

## Version 4.20

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### Overview

Version 4.20 update includes model year **2022** vehicle coverage and additional **ADAS** calibrations.

Over 16,219 new special test & 2,666 new system applications included in this update.

Software and coverage feature details provided in these release notes.

### ***New Coverage Highlights (Coverage details start on Page 2)***

#### **Genesis Brand Coverage added:**

- **Genesis** – 2019-2022 G70 & G90

#### **MY2022 Additions:**

- **Audi** – A8 Quattro, e-tron S, e-tron S Sportback, Q4 e-tron S, Q4 e-tron S Sportback, RS3, S8, TT RS Quattro
- **Ford** – Bronco Sport, Mustang
- **Infiniti** – QX60
- **Mazda** - Mazda3, MX-5 Miata
- **Mercedes** - G-Class, GLC-Class, GLE Class
- **Mitsubishi** - Mirage, Mirage G4, Outlander PHEV
- **RAM** – 4500, 5500
- **Volkswagen** – Arteon, GTI, Passat
- **Special Test Additions** – multiple brands
- **ADAS Coverage:**
  - **Toyota**– Coverage added for 2022MY Camry, Corolla, Corolla Cross, Highlander, RAV4, Tacoma, Venza
  - **Lexus** – Coverage added for 2022MY Models, 2021MY IS300, IS350, UX250h
  - **GM** – Coverage added for 2022MY Escalade
  - **Lincoln** – Coverage added for 2022MY Aviator, Corsair
  - **BMW** – Coverage added for 2022MY 530i, X3
  - **Ford** – Coverage added for 2022MY Edge, Escape, Maverick, Ranger
  - **Mercedes** – Coverage added for 2017-2022MY G-Class

## ***New Coverage – USA Domestic***

### ***Chrysler/Jeep/Ram Coverage***

- Added coverage for 115 new system applications

#### **132 new Adjustment type special tests:**

ABS Bleed Brakes, ABS Initialization, Active Grill Shutter Replaced, Actuator Calibration, AFLS Calibration, ASCM Initialization, Auto High Beam Demo Mode Test, Bleed Brakes, Brake Pedal Calibration, Calibration Routine, CAM Crank Relearn Routine, Change Country Code, Channel Output Test, Check PCM VIN, Clear All Learned Seat Parameters, Clear DEF Pump Learned Offset Values, Clear Engine Auto Restart Crank Counter, Clear Learning Value, Clear Stored Accumulated Fuel Mass, Clear TPM Sensor Rolls Test Results, Clear Variable Line Pressure Counters, Closed Coupled Replacement, Configure License Plate Size, Coolant Three Way Valve, Coolant Three Way Valve Replaced, Diesel Particulate Filter Regeneration, DPF Pressure Sensor Reset, DPF Regen, DPF Replacement, Driving Regeneration Request, Dual Alternator Enable/Disable, Dual Fuel Tank Enable / Disable, ECU Replacement With Value Transfer, EGR Coolant Regeneration, EGR Low Pressure Learn, EGR System Test, EGS Initialization, Emissions Rolls Test Mode, Enable / Disable Vehicle Features, Enable/Disable Seatbelt Minder Chime, Engine Idle Shutdown Feature Enable/Disable, EPB Service Procedures, Exhaust Phaser 1 Cleaning, Exhaust Phaser 2 Cleaning, Exit Shipping Mode, FCM Enable Emissions Rolls Test Mode, Fleet Pin Reset, Headlamp Leveling, HVAC Actuator Calibration Test, Idle Shutdown Timer Adjustment, Initialize ABS, Initialize Cluster Configuration w/o Odometer Affect, Initialize CVT, Initialize ORC, Intake Phaser 1 Cleaning, Intake Phaser 2 Cleaning, Key FOB Identification, Key Fobs Linked To Memory, KeySense PIN Reset, Learn ETC, Light Rain Sensor Calibration, Mass Air Flow Sensor Initialization, Microphone Output Short Test, Microphone Tone Test, Most Recent Cool Down Test Results, New Engine Installed, Non-Volatile Memory Reset, Oil Change Light Reset, Oil Change Monitor Type, Oil Life Restore, Program Engine Serial Number, Program Tire Sensor Identifications, Program Tire Size, Program Variant Coding, PTO RPM Adjustment, PTO Settings, Quick Learn, Quicklearn 62TE, Quicklearn Non RFE, Quicklearn RFE, RAM Active Air Box Calibration, Remote Start Temporary Disable, Reset Adaptive Values, Reset After Replacement Of Lambda Sensor, Reset ECU, Reset Enhanced Automatic Oil Change Indicator, Reset Error Free Operation Time to 40 Hours, Reset H2O Lamp, Reset Memory, Reset of Lambda Values, Reset of SCR Long Term Adaptation Factor, Reset Parameters to Default, Reset SCR Mileage Counter to 200 Miles, Reset VCM Adaptives, Reset Zero Fuel Quantity Calibration, Rollover Detection, SCR DEF Tank Fluid Level Filter Reset, SCR System After ECU Replacement Procedure, SCR System Catalyst Reset, SCR System Dosing Module Replacement, SCR System Pressure Line Replacement, SCR System Tank or Pump Replacement, SCR System Wiring Harness Replacement, Sensor Wiring Test, Service Procedures, Set Axle Type, Set Max Cruise Speed, Set Max Vehicle Speed, Set Ride Height Level, Snorkel Output Test, Standardization, Stationary Desoot (DPF Regen), Store Learned TCU Adaptives, System Air Mass/Pressure/Ride Height Readings, TCC Break In, TCM Reset Learned Adaptives Routine, Tip Start Temporary Disable, TLC Learn, Turbo Actuator Pre-Align / Self Calibrate, Update Pressure Thresholds, Valve Body Solenoid Learn, VGT Learn, VGT Sector Gear Hysteresis Test, View/Reset Duty Cycle Maps, VIN Lock, Write Pinion Factor, Write VIN, Calibrate Liftgate, Clear Steering Pull Compensation, ELSD Quicklearn, Tire Pressure Sensor Registration, Turn off Gain Mode Override

#### **1237 new Actuation type special tests:**

1st Gear Clutch Test (62TE), 1st Gear Clutch Test (Non-RFE), 1st Gear Clutch Test (RFE), 2-3 Skip Shift Solenoid Control State, 2-4 Solenoid, 2-4 Solenoid State, 2C Or 2-4 Solenoid, 2nd Gear Clutch Test (62TE), 2nd Gear Clutch Test (Non-RFE), 2nd Gear Clutch Test (RFE), 2nd Prime Gear Clutch Test (RFE),

3rd Gear Clutch Test (62TE), 3rd Gear Clutch Test (Non-RFE), 3rd Gear Clutch Test (RFE), 4C Solenoid, 4C Solenoid State, 4th Gear Clutch Test (62TE), 4th Gear Clutch Test (Non-RFE), 4th Gear Clutch Test (RFE), 4WD, 4WD Auto, 4WD LED, 4WD Low, A/C, A/C Compressor Clutch Relay Control State, A/C Select, ABS, ABS fault Lamp, ABS Lamp, ABS Light, A-C Button, A-C Compressor Clutch Relay Control State, AC emergency shut off, AC Indicator, A-C INDICATOR, AC Off For Vehicle Manoeuvring, AC Request, A-C Request, A-C Select, Activate Driver and Passenger Head Restraints, Activate Fuel Lift Pump, Active Exhaust Valve 1, Active Exhaust Valve 2, Active Grill Shutter Test, Actuate All Heaters, Actuate All Seat Heaters, Actuate All Vents, Actuator Test For SCR Device Relay, Actuator Test For Scrdevrly, Adjustable Pedal Disable Relay, Aftertreatment System Performance Test, Air Bag, Air Bag Lamp, Air Bag Light, Air Condition, Air Condition Relay Control, Air Spring Circuit Test, Air Suspension Leakdown Test, All Doors/Central Locks, All Doors-Central Locks, Alternator Current Limit, Alternator Field Control State, Alternator Field Duty Cycle, Alternator Field Duty-Cycle, Alternator Output Voltage Setpoint, Alternator Test, Ambient Temperature, AMP Output Short Test, AMP Output Tone Test, ANC Output Short Test, Antenna Power, Approach Light State, Assembly Check, ATMM Left Actuator Command -%, ATMM Left Actuator Command -Hz, ATMM Right Actuator Command -Hz, Atmosphere Valve Test, Audio Routing, Audio Test, Audio Test For Subwoofer Specific, Audio Video Signal Detection, AUTO Button, Auto Indicator, AUTO LED, Auto Shutdown (ASD) #1 Relay Control State (Left Bank), Auto Shutdown (ASD) #2 Relay Control State (Right Bank), Auto Shutdown (ASD) Relay Control State, Auto Shutdown Relay Control State, Auxiliary Coolant Pump, Auxiliary Fuel Pump, Average Ambient Temperature, BACK button, Background LED Illumination Level, Background LED State, Backlight Control, Backlight Control-Backlight PWM1, Backlight Control-Backlight PWM2, Backlight Control-Backlight PWM3, Backlight Control-Backlight PWM4, Backlight Control-Backlight PWM5, Backlight Control-Backlight PWM6, Backlight Control-Blue Driver/Passenger Temp Down, Backlight Control-Display PWM, Backlight Control-HVAC Recirc/AC/Front Def/Rear Def, Backlight Control-LED Jewel Indicator auto, Backlight Control-LED Jewel Indicators excluding Auto, Backlight Control-Red Driver/Passenger Temp Up, Hazard, Backlight Control-Sapphire Blue Enter/Mute Knobs, Backlight Control-Sapphire Blue HVAC Auto/Fan Off, Backlight Control-Sapphire Blue Knob Halo Rings, Backlight Control-Sapphire Blue Lower Row Switchbank Buttons, Backlight Control-Sapphire Blue Screen Off, Back Buttons, Backlighting: Driver Temp Down, Pass Temp Down, Backlighting: Driver Temp Up, Pass Temp Ujp., Backlighting: Knob Halo White Backlighting, Backup Alarm, Baggage Lamps, Balance Settings, Bass Settings, Battery Bad (Red), Battery Good (White), Battery LED 1, Battery LED 2, Battery LED 3, Battery LED 4, Battery LED 5, Battery LED 6, Battery LED 7, Battery LED 8, Battery LED 9, Battery Voltage LEDs, Battery Voltage Output, Bed Lamp, Blind Spot Indicator State, Blower Motor Speed, Blue Cooled Seat Indicators, Blue Heated Seat Indicators, Blue Temperature Bar, Boost Low Pressure Actuator, Boost Pressure, Boost Pressure Actuator, Brake Indicator, Brake Light, Brake State Output, Brake Switch, BRAKE Text, Brake Warning Lamp, BSM State, BTSI Coil Output Control, BTSI Control, BTSI Solenoid, Button 11 (Spare), Button 14 (Spare), Button 15 (Spare), Button 16 (Spare), Button 24 (Spare), Button 6 (Spare), Button 7 (Spare), Button 8 (Spare), Button Indicators, Buttons Control, Buttons/Encoder Control-Button 1 (Front Defrost), Buttons/Encoder Control-Button 10 (FCW), Buttons/Encoder Control-Button 12 (Back), Buttons/Encoder Control-Button 13 (Screen Off), Buttons/Encoder Control-Button 14 (ESP), Buttons/Encoder Control-Button 16 (PTS), Buttons/Encoder Control-Button 17 (Mute), Buttons/Encoder Control-Button 18 (Enter), Buttons/Encoder Control-Button 19 (Rear Defrost), Buttons/Encoder Control-Button 2 (Driver Temp Up), Buttons/Encoder Control-Button 20 (Passenger Temp Down), Buttons/Encoder Control-Button 21 (Auto), Buttons/Encoder Control-Button 22 (Driver Temp Down), Buttons/Encoder Control-Button 23 (Recirc), Buttons/Encoder Control-Button 3 (Fan Off), Buttons/Encoder Control-Button 4 (Driver Temp Up), Buttons/Encoder Control-Button 5 (AC), Buttons/Encoder Control-Button 9 (Eco), Buttons/Encoder Control-Rotary 1 Detents (Volume), Buttons/Encoder Control-Rotary 1 Direction (Volume), Buttons/Encoder Control-Rotary 2 Detents (Fan), Buttons/Encoder Control-Rotary 2 Direction (Fan),

Buttons/Encoder Control-Rotary 3 Detents (Tune), Buttons/Encoder Control-Rotary 3 Direction (Tune), Buttons/Encoder Control-Rotary 4 Detents, Buttons/Encoder Control-Rotary 4 Direction, Buzzer Control, Cabin Temperature Sensor, Cargo Lamp, Cargo Light, Cargo Light Indicator, Catalyst Efficiency Test, CEGR H-Bridge Valve Duty Cycle, Center High Mount Stop Lamp, Center Stop Lamp, Channel 1 Audio Control, Channel 10 Audio Control, Channel 11 Audio Control, Channel 12 Audio Control, Channel 2 Audio Control, Channel 3 Audio Control, Channel 4 Audio Control, Channel 5 Audio Control, Channel 6 Audio Control, Channel 7 Audio Control, Channel 8 Audio Control, Channel 9 Audio Control, Charge Air Cooler Coolant Pump, Check Engine - MIL Lamp, Check Engine MIL Lamp, Check Engine-MIL (Malfunction Indicator Lamp), Check PCM Odometer, CHMSL Lamp, Clutch Signal To ECM Output Control, CNG Injector Relay, CNG Shut Off Relay, CNG/Gasoline Forced Fuel Type, Cold Start Aid Driver 1, Cold Start Aid Driver 1 Output, Compressed Natural Gas, Compression Test, Compressor Circuit Test, Compressor Current, Control All Solenoids, Control the steering column, Convenience/Reading Lamp, Convenience-Reading Lamp, Coolant Bad, Coolant Good, Coolant High Temperature Auxiliary Electric Pump, Coolant Temp LED 1, Coolant Temp LED 2, Coolant Temp LED 3, Coolant Temp LED 4, Coolant Temp LED 5, Coolant Temp LED 6, Coolant Temp LED 7, Coolant Temp LED 8, Coolant Temp LED 9, Coolant Temp LEDs, Coolant Temperature, Coolant Three Way Valve Test, Cooldown Test, Cooled EGR H-Bridge Valve System Test, Cooled Seat Driver High Indicator, Cooled Seat Driver Low Indicator, Cooled Seat Driver Med Indicator, Cooled Seat Passenger High Indicator, Cooled Seat Passenger Low Indicator, Cooled Seat Passenger Med Indicator, Cooler Bypass Valve, Cooling Valve Position, Courtesy Lamps, Crankcase Ventilation, Crankcase Ventilation Heater, Cyl 1 Deactivation Sol Cntrl State, Cyl 6 Deactivation Sol Cntrl State, Cyl 7 Deactivation Sol Cntrl State, Cylinder 1 Deactivation Solenoid Control State, Cylinder 4 Deactivation Solenoid, Cylinder 4 Deactivation Solenoid Control State, Cylinder 6 Deactivation Solenoid Control State, Cylinder 7 Deactivation Solenoid Control State, Cylinder Balance Test, Dedicated DRL Lamp Left, Dedicated DRL Lamp Right, DEF (Reductant) Pressure Line Heater Test, DEF (Reductant) Tank Heater Test, DEF Dosing Injection Quantity, DEF Reductant Doser Prime Override Test, DEF Reductant Doser Pump Override Test, Diesel Cabin Heat 1, Diesel Cabin Heat 2, Diesel Cabin Heat 3, Diesel Cabin Heater #1, Diesel Cabin Heater #2, Diesel Cabin Heater #3, Diesel Cabin Heater 1, Diesel Cabin Heater 2, Diesel Cabin Heater 3, Diesel Cabin Heater 4, Diesel Fuel Heater Relay, Digital Inputs1 High Memory, Disable Level Control, Disable Passenger Airbag Lamp Request, Display Start Inhibit Data, Door Ambient Light State, Door Courtesy Lamp State, Door Handle Power Control, Door Handle Verification Test, Double Start Override Relay, DPF Lamp, DPF Reset Option, DR Solenoid, Driver Cooled Seat, Driver Heated Seat, Driver Side Seat Belt, Driver Temp Detents, Driver Temp Down Button, Driver Temp Rotary Direction, Driver Temp Up Button, DRL, DTI FUEL TRANSFER RLY, DTI LTR CLNT PMP, DTI SPRCHRGR BPV MOTOR, Dual Speed Fuel Pump Relay, Dual Speed Oil Pump, Dual Speed Oil Pump Status, Duct Sensor - Floor Left, Duct Sensor - Floor Right, Duct Sensor - Panel Left, Duct Sensor -Floor Left, Duct Sensor -Floor Right, Duct Sensor -Panel Left, Duct Sensors - Panel Right, Duct Sensors -Panel Right, Duty Cycle Purge Solenoid, Easy Entry/Exit, EBL Status, EC Mirror State, ECO, ECO Button, ECO ON-OFF Indicator, ECVD Compressor PWM Command, ECVD Compressor PWM Command~ECVD Compressor PWM Command, EGR Cooler Bypass, EGR DC Motor & Sol Vlv Recir Vlv, EGR Duty Cycle, EGR Hi Pressure Motor Test, EGR Positioner, EGR Throttle Valve, EGR Valve Actuator Test, EGR Valve Replaced, EGR Valve Solenoid Duty Cycle, Electric Thermostat Heater Solenoid, Electric Thermostat Heater Solenoid Duty Cycle, Electric Vacuum Pump, Electric Wastegate Valve, Electronic Stability Control, Electronic Stability Control Off, EMCC VLP Solenoid, Emissions Rolls Test Mode Is Active, Engine After Run Coolant Pump, Engine Check Lamp [MIL], Engine Digital Fan 1, Engine Digital Fan 2, Engine Off Injector Toggle Test, Engine RPM Control, Engine Running Injector Kill Test, Engine Speed Output, Engine Temp LEDs, Engine Temperature, Engine Warm Up, Enter, Enter Button, Enter Plant Mode, EPB Failure Lamp, EPB Service, EPB Warning Light, EQ Loudness Test, ESC, ESC Disable Lamp, ESC Indicator, ESC Malfunction Lamp, ESC Off, ESC ON-OFF Indicator, ESCL 12 Volt Feed Control, ESCL Unlock Control, ESIM Forced Monitor Test, ESM Power Supply, ESP button, ESP Light, ETC

Indicator Test, ETC Lamp, ETC System Test, ETC Throttle Follower Test, EV Even Gear, EV Odd Gear, EVAP Purge Valve, Evaporator Sensor Temperature, Evaporator Temp Sensor, Evaporator Temperature Sensor, Exhaust Brake, Exhaust Brake Auto Green, Exhaust Brake Yellow, Exhaust Gas Cooler Bypass Valve, Exhaust Gas Recirculation Valve, Extend Mileage With SCR Active Faults, Faceplate Controls-Eject, FAD Feedback Voltage, FAD Lock Request, FAD Supply Voltage, Fade Settings, Fan Clutch PWM Duty Cycle Output, Fan Clutch Test, Fan Off Button, Fan Rotary Detents, FCW Button, Fill Spring From Reservoir, First Pass Cool Down Test Results, First Row Driver Seatbelt Buckle Sensor-Switch, First Row Passengers Seatbelt Buckle Sensor-Switch, FL Solenoid Valve, Flipper Glass 2, Foot Well, Foot Well/Halo Lamps, Foot Well-Halo Lamps, FR Solenoid Valve, Front Blower Control, Front Blower Motor, Front Blower Potentiometer Knob Position, Front Blower Speed, Front Collision Off, Front Collision Off, Front Defrost, FRONT DEFROST button, Front Defrost Indicator, Front Fog, Front Fog Lamps, Front Left Heated Seat Button, Front Left Heated Seat Indicator, Front Mode 1 Actuator Position, Front Mode 1 Defrost Actuator Position, Front Mode 2 Panel Actuator Position, Front Mode Actuator Position, Front Mode Door Actuator Position, Front Mode Potentiometer Knob Position, Front Off Road Camera Washer, Front Right Heated Seat Button, Front Right Heated Seat Indicator, Front Washer, Front Wiper (High/Low), Front Wiper (High-Low), Front Wiper (On/Off), Front Wiper (On-Off), Front/Rear Washer, Front-Rear Washer, Fuel Filter Heating, Fuel filter water level warn lamp, Fuel Filter Water Level Warning Lamp, Fuel Injector, Fuel Injector 1, Fuel Injector 1 Control State, Fuel Injector 2, Fuel Injector 2 Control State, Fuel Injector 3, Fuel injector 3 Control State, Fuel Injector 4, Fuel Injector 4 Control State, Fuel Injector 5, Fuel Injector 5 Control State, Fuel Injector 6, Fuel Injector 6 Control State, Fuel Injector 7, Fuel Injector 7 Control State, Fuel Injector 8, Fuel Injector 8 Control State, Fuel Injector Balance, Fuel Injector Cleaning, Fuel Level LEDs, Fuel Level Output, Fuel Metering Unit, Fuel Metering Unit Actuator, Fuel Pre Supply Pump, Fuel Pressure Override, Fuel Pressure Regulated O/P (Bar), Fuel Pressure Regulator, Fuel Pressure Regulator Valve, Fuel Pump, Fuel Pump Relay Control State, Fuel System Run Up Test, Functional LED Illumination Level, Functional LED State, Gas Injector Relay, Gasoline, Gated Park ZFII Output, Gated Park ZFII Output Control, Gear Position, Gear Selection, Generator Ramp Time, Generator Speed Threshold, Glow Lamp, Glow Plug, Glow Relay, Head Rest Relay, Headlamp Washer, Heated Seat Driver High Indicator, Heated Seat Driver Low Indicator, Heated Seat Driver Med Indicator, Heated Seat Passenger High Indicator, Heated Seat Passenger Low Indicator, Heated Seat Passenger Med Indicator, Heated Steering Wheel, Heated Steering Wheel Button, Heated Steering Wheel indicator, Heated Steering Wheel~Heated Steering Wheel, Height Sensor Check, HEV Belt-Driven Coolant Pump Clutch Relay, HEV Engine Aux Heater LIN Coolant Pump, HEV Engine Belt-Driven Coolant Pump Clutch Relay, HEV Fuel Tank Isolation Valve Solenoid, HEV TPIM Inverter LIN Coolant Pump, High Beam, High Beam Indicator, High Beam Light, High Pressure Fuel Rail Test, High Pressure Fuel System Test, High Speed Engine Cooling Fan Control, High Speed Fan, High Temp Coolant Fill - Aux Pump, Hill Ascending Button, Hill Ascending Indicator (Select Speed Lamp), Horizontal Motor Backward/Forward, Horn, HPCR Duty Cycle, HPCR Duty Cycle Output, HVAC Cool Down Test, HVAC Self Test, I/P Illumination, Idle RPM Test, Ignition Coil 1, Ignition Coil 10, Ignition Coil 2, Ignition Coil 3, Ignition Coil 4, Ignition Coil 5, Ignition Coil 6, Ignition Coil 7, Ignition Coil 8, Ignition Coil 9, Ignition Run, Ignition RUN/ACC 1, Ignition RUN/ACC 2, Ignition RUN/START, Ignition RUN-ACC 1, Ignition RUN-ACC 2, Ignition RUN-START, Immobilizer Antenna Test, Indicator Control-A/C Indicator, Indicator Control-Auto Indicator, Indicator Control-FCW Indicator, Indicator Control-Front Defrost Indicator, Indicator Control-Indicator 1 (Auto), Indicator Control-Indicator 10 (SSO), Indicator Control-Indicator 11 (PPA), Indicator Control-Indicator 12 (LDW), Indicator Control-Indicator 2 (AC), Indicator Control-Indicator 3 (Recirc), Indicator Control-Indicator 4 (Front Defrost), Indicator Control-Indicator 5 (Rear Defrost), Indicator Control-Indicator 6 (ECO), Indicator Control-Indicator 7 (FCW), Indicator Control-Indicator 8 (Traction Control), Indicator Control-Indicator 9 (PTS), Indicator Control-LDW Indicator, Indicator Control-Park Sense Indicator, Indicator Control-Rear Defrost Indicator, Indicator Control-Recirc Indicator, Initiate P2BA9 SCR Refill Monitor, Injector Kill Test, Inlet Metering Valve, Inlet Valve FL, Inlet Valve FR, Inlet

Valve Front Left, Inlet Valve Front Right, Inlet Valve Left Front, Inlet Valve Left Front (Normally Open), Inlet Valve Left Rear, Inlet Valve Left Rear (Normally Open), Inlet Valve LF(Normally Open), Inlet Valve LR (Normally Open), Inlet Valve Rear Left, Inlet Valve Rear Right, Inlet Valve RF (Normally Open), Inlet Valve Right Front, Inlet Valve Right Front (Normally Open), Inlet Valve Right Rear, Inlet Valve Right Rear (Normally Open), Inlet valve RL, Inlet valve RR, Inlet Valve RR (Normally Open), Input Test, Instrument Panel Illumination Level Output, Intake Air Throttle Actuator, Intake Air Throttle Actuator Test, Intake Manifold Short Runner Valve (SRV) Solenoid Control State, Intake Manifold Short Runner Valve Solenoid, Intake Manifold Tuning Valve (MTV) Solenoid Control State, Intake Manifold Tuning Valve Solenoid, Intake Port Shut Off, Intake Throttle Duty Cycle, Intake Throttle Duty Cycle Output, Inverter Enable Relay, Inverter Status Indicator, IOD RELAY ON LSD, I-P Illumination, IPC Self Test, IRCM Heater, IRCM Relay Unlock Control, Key Pad Back Lighting, Keyless/Remote Start Data, Keypad Backlight Control, KeySense, KIN ACC LED State, KIN Antenna Power, KIN LED Control, KIN OFF LED State, KIN RUN LED State, KIN Start/Stop LED State, KIN Start-Stop LED State, Knob Lock State, L/U And SEL On Off Solenoid, L/U Solenoid Current, Lane Departure Warning ON-OFF Indicator, LC Solenoid, LDP Solenoid, LDW Warning Indicator, Leak Detection Pump, Leak Detection Pump Forced Monitor Test, LED Control-LED 1 (Auto Control), LED Control-LED 2 (EBL), LED Control-LED 3 (Front defrost), LED Control-LED 4 (recirc), LED Control-LED 5 (A/C), Left Rear Tail/Park Lamp, Left Air Catcher LED, Left Auxiliary High Beam, Left Backrest Heat Seat Linear PWM Request -Output, Left Cushion Heat Seat Linear PWM Request -Output, Left Day Light Lamp, Left Front Fog Lamps, Left Front Park Lamp, Left Front TCL Valve, Left Front Turn Lamp, Left HID Lamp, Left High Beam, Left High Beam Shutter, Left Low Beam, Left Rear Fog Lamps, Left Rear Tail-Park Lamp, Left Rear Turn Lamp, Left Rear Turn/Stop Lamp, Left Rear Turn-Stop Lamp, Left Reartail-Park Lamp, Left Reverse Lamp, Left Reverse Lamp 2, Left Reverse Lamp State, Left Side Markers, Left Signal Mirrors/Side Repeaters (BUX), Left Signal Mirrors-Side Repeaters (BUX), Left Signature Lamp, Left Solar Sensor Values, Left Temp Down Button, Left Temp Up Button, Left Trailer Tow Turn/Stop Lamp, Left Trailer Tow Turn-Stop Lamp, Left Turn Signal Indicator, Left Vent Seat Linear PWM Request -Output, LF Antenna Verification Test, License Plate Lamp, Lift Pump Relay, Linear Hall, Linear Solenoid A, Linear Solenoid B, Linear Solenoid C, Linear Solenoid D, Linear Solenoid E, Linear Solenoid F, Linear Solenoid G, Locate Learned Keys, LOCK 4WD, Low Fuel, LOW LED, Low Pressure Feed Valve 1, Low Pressure Feed Valve 2, Low Pressure Feed Vlv 1(Normal close), Low Pressure Feed Vlv 2(Normal close), Low Reverse Solenoid, Low-Reverse Solenoid, LR Solenoid, Main Left Temperature Actuator Position, Main/Left Temp Selected, Main-Left Temp. Door Actuator Position, Main-Left Temperature Actuator Position, Malfunction Indicator Lamp, Measure System Air Mass, Memory Seat ECU Self Test, Metering Unit, Metering Unit Actuator, Mid-Range Settings, MIL Lamp, Mirror Direction Control, Mirror Fold, Mirror Fold Window Control, Mirror Heat State, Mirror LED -Day-Night, Mirror LED Left State, Mirror LED -ON-OFF, Mirror LED Right State, Mirror Right LED State, Mirror Signal Lamp State, Mirror Vertical/Horizontal Direction, Mode, Mode 2 Actuator Position (Defrost Panel Door), Mode Button, Motor Test, Motorized Thermistor-Cabin Temp, MPFA Query Routine, MPFA Select Routine, MPFA Validate Routine, MS Solenoid, Multiair VVA Solenoid 1, Multiair VVA Solenoid 2, Multiair VVA Solenoid 3, Multiair VVA Solenoid 4, Mute, MUTE button, Mute Test, Neutral, Neutral Gate Test (62TE), Neutral Gate Test (Non-RFE), Neutral Gate Test (RFE), Neutral LED, NOx Sensor Replacement, O2 Heater Test, OBD Button 1 Pad 1, OBD Button 1 Pad 2, OBD Button 2 Pad 2, OBD Button 3 Pad 1, OBD Button 3 Pad 2, OBD Button 4 Pad 1, OBD Button 4 Pad 2, OBD Button 5 Pad 1, OBD Button 5 Pad 2, OBD Button 6 Pad 1, OBD Button 6 Pad 2, OBD Button 7 Pad 1, OBD PPPA - Pad 1, OBD PPPA -Pad 2, Oil Pressure Bad, Oil Pressure Good, Oil Pressure Lamp, Oil Pressure LED 1, Oil Pressure LED 2, Oil Pressure LED 3, Oil Pressure LED 4, Oil Pressure LED 5, Oil Pressure LED 6, Oil Pressure LED 7, Oil Pressure LED 8, Oil Pressure LED 9, Oil Pressure LEDs, Oil Pressure Output, Outlet Valve FL, Outlet valve FR, Outlet Valve Front Left, Outlet Valve Front Right, Outlet Valve Left Front, Outlet Valve Left Front (Normally Closed), Outlet Valve Left Rear, Outlet Valve Left Rear (Normally Closed), Outlet Valve LF (Normally Closed), Outlet Valve LR (Normally Closed), Outlet Valve Rear Left,

Outlet Valve Rear Right, Outlet Valve RF (Normally Closed), Outlet Valve Right Front, Outlet Valve Right Front (Normally Closed), Outlet Valve Right Rear, Outlet Valve Right Rear (Normally Closed), Outlet valve RL, Outlet valve RR, Outlet Valve RR (Normally Closed), Over Drive Solenoid, Over Drive Solenoid On Time, Over-Drive Solenoid, Overdrive Switch Test, Overdrive Switch Test (Non-RFE), OverDrive Switch Test (RFE), Oxygen Sensor 1 Heater, Oxygen Sensor 1/1 Heater Control State, Oxygen Sensor 1/1 Heater Duty Cycle, Oxygen Sensor 1/2 Heater Control State, Oxygen Sensor 1/2 Heater Duty Cycle, Oxygen Sensor 1-1 Heater Duty-Cycle, Oxygen Sensor 1-2 Heater Duty-Cycle, Oxygen Sensor 2 Heater, Oxygen Sensor 2/1 Heater Control State, Oxygen Sensor 2/1 Heater Duty Cycle, Oxygen Sensor 2/2 Heater Control State, Oxygen Sensor 2/2 Heater Duty Cycle, Oxygen Sensor 2-1 Heater Duty Cycle, Oxygen Sensor 2-1 Heater Duty-Cycle, Oxygen Sensor 2-2 Heater Duty Cycle, Oxygen Sensor 2-2 Heater Duty-Cycle, Parking Brake And Low Brake Fluid, Parttime LED, Passenger Airbag (PAB) Status, Passenger Airbag LED, Passenger Cooled Seat, Passenger Heated Seat, Passenger Occupant Detection Sensor (ODS), Passenger Seat Belt, Passenger Temp Detents, Passenger Temp Down Button, Passenger Temp Rotary Direction, Passenger Temp Up Button, Pedals Forward/Backward, Pilot 1 (USV Front, MCI Front -Normally Open), Pilot 2 (USV Rear, MCI Rear -Normally Open), PL Solenoid Current, Pneumatic Intercooler Bypass, Pneumatic Waste Gate, Police Passenger Un-Lock Motor, Position Lamp, Position Lamp Telltale, Position Lights, Power (OFF), Power Down, Power Mirror Feed Relay Control, Power On and Disable User Inputs, Power Side Step Module Actuation Test, PPPA, PPPA ON-OFF Indicator, Pressure Control Solenoid Valve, Pressure Regulator Valve, Pressure Value Correction Shut-Off, Pre-Supply Pump, Priming 1 (HSV Front, LPF Front -Normally Closed), Priming 2 (HSV Rear, LPF Rear - Normally Closed), Proportional Purge Solenoid, Proportional Purge Solenoid., Proportional Surge Solenoid, PTC Cabin Heater 1 Status, PTC Cabin Heater 2 Status, PTC Cabin Heater 3 Status, PTC Heater Relay 1, PTC Heater Relay 2, PTC Heater Relay 3, PTO, PTS Button, PTS Indicator, PTS ON-OFF Indicator, PTS Switch Simulation, Puddle Lamp State, Pump, Pump Motor Tests, Purge Solenoid Duty Cycle, Purge Vapors Test, PWM Fan Actuation Test, PWM Output, Radiator Cooling Fan PWM Cntrl State, Radiator Cooling Fan PWM Control State, Radiator Cooling Fan PWM Duty Cycle, Radiator Cooling Fan PWM Duty-Cycle, Radiator Cooling Fan Relay 1 Control State, Radiator Cooling Fan Relay 1,2,3 Control State, Radiator Cooling Fan Relay 2 Control State, Radiator Fan 1 Duty Cycle, Radiator Fan 2 Duty Cycle, Radiator Jalousie ShutterPosition, Radiator-Condenser Cooling Fan Relay 1 Control State, Radiator-Condenser Cooling Fan Relay 2 Control State, Radio, Radio Volume, Rail Pressure, Rail Pressure Sensor Replacement, Ram Active Air Box Test, Ram Box, Range Select Downshift Test Routine, Range Select Downshift Voltage, Range Select Upshift Test Routine, Range Select Upshift Voltage, Read VIN, Ready, Rear Axle Lock, Rear Axle Locker Command, Rear Blower Speed, Rear Blower State, Rear Defrost Button, Rear Defrost Button (EBL), Rear Defrost Indicator, Rear Fog, Rear Fog Lamps, Rear Heated Window, Rear Mode 1 Actuator Position, Rear Wiper, Recirc, RECIRC button, RECIRC Indicator, Recirc. Door Actuator Position, Recirculation Door Actuator Position, Recirculation LED, Recirculation Pump, Recliner, Red Brake Lamp, Red Hazard Button, Red Heated Seat and Steering Wheel Indicators, RED Heated Seat Indicators, Red Temperature Bar, Redundant Ignition RUN/START Feed Output Control, Redundant Ignition RUN-START Feed Output Control, Remote Start Antenna Test, Reverse Gear Clutch Test (62TE), Reverse Gear Clutch Test (Non-RFE), Reverse Gear Clutch Test (RFE), Reverse Lockout Solenoid, Reverse Lockout Solenoid Control State, Right Air Catcher LED, Right Auxiliary High Beam, Right Backrest Heat Seat Linear PWM Request -Output, Right Cushion Heat Seat Linear PWM Request - Output, Right Day Light Lamp, Right Front Fog Lamps, Right Front Park Lamp, Right Front TCL Valve, Right Front Turn Lamp, Right HID Lamp, Right High Beam, Right High Beam Shutter, Right Low Beam, Right Rear Fog Lamps, Right Rear Tail/Park Lamp, Right Rear Tail-Park Lamp, Right Rear Turn Lamp, Right Rear Turn/Stop Lamp, Right Rear Turn-Stop Lamp, Right Reartail-Park Lamp, Right Reverse Lamp, Right Reverse Lamp #2, Right Reverse Lamp 2, Right Reverse Lamp State, Right Side Markers, Right Signal Mirrors/Side Repeaters (BUX), Right Signal Mirrors-Side Repeaters (BUX), Right Signature Lamp, Right Solar Sensor Values, Right Temp Actuator Position, Right Temp Down Button, Right Temp Up

Button, Right Temp. Door Actuator Position, Right Temperature Actuator Position, Right Temperature Selected, Right Trailer Tow Turn/Stop Lamp, Right Trailer Tow Turn-Stop Lamp, Right Turn Signal Indicator, Right Vent Seat Linear PWM Request -Output, RL Solenoid Valve, Roller Learning Shut-Off, Rotary 4 Detents, RR Solenoid Valve, RT-LT Sidemarkers-RT-LT Applique Parklamps, SCR Inlet Temp Sensor Replacement, SCR Relay Actuation Test, Screen Off, SCREEN OFF button, Screen Test Pattern, SDAR Station Selection, Seat Belt, Seat Belt Lamp, Seat Belt Light, Seat Position Recall, Second Row Center Seatbelt Switch, Second Row Left Seatbelt Switch, Second Row Right Seatbelt Switch, Secondary Air Pump, Secondary Air Solenoid, Secondary Solenoid Current, Secondary/Thatchum Lock Motor, Secondary/Thatchum Un-Lock Motor, Secondary-Thatchum Lock Motor, Secondary-Thatchum Un-Lock Motor, Self Test Routine, Sensor Rolls Test, SERV LED, Set Engine RPM Test, Shift Lever Position Test (62TE), Shift Lever Position Test (Non-RFE), Shift Lever Position Test (RFE), Shift Solenoid 1, Shift Solenoid 2, Shift Solenoid 3, Shift Solenoid 4, Shift Solenoid 5, Shift Solenoid 6, Shift Solenoid A, Shutoff Correction Quantity, Shutoff Injector Quantity, Side Mirrors Heater Control, Skip Shift Solenoid, Small Leak Verification Test, Snow Plow Left Turn Lamp, Snow Plow Park Lamps, Snow Plow Right Turn Lamp, Snow Plow Switch #1, Snow Plow Switch #2, Snow Plow Switch #3, Snow Plow Switch #4, Snow Plow Switch 1, Snow Plow Switch 2, Snow Plow Switch 3, Snow Plow Switch 4, Software Test, SPARE LED LAMP DRIVER, SPARE RELAY 1 LSD, SPARE RELAY 2 LSD, Speaker Quadrant Selection, Split Cooling Drive Duty Cycle, Sport ON-OFF Indicator, Spring Deflate To Atmosphere, Spring Deflate to Reservoir, SRS Indicator Lamp Request, SRS Lamp, SRV Test, Start/Stop System, Starter Relay, Starter Solenoid, Starter Solenoid (High), Starter Solenoid High, Starter Status, Steering Wheel Linear PWM Request -Output, Stop - Start System Active Indicator, Stop / Start System Active Lamp, Stop Start Confirmation, Stop/Start System Active, Stop-Start Button, Stop-Start Indicator, Stop-Start ON-OFF Indicator, Stop-Start System Active, Sun Shade Control, Surge Solenoid Control State, SV1, SV2, SWAY BAR, Swing Gate Lock, Swing Gate Unlock, Swirl Valve actuator Test, Switch Illumination State, Switch On EPB Failure Lamp, Switch On EPB Function Lamp, System Wiring Test, T Case Service Indicator Request, Tail Gate Lock, Tail Gate Unlock, T-Case Motor Duty Cycle, T-Case Motor Solenoid Lock, T-Case Motor-Motor Lock, T-Case Service Indicator Request, TCC Pressure Control Solenoid, TCM VIN Verification, Telltale ABS, Telltale Airbag, Telltale Brake, Telltale Charging, Telltale ESP, Telltale Fog Front, Telltale Glow Plug, Telltale High Beam, Telltale MIL, Telltale Seat Belt, Telltale Tire Pressure Monitor, Telltale Turn Left, Telltale Turn Right, Telltale - ESC, Telltale - ESC Off, Telltale - ESP Off, Telltale - Park, Telltale - Position Lamp, Telltale - Rear Fog, Telltale ESP/BAS, Telltale-Tire Pressure, Telltale-Tire Pressure Monitor, Telltale-Tow Mode, Thermistor Test, Thermostat Drive Duty Cycle, Third Row Center Seatbelt Switch, Third Row Left Seatbelt Switch, Third Row Right Seatbelt Switch, Throttle Test, Throttle Valve, Throttle Valve Actuator, Tilt Mirrors in Reverse, Time Controlled Spring Fill, Timeout Time Flash To Pass, Timeout Time Paddle Shift Switches, Tire Pressure, Tire Pressure Monitoring, Tone Test, Topper Center Mounted Stop Lamp, TOPPER CHMSL, Torque Coupling Control, TOW-HAUL, Tow-Haul Indicator, TPM Sensor Rolls Test, Trac Cntrl Outlet Vlv 1(Normal open), Trac Cntrl Outlet Vlv 2(Normal open), Traction Control Indicator, Traction Control Outlet Valve 1, Traction Control Outlet Valve 2, Trailer Backup Lamps, Trailer BU Lamps, Trailer Tail Lamp Relay, Transfer Case 4WD/Lock/Part Lamp, Transfer Case AWD/Auto/Full Lamp, Transfer Case Low Lamp Request, Transfer Case Neutral Lamp Request, Transmission Component Tests, Treble Settings, Truck Bed Lighting Leds, Truck Cargo Lamps, Trunk/Flipper Glass Release Motor, Trunk-Flipper Glass Release Motor, Tumble Generator Valve, Tuner Rotary Detents, Tuner Rotary Direction, Turbo/VGT Component Replacement, Turn Left, Turn Right, Turn Signal Lamp State, Twilight Sensor Value, UConnect Live Apps Installation, UD Solenoid, UGDO Power Supply, Underdrive Solenoid, Under-Drive Solenoid, Unlock 1/Driver Lock, Unlock 1-Driver Lock, Unlock 2/Passenger Locks, Unlock 2-Passenger Locks, Unlock Run -Start, Unlock RUN-START, Unlock Sequence, Urea (Reductant) Pressure Line Heater Actuation Test, Urea (Reductant) Tank Heater Actuation Test, Urea Dosing Valve Actuation Test, Vacuum Cleaner Power Saver Indicator, Vacuum Cleaner Relay Driver, Vacuum Pump Relay, Variable Displacement AC, Variable Swirl Actuator,



Variable Swirl Valve Shutoff, Variable Valve Timing, VVT Control Valve, Vehicle Speed Output, Vehicle Sway Green, Vehicle Sway White, Vehicle Sway Yellow, Vertical Front, Vertical Rear, Video Input, Video Input Settings, View Last Successful Remote Start Event Data, View Last VTA Trigger Cause Data, View Remote Start Abort Data, View Remote Start Inhibit Data, View Satellite Sensor Information, VLP Solenoid, Volume On-Off Button (Power On-Off), Volume Rotary Detents, Volume Rotary Direction, VTA Indicator LED, VVA Solenoids Pre-Energization, VVL Service Test, VVT Exhaust Phaser 1 Actuator, VVT Exhaust Phaser 2 Actuator, VVT Intake Phaser 1 Actuator, VVT Intake Phaser 2 Actuator, Wastegate Solenoid Control State, Wastegate Solenoid Duty Cycle, Water In Fuel, Water Pump Charge Air Cooling, White Backlighting Buttons, White Backlighting Channel 1, White Backlighting Channel 2, White Backlighting Knob Buttons, White Backlighting Knob Indicators, White Knob Indicators, White Lower Halos, White Upper Halos, Window Control, Window State, Wiper Status, WK Head Rest Relay, Yellow A/C and Auto Indicators, Yellow Button Indicators, Yellow Lane Departure Warning Indicator, Yellow Rear Defrost Indicator, Yellow Recirc Indicator, 3rd Row Headrest Release, ACC Enter In-Plant Mode, Activate TPM High Gain Mode, Airbag Fault Indicator, Backlight Control - Heated Seats, Backlight Control - Other, Brake Failure Indicator, BTSI, Central Lock (Pass Side), Check Engine (MIL) Lamp, Courtesy Lamp 2, Driver Door Lock-Unlock, DRIVER UNLOCK, E-Call Backlight LED, E-Call Green Status LED, E-Call Red Error LED, ELSD System Function Test, Front Vertical Motor, Front Wiper Hi Speed, Front Wiper Low-Int Speed, HVAC Backlight Control, Interior Panel Dimming Lamps 2, KIN OFF LED, KIN RUN LED, KIN Start-Stop Button (SSB) LED, LED Test - Damping Mode Automatic Active, LED Test - Damping Mode Hard / Sport Active, LED Test - Damping Mode Soft Active, Left Rear Door Lock-Unlock, Left Stop-Turn Lamp, Loud Speaker Test, Mode Door 1 (Panel), Passenger Door Lock-Unlock, PLGM Chime Output, Rear Vertical Motor, Right Rear Door Lock-Unlock, Right Stop-Turn Lamp, Select Level Switches-Damping Mode Button, Set Engine RPM, Test Pattern Display, TPMS Generic Failure Lamp, Unlock Left Rear, Unlock Right Rear, User Interface Test, VES Display Screen Control, VES Headphone Tone Test-Headphone 1, VES Headphone Tone Test-Headphone 2, VTA Lamp, Windshield Heater Relay

## ***Ford Coverage***

- Added coverage for 133 new system applications

### **53 new Adjustment type special test:**

ABS Service Bleed, Anti-Lock Brake System (ABS) Calibration, Anti-Lock Brake System (ABS) Module Bleed Configuration, Battery Monitor System Reset, Brake System Pressure Bleeding, Clear Transmission Adaptive KAM Tables, Clear Transmission Adaptive Tables, Climate Control System Actuators Calibration, Do Not Use The Transmission Adaptive KAM Tables, DSM Reset, Electronic Integrated Park Brake, Electronic Integrated Park Brake - Initialization, Electronic Integrated Park Brake - Service Tools, Engine Oil Life Reset, Factory Keyless Entry Code, Hydraulic Control Unit (HCU) Coil Solenoid Calibration, Initialize Adaptive KAM Tables, IVD Initialization Sequence, LIN New Module Initialization, LIN New Module Initialization - BCM, LIN New Module Initialization - IPMB, Misfire Monitor Neutral Profile Correction, Occupant Classification System Module (OCSM) Reset, Passenger System Reset/OCS Reset, PMI - ECU Read/Write (ABS), PMI - ECU Read/Write (ACM), PMI - ECU Read/Write (BCM), PMI - ECU Read/Write (FCDIM), PMI - ECU Read/Write (IPC), PMI - ECU Read/Write (RCM), PMI - Manual Configuration (ABS), PMI - Manual Configuration (ACM), PMI - Manual Configuration (BCM), PMI - Manual Configuration (FCDIM), PMI - Manual Configuration (IPC), PMI - Manual Configuration (RCM), Power Window Initialization - Driver Side, Power Window Initialization - Passenger Side, Relearn Vehicle Data, Relearn Vehicle Data - AWD, Reset KAM, Reset the Outside Air Temperature Sensor Learned Values, Ride Height Calibration, SASM Module Reset, Steering Angle Sensor Calibration, Steering Motor Angle Trim, Steering Toe Adjustment, Steering Wheel Angle Trim,

Stop Trans-Adaptive Learning And Measure Slip Time, TPMS Sensor Training Mode, Valve Calibration, Vehicle Dynamics Suspension Temperature Calibration, VIN Learn

## **280 new Actuation type special tests:**

# Button, % Of Total Fuel Mass To Be Delivered By Direct Inj -Commanded, (Cruise) Resume Switch, (Cruise) Set- Switch, (Cruise) Set+ Switch, \* Button, 4WD-AWD Power Transfer Unit - Clutch Commanded State, 4WD-AWD Power Transfer Unit - High Level Strategy Commanded, 4WD-AWD Rear Differential Unit Actuator -A- Requested Torque, ABS Warning Lamp, A-C Recirculating Servo Position Status, Active Grille Air Shutter -A- Position Commanded, Actuator Supply Voltage -B- Control State, Adaptive Cruise Distance Gap (-) Switch, Adaptive Cruise Distance Gap (+) Switch, Adaptive Front Lighting Fault, Air Conditioning Compressor Commanded State, Air Mode Actuator, Airbag Warning Indicator, All Warning Lamps, AM Button, Anti-Theft Horn Status, AUX (Auxiliary) Button, Auxiliary Switch 1 Output Status, Auxiliary Switch 2 Output Status, Auxiliary Switch 3 Output Status, Auxiliary Switch 4 Output Status, Auxiliary Switch 5 Output Status, Auxiliary Switch 6 Output Status, Auxiliary Switch 7 Output Status, Auxiliary Switch 8 Output Status, Blower Motor Speed, Brake Light Activation, Brake System Fault Indicator Lamp, Brake-Shift Interlock, Camera Power Control, Cancel Button, CD Button, Center High Mounted Stop Lamp Output Control, Channel A (ACM), Channel A (SDARS), Channel A Entertainment System AUX, Channel A Entertainment System INTERNAL, Channel B (ACM), Channel B (SDARS), Channel B Entertainment System AUX, Channel B Entertainment System INTERNAL, Commanded Equivalence Ratio (Air to Fuel Mixture) Bank 1, Commanded Equivalence Ratio (Air To Fuel Mixture) Bank 2, Coolant Overtemp, Coolant Pump -A- is Commanded On, Courtesy Lamps, Courtesy Puddle Step Lamps, Delayed Accessory Power, Desired Idle Speed (Rpm), Dimmer Switch Input Status, Door Ajar Warning Indicator, Door Lock, Output, Driver Door Interior Lock-Unlock Latching Switch Status, Driver Heated Seat, ECO Mode, EGR Valve Position Desired, Eject Button, Engine Coolant Bypass Valve Control Output, Engine Oil Pressure Control Duty Cycle - Commanded, Engine Oil Temperature, Engine Running Fuel Injector Control, Engine Running Fuel Pressure Test, Enter Button, Entertainment System Primary Source, EVAP Leak Test, EVAP Purge/Vent Control, EVAP Vapor Blocking Valve, Evaporative Emission Canister Purge Valve Duty Cycle, Evaporative Emission Canister Vent Valve, Exhaust Flow Control Valve -A- Position - Commanded, Exhaust Flow Control Valve -B- Position - Commanded, Fan control high speed, Fan control low speed, Fan Speed Desired, FM Button, FM Radio Band, Front Blower Relay, Front Fog Lamp Indicator, Front Park Lamps Output, Front Window Down Output, Front Window Up Output, Fuel Gauge Indicator Control, Fuel Pump, Fuel Pump Relay, Fuel Rail Pressure Desired, Generator Voltage Desired, Glow Plug Relay, Heater Control For HO2S 11 And HO2S 21, Heater Control For HO2S 12 And HO2S 22, Heating Element Status/Control, HEV Ready Light, High Beam Indicator, High Pressure Fuel System Test, Horn Relay, Hydraulic Pump Motor, Info (Information) Button, Infotainment System Power, Instrument Illumination, Intake Manifold Runner Control, Key (Removal) Inhibit, KOEO Self Test, KOER Self Test, Lamp Control, LED Backlighting, Left Blend Door Position, Left Climate Seat Mode, Left Cursor Down Arrow, Left Cursor Left Arrow, Left Cursor OK Button, Left Cursor Right Arrow, Left Cursor Up Arrow, Left Front Dump, Left Front Fog Lamp, Left Front Isolation Valve, Left Front Position-Sidemarkers, Left Front Turn Signal Lamp Status, Left Front-Right Rear Traction Control Supply 1, Left Front-Right Rear Traction Control Valve 1, Left Headlamp High Beam, Left Headlamp Low Beam, Left Rear Dump, Left Rear Isolation Valve, Left Rear Turn Signal Lamp Status, Left Rear Turn Signal-Trailer Relay Status, Left Seat Back Heating PWM Control, Left Seat Cooling PWM Control, Left Seat Cushion Heating PWM Control, Left Stop Lamp, Left Stop-Turn Inner Lamp, Left Stop-Turn Middle Lamp, Left Stop-Turn Outer Lamp, Left Turn Signal Lamp Status, Liftgate Release Output Status, Line Pressure Control Desired, Load Shed Output Control, Lock Rear Childlock System, Low Fuel Warning Indication, Low Pressure Fuel Leakdown Test, Low Washer Fluid Warning, Malfunction Indicator Lamp, Max Defrost, Menu Button, Mirror Fold In Output, Mirror Fold Out Output, Next-Last (>|) Button, Oil Pressure (%), Oil Pressure (On/Off), Oil Pressure Low

Indicator, On Demand Test, One-Touch Start Status, Output State Control Of Torque Converter, Over Drive (O-D) off, Passenger Heated Seat, PCM WAKEUP LINE, Performance Shift Lamp, Phone - Mono Primary Source, Phone - Phone Call, Phone - Stereo Primary Source, Phone - Stereo Secondary Source, Phone - Voice Session, Phone Button, Power Balance, Power Button, Power Fold Mirror Activation Status, Power Point Output Relay, Power Supply A, Power Supply B, Preset 0 Button, Preset 1 Button, Preset 2 Button, Preset 3 Button, Preset 4 Button, Preset 5 Button, Preset 6 Button, Preset 7 Button, Preset 8 Button, Preset 9 Button, Prev-First (|<) Button, Primary Audio Source, Rear Defrost (Heated Backlight), Rear Differential Coolant Pump Is Commanded To Pump, Rear Fog Lamp Indicator, Rear Park Lamps Output, Relative Compression, Reverse Lamp, Right Blend Door Position, Right Climate Seat Mode, Right Cursor Down Arrow, Right Cursor Left Arrow, Right Cursor OK Button, Right Cursor Right Arrow, Right Cursor Up Arrow, Right Front Dump, Right Front Fog Lamp, Right Front Isolation Valve, Right Front Position-Sidemarkers, Right Front Turn Signal Lamp Status, Right Front-Left Rear Traction Control Supply 2, Right Front-Left Rear Traction Control Valve 2, Right Headlamp High Beam, Right Headlamp Low Beam, Right Rear Dump, Right Rear Isolation Valve, Right Rear Turn Signal Lamp Status, Right Rear Turn Signal-Trailer Relay Status, Right Seat Back Heating PWM Control, Right Seat Cooling PWM Control, Right Seat Cushion Heating PWM Control, Right Stop Lamp, Right Stop-Turn Inner Lamp, Right Stop-Turn Middle Lamp, Right Stop-Turn Outer Lamp, Right Turn Signal Lamp Status, Run-Accessory Output Control, Run-Start Output Control, Safety Belt Warning Lamp, Satellite Digital Audio Receiver Primary Source, Satellite Digital Audio Receiver Secondary Source, Seat Bolster Deflate, Seat Bolster Inflate, Seat Cooling Control - Left, Seat Cooling Control - Right, Seat Cushion Extend, Seat Cushion Retract, Seat External LED, Seat Lumbar Downward, Seat Lumbar Pump, Seat Lumbar Upward, Seek Left Button, Seek Right Button, Shift Solenoid F Commanded Current, Shift Solenoid Pressure Control A, Shift Solenoid Pressure Control B, Shift Solenoid Pressure Control C, Shift Solenoid Pressure Control D, Shift Solenoid Pressure Control E, Shock Setting Button, Side Light Lamp, Side Mirror Heating Output Control, Side Mirror Turn Signal Lamp Control, Spark Advance, Speed Control (ASLD) Switch, Speed Control Actuator Switch Off, Speed Control Actuator Switch On, Speed Control Cancel Switch, Speed Control Cancel-Resume Switch, Speed Control Gap Switch, Speed Control On-Off Cancel Switch, Speed Control On-Off Switch, Speedometer, Start Button Mode Indicator Control, Starter Motor Control Output Detected, Steering Effort Button, Stop-Start, Tachometer Gauge Indicator Control, Temperature Gauge, Tire Pressure Telltale Status, Tone Button, Torque Converter Clutch Solenoid Commanded Current, Traction Control Indicator, Traction Control Off Indicator, Trailer Tow Park-Tail Lamp Output, Trans Hydraulic Accumulator Sol Ckt - Commanded Energized, Transmission System MIL Fault, Turbo Boost Gauge Pointer Placement Command, Turbo Gauge, Turbocharger Bypass Valve 1, Unlock Rear Childlock System, Variable Camshaft Timing Exhaust Angle Desired, Variable Camshaft Timing Intake Desired Angle, Vehicle Mode, Video Output, Volume, Warning Lamp Status 1 - Charge Warning

## **General Motors Coverage**

- Added coverage for 2 new system applications

### **74 new Adjustment type special tests:**

Adjustable Pedal Calibration, Ambient Air Temperature Calculation Reset, Automated Brake Bleed, Automatic Headlamp Leveling Sensor Learn, AWD Disabled-by-Malfunction Counter Reset, Backup Battery Timer Reset, Brake Pedal Position Sensor Learn, Brake Pedal Travel Sensor Learn, Brake Pressure Sensor Calibration, Brake System Plunger Motor Position Sensor Learn, Brake System Plunger Pressure Rise Starting Point Learn, CAN Bus Configuration Learn, Cancel Camera Learn, Clear Approach Detection Disable Reasons, Clear Disable History Data, Clear Driver Window Learned Values, Clear Left Rear Window Learned Values, Clear Manufacturer Enable Counter, Clear Passenger Window Learned

Values, Clear Right Rear Window Learned Values, Control Module Reset, Copy And Paste TPM Information, Crankshaft Pos Variation Learn, Cylinder Deactivation Exhaust Flow Valve Learn, Engine Block Coolant Valve Position Learn, Engine Coolant Control Valve Learn, Engine Coolant Flow Control Valve Learn, Engine Coolant Pump Data Reset, Engine Oil Life Reset, Exhaust Flow Control Valve Learn, Front Axle Brake Pad Life Monitoring Reset, Fuel Composition Reset, Fuel Pump Driver Control Module Configuration, Fuel Pump Trim Reset, Fuel Rail Pressure Relief Valve Learned Values Reset, Fuel Trim Reset, Hands-Free Liftgate Sensor Control Module Calibration, HO2S Heater Learn, HVAC Actuators Learn, HVAC Afterblow Configuration, Idle Learn Reset, Intake System Learned Values Reset, Invalidate All Fobs, Learned Values Reset, License Compliance Materials Download Error Counter Reset, Liftgate Maximum Open Position Learn, O2 Heater Resistance Reset, Park Brake Calibration, Parking Assist Sensor Learn, Program Key Fob 1, Program Key Fob 2, Program Key Fob 3, Program Key Fob 4, Radio Favorites Reset, Rear Axle Brake Pad Life Monitoring Reset, Rear Gate Driver Information Center Message Reset, Reset High Voltage Disable Request After Crash Event Detected, Reset Teen Driver Key PIN, RVS Disable History Reset, Steering Angle Sensor Calibration, Steering Angle Sensor Centering, Steering Wheel Angle Sensor Centering, Steering Wheel Angle Sensor Offset Calibration, Timing Belt Life Reset, Tire Pressure Reset, Tire Pressure Sensor Registration, Tire Pressure Sensor Signal Reset, Tire Type/Pressure Selection, Transmission Adaptive Pressure Reset, Transmission Service Fast Learn, Turbocharger Wastegate Learn, Vehicle Dynamic Sensor Offset Calibration, WLAN Password Reset, WLAN Service Set Identifier (SSID) Reset

### **305 new Actuation type special tests:**

A/C Relay, AC Compressor Solenoid Valve, Accent Lighting 1, Accent Lighting 2, Accessory Power Mode Indicator, Accessory Power Relay, Accessory/Retained Accessory Power Relay, Activate Rear Park Brake Service Position, Active Grill Air Shutter 1, Active Grill Air Shutter 2, Active Grill Air Shutter System, Air Cleaner Monitor Setup, Air Recirculation Door Motor Direction, All Door Lock Unlock, All Indicators, Audio Source Control, Autostart/Autostop, Auxiliary Coolant Pump Relay, Auxiliary Ignition Run Relay, Auxiliary Transmission Fluid Pump, Backup Lamps, Blower Motor, Blower Motor Speed, Brake Hydraulics Test, Brake System Hydraulics Corner Test, Brake Transmission Shift Interlock Solenoid Actuator, Cancel Valet Mode, Cargo Lamp, Catalyst Test, Center Brake Lamp, Center High Mounted Stop Lamp, Child Security Lock Indicator, Child Security Lock Motors, Child Security Lock/Window Lockout Switch Indicator, Chime, Compression Test, Control Functions, Cooling Fan 1, Cooling Fan 2, Courtesy Lamps, Cylinder Deactivation Exhaust Flow Control Valve, Cylinder Power Balance, Deactivate Brake Boost System, Deactivate Rear Park Brake Service Position, Depressurize Fuel System, Door Dead Lock Lock/Unlock, Driver Mirror Fold, Driver Mirror Movement, Driver Seat - Blower Command, Driver Seat Back Horizontal Movement, Driver Seat Cushion Front Vertical Movement, Driver Seat Cushion Heating, Driver Seat Cushion Left Front Haptic Movement, Driver Seat Cushion Left Rear Haptic Movement, Driver Seat Cushion Rear Vertical Movement, Driver Seat Cushion Right Front Haptic Movement, Driver Seat Cushion Right Rear Haptic Movement, Driver Seat Horizontal Movement, Driver Seat Lumbar Support Horizontal Movement, Driver Upper Seat Back, Driver Window Motor, Engine Block Coolant Valve, Engine Controls Ignition Relay, Engine Coolant Control Valve Mode, Engine Coolant Pump, Engine Coolant Pump Relay, Engine Mount Actuator Output 1, Engine Mount Actuator Output 2, Engine Oil Pressure Control Solenoid Valve, Engine Oil Type Setup, Engine Speed Control, Erase Valet Mode Code, EVAP Purge Pump, EVAP Purge Solenoid, EVAP Purge Solenoid Valve, EVAP Purge Solenoid Valve Leak Test, EVAP Purge/Seal, EVAP Service Bay, EVAP Vent Solenoid, Exhaust Camshaft Position Actuator Bank 1, Exhaust CMP Actuator, Exhaust CMP Actuator Solenoid Bank 1, Exhaust Flow Control Valve System, Exterior Driver Door Handle Switch, Exterior Left Rear Door Handle Switch, Exterior Passenger Door Handle Switch, Exterior Right Rear Door Handle Switch, Front Fog Lamps, Fuel Door Unlatch, Fuel Injector Balance, Fuel Pressure, Fuel Pressure Regulator, Fuel Pump, Fuel Pump Enable, Fuel Rail Pressure, Fuel Trim Enable, GEN L-Terminal, Generator Regulator Setpoint,

Green Indicator, Hands-Free Liftgate Sensor Lamp, Hands-Free Sensor Lamp Command, Hazard Lamps Switch Backlight, Headlamp Washer Relay, Headlamps Vertical Motors, Head-Up Display Dimming Level, Head-Up Display Pattern Check, High Beams, High Side Driver 1, High Side Driver 2, HO2S Heater Sensor 1, HO2S Heater Sensor 2, Horn Relay, Illuminate All Indicators, Inadvertent Load, Indicator Dimming, Info Display Dimming, Info Display Test, Instrument Cluster Dimming, Instrument Cluster Gauge Sweep, Intake Cam Position Actuator Park Lock B1, Intake Camshaft Position Actuator Bank 1, Intake CMP Actuator Solenoid, Key Fob Button Test, Lane Departure Warning Indicator, LED Backlight Dimming, Left Backup Lamp, Left Daytime Running Lamp, Left Dedicated Daytime Running Lamp, Left Fog Lamp, Left Front Brake Pressure Test, Left Front Corner, Left Front Park Lamp, Left Front Shock Absorber Actuator, Left Front Speaker Test, Left Front Turn Signal Lamp, Left Headlamp Low Beam, Left High Beam, Left Low Beam, Left Low Beam/Daytime Running Lamp, Left Lower Park/Daytime Running Lamp, Left Park Brake Actuator, Left Park Lamps, Left Rear Brake Pressure Test, Left Rear Brake/Park Lamp, Left Rear Corner, Left Rear Seat Heating Indicator, Left Rear Shock Absorber Actuator, Left Rear Speaker Test, Left Rear Turn Signal Lamp, Left Rear Turn Signal/Brake Lamp, Left Rear Turn Signal/Stop Lamp, Left Rear Window Motor, Left Side Marker Lamp Command, Left Stop Lamp, Left Tail Lamp, Left Temperature Door Motor Direction, Left Trailer Tow Turn/Stop Lamp, Left Trailer Turn Signal Lamp, Left Turn Signal, License Plate Lamps, Lift Gate Module Open/Close Test, Liftgate Window Unlatch, Loop Status, Low Beam Lamps, Malfunction Indicator Lamp, Master Cylinder Pressure Test Data, Mirror Folding Control, Mode Door Position, Next Available Slot, Object Detection Alert Indicators, Outside Rear View Mirror Courtesy Lamp, Parking Assist Switch LED, Passenger Mirror Fold, Passenger Mirror Movement, Passenger Seat - Blower Command, Passenger Seat Cushion Heating, Passenger Window Motor, Phone Call Test, Power Mode Timeout, Proactive Alerts, Radio Tuner AM Frequency, Radio Tuner FM Frequency, Read LIN Bus Device ID Information, Rear Brake Caliper Piston Extend, Rear Brake Caliper Piston Retract, Rear Cross Traffic Audible Alert, Rear Cross Traffic Visual Alert, Rear Defrost, Rear Differential Clutch Motor Current, Rear Fog Lamp(s) Relay, Rear Fog Lamps, Rear Washer Relay, Rear Wiper, Rearview Camera Display, Red Indicator, Right Backup Lamp, Right Daytime Running Lamp, Right Dedicated Daytime Running Lamp, Right Fog Lamp, Right Front Brake Pressure Test, Right Front Corner, Right Front Park Lamp, Right Front Shock Absorber Actuator, Right Front Speaker Test, Right Front Turn Signal Lamp, Right Headlamp Low Beam, Right High Beam, Right Low Beam, Right Low Beam/Daytime Running Lamp, Right Lower Park/Daytime Running Lamp, Right Park Brake Actuator, Right Park Lamps, Right Rear Brake Pressure Test, Right Rear Brake/Park Lamp, Right Rear Corner, Right Rear Seat Heating Indicator, Right Rear Shock Absorber Actuator, Right Rear Speaker Test, Right Rear Turn Signal Lamp, Right Rear Turn Signal/Brake Lamp, Right Rear Turn Signal/Stop Lamp, Right Rear Window Motor, Right Side Marker Lamp Command, Right Stop Lamp, Right Tail Lamp, Right Temperature Door Motor Direction, Right Temperature Door Position, Right Trailer Tow Turn/Stop Lamp, Right Trailer Turn Signal Lamp, Right Turn Signal, Run Crank Relay, Run/Start Power Mode Indicator, Seat Back Horizontal Movement, Seat Back Side Bolster Movement, Seat Belt Retractor Motor, Seat Cushion Front Vertical Movement, Seat Cushion Rear Vertical Movement, Seat Horizontal Movement, Seat Lumbar Support Horizontal Movement, Seat Lumbar Support Vertical Movement, Security Indicator, Security Siren, Shift Transmission Gear, Shock Absorber Front Left, Shock Absorber Front Right, Shock Absorber Rear Left, Shock Absorber Rear Right, Spark Retard, Speech Recognition, Starter Motor Relay, Starter Pinion Solenoid Actuator Relay, Steering Column Adjustment, Steering Column Telescope In, Steering Column Telescope Out, Steering Column Tilt Down, Steering Column Tilt Up, Stop Lamp, Stop/Start Select Switch Indicator, Suspension Position Sensor Trim Height, TAC Motor, TCC Control Solenoid, TCC Pressure Control Solenoid Valve, Throttle Position, Throttle Sweep, Trailer Backup Lamps, Trailer Brake Duty Cycle, Trailer Brake Relay, Trailer Brake Switch Indicator, Trailer Park Lamps, Transmission Accumulator Solenoid Valve, Transmission Control Solenoid Valve 1, Transmission Control Solenoid Valve 1 Current, Transmission Control Solenoid Valve 10, Transmission Control Solenoid Valve 2, Transmission Control Solenoid Valve 2 Current, Transmission Control Solenoid Valve

3, Transmission Control Solenoid Valve 3 Current, Transmission Control Solenoid Valve 4, Transmission Control Solenoid Valve 4 Current, Transmission Control Solenoid Valve 5, Transmission Control Solenoid Valve 5 Current, Transmission Control Solenoid Valve 6, Transmission Control Solenoid Valve 6 Current, Transmission Control Solenoid Valve 7, Transmission Control Solenoid Valve 7 Current, Transmission Control Solenoid Valve 8, Transmission Control Solenoid Valve 8 Current, Transmission Control Solenoid Valve 9, Transmission Cooling Fan Duty Cycle, Transmission Park Valve Lock Solenoid Actuator, Transport Mode, Trunk Lamp, Trunk Lid Unlatch, Turbocharger Bypass Solenoid Valve, Turbocharger Wastegate Position, Update Air Temperature, Vehicle Health Data Upload, Wastegate Actuator, Wastegate Solenoid Duty Cycle, Window Lockout Switch Indicator, Windshield Washer Pump, Windshield Washer Relay, Windshield Wiper Motor, Windshield Wiper Motor Relay, Windshield Wiper Relay

## ***New Coverage – USA Asian***

### **Genesis Coverage**

- Added coverage for 211 new system applications

#### **14 new Adjustment type special tests:**

Adaptive Value Backup & Input (ECU & Transfer Assy replacement, Adaptive Value BackUp & Input (ECU replacement), Air Bleeding Mode, Assembly Check(ECU Replacement), Auto Detected Configuration Reset, Clutch Learning Reset, Reset Adaptive Values, Reset of Injector Q-stat Adaptation, Resetting E-CVVT Values, Steering Angle Sensor (SAS) Calibration, Steering Limit Position Setting, Vehicle Name Writing, Wheel Sensor ID Writing, Write VIN

#### **260 new Actuation type special tests:**

A/C Compressor Relay, AC Compressor Relay, A-C Compressor Relay, Active Air Flap Test, AFLS AIMG Mode, Assist Door Courtesy Lamp, Assist Outside Mirror Down, Assist Outside Mirror Left, Assist Outside Mirror Right, Assist Outside Mirror Up, Assist Power Window DOWN, Assist Power Window UP, Assist Seat Belt Indicator, Auto Cut Relay, Auxiliary Fuel Injector for Flexible fuel, Auxiliary Fuel Pump for Flexible fuel, AVM + FrontLeft + FrontRight View, AVM + RearLeft + RearRight View, Back Up Lamp, Bifunction Headlamp High LH Solenoid IPS Output, Bifunction Headlamp High RH Solenoid IPS Output, BSD Switch LED ON-OFF, Burglar Horn Relay, Canister Purge Valve, Canister Shut Off Valve (OBD-2 Only), Canister Shut Off Valve Clocked(OBD-2 Only), Canister Shut Off Valve(OBD-2 Only), Chageover Valve, Change Oil Lamp, CKP CMP Signal Test, Clutch Reference Position Check, Cooling Fan PWM, Cornering Lamp LH Output, Cornering Lamp RH Output, Cruise Control Main Lamp(Optional), Cruise Control SET Lamp(Optional), CVVD Intake, CVVT Exhaust, CVVT Test, Cylinder Power Balance, DBL(Dynamic Bending Light) Max Position-LH, DBL(Dynamic Bending Light) Max Position-RH, DBL(Dynamic Bending Light) Middle Position-Center, Dead Lock Relay, Dedicated DRL Output (Option), Defogger - Deicer Relay, Door Lock Relay, Door Unlock Relay, Driver Door Unlock Relay (Option), Driver Seat Heat Mode to the High, Driver Seat Vent Mode to the High, DRVM (Driving Rear View Monitor), Electrically Controlled Water Pump, Electronic Waste Gate Valve (Turbo Only), Electronically Controlled Water Pump(CWP), Engine Check Lamp [MIL], Engine Check Lamp(MIL), ETC Motor, EVAP Leak Test, EVAP Leakage Test, Event Indicate LED On-Off, Exhaust Flap(EF), Exhaust Gas Recirculation, Exhaust Gas Recirculation Valve, Fan Motor Control-High Speed, Fan Motor Control-Low Speed, Fan PWM, Flasher Sound Relay(Optional), Front Deicer Relay, Front Fog Cornering Lamp Left Output, Front Fog Cornering Lamp Right Output, Front Fog Lamp Output, Front Indicate LED On-Off, Front Seat Heat Mode to the High, Front Seat Vent Mode to the High, Front Top-AVM View, Front Turn Signal Lamp

Activation LH Output, Front Turn Signal Lamp Activation RH Output, Front-AVM View, Front-Left View, Front-Right View, Front-SVM View, Front-Wide View, Fuel Lid Lock Relay, Fuel Lid Unlock Relay, Fuel Pressure Indicator Lamp, Fuel Pressure Indicator Lamp(LPI), Fuel Pressure Regulator (GDI Only), Fuel Pressure Regulator (GDI Only), Fuel Pump Control, Fuel Pump Relay, Fuel Tank Isolation Valve, Full AFLS BPS Test Class C, Full AFLS BPS Test Class E, Full AFLS BPS Test Class E1, Full AFLS BPS Test Class E2, Full AFLS BPS Test Class HIGH, Full AFLS BPS Test Class V, Full AFLS BPS Test Class W, Full AFLS BPS Test LED OFF, Gauge ON, Haptic Steering Wheel Motor Output, Hazard Indicator, Head Lamp High Output, Head Lamp High Relay, Head Lamp Leveling Max(High) Position, Head Lamp Leveling Min(Low) Position, Head Lamp Low Output, Head Lamp Washer Relay, Heated Washer Nozzle Relay, HICM Activate Diagnostics, HICM Relay, High Mounted Stop Lamp Output, HLL(Head Lamp Leveling) Middle(Center) Position, HMI Mirror Alert Left LED Blinking, HMI Mirror Alert Left LED ON, HMI Mirror Alert Right LED Blinking, HMI Mirror Alert Right LED ON, HMI Switch LED, Ignition Coil 1, Ignition Coil 2, Ignition Coil 3, Ignition Coil 4, Ignition Coil Enable-Disable-#1, Ignition Coil Enable-Disable-#2, Ignition Coil Enable-Disable-#3, Ignition Coil Enable-Disable-#4, Ignition Coil Enable-Disable-#5, Ignition Coil Enable-Disable-#6, Ignition Coil Enable-Disable-#7, Ignition Coil Enable-Disable-#8, Immobilizer Lamp(Optional), Indicator ALL OFF, Indicator ALL ON, Indicator Output 100%, Indicator Output 25%, Injector Disable-Cylinder 1, Injector Disable-Cylinder 2, Injector Disable-Cylinder 3, Injector Disable-Cylinder 4, Injector Disable-Cylinder 5, Injector Disable-Cylinder 6, Injector Disable-Cylinder 7, Injector Disable-Cylinder 8, ISG Test(Optional), Lamp Control, Left Mirror LED Blinking, Left Mirror LED ON, Luggage Lamp, Main Relay, Manually Active Air Flap Close, Manually Active Air Flap Open, Mirror Folding Operation (Option), Mirror Unfolding Operation (Option), Move P/SEAT to the Foremost Position(Cushion Extension), Move P/Seat To The Foremost Position(Recline), Move P/Seat To The Foremost Position(Slide), Move P/Seat To The Highest Position(FR Height), Move P/SEAT to the Highest Position(Head Rest), Move P/Seat To The Highest Position(RR Height), Move P/SEAT to the Last Position(Cushion Extension), Move P/Seat To The Last Position(Recline), Move P/Seat To The Last Position(SILDE), Move P/Seat To The Lowest Position(FR Height), Move P/SEAT to the Lowest Position(Head Rest), Move P/Seat To The Lowest Position(RR Height), Move P-Seat to the Foremost Position (Footrest), Move P-Seat to the Last Position (Footrest), Move Steering Column At The Longest Position (Tele), Move Steering Column At The Shortest Position (Tele), Move Steering Column To The Highest Position (Tilt), Move Steering Column To The Lowest Position (Tilt), NO.1 INJECTOR, NO.2 INJECTOR, NO.3 INJECTOR, NO.4 INJECTOR, O2 Heater Front, O2 Heater Front (B1-S1), O2 Heater Front (B2-S1), O2 Heater Rear, O2 Heater Rear (B1-S2), O2 Heater Rear (B2-S2), Oil Change Warning Lamp, Oil Control Valve - Exhaust Bank 1, Oil Control Valve - Exhaust Bank 1(Optional), Oil Control Valve - Exhaust Bank2, Oil Control Valve - Intake Bank 1, Oil Control Valve - Intake Bank1, Oil Control Valve - Intake Bank2, Oil Ctrl Val-Exhaust Bank1(Optional), Parasitic Current Auto-Block IPS, Passenger Seat Heat Mode to the High, Passenger Seat Vent Mode to the High, Perform CPU (Video Recording and Display Output) On-Off, Perform Erase All Video File, Perform Event Recording, Power Window Relay, PSB Retraction Test for Equipment LH, PSB Retraction Test for Equipment LH&RH, PSB Retraction Test for Equipment RH, Radiator Cooling Fan PWM, Read VIN, Rear Center Seat Belt Indicator, Rear Defogger Relay, Rear Fog Lamp, Rear Left Cooler Switch On, Rear Left Heater Switch On, Rear Left Power Window DOWN, Rear Left Power Window UP, Rear Left Seat Belt Indicator, Rear LH Seat Heat Mode to the High, Rear LH Seat Vent Mode to the High, Rear RH Seat Heat Mode to the High, Rear RH Seat Vent Mode to the High, Rear Right Cooler Switch On, Rear Right Heater Switch On, Rear Right Power Window DOWN, Rear Right Power Window UP, Rear Right Seat Belt Indicator, Rear Seat Heat Mode to the High, Rear Seat Vent Mode to the High, Rear Top-AVM View, Rear Wiper Relay (Option), Rear-AVM View, Rear-Left View, Rear-Right View, Rear-SVM View, Rear-Wide View, Right Mirror LED Blinking, Right Mirror LED ON, RL Door Lock Relay, RL Door Unlock Relay, RL-RR Power Window Enable Output, SBL Function Test SBL LH ON, SBL Function Test SBL ON(ALL), SBL Function Test SBL RH ON, Shift Control Solenoid Valve A(UD-B), Shift Control Solenoid Valve B(2-6-B), Shift Control Solenoid Valve

C(35R-C), Shift Control Solenoid Valve D(OD-C), Start Inhibit Relay (Option), Static Bending LH Output (Option), Static Bending RH Output (Option), Stop Lamp Left, Stop Lamp Left-Right, Stop Lamp Right, System Identification, Tail Lamp Output(Exterior), Tail Lamp Output(Interior), Tail Lamp Relay, Tailgate-Trunk Release Relay, TCI Bypass Valve (Turbo Only), TCI Bypass Valve(Turbo Only), Turn LH Output, Turn RH Output, Vacuum Pump (ELCM), Variable Intake Solenoid(Optional), VCM Motor (Option), VCM Motor(Optional), Waste Gate Valve (Turbo Only)

## **Mazda Coverage**

- Added coverage for 49 new system applications

### **18 new Adjustment type special test:**

Brake Fluid Pressure Sensor Initialization, Calibrating Lateral G Sensor for DSC, Calibrating Longitudinal G Sensor for DSC, Calibrating Pressure Sensor for DSC, Calibrating Yaw Rate for DSC, Calibration For Passenger Seat Sensor, Change Engine Oil Maintenance Monitor Setting, Engine Oil Life Reset, Engine Oil Press Sol. Valve - Oil deteriorate diagnostic reset, Lateral Acceleration Sensor Initialization, Longitudinal Acceleration Sensor Initialization, Reading the Characteristic Value of Coupling, Reset KAM, Special Ignition ON, The Zero Position Learning for Yaw Rate Sensor, Tire Pressure Sensor Registration, TPMS Reset, Yaw Rate Sensor Initialization

### **79 new Actuation type special tests:**

Active Grill Air Shutter Position, Air Conditioning Compressor Cycling Switch, Alarm, All LCD Segments, All Warning Lamp and Indicator Lamp, Blower Motor Relay, Burglar Horn Relay, Buzzer, Control Request of Door Lock Relay to ESU, Control Request of Door Unlock Relay to ESU, Control Request of Reverse Lamp to ESU, Control Request of Room Lamp to ESU, Control Request of Trunk/Cargo Compartment Light to ESU, Control Request of Trunk/Liftgate Electric Latch Motor to ESU, Desired RPM, Desired SEGRP Valve Position, DRL Control Request to ESU, EATC Operation Check, Electric Oil Pump, Engine Oil Press Sol. Valve - Event Data Recorder Set, EVAP Canister Purge Valve, EVAP Canister Vent Valve, FAN1 Control Signal, FAN2 Control Signal, FAN3 Control Signal, Front Fog Relay, Front Washer Control Request to ESU, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Pump, Head Light Cleaner Relay, Headlight Hi Beam Control Request to ESU, Headlight Low Beam Control Request to ESU, Horn Relay, Inlet Valve Left Front, Inlet Valve Left Rear, Inlet Valve Right Front, Inlet Valve Right Rear, Intake Manifold Tuning Valve, KOEO Self Test, KOER Self Test, Mirror Warning Indicator - Left, Mirror Warning Indicator - Right, On Demand Test, ON/OFF Solenoid 1, ON/OFF Solenoid 2, ON/OFF Solenoid 3, ON/OFF Solenoid 4, ON/OFF Solenoid 5, Outer Buzzer, Outlet Valve Left Front, Outlet Valve Left Rear, Outlet Valve Right Front, Outlet Valve Right Rear, PTC Heater Status, Pump Motor Supply, Rear Defogger Relay, Rear Fog Lamp, Rear Wiper Control Request to ESU, Shift Solenoid A Commanded Current, Shift Solenoid B Commanded Current, Speedometer, Stability Control Valve (Left Front / Right Rear), Stability Control Valve (Right Front / Left Rear), Stop Lamp Control, Tachometer, Target Exhaust VVT Control - Retard Amount from Advance Pos., TNS Control Request to ESU, Torque Converter Clutch Solenoid Current, Touch Sensor Power (Left Front), Touch Sensor Power (Right Front), Traction Control Valve (Left Front / Right Rear), Traction Control Valve (Right Front / Left Rear), Vacuum Pump Status Feedback Value, Variable Fan Duty Cycle, Vehicle Drive Device Function Test Mode, Wastage Valve Position

## **Nissan/Infiniti Coverage**

- Added coverage for 79 new system applications

### **237 new Adjustment type special tests:**



A/F Initial Learning, A/F Sensor Response Diagnosis Status B1, A/F Sensor Response Diagnosis Status B2, Active Control Engine Mounting A, Active Control Engine Mounting B, Actuator Air Bleeding Pattern, Adaptives After Replacing Particulate Filter, Adjustment: Type Of Alarm Signal, AFT Maintenance, After Camshaft Position Sensor Replacement, After Clutch Pedal Switch Replacement, After Crankshaft Position Sensor Replacement, After Electric Throttle Control Actuator Replacement, After Fuel Injector Replacement, After Fuel Rail Pressure Sensor Replacement, After High Pressure Fuel Pump Replacement, After Turbocharger Replacement, After Turbocharger Solenoid Valve Replacement, Air Bleed, Air Bleeding, Air Bleeding - FL Line, Air Bleeding - FR Line, Air Bleeding - RL Line, Air Bleeding - RR Line, Air Bleeding Pattern - RL Wheel, Air Bleeding Pattern - RR Wheel, Air Fuel Ratio Correction Value, Air Fuel Ratio Sensor, ALC Setting, Anti Theft Alarm Trigger Setting, Anti-Lock Out Set, AP Position Learn Clear, Auto Door Lock, Auto Light Logic Setting, Auto Park Inhibition, Automatic Door Locking, AUTOMATIC DOOR UNLOCK SELECT, Automatic Lock Setting, Automatic Lock/Unlock Set, Automatic Unlocking, Auxiliary Gearbox Clutch Point Learning, Battery Discharge Current Integration Clear, BCM Diagnosis When Engine Does Not Start, BCM Diagnosis When the Door Lock Is Malfunctioning, Blind Spot Detection Configuration, Blind Spot Detection Shut-Off Requester Test, Blow Mode, Blow Set, Calibrate Yaw Rate Sensor, Cause of Auto Cancel 2, Cause of Auto Cancel 4, Cause of Auto Cancel 6, CC/SL Program, Check Fuel Lines, Clear Air-Fuel Ratio Learning, Clear ETC Learning, Clear E-VTC Op Learned Angle (Exh), Clear E-VTC Op Learned Deviation Angle (Exh), Clear FFD, Clear LPG Air-fuel Ratio Learning, Clear Normal TAS Learning, Clsd Thl Pos Learn, Clutch Pedal End Stroke, Clutch Point Learning, CLUTCH SENSOR RESET, CML Battery Discharge Current Integration Clear, CO Adjustment, Communication Test With Key, Computer Programming, Conform CVTF Deterioration, Cumulative Sub-Battery Discharge Current Clear, Custom A/Light Setting, Decel G Sensor Calibration, Diagnosis for Remote Engine Starter, Door Lock / Unlock, Door Motor Starting Position Reset, Door Open Detection Acoustic Alarm, Door unlocking Driver door/all doors, Door Unlocking Triggering Delay, DPF Regeneration, Drain System Air Bleeding Pattern, Dual battery relay voltage drop count data clear, ECO Mode Reset Function, EGR Control Valve Closed Position Learning, Electric Intake Valve Timing Control Learning, Electric O.P Air Bleeding, Electric Oil Pump Air Bleeding, Electric Parking Brake System: Test Mode Procedure, Engine Adaptive, Engine basis parts value 1 and 2 clear, Engine Brake Adjustment, Engine Start by I-Key, Erase Calibration Data, Erase Learning Value, Erase Memory Data, Erase Statistic Memory, Ethanol Concentration, EVAP System Close, FEB Operation Mileage, Fine Adjustment Front View Camera Top View, Fine adjustment of DS camera, top view, Fine adjustment of PAS camera, top view, Fine Adjustment Reversing Camera Top View, Finish Brake Pad Replacement, FRE Memory Set, Front Camera Guidelines Correction, Fuel Pressure Release, Fuel Supply Prevention, FWD Clutch Point Learning, G Sensor Calibration, GPF Service Regeneration Reset Routine Execution, High Pressure Fuel Circuit Fault Finding, High Pressure Fuel Pump Total Starts Counter Clear, Horn Chirp Setting, Horn With Keyless Lock, ID Read, ID Registration, Idle Air Vol Learn, Idle Air Volume Learn, Ignition Battery Saver Set, Ignition Timing (ADV), Ignition Timing Adjustment, Illumination Delay Setting, Initialization Position Adjustment, Injection Pump Adaptive, Injection Timing, Interior Light/Door Lock Interaction Setting, Interval of Oil Change (OCS) Oxidation, Key Acknowledgement Signal On Locking, Key Acknowledgement Signal On Unlocking, Key Battery Flat Warning, Lane Dep.Warning Camera Shut-Off Requ.Test, Lane Departure Warning Camera Configuration, Launch Control Counter Reset, Levelizer Adjustment, Lock/Unlock By I-Key, Longitudinal G Sensor Calibration, M/T Neutral Pos Learn, Misfire Count (Past), Misfire count (real-time), Multi Answer Back Setting, Number of Starting 1, Number of Starting 2, Number of Starting 3, Number of Starting 4, Number of Starting Cycles, Oil Change Interval (OCS) Dilution, Panic Alarm Triggering Delay, Power Supply Air Bleeding Pattern 1, Power Supply Air Bleeding Pattern 2, Pressure Sensor Initialization, Program Key Fobs, Programmed Values, Programming Reinitialization, Programming Selections/Engaging Zones, R Lamp Timer Logic Setting, Rear Door Window Open Detect. Acoustic Alarm, Rear Lid Unlocking Triggering Delay, REC Memory Set, Regeneration of Gasoline Particulate Filter, REMO CONT ID CONFIR,

Remo Cont ID Erase, REMO CONT ID REGIST, Reset Adaptation Values for Shift Operation, Reset Adaption To Factory Setting, Reset Fuel And Timing Learn Tables, Reset Fuel Consumption Short Term Log, Reset Memory, Reset to Default Settings, Reset Vehicle Height Initial Value, Retained Power Setting, Reversing Camera Guidelines Correction, Room Lamp Off Timer Setting, Room Lamp On Timer Setting, Room Lamp Timer Setting, Rotary Position Sensor Learn, RTCV Actuator Calibrate, Save Computer Data, Save/Write Data for CPU Replace, SC Magnetic Clutch Engage Count Clear, Self-Learning Cont, Set R-DEF Timer, Set Rear Temperature Correction, Set Temperature Correction, Shift Drum Reference Position, Solenoid VTC Operation Start Duty Learning, Start Brake Pad Replacement, Start OBD test: Catalytic converter, Start OBD test: O2 sensors, Starter Operation Count Clear, Starter Operation Counter Clear, Steering Angle Initialization, Steering Angle Sensor Adjustment, Steering Angle Sensor Calibration, Stop/Start engine restart cause data recorder, Stop/Start engine stall cause data recorder, Stop/Start prohibit cause data recorder, Sub-Starter & Generator Oper Count Clear, Supercharger Magnet Clutch Engagement Count Clear, System Mode Change, Target Evaporator Temperature Upper Limit Setting, Target Idle RPM Adjustment, Target IGN TIM ADJ, Target Ignition Timing Hold, Tcu Activate Setting, Teach-in Of Selection Range Sensor, Temp Set Correct In Deg C, Temp Set Correct In Deg F, Tire Pressure Sensor Registration, Trunk Open Set, Upshifts, Usual Air Bleeding - All lines, Usual Air Bleeding - FL Line, Usual Air Bleeding - FR Line, Usual Air Bleeding - RL Line, Usual Air Bleeding - RR Line, V/T Control Learn, Valve Calibration, Valve Check, Valve Flushing, Valve Timing Adjustment, Valve Timing Offset Data Clear, Valve Timing Offset Data Writing, Vcr Base Position Learning, VIN Registration, VVEL Position Sensor Adj Prepare, Waste Gate Actuator Position Learning Value Clear, Waste Gate Regulation, Weight Classification Sensor Reset, Wiper Speed Setting, Write Fuel Learn Value, Write High Pressure Fuel Pump Total Starts Count, Write Saved Data, Write Starter Operation Count, Write VIN, WRITE VIN(MANUAL INPUT), Zero Point Reset Function

### **813 new Actuation type special tests:**

(TBD)EAP FAIL IND, (TBD)Epkb Request, (TBD)EPS Reaction Force Request, (TBD)Hand Free Warning, (TBD)LDP L STEP, 12V BATTERY CHARGE W-L, 4WD AT Flow, 4WD Warning Light, 5TH BOW SYSTEM, A/C Compressor, A/C Compressor Relay Control, A/C Indicator, A/F Sensor Heater, AAC/V Output Duty, AAC/V Output Step, ABS Front Left Hold Solenoid, ABS Front Left Release Solenoid, ABS Front Right Hold Solenoid, ABS Front Right Release Solenoid, ABS Motor, ABS Rear Left Hold Solenoid, ABS Rear Right Hold Solenoid, ABS Rear Right Release Solenoid, ABS Solenoid, ABS Solenoid (SRLR), ABS Warning Light, AC Compressor, AC Compressor Relay, A-C INDICATOR, ACC Indicator, ACC Indicator Lamp, Accelerator Pedal Actuator Test 1, Accelerator Pedal Actuator Test 2, Accumulator Zero Down, Accy/RAP Relay, Activate Demo Mode Of Exterior Lamp, Activate the Slip Indicator Light, Activate the Starter Cut Relay, Active Grille Air Shutter, Active Grille Shutter, Active Pedal, ADAS BUZZER, ADAS Buzzer 2, Advanced Homogeneous Direct Injection Angle, Advanced Stratified Direct Injection Angle, AEB Disp, A-F Ratio Cntrl Stop & Stratified Chrg Cmb Trnsfr, Air Bypass Valve Solenoid, Air Cond Rly, Air Conditioner Relay Output, Air Conditioner Test, Air Inlet Control Flap On Front End Panel, Air Inlet Flap, Air Pump, Air Pump Relay, Air/Liquid Pump Of Camera, ALC Disp, ALC Level, ALL INDICATORS DRIVE, All LCD Segments, ALL SEG, All Shock Absorber, Alternator Duty, Alternator Duty Cycle, Alternator Voltage, ANC Test Tone, Answer Back With I-Key Unlock, Antenna Self-Test, Anti Key Lock In Function, ARC Disp, ARC Disp 2, ARS Warning Light, AS Seat Lamp Test, Assist Seat Lamp Test, ATC 1 Disp, ATC 2 Disp, ATC 3 Disp, ATC 4 Disp, ATC 5 Disp, A-TRC(TRAC) Indicator Light, Auto ACC 1, AUTO ACC 2, Auto LSD Indicator Light, Auto Mode, Auto Stop Start, Automatic Back Door, Back Door/Trunk Lock Relay, Back Door/Trunk Unlock, Back Dr Open Warn, Battery Cooling, Battery Heater, Battery Saver, BCI Warning Indicator, BH Operated Light, BH Standby Indicator, Boost Pressure, Booster Solenoid, Boot/Trunk Open, Brake Actuator, Brake Actuator 1 Mode 1, Brake Actuator 1 Mode 2, Brake Actuator 1 Mode 3, Brake Actuator 2 Mode 1, Brake Actuator 2 Mode 2, Brake Actuator 2 Mode 3, Brake Actuator 3 Mode 1, Brake Actuator 3 Mode 2, Brake Actuator 3 Mode 3, Brake Hold Disp, Brake Hold Display, Brake

Operation, Brake Release, Brake SW, Brake Switch, Brake Warning Light, BSI Indicator On, BSI ON Indicator, BSI Warning Indicator, BSW On Indicator, BSW Warning Lamp, BSW/BSI WARNING LAMP, BSW-BSI INDICATOR DRIVE, BSW-BSI WARNING LAMP, Buzzer, BUZZER DRIVE, Camshaft Dephaser: Solenoid Valve Slide Movement, Camshaft Positioner, Canister Bleed Solenoid Valve, Canister Drain Cut Valve, Cargo Lamp Output, Catalyst Exhaust Gas Downstream O2 Resistance Heater PWM, Catalyst Exhaust Gas Upstream O2 Resistance Heater PWM, Cause of Auto Cancel 1, Causes Of Engine Stop Prevention, CBV Position Override, Charge Air Cooler Cooling Electric Water Pump, CHARGE STAT INDICATOR 1, CHARGE STAT INDICATOR 2, CHARGE STAT INDICATOR 3, Charge Status Indicator 1, Charge Status Indicator 2, Charge Status Indicator 3, Check Activated Canister Shutoff Valve, Check Boost Pressure Control, Check Component Purging Pressure Control, Check Coolant Pump Switchover Valve, Check Coolant Thermostat Heating Element, Check Cylinder Fuel Injectors, Check Cylinder Fuel Injectors For Leaks, Check Deceleration Air Switchover Valve, Check Engine And AC With Integrated Control Fan Motor, Check Engine Oil Pump Valve, Check Exhaust Camshaft Solenoid, Check Fuel High Pressure Circulation for Leak Tightness, Check Fuel Pressure And Temperature Sensor Rail Pressure, Check Fuel Tank Pressure Sensor, Check Intake Camshaft Solenoid, Check Intake Port Shutoff Actuator Motor, Check Mode, Check Purging Switchover Valve, Check Quantity Control Valve, Check Throttle Valve Actuator, Check Valve Bypass Valve, CNG Cylinder Shutoff Valve, CNG Engine Shutoff Valve, Command St Whl Forc, Command Steering Angle, Component Quantity Control Valve, Compressor, Confirm Dongle ID, Continuously Variable Valve Timing Control Side Intake, Coolant Circulation Switching S/V, Coolant Temperature, Cooling Fan, CORNERING LAMP, Cornering Lamp Test, Crawl Control Light, Cruise Control-PCS-LKA Buzzer, C-SCV Target Step (Bank1), C-SCV Target Step (Bank2), C-VTC Target Angle, Cylinder Cutout Test, DAB Indicator Light, Daytime Running Light, DCA Indicator, DC-DC Conv Duty, DEF Dosing Unit Override Test, DEF Line Heater Test, DEF System Leak Test, DEF Tank Heater Test, DIG Power Balance Cylinder 1, DIG Power Balance Cylinder 2, DIG Power Balance Cylinder 3, DIG Power Balance Cylinder 4, DIG Power Balance Cylinder 5, DIG Power Balance Cylinder 6, DIG Power Balance Cylinder 7, DIG Power Balance Cylinder 8, Display: Test, Door Handle Lamp Test, Door Lock, Door Lock Ind, Door Lock Indicator, Door Warning Test, Downhill Assist Control Light, DOWNSTREAM OXYGEN SENSOR HEATING, Drive Mode Test, Driver Seat, DSS Signal Buzzer, EAP SW LAMP, EAPM Warning Lamp, EBS Relay, ECB Control Invalid, ECB Main Relay, ECB Main Relay 2, ECB Motor Relay, ECB Motor Relay2, ECB Solenoid (SC1), ECB Solenoid (SC2), ECB Solenoid (SCC), ECB Solenoid (SGH), ECB Solenoid (SLA), ECB Solenoid (SLA) Valve Close, ECB Solenoid (SLAFL), ECB Solenoid (SLAFL) Valve Close, ECB Solenoid (SLAFL) Valve Open, ECB Solenoid (SLAFL2), ECB Solenoid (SLAFR), ECB Solenoid (SLAFR) Valve Close, ECB Solenoid (SLAFR) Valve Open, ECB Solenoid (SLAFR2), ECB Solenoid (SLARL), ECB Solenoid (SLARL) Valve Close, ECB Solenoid (SLARL) Valve Open, ECB Solenoid (SLARL2), ECB Solenoid (SLARR), ECB Solenoid (SLARR) Valve Close, ECB Solenoid (SLARR) Valve Open, ECB Solenoid (SLARR2), ECB Solenoid (SLR), ECB Solenoid (SLR) Valve Close, ECB Solenoid (SLRFL), ECB Solenoid (SLRFL) Valve Close, ECB Solenoid (SLRFL) Valve Open, ECB Solenoid (SLRFL2), ECB Solenoid (SLRFR), ECB Solenoid (SLRFR) Valve Close, ECB Solenoid (SLRFR) Valve Open, ECB Solenoid (SLRFR2), ECB Solenoid (SLRRL), ECB Solenoid (SLRRL) Valve Close, ECB Solenoid (SLRRL) Valve Open, ECB Solenoid (SLRRL2), ECB Solenoid (SLRRR), ECB Solenoid (SLRRR) Valve Close, ECB Solenoid (SLRRR) Valve Open, ECB Solenoid (SLRRR2), ECB Solenoid (SMC), ECB Solenoid (SMC/SRC/SCC), ECB Solenoid (SMC1), ECB Solenoid (SMC2), ECB Solenoid (SRC), ECB Solenoid (SSA), ECB Solenoid (SSC), ECB Warning Indicator, ECO Indicator Lamp, ECO Tree, EGR Cont (Mode 1), EGR Cont (Mode 3), EGR Control Valve, EGR Cut Solenoid, EGR Solenoid, EGR Vol Cont/V, EGR VOL CONT-V, EGRC Solenoid Valve, Electric Fan Override Test, Electric Parking Brake Activation, Electric Water Pump, Electrical Control EGR Target Step, Electrical Control Engine Mount Motor, Electronic Throttle Control, ENG COOLANT TEMP, Engine Coolant Bypass Valve, Engine Coolant Electric Water Pump, Engine Coolant Temperature, Engine Fan Override Test, Engine Mounting, Engine Oil Pressure Control Solenoid Valve, Engine Piloted Oil Pump, Engine Start, Engine Start Request, Engine Sw Illumi, ESS Active, ESS Relay Active, ETC Correction Valve,

ETS Solenoid Control, ETS S-V, EV SYSTEM W-L, EVAP Canister Purge Control Solenoid Valve, EVAP CNT Duty Valve Open, EVAP Leak Diag, EVAP Leak Mode8, EVAP Leak P1441, E-VTC Target Angle (Exhaust), EXH V-T ASSIGN ANGLE, Exhaust Air Flap, Exhaust Camshaft Dephaser Solenoid Valve, Exhaust Camshaft Set Point, Exhaust Fuel Injector, Exhaust Gas Recirculation Cooler Bypass Valve, Exhaust Solenoid, Exhaust Valve Timing Assign Angle, Exhaust Valve Timing Control Solenoid Valve, Exterior Lamps, External Buzzer, EXTERNAL LAMPS, Fan Duty Control, FAN UNIT HIGH SPEED, Fan Unit High Speed Relay, FAN UNIT LOW SPEED, Fan Unit Low Speed Relay, FL Shock Absorber, FL Tire Disp, Flasher, Flasher test, Flex-Fuel Additional Pump, Flex-Fuel Additional Solenoid Valve, FLYWHEEL TARGET PROGRAMMING, Fog Lamp Override, FPCM, FR Fog lamp, FR LH ABS Solenoid (ACT), FR LH ABS SOLENOID(ACT), FR LH SOL, FR RH ABS Solenoid (ACT), FR RH ABS SOLENOID(ACT), FR RH SOL, FR Shock Absorber, FR Tire Disp, Fr Wiper, Fresh Air Memory, Front Assist Window, Front Buzzer, Front Driver Window, Front Fog Lamp, Front Left Solenoid, Front Right Solenoid, Front Wiper, Front Wiper Test, F-S CHG RLY, Fuel Flow Actuator, Fuel Flow Solenoid Valve, Fuel Heater, Fuel Heater Relay, Fuel Injection, Fuel Lid Open Indicate, FUEL METER DIAGNOSIS( ANALOG METER ), Fuel Pressure Solenoid Valve, Fuel Pump, Fuel Pump Control Module, Fuel Pump Relay, Fuel Pump Relay 2, Fuel Pump Relay 3, Fuel Rail Pressure, Fuel Rail Pressure Control Valve, Fuel Return Valve, Fuel System Leakage Test, FUEL-T TEMP SEN, Gas Pump Command State, Glow Relay, H/B Motor Relay, HALF BACK DOOR, Hazard Answer Back, Hazard Lamp, HDC DISP, HDC Display, Head Lamp, Head Lamp High, Head Lamp Washer, HEAD LAMP(HI), Head Lamps, Headlamp High, Headlamp Low, Headlamp Washer, Heater Relay Unit, Heater Valve Flow, HEATING RESISTOR RELAY 1, HEATING RESISTOR RELAY 2, HEATING RESISTOR RELAY 3, High Beam Assist Test, High Beam Lamp Test, High Pressure Circuit Leak Test, Horn, Horn Acknowledgement Signal, HORN LAMP, Horn Test, Horn-IPDM-E, Horn-Multi Remote Ent, HPCR Fuel Act Override, Hv Battery Cooling Fan, HVAC Test, Hydraulic Motor, HYDRAULIC PRESSURE RELEASE, IACV-AAC/V Opening, ICC Buzzer, ICC Warning Lamp, ID REGIST WARNING, Idle Target RPM, Ign Cont2, IGN KEY WARN ALM, Ignition Accessory Battery Saver, Ignition Cont1, Ignition Cont2, Ignition Cylinder 1, Ignition Cylinder 2, Ignition Cylinder 3, Ignition Cylinder 4, Ignition Illumination, Ignition Key Gong, Ignition Key In Alarm, Ignition Key Warning Alarm, Ignition On Ind, Ignition On Warning System, Ignition Relay, Ignition Switch LED Power, Ignition Timing, Ignition Timing (Mode 1), Ignition Timing (Mode 3), Ill Dim Signal, Illumination Dim Signal, Immobilizer Lamp, Indicat. Lamp VSC OFF, Indicator, INDICATOR LAMP DRIVE, Injection Pressure Regulator, Injector Cylinder 2, Injector Cylinder 3, Injector Cylinder 4, Injector-Cylinder 1, Inside ANT Diagnosis, Inside Buzzer, Inspection Mode, Instrument Cluster Indicat. Lamps, INT LAMP, INT V/T ASSIGN ANGLE, INT V-T ASSIGN ANGLE, Intake Duct S/V, Intake Manifold Pressure Solenoid, Intake Valve Timing Control Solenoid Valve, Intank Fuel Temperature Sensor, Intelligent Key Link, INTELLIGENT KEY LINK (CAN), Interior Lamp, Interior Lamps, Interrupt Disp, Key Fob Low Battery Warning, Key Fob Power Window Test, Key Lock Solenoid, Key Reminder, Key Reminder Warn, Lamps, Lane Departure W/L, Lane Departure Warning Display, LANE DEPARTURE W-L, LCD, LDP Buzzer, LDP ON IND, Ldp On Indicator, LDP Warning Indicator, LDW On Indicator, LDW Warning Indicator, LED, LED LH INDICATOR, Left Exterior Mirror LED Test, Left Solenoid, Levelizer Test, Light On Alarm, LIGHT WARN ALM, Lock (Central Locking), Lock Doors, Lock Indicator, Lock Operation, Low Beam Swivel Test Left, Low Beam Swivel Test Right, LOW BEAM TEST LEFT, LOW BEAM TEST RIGHT, Low Pressure Fuel Pump, Low-Beam Headlight Left, Low-Beam Headlight Right, LPG Air Fuel Ratio Revision Value, LPG Shutoff Valve Relay, Luggage Lamp Test, Malfunction Status Of Stop/Start System, MAP/Baro SW/V, Master Warning Active, MEMORY SW INDCTR, Meter Buzzer, Meter Lamp, Mirror +5 V Test, MIRROR MOTOR LH, MIRROR MOTOR RH, Mixture Ratio, Mode 1 DIG Power Balance Cylinder 1, Mode 1 DIG Power Balance Cylinder 2, Mode 1 DIG Power Balance Cylinder 3, Mode 1 DIG Power Balance Cylinder 4, Mode 1 DIG Power Balance Cylinder 5, Mode 1 DIG Power Balance Cylinder 6, Mode 1 DIG Power Balance Cylinder 7, Mode 1 DIG Power Balance Cylinder 8, Mode 3 DIG Power Balance Cylinder 1, Mode 3 DIG Power Balance Cylinder 2, Mode 3 DIG Power Balance Cylinder 3, Mode 3 DIG Power Balance Cylinder 4, Mode 3 DIG Power Balance Cylinder 5, Mode 3 DIG Power

Balance Cylinder 6, Mode 3 DIG Power Balance Cylinder 7, Mode 3 DIG Power Balance Cylinder 8, Motor Fan, Motor Relay Control, MOTORISED THROTTLE, Oil Pressure Sw, Oil Pressure Switch, Optic Axis Active Test, OPTIC AXIS ACTIVE TEST~OPTIC AXIS ACTIVE TEST, Outside Buzzer, Oxygen Sensor 1 Heater, Oxygen Sensor 2 Heater, P Range, P/REG CONT SOL/V, Panic Alarm, Parcel Shelf, Parking Brake Full Release, Parking Lamp, Partial Load Operation Crankcase Ventilation Valve, Pedal Motor, PKB Full Release Control, PKB Light, PKB Lock Control, PKB Release Control, Plug In Indicator, Power Balance, Power Balance (Cylinder #1), Power Balance (Cylinder #2), Power Balance (Cylinder #3), Power Balance (Cylinder #4), Power Balance (Cylinder #5), Power Balance (Cylinder #6), Power Balance (Cylinder #7), Power Balance (Cylinder #8), Power Limitation Indicator, Power Slide Door, Power Sliding Door, POWER WINDOW (LH-RH), Power Window Down, Power Window Remote Down Set, PPS Solenoid, Pre Crash Brake OFF Light, Pre-Charge Pump, PRES Regulator, Pressure Control Solenoid A, Pressure Control Solenoid B, Pressure Control Solenoid C, Programming CI Touch Point, PROGRAMMING THROTTLE LIMITS, PRVR Solenoid, PSD PBD Open Test, PTC Heater Relay 1, PTC Heater Relay 2, PTC Heater Relay 3, PTC Relay-1, PTC Relay-2, PTC Relay-3, Pump Check Pattern, Purg Vol Cont/V, PURG VOL CONT-V, Purging Switchover Valve, Push Switch Indicator, Quick Charge Permit Signal Circuit, Quick Charge Relay +, Quick Charge Relay -, RAB Warning Lamp (Malfunction), RAB Warning Lamp (Operation), Radiator Fan Drive, Radiator Fan Output Hi, Radiator Fan Output Lo, Radiator Fan Relay, Radiator Fan Relay Test, RCTA-BSW Indicator, Read Tire Id, Ready Indicator, READY Indicator Lamp, Rear Assist Window, Rear Buzzer, Rear Defogger, Rear Defogger Indicator, Rear Driver Window, Rear Left Solenoid, Rear O2 Diagnosis, Rear Right Solenoid, Rear Window Defogger, Recycle Air Memory Switch, Release Hand Warning, Remote Engine Starter, Retractable Mirror, Reverse Gear Reset Values Of Shift Operations, Reverse Lamp, Reverse Lamp Relay, REVERSE LAMP RLY, Reverse Warning, Right Exterior Mirror LED Test, Right Solenoid, Rise Up Wiper Test, RL Shock Absorber, RL Tire Disp, Roof, ROOF STATE OUTPUT(AUDIO), ROOF SYSTEM, RR Fog Lamp, RR LH ABS Solenoid (ACT), RR LH ABS SOLENOID(ACT), RR LH SOL, RR O2 Sensor Heater, RR RH ABS Solenoid (ACT), RR RH ABS SOLENOID(ACT), RR RH SOL, RR Shock Absorber, RR Tire Disp, RR Wiper, RTCV Hysteresis Test, RUN FLAT TIRE W/L, Run Flat Tire Warning Buzzer, RUN FLAT TIRE W-L, RUN FLAT-T WARN BUZZER, SCB/V Cont SOL/V, SCR Performance, SCV Solenoid, Seat belt lamp test, Seat Belt Warn Test, SEAT LIFTER, SEAT LIFTER FR, SEAT LIFTER RR, Seat Reclining, SEAT SLIDE, Secondary Air Cut Solenoid, Security Horn, Security Indicator, Setting Initialize Completion Flag, Shift Lock Solenoid, Shift Solenoid A, Shift Solenoid B, Shift Solenoid C, Shift Solenoid D, Shift Solenoid E, Shift Spot Lamp Test, SHIFTLOCK SOLENOID TEST, SHIFTLOCK SORENOID TEST, Short Cranking Output, Signal Check, Siren, Slip Indicator Light, Slow Mode, Solenoid Actuator Driving FR 2 Wheels, Solenoid Actuator Driving FR-LH, Solenoid Actuator Driving FR-RH, Solenoid Actuator Driving RR 2 Wheels, Solenoid Actuator Driving RR-LH, Solenoid Actuator Driving RR-RH, Solenoid Driving FR-LH, Solenoid Driving FR-RH, Solenoid Driving RR, Solenoid Driving RR-LH, Solenoid Driving RR-RH, Solenoid Relay, Speaker Mute Signal, Speed Sensor Function, START Button Illumination, Start Up Sound Speaker, Starter Cut Relay, Stationary Cornering Lamp Low, Steering Reaction Force Activation, Step Lamp Test, Stop Current Command, Stop Lamp, Stop Lamp 1, Stop Lamp 2, Stop Lamp 3, Stop Lamp Off Relay, Stop Lamp Off Relay 1 Active, Stop Lamp Off Relay 2 Active, Stop Lamp On Relay, Stop Lamp ON Relay Active, Stop Light Relay, Stop light System Indicator Light, Stratified Direct Injection Timing Angle, Stratified EGR Position, Stroke Simulator Cut Valve Pattern, Sub Fuel Cont Sol /V, Sub Fuel Pump Relay, Super Charger Clutch Relay, Supercharger Clutch Relay, SWIRL CONT SOL VALVE, Swirl Control Valve, Switch Lamp, Switch Lamp~Switch Lamp, SYSTEM ON LAMP DRIVE, Tail Lamp, Tail Light, TANK FUEL TEMPERATURE SENSOR, TARGET EGR ANGLE, Target EGR Position, Target Electric Throttle Control Angle, Target Equivalence Ratio Control, Target Fan RPM, Target Idle Speed, TC Bypass Valve, TC-SC BYPASS VALVE, TCV Power System Test, TELESCO MOTOR, THEFT IND, Theft Indicator, Thermostat Heater Control Solenoid Valve, Third O2 Sensor Heater, Third O2/S Diagnosis, Throttle Valve Position Setpoint, Tilt Motor, Tire Pressure Indicator, Tire Pressure Warning Lamp, TPMS ID flat tire warn, TPMS ID Registration Warning, TPMS

LAMP WARN TEST, TPMS Warning Light, Trac Motor Relay, TRAC Solenoid (SPFL), TRAC Solenoid (SPFR), TRAC Solenoid (SRCF), TRAC Solenoid (SRCR), TRAC Solenoid (SRMF), TRAC Solenoid (SRMR), TRC OFF Indicator Light, Trunk, Trunk Open Test, Trunk/Back Door, Trunk/Glass Hatch, Trunk/Glass Hatch Open, Trunk-back door, Trunk-Luggage Lamp Test, Tumble Control Valve, TUMBLE CONTROL VALVE~TUMBLE CONTROL VALVE, Turbocharger Boost Control Actuator, Turbocharger Boost Control Solenoid Valve, Turbocharger Wastegate Solenoid Valve, Turbocharging Solenoid Valve, Turn Disp, Unit Characteristics Data, Unlock Doors, Unlock Driver Door, Unlock Passenger Door, Unlock Rear Doors, UPSTREAM O2 SENSOR HEATING, V/T Assign Angle, Valve, Valve Timing Sol, Variable Duct Solenoid Output, VC/V Bypass/V, VCR System, Vehicle Disp, Vehicle Height Standard Position Forcing Return, Vehicle Security Horn, VEHICLE SECURITYT HORN, Vent Control Valve, VENT CONTROL-V, VIAS S/V-1, VIAS Solenoid, VIAS S-V-1, VIAS S-V-2, Vibration Motor, Voltage Control, Voltage Pattern Output, VSC OFF Indicator Light, VSC Warning Light, VSC/TRAC Off Indicator Light, VSC/TRAC Solenoid, VSC/TRC Solenoid (SMF), VSC/TRC Solenoid (SMR), VSC/TRC Solenoid (SPFL), VSC/TRC Solenoid (SPFR), VSC/TRC Solenoid (SRCF), VSC/TRC Solenoid (SRCR), VSC/TRC Solenoid (SRMF), VSC/TRC Solenoid (SRMR), VSP Off Indicator, VSP Speaker, VSP SPEAKER LH, VSP SPEAKER RH, VTC Solenoid, VVL Int & Exh Solenoid Simultaneous Drive, VVL Solenoid Exhaust, VVL Solenoid Intake, W/G, Warning Buzzer, Warning Lamp, Warning System Indicator, Warning Tone Gen. Roof Position, Washer Fluid Pump Relay, Wastegate Actuator, Water Temperature, Window lifter, front, Window lifter, rear left, Window lifter, rear right, YAW STEP L, YAW STEP R, Yellow Lane Dep.Warnng.Indic. Lamp

## ***Toyota/Lexus Coverage***

- Added coverage for 4 new system applications

### **16 new Adjustment type special tests:**

BSM Approaching Vehicle Detection Timing Setting, BSM Buzzer Volume Adjust, BSM Master Abnormal History, BSM Mirror Indicator Brightness, BSM Slave Abnormal History, Door Handle Lock Button, Door Key Related Close, Door Key Related Open, Door Key Related Operation, Front SW Auto Operation, Prohibition Flag of FHL Function, RCTA Function, Rear SW Auto Operation, Wireless Key Related Close, Wireless Key Related Open, Wireless Key Related Operation

### **6 new Actuation type special tests:**

Activate The FHL, Enforced Driving FHL Warning Trigger, Front Sliding Sunshade, LDA Buzzer, Slide Roof, Steering Wheel Vibration

## ***New Coverage – USA European***

### ***Alfa Romeo Coverage***

#### **6 new Actuation type special tests:**

Wiper Status, Throttle Valve Test, Test Pattern Display, Loud Speaker Test, User Interface Test, Tow Bar Activation

### ***Audi Coverage***

- Added coverage for 1416 new system applications

#### **2696 new Adjustment type special tests:**

03 - Adaptation -J104- with Trailer Stabilization, 12 Volt Energy Management Reset Basic Setting, A/C Comfort Parameter For Start/Stop Function, A/C Compressor Adaptation, AAU CL Address, ABS Pumping Characteristic, Accepting Component List, Access EEPROM Value, Accumulator bleeding, Accumulator charging, Accumulator Charging And Deactivate Self-Levelling, Acknowledge Comfort Closing With Flashing Light, Activ. / Deactivation Charging HV Battery, Activ./deactiv. Traffic Message Channel (TMC), Activate Air Suspension, Activate Display, Activate Gateway Control Unit Transport Mode, Activate Service Position, Activate shipping mode, Activate Showroom Mode, Activate test mode, Activate/Deactiv. Pass.Compartm.Suppl.Heater, Activate/Deactivate Cruise Control, Activate/Deactivate Emergency Braking Flashing, Activate/Deactivate Emergency Warning Flashing, Activate/Deactivate Freeway Blinking, Activate/Deactivate Front Wiper Service Position, Activate/Deactivate Parking Lights, Activate/Deactivate Production Mode, Activate/Deactivate Roller Dynamometer Mode, Activate/Deactivate Shipment Mode, Activate/Deactivate Start/Stop Function, Activate/Deactivate Water Droplet Removal, Activating CAirHt Logic, Activation Deactivation Of Popups For Active Tracking Services, Activation Of Bypassvalve Starting In Control Pause Threshold F, Activation Time Of Basic Adjustment Air Conditioner Compressor, Activation Time To Close Rear Lid With Remote Control, Activation Time To Open Rear Lid With Remote Control, Activation Tone Adjustment, Active Noise Cancellation EOL Test, Actuation Time To Open Rear Lid With Remote Control, Actuator Test Increment, Actuator Test Passes, Actuator Test Start Frequency, Actuator Test Stop Frequency, Adapt Automatic Rear Lid Locking At 5 km/h, Adapt Cardan Sync, Adapt Chain Lengthening after Eng Components Replacement, Adapt Chain Lengthening after Timing Chain Replacement, Adapt Chain Lengthening Diagnosis after ECM Replacement, Adapt Chain Lengthening with No Parts Replaced, Adapt Charge Air Pressure Actuator-After Component Replacement, Adapt Convenience Blinking Cycles, Adapt DPF Adaptation Values, Adapt Fuel Consumption Indicator, Adapt Fuel Gauge, Adapt Opening An Individual Door, Adapt Parking Light at Terminal 15, Adapt Signal Horn At Terminal 15, Adaptation - A/C System Start-Up Behavior, Adaptation - Activation Seat Ventilation, Adaptation - Activation Temperature Window Heater, Adaptation - After Heating Time Of Auxiliary Heater, Adaptation - After Run Time For Auxiliary Heater With A/C, Adaptation - Auxiliary Heating Retrofit Without CAN, Adaptation - Basic Setting Running Time For Compressor Break-In, Adaptation - Blower Reduction During Slow Driving, Adaptation - Compressor Activation In Efficiency Mode, Adaptation - Compressor Ratio For Torque Calculation, Adaptation - Duration Of Compressor Run-In, Adaptation - Electro Magnetic Tolerance Mode Of Actuator Motors, Adaptation - End Stops Of Position Sensors In Vents, Adaptation - End Values Of Position Sensors In Vents, Adaptation - Front Windshield Heater, Adaptation - Humidity Management, Adaptation - Interior Air Conditioning Status, Adaptation - Maximum Running Time For Pump After Run, Adaptation - MMI Display Time, Adaptation - MMI Display Time At Temperature Adjustment, Adaptation - MMI Display Unit For Rear Control, Adaptation - Reducing Window Condensation At High Air Humidity, Adaptation - Reset Adaptation Value Of Vent Position Sensors, Adaptation - Seat Heating Activation, Adaptation - Seat Ventilation Activation Level, Adaptation - Stop Enable For Start/Stop Function, Adaptation - Tolerance Range For Flap End Stops, Adaptation - Windshield Defogger Takeover, Adaptation (10) / Long Adaptation (0A), Adaptation Acknowledgement Comfort Locking, Adaptation Acoustic Feedback When Locking, Adaptation Acoustic Feedback When Unlocking, Adaptation -Activation Temperature Seat Heating, Adaptation -Activation Temperature Seat Ventilation, Adaptation ATAS Alarm Delay, Adaptation Automatic Locking, Adaptation Automatic Unlocking, Adaptation Coming Home Function, Adaptation Country Setting Of Intelligent Alarm Horn, Adaptation Engine Temperature Management Actuator, Adaptation Feedback For Locking By A Key, Adaptation Feedback For Locking Via RRC, Adaptation Feedback For Unlocking Via A Key, Adaptation Feedback For Unlocking Via RRC, Adaptation Flashing Cycles For Convenience Turn Signal Feature, Adaptation Headlamp Washer System, Adaptation Inclination Sensor Sensitivity, Adaptation Interior Monitoring Sensitivity, Adaptation Leaving Home Function, Adaptation Locking Via Access And Start Authorization, Adaptation Of Air Flow In Footwell, Adaptation Of Blower Voltage

During Compressor Break In, Adaptation Of Cam Shaft Position Sensor, Adaptation Of Coolant Pump, Adaptation Of Fresh Air Blower Voltage, Adaptation Of Idle Speed, Adaptation Of Radiator Shutter, Adaptation Of Service-Interval Display, Adaptation Of Temperature Characteristic In Summer Mode, Adaptation Of Temperature Characteristic In Winter Mode, Adaptation Of Transmission Neutral Position Sensor, Adaptation Radiator Shutter Motor, Adaptation -Seat Heating Activation Level, Adaptation Steering Wheel Heater, Adaptation Unlocking Via Access And Start Authorization, Adapting Battery Monitoring (Sounder), Adapting End Stops, Adapting Of Control Motors, Adapting Single Door Unlock, Adapting/Setting Turbocharger, Adaption After Adjustment, Adaption Function Reset, Adaption of application point, Adaption Of Brake Pedal Sensor, Adaption Of Camshaft Angle Based On Knock Sensor, Adaption Of Clutch Slip Points, Adaption Of Crankshaft Sensor Tolerance, Adaption Of Differential Pressure Sensor For DPF, Adaption of Differential Pressure Sensor Low Pressure EGR, Adaption Of Engine Torque Loss In Idle Speed, Adaption Of Exhaust Gas Flap, Adaption Of Exhaust Gas Flap 2, Adaption Of Low Pressure EGR Exhaust Flap Actuator, Adaption of low pressure EGR valve, Adaption Of Oxygen Sensor Bank 1 Sensor 1 Binary Type, Adaption Of Radiator Shutter Control, Adaption Of Reductant Tank Level Sensing To Raw Value, Adaption Of Speed Limitation, Adaption Of Turbo Charger 1, Adaption Of Turbo Charger Bypass Valve, Adaption Of Turbocharger Turbine Inlet Actuator, Adaption Of Water Mixing Actuator Charge Air Cooling, Adaption Of Work Engine Speed Maximum, Adaption Sequence Of Hybrid Components, Adaptiondyn.oil Press. Warn.:speed Threshold, Adaptive Brake Light, Adaptive Damping System Basic Setting, Adaptive Starting Assistant, Adblue Circuit System Drainage, Adblue Circuit: Pressure Reduction, Adblue Dosing Valve: Test, AdBlue Injected Quantity Test, Adblue Metered Quantity Measurement, Adblue Tank Level Reset, Added Offset To Can Bus Signal Deck Lid Position, Additional Features, Additional Functions, Additional Heater Glow Plug: Reset Adaptation Values, Additional Heating Lower Threshold Coolant Fluid Temp, Additional Heating Lower Threshold Outdoor Temp, Additional Heating Temp Threshold Big To Med, Additional Heating Temp Threshold Big To Power, Additional Heating Temp Threshold Low To Control Pause, Additional Heating Temp Threshold Low To Med, Additional Heating Temp Threshold Med To Big, Additional Heating Temp Threshold Med To Low, Additional Heating Temp Threshold Power To Big, Additional Heating Temp Threshold Start To Control Pause, Additional Heating Temp Threshold Start To Control Pause Or Add, Additional Heating Threshold For Start Delay Time, Additional Heating Upper Threshold Outdoor Temp, Additional MMI Options, Additional Heating Upper Threshold Coolant Fluid Temp, Adjust/Re-adjust Charge Air Pressure Actuator, Adjustable Rear Spoiler Control Unit Data Set 1, Adjustable Rear Spoiler Control Unit Data Set 2, Adjustment, Adjustment Fuel Feed Pump On Low Fuel Level, Adjustment Injector 1, Adjustment Injector 2, Adjustment Injector 3, Adjustment Injector 4, Adjustment Injector 5, Adjustment Injector 6, Adjustment Of Brake Pressure Sensor, Adjustment Of Center Body Vent Blower With Voice Control, Adjustment Of Idle Speed, Adjustment Of Lateral Acceleration Sensor, Adjustment Of Longitudinal Acceleration Sensor, Adjustment Of Rotation Rate & Lateral/Longit. Acc. Sensor, Adjustment Of Steering Angle Sensor, Adjustment Of Torque For Starting Up The Engine, Adjustment Of Vehicle Level Sensors, Adjustment Range Front (High Value), Adjustment Range Front (Low Value), Adjustment Range Rear (High Value), Adjustment Range Rear (Low Value), Adjustment: Locking Whilst Driving, Adjustment: Remote Control Conven. Actuation, Adjustment: Unlocking After Key Removal, Adjustment: Unlocking Options, After Run Of Auxiliary Heater Or Auxiliary Ventilation, After Run Time Of PTC Auxiliary Heater With AC Off, Afterrun Time, Air Cleaner Adaptation Values, Air Conditioner Compressor Inlet Time, Air Conditioner Compressor Run In, Automatic Start, Air Conditioner Control Motors: Adapting, Air Conditioner Heater Output Test, Air Conditioning Adaptation - Production Mode, Air Entrapment Test Hydraulic Unit Engine Decoupler, Air Filter Reset, Air Mass Meter Reset, Air Quality Sensor Adjustment, Air Spring Strut Bleeding, Front Axle, Air Spring Strut Bleeding, Rear Axle, Air Spring Strut Bleeding, Rear Left, Air Spring Strut Bleeding, Rear Right, Air Spring Strut Charging, Front Axle, Air Spring Strut Charging, Rear Axle, Air Spring Strut Charging, Rear Left, Air Spring Strut Charging, Rear Right, Air System Test, Air Volume/distribut. Display



Time Adjustment, Airbag Control Unit: Reset Counter (roll-Over Protection Triggere, Airbag Control Unit: Roll-Over Protection Test, Alarm Delay, Alarm Horn Adjustment, Allocate Control Motors, Ambient Light Threshold Coming/Leaving-Home, Ambient Peak Total Threshold, Analog 1, Analysis 126, Analysis 13, Analysis 14, Analysis 19, Analysis 20, Analysis 7, Angular Gear Ratio, Antenna Diagnosis, Anti-Play Protection Decrease Time, Anti-Play Protection Threshold, Anti-Theft Alarm Delay, Anti-theft Alarm Vehicle Inclination Sensor, Anti-theft System Interior Monitoring, Anti-Theft-System Alarm Delay, Application Characteristics, ASAM / ODX File Version, Assembly Identification Number, Assistance Driving Light Activation/Deactivation Delay, Assistance Light Sensor Correction, Audible Feedback When Locking, Audible Feedback When Unlocking, Audible Locking Confirmation, Audible Unlocking Confirmation, Audio Data Storage Adjustment, Audio Output Delay, Audio Parameter Setting, Audio Reduction Adjustment, Audio Signal Delay Adjustment, Audio Volume Lowering, Authentic Time Length Challenge, Authentic Time Max Drift GPS To Back End In Minutes, Authentic Time Start Time Synchronisation, Auto Hold Plus Speed Threshold For Reactivation, Auto Hold Plus Speed Threshold For Shunting Situation, Auto Hold Plus Time Span For Shunting Situation, Auto Hold Switch-On Condition "Driver Belt Closed", Auto Trans Kick-Down (TCM), Auto Trans Kick-Down(ECM), Auto-Lock, Automated Test Exhaust Gas Flap, Automated Test Low Pressure EGR Valve, Automated Test Of EGR Low Pressure Filter, Automatic Addressing Of Control Motors Of Air Condition, Automatic Addressing, Automatic Air Recirculation Mode Of A/C At Wipe/Wash Function, Automatic Rear Window Wiping with Reverse Gear, Automatic Recirculation Mode Of A/C When Driving In Reverse, Automatic Transmission Fluid Level Check, Automatic Transmission Fluid Pump Calibration, Automatic Transmission Fluid Pump Function Test, Automatic Zero Potential Check, Auto-Return Value, Auto-Unlock, Aux. Heating Continued Heating Time Setting, Auxiliary Air Heating Test, Auxiliary Heating, Auxiliary Heating Configuration Without CAN, Auxiliary Heating Run On Time, Auxiliary Heating/Residual Heat With Air Flow Button Activation, Auxiliary Heating/Venting Aid, Auxiliary Heating/Venting Shut-OFF, Average consumption display correction, Avg Number Of Peaks X16 Threshold, Background Scan Time Interval, Backup Battery Reset State Of Health, Backup DNS Server, Backup Power Threshold, Backup-Camera Shut-Off Speed, Base Volume (Confirmation Sound), Base Volume (Media Output), Base Volume (Microphone), Base Volume (Telephone), Base Volume (Voice Recognition), Basic Adjustment Clutch, Basic Adjustment Clutch Conventional, Basic Adjustment Electrical Fluid Pump Transmission, Basic Adjustment Transmission, Basic Distance Value for Inspection, Basic Distance Value for Oil Change, Basic Setting, Basic Setting - Calibrate All Wheel Drive Clutch Pump, Basic Setting - Head Light Adjustment, Basic Setting - Resetting All Adaptations Values, Basic Setting / Bleeding Brake System, Basic Setting A/C Actuator Motor, Basic Setting A/C Actuator Motor In, Basic Setting A/C Compressor Break, Basic Setting A/C Compressor Break In, Basic Setting A/C Flap Door End Stops, Basic Setting A/C Flap Motor, Basic Setting Brake Bleeding, Basic Setting Brake Pedal Position Sensor, Basic Setting Brake Pressure Sensor, Basic Setting Charge Air Flow Flap, Basic Setting Electrically Adjustable Steering Column, Basic Setting Exhaust-Gas Recirculation, Basic Setting For Luggage Compartment Cover, Basic Setting Headlamps, Basic Setting Headlight, Basic Setting Hydraulic Connections, Basic Setting Integrated Parking Brake, Basic Setting Kickdown, Basic Setting Of Cut-Out Valves, Basic Setting Of Intake Valves, Basic Setting Quit, Basic Setting Rear Lid, Basic Setting Rear Lid Opening Angle, Basic Setting Seat Occupied Recognition, Basic Setting Steering Angle Sender, Basic Setting Steering Angle Sensor, Basic Setting Tire Pressure Monitoring (TPMS), Basic Setting Tire Pressure Monitoring Display (TPMS), Basic Setting Tire Pressure Monitoring System, Basic Setting Vehicle Inclination Neutral Position, Basic Setting/Bleed Brake System, Basic Setting: Clutch Engagement Point, Basic Settings (04), Basic Time Value for Inspection, Basic Time Value for Oil Change, Battery Adaptation, Battery BOX Serial Number, Battery Information/Replacement, Battery Monitoring Via Alarm Sounder, Battery Replacement, Battery Separating Deactivation, Battery Separating Relay Deactivation, Battery Serial Number, BCmE, Beginning Summer Time Month, Bleed, Bleed Brakes, Bleed Cooling System, Bleed Fuel System, Bleed Pressure Lines, Bleed System/AdBlue Circuit Leak Test, Bleeding 2 Hydraulic Unit Engine

Decoupler, Bleeding Hydraulic Unit Engine Decoupler, Blower Max Voltage Limit During Auxiliary Heating/Ventilation, Blower Voltage During AC Compressor Run In, Blower Voltage Limitation For STH STL Or Residual Heat, Blower Voltage With Voice Control, Bluetooth Audio Codec, Bluetooth Connection Cleanup, Bluetooth Connection Profile Adjustment, Bluetooth interface activation/deactivation, Bluetooth Number Of User Profiles, Bluetooth Paired Devices Delete, Bluetooth Pass Key, Bluetooth Set PIN Code, Bluetooth Visibility, Body Height Wheelhouse Edge Front Left, Body Height Wheelhouse Edge Front Right, Body Height Wheelhouse Edge Rear Left, Body Height Wheelhouse Edge Rear Right, Boost Press. Actuator Basic Setting (bank 1), Boost Pressure Actuator Basic Adjustment, Boost Pressure Actuator: Adapting, Boost Pressure Control Adaptation, Brake Assist, Brake Booster, Brake Disc Drying Adjustment, Brake Disc Wiper (BDW), Brake Light Dimming, Brake Pad Replacement Step 1, Brake Pad Replacement Step 2, Brake Pressure Sensor Zero Pos. Compensation, Brake Servo Action Adjustment, Brake Stabilization Adjustment, Brake System Bleeding, Brake Temperature Monitoring Information, Braking to Standstill, Brightness Class Headlight Adaption, Bus Optical Transmission Power Reduction, Button For Central Locking In Rear Lid, Debounce Time, Button For Central Locking In Rear Lid, Start Delay, Button To Close Rear Lid In Luggage Compartment, Debounce Time, Button To Close Rear Lid In Luggage Compartment, Start Delay, CO Adaption, Calculate Checksum (Verify VW Memory), Calculation Consumption Efficiency History, Calibrate Actuator Angle, Calibrate Parking Brake, Calibrate Phasing Angle Actuator, Left, Calibrate Phasing Angle Actuator, Right, Calibrate Steering Angle Sensor, Calibration Control Units For Heater Element, Calibration Data PreCrash, Calibration Data PreCrash 2, Calibration Drive Motor For Electric Drive, Calibration End Stops Of Air Condition Flaps, Calibration Height Values, Calibration of clutch valves, Calibration of cooling oil valve, Calibration Of Driving Position Sensor, Calibration Of Gear Selector Movement Sensors, Calibration Of Main Pressure Valve, Calibration Of Stop Positions, Calibration Of Synchron Points, Calibration Of Tyre Pressures, Calibration Operating And Display Units For Air Conditioning, Calibration Seat Fan, Calibration Seat Fan Rear, Call Auto Answer Time, Callback Time Dropped Call, Camera System Calibration, Camera/Video Brightness, Camera/Video Contrast, Camera/Video Saturation, Camshaft Adjustment (Exhaust), Camshaft Adjustment (Intake), Camshaft Phasing Filtered Value Exhaust Bank 1, Camshaft Phasing Filtered Value Exhaust Bank 2, Camshaft Phasing Filtered Value Inlet Bank 1, Camshaft Phasing Filtered Value Inlet Bank 2, Camshaft Phasing Initial Offset Value Exhaust Bank 1, Camshaft Phasing Initial Offset Value Exhaust Bank 2, Camshaft Phasing Initial Offset Value Inlet Bank 1, Camshaft Phasing Initial Offset Value Inlet Bank 2, Camshaft Phasing Initial Value Exhaust Bank 1, Camshaft Phasing Initial Value Exhaust Bank 2, Camshaft Phasing Initial Value Intake Bank 1, Camshaft Phasing Initial Value Intake Bank 2, Camshaft Phasing Number Initial Values Exhaust Bank 1, Camshaft Phasing Number Initial Values Exhaust Bank 2, Camshaft Phasing Number Initial Values Inlet Bank 1, Camshaft Phasing Number Initial Values Inlet Bank 2, Camshaft Timing Control (B1) Inlet, Camshaft Timing Control (B1) Outlet, Camshaft Timing Control (B1), Inlet, Camshaft Timing Control (B1), Outlet, Camshaft Timing Control (B2) Inlet, Camshaft Timing Control (B2), Inlet, Camshaft-Position Sensor: Adapting, CAN Signal Transmitting Delay Of Car Roll Away Warning, CAN Signal Transmitting Duration Of Automatic Terminal 15 Shuto, CAN Signal Transmitting Duration Of Comfort Switch Off, CAN Stop Tx Delay Time, CAN Timeout Service Key Message, CAN Timeout Trigger, Cancel Manual ECall Timer, CAN-Databus Comfort (Installation List), CAN-Databus Infotainment (Installation List), CAN-Databus Powertrain (Installation List), CAN-Extended Usage, CAR Menu Speed Threshold Adjustment, Carbon Mass (DPF Replacement), Carbon Mass (ECM/DPF Replacement), CAT Conversion Rate (Bank 1), CAT Conversion Rate (Bank 2), Ceiling Light Module 2 Delay Time For Change Of Dimming Values, Ceiling Light Module Delay Time For Change Of Dimming Values, Central Locking Functions, Central Locking Protection Basic Setting, Central Locking Test Sequence, Chain Elongation Correction After Other Repairs, Chain Elongation Reset After Chain Replacement, Change Of Parameters For Monitoring Performance Of DPF Filter, Change To Correction Mode For VCA Learning After ECU Replace, Changeover To Normal Ride Control Operation, Charge Air Cooler Bypass Cont. Basic Setting, Charge

Pressure Control, Charging Flap A Cycle Data, Charging Flap B Cycle Data, Check Bus Sleep Mode, Checking Throttle Valve Adaptation, Chinese Serial Number, Cleaning Rear View Camera Control Time In Production Mode, Clear Calibration Data Left Actuator, Clear Calibration Data Right Actuator, Clear Counter And Runtime Of Compressor, Clear Counter Of Valve Activation, Clear Counter Of Valve Activations, Clear DEGRadation Events Values, clear duration mode, Clear Duration Mode And Control Activities, Clear Sporadic Light Off Detection Information, Clear Torsion Bar Values, Clear VIN, Clearing The Shutdown And Reset Data, Climate Compressor Torque Calibration, Close Rear Parking Brake (After Pad Change/Repair), Close With Remote Control Operation Stop When Leaving Short Ran, Clutch Protection Function, CMC Registration, CNG Quality Set Value, CO2 Setting, Coding Container Part Number, Coding Container Version, Coding Maintenance Interval Extension, Collision Prevention 1 (Special Methods 1), Collision Prevention 2 (Front-Assist), Combustion Air Blower CO2 Setup, Combustion Air Blower Setting (Low Speed), Combustion Chamber Pressure Sensors: Resetting, Comfort CAN-Databus, Comfort Function (Remote Control), Comfort Functions, Comfort Menu, Comfort Operation (via Remote Control), Comfort Operation: Automatic Roof, Comfort Operation: Closing, Comfort Operation: Opening, Comfort Turn Signals (Cycles), Coming Home Activation Time, Coming-Home Time, Compass Zone, Complete Brake Pad Replacement Mode, Completely Flash, Component Protection (Vehicle Identification Number), Component Update Confirmation, Compressor Control Flap Basic Setting, Compressor Control In Efficiency Mode, Compressor Magnetic Clutch Basic Setting, Compressor Run-In, Compressor Run-In Blower Voltage Adaption, Compressor Run-In Time Adaption, Compressor Run-In/Air Conditioning, Configuration, Confirmation Sound, Connected Gateway, Connected Gateway AUDIOPAR, Connected Gateway CARFINDER, Connected Gateway ECALL, Connected Gateway ECall Speaker, Connected Gateway EMOBILITY, Connected Gateway GEOFF, Connected Gateway Lineout, Connected Gateway Online, Connected Gateway OPR, Connected Gateway OTV, Connected Gateway RLU, Connected Gateway RSTH, Connected Gateway RTM, Connected Gateway RVS, Connected Gateway SA, Connected Gateway SVL, Connected Gateway VTS, Constant Damper Current Front Left, Constant Damper Current Front Right, Constant Damper Current Rear Left, Constant Damper Current Rear Right, Consumption Correction, Conti Debug Switch, Continuous Control Of Bypass Valve After Deactivation Of Heater, Control Module Address Reset, Control Module Temperature, Control Of Warning Light, Control Unit Run-On Time Adjustment, Controller Coding (07), Convertible Roof Actuation Counter Reset, Convertible Roof Denormalisation, Convertible Top Hydraulic Pump Actuation Test, Convertible Top Latch Actuation Test, Coolant Bypass Valve Basic Setting, Coolant Circulation Pump Overshoot Time, Coolant Circulation Pump, Overload Time, Coolant Circulation Pump, RPM, Coolant Temperature Calibration, Coolant Valve Adaption, Cooling Output Test, Cooling System: Bleeding, Cooling System: Filling And Bleeding, Correction Factor Consumption And Operating Range, Correction Factor Consumption And Operating Range Electric, Correction Factor Consumption And Operating Range Gas, Correction Value LED Dimming, Counter For Inconsistent Conditions, Counter Reset For Refrigerant Loss Detection, Counter Sporadic MOST Open Circuit, Country, Country Setting, Country Version Encoding, Crankshaft Trigger Wheel: Adapting, Crash Data Nad Reset, Cruise Control Operating Unit: Activation, Curve Light Offset Left, Curve Light Offset Right, Cycle Time For Voltage Monitoring During Sleep Mode, Cyclic Interior Scan During Clamp 15 On, Cylinder Pressure Sensors Adaptation Reset, Date (Day/Month), Date (Year), Date Day, Date Month, Date Year, Day Counter, Daytime Running Lights, Daytime Running Lights Dimming (Fog Lights), Daytime Running Lights Dimming (High Beam), Daytime Running Lights Dimming (Low Beam), Deactivate Display, Deactivate ESP System/Function Test, Deactivate Factory Mode, Deactivate Gateway Ctrl. Unit Transport Mode, Deactivate Juvenile Protection, Deactivate Service Mode, Deactivate shipping mode, Deactivate test mode, Deactivating Static Top Speed Limitation, Deactivation Heating Setting, Deactivation Of Longitudinal Acceleration Sensor, Deactivation Temperature For Solar Roof, Deactivation Time Vip Sliding Door, Debounce Time Detection, Debounce Time Driver Presence, Debounce Time Reverse Gear Detection, Defuel Threshold, Delay Ignition Off To

Crank Inhibition, Delay Output Sounder State, Delay Time, Delay Time Alarm Activation, Delay Time Crash Unlocking, Delay Time For Undervoltage Detection Active Heater, Delay Time Terminal 15 S Shut Down After Leaving Vehicle, Delay Time Terminal 15 S Shut Down By BEM, Delay Time Threshold For Reset Of Running Information To Engine, Delay Timer Before ECU Goes Off, Delayed Accessory Power After Clamp 15 Off, Delayed Accessory Power After Clamp 15 Off Com, Delayed Accessory Power After Clamp 15 Off Edge, Delete Bluetooth Handsets Learnt, Delete Bluetooth Mobile Phones Learnt, Delete Commonness Counter For Start/ Stop, Delete Error Memory Dev, Delete fault memory, Delete Iccpd Error Memory, Delta Value LED Dimming Curve First Point 40 Percent Dimming, Delta Value LED Dimming Curve Forth Point 100 Percent Dimming, Delta Value LED Dimming Curve Second Point 60 Percent Dimming, Delta Value LED Dimming Curve Third Point 80 Percent Dimming, DeNOx Service Regeneration During Drive, DeSOx Service Regeneration During Drive, Desulphurisation Nox Storage Catalyst Bank 1, Development Function Deactivation, Development Test Mode, Diagnostic: Wait Time After Power On, Diesel Particle Filter (DPF) Service Regeneration, Diesel Particulate Filter Adaption, Diesel particulate filter regeneration run, Diesel Particulate Filter Regeneration: Static, Diesel Particulate Filter: Resetting, Diesel Particulate Filter: Write Configuration, Differ. Pressure Sensor Adjustment (bank 1), Differ. Pressure Sensor Adjustment (bank 2), Differential Pressure Sensor Adaption, Dim Value Light Module 2, Dimming Coefficient Green Functional Illumination For Operating, Dimming Coefficient Red Functional Illumination For Operating U, Direct Test Mode Input, Directional Stability Correction Offset Value, Disable 48V System Locking After Crash, Disable High Voltage System Locking After Crash, Disable Of Particulate Filter Regeneration, Disengagement Clutch Actuator Adaption Current Distance Line, Display Calibration, Display Correction Consumption And Range, Display Correction Fuel Gauge, Display Duration Emergency Off, Display Duration Error Mode 2 SPN, Display Duration Please Engage P, Display Fade Down, Display Illumination Test, Display Test: Brightness, Display Test: Display ON/OFF, Display Test: Test Pattern/Image, Display Time Splash Screen, Distance (in 10km), Distance Impulse, Distance Impulse Number, Distance Since Inspection, Doorknob Contact Sensor Disconnecting Time, Dosage Pump CO2 Volume Adjustment, Download Eem, DPF Regeneration While Driving, DPF Regeneration Whilst Driving, DPF Service Regeneration, Drain Fuel System, Drain Fuel Tank, Draining Fuel Tank, Draq Torque Detection, Drive Select Standard Setting (Key 1), Drive Select Standard Setting (Key 2), Drive Select Standard Setting (Key 3), Drive Select Standard Setting (Key 4), Driver Steering Recommendation (DSR), Driving Follow Up Time, Driving Profile For Distance To Empty Calculation, Driving Profile For Distance To Empty Calculation CNG, Driving Profile For Distance To Empty Calculation LPG, Driving Profile Selection 01, Driving Profile Selection 02, Driving Profile Selection 03, Driving Profile Selection 04, Driving School Function/Time Display, Driving School Pedal Buzzer Adaption, DS Parameters, Duration A CAN Wake Up For Engine ECU Wake Up, Duration Dashboard Message, Duration For Basic Setting Of Compressor Running In, Duration Maneuver Situation, Duration Of Quitting Signal For Programming Interstop, Duration Of Warning Signal For Activation At Low Voltage, Duration Of Warning Signal For Automatic Mode, Duration Of Warning Signal For Blocking Detection, Duration To ZAT Continuous Actuation Detection, Duration To ZAT Multi Actuation Detection, Duration ZAT Debounce, DVD Regional Code, DWA Driver Door Opening Alarm Delay Adjustm., DWA Interior Monitor Sensitivity Adjustment, DWA Interior Monitoring Data Set Development, DWA Primed Feedback Adjustment, DWA Tilt Sensor Sensitivity Adjustment, Dynamic Control Strategy, Dynamic Power Buffer, Dynamic Start of Injection Adjustment, Dynamic Steering Recommendation, Dynamometer Mode, Early Summer Time Sunday, EASS, EC Interior Mirror Turn Down, Ecall Auto Dial Attempts, Ecall Automatic Crash Notification Phone Number 1, Ecall Automatic Crash Notification Phone Number 2, Ecall Call Back Delay, Ecall Delay Time, Ecall Dial Duration, Ecall Manual Dial Attempts, Ecall Test Number, ECU 2 Adjustment After Replacement, ECU Adjustment After Replacement, ECU Adjustment After Replacement 2, ECU Adjustment After Replacement Initialization Of Oxidation Ca, ECU Adjustment After Replacement Initialization Of SCR Catalyst, ECU Adjustment Ash Mass, ECU Adjustment Thermal Aging Of Catalytic Converter, ECU D, ECU Serial Number, ECU W, EEM

Additional Components, EEm Power Management, EEPROM Address, EEPROM Output, EEPROM Writing Of Basic Adjustment Data, Egr Control Unit Low Pressure: Adapting, EGR Low Pressure Valve Reset, Egr Low-Pressure Diff. Press. Sensor: Adapting, Egr Valve Basic Setting (bank 1), Egr Valve Basic Setting (bank 2), EGR Valve Reset, EJECT Button Disable Adjustment, Ejection Lock, El. Power St. St. Wheel Angle Sens. Adapt., Electric Drive Assembly Serial Number, Electric Drive Engine Code Letter, Electric Drive Motor Serial Number, Electric Fuel Pump Control Basic Setting, Electric Power Steering: Configuring, Electric Power Steering: Encoding, Electrical Pump 3 For Transmission Function Test, Electrical System Reset Configuration, Electrically Adjustable Steering Column Easy Entry, Electrically Adjustable Steering Column Soft Stop, Electro Magnetic Tolerance Mode Of Actuator Motors, Electro Mechanical Parking Brake Deceleration Level, Electromechanical Parking Brake Operational Test, Electronic Brake Booster Bleeding, Electronic Fuel Pump Threshold Amount Of Fuel In Chamber, Electronic Fuel Pump Threshold For Activation Time Active Heate, Electronic Fuel Pump Threshold For Activation Time Before Heati, Electronic Fuel Pump Threshold For Maximum Remaining Time Witho, Electronic Stability Program: Activate Brake Dynamometer Mode, Electronic Steering Column Lock (ESCL) Vehicle Data learning, Electronic Throttle (Kick-Down Adaptation), Electronic Throttle (Throttle Body Adaptation), EM Heating Power Quota Adjustment, EM Nominal Voltage Limitation Low Beams, EM Requirement Cyclic Time Voltage Measurement, Emergency Battery, Emergency Braking Intensity, Emergency Call 1, Emergency Call 1 Roaming, Emergency Call 2, Emergency Call Autorepeat, Emergency Call SMS 1, Emergency Call System: Resetting After Replacement Of The Compo, Emergency Call Test Number, Emergency Call Test Number EU ECall, Emergency charging, Emergency Number, EMF Opening Mode Adjustment, Emission Reduction (EVAP Valve Test), Emission Reduction (Exhaust Gas Recirculation), Emission Reduction (Leak Diagnostic System), Emission Reduction (Secondary Air Injection: Bank 1/3), Emission Reduction (Secondary Air Injection: Bank 2/4), Enable / Disable. Oil Pressure For Engine Run, Enable Control Unit, Enabling Code For Vehicle Tracking System, Encoding Of Retrofitted Components, End Of Summer Time Month, End Of Summer Time Sunday, End Stop Closed Check, End Stop Opened Check, Energy Management Shut-Off Priority Counter, Energy Management Static Current Stage, Engine Control Unit: Activate/deactivate Increased Engine Oil P, Engine Control Unit: Reset Start/stop Data, Engine Coolant Temperature Adjustment For Preheater, Engine Cooling (Map Cooling), Engine decoupler close, Engine decoupler open, Engine Management Adaptation Values Reset, Engine Run Oil Pressure, Engine Temperature Management Basic Setting, Engine Type Adaption, Engine: Reset (engine Start Inhibit Due To Lack Of Fuel <urea S, England ROW DWA Alarm Signal Adjustment, Enhancement function encoding, Environment Scan Cyclic Step1, Environment Scan Cyclic Step2, Environment Scan Duration Step1, Environment Scan Duration Step2, Environment Scan Level Bem, Environment Scan Responselevel Reduction, Environment Scan Start Delay Time, EOL Quickstart Actuator Test 1, EOL Start-Up SCR Metering Quantity Test, EPS Performance Requirement New, ERA GLONASS System Identification, Erase Counter For Start And Stop Processes, Erase Error Table, Erase Start/Stop Static Memory, Erase Start/Stop Statistic Memory, Error Mask, Error Mask 1, Error Mask 2, Error Mask 3, ESI Maximum Mileage To Next Service, ESI Maximum Time To Next Service, ESI Mileage Since Last Service Event, ESI Minimum Mileage To Next Service, ESI Minimum Time To Next Service, ESI Oil Thermal Wear, ESI Soot Contamination, ESI Time Since Last Service Event, ESP steering wheel angle sensor adaptation, ESP-Data (Brakes), ESP-Data (Powertrain), EU ECall Test Mode Trigger Counter, EU ECall Test Mode Trigger Timer, Evac And Fill Byte, Evaporative Emission Control Functional Test, Evaporative Emission Control Regenerat. Valve, Excessive Temperature Counter Write Reset, Exh. Gas Turbocharger Control Motor Adap., Exhaust flap adaption, Exhaust Flap: Resetting, Exhaust Gas Recirculation (EGR), Exhaust Gas Recirculation (EGR) Low Pressure Valve, Exhaust Gas Recirculation (EGR) Low Pressure Valve Adaptation, Exhaust Gas Recirculation (EGR) Valve Adaptation, Exhaust Gas Recirculation (EGR) Valve Alignment, Exhaust Gas Recirculation Adjustment, Exhaust Gas Recirculation Adjustment Adapt., Exhaust Gas Recirculation Control Unit: Cleaning Test, Exhaust Gas Recirculation Flap Adaptation, Exhaust Gas Recirculation Valve Adaptation,

Exhaust Gas Recirculation Valve Basic Setting, Exhaust Gas Temperature Sensor Test, Exhaust Gas Turbocharger Reset, Exhaust Pressure Control Motor Adaptation, Extended Electronic Differential Lock (XDS), Exterieur Mirror Camera Position Calibration, External AUX Input Volume Adjustment, External Noise Volume Adjustment, External SIM Card Reader Name, Factory Mode, Factory Reset, Fan Functional Test, Fast Adaption, Fastadaption Twin Clutch, Fatigue Detection / Rest Assist, Fatigue Detection/Break Recommendation, Field Test Mode Time, FIX Maximum Distance To Next Mileage Based Service Event, FIX Maximum Time To Next Time Based Service Event, FIX Mileage Since Last Mileage Based Service Event, FIX Resetvalue Distance To Next Mileage Based Service Events, FIX Resetvalue Time To Next Mileage Based Service Events, FIX Time Since Last Time Based Service Event, Fixed Service Interval Adjustment, FLA Bi Xenon HL Output Sensitive, FLA Delay Front Light FRTB, FLA Delay Front Light Non-FRTB, FLA Delay Taillight, FLA Delay Taillight Overtake, FLA Fading Off Threshold, FLA Halogen HL Output Sensitive, FLA Taillight Output Sensitive, FLA TL FRTB Delay, FLA TL FRTB Possible Delay, FLA Two State Off Threshold, Flap Motors Address Lookup/Initiation, Flex ECU Serial Number, Flex Test Trace, Flexible Service Interval Adjustment, Flexible SID Adaption (Diesel), Flexible SID Adaption (gasoline), Fog Light Cold Diagnosis, Footwell Illumination Adaption, Footwell Lighting Dimming, Footwell Lighting Dimming (With Open Door), Footwell Lighting Dimming (with Terminal 58d), Force Auto Adjust, Forced Change-Up Adjustment, Fr. Left Seat Heating Memory Function Setting, Fr.right Seat Heating Memory Function Setting, Fragrancing System Replacing Cartridge In Aroma Receptacle 2, Fragrancing System Replacing Cartridge In Aroma Uptake 1, Friction Coefficient Grade EOL, Front And Rear Control Motor Basic Settings, Front Axle SPECIFIED Pressure Comfort, Front Axle SPECIFIED Pressure Fully Loaded, Front Axle SPECIFIED Pressure Partially Loaded, Front Axle SPECIFIED Pressure Standard, Front Buzzer Frequency, Front Buzzer Volume, Front Driver Airbag Deactivation, Front Driver Belt Tensioner Deactivation, Front Driver Head Airbag Deactivation, Front Driver Side Airbag Deactivation, Front Left Seat Heating Memory Function Setting, Front Passenger Airbag Deactivation, Front Passenger Airbag Shut-Off Switch Deactivation, Front Passenger Belt Tensioner Deactivation, Front Passenger Head Airbag Deactivation, Front Passenger Side Airbag Deactivation, Fuel High-Pressure System Reset, Fuel Injection (Fuel Pump Adaptation), Fuel Injection (Fuel Supply System), Fuel Injector Adaptation Value, Fuel Level Threshold For Deactivation Electroic Fuel Pump, Fuel Line Filling Setting, Fuel Low-Pressure Sensor: Resetting, Fuel Metering Unit Adjustment, Fuel Pressure Control Valve Adjustment, Fuel Pressure Regulator Valve Adaptation, Fuel Pressure Regulator Valve Reset, Fuel Pump Adaptation, Fuel Pump Adaption, Fuel Pump Alignment, Fuel Quantity Control Valve Adjustment, Fuel Supply Pump Activation, Fuel Supply System (Fuel Pressure Reduction), Fuel Supply System (Intake Runner Flap Adaptation: Bank 1), Fuel Supply System (Intake Runner Flap Adaptation: Bank 2), Fuel Supply System Diagnosis, Fuel Tank Capacity, Full Application Force For Auto Hold Up And Downhill Swell, Function Illumination Brightness, Garage Door Opener Control Module, Garage Door Opener Country Setting, Garage Door Opener Distance From Target, Gasoline Particulate Filter Regeneration: Static, Gasoline Particulate Filter: Resetting, Gateway OBD, Gateway: Check No-Load Current, Gateway: Configure Pause Recommendation, Gear Positioner Neutral Position, Gear Positioner Removal Position, Gear Selecter Adaptation, Gearbox Neutral Position Switch Adaption, Generate Readiness, Generate Readiness Code, Generator Load Calibration, Generator Set Point Voltage Variable, Geofencing Position Timeout, Glass Variant, Glove Compartment Activation Time, Glowplug replacement, Gnss Data Rate, Gnss Min Elevation, Go To High Level, Go To High Level And Deactivate Self-Levelling, Go To High Level And Deactivate Self-Levelling Permanent, Go To Normal Level, Go To Normal Level And Deactivate Self Levelling, Go To Normal Level And Deactivate Self-Levelling Permanent, Go To Normal Level With Narrow Control Tolerance, Go To Preliminary Stage For Calibration In Production, Go To Preliminary Stage For Calibration In Service, Go to production reference level, GSM Antenna Switch Speed Delay, GSM Antenna Switch Speed Limit, GSM Antenna Switch Time Limit, GW Routing 0, GW Routing 1, GW Routing 2, GW Routing 3, GW Routing 4, GW Routing 5, GW Routing 6, GW Routing 7, GW Routing 8, GW Routing 9, Halogen Headlights, Hands Free

Function, HBOT Parameters, Head Light Washer System Adaptation In Production Mode, Headlamp setting, Headlight Adjustment, Headlight Adjustment Position, Headlight Basic Setting, Headlight Position Learning, Headlight Washer Activation Delay, Headlight Washer Activation Time, Heater Or Metering Pump Deactivation, Heater Start (Customer Service), Heater Unblock Setting, Heater Unlock, Heater Unlocking Setting, Heater/Air Conditioning, Heating For Production Setting, Heating for Service Setting, Height Calibration Front Left, Height Calibration Front Right, Height Calibration Rear Left, Height Calibration Rear Right, Hella Debug Switch, High Voltage Heater 2 Routine, Highbeam with Assistance Driving Light, Highway/Comfort Blinking, Hill Hold Assist (HHA), History Data Reset, Horn Active Time Tracking Alarm, Horn Max Permanent Active Time, HV Battery Charge, HV Battery Control Unit Initialization, HV Coordinator, HV Power Management, Hybrid To Start, Hydraulic Brake Assist (HBA), Hydraulic Brake Assistant (Special Methods 2), Hydraulic System Bleed, Hydraulic System Release Pressure, Hydraulic Test, Hydraulic Unit Disconnecting Valve Adjustment, Hydraulic Unit Intake Valve Adjustment, Idle Speed Adjustment, Idle Stabilization Deactivated / Active Charcoal Valve Closed, Ignition (Knock Sensor Test - Short Trip), Ignore Compressor Shut-Off Via Engine Control Module, IKA Key, Illumination Card Reader, Illumination Parameter String, Immobilizer (Key Adaptation), Immobilizer (Key Learning), Immobilizer (Vehicle Data Learning), Immobilizer Status, Inclination Sensor Sensitivity, Inclination Sensor Threshold, In-Cylinder Flow Flap 1 Basic Setting, In-Cylinder Flow Flap 2 Basic Setting, Individually Adjustable Top Speed Limit, Individually Adjustable Top Speed Limitation, Info Menu Display Time Adjustment, Information Signal Back, Information Signal Front, Infotainment CAN-Databus, Infotainment Recorder Data, Init E Range Calculation, Init E Range Standard Value, Initialisation, Initialization Accumulator, Initialization Brake Booster, Injector Adaptation, Injector Adjustment (bank 1), Injector Adjustment (bank 2), Injector Buzz Test, Injector Calibration (Cylinder 1), Injector Calibration (Cylinder 2), Injector Calibration (Cylinder 3), Injector Calibration (Cylinder 4), Injector Encoding, Injector Reset, Injector Zero Quantity Calibration Reset, Inlet Camshaft Timing Control (bank 1), Installation Dynamic Chassis Control (DCC), Installation Lane Assist, Installation List I (MMI Functionality), Installation List II (MMI Functionality), Installation Park Steer Assist, Installation Park Steer Assist (PLA), Instrument Cluster Display, Insufficient Voltage Threshold, Insufficient Voltage Time Threshold, Int Mem Transmit Attempts, Int Mem Transmit Interval, Intake Camshaft Adjustment Bank 1, Intake Manifold Runner/Motor Adaptation, Intake Manifold Runner/Motor Reset, Intensity Stage 1 Of Massage, Intensity Stage 2 Of Massage, Intensity Stage 3 Of Massage, Intensity Stage 4 Of Massage, Intensity Stage 5 Of Massage, Interior Monitoring, Interior Monitoring Data Set, Interior Monitoring Sensitivity, Interior Scan: Deceleration After Comfort Closing, Interior Scan: Max Engine Speed For Standing Engine, Interior Scan: Opening Threshold Sliding Roof, Interior Scan: Opening Threshold Window Lifter, Interior Scan: Speed Threshold, Interior Scans Clamp 15 Break At Active Message, Interior Scans Clamp 15 Retry At Active Message, Internal, Interval Display Service: Resetting, Invalid Position Threshold, Kerb Parking Distance Adjustment, Key FOB Clearing, Key FOB Matching, Key Identification Transponder ID, Key Minder: Delay Reunlocking Tailgate, Key Minder: P Keyless Event Search Holding Time, Key Minder: P Keyless Event Search Retries, Key Position Locating, Keyless Locking Optical Feedback, Keyless Unlocking Optical Feedback, Kick-Down Adaptation, Kiss Point Basic Setting, Knockout Test Mode, Knockout Timer, Knockout Tmr, Lambda Control (Aging Check: Bank 1 Sensor 3), Lambda Control (Aging Check: Bank 1/2 Sensor 1), Lambda Control (Aging Check: Bank 1/3 Sensor 2), Lambda Control (Aging Check: Bank 2 Sensor 1), Lambda Control (Aging Check: Bank 2/4 Sensor 2), Lambda Control (Catalytic Conversion Test Bank 1), Lambda Control (Catalytic Conversion Test Bank 1/2), Lambda Control (Catalytic Conversion Test Bank 2/4), Lambda Control (Catalytic Converter Thermal Diagnosis Bank 1), Lambda Control (Delta Lambda Bank 1/3), Lambda Control (Delta Lambda Bank 2/4), Lambda Control (Sensor Exchange), Lambda Control (Sensor Readiness - After Catalyst), Lambda Control Shut-Off, Lambda Sensor Adjustment, Lambda Sensor Ageing (B2 S1) Function. Test, Lambda Sensor Ageing (B2 S2) Function. Test, Lambda Sensor Ageing (B2, S1) Function Test, Lambda Sensor Ageing (b2, S1) Function. Test, Lambda Sensor Ageing (B2, S2) Function Test,

Lambda Sensor Ageing (b2, S2) Function. Test, Lambda Sensor Ageing Bank 1 Sensor 1, Lambda Sensor Ageing Bank 1 Sensor 2, Lambda Sensor Ageing Bank 1, Sensor 1, Lambda Sensor Ageing Bank 1, Sensor 2, Lambda Sensor Reset, Language, Lat. Accel. Sensor Zero Pos. Calibration, Launch Control Counter Write Reset, Leak Diagnostic And Secondary Air Injection, Leakage Test, Leakage Test Hydraulic Unit Engine Decoupler, Learn Normal Level, Learn Vehicle Identification Number (VIN), Learned Values (Vehicle Data), Learned Values Reset, Learning Of Info On Control Units Fitted, Leaving Home Activation/Deactivation, Leaving Home Time, Leaving Warning Delay, Leaving-Home Time, LED Dimming Curve First Point 20 Percent Dimming, Left Front Wheel/Height Calibration, Left Rear Wheel/Height Calibration, Level Control System Deactivation / Jack Mode, Lf Shutdown Timeout 2nd Operation, Life Cycle Data Network Access Device Read, Life Cycle Data Network Access Device Reset, Life Cycle Data 81 Reset, Light, Light Configuration Externally Rear, Light Configuration Other, Light Configuration Outer Front, Limit Of Cyclizations Request Battery Service, Lin Bus 1 Control Motor Adaption, Lin Bus 2 Control Motor Adaption, Line Filling Duration, Line Filling Enabling, Load Compartment Cover Basic Setting, Lock Blink, Lock Horn, Lock Transmission Hydraulic Pump, Locking Confirmation (Key Switch), Locking Confirmation (Remote Control), Locking for Coding/Flashing, Locking Range Offset Upper Stop, Locking With Key Switch Optical Feedback, Locking With Remote Control Opt. Feedback, Log-in(11) Adaptation(10), Log-in(11) Basic Settings(04), Log-in(11) Controller Coding(07), Log-in(11) or Coding II(11), Long Average Ambient Threshold TLAA, Long Average Time Constant TCLAA, Longit. Accel. Sensor Zero Pos. Calibration, Loudness Actuator For Exterior Noise Uds, Loudness Actuator For Structure Borne Sound, Low Beam Response, Low Beam Response (Terminal 15), Low Confidence Threshold, Low Voltage Shut-Off, Lower Locking Range, Lower Speed Threshold For Immediate Main Beam Off, Lower Speed Threshold For Main Beam Off, Lower Speed Threshold For Main Beam On, LP - Exhaust Gas Recirculation Basic Setting, LP-EGR Diff. Press. Sens. Home Setting, Luggage Compartment Cover Adjustment Track Tolerance, Luggage Compartment Cover Block Counter Tolerance, Luggage Compartment Cover Count Foreblock Runs, Luggage Compartment Cover Maximum Count Block Runs, Luggage Compartment Cover Reset Normalisation, Luggage Compartment Cover Test Run, LWR Offset Left, LWR Offset Right, Magnetic clutch adaption, Main Beam Assist Calibration, Manual ECall Cancellation Time, Manual ECall Trigger Time, Manual Regeneration Of Diesel Particulate Filter, Manual Regeneration Of Diesel Particulate Filter During Drive, Manual Test Of EGR Low Pressure Filter, Manual Test Of Exhaust Gas Flap, Manual Test Of Low Pressure EGR Valve, Manufacturer Specific Connect App Screening, Matching The ECU To Fuel Type (Gasoline Or Diesel), Material Index, Matrix Headlamp General Dimming, Matrix Headlamp Steering Angle Control, Max Short Average Time Constant TCSAAMax, Maximum Compressor Speed At Speed Less Than 15 Km H, Maximum Gateway Response Time, Maximum Mileage to Service, Maximum Speed Limiter, Maximum Time to Service, Maximum Vehicle Speed, MCTX Pause, MCTX Pause For Go / Key Minder, MCTX Pause For Go Authentication, MCTX Settling Phase, Mechatronic Identification, Media Country Code, Media Country Code HMI, Media Device Basic Volume, Media Play Volume Adjustment, Menu-Driven Configuration, Metered Quantity Measurement/Large Quantity, Metered Quantity Measurement/Small Quantity, Metering Pump Activation, Microphone Sensitivity, Microphone Sensitivity Adjustment, MIL Enabling, Mileage, Mileage (Since Service), Mileage Data Adjustment, Mileage/Odometer, Min Receptiontime Vit, Min Time For Terminal 50 Request, Minimal Opening Angle Of Flaps, Minimum Holdtime Ak, Minimum Mileage to Service, Minimum Time to Service, MMI After-Run Time, MMI Display Time During Rear Zone Adjustment, MMI Display Time For Quadrologic Functions, MMI Display Time For Temperature Adjustment, MMI Remote Control learning (Part 1), MMI Remote Control learning (Part 2), MMI System Restart, Mobile Country Code, Mobile Phone Network Provider, Mobile Phone Network Provider Customer Paid, Most Ring Break Detection, Mounting Parts, Mounting Position Calibration, Mounting Position Calibration SC, Move Display To Service Position, Move Gear Positioner To Neutral Position, Move Gear Positioner To Removal Position, Moving Indicator Threshold, Multi Contour Approach Hysteresis Target Pressure Starting, Multi



Contour Error Memory Allocation MSG, Multi Contour Seat Additional Functions Adaptation, Mute Delay, Muting Characteristics Adjustment, MVK, NAR Parking Light Deactivation, Natural Gas Pressure Reduction, Navigation System Calibration Reset, Navigation System Volume During Voice Control, Near Field Communication Control Module 1, Near Field Communication Control Module 2, Near Field Communication Control Module 3, Neutral Position Sensor Adaptation, Neutral Position Sensor Adapting, New DPF Reset Adaptation Values, New DPF, Reset Adaptation Values, NFA Supplier LRD, NFC FS Debug Switch, NFC MiKo Debug Switch, NFC Rear Debug Switch, NightVision Video Image Shift, No-Load Current Test, Nominal Pressure Line Choice At EOL, Nominal Voltage Dimming, Normalization, NOX Sensor Offset, Nox Storage Catalyst Bank 1, NOx Storage Catalytic Converter Regeneration While Driving, Null Balance Seat Occupied Recognition, Null Balancing Steering Wheel Angle Sensor, Number Of Multiple ZAT Activations To Emergency Shutoff, Number Of Navigation Destinations, Number Of Recharge On Demand, Number Of Simultaneously To Be Adapted Keys, Number Of Street Light X16 Highway, Number Of Street Light X16 Village, Number Of Tones For Tone 3, Number Of ZAT Activations To DTC, NV Power Management, OBD Channel, Occupant Detect System, Off Timer Inside Light, Off Timer Inside Light Light Module 2, Offset Maximum Programmable Opening Stop, Oil Ash Volume (ECM Replacement), Oil Life Reset, Oil Minimum Detection, Oil Pressure Regulation Switching Test, Oil Quality, Oil Temperature/Level Sensor Installation, On Board Data Collector Block 1, On Board Data Collector Block 2, On Board Data Collector Block 3, On Board Data Collector Block 4, On Board Data Collector Block 5, On Board Data Collector Block 6, On Board Data Collector Block 7, Onboard Data Collector Initialisation, One Touch Memory (Fingerprint) PIN, Online Remote Update Software Consistent Check, Online Service Back End CAI Event Request URL, Online Service Back End CSM Request URL, Online Service Backend Primary Hostname, Online Service Backend Secondary Hostname, Open and Close Parking Brake Pistons, Open Coupling For Car Manufacture, Open Rear Parking Brake (Prior Pad Change/Repair), Open Up Display, Opening Height Limit Production Mode, Operating And Display Unit 1 Proximity Sensor Basic Adaptation, Operating Element Illumination Test, Optical Illustration, Optical Parking Aid Display (Distance), Optical Parking Aid Display (Duration), Optical Performance, Options, Output Level, Outside Temperature Threshold For Activation Of PTC Auxiliary H, Overboost (OB)/Overload Operation, Overshoot Time Additional Heating, Oxidation Catalytic Converter Adaption, Oxidation Catalytic Converter: Resetting, P A Debouncing Brake Gearbox Can, P A Limit Message Counter, P A Protocol Error Max, P Damping Display, P Dimming Default Pwm, P HMI Display, P K I, P K I Offset, P K P, P N Error P Locked, P Performance Lrh, P Pwm Lrh, P S NWDF Spg, P T Blinker Err Alarm Clock Hanging Off, P T Blinker Err Flashing Horn Hangs On, P T Blinker Err Gra Hangs Off, P T Blinker Err Gra Hangs On, P T Blinker Err Unplausible, P T Debounce Time Overvoltage, P T Debounce Time Undervoltage, P T Debouncing P Unplausible, P T Debouncing Ride, P T Detection Ride, P T Dimming Caster, P T Err Plaus, P T Ezs Debounce, P T Ezs Err Unplausible, P T Fas Debounce, P T Gra Ea Error, P T Gra Lever Debounce, P T Gra Lever Err El Interruption, P T Gra Lever Err El Short Circuit, P T Gra Lever Err Gra Hangs Off, P T Gra Lever Err Gra Hangs On, P T Gra Lever Err Unplausible, P T Gra Tip, P T Horn Debounce, P T Horn Err Horn Hangs Off, P T Horn Err Horn Hangs On, P T Horn Err Note, P T Horn India Debounce, P T Indicator Gra Debounce, P T Limit V, P T Lin Err Kl15mfl Short Circuit Off, P T Lin Err Kl15mfl Short Circuit On, P T Lin Err Short Circuit, P T Lin Sleepframe Kl15 Off, P T Lrh Interruption Debounce, P T Lrh Regulator I Factor, P T Lrh Regulator I Offset, P T Lrh Regulator P Factor, P T Lrh Regulator Temp Request 1, P T Lrh Regulator Temp Request 2, P T Lrh Regulator Temp Request 3, P T Lrh Short Circuit Debounce, P T P Locks Debounce, P T P Locks Err El Short Circuit, P T P Locks Err Unplausible In Parking Position Off, P T P Locks Err Unplausible In Parking Position On, P T P Locks Err Unplausible Off, P T P Locks Err Unplausible On, P T Plaus Start, P T S Contact Caster, P T Start Delay Lin Kom, P T Target 0, P T Target 1, P T Target 2, P T Turn Signal Blocking Time, P T Turn Signal Debounce, P T Turn Signal Err El Break, P T Turn Signal Err El Short Circuit, P T Turn Signal Err Flashing Horn Hangs Off, P T Turn Signal Err High Beam Hangs Off, P T Turn Signal Err High Beam Hangs On, P T Turn Signal Err Wake-Up Contact On, P T Voltage Lower Threshold, P T Voltage Lower Threshold Funct, P T Voltage

Upper Threshold, P T Voltage Upper Threshold Funct, P T Washing Front Bew, P T Wiper Debounce, P T Wiper Err El Interruption, P T Wiper Err El Short Circuit, P T Wiper Err Interval Poti Hangs Off, P T Wiper Err Interval Poti Hangs On, P T Wiper Err Mfa Hangs Ein, P T Wiper Err Mfa Hangs Off, P T Wiper Err Swipe Hangs Off, P T Wiper Err Swipe Hangs On, P T Wiper Err Unplausible, P T Wiper Err Washing Hangs Off, P T Wiper Err Washing Hangs On, P T Wiper Interval Debounce, P T Wiper Winter Position, P T Zss Err Interruption, P T Zss Err Short Circuit A, P T Zss Err Short Circuit Off, P Temp Steering Wheel Heating Off, P Time Temperature Static Lrh, P W Brightness Factor, P W Dimming Offset, P W Limit Detected Mfl Type, P Wash Warning, Pad Thickness, Pairing Process Sim Card Reader, Parameter Animation, Parameter Climatic Comfort For Start / Stop Function, Parameter Defogging For Start / Stop Function, Parameter Evaporator Dew Point Sailing Function, Parameter Group 1, Parameter Group 10, Parameter Group 2, Parameter Group 3, Parameter Group 4, Parameter Group 5, Parameter Group 6, Parameter Group 7, Parameter Group 8, Parameter Group 9, Parameter Hmi, Parameter Read Adaptation, Parameters Water Mass Sailing Function, Parental Management Level Reset, Parking Aid Deactivation Speed, Parking Brake Function Test, Parking Brake Initialisation, Parking Brake Release (Brake Pedal), Parking Brake Release (Message), Parking Brake Release (Seatbelt), Parking Steering Assistant Cut-In Speed Adj., Partially Activated Engine For Automatic Trans Fluid Change, Particulate Filter Regeneration, Passenger Detection Multi Contour Seat, Passenger Seat Occupation Recognition Sensor Deactivation, Passive Entry Exit: Control By Pulling The Door Handle During A, Passive Entry Exit: Entry Request E Sliding Door Active Time, Passive Entry Exit: Minimum Activity Time Locking Sensor, Passive Entry Exit: PARA T TIMOUT PROXIMITY ENTRY, Passive Entry Exit: T ACT OP 2, Password Customer Paid Connection, Path, Pdm Defragmentation, Personalization (Key 1), Personalization (Key 2), Personalization (Key 3), Personalization (Key 4), Personalized Settings User Account 1, Personalized Settings User Account 1 Name, Personalized Settings User Account 2, Personalized Settings User Account 2 Name, Personalized Settings User Account 3, Personalized Settings User Account 3 Name, Personalized Settings User Account 4, Personalized Settings User Account 4 Name, Personalized Settings User Account 5, Personalized Settings User Account 5 Name, Personalized Settings User Account 6, Personalized Settings User Account 6 Name, Personalized Settings User Account 7 Name, Picture Contrast, PLA Dev Msg, PLA Minimum Speed Limitation, Platform Identification, Plausibility Limit Suspended HKIT, PMS CL Address, Pnc Create Vehicle Cert Res, Pnc Delete Contract Req, Pnc Delete Vehicle Key Pair Req, Pnc Diagnostic Push Ack, Pnc Install Contract Req, Pnc Install Root Certificate Container Req, Pnc Report Unknown Root Cert Ack, PODS Rezero, PODS Serial Number Adjustment, Position Distance, Post Test Registration Time, Potentiometer And Flap Alignment, Potentiometer Flap Motor Alignment, Power Adjustable Steering Column Control Module Basic Setting, Power Flow Interrup. When Stationary Adjustm., Power Latching Test Run, Power Steering Control Module Adaptation, Power Sunroof Control Module Basic Setting, Powertrain CAN-Databus, Pre-Glow Period, Pressure Accumulator Preload Pressure, Pressure Reduction, Pretensioner Left Serial Number, Pretensioner Right Serial Number, Production Date Transmission, Production Diagnostics, Production Mode, Production Mode Deactivation, Production Process Data 1, Production Process Data 2, Production Process Data 3, Production Routine Blower Regulation, Production Routine Blower Voltage, Production Routine Nominal Temperature Inside, Production Routine Rear Blower Voltage, Program Interstop, Program Remote Control, Program Sensor Code, Programming Data Pretensioner 2nd Row Left, Programming Data Pretensioner 2nd Row Right, Programming Data Pretensioner Left, Programming Data Pretensioner Right, Programming Trailer Coupling, Protection CAN Wakeup, Protection Function, Protection RH850 WakeUp, Proximity Sensor: Comfort Exit Enlargement, Proximity Sensor: Duration Of Proximity Signal, Proximity Sensor: Lower Limit Proximity Pulse, Proximity Sensor: Lower Limit Pulse, Proximity Sensor: Max Vehicle Speed For A Standing Vehicle, Proximity Sensor: Max. Intermission Length Diagnostic, Proximity Sensor: Max. Length Of Diagnostic Pulse, Proximity Sensor: Max. Length Of Entry Pulse, Proximity Sensor: Max. Length Of Exit Pulse, Proximity Sensor: Max. Length Of Signal Hall Sensor, Proximity Sensor: Max. Pulse Length, Proximity

Sensor: Max. Pulse Length Of Proximity Pulse, Proximity Sensor: Max. Signal Length, Proximity Sensor: Max. Tolerance Data Bit Length, Proximity Sensor: Min Vehicle Speed For A Driving Vehicle, Proximity Sensor: Min. Engine Speed For A Running Engine, Proximity Sensor: Min. Length Of Diagnostic Pulse, Proximity Sensor: Min. Length Of Entry Pulse, Proximity Sensor: Min. Length Of Exit Pulse, Proximity Sensor: Min. Tolerance Data Bit Length, Proximity Sensor: SP X2, Proximity Sensor: SP X3, Proximity Sensor: SP X4, Proximity Sensor: SP X5, Proximity Sensor: SP X6, Proximity Sensor: SP X7, Proximity Sensor: Time Power On, Proximity Sensor: Timer Value For Exit Reverse Option, Proximity Sensor: Timer Value For Exit Reverse Option BCM: Par, Proximity Sensor: Turn Off Limit From Battery Manager, Proximity Sensor: Upper Limit Intermission Length, Pump Calibration, PWM To Level Scaling Factor Front, PWM To Level Scaling Factor Rear, Quantity Comparison, Quick Charging Of High Voltage Battery, Quick Quiescent Current Analysis, Quickstart - Adaptation Pressure Characteristic Engine Decouple, Quickstart - Adaption Boost Pressure Actuator, Quickstart - Adaption of Exhaust Gas Recirculation Valve, Quickstart - Adaption Of Intake Manifold Runner Flap Bank 1, Quickstart - Adaption Of Intake Manifold Runner Flap Bank 2, Quickstart - Adaption of turbo charger, Quickstart - Automated Boost Control, Quickstart - Automated exhaust gas recirculation, Quickstart - Bank Balancing, Quickstart - Blocked Catalyst, Quickstart - Boost Pressure Actuator, Quickstart - Brake Booster Pump, Quickstart - Camshaft Position Diagnostics, Quickstart - Catalyst Conversion Capability, Quickstart - Catalyst Conversion Capability Bank 2, Quickstart - Catalytic Converter Regeneration, Quickstart - Check Complete Electrical Test, Quickstart - Check Cylinder Balancing, Quickstart - Check Deactivating Of Sail Function, Quickstart - Check Diesel Particulate Filter Missing Substrate, Quickstart - Check Low Pressure EGR Cooling Efficiency, Quickstart - Check Oxicat Efficiency, Quickstart - Clutch Slip Point Adaptation Engine Decoupler, Quickstart - CNG Activation System Discharge, Quickstart - CNG Deactivation System Discharge, Quickstart - Cold Start Injector, Quickstart - Compression test 1, Quickstart - Coolant Valve For Gearbox, Quickstart - Cooling Valve, Quickstart - Crankcase Ventilation Test, Quickstart - Crankcase Ventilation Valve, Quickstart - Cylinder Pressure Sensor Check, Quickstart - Demount Friction Stuck Boost Pressure Actuator Tes, Quickstart - Deviation Lambda Control, Quickstart - Deviation Lambda Control CNG, Quickstart - Diesel Particulate Filter, Quickstart - EGR Valve Cooler Bypass Valve, Quickstart - Electric Supercharger, Quickstart - Engine Shut-Off, Quickstart EOL Engine Speed Increase, Quickstart - EVAP Purge Valve 2, Quickstart - EVAP Purge Valve Functional Check, Quickstart - EVAP System Pressure Check, Quickstart - EVAP System Pressure Rough Leak Check, Quickstart - Exhaust Gas Recirculation, Quickstart - Exhaust Gas Recirculation Cooler Fouling Test, Quickstart - Fuel Injector Test, Quickstart - Fuel Supply System Test, Quickstart - Fuel Supply System Test V2, Quickstart - Fuel Tank Isolation Valve Functional Check, Quickstart - Fuel Trim Adaption Idle, Quickstart - Fuel Trim Adaption Intake Manifold Injection, Quickstart - Fuel Trim Adaption Part Load, Quickstart - Gasoline High Pressure Injection Test, Quickstart - Glow-plug control module, Quickstart - Governor Deviation Exhaust Gas Recirculation, Quickstart - Half Engine Mode, Quickstart - Heater Oxygen Sensor 1 Bank 1, Quickstart - Heater Oxygen Sensor 1 Bank 2, Quickstart - Heater Oxygen Sensor 2 Bank 1, Quickstart - Heater Oxygen Sensor 2 Bank 2, Quickstart - Individual Cylinder Lambda Adaption, Quickstart - Injectors Module 1 Idle Warm Test, Quickstart - Injectors Module 1 Idle Warm Up Test, Quickstart - Injectors Module 2 Injector Test, Quickstart - Intake Manifold Pressure Compensation, Quickstart - Intake Manifold Runner Flap, Quickstart - Intake Manifold Runner Flap Bank 1, Quickstart - Intake Manifold Runner Flap Bank 2, Quickstart - Kick Down Adaption, Quickstart - Knock Sensors, Quickstart - Manual Transmission Fluid Pump Test, Quickstart - Misfire Test, Quickstart - NOx Sensor 1 Test, Quickstart - NOx Sensor 2 Test, Quickstart - NOx Sensor Dynamic Test, Quickstart - NOx Sensor Test Modell Based, Quickstart - O2 Check For Oxygen Sensor, Quickstart - Open Circuit Adjustment Voltage, Quickstart - Open Circuit Test Power Electronics To Electric Mo, Quickstart - Open Position Check Boost Pressure Actuator, Quickstart - Oxygen Sensor, Quickstart - Oxygen Sensor Confusion (Left/Right Or Sensor2/3), Quickstart - Oxygen Sensor Front Offset Check, Quickstart - Oxygen Sensor Front Offset Check Bank 2, Quickstart - Oxygen Sensor Front Signal Dynamic Check,

Quickstart - Oxygen Sensor Front Signal Dynamic Check Bank 2, Quickstart - Oxygen Sensor Heater Behind Cat, Quickstart - Oxygen Sensor Heater Gear, Quickstart - Oxygen Sensor Rear Oscillation Check, Quickstart - Oxygen Sensor Rear Oscillation Check Bank 2, Quickstart - Oxygen Sensor Rear Signal Activity Check, Quickstart - Oxygen Sensor Rear Signal Dynamic Check, Quickstart - Oxygen Sensor Rear Signal Dynamic Check Bank 2, Quickstart - Oxygen Sensor Rear Signal Responsetime Check, Quickstart - Oxygen Sensors And Catalyst, Quickstart - Parallel Fuel Trim And Mass Flow Adaption, Quickstart - Plausibility Air-Mass Sensor, Quickstart - Pre Fuel Pump, Quickstart - Pre Fuel Pump (Short-trip), Quickstart - Reductant System Consumption Monitoring, Quickstart - Reductant System Wrong Medium Detection, Quickstart - Replacement Of Turbocharger Actuator, Quickstart - Reset Of Adaption Values, Quickstart - SCR Complete System Test, Quickstart - SCR Efficiency Test, Quickstart - SCR Metering Quantity Test, Quickstart - Secondary Air System, Quickstart - Secondary Air System - Bank 2, Quickstart - Speed Increase Chassis System Bleeding, Quickstart - Summary Of Testroutines For Production, Quickstart - Summary Of Testroutines For Production 1, Quickstart - Summary Of Testroutines For Production 2, Quickstart - Supercharger Regulation Flap Adaption, Quickstart - Throttleposition Adaption Bank 2, Quickstart - Turbo Charger, Quickstart - Turbo Charger Bypass Valve, Quickstart - Turbocharger Turbine Inlet Actuator, Quickstart - Turbocharger Wastegate Actuator, Quickstart - Variable Intake Manifold / Variable Resonance, Quickstart - Variable Valve Timing Inlet Bank 2, Quickstart - Ventilate Coolant Circuit, Quickstart - VVLI Functional Check, Quickstart - VVT Response/Stuck Check - Inlet, Quickstart - VVT Response/Stuck Check - Outlet, Quickstart - Warm-Up Procedure 1, Quickstart - Warm-Up Procedure 2, Quickstart - Warm-Up Procedure 3, Quickstart - Warm-Up Procedure 5, Quickstart - Warm-Up Procedure 6, Radiator Blind Adaptation, Radiator Blind Basic Setting, Radio Sender Transfer Setting, Rain/Light Sensor Setup, Rain/light Sensor: Adapting, Range Estimation, Read And Write Of Oil Aging Values, Read Injector Code, Read Injector Codes, Read Write History Data E Machine, Read Write History Data Inverter, Readiness Code (Automatic "End Of Line" Check), Readiness Test, Reading / Reset Of Electrical Charger Cycle Data, Reading / Reset Of Particulate Filter Statistics, Readout System State Control Module Tank Leak Detection, Real Time Monitor Thresholds, Rear Axle Full Deceleration Adjustment, Rear Axle SPECIFIED Pressure Comfort, Rear Axle SPECIFIED Pressure Fully Loaded, Rear Axle SPECIFIED Pressure Partially Loaded, Rear Axle SPECIFIED Pressure Standard, Rear Buzzer Frequency, Rear Buzzer Volume, Rear Center Belt Tensioner Deactivation, Rear Compartment Monitoring Data Set, Rear Compartment Monitoring Internal Data Set, Rear Driver Belt Tensioner Deactivation, Rear Driver Side Airbag Deactivation, Rear Fog Light Dimming, Rear Left Brake Adaptation, Rear Lid Basic Setting, Rear Lid Minimum Opening Height, Rear Lid Motor Opening Height Offset After Basic Setting, Rear Lid Opening Sender Application Data Identification, Rear Lid Opening Transmitter 1 AS, Rear Lid Opening Transmitter 1 Burst Length, Rear Lid Opening Transmitter 1 Timer 1, Rear Lid Opening Transmitter 1 Timer 2, Rear Lid Opening Transmitter 1 Timer 3, Rear Lid Opening Transmitter 1 Timer 4, Rear Lid Opening Transmitter 1 Timer 5, Rear Lid Opening Transmitter 1 Treshold 1, Rear Lid Opening Transmitter 1 Treshold 2, Rear Lid Opening Transmitter 1 Treshold 3, Rear Lid Opening Transmitter 1 Treshold 4, Rear Lid Opening Transmitter 1 Treshold 5, Rear Lid Opening Transmitter 1 Vref, Rear Lid Opening Transmitter 2 AS, Rear Lid Opening Transmitter 2 Burst Length, Rear Lid Opening Transmitter 2 Timer 1, Rear Lid Opening Transmitter 2 Timer 2, Rear Lid Opening Transmitter 2 Timer 3, Rear Lid Opening Transmitter 2 Timer 5, Rear Lid Opening Transmitter 2 Timers 4, Rear Lid Opening Transmitter 2 Treshold 1, Rear Lid Opening Transmitter 2 Treshold 2, Rear Lid Opening Transmitter 2 Treshold 3, Rear Lid Opening Transmitter 2 Treshold 4, Rear Lid Opening Transmitter 2 Treshold 5, Rear Lid Opening Transmitter 2 Vref, Rear Lid Opening Transmitter Checksum, Rear Lid Opening Transmitter Comparisson, Rear Lid Opening Transmitter Cycle Protection Activ Treshold, Rear Lid Opening Transmitter Cycle Protection Deactiv Treshold, Rear Lid Opening Transmitter Cycle Protection Decrement Interva, Rear Lid Opening Transmitter Cycle Protection Decrement Value, Rear Lid Opening Transmitter Cycle Protection Increment Value, Rear Lid Opening Transmitter Duration Sensor Request, Rear Lid Opening Transmitter

Fusion Timer A1, Rear Lid Opening Transmitter Fusion Timer A2, Rear Lid Opening Transmitter Vehicle Type, Rear Lid Position For Power Latch Activation, Rear Lid Power Opening Control Unit Checksum, Rear Lid Power Opening Control Unit Data Set Version, Rear Lid Power Opening Control Unit Duration Status Request, Rear Lid Power Opening Control Unit Foot Gesture Detection Eval, Rear Lid Power Opening Control Unit Foot Gesture Detection Time, Rear Lid Power Opening Control Unit Play Protection Decrement I, Rear Lid Power Opening Control Unit Play Protection Decrement V, Rear Lid Power Opening Control Unit Play Protection Increment V, Rear Lid Power Opening Control Unit Reset All Counters, Rear Lid Power Opening Control Unit Threshold Play Protection A, Rear Lid Power Opening Control Unit Threshold Play Protection I, Rear Lid Power Opening Control Unit Transmitter 1 Active Shield, Rear Lid Power Opening Control Unit Transmitter 1 Burst Length, Rear Lid Power Opening Control Unit Transmitter 1 Control Param, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 1, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 2, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 3, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 4, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 5, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 1, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 2, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 3, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 4, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 5, Rear Lid Power Opening Control Unit Transmitter 2 Active Shield, Rear Lid Power Opening Control Unit Transmitter 2 Burst Length, Rear Lid Power Opening Control Unit Transmitter 2 Control Param, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 1, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 2, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 3, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 4, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 5, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 1, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 2, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 3, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 4, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 5, Rear Lid Power Opening Control Unit Vehicle Type, Rear Lid Reset Normalisation, Rear Light Left 1 Parameter Set, Rear Light Left 2 Parameter Set, Rear Light Right 1 Parameter Set, Rear Light Right 2 Parameter Set, Rear Passenger Belt Tensioner Deactivation, Rear Passenger Side Airbag Deactivation, Rear Right Brake Adaptation, Rear Right Wheel/Height Calibration, Rear Roof Shades Basic Setting, Rear Sliding Roof Basic Setting, Rear Sunroof Control Module Adaptation, Rear Window & Outside Mirror Heater Activation Time, Rear Wiper Comfort Function, Reception Optimization, Recirculation Pump During Auxiliary Heating, Recirculation Pump Lock Adaptation, Recirculation Pump Replacement, Redial Time Call Initiation, Redial Time Dropped Call, Redial Time Free Line, Reduced Application Force For Auto Hold Up And Downhill Swell, Reduced Current For Transponder ID Request, Reducing Fuel Pressure, Reference Channel Delay, Reference Channel Delay Adjustment, Reference Point Production, Referencing LKL1, Referencing LKL2, Regeneration Of Exhaust Gas Recirculation Cooler, Release Transmission Hydraulic Pump, Reload Pressure Sensor Identification, Remote Clock, Remote Control, Remote Control Adaptation, Remote Control Adaptation (Memory Location), Remote Control Barcode, Remote Control Erasing, Remote Control Learning, Remote Control Matching, Remote Control Rear Lid Operating Time, Remote Control Unit Learning, Remote Control: AM Frequency, Remote Control: Balance, Remote Control: Fader, Remote Control: FM Frequency, Remote Control: Function, Remote Control: Receiver, Remote Control: Source, Remote Control: Volume, Remote Door Unlock Door Status Update Delay, Remote Speed Alert Minimum Speed Limit, Remote Start Nominal Temperature, Remote Start Temperature Seat Heating, Remote Start Temperature Seat Ventilation, Remote Start Window Heating Temperature, Remote Vehicle Disabling Maximum Speed Limit, Remote Vehicle Disabling Minimum Clamp 15 Off Time, Remote Vehicle Tracking Position Timeout, Replace Control Unit: Transfer Configuration, Reset Adaptation Parameters, Reset Adaption Fuel Pressure B1S1 Upstream High Pressure Pump, Reset Adaption Of Application Point To Factory Settings, Reset Adaption Of Crankshaft

Pulse Generating Wheel, Reset Adaption To Factory Setting, Reset Adaption Value, Reset Adaption Values Potentiometers In Vents, Reset AdBlue System Data, Reset After Replace Of Quantity Value And Pressure Control, Reset After Replace Pressure Supply Init Adapt Electric Motor, Reset After Replacement Energy Histogramm Engine Decoupler, Reset After Replacement Of Air Mass Flow Sensor, Reset After Replacement Of Diesel Particulate Filter, Reset After Replacement Of Differential Pressure Sensor, Reset After Replacement Of Engine Decoupler, Reset After Replacement Of Exhaust Gas Recirculation Valve, Reset After Replacement Of Injector 1, Reset After Replacement Of Injector 2, Reset After Replacement Of Injector 3, Reset After Replacement Of Injector 4, Reset After Replacement Of Lambda Sensor, Reset After Replacement Of Oxidation Catalytic Converter, Reset After Replacement Of Quantity Mean Value Adaptation, Reset After Replacement Of SCR Catalyst, Reset After Replacement Of Turbo Charger, Reset After Replacement Of Variable Oil Pump, Reset Air Mass Meter Adaptation Values, Reset All Counter, Reset All Counters, Reset Battery Charging Profiles, Reset Battery Charging Timer, Reset Brake Temperature Monitoring, Reset CAN Information, Reset Catalytic Converter Adaptation, Reset Clutch 0 Logging Dates, Reset Clutch 1 Logging Dates, Reset Clutch 2 Logging Dates, Reset Clutch Characteristic, Reset Clutch Characteristic Clutch 0, Reset Clutch Control Travel Pressure Characteristic, Reset Clutch Pressure Sensor Adaptation, Reset Clutch Values, Reset Clutch Values For Transient Friction, Reset Clutch Values Forward, Reset Clutch Values Reverse, Reset Clutch Wear, Reset Control Unit, Reset Convertible Roof Cycles Control Value On Off, Reset Coolant Pump Adaption Values, Reset Counter For Mechanical Stress, Reset Counter For Rollover-Bar-Deployment, Reset Crash Detection Signal, Reset Dead Reckoning Calibration, Reset DPF Differential Press. Sensor Adapt., Reset Drivingparts Per Shift Position, Reset DVD Juvenile Release Password, Reset Emergency Battery History, Reset Energy Management Counter, Reset Engagement Counters, Reset Exhaust Flap Control Module, Reset Factory Defaults, Reset Frequency Counter, Reset Frequency Counters, Reset Fuel On Adaption, Reset Fuel On Fuel Off Adaption, Reset Fuel Pressure Adaptation, Reset Gear Positioner Values, Reset Gearbox Mileage, Reset Headlight Regulation Counter, Reset Highest Appeared Brake Temperature, Reset Injector Adaptation Values, Reset Injector Closure Time Adaptation Values, Reset Kiss Point Adaption Fault Statistics 1, Reset Lambda Sensor Adaptation Values, reset lock sensors, Reset Magnetic Clutch Adaption, Reset Master Slave Assignment, Reset Max Value, Reset Maximum ECU Currents, Reset Maximum ECU Temperatures, Reset Maximum Smart Actuator Currents, Reset Mileage And Adaption Counter, Reset Mileage Of Rough Road Detection, Reset Misfire Adaptation, Reset MOST Bus Break Counter, Reset Of Adaption Value Current Linearization, Reset Of Adaption Value EDL Closed, Reset Of Adaption Value EDL Open, Reset of Adaption Values, Reset Of Adaption Values Gear Box, Reset Of Adaption Values Injector, Reset Of Adaption Values Oil Ageing, Reset of Adjustment/Calibration Values, Reset Of All Adaptions, Reset Of All Air Condition Counters, Reset Of All Counters, Reset Of All Mode Counter, Reset of CO-Adaption Values, Reset Of CAN Message Alive Detection, Reset Of Central Signal Processing Adaption Values, Reset Of Clutch Pressure Adaption, Reset Of Combustion Chamber Pressure Sensor Adaption, Reset Of ECU In Delivery State Of Manufactor, Reset Of First Filling Status, Reset Of Hydraulic Pressur Sender 1 Offset, Reset Of Identification Data Collected On Lin Bus, Reset Of Injector Closing Time Adaption, Reset Of Preignition Counter, Reset Of Qsp Torque Display Adaption Values, Reset Of Raw Values Of Level Sensors In Rebounded Position, Reset Of Reductant System Adaption, Reset Of SCR Restriction Counter, Reset Of SCR Tank Level Sensing, Reset Of State Information, Reset Of Steering Support Adaption Values, Reset of Survey Counter, Reset of System Specific Adaption Values, Reset Of The Reversible Overcurrent Cutoff, Reset Of Tick Learner, Reset Of Tire Not Fixed Detection Adaption Values, Reset Of Zero Point Brake Pedal Position Sender, Reset Particulate Filter (b1) Adapt. Values, Reset Particulate Filter (b2) Adapt. Values, Reset Particulate Filter Adaption Values, Reset Plug-in Cycles of Charging Socket, Reset Pressure Reduction Logging Dates, Reset Rail Pressure Control Valve, Reset Rollover Trigger Counter, Reset SCR tank system adaptation, Reset Side Window Blind Normalisation Driver Rear, Reset Side Window Blind Normalisation Passenger Rear, Reset Speeding Value, Reset

Standardization, Reset Start Inhibit Due To Lack Of AdBlue, Reset Start/Stop Counter, Reset Statistic Memory, Reset Stored Temperature Measured Values, Reset Temperature Model, Reset Timing Chain Adaption Values, Reset To As-Delivered Condition To Control Module Manufacturer, Reset To Basic Settings, Reset To Factory Setting, Reset To Factory Settings, Reset Total Clutch Adaption, Reset Turbocharger Adaption Values, Reset Wheel Calibration, Reset Window Regulator Adaption Driver Side Front, Reset Window Regulator Adaption Driver Side Rear, Reset Window Regulator Adaption Passenger Side Front, Reset Window Regulator Adaption Passenger Side Rear, Reset Window Regulator Normalisation Driver Side Front, Reset Window Regulator Normalisation Driver Side Rear, Reset Window Regulator Normalisation Passenger Side Front, Reset Window Regulator Normalisation Passenger Side Rear, Resetting Adaptation Variable Oil Pump, Resetting Crankshaft Sensor Wheel Adaptation Values, Resetting Misfire Adaptations, Resetting Of All Adaptation Values, Resetting Of Injector Adaptation Values, Resetting Of Learned Values Of Turbocharger, Resetting Of Oxygen Sensor Adaptation Values, Resetting Of Service-Interval Display, Response Delay To Close Rear Lid, Response Delay To Open Rear Lid, Rest Recommendation, Retract Display, Reversing Distance At Closing, Reversing Distance At Opening, Reversing Threshold Driver Side Front, Reversing Threshold Driver Side Rear, Reversing Threshold Passenger Side Front, Reversing Threshold Passenger Side Rear, Right Front Wheel/Height Calibration, Right/left-Hand Drive Configuration, Rka Reset Dynamic Data, RKA Simulation Mode, RLE Simulation Mode, Roller Test Stand Mode, Roll-Over Bars Deactivation, Roll-Over Bars Trigger Counter Reset, Rollover Protection Test, Roof Blind Go To Service Position, Roof Blind Normalisation, Roof Blind Reset Normalisation, Roof Crash Detection Speed Limit, Roof Roller Blind Basic Setting, Roof Shade Control Module Adaptation, Roof Shades Basic Setting, RPM Threshold Engine Running, RTM Request Cycle Time, Safe Confirmation, Scan Error Time, Scan Procedure: Current Limiting On Under Voltage At Go Protoco, Scan Procedure: Cycle Convenience Coverage Limiting, Scan Procedure: Number Of Repeats, Scan Procedure: P Keyless Event Search Retries Pause, Scan Procedure: Timeout Authentication Result, Scan Procedure: Timeout Control, Scan Procedure: Timeout ID Transmitter Ready To Receive After L, Scan Procedure: Timeout LF Repetition, Scan Velocity Threshold, ScanProcedure: Timeout Entry Response, ScanProcedure: Timeout Response, SCR Inducement Operating Hour Reset, SCR Metering Quantity Test Matching, Scr System Reset, Screen Wiper Motor: Adapting, SDARS Preactivated Subscription, Search Illumination Brightness, Seat Heating Power Stage 2 To 1 Reduct. Time, Seat Heating Power Stage 3 To 2 Reduct. Time, Seat Occupant Recognition Basic Setting, Seat Occupied Recognition, Seat Occupied Recognition Control Module Basic Setting, Seat Occupied Recognition Reset, Seatbelt Warning, Security Access (16) Adaptation (10) / Long Adaptation (0A), Security Access(16) Basic Settings (04), Security Version Number, Select Characteristics Curve, Selective (Single) Door Locking, Selector Lever Basic Setting, Selector Lever Position Sensor Calibration, Self Leveling Suspension Calibration to Determine Axle Load, Self-Levelling Suspension Activation, Self-Levelling Suspension Calibration, Self-Levelling Suspension Calibration Reset, Self-Levelling Suspension Deactivation, Self-Levelling Suspension Deactivation Permanent, Sensor Plausibility Enabling, Sensor Unit Zero Position Compensation, Sensor Wheel Adaptation, Erase Adaptation Values, Serial Tracing, Service Early Warning In Days, Service Early Warning Prediction, Service Key Clear Data, Service Light Reset, Service Menu, Service Mode Hybrid Drive, Service position, Service Range, Service Reminder, Service Reminder: Distance to Inspection "INSP 01", Service Reminder: Distance to Oil Service "OIL", Service Reminder: Max. Distance to Inspection "INSP 01", Service Reminder: Max. Distance to Oil Service "OIL", Service Reminder: Max. Time to Inspection "INSP 02", Service Reminder: Time to Inspection "INSP 02", Servo Pump Load Calibration, Set Actuator Volume, Set AdBlue Tank Level To "Full", Set Aging Counter, Set And Reset Parking Brake Motor Piston, Set Brake Application Signals, Set Clutch Mileage To Zero, Set Development Mode Minimum Speed Limitation, Set Function On Demand Product Data, Set Gearbox Mileage To Vehicle Mileage, Set Mapping For Injectors After ECU Replacement, Set Number 2 For Info Call, Set Number 2 For Service Call, Set Number For Info Call, Set Number For Service Call, Set Number Of Wheel Counting Impulse,

Set Number Roaming For Info Call, Set Number Roaming For Service Call, Set Of Clutch Mileage To Value, Set Pay TMC, Set PLA WPCA Car Corr Factor Development, Set PLA WPCA Min Change Limit Development, Settime Trigger Entry Vehicle, Settime Trigger Exit Vehicle, Setting Center Chest Vents At Voice Control, Shock Absorber Damping Adjustment Valve Calibration, Short Average Ambient Threshold TSAA, Short Average Time Constant TCSAA, Showroom Effect, Shut Down AP, Shut Off Conditions, Shutdown Wait Time, SIA: Service Time SIA, SIA: Service Track SIA, SID Maximum Mileage To Next Oil Service, SID Maximum Time To Next Oil Service, Side Marker Lights, Side Window Blind Normalisation Driver Rear, Side Window Blind Normalisation Passenger Rear, Signal Position, SIM Card Reader Bluetooth Address, Single Gear Indicator Adjustment, Slide Show Frame Rate, Sliding Roof Basic Setting, Sliding Sunroof Basic Setting, Sliding Sunroof Go To Service Position, Sliding Sunroof Normalisation, Sliding Sunroof Reset Normalisation, SLWR Counter Left, SLWR Counter Right, SmAct Volume Adjustment, SMS Call Delay, SMS Phone Number 1, SMS Phone Number 2, Soft Stop Tolerance Zone, Softgab In, Softgab Out, Softgap Down, Soot Entry, Sotfgab Up, Speakers/Model, Special ID PQ25 Calibration, Specified Pressure Front Axle 1, Specified Pressure Front Axle 2, Specified Pressure Front Axle 3, Specified Pressure Line Selection At EOL, Specified Pressure Rear Axle 1, Specified Pressure Rear Axle 2, Specified Pressure Rear Axle 3, Specified Tire Pressure at Full Load (Front Axle), Specified Tire Pressure at Full Load (Rear Axle), Specified Tire Pressure at Partial Load (Front Axle), Specified Tire Pressure at Partial Load (Rear Axle), Speed Adaptation Of Coolant Pump, Speed Delta, Speed Limit For Destination Entry, Speed limit Maneuver Situation, Speed Shutoff Threshold Compressor Run In, Speed Threshold, Speed Threshold 1, Speed Threshold 2, Speed Threshold 3, Speed Threshold For "Car Is Driving", Speed Threshold For Destination Input, Speed Threshold For Driving Cycle Detection, Speed Threshold For Moving Vehicle Detection, Speed Threshold For Start Request Plausibility, Speed Threshold For Terminal 15 Emergency Shutoff, Speed Value For Testing Mode, Stall Current Measuring Mode Deactivation Distance, Standard Dimming Value ZAT, Start / Stop Restart Delay, Start Automatic Trans Fluid Pressure Accumulator Discharge, Start Automatic Transmission Fluid Pressure Accumulator Charge, Start Brake Pad Replacement Mode, Start of Injection, Start Particle Desulfurization, Start Stop Voltage Limit, Start Up EOL Pressurized Gasoline Fuel Tank Refueling Condition, Start/Boot Screen Time (OFF/Cold Boot), Start/Boot Screen Time (Standby), Start/stop Function: Activate/deactivate Temporarily, Starting Conditions, Starting torque adjustment, Starting Torque Calibration, Starting Vibration Reduction Adjustment, Start-Up Coolant Circuits Filling, Start-Up Desulfurization In Standing Position, Start-Up EGR Cooler Rinsing, Start-Up Learning Of Measured Soot Mass, Start-Up Pressurized Gasoline Fuel Tank Isolation Valve Open, Start-Up Refrigerant Circuit Filling, Start-Up Refrigerant-And Coolant Circuits Filling, Start-Up Refueling Condition Pressurized Gasoline Tank, Start-Up Regen Of Particulate Filter In Standing Position, Start-Up Regeneration Diesel Particulate Filter During Drive, Start-Up Regeneration Of Particulate Filter During Drive, Startup Screen Sticker HMI, Start-Up Test Accumulator, Start-Up Test Brake Booster, Static Calibration Routine, Static Calibration Routine Overrun, Static Top Speed Limitation, Stationary DPF Regeneration, Statistic Phev Mileage, Steer To Center Position, Steering Angle Initialization, Steering Angle Sender - Reset Zero Point, Steering Angle Sender - Set Zero Point, Steering Angle Sensor, Steering Angle Sensor Alignment, Steering Angle Sensor Basic Setting, Steering Angle Sensor Calibration, Steering Assist Without Engine Running, Steering Assistance Level Adjustment, Steering Basic Setting, Steering Column Basic Setting, Steering Wheel Angle Correction For Steering Wheel Deviation Pr, Step Size For Final Control Test Close Rear Lid, Step Size For Final Control Test Open Rear Lid, STH Post Heating Time Duration, Stop Limit Of Potentiometers In Vents, Stop Routine Coolant Circuit Filling Flushing, Stop Routine Refrigerant Circuit Filling Flushing, Stop Value Of Potentiometers In Vents, Storing Air Recirculation Function After Terminal 15 Off, Street Light Brightness Threshold Highway TSLBH, Street Light Brightness Threshold Village TSLBV, Street Light Brightness Time Constant TCSLB, Streetlights Time Constant TCSL, Structure-Borne Noise Volume Adjustment, SuFK Developement Massage, Summary Reset After Replacement Of Reductant System Components, Sun Roof Basic Setting, Sun Shade Basic Setting, Sunroof Control



Module/No Basic Setting, Sunroof Shade Control Module Basic Setting, Supplementary Heater: Adaptation Of The Component <remote Contr, Supplementary Heater: Adapting, Supplementary Heater: Reset Adaptation Values, Supplementary Heater: Reset Starter Interlock, Supplementary Heater: Test, Swap Function Activate, SWaP Function Crypt Data ID, SWaP Function Transfer Crypt Data, Swirl Flap Basic Setting, Swirl Flap Basic Setting (Bank 1), Swirl Flap Basic Setting (Bank 2), Switch-Off Delay (Low Beam), Switchover To The High Oil-Pressure Level, System Data Part 11 Rear, System Data Part 12 Rear, System Data Part 14 Rear, System Data Part 7, System Data Part 8, System Parameters Part 10 Rear, System Shut-off, System Test Turbo Charger Bypass Flap, T1 Normal Signal Break Time, T2 Scaling Signal Break Time, T2 Scaling Signal Rate, T2 Scaling Signal Start Up Time, T3 Handshaking Signal Break Time, T4 Error Signal Break Time, T4 Error Signal Number Of Tones, T4 Error Signal Rate, T5 ASD Activate Signal Number Of Tones, T5 ASD Active Signal Break Time, T5 ASD Active Signal Rate, Tail Light Dimming, Take Back Of The Reversible Crash Cutoff, Tank Characteristic (Additional Functions), Tank Characteristic (Dry Calibration), Tank Characteristic (Fuel Level Sensor 1), Tank Characteristic (Fuel Level Sensor 2), Tank Characteristic (Fuel Level Sensor), Tank Characteristic (Full Calibration), Tank Characteristic (Not Detectable Tank Volume), Tank Characteristic (Wet Calibration), Target Soc Production Mode, Teach Force Limitation, Telematics, Telephone Basic Volume, Telephone Basic Volume Adjustment, Telephone Handset Connect, Telephone Number Information Service, Telephone Number Roadside Assistance, Telephone Type, Temp Threshold Activate Climate Control, Temp Threshold Auxiliary Heater: Full Load After Partial Load, Temp Threshold Auxiliary Heater: Partial Load After Full Load, Temp Threshold Auxiliary Heater: Start After Control Pause, Temp Threshold Big To Med, Temp Threshold Big To Power, Temp Threshold Low To Control Pause, Temp Threshold Low To Med, Temp Threshold Med To Big, Temp Threshold Med To Low, Temp Threshold Power To Big, Temp Threshold Start Out Of Control Pause, Temp Threshold Start To Control Pause Or Heating Mode, Temperature Clamping After Evaporator, Temperature Compressor For Speed Increase, Temperature Difference For Bypass Valve Opening, Temperature Reference, Temperature Threshold Auxiliary Heater: Control Pause, Temperature Threshold For Activation Of Auxiliary Heater, Temperature Threshold: Ambient Temperature, Temperature Threshold: Coolant Temperature, Terminal 61 Function Enabling, Terminal S Timeout, Test AdBlue metering valve spray pattern, Test Mode End Distance, Test Mode Trigger Time, Test Registration Period, Thermal Load, Throttle Body, Throttle Body Alignment, Throttle Body Cross-Sectional Area Reset, Throttle Valve Adaptation, Throttle Valve Adaption, Throttle Valve Basic Setting, Throttle Valve Basic Setting (bank 1), Throttle Valve Basic Setting (bank 2), Throttle Valve Control Module Adaptation, Throttle Valve Control Module Reset, Throttle Valve Control Unit Reset, Throttleposition Adaptation, Tilt Sensor Sensitivity, Time, Time Bypass Valve Activated After Caster Finished, Time For Compressor At Terminal 15 On, Time For Neck Heating Power Reduction Level 2 To Level 1, Time For Neck Heating Power Reduction Level 3 To Level 2, Time For Opening Bypass In Control Pause, Time For Seat Heating Power Reduction In Highest Level, Time For Seat Heating Power Reduction Level 2 To Level 1, Time For Seat Heating Power Reduction Level 3 To Level 2, Time Frame VIP Kick Forecast, Time HMI Buttons Off, Time HMI Symbols Off, Time Sensor Power Off Group 2, Time Setup (Hour), Time Setup (Minute), Time Since Inspection, Time since Service, Time To Drive Cycle Detection, Time To Ignore Ignition Trigger, Time To ZAT Open Circuit Detection, Time To ZAT Short Circuit Fault Detection, Time Window For Opening Further Than Programmed Interstop, Time ZAT Actuation Detection, Time ZAT Lock After Emergency Shutoff, Time ZAT Lock After Normal Shutoff, Time, Hour, Time, Minute, Timeframe Request Immobilizer Terminal Approval, Timeout Convenience Coverage Limiting, Timeout Trigger Terminal Deactivation Central Locking, Timer Sporadic MOST Open Circuit, Timing Chain Lengthening Reset After Replacing Chain, Tiptronic Steering Wheel Button Adjustment, Tire Circumference, Tire Diameter, Tire Pressure Adaptation, Tire Pressure Control Monitoring, Tire Pressure Monitoring System (Tpms) Reset, Tire Pressure Monitoring System Configuration, Toggle Offtime Other Door Handle, Toggle Offtime Same Door Handle, Tolerance Band Of Basic Adjustment Flap End Stops, Tolerance Band Of Flap End

Stops, Tolerance Compressor Speed In Compressor Inlet, Tolerance Compressor Speed In Normal Service, Tolerance Range For Flap End Stops, Tolerance Time For Compressor Speed Variance, Tone Pitch Of Acoustic Warning, Top Speed Configuration, Torque Limitation, Torque Steer Compensation (TSC), Torque Test, Total Consumption, Touch Zoom Level Double Tap In, Touch Zoom Level Double Tap Out, Touchpad Illumination Test, Tourist Solution, TPM Individual Specified Pressure Adjustment, Tracking Assistant Activation Request, Tracking Assistant Check Contract Duration, Tracking Assistant Program Driver Cards, Tracking Assistant Self Test, Tracking Assistant Send Test Message, Trailer Stabilization, Trailer Stabilization Enabling, Transfer Configuration, Transmission Adaptation Basic Setting 1, Transmission Adaptation Basic Setting 2, Transmission Adaptation Basic Setting 3, Transmission Grade (Front Window), Transmission Housing Serial Number, Transmission Oil Level Test, Transmission Rapid Adaption, Transmission Ratio Engine Air Conditioner Compressor, Transmission Ratio Of AC Compressor, Transmission Ration Engine Air Conditioner Compressor, Transmission Setting Adaption, Transmission Type, Transport Mode Deactivation Distance, Transport/Service Mode, Transportation Mode, Travel/Tourist Mode, Trigger CAN Speed, Turbo Charger Boost Control Reset, Turbo Charger Boost Control Solenoid Adaptation, Turbocharger Basic Setting, Turbocharger Offset Correction, Turn Signal Dimming, Turn Signals in Side Rear View Mirror, Tyre Pressure Sensor Adaptation, Undervoltage Heater Turn-Off, Universal Preparation For Mobile Telephone, Unlearning Calibration Of Luggage Compartment Cover, Unlock Actuator System, Unlock Blink, Unlock Horn, Unlocking Confirmation (Key Switch), Unlocking Confirmation (Remote Control), Unlocking With Key Switch Optical Feedback, Unlocking With Remote Control Opt. Feedback, Unrestricted Addressing Of Actuator Motors, Uphill Assist Gradient Threshold, Upper Limit Of Air Regulation Downstream Of Evaporator, Upper Locking Range, Upper Stop Maximum Value, Upper Stop Minimum Value, User Profile Name, User Profile Name Customer Paid Connection, User Profile Password, V Limit KL30 Disconnect, Vacuum Level / Hydraulic Brake Booster (HBO/HBV), Vacuum Pump For Brake System, Vacuum Pump Test (Short Trip), Variant Encoding, Variants Reduction, Vehicle Equipment Code And Production Number Combination, Vehicle Excess Length, Vehicle Excess Width, Vehicle Health Report, Vehicle Height Learning, Vehicle Identification Number, Vehicle Identification Number Programming, Vehicle Identification Number Provisional, Vehicle Length Adjustment, Vehicle Mileage Challenge Adaptation, Vehicle Not Cooling, Vehicle Not Heating, Vehicle Road Curb Distance, Vehicle Speed Threshold, Vehicle Speed Threshold (TV-Function), Vehicle Width Adjustment, Velocity Of Massage, Velocity Stage 1 Of Massage, Velocity Stage 2 Of Massage, Velocity Stage 3 Of Massage, Velocity Stage 4 Of Massage, Velocity Stage 5 Of Massage, Vent ESP Hydraulic System, Verify Variant Encoding, VIC Parameters, Village Detect Highway Speed Threshold, Visual Comfort Operating/Closing Confirmation, Visual Display Adjustment, Visual Feedback When Locking/Unlocking, Visual Locking Confirmation, Voice Output Basic Volume, Voice Output Basic Volume Adjustment, Voice Output External Emergency Speaker, Voltage Monitoring: Overvoltage Delta, Voltage Monitoring: Overvoltage For KESSY ECU, Voltage Monitoring: Overvoltage For Keyless Go, Voltage Monitoring: Overvoltage Jumpstart 2 Delta, Voltage Monitoring: Undervoltage Delta, Voltage Monitoring: Undervoltage For KESSY ECU, Voltage Monitoring: Undervoltage For Keyless Go, Voltage Monitoring: Undervoltage Jumpstart 1 Delta, Volume Of Fuel Tank, Volume Offset, Volume Output, Volume with Convertible Top Open, VOS Parameters, VW Common Application Data Identifier, VW ECU Hardware Version Number, Wake Up Monitor Reset History Data, Wake Up Monitor Reset Of Adaptions, Warning Lamp Enabling, Warning Lamp Test, Weapons Box Adaption, Wheel / Tire Description, Wheel Alignment, Wheel Base, Wheel Circumference, Wheel Circumference Adjustment, Wheel Impulse, Wheel Set Selection, Wheel Torque Limitation, Wheel/Height Calibration Confirmation, Wind Deflector Denormalisation, Wind Deflector Normalisation, Wind Deflector Original Position, Wind Deflector Service Position, Window Condensation Parameter For Start/Stop Function, Window Regulator Adaption Driver Side Front, Window Regulator Adaption Driver Side Rear, Window Regulator Adaption Passenger Side Front, Window Regulator Adaption Passenger Side Rear, Window Regulator VW Settings Driver Side Rear,

Window Regulator VW Settings Passenger Side Rear, Wiper Angle Interval Position Adaptation, Wiper Angle Lower Turning Point Adaptation, Wiper Angle Park Position 1 Adaptation, Wiper Angle Park Position 2, Wiper Angle Service Position Adaptation, Wiper Angle Upper Turning Point Adaptation, Wiper Error Mask Mitsuba Development, Wiper Motor Control Unit Data Set, Wiper Motor Control Unit Data Set 2, Wiper Motor Control Unit Data Set 3, Wiper Motor Control Unit Data Set 4, Wiper Setup, WIV: Distance From Inspection, WIV: Max Value Km Mileage / Inspection, WIV: Max Value Of Time Between Inspections, WIV: Min Value Of The Time Between The Inspections, WIV: Min. Km Driving Performance / Inspection, WIV: Russian Entry, WIV: Thermal Load, WIV: Time From Inspection, WIV: Total Consumption, WLAN Default Channel, WLAN Dynamic Host Configuration Range, Write Configuration, Write Gateway Control Unit Configuration, Write Injector Codes, Write Key Content, Yaw Rate Sensor Detection, ZAT Clamp 58xt Signal Factor, ZAT Clamp 58xt Signal Offset, ZAT First Case Time High Low State, ZAT First Rise Time Low High State, ZAT Init Value, ZAT Motor Signal Timer 1, ZAT Motor Signal Timer 2, ZAT Nominal Voltage, ZAT Post Carridge During Clamp 15 Off, ZAT Pwm Offset 1 Lower Limit, ZAT Pwm Offset 2 Lower Limit, ZAT Pwm Peak1 Upper Limit, ZAT Pwm Peak2 Upper Limit, ZAT Second Case Time High Low State

### **3085 new Actuation type special tests:**

1000W PTC Auxiliary Air Heater, 3rd Brake Light, 5th Camera Activation Request Control Value 1, A/C Clutch Relay Control Circuit, A/C Compressor, A/C Compressor Engagement, A/C Compressor Magnetic Coupling, A/C Compressor Regulator Valve, ABS Motor, ABS Return Flow Pump Control Value On OFF, ABS Return Flow Pump VW Local Control State, AC Compressor Control Valve, Ac/heat Output Test, Acc Button Led, Acc. Ped. Press. Point Generation, Accelerator Ped Mod Actuator Functional Chk VW Com Ctrl State, Access Setup Tool Test Control Value, Accumulator Activation Test Control Value Moving Volume, Accumulator Activation Test Control Value Piston Speed, Accumulator Activation Test Control Value Smart Actuator Speed, Acoustic Check Of Loudspeaker Channel 1 Test, Acoustic Check Of Loudspeaker Channel 10 Test, Acoustic Check Of Loudspeaker Channel 11 Test, Acoustic Check Of Loudspeaker Channel 12 Test, Acoustic Check Of Loudspeaker Channel 13 Test, Acoustic Check Of Loudspeaker Channel 14 Test, Acoustic Check Of Loudspeaker Channel 15 Test, Acoustic Check Of Loudspeaker Channel 16 Test, Acoustic Check Of Loudspeaker Channel 17 Test, Acoustic Check Of Loudspeaker Channel 18 Test, Acoustic Check Of Loudspeaker Channel 19 Test, Acoustic Check Of Loudspeaker Channel 2 Test, Acoustic Check Of Loudspeaker Channel 20 Test, Acoustic Check Of Loudspeaker Channel 21 Test, Acoustic Check Of Loudspeaker Channel 22 Test, Acoustic Check Of Loudspeaker Channel 23 Test, Acoustic Check Of Loudspeaker Channel 24 Test, Acoustic Check Of Loudspeaker Channel 3 Test, Acoustic Check Of Loudspeaker Channel 4 Test, Acoustic Check Of Loudspeaker Channel 5 Test, Acoustic Check Of Loudspeaker Channel 6 Test, Acoustic Check Of Loudspeaker Channel 7 Test, Acoustic Check Of Loudspeaker Channel 8 Test, Acoustic Check Of Loudspeaker Channel 9 Test, Acoustic feedback buzzer - Chime, Acoustic feedback Chime, Acoustic feedback of the turn signal, Acoustic Gong, Acoustic Signal Sensor, Acoustic Test Signal, Acoustics, Act St Vent Rr Lt Tst Ctrl Val Rr Lt St Bkrst Fan 1, Act St Vent Rr Lt Tst Ctrl Val Rr Lt St Cushion Fan 1, Act St Vent Rr Rt Tst Ctrl Val Rr Rt St Bkrst Fan 1, Act St Vent Rr Rt Tst Ctrl Val Rr Rt St Cushion Fan 1, Act Tst Precrash ICM Disp Text Ctrl ICM Disp Text, Act Tst Precrash Pretens Ctrl Tensioning Char, Act Tst Precrash Veh Conditioning Ctrl Veh Conditioning, Activate Anti-Theft Alarm, Activate Component Protection, Activate ESP System/Function Test, Activate LEDs, Activated Charcoal Filter Shutoff Valve, Activated Charcoal Filter Shutoff Valve VW Common Control State, Activation Emergency Brake, Activation Jerky Braking Movement, Activation Of Anti Theft Alarm System Control Value, Activation Of Parking Spot Search Park Assist Control Value, Active Headrest Control Onoff, Actuate Charging Connection 1, Actuate Charging Connection 2, Actuate Vehicle Front Left Control Value Onoff, Actuate Vehicle Front Right Control Value Onoff, Actuate Vehicle Rear Left Control Value, Actuate Vehicle Rear Right Control Value Onoff, Actuation Ifl Valve, Actuation Ifr Valve, Actuation Lpf1 Valve, Actuation Lpf2

Valve, Actuation Mci1 Valve, Actuation Mci2 Valve, Actuation Ofi Valve, Actuation Ofr Valve, Actuation Pump, Actuation Ri Emb, Actuation Ri Emb (2), Actuation Rr Emb, Actuation Rr Emb (2), Actuation Vacuum Pump1, Actuation Vacuum Pump2, Actuator 1 For engine noise generation Control Value, Actuator 1 For Engine Sound Generation, Actuator 1 For Engine Sound Generation VW Common Control State, Actuator For Camshaft Adjustment Actuator, Actuator For Camshaft Adjustment Position, Actuator For Structure-Borne Sound, Actuator For Structure-Borne Sound Control Value, Actuator For Structure-Borne Sound VW Common Control State, Actuator For Valve Lift Adjustment Inlet VW Common Ctrl State, Actuator For Vlv Lift Adjustment Inlet Bank 2 VW Com Ctrl State, Actuator Structure-Borne Noise, Actuator Test Crash Intensity 1, Actuator Test Crash Intensity 2, Actuator Test Crash Intensity 3, Actuator Test Crashsignal Control Crash Direction, Actuator Test Crashsignal Control Crash Intensity, Actuator Test Crashsignal Control Onoff, Actuator Test Highvoltage Disable, Actuator Test Highvoltage Disable Control Highvoltage Disable, Actuator Test Highvoltage Disable Control Onoff, Actuator Test LED Bar Control Value Frequency, Actuator Test Precrash ICM Display Text, Actuator Test Precrash ICM Display Text Control Onoff, Actuator Test Precrash Pretensioner Control Onoff, Actuator Test Precrash Pretensioner Control Side, Actuator Test Precrash Vehicle Conditioning, Actuator Test Precrash Vehicle Conditioning Control Onoff, Actuator Test USM Control Crash Severity, Actuator Test USM Control Onoff, Actuator Test USM Crash Type Front Driver, Actuator Test USM Crash Type Front Passenger, Actuator Test USM Crash Type Pedestrian Protection, Actuator Test USM Crash Type Rear Driver, Actuator Test USM Crash Type Rear Passenger, Actuator Test USM Crash Type Rollover, Actuator Test USM Crash Type Side Driver, Actuator Test USM Crash Type Side Passenger, Actuatoric Test Actuationtime, Actuatoric Test Control Value Actuationtime, Actuatoric Test Control Value Delaytime, Actuatoric Test Delaytime, Adblue 4/2-Way Valve, Adblue Circuit Leak Test, Adblue Delivery Module Heating, AdBlue Delivery Pump, AdBlue Dosing Valve, Adblue Pump/pipe Heating, Adblue Return Delivery, Adblue Switching Valve, Adblue Tank Heating, Adblue Tank Heating 1 Actuation, Adblue Tank Heating 2 Actuation, Add Highbeam Test Controlstate Data 2, Addit. Cooling Medium Pump Relay, Additional Air Heating, Additional Air Heating Control Value On Off, Additional Air Heating Input Output Control Parameter, Additional Air Heating VW Common Control State, Additional Heater Activation Test Control Value, Additional Heater Activation Test Input Output Ctrl Parameter, Additional Hydraulic Pump For Gearbox, Additional Hydraulic Pump For Gearbox Control Value, Additional Interior Light Test Control Value Can Signal, Additional Interior Light Test Control Value Indication Light, Additional Interior Light Test Control Value Interior Light, Additional Light Functions Test Control Value, Additional Main Beam Test Control Value, Additional Turn Signal Test Control Value Left, Additional Turn Signal Test Control Value Right, Adjust Mirror Inward, Adjustable Rear Spoiler Indicator Light Test Control Value, Adopt.of Unfiltered Ambient Temp., Aerial Entry And Strt Authorisation Lt Diag Ctrl Val, Aerial Entry And Strt Authorisation Rt Diag Ctrl Val, Aerial For Entry And Start Authorisation Left Diag Ctrl Value, Aerial For Entry And Start Authorisation Right Diag Ctrl Value, AGW Test Control Value Blink Frequency, AGW test control value suppression icon combi, Air Cond Perfomance Tst Fr And Rr VW Com Ctrl St, Air Condit. Compressor Actuation, Air Condition Compressor Activation, Air Condition Compressor Activation Control Value On Off, Air Condition Compressor Activation Input Output Ctrl Parameter, Air Condition Compressor Activation Setpoint, Air Condition Compressor Activation VW Common Control State, Air Conditioner Compressor Regulating Valve Test Control Value, Air Conditioner Performance Test, Air Conditioner Performance Test Control Value On Off, Air Conditioner Performance Test Input Output Control Parameter, Air Conditioner Performance Test VW Common Control State, Air Dist Flap Front Ctrl Motor Input Output Control Parameter, Air Distribution Flap Front Control Motor Footwell Setpoint, Air Distribution Flap Front Control Motor Setpoint, Air Distribution Flap Front Control Motor Sollwert, Air Distribution Flap Rear Control Motor Control Value On Off, Air Distribution Flap Rear Control Motor Setpoint, Air Distribution Front Control Motor Control Value On Off, Air Distribution Front Control Motor Setpoint, Air Filter Flap, Air Filter Flap Bank 2 VW Common Control State, Air Filter Flap VW Common Control State, Air Flap Actuator, Air Flap

Range/Tolerance Limits, Air Flow Flap, Air Flow Flap Control Motor, Air Flow Flap Positioning Motor Control Value On Off, Air Recirculation Flap Control Motor, Air Recirculation Flap Positioning Motor Control Value On Off, Air Recirculation Flap Positioning Motor Setpoint, Air Spr Additional Vol Vlv 1 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 2 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 3 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 4 Actuation Tst Ctrl Val Onoff, Air Supplementary Heating, Air Suspension Compressor Relay, Air Suspension Valve Front Left, Air Suspension Valve Front Right, Air Suspension Valve Rear Left, Air Suspension Valve Rear Right, Air Valve Secondary, Airbag Crash Signal Rest Of World, Airbag Indicator Light Off, Airflow Vlv Ctrl Hyb Batterie Airflow Vlv Tar Pos, Alarm Horn, Alarm Horn Test Control Value, All Lights Rear Left Control Value, All Lights Rear Middle Control Value, All Lights Rear Right Control Value, All Radiator Cooling Fans, All Radiator Cooling Fans VW Common Control State, All Wheel Check Control Value Open Close, Alternator Shut Off VW Common Control State, Alternator Test 15.0 V, Alternator: Functional Test, Ambient Illumination Test Control Value, Ambient Illumination Test Control Value Channel 1, Ambient Illumination Test Control Value Channel 2, Ambient Illumination Test Control Value Channel 3, Ambient Illumination Test Control Value Channel 4, Ambient Illumination Test Control Value Channel 5, Ambient Illumination Test Control Value Start Parameter, Ambient Light Door Driver Side Front: Contour Lighting, Ambient Light Door Driver Side Rear: Contour Lighting, Ambient Light Door Passenger Side Front: Contour Lighting, Ambient Light Door Passenger Side Rear: Contour Lighting, Ambient Lighting Channel 1 Test Control Value, Ambient Lighting Of Center Console Test Control Value, Ambient Lighting Of Cup Holder Test Control Value, Ambient Lighting Power Supply Test Control Value, Ambient Lighting Rear Channel 1 Test Control Value, Ambient Lighting Roof Channel 1 Test Control Value, Ambient Lighting: Channel 1, Analog Clock, Analog Clock Test, Analog display for fuel supply, Analog Display For Speed, Analog Indicators, Analog Instruments, Analog Signal Muting, Analogue display for coolant temperature VW Com Ctrl St, Analogue display For speed, Ancillary Coolant Pump, Antenna Pow Adjustment Loop Test VW Common Ctrl State Sig Path, Antenna Power Adjustment Loop Test VW Common Control State 1, Antenna Power Adjustment Loop Test VW Common Control State 2, Anti Dazzle Interior Mirror Indicator Lamp Control Value On Off, Anti-Theft Alarm Siren/horn, Anti-Theft Device, Antn Pow Adjustment Loop Test VW Common Ctrl State Trans Power, Anzeigetest Sitzheizungsstufe Hinten LED-Anzeige Sitzheizung Hi, Apply Brake Pads Control State, Apply Brake Pads Control Value On Off, Apply Brakes Control State, Apply Brakes Control Value On Off, Approach Brake Pads Control State, Approach Brake Pads Control Value On Off, arial at bumper for access and start authority-activate, arial at luggage space for access and start authority-activate, arial driver side for access and start authority-activate, arial passenger side for access and start authority-activate, arial 1 in cabin room for access and state authority-activate, arial 2 in cabin room for access and state authority-activate, Arrange Seat Control Value, Arrange Seat Control Value Backrest Inclination Adjustment, Arrange Seat Control Value Belt Height Adjustment, Arrange Seat Control Value Headrest Height Adjustment, Arrange Seat Control Value Headrest Longitudinal Adjustment, Arrange Seat Control Value Lumbar Support Height Adjustment, Arrange Seat Control Value Seat Depth Adjustment, Arrange Seat Control Value Seat Height Adjustment, Arrange Seat Control Value Seat Inclination Adjustment, Arrange Seat Control Value Seat Longitudinal Adjustment, Arrange Seat Control Value Upper Backrest Adjustment, Arrange St Ctrl Val Lumbar Support Lngitdnl Adj, ASR/ESP Control Lamp, Assembly Mountings Actuators, ASTA Sensor Function Test Control Value, Audio Channel Test Left, Audio Channel Test Right, Audio Loop Back, Audio Mute By CAN, Audio Mute By Wire, Auto-Hold Function Lamp (Activation), Auto-Hold Indicator Lamp, Auto-Lock/Unlock for Rear Lid, Automatic Activation Of All Control Motors Control Value On Off, Automatic Calibration Headlamp Test Mode Control Value, Automatic Day Night Exterior Mirror Test Control Value, Aux Pump, Aux.coolant Pump High-Temp. Circ., Aux.coolant Pump Low-Temp.circuit, Auxiliary Air Heating Controlled Test Control Value On Off, Auxiliary Air Heating Test Control Value, Auxiliary Coolant Pump For Turbocharger VW Common Control State, Auxiliary Coolant Pump Relay, Auxiliary

Fuel Pump Relay, Auxiliary Heater Fuel Supply, Auxiliary Heater Heater Element, Axle Differential Lock Check Control Value Open Close, Backlash Cmpstn Reversal Actuation Act Tst Ctrl Val, Backlight 1 Control Value, Backlight 2 Control Value, Backlight Control Value, Backlight Control Value Backlightonoff, Backrest Adjustment, Backrest Adjustment Left Locking Pawl Motor Test Control Value, Backrest Adjustment Right Locking Pawl Motor Test Control Value, Backrest Heating Fond Left Control Value On Off, Backrest Heating Fond Right Control Value On Off, Backrest Inclination Adjustment Test Control Value, Backrest Inclination Adjustment Test Direction Of Movement, Backrest Left Inclination Adjustment Test Control Value, Backrest Right Inclination Adjustment Test Control Value, Back-Up Lights, Back-Up Lights Left, Back-Up Lights Right, Balacing Mode Cell 1 Balancing, Balacing Mode Cell 2 Balancing, Balacing Mode Cell 3 Balancing, Balacing Mode Cell 4 Balancing, Bank 1 Camshaft A (Intake) Position Actuator, Bass Speaker Front, Bass Speaker Front Left, Bass Speaker Front Left Control Value, Bass Speaker Front Right, Bass Speaker Front Right Control Value, Bass Speaker Rear Left Control Value, Bass Speaker Rear Right Control Value, Battery Capacity Display Test, Battery Charging Button Indicator Light, Battery Charging Button Indicator Light Control Value, Battery Disconnecting Relay Test Control Value, Belt Comfort Fit Actuator, Belt Feeding Device Test Control Value, Belt Height Adjustment Test Control Value, Belt Indicator Lamp, Bkrst Adj 2 Lt Lck Pawl Mot Tst Ctrl Val, Bkrst Adj 2 Rt Lck Pawl Mot Tst Ctrl Val, Blinker Rear Left, Blinker Rear Right, Blinkers, Blinkers Bulb Front Left, Blinkers Bulb Front Right, Blower Activation Control Value On Off, Blower Activation Input Output Control Parameter, Blower Activation Setpoint, Blower Activation Sollwert, Blower Activation tension, Blower Front Intervallbetrieb, Blower Front Sollwert, Blower Rear Intervallbetrieb, Blower Rear Sollwert, Bluetooth, Bluetooth Connection Last Device, Bluetooth Paging, Boost Pressure, Boost Pressure Actuator, Boost Pressure Actuator 1, Boost Pressure Actuator 2, Boost Pressure Control Solenoid Valve, Brake Activation Test Control Value, Brake Activation Test Control Value Control Input Rod Distance, Brake Activation Test Control Value Input Rod Speed, Brake Activation Test Control Value Speed Input Rod, Brake Booster Relay Vacuum Pump, Brake Booster Relay Vacuum Pump VW Common Control State, Brake Booster Vacuum Pump, Brake Indicator Lamp, Brake Light, Brake Light By ECD, Brake Light By ECD Brake Light By ECD, Brake Light By Ecd Control State, Brake Light By ECD Control Value On OFF, Brake Light By ECD IO Control Option Brake Light By ECD, Brake Light By ECD VW Local Control State, Brake Light Left, Brake Light Left Test Control Value, Brake Light Right, Brake Light Right Test Control Value, Brake Light Test Control Value, Brake Lights, Brake Pedal Appliance Control Value BLS-Control, Brake Pedal Appliance Control Value Brake Light Activation, Brake Pedal Appliance Control Value PAR Control, Brake Pedal Appliance Control Value PAR-Control, Brake System Warning Lamp, Brake System Warning Lamp Brake System Warning Lamp, Brake Wear Indicator Lamp, Break Recommendation Indication Test, Break Recommendation Indication Test Control Value, Brightness Display Test Control Value, Bumper Light Rear Left, Bumper Light Rear Right, Button Automated Driving Lighting Test Control Value, Button Indicator Light Test Control Value, Button Indicator Light Test Control Value Indicator Lights, Button Indicator Light Test Control Value Kontrollleuchten, Button Indicator Light Test Control Value Start Parameter, Button Indicator Light Test Indicator Lights, Button Lighting, Buzz Test, Buzz Test Control Value, Bypass Valve Electric Machine VW Common Control State, Bypass Valve For Electric Supercharger VW Common Control State, cabin room scan keyminder, cabin room scan transponder id request, Cabin Room Scan Keyminder Control Cyclic On Off Time, Cabin Room Scan Keyminder Timeparameter, Cabin Room Scan Transponder Id Request Timeparameter, Cabn Room Scan Trans ID Req Ctrl Cyclic On Off Time, Cabriolet Windbreak Motor Test Control Value On Off, Camera Heating Control Value, Camera Shutter, Camshaft Adjustment, Camshaft Pos Actuator Exhaust 1, Camshaft Pos Actuator Exhaust 2, Camshaft Pos Actuator Intake 2, Camshaft Position Actuator Exhaust 1, Camshaft Position Actuator Exhaust 1 VW Common Control State, Camshaft Position Actuator Exhaust 2, Camshaft Position Actuator Exhaust 2 VW Common Control State, Camshaft Position Actuator Intake 1, Camshaft Position Actuator Intake 1 VW Common Control State, Camshaft Position Actuator Intake 2, Camshaft Position Actuator Intake 2 VW Common Control State,

Can Signal Muting, CAN-Powertrain: Sleep Acknowledge Bit (Terminal 15 OFF), CD ROM Drive Quick Test Control Value, CD/DVD Ejection, Ceiling Light Mod Int And Read Lights Tst Ctrl Val, Ceiling Light Module Int And Reading Lights Test Ctrl Value, Cell Balacing Control Cell 1 Balancing, Cell Balacing Control Cell 2 Balancing, Cell Balacing Control Cell 3 Balancing, Cell Balacing Control Cell 4 Balancing, Cen Lck Rr Ctrl Tst Ctrl Val Cen Lck Rr Lt, Cen Lck Rr Ctrl Tst Ctrl Val Cen Lck Rr Rt, Cen Lck Rr Ctrl Tst Ctrl Val Rr Lck Ctrl, Center Midrange/Treble Speaker, Center Speaker, Center Speaker Control Value, Central Flap Control Motor, Central Flap Positioning Motor, Central Locking Aerial Diagnosis Control Value, Central Locking Front Control Actuation Time, Central Locking Front Control Start Parameter, Central Locking Indicator Lamp, Central Locking Indicator Light Test Control Value, Central Locking Motors, Central Locking Rear Control Actuation Time, Central Locking Rear Control Start Parameter, Central Locking Rear Control Test Control Value Front Left, Central Locking Rear Control Test Control Value Front Right, Central Locking Rear Control Test Control Value Side Selection, Central Locking Rear Control Test Control Value Start Parameter, Central Locking Rear Control Test Sliding Door Driver Side, Central Locking Rear Control Test Sliding Door Passenger Side, Central Locking Rear Lid Lock Unit Test Sequence Control Value, Central Locking Sliding Door Test Control Value Start Parameter, Central Locking Sliding Door Test Sliding Door Driver Side, Central Locking Sliding Door Test Sliding Door Passenger Side, Central Locking System Locking Unit, Rear Lid, Central Locking System: Close, Central Locking System: Open, Central Locking Test Control Value, Central Locking Unlock Doors Control Value, Central Locking: Lock, Central Locking: Remote Control, Central Locking: Unlock, Central Vents Control Motor, Centre Left Vent Positioning Motor Control Value On Off, Centre Right Vent Positioning Motor Control Value On Off, Centre Vent Positioning Motor Control Value On Off, Charge Air Cooler Coolant Pump, Charge Air Cooler Flap VW Common Control State, Charge Flap Lock A Control Value Connector Locking, Charge Flap Lock A Control Value Flap Locking, Charge Flap Lock B Control Value Connector Locking, Charge Indicator Lamp 1, Charge Indicator Lamp 2, Charge Motion Valve, Charge Motion Valve 1, Charge Motion Valve 1 VW Common Control State, Charge Motion Valve 2, Charge Motion Valve 2 VW Common Control State, Charge Motion Valve VW Common Control State, Charge-Air Cooler Clnt. Mix.valve, Charging Coil Overvoltage Protection Control Value, Charging Con A Ind Lights Tst Ctrl Val Con Lck, Charging Con A Ind Lights Tst VW Com Ctrl St, Charging Con A Lck Tst Ctrl Val Con Lck, Charging Con B Ind Lights Tst Ctrl Val Con Lck, Charging Con B Ind Lights Tst VW Com Ctrl St, Charging Con B Lck Tst Ctrl Val Con Lck, Charging Connector A Ind Lights Test Ctrl Val Connector Locking, Charging Connector A Indicator Lights Test Control Value LED, Charging Connector A Locking Test, Charging Connector A Locking Test Ctrl Value Connector Locking, Charging Connector B Ind Lights Test Ctrl Val Connector Locking, Charging Connector B Indicator Lights Test Control Value LED, Charging Connector B Locking Test, Charging Connector B Locking Test Ctrl Value Connector Locking, Charging Cur DC DC Converter Ctrl Val Set Charging Cur DCDC, Check DPF Ash Load, Check Link With Server, Child Lock Indicator Light Left, Child Lock Indicator Light Right, Child Safety Lock, Childproof Lock, Childproof Lock Test Control Value, Circulation Pump, Clearance For External Update Process Test Control Value, Close Luggage Compartment Cover Control Value, Close Rear Lid Control Value, Close Sliding Roof Signal, Close Sun Blind, Close Sunroof, Close The Rear Lid, Close Windows and Roof Signal, Closed Circuit Relay, Clutch 2 For All Wheel Drive, Clutch Actuator Value, Clutch Valve 2 For Four-Wheel Drive, Clutch Valve For Four-Wheel Drive, CNG Tank Shutoff Valve 1, CNG Tank Shutoff Valve 1 VW Common Control State, CNG Tank Shutoff Valve 2, CNG Tank Shutoff Valve 2 VW Common Control State, CNG Tank Shutoff Valve 3, CNG Tank Shutoff Valve 3 VW Common Control State, CNG Tank Shutoff Valve 4, CNG Tank Shutoff Valve 4 VW Common Control State, CNG Tank Shutoff Valve VW Common Control State 3, Cold Air Flap Control Motor Front, Cold Start Injector VW Common Control State, Combustion Air Blower, Combustion Blower Test Control Value On Off, Combustion-Air Blower, Comfort Closing, Comfort Opening, Comp For Multi Contour St Psgr Sd Actuation Tst Ctrl Value, Comp Multi Contour St Dr Sd Actuation Tst Ctrl Val, Comp Multi Contour St Pass Sd Actuation Tst Ctrl Val, Compass Control Value, Compass Control Value On Off, Compass Display, Complete Test Of ECU Valves

And Pump Motor Control Value On OFF, Compression Test, Compressor (driver Side Multi-Contour Seat), Compressor (passenger Side Multi-Contour Seat), Compressor Air Recirculation Valve VW Common Control State, Compressor Circulation Bypass Valve VW Common Control State, Compressor Control Flap, Compressor For Multi Contour St Dr Sd Actuation Test Ctrl Value, Compressor Level Control Relay, Compressor Run-In/Cooling Check, Cont Sensrs Exrior Dor Handl Diag Ctrl Val, Contact Sensors For Exterior Door Handle Diagnosis Ctrl Value, Contour Lighting Of Dashboard Test Control Value, Contour Lighting Of Multimedia System Op Unit Test Ctrl Value, Contour Lightng Multimedia Sys Op Tst Ctrl Val, Control for two-wheel and handbrake VW Com Ctrl St, Control Head Function Lamp (Activation), Control KL 30G Control Value, Control Lamp Button Load Profile, Control lamp For belt warning, Control lamp for brake pad, Control lamp For dual-circuit and handbrake system, Control lamp for fuel reserve, Control lamp for oil level, Control lamp for oil pressure, Control lamp for overheating, Control lamp For parking brake, Control lamp for pre-glow time, Control lamp for wash water shortage, Control Line For Dynamic Flashing Light Test Control Value, Control Module Cooling Fan, Control Motor For Air Dist Rear Left Test Ctrl Value On Off, Control Motor For Air Dist Rear Right Test Ctrl Value On Off, Control Motors For Design Covers Test Control Value, Control Position Confirmation, Control Position Front Left, Control Position Front Right, Control Position Rear Left, Control Position Rear Right, Control Supply Voltage Vip, Control Unit Cooling Fan Control Value On Off, Control Unit For Fragrancing System Test Control Value, Control Valve Coolant Pump VW Common Control State, Control Valve Rear Axle Control Value On OFF, Control Wheel Pressure Wheel, Control Wheel Pressure Wheel Pressure, Convenience And Dr Assist Op Unit 2 Lvl Ind Lmp Test Ctrl Value, Convenience And Dr Asst Op 2 Lvl Ind Lmp Tst Ctrl Val, Convertible Roof Actuation Motor 2 Test Control Value On Off, Convertible Roof Box Lid Lock Motor, Convertible Roof Box Lid Lock Motor Control Value On Off, Convertible Roof Close Control Value On Off, Convertible Roof Flap Motor Control Value On Off, Convertible Roof Lock Motor, Convertible Roof Lock Motor Control Value On Off, Convertible Roof Motor Test Control Value On Off, Convertible Roof Open Control Value On Off, Convertible Roof Operation Warning Lamp, Convertible Top Compartment Tray Motor, Convertible Top Compartment Tray Motor Control Value On Off, Convr Roof Actuation Hydra Pmp Rel 2 Ctrl Val On Off, Convr Roof Actuation Hydra Pmp Rel 2 VW Com Ctrl St, Convr Roof Actuation Hydra Pmp Rel Ctrl Val On Off, Convr Roof Actuation Hydra Pmp Rel VW Com Ctrl St, Cool Pmp For Lo Temp Circuit Act Tst Inp O-P Ctrl Parameter, Cool Pmp Lo Temp Cir Act Tst Ctrl Val On Off, Cool Pmp Lo Temp Cir Act Tst VW Com Ctrl St, Cool Pump For Lo Temp Circuit Actuator Test Ctrl Value On Off, Cool Pump For Lo Temp Circuit Actuator Test VW Com Ctrl State, Coolant Change Over Valve 3 Test Control Value On Off, Coolant Change Over Valve 5 Test Control Value On Off, Coolant Circuit Switching Valve, Coolant Circulation Pump, Coolant Circulation Pump 2, Coolant Circulation Pump 2 Test Control Value On Off, Coolant Circulation Pump 2 Test Input Output Control Parameter, Coolant Circulation Pump 3, Coolant Circulation Pump 3 Control Value On Off, Coolant Circulation Pump 3 Input Output Control Parameter, Coolant Circulation Pump 3 VW Common Control State, Coolant Circulation Pump 4 Actuator, Coolant Circulation Pump 4 Position, Coolant Circulation Pump Control Value, Coolant Circulation Pump Control Value 1, Coolant Circulation Pump Control Value On Off, Coolant Circulation Pump Input Output Control Parameter, Coolant Fan, Coolant Fan Control Circuit 1, Coolant Fan Control Module, Coolant Pump, Coolant Pump Control Circuit, Coolant Pump Control HV Batterie Pump Duty, Coolant Pump Switching Valve, Coolant Pump, Charge Air Cooler, Coolant Relay High-Output Preheating, Coolant Relay Low-Output Preheating, Coolant Rotary Valve VW Common Control State, Coolant Shut-Off Valve, Coolant Shut-Off Valve Control Value, Coolant Shut-Off Valve Control Value On Off, Coolant Shut-Off Valve VW Common Control State, Coolant Temperature Gauge, Coolant Valve 1 Test Control Value On Off, Coolant Valve 2 Test Control Value On Off, Coolant Valve 3 Test Control Value On Off, Coolant Valve 4 Test Control Value On Off, Coolant Valve 5 Test Control Value On Off, Coolant Valve 6 Test Control Value On Off, Coolant Valve 7 Test Control Value On Off, Coolant Valve Battery VW Common Control State, Coolant Valve For Cylinder Head, Coolant Valve For Cylinder Head VW



Common Control State, Coolant Valve For Gearbox, Coolant Valve For Gearbox VW Common Control State, Coolant Valve Radiator, Coolant Valve Radiator VW Common Control State, Coolant Valve Test Control Value On Off, Cooler Fan Control, Cooling Circuit Control Valve, Cooling Fan 1 Control Circuit, Cooling Fan Control Circuit, Cooling Valve 1 Hi Voltage Battery Cooling Valve1 Tar Position, Cooling Valve 1 Hybrid Batterie Cooling Valve1 Target Position, Cooling Valve 2 Hybrid Batterie Cooling Valve2 Target Position, Cooling Valve1 Hybrid Batterie Cooling Valve1 Target Position, Cooling Valve2 Hybrid Batterie Cooling Valve2 Target Position, Cooling Vlv 1 Hi V Bat Cooling Valve1 Tar Pos, Countersteering Check Control Value Torque Control, Countersteering Check Control Value Torque Control, Crankcase Breather Control Valve, Crankcase Breather Heater 1, Crankcase Ventilation Heater 1, Crankcase Ventilation Heater 1 VW Common Control State, Crankcase Ventilation Heater 2 VW Common Control State, Crankcase Ventilation Heater 3 VW Common Control State, Crankcase Ventilation Valve, Crankcase Ventilation Valve VW Common Control State, Crash Signal, Cruise Control Indicator Lamp, Cruise Control Indicator Lamp Control Value, Cruise Control Switch Illumination Bulb Control Value, Ctrl Mot Air Dist Rr Lt Tst Ctrl Val On Off, Ctrl Mot Air Dist Rr Rt Tst Ctrl Val On Off, Cup Holder Ambient Light, Cup Holder With Heater And Cooling Element Test Control Value, Current Reduced Laser Light Control Control Value, Curve Lighting Warning Light, Cutoff Valve 1 Refrigerant Test, Cutoff Valve 1 Refrigerant Test Input Output Control Parameter, Cutoff Valve 1 Refrigerant Test VW Common Control State, Cutoff Valve 2 Refrigerant Test, Cutoff Valve 2 Refrigerant Test Input Output Control Parameter, Cutoff Valve 2 Refrigerant Test VW Common Control State, Cutoff Warning Control Value Warning Level, Cutoff Warning Cutoff Level, Cylinder Deactivation Actuator 1 VW Common Control State, Cylinder Deactivation Actuator 2 VW Common Control State, Cylinder Deactivation Actuator 3 VW Common Control State, Cylinder Deactivation Actuator 4 VW Common Control State, Cylinder Head Coolant Valve, Damper Front Left (Hard), Damper Front Left (Soft), Damper Front Left Hard Control State, Damper Front Left Hard Control Value Weak Hard, Damper Front Left Weak Control Value Weak Hard, Damper Front Right (Hard), Damper Front Right (Soft), Damper Front Right Hard Control State, Damper Front Right Hard Control Value Weak Hard, Damper Front Right Weak Control Value Weak Hard, Damper Rear Left (Hard), Damper Rear Left (Soft), Damper Rear Left Hard Control State, Damper Rear Left Hard Control Value Weak Hard, Damper Rear Left Weak Control Value Weak Hard, Damper Rear Right (Hard), Damper Rear Right (Soft), Damper Rear Right Hard Control State, Damper Rear Right Hard Control Value Weak Hard, Damper Rear Right Weak Control Value Weak Hard, Damper Valve Current Front Left Control Value Current, Damper Valve Current Front Right Control Value Current, Damper Valve Current Rear Left Control Value Current, Damper Valve Current Rear Right Control Value Current, Dash Panel Vent Indicator Lamp Test Control Value, Dash Panel Vent Positioning Motor Test Control Value On Off, Daytime Run Light Deactive Tst Ctrl Val Can Sig, Daytime Run Light Deactive Tst Ctrl Val Ind Light, Daytime Running And Side Light Left 2 Test Control Value, Daytime Running And Side Light Left Led Test Control Value, Daytime Running And Side Light Left Test Control Value, Daytime Running And Side Light Right 2 Test Control Value, Daytime Running And Side Light Right Led Test Control Value, Daytime Running And Side Light Right Test Control Value, Daytime Running Light Left 2 Test Control Value, Daytime Running Light Left Test Control Value, Daytime Running Light Right 2 Test Control Value, Daytime Running Light Right Test Control Value, Daytime Running Light Test 2 Control Value, Daytime Running Lights Bulb 2 Left, Daytime Running Lights Bulb 2 Right, Daytime Running Lights Bulb Left, Daytime Running Lights Bulb Right, Daytime Running Lights LED Module Control Circuit Left, Daytime Running Lights LED Module Control Circuit Right, Daytime Running Lights Test Control Value, Daytimerunninglight Test Controlstate Data 2, Default Mode Control Value, Defined Segment Control Matrix Headlamp Left, Defined Segment Control Matrix Headlamp Left Control Value, Defined Segment Control Matrix Headlamp Right, Defined Segment Control Matrix Headlamp Right Control Value, Defrost Flap Control Motor, Defroster Button Indicator Light Test Control Value, Defroster Flap Control Motor, Defroster Flap Control Motor Control Value On Off, Defroster Flap Control Motor Input Output Control Parameter, Defroster Flap Control Motor Setpoint, Defroster Flap Control Motor

Sollwert, Delayed Closing Indicator Light Test Control Value, Deploy Function Light Operating Button, Designlight Test Controlstate Data 2, Diesel Particle Filter Indicator Lamp, Diesel Particulate Filter Indicator Lamp, Diesel Particulate Filter Indicator Lamp VW Common Ctrl State, Digital Mirror Device Left Supply Test Control Value, Digital Mirror Device Right Supply Test Control Value, Dimming Display Test Control Value, Dimming Interior Light Test Control Value, Dimming Left Static Cornering Lighting Control Value, Dimming Left Static Cornering Lighting Dimming Target Value, Dimming Lt Static Cornering Lighting Ctrl Value Dimming Target, Dimming Lt Static Corng Lightng Ctrl Val Dimming Tar, Dimming Right Static Cornering Lighting Control Value, Dimming Right Static Cornering Lighting Dimming Target Value, Dimming Rt Static Cornering Lighting Ctrl Value Dimming Target, Dimming Rt Static Corng Lightng Ctrl Val Dimming Tar, Dimming Terminal 58T, Dimming Terminal 58t Control Value On Off, Dipped Beam, Direction Indicator Left, Direction Indicator Right, Disengagement Clutch Actuator Test, Disengagement Clutch Actuator Test VW Common Control State, Display 1, Display and Operating Unit Front, Display For Lane Departure Warning Control Value, Display Road Sign In Dash Panel Insert, Display Road Sign In Dash Panel Insert Control Value, Display Test, Display Test 1 Control Value Display, Display Test 1 Display, Display Test 2 Control Value Display, Display Test 2 Display, Display Test 3 Control Value Display, Display Test 5 Display, Display Test Ctrl Unit Dash Panel Insert Control Value Display, Display Test Retractable 1 Display State, Display Test Retractable 1 Retractable Display, Display Test Retractable 2 Display State, Display Test Retractable 2 Retractable Display, Display Test Selective Control Value, Display Test, Text, Display Unit Adjustment 2 Test Control Value, Display Unit Adjustment Test Control Value, Display: Black Segments, Display: Red Segments, Door Ambient Lighting Front Left Test Control Value, Door Ambient Lighting Front Right Test Control Value, Door Ambient Lighting Rear Left Test Control Value, Door Ambient Lighting Rear Right Test Control Value, Door Condition Signal Test Control Value, Door Contour Lighting Front Left Test Control Value, Door Contour Lighting Front Right Test Control Value, Door Contour Lighting Rear Left Test Control Value, Door Contour Lighting Rear Right Test Control Value, Door Exterior Handle Switch Control Motor Test Control Value, Door Handle Control On, Door Illumination Front Actuation Time, Door Illumination Front Start Parameter, Door Illumination Rear Actuation Time, Door Illumination Rear Start Parameter, door knob electronics door behind right check, door knob electronics driver side check, door knob electronics passenger side check, Door Knob Electronics: Door Behind Left Check, Door Warning Light, Doors Not Closed Signal, Dosing Pump Test Control Value On Off, Dosing/Metering Pump, Double Bass Speaker 1 Front Left Control Value, Double Bass Speaker 1 Front Right Control Value, Double Bass Speaker 2 Front Right Control Value, Double Subwoofer Speaker 1 Control Value, Double Subwoofer Speaker 2 Control Value, Doubler Bass Speaker 2 Front Left Control Value, Dr Hazard Warn At Danger Coli Wt A Person Tst Ctrl Val, Dr Warn Disp Brk Booster Ctrl Val Advice Text Msg, Dr Warn Disp Brk Booster Ctrl Val Brk Sys Warn Lmp, Dr Warn Disp Brk Booster Ctrl Val OBD Stat Lmp, Dr Warn Disp Brk Booster Ctrl Val Warn Ind Lmp, Dr Warn Disp Brk Booster Ctrl Val Warn Text Msg, Dr Warning Disp Brake Booster Ctrl Value Advice Text Message, Dr Warning Disp Brake Booster Ctrl Value Brake Sys Warning Lamp, Dr Warning Disp Brake Booster Ctrl Value Warning Text Message, Driv.side Window Lifter, Closing, Driv.side Window Lifter, Opening, Drive Programm Indicator Light VW Common Control State, Driver Assistance Systems CAN-Extended Separator, Driver Hazard Warning At Danger Of Collision With A Person Test, Driver Side Multi-Contour Seat: Functional Test, Driver Warning Display Brake Booster Ctrl Value OBD Status Lamp, Driving Mode Switch, Driving School Acoustic Warning Test Control Value Can Signal, Drv Dynamics Reg Hi Pres Switch Valve 1 Ctrl Value On OFF, Drv Dynamics Reg Hi Pres Switch Valve 2 Ctrl Value On OFF, Drv Dynmcs Reg Hi Pres SW Vlv 1 Ctrl Val On Off, Drv Dynmcs Reg Hi Pres SW Vlv 1 VW Local Ctrl St, Drv Dynmcs Reg Hi Pres SW Vlv 2 Ctrl Val On Off, Drv Dynmcs Reg Hi Pres SW Vlv 2 VW Local Ctrl St, Drv School Acs Warn Tst Ctrl Val Ind Light, Drv School Acs Warn Tst Ctrl Val Sup V, Drv School FW Illum Tst Ctrl Val Can Sig, Drv School FW Illum Tst Ctrl Val FW Illum, Drv School FW Illum Tst Ctrl Val Ind Light, Drv School Rem Ctrl Ind Light Tst Ctrl Val Lo Beam Tst, Drv School Rem Ctrl Ind Light Tst Ctrl Val Main Beam Tst, Drv School Rem Ctrl Ind Light Tst Ctrl Val

Turn Signals Lt Tst, Ds Belt Buckle Illumination, DTC 01486 ESP Function Test, Dynamic Cornering Light: Adjust to Steering Angle Dependent Pos, Dynamic Cornering Light: Adjusting to Center Position, Dynamic Cornering Light: Adjusting to Inner Position, Dynamic Cornering Light: Adjusting to Outer Position, Dynamic Cornering Light: Position Left, Dynamic Cornering Light: Position Right, Dynamic Headlight Range Control Test Control Value, Dynamic Light Function Test Control Value, Dynamic Test Actuationtime, Dynamic Test Control Value 1actuatorvalue, Dynamic Test Control Value 1ID Actuator, Dynamic Test Control Value 2actuatorvalue, Dynamic Test Control Value 2ID Actuator, Dynamic Test Control Value 2idactuator, Dynamic Test Control Value 3actuatorvalue, Dynamic Test Control Value 3ID Actuator, Dynamic Test Control Value 3idactuator, Dynamic Test Control Value 4actuatorvalue, Dynamic Test Control Value 4ID Actuator, Dynamic Test Control Value 4idactuator, Dynamic Test Control Value Actuationtime, Dynamic Test Control Value Waitingtime, Dynamic Test Watingtime, ECM/PCM Power Relay, ECM-PCM Power Relay, ECM-PCM Power Relay VW Common Control State, Egr Bypass Solenoid Valve, EGR Cooler Bypass Valve, EGR Cooler Bypass Valve 2, Egr Cooler Coolant Pump, EGR Cooler Pump, Egr Cooling Coolant Pump, Egr Cooling Switching Valve, Egr Cooling Switching Valve 2, EGR Low Temperature Cooling Water Pump, EGR Valve 1, EGR Valve Cooler Bypass Valve, EGR Valve Cooler Bypass Valve VW Common Control State, Elec Air Cond Comp Tst VW Com Ctrl St, Elec Air Conditioner Compressor Test Inp Output Ctrl Parameter, Elec Hi Temp Cool Pmp VW Com Ctrl St, Elec Water Pmp EGR Lo Temp Cooling VW Com Ctrl St, Elec Water Pump For EGR Lo Temp Cooling VW Common Ctrl State, Electr. Vacuum Pump (brake), Electric Aux. Fuel Pump Relay, Electric Coolant Pump, Electric Coolant Pump 2, Electric Coolant Pump 2 VW Common Control State, Electric Coolant Pump VW Common Control State, Electric Fuel Pump, Electric Fuel Pump Control Unit, Electric Fuel Pump Relay, Electric Machine Bypass Valve, Electrical Air Conditioner Compressor Test Control Value On Off, Electrical Catalyst Heater Actuator Test VW Common Ctrl State, Electrical Fuel Pump, Electrical Fuel Pump 2 VW Common Control State, Electrical Fuel Pump VW Common Control State, Electrical High Temperature Coolant Pump, Electrical High Temperature Coolant Pump VW Common Ctrl State, Electrical Low Temperature Coolant Pump VW Common Control State, Electrical Thermostat, Electrically Adjustable Steering Column Test Control Value, Electronic Roof Control Without Conditions Position, Electronic Roof Position Control Position, EMC Mode Flap Control Motors Test, EMC Mode Flap Control Motors Test Control Value On Off, EMC Mode Flap Control Motors Test VW Common Control State, EMC Mode Flap Ctrl Motors Test Input Output Control Parameter, Emc Test Mode, Emergency Brake Signal Control State, Emergency Brake Signal Control Value On OFF, Emergency Brake Signal VW Local Control State, Emergency Call Establishment Test Control Value, Emergency Call System: Functional Test, Emergency Call System: Loudspeaker, Emergency Call System: Manual Emergency Call, Emergency Flashers Control Lamp, Emergency Flashers Indicator Lamp, Emission Warning Lamp (MIL), Enabling For External Systems Test Control Value, Energize Power-Latch Control Value Direction Of Movement, Energize Power-Latch Direction, Eng Cool Pmp Charged Air Cooling VW Com Ctrl St, Eng Sound Generation Tst Tone Ctrl Val Chn Selcn, Eng Sound Generation Tst Tone Ctrl Val Frequence Tone Selcn, Eng Sound Generation Tst Tone Ctrl Val Frequence Tone Selection, Eng Sound Generation Tst Tone Ctrl Val Vol Selcn, Engine Compartment Fan 2 Control VW Common Control State, Engine Compartment Fan Control VW Common Control State, Engine Compartment Light, Engine Component Current Supply Relay 2 VW Common Control State, Engine Component Relay, Engine Components Voltage Supply Relay, Engine Cool Pump 2 For Charged Air Cooling VW Common Ctrl State, Engine Cool Pump For Charged Air Cooling VW Common Ctrl State, Engine Coolant Pump For Charged Air Cooling, Engine Coolant Pump Relay, Engine Cutoff Speed VW Common Control State, Engine Mount 1, Engine Mount 1 Control Value, Engine Mount 1 VW Common Control State, Engine Mount 2, Engine Mount 2 Control Value, Engine Mount 2 VW Common Control State, Engine Mount VW Common Control State, Engine Mount. Sol. Valve, Left, Engine Mount. Sol. Valve, Right, Engine Mounting, Engine Mounting Control, Engine Mounting Control 1, Engine Mounting Control 2, Engine Oil Cooler Valve VW Common Control State, Engine Oil Pump, Bypass Sol.Valve, Engine Overheating

Warning Lamp, Engine Sound Generation Test Tone Ctrl Value Channel Selection, Engine Sound Generation Test Tone Ctrl Value Volume Selection, Engine Temp. Regulation Actuator, Engine Temperature Regulation Actuator, Engine Temperature Regulation Actuator VW Common Control State, Engry Consumer Switchoff Ctrl Val Cen Lck Rr Rt, Entry And Start Authorisation Aerials Diagnosis Control Value, Entry Exit Scan At Back, Entry Exit Scan At Back Control Cyclic On Off Time, Entry Exit Scan At Back Timeparameter, Entry Exit Scan At Driver Door, Entry Exit Scan At Driver Door Control Cyclic On Off Time, Entry Exit Scan At Driver Door Timeparameter, Entry Exit Scan At Passenger Door, Entry Exit Scan At Passenger Door Control Cyclic On Off Time, Entry Exit Scan At Passenger Door Timeparameter, Entry Light Rear Test Control Value Side Selection, Entry Light Rear Test Control Value Start Parameter, Entwicklerstellglied 01 IO Control Option OBD Status Lamp, Environment Illumination Test Control Value, EOL Charge Motion Valves VW Common Control State, EOL Exhaust Gas Turbochargers VW Common Control State, EOL Throttle Valves VW Common Control State, Error Check Control Value On Off, Error Lamp, Error Text Output, Erweiterte Stellglieddiagnose ABS Pump Motor, Erweiterte Stellglieddiagnose ABS Pump Motor (2), Erweiterte Stellglieddiagnose Front Left ABS Inlet Valve, Erweiterte Stellglieddiagnose Front Left ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Front Left ABS Outlet Valve, Erweiterte Stellglieddiagnose Front Left ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Front Right ABS Inlet Valve, Erweiterte Stellglieddiagnose Front Right ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Front Right ABS Outlet Valve, Erweiterte Stellglieddiagnose Front Right ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Rear Left ABS Inlet Valve, Erweiterte Stellglieddiagnose Rear Left ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Rear Left ABS Outlet Valve, Erweiterte Stellglieddiagnose Rear Left ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Rear Right ABS Inlet Valve, Erweiterte Stellglieddiagnose Rear Right ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Rear Right ABS Outlet Valve, Erweiterte Stellglieddiagnose Rear Right ABS Outlet Valve (2), Erweiterte Stellglieddiagnose TC ISO 1 Valve, Erweiterte Stellglieddiagnose TC ISO 1 Valve (2), Erweiterte Stellglieddiagnose TC ISO 2 Valve, Erweiterte Stellglieddiagnose TC ISO 2 Valve (2), Erweiterte Stellglieddiagnose TC Supply 1 Valve, Erweiterte Stellglieddiagnose TC Supply 1 Valve (2), Erweiterte Stellglieddiagnose TC Supply 2 Valve, Erweiterte Stellglieddiagnose TC Supply 2 Valve (2), ESP Road Test, ESP Test, ESP-Data (Brake), ESP-Data (Variants), Evap Actuation, Evap Ems Sys Leak Det Pmp VW Com Ctrl St, Evap Ems Sys Leak Det Vlv VW Com Ctrl St, EVAP Leak Detection Pump Sense Circuit, Evap Purge Valve 2, Evap Purge Valve 2 VW Common Control State, EVAP System Purge Control Valve, Evap.Emission Control Regen.Valve, Evaporative Emission System Leak Det Pump VW Common Ctrl State, Evaporative Emission System Leak Det Valve VW Common Ctrl State, Evaporative Emission System Leak Detection Pump, Evaporative Emission(EVAP)Canister Purge Regulator Valve, Ex Gas Recirculation Cooler Bypass Valve 2 VW Common Ctrl State, Example Input Output Identifier Controlstate, Exhaust Gas Flap, Exhaust Gas Flap VW Common Control State, Exhaust Gas Turbocharger 1, Exhaust Gas Turbocharger 1 VW Common Control State, Exhaust Gas Turbocharger 2, Exhaust Gas Turbocharger 2 VW Common Control State, Exh. Gas Treatment Scr Heating 2, Exh. Gas Treatment Scr Heating 3, Exh. Supercharger Recirc. Valve, Exhaust Camsh.control Sol. Valve, Exhaust Camsh.timing Control(b1), Exhaust Camsh.timing Control(b2), Exhaust Flap Actuator, Exhaust Flap Control Motor, Exhaust Gas Flap, Exhaust Gas Flap 2, Exhaust Gas Flap 2 VW Common Control State, Exhaust Gas Flap 3, Exhaust Gas Flap 3 VW Common Control State, Exhaust Gas Recirculation Cooler Switch-Over Valve, Exhaust Gas Recirculation Cooling Switch-Over Valve, Exhaust Gas Recirculation Valve, Exhaust Gas Recirculation Valve 1, Exhaust Gas Recirculation Valve 1 VW Common Control State, Exhaust Gas Recirculation Valve 2, Exhaust Gas Recirculation Valve 2 VW Common Control State, Exhaust Gas Recirculation Valve 3 VW Common Control State, Exhaust Gas Recirculation Valve Cooler Bypass Valve, Exhaust Gas Treatm. Scr Injector, Exhaust Gas Treatment Scr Heating, Exhaust Gas Turbocharger 1, Exhaust Pressure Control Valve, Exhaust Turbocharger Cntrl. Valve, Exhaust-Gas Recirculat. Actuator, Exhaust-Gas Recirculat.actuator 1, Exhaust-Gas Recirculat.actuator 2, Exhaust-Gas Recirculation Valve, Exhaust-Gas Turbocharger Ecu 1, Extend Mirror, Extender Module Test Control Value, Exterior Ambient

Lighting, Exterior Light Entire Test Control Value, Exterior Lighting, Exterior Mirror Automatic Dimming, External Audio Diagnosis Test, Fail Safe Light Test Control Value, FAN 1 2 Test Controlstate Data 2, Fan 1 Control Circuit, FAN 1 Test Controlstate Data 2, FAN 2 Test Controlstate Data 2, FAN 3 Test Controlstate Data 2, FAN 4 Test Controlstate Data 2, Fan After Run Relay VW Common Control State, Fan Control, Fan Control 1, Fan Control 1 Control Value On Off, Fan Control 1 Input Output Control Parameter, Fan Control 1 VW Common Control State, Fan Control 2, Fan Control 2 Control Value On Off, Fan Control 2 Input Output Control Parameter, Fan Control 2 VW Common Control State, Fan Control Relay Level 1 VW Common Control State, Fan Control Relay Level 2 VW Common Control State, Fan Control Relay Test Control Value On Off, Fill Pressure Lines, Fläche Mittelkonsole Hinten Links Control Value, Fläche Mittelkonsole Hinten Rechts Control Value, Fläche Mittelkonsole Vorne Links Control Value, Fläche Mittelkonsole Vorne Rechts Control Value, Flame Monitor/glow Element Unit, Flap Def FL Intervallbetrieb, Flap Def FL Klappenposition, Flap Dif Mid FL Intervallbetrieb, Flap Dif Mid FL Klappenposition, Flap Dif Mid FR Intervallbetrieb, Flap Dif Mid FR Klappenposition, Flap Distrib BL Intervallbetrieb, Flap Distrib BL Klappenposition, Flap Distrib BR Intervallbetrieb, Flap Distrib BR Klappenposition, Flap Floor FL Intervallbetrieb, Flap Floor FL Klappenposition, Flap Floor FR Intervallbetrieb, Flap Floor FR Klappenposition, Flap Head Up Display Test Control Value, Flap Lim BL Intervallbetrieb, Flap Lim BL Klappenposition, Flap Lim BR Intervallbetrieb, Flap Lim BR Klappenposition, Flap Mid BL Intervallbetrieb, Flap Mid BL Klappenposition, Flap Mid BR Intervallbetrieb, Flap Mid BR Klappenposition, Flap Mid FL Intervallbetrieb, Flap Mid FL Klappenposition, Flap Mid FR Intervallbetrieb, Flap Mid FR Klappenposition, Flap Pers Mid BLH Intervallbetrieb, Flap Pers Mid BLH Klappenposition, Flap Pers Mid BLV Intervallbetrieb, Flap Pers Mid BLV Klappenposition, Flap Pers Mid BRH Intervallbetrieb, Flap Pers Mid BRH Klappenposition, Flap Pers Mid BRV Intervallbetrieb, Flap Pers Mid BRV Klappenposition, Flap Pers Mid FLH Intervallbetrieb, Flap Pers Mid FLH Klappenposition, Flap Pers Mid FLV Intervallbetrieb, Flap Pers Mid FLV Klappenposition, Flap Pers Mid FRH Intervallbetrieb, Flap Pers Mid FRH Klappenposition, Flap Pers Mid FRV Intervallbetrieb, Flap Pers Mid FRV Klappenposition, Flap Pers Side FLH Intervallbetrieb, Flap Pers Side FLH Klappenposition, Flap Pers Side FLV Intervallbetrieb, Flap Pers Side FLV Klappenposition, Flap Pers Side FRH Intervallbetrieb, Flap Pers Side FRH Klappenposition, Flap Pers Side FRV Intervallbetrieb, Flap Pers Side FRV Klappenposition, Flap Ram Air FL Intervallbetrieb, Flap Ram Air FL Klappenposition, Flap Recirc B Intervallbetrieb, Flap Recirc B Klappenposition, Flap Recirc F Intervallbetrieb, Flap Recirc F Klappenposition, Flap Side FL Intervallbetrieb, Flap Side FL Klappenposition, Flap Side FR Intervallbetrieb, Flap Side FR Klappenposition, Flap Temp BL Intervallbetrieb, Flap Temp BL Klappenposition, Flap Temp BR Intervallbetrieb, Flap Temp BR Klappenposition, Flap Temp FL Intervallbetrieb, Flap Temp FL Klappenposition, Flap Temp Floor FL Intervallbetrieb, Flap Temp Floor FL Klappenposition, Flap Temp Floor FR Intervallbetrieb, Flap Temp Floor FR Klappenposition, Flap Temp FR Intervallbetrieb, Flap Temp FR Klappenposition, Flap Temp Mid B Intervallbetrieb, Flap Temp Mid B Klappenposition, Flashing Lights Front Test Control Value, Flashing Lights Rear Test Control Value, Floor Panel Fan Test Control Value, Fog Light Left Test Control Value, Fog Light Rear Test Control Value, Fog Light Right Test Control Value, Fog Light Test Control Value Side Selection, Fog Light Test Control Value Start Parameter, Fog Light, Left, Fog Light, Right, Fog Lights, Fog Lights Rear, Fog Lights Rear Left, Fog Lights Rear Right, Fog-Lamps Bulb Left, Fog-Lamps Bulb Right, Footrest Adjustment Test Control Value, Footwell Flap Control Motor Left, Footwell Flap Control Motor Right, Footwell Flap Positioning Motor Actuation Control Value On Off, Footwell Illumination Front Test Control Value, Footwell Illumination Multicolor Control Value, Footwell Illumination Rear Test Control Value, Footwell Light Test Control Value, Footwell Lighting Rear Left, Footwell Lighting Rear Right, Footwell Lights, Footwell Lights Front, Footwell Lights Rear, Footwell Vent Positioning Motor Rear, Force FB Accelerator Pedal Low Version VW Common Ctrl State, Force Feedback Accelerator Pedal 3, Force Feedback Accelerator Pedal Control Value Function, Force Feedback Accelerator Pedal Control Value Position, Force Feedback Accelerator Pedal VW Common Control State 3, Force Feedback AP Low Version, Foreign Object Detection Test

Control Value, Fr Wash Pmp Ctrl Heat Wip Arms Tst Ctrl Val, Fr.left Damper Adj.val.curr. Hard, Fr.left Damper Adj.val.curr. Soft, Fr.right.damper Adj.val.curr. Hard, Fr.right.damper Adj.val.curr. Soft, Fresh Air - Air Recirculation - Air Flow Flap Ctrl Mot Sollwert, Fresh Air Blower, Fresh Air Blower Activation, Fresh Air Blower Front, Fresh Air Blower Rear Tension, Fresh Air Flap Positioning Motor Control Value On Off, Fresh/circulating Air Flap, Front Acoustic Signal Frequency, Front Acoustic Signal Volume, Front Air Distr. Flap Ctrl. Motor, Front Axle Damper Ventilation/Bleeding, Front Axle Damper Ventilation/Filling, Front Axle Torque Request, Front Centre Console Ambient Light 1, Front DS Door Trim Ambient Light., Front Fog Lights, Front Footwell Lighting, Front Fresh Air Blower, Front Left ABS Inlet Valve Control Value On OFF, Front Left ABS Inlet Valve Front Left ABS Inlet Valve, Front Left ABS Inlet Valve VW Local Control State, Front Left ABS Outlet Valve Control Value On OFF, Front Left ABS Outlet Valve VW Local Control State, Front Left Abs Solenoid Valve, Front Left Air Spring Valve, Front Left Loudspeaker Control Value, Front Left Turn Signal Indicator Lamp 2, Rear Left Indicator La, Front Lid Release Motor Control Value, Front Parking Aid Loudspeaker, Front Parking Aid Loudspeaker Control Value, Front Parking Aid Loudspeaker VW Common Control State, Front Parking Aid Warning Buzzer, Front PS Door Trim Ambient Light., Front Right ABS Inlet Valve Control Value On OFF, Front Right ABS Inlet Valve Front Right ABS Inlet Valve, Front Right ABS Inlet Valve VW Local Control State, Front Right ABS Outlet Valve Control Value On OFF, Front Right ABS Outlet Valve VW Local Control State, Front Right Abs Solenoid Valve, Front Right Air Spring Valve, Front Right Loudspeaker Control Value, Front Right Turn Signal Indicator Lamp 2, Rear Right Indicator, Front Sunroof: Close/Lower, Front Sunroof: Open/Raise, Front Washer Pump Control Unit Front Washing Test Control Value, Front Washer Pump Ctrl Unit Heat Wiper Arms Test Control Value, Front Washing Test Control Value, Front Wiper Service Mode/Position, Front Wiper Tear Wiping, Front-Passenger Airbag Indicator Lamp (off), Frs Air - Air Recirculation - Air Flow Flap Ctrl Mot Inp O-P Co, Frs Air - Air Recirculation - Air Flow Flap Ctrl Mot Setpoint, Frs./air Rec/air Flw.fl.ctrl.mot., Fuel Cooling Relay, Fuel Evap. Shutoff Valve, Fuel Evaporation Shutoff Valve, Fuel Evaporation/Regeneration Valve, Fuel Heating Element Actuation Test Control Value On Off, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Level Display, Fuel Metering Pump, Fuel Metering Unit VW Common Control State, Fuel Metering Valve, Fuel Pre-Heating Heater, Fuel Pressure Control Valve, Fuel Pressure Reduction, Fuel Pressure Regulation, Fuel Pressure Regulator, Fuel Pressure Regulator 2, Fuel Pressure Regulator 2 VW Common Control State, Fuel Pressure Regulator Diesel, Fuel Pressure Regulator Diesel VW Common Control State, Fuel Pressure Regulator Valve, Fuel Pressure Regulator VW Common Control State, Fuel Pump, Fuel Pump Electronics Signal Line, Fuel Pump Relay, Fuel Pump Relay Control Circuit, Fuel Pump Relay Control Test Control Value On Off, Fuel Pump Relay VW Common Control State, Fuel Quantity Control Valve, Fuel Quantity Solenoid Valve, Fuel Tank Breather Valve: Actuation, Fuel Tank Cap: Lock, Fuel Tank Cap: Unlock, Fuel Tank Flap Lock Control Value, Fuel Tank Flap Unlock Control Value, Fuel Tank Isolation Valve, Fuel Tank Isolation Valve VW Common Control State, Fuel Tank Vent Valve, Fuel Tank Vent Valve VW Common Control State, Fun Lmp Autohold Btn Fun Lmp Autohold Btn, Fun Lmp Park Brk Btn Fun Lmp Park Brk Btn, Function Lamp For Autohold Button, Function Lamp For Autohold Button Fun Lamp For Autohold Button, Function Lamp Parking Brake Button, Function Lamps (Deactivation), Function Lmp For Autohold Btn IO Ctrl Opt Fun Lmp For Autohold, Function Lmp Parking Brake Button Fun Lmp Parking Brake Button, Function Lmp PK Brk Button IO Ctrl Opt Fun Lmp PK Brk Button, Function Test (w/o Reverse Gear), Function Test All Valves Control Value On Off, Function Test All Valves Input Output Control Parameter, Function Test Ebkv Stage, Functional Illuminat One Test Control Value, Functional Illuminat Two Test Control Value, Further Function Lights, FV Safe State Simulation Control Value, Gear Oil Coolant Pump, Gear Oil Coolant Pump VW Common Control State, Gear Oil Cooling Valve Close Control Value, Gear Oil Cooling Valve Open Control Value, Gear Oil Cooling Valve Open VW Common Control State, Gear Selection Value 1, Gear Selection Value 2, Gear Selection Value 3, Gearbob Hydraulic Pump, Gearbox Coolant Valve, General Inp O-P Tst Ctrl Val Veh Veloc Sig Tst, General Input Output Test Control Value Output 01, General Input Output Test Control Value Output 02, General Input Output Test Control

Value Output 03, General Input Output Test Control Value Output 04, General Input Output Test Control Value Output 05, General Input Output Test Control Value Output 06, General Input Output Test Control Value Output 07, General Input Output Test Control Value Output 08, General Input Output Test Control Value Output 09, General Input Output Test Control Value Output 10, General Input Output Test Control Value Output 11, General Input Output Test Control Value Output 12, General Input Output Test Control Value Output 13, General Input Output Test Control Value Output 14, General Input Output Test Control Value Output 15, General Input Output Test Control Value Output 16, General Input Output Test Control Value Output 17, General Input Output Test Control Value Output 18, General Input Output Test Control Value Output 19, General Input Output Test Control Value Output 20, General Input Output Test Control Value Output 21, General Input Output Test Control Value Output 22, General Input Output Test Control Value Output 23, General Input Output Test Control Value Pullup Resistor, Generator: Specified Generator Voltage 10.6 V, Generator: Specified Generator Voltage 15.0 V, Glove Comp Lck Mot Tst Ctrl Val Mot Ctrl, Glove Compartment Locking Motor Test Control Value On Off, Glovebox Unlocking Motor, Glow Control Unit 1, Glow Control Unit 2, Glow Plug Control Module, Glow Plug Control Module 1, Glow Plug Control Module 1 VW Common Control State, Glow Plug Control Module 2 VW Common Control State, Glow Plug Indicator Light, Glow Plug Pre-Heat Indicator, Glow Plug Relay, Glow-Plug with Flame Monitoring, GNSS Receiver Restart Control Value, Gong, Gradual Rear Lid Closing, Gradual Rear Lid Opening, Green Function Lamp Control State, Green Indicator Lamp Control Value On Off, Green Indicator Lamp For Lane Departure Warning, Green Indicator Lamp For Lane Departure Warning Control Value, Green operating lamp, Haldex Trans Act Ctrl Val Haldex Trans Act, Hat Shelf Speaker, Hazard Warn Light SW Functional Illum Tst Ctrl Val, Hazard Warnng. System Indic. Lamp, Hazard Warning Light Switch Functional Illum Test Ctrl Value, Hazard Warning System Indicator Light Test Control Value, HDC Indicator Lamp, Head Restraint Adjustm. To Front, Head Restraint Upward Adjustment, Headlamp Cleaning System Relay, Headlamp Fan 1 Test Control Value, Headlamp Fan 2 Test Control Value, Headlamp Fans Test Control Value, Headlamp Left High Beam Segment Control Test Control Value, Headlamp Left Low Beam Segment Control Test Control Value, Headlamp Pos. Left Vert. Bottom, Headlamp Pos. Left Vert. Center, Headlamp Pos. Left Vert. Top, Headlamp Pos. Right Vert. Bottom, Headlamp Pos. Right Vert. Center, Headlamp Pos. Right Vert. Top, Headlamp Right High Beam Segment Control Test Control Value, Headlamp Right Low Beam Segment Control Test Control Value, Headlight Left Power Supply Test Control Value, Headlight Range Control: Adjusting to Delivery Position, Headlight Range Control: Adjusting to Lowered Position, Headlight Range Control: Adjusting to Raised Position, Headlight Range Control: Adjusting to Specified Position, Headlight Right Power Supply Test Control Value, Headlight Washer Pump, Headlight Washer System, Headlight Washer Test Control Value, Headrest Adjustment Test Control Value, Headrest Height Adjustment Test Control Value, Headrest Longitudinal Adjustment Test Control Value, Heat Regulation Valve Left, Heat Regulation Valve Right, Heated Front Window Indicator Light Test Control Value, Heated Front Window Test Control Value, Heated Rear Window, Heated Rear Window Activation, Heated Rear Window Indicator Light Test Control Value, Heated Rear Window Test Control Value, Heated Seat Front Left, Heated Seat Front Right, Heated Seat Level 2 to 1 Reduction Time, Heated Seat Level 3 to 2 Reduction Time, Heated Seat Thumb Wheel Temp Setting 2, Heated Seat Thumb Wheel Temp Setting 3, Heated Steering Wheel, Heated Steering Wheel Activation Control Value, Heated Steering Wheel, Activation, Heated Steering Wheel, Activation Control Value LRH, Heated Windscreen Relay Test Control Value, Heated Windshield, Heated Wiper Rack Test Control Value, Heated Wiper Rack Test Input Output Control Parameter, Heater Engine Coolant Blocking Valve, Heater Glow Plug Test Control Value On Off, Heating Element Door Test Control Value Heating Element 1 Door, Heating Element Door Test Control Value Heating Element 2 Door, Heating Support Pump, Heating Support Pump VW Common Control State, Heating Test Control Value, High Beam, High Beam Test Control Value, High Pressure Valve Rear Axle Control Value On OFF, High Voltage Heater Test, High Voltage Heater Test Control Value On Off, High Voltage

Heater Test Input Output Control Parameter, High-Beam Headlight, Left, High-Beam Headlight, Right, Highbeam Test Controlstate Data 2, High-Beams Bulb Left, High-Beams Bulb Right, High-Output Coolant Preheat Relay, High-Pressure Inj. Valve (cyl. 1), High-Pressure Inj. Valve (cyl. 2), High-Pressure Inj. Valve (cyl. 3), High-Pressure Inj. Valve (cyl. 4), High-Pressure Inj. Valve (cyl. 5), High-Pressure Inj. Valve (cyl. 6), Highside Channel 1 Test Control Value, Highside Channel 2 Test Control Value, Highside Channel 3 Test Control Value, Highside Channel 4 Test Control Value, Highside Channel Test Control Value, Hill Descent Assist Indicator Light Test Control Value, Hill Hold Control (HHC), Hill Hold Control Button Led, Hill Hold Control Indicator Lamp, Horn, Horn Relay, Htd Str Wheel, Act Inp O-P Ctrl Parameter, Hv Batt. Charge Warning Lamp, Hv Batt.: Sv 1 Coolg.sys.opening, Hv Batt.: Sv 2 Coolg.sys.opening, Hv Batt.:sv 1 Cooling Sys.closing, Hv Batt.:sv 2 Cooling Sys.closing, Hv Batt.immediate Charging Button, HV Battery Charge/discharge Current, Hv Battery Coolant Pump, Hv Battery: Fan Actuation, Hv Battery: Vent Flap 1, Hv Battery: Vent Flap 2, Hv Charging Cable Indicator Lamp, Hv System: Auxiliary Coolant Pump, HVAC Test, Hyb EV Bat Pack Cool Ctrl Vlv A Tst Ctrl Val On Off, Hyb EV Bat Pack Cool Ctrl Vlv B Tst Ctrl Val On Off, Hyb EV Bat Pack Cool Ctrl Vlv B Tst Inp O-P Control Parameter, Hyb EV Bat Pack Cool Ctrl Vlv C Tst Ctrl Val On Off, Hyb EV Battery Pack Cool Ctrl Valve A Test Control Value On Off, Hyb EV Battery Pack Cool Ctrl Valve B Test Control Value On Off, Hyb EV Battery Pack Cool Ctrl Valve C Test Control Value On Off, Hydraulic Pump Hydraulic Pump, Idle Speed Adjustment Adjustment Value Idle Speed, Idle Speed Adjustment Nmot Sb Q10 8 Bits Calibration Data, Idle Speed Adjustment VW Common Control State, Ign Ky Withdrawal Lock, Act VW Com Ctrl St, Ignition Key Removal Lock, Illum Op And Disp Tst Ctrl Val On Off, Illum Op And Disp Tst VW Com Ctrl St, Illum Telephone Op Functional Illum Op, Illumination, Illumination Control Value, Illumination Operating And Disp Unit Test VW Common Ctrl State, Illumination Operating And Display Unit Test Ctrl Value On Off, Illumination Periodic Signal Control Value, Illumination Selector Lever Position Display Unit Data, Illumination Telephone Operating Unit, Illumination Telephone Operating Unit Control Value, Inclination Sensor Indicator Light, In-Cylinder Flow Flap, Ind Lamp For Start Stop Operation Or Elec Dr Test Ctrl Value, Ind Lamp In Electronic Parking Brake Button Ctrl Value On Off, Ind Lmp Electromechanical Park Brk Ind Lmp Electromechanical P, Ind Lmp Electromechanical Park Brk VW Com Ctrl St, Ind Lmp In Elec Park Brk Btn Ctrl Val On Off, Ind Lmp Malf Electromechani Park Brk Ind Lmp Malf Electromecha, Ind Lmp Malf Electromechanical Park Brk VW Com Ctrl St, Ind Lmp Rr Tilting Sunroof Tst Ctrl Val On Off, Ind Lmp Strt St Op Or Elec Dr Tst Ctrl Val, Indicator Lamp Auto Hold, Indicator Lamp Auto Hold Control Value, Indicator Lamp Auto Hold Indicator Lamp Auto Hold, Indicator Lamp For Hold Assist Control Value On OFF, Indicator Lamp Park Brake Button Control State, Indicator Light For Automated Driving Test Control Value, Indicator Light For Auxiliary Water Heating Test Control Value, Indicator Light For Engine Sound Generation Test Control Value, Indicator Light For Glow Control, Indicator Light For Glow Control VW Common Control State, Indicator Light For Steering Wheel Heater Test Control Value, Indicator Lmp For Electromechanical PK Brk Ind Lmp For Electrom, Indicator Lmp Malf Electromechanical PK Brk Ind Lmp Malf Electr, Indirect Ventilation Flap Control Motor, Indirect Ventilation Flap Motor Setpoint, Individ. Matrix Headlamp Segment, Individual Segment Control Matrix Headlamp, Individual Segment Control Matrix Headlamp Control Value, Infrastructure Indicator Lights Test Control Value, Infrastructure Zmover Test Control Value, Injection Valve 1, Injection Valve 2, Injection Valve 3, Injection Valve 4, Injection Valve 5, Injection Valve 6, Injection Valve Cylinder 1, Injection Valve Cylinder 2, Injection Valve Cylinder 3, Injection Valve Cylinder 4, Injection Valve Cylinder 5, Injection Valve Cylinder 6, Injector Valve 1, Injector Valve 1 VW Common Control State, Injector Valve 10 VW Common Control State, Injector Valve 10B Actuator, Injector Valve 10B Position, Injector Valve 11 VW Common Control State, Injector Valve 11B Actuator, Injector Valve 11B Position, Injector Valve 12 VW Common Control State, Injector Valve 12B Actuator, Injector Valve 12B Position, Injector Valve 13 Actuator, Injector Valve 13 Position, Injector Valve 13B Actuator, Injector Valve 13B Position, Injector Valve 14 Actuator, Injector Valve 14 Position, Injector Valve 14B Actuator, Injector Valve 14B Position, Injector Valve 15 Actuator, Injector Valve 15 Position, Injector Valve 15B Actuator, Injector



Valve 15B Position, Injector Valve 16 Actuator, Injector Valve 16 Position, Injector Valve 16B Actuator, Injector Valve 16B Position, Injector Valve 1B Actuator, Injector Valve 1B Position, Injector Valve 2, Injector Valve 2 VW Common Control State, Injector Valve 2B Actuator, Injector Valve 2B Position, Injector Valve 3, Injector Valve 3 VW Common Control State, Injector Valve 3B Actuator, Injector Valve 3B Position, Injector Valve 4, Injector Valve 4 VW Common Control State, Injector Valve 4B Actuator, Injector Valve 4B Position, Injector Valve 5, Injector Valve 5 VW Common Control State, Injector Valve 5B Actuator, Injector Valve 5B Position, Injector Valve 6, Injector Valve 6 VW Common Control State, Injector Valve 6B Actuator, Injector Valve 6B Position, Injector Valve 7, Injector Valve 7 VW Common Control State, Injector Valve 7B Actuator, Injector Valve 7B Position, Injector Valve 8, Injector Valve 8 VW Common Control State, Injector Valve 8B Actuator, Injector Valve 8B Position, Injector Valve 9 VW Common Control State, Injector Valve 9B Actuator, Injector Valve 9B Position, Injector Valve MPI 1, Injector Valve MPI 1 VW Common Control State, Injector Valve MPI 10 VW Common Control State, Injector Valve MPI 2, Injector Valve MPI 2 VW Common Control State, Injector Valve MPI 3, Injector Valve MPI 3 VW Common Control State, Injector Valve MPI 4, Injector Valve MPI 4 VW Common Control State, Injector Valve MPI 5, Injector Valve MPI 5 VW Common Control State, Injector Valve MPI 6, Injector Valve MPI 6 VW Common Control State, Injector Valve MPI 7 VW Common Control State, Injector Valve MPI 8 VW Common Control State, Injector Valve MPI 9 VW Common Control State, Inlet Camsh. Timing Control (b1), Inlet Camsh. Timing Control (b2), Inlet Camsh.control Solen. Valve, Inlet Valves Front Left ABS Inlet Valve, Inlet Valves Front Right ABS Inlet Valve, Inlet Valves IO Control Option Front Left ABS Inlet Valve, Inlet Valves IO Control Option Front Right ABS Inlet Valve, Inlet Valves IO Control Option Rear Left ABS Inlet Valve, Inlet Valves IO Control Option Rear Right ABS Inlet Valve, Inlet Valves Rear Left ABS Inlet Valve, Inlet Valves Rear Right ABS Inlet Valve, Inline Fuel Pump Relais VW Common Control State, Inline Fuel Pump Relays, Instrument Cluster Function Lamp (Activation), Instrument Cluster Lamp Test, Instrument Cluster Red Malfunction Lamp (Activation), Instrument Cluster Yellow Malfunction Lamp (Activation), Instrument Cluster: Contour Lighting, Instrument Lighting Test Control Value Klemme 58xs, Instrument Lighting Test Control Value Klemme 58xt, Instrument Lighting Test Control Value Start Parameter, Int Aerial 1 Entry And Strt Sys Diag Ctrl Val, Int Aerial 2 Entry And Strt Sys Diag Ctrl Val, Intake Air Control Valve, Intake Air Switch Solenoid Valve, Intake Man./in-Cyl. Flow Flap 2, Intake Manifold Flap, Intake Manifold Runner, Intake Manifold Runner Flap VW Common Control State, Intake-Man./in-Cylinder Flow Flap, Interior Aerial 1 For Entry And Start System Diag Ctrl Value, Interior Aerial 2 For Entry And Start System Diag Ctrl Value, Interior Ambient Lighting, Interior And Function Lighting, Interior Door Handle Illumination, Interior Illumination, Interior Light Deactivation Test Control Value Can Signal, Interior Light Deactivation Test Control Value Indication Light, Interior Light Dimming Test Control Value, Interior Lighting, Interior Lighting (Terminal 30), Interior Lights Dimming, Interior Lights Dimming (Terminal 58d), Interior Monitoring Indicator Light, Interior Monitoring Indicator Light Test Control Value, Interior Monitoring System Indicator Lamp, Interior Monitoring Vehicle Type, Interior Rear Light, Interior Temp Sensor Fan, Internal Blower Control, Internal Blower Control Control Value Fan Level, Internal Blower Control Control Value On Off, Internal Blower Control Fan Level, Iocontrol Particle Filter Regen Pump VW Common Ctrl State, Ionisator Front Ionisator Aus-An, Ionisator Rear Ionisator Aus-An, Ioniser Test Control Value, Ionizer Test Control Value, Keyless Antennas: Access/start Authorization, Lamp For Signature Light Left Power Supply Test Control Value, Lamp For Signature Light Right Power Supply Test Control Value, Lamp Test, Lamps For Vent Illumination Test Control Value, Lane Change Assist Warning Lamp, Lane Change Assist Warning Lamp In Driver Side Exterior Mirror, Lane Change Assist Warning Lamp In Front Pass Side Ext Mirror, Lane Change Assist Warning Lamp Instrument Cluster, Lane Chng Asst Warn Lmp In Lt Extrior Mir Ctrl Val, Lane Chng Asst Warn Lmp In Lt Extrior Mir Ctrl Val On Off, Lane Chng Asst Warn Lmp In Rt Extrior Mir Ctrl Val, Lane Chng Asst Warn Lmp Inst Clus Ctrl Val, Lane Departure Warning Indicator, Lck Elec Act Ctrl Val Haldex Trans Act, Idle speed, Le. Dayt.driv./side Light Led Power Mod., Le. Lgt.distr.: Country Road Lgt., Le. Light Distr.: Light/dark Lim., Leak Detection

Pump, LED Channel 1 Test Control Value, LED Channel 2 Test Control Value, LED Channel 3 Test Control Value, LED Channel 4 Test Control Value, LED Door Opening Alert Test Control Value, Led Headlamp Power Module Left Power Supply Test Control Value, Led Headlamp Power Module Right Power Supply Test Control Value, Led Wiper Switch, LED-Ring Of Adaptive Cruise Control, Left Cornering Light: Dimming, Left Daytime Driving Light, Left Daytime Driving Light Bulb 2, Left Daytime Driving/side Light, Left Footwell Flap Positioning Motor Control Value On Off, Left Head Area Heating, Left Indirect Ventilation Flap Motor Control Value On Off, Left Light Distr.: Motorway Light, Left Light Distr.: Urban Light, Left Main Beam Screen, Left Rear Light, Left Rear Upper Body Vent Motor Control Value On Off, Left Side 2nd Row Actuator Test Precrash Pretensioner, Left Side Actuator Test Precrash Pretensioner, Left Side Light/dayt. Driv. Light Bulb 2, Left Side Light: 1, Left Side Light: 2, Left Side Vent Motor Control Value On Off, Left Static Cornering Light, Left Temperature Flap Control Motor Control Value On Off, Left Temperature Flap Control Motor Setpoint, Left Temperature Flap Control Motor Sollwert, Left Temperature Flap Ctrl Motor Input Output Control Parameter, Left Valve For Engine Bearing, Left Window Defroster Flap Positioning Motor Ctrl Value On Off, Lens Heater Control Value, Level/Suspension Control Relay, Lft Light Distr.: Aut. Main Beam, Licence Plate Light, License-Plate Lights, Lift Sunroof, Light Control Module Left Power Supply Test Control Value, Light Control Module Right Power Supply Test Control Value, Light Dist Left Headlamp Ctrl Value Light Distribution Target, Light Dist Lt Headlamp Ctrl Val Light Dist Tar, Light Dist Lt Headlamp Light Dist Tar Val, Light Dist Right Headlamp Ctrl Value Light Distribution Target, Light Dist Rt Headlamp Ctrl Val Light Dist Tar, Light Dist Rt Headlamp Light Dist Tar Val, Light Dist Rt LED Headlamp Ctrl Val Light Dist Tar, Light Distribution Headlamp Control Value, Light Distribution Left Headlamp Control Value, Light Distribution Left Led Headlamp Control Value, Light Distribution Right Headlamp Control Value, Light Distribution Right Led Headlamp Control Value, Lighting/Illumination, LIN Heck-PTC Kanal A Control State, LIN Heck-PTC Kanal B Control State, Line diagnostics Control Value, LKL1 Actuator Diagnosis Control Value LED, LKL2 Actuator Diagnosis Control Value LED, Load Management, Loading Space Light Test Control Value, Lock Solenoids For Selector Lever Data, Logic Channel 1 Test Control Value, Logic Channel 2 Test Control Value, Loudspeaker Test, Loudspeaker Test Acoustic Loudspeaker Test Channel Selection, Loudspeaker Test Acoustic Test Frequency, Loudspeaker Test Acs Ctrl Val Loudspeaker Test Chn Selection, Low Beam Entire Control Value, Low Beam Lamp Left, Low Beam Lamp Right, Low Beam Reflector Motor Left, Low Beam Reflector Motor Right, Low Beam Shutter Left Test Control Value, Low Beam Shutter Right Test Control Value, Low Beam Shutter Test Control Value, Low Beams (Left/Right), Low Pressure EGR Exhaust Flap Actuator, Low Pressure EGR Exhaust Flap Actuator VW Common Control State, Lowbeam Test Controlstate Data 2, Lower Beam Left Test Control Value, Lower Beam Right Test Control Value, Lower Beam Test Control Value, Lower Beam Test Control Value Side Selection, Lower Beam Test Control Value Start Parameter, Lower Vehicle Front Left Control Value Onoff, Lower Vehicle Front Right Control Value Onoff, Lower Vehicle Rear Left Control Value, Lower Vehicle Rear Right Control Value Onoff, Low-Output Coolant Preheat Relay, Lt B-Pillar And Footwell Shut Off Flap Motor Ctrl Value On Off, Lt B-Pillar And FW Shut Off Flap Mot Ctrl Val On Off, Lt Footwell Temperature Flap Positioning Mot Ctrl Value On Off, Lt FW Temp Flap Positioning Mot Ctrl Val On Off, Lt Win Defroster Flap Positioning Mot Ctrl Val On Off, Lug Comp Aerial Entry And Strt Sys Diag Ctrl Val, Lug Comp Emerg Rel Ind Lmp Tst Ctrl Val, Lug Compartment Aerial For Entry And Strt Sys Diag Ctrl Value, Luggage Compartment Illumination Front Test Control Value, Luggage Compartment Light Test Control Value, Lumbar Support Height Adjustment, Lumbar Support Height Adjustment Test Control Value, Lumbar Support Height Adjustment Test Direction Of Movement, Lumbar Support Lngitdnl Adj Tst Dir Movement, Lumbar Support Longit. Adjustment, Lumbar Support Longitudinal Adjustment Test Control Value, LWR Position Test Controlstate Data 2, Mag Clutch For Supercharger Air Gap Test VW Common Ctrl State, Magnetic Clutch For Air Condition, Magnetic Clutch For Air Condition Control Value, Magnetic Clutch For Air Condition Input Output Ctrl Parameter, Magnetic Clutch For Air Condition Setpoint, Magnetic Clutch For Air Condition VW Common Control State, Magnetic Clutch For Supercharger, Magnetic

Clutch For Supercharger VW Common Control State, Main Beam, Main Beam Activation, Main Beam Activation Control Value, Main Beam Activation Control Value On Off, Main Beam Assist. Indicator Lamp, Main Beam Left Test Control Value, Main Beam Right Test Control Value, Main Beam Test Control Value Side Selection, Main Beam Test Control Value Start Parameter, Main Relay, Malfunction Indication Light, Malfunction Indicator Lamp, Malfunction Indicator Lamp VW Common Control State, Manoeuvre Light Request Control Value 1, Map Controlled Eng Cooling Sys Therm VW Com Ctrl St, Map Controlled Eng Cooling Sys Thermostat VW Common Ctrl State, Mass Control Valve Relay, Mass Control Valve Relay VW Common Control State, Matrix Headlamp Reference Segment, Matrixbeam Test Control Value, Maximum Cooling Output, Maximum Heat Output, Maximum Heater Output, Maximum Refrigerating Output, Mechanical System Display Unit 1, Microph. Signal Via Audio Output, Microphone Test, Midrange Speaker Front, Midrange Speaker Front Left, Midrange Speaker Front Left Control Value, Midrange Speaker Front Right, Midrange Speaker Front Right Control Value, Midrange Speaker Rear Left, Midrange Speaker Rear Left Control Value, Midrange Speaker Rear Right, Midrange Speaker Rear Right Control Value, Midrange/Woofer Loudspeaker Rear, Midrange/Woofer Loudspeaker Rear Left, Midrange/Woofer Loudspeaker Rear Right, Mirror Adjusting Motor, Mirror Adjustment Move Down Actuation Time, Mirror Adjustment Move Down Start Parameter, Mirror Adjustment Move Left Actuation Time, Mirror Adjustment Move Left Start Parameter, Mirror Adjustment Move Right Actuation Time, Mirror Adjustment Move Right Start Parameter, Mirror Adjustment Move Up Actuation Time, Mirror Adjustment Move Up Start Parameter, Mirror Adjustment Test Control Value, Mirror Dimming Control Value, Mirror Dimming Control Value On Off, Mirror Folding (In) Motors, Mirror Folding (Out) Motors, Mirror Folding Control Actuation Time, Mirror Folding Control Control Value, Mirror Folding Control Start Parameter, Mirror Folding Motor, Mirror Function Test, Mirror Heater, Mirror Heating, Mirror Heating Control Actuation Time, Mirror Heating Control Control Value, Mirror Heating Control Start Parameter, MMI Display Request, Temperature Driver, Mmi Display Temp. Setting Actuat., Motor Control Control Value Select Motor, Motor Flap For Frame Linkage, Motor To Open Rear Lid Window, Motor To Open Rear Lid Window Control Value On Off, Move Headlamp Horizontally Test Control Value, Move Headlamp Vertically Test Control Value, Move Left Headlamp Horizontally, Move Left Headlamp Horizontally Control Value, Move Left Headlamp Horizontally Horizontal Target Positon, Move Left Headlamp Vertically, Move Left Headlamp Vertically Control Value, Move Left Headlamp Vertically Control Value Vertical Position, Move Left Headlamp Vertically Vertical Positon, Move Lt Headlamp Horizontally Ctrl Val Horizontal Tar Pos, Move Lt Headlamp Horizontally Ctrl Val Horizontal Tar Position, Move Lt Headlamp Vertically In Mm Dev Vert Positon, Move Right Headlamp Horizontally, Move Right Headlamp Horizontally Control Value, Move Right Headlamp Horizontally Horizontal Target Positon, Move Right Headlamp Vertically, Move Right Headlamp Vertically Control Value, Move Right Headlamp Vertically Control Value Vertical Position, Move Right Headlamp Vertically Vertical Positon, Move Rt Headlamp Horizontally Ctrl Val Horizontal Tar Pos, Move Rt Headlamp Horizontally Ctrl Val Horizontal Tar Position, Move Rt Headlamp Vertically In Mm Dev Vert Positon, Multi Contour Seat Driver Side System Function Test Ctrl Value, Multi Contour Seat Passenger Side System Fun Test Ctrl Value, Multi Contour St Dr Sd Sys Fun Tst Ctrl Val, Multi Contour St Pass Sd Sys Fun Tst Ctrl Val, Multi Function Output 01 Flex IO-Control State, Multi Function Output 02 Flex IO-Control State, Multi Function Output 03 Flex IO-Control State, Multi Function Output 04 Flex IO-Control State, Multi Function Output 05 Flex IO-Control State, Multi Function Output 06 Flex IO-Control State, Multi Function Output 07 Flex IO-Control State, Multi Function Output 08 Flex IO-Control State, Multi Function Output 09 Flex Control PWM Duty, Multi Function Output 09 Flex Control PWM Frequency, Multi Function Output 10 Flex Control PWM Duty, Multi Function Output 10 Flex Control PWM Frequency, Multi Function Output 11 Flex Control PWM Duty, Multi Function Output 11 Flex Control PWM Frequency, Multi Function Output 12 Flex Control PWM Duty, Multi Function Output 12 Flex Control PWM Frequency, Multi Function Output 13 Flex Control PWM Duty, Multi Function Output 13 Flex Control PWM Frequency, Multi Function Output 14 Flex Control PWM Duty, Multi

Function Output 14 Flex Control PWM Frequency, Multi Function Output 15 Flex Control PWM Duty, Multi Function Output 15 Flex Control PWM Frequency, Multi Function Output 16 Flex Control PWM Duty, Multi Function Output 16 Flex Control PWM Frequency, Multi Function Output 17 Flex Control PWM Duty, Multi Function Output 17 Flex Control PWM Frequency, Multi Function Output 18 Flex Control PWM Duty, Multi Function Output 18 Flex Control PWM Frequency, Multi Function Output 19 Flex Control PWM Duty, Multi Function Output 19 Flex Control PWM Frequency, Multi Function Output 20 Flex Control PWM Duty, Multi Function Output 20 Flex Control PWM Frequency, Multi Function Output 21 Flex Control PWM Duty, Multi Function Output 21 Flex Control PWM Frequency, Multi Function Output 22 Flex Control PWM Duty, Multi Function Output 22 Flex Control PWM Frequency, Multi Function Output 23 Flex IO-Control State, Multi Function Output 24 Flex IO-Control State, Multi-Contour Seat Compressor, Multifunction Steering Wheel, Dimming, Multimedia Operating Unit: Contour Lighting, Mute Entertainment, Near Field Communication Antenna Test Control Value, Near Field Communication Antenna Test Ctrl Val Vert Position, Neck Heating Left Control Value, Neck Heating Right Control Value, Normal Level Enabling, Oil Level Warning Lamp, Oil Pressure Control Valve, Oil Pressure Regulation Valve, Oil Pressure Valve, Oil Pressure Valve VW Common Control State, Oil Temperature, Oil-Pressure Indicator Lamp, Online Service Transmiss. Config., Op And Disp A-C Rr Haptic FB Tst Ctrl Val, Op And Disp A-C Rr Speaker Tst Ctrl Val, Op And Disp Units For Air Conditioning Speaker Test Ctrl Value, Open Converter Clutch Control Value, Open Luggage Compartment Cover Control Value, Open Rear Lid Control Value, Open Sun Blind, Open Sunroof, Open The Rear Lid, Operating And Display Units For A-C Speaker Test Control Value, Operating Unit Button Illuminat., Operating Unit Illumination, Output 1 For Exterior Lighting Test Control Value, Output 10 For Exterior Lighting Test Control Value, Output 11 For Exterior Lighting Test Control Value, Output 12 For Exterior Lighting Test Control Value, Output 13 For Exterior Lighting Test Control Value, Output 14 For Exterior Lighting Test Control Value, Output 15 For Exterior Lighting Test Control Value, Output 16 For Exterior Lighting Test Control Value, Output 17 For Exterior Lighting Test Control Value, Output 18 For Exterior Lighting Test Control Value, Output 19 For Exterior Lighting Test Control Value, Output 2 For Exterior Lighting Test Control Value, Output 20 For Exterior Lighting Test Control Value, Output 21 For Exterior Lighting Test Control Value, Output 22 For Exterior Lighting Test Control Value, Output 23 For Exterior Lighting Test Control Value, Output 3 For Exterior Lighting Test Control Value, Output 4 For Exterior Lighting Test Control Value, Output 5 For Exterior Lighting Test Control Value, Output 6 For Exterior Lighting Test Control Value, Output 7 For Exterior Lighting Test Control Value, Output 8 For Exterior Lighting Test Control Value, Output 9 For Exterior Lighting Test Control Value, Output Anti Theft Alarm System Puls Signal Statevalues, Output Anti Theft Alarm System Static Signal Statevalues, Output Request Start Permisson Statevalues, Output Terminal 15 Statevalues, Output Terminal S Statevalues, Output Tests (03), Output Tracking Alarm Statevalues, Outside Warning Light/Door Exit Light Rear Right, Parallel Parking Assistance Indicator Lamp, Park Assist Activation Of Partner Control Units Control Value, Park Brk Mot Lt Closing Stepwise Park Brk Mot Lt Closing Stepw, Park Brk Mot Lt Closing Stepwise VW Com Ctrl St, Park Brk Mot Rt Closing Stepwise Park Brk Mot Rt Closing Stepw, Park Brk Mot Rt Closing Stepwise VW Com Ctrl St, Park Brk Motors Closing Stepwis Park Brk Motors Closing Stepwis, Park Lck Sol Tst Ctrl Val ENUM Park Lck Sol, Parked Wiper And Washer Jet Heating Test Control Value, Parking Aid Activation, Parking Aid Activation Control Value, Parking Aid Activation VW Common Control State, Parking Aid Button Indicator Light Test, Parking Aid Button Indicator Light Test Control Value 1, Parking Aid Button, (control Lamp): Actuation, Parking Aid Warning Chime, Parking Aid Warning Chime Front, Parking Aid Warning Lamp, Parking Aid Warning Lamp Control Value, Parking Aid Warning Lamp VW Common Control State, Parking Aid, Loudspeaker, Parking Aid: Activation, Parking Assistant Indicator Lamp, Parking Assistant Warning Lamp, Parking Assistant Warning Lamp Control Value, Parking Brake Button Led, Parking Brake Close (Activation), Parking Brake Close (Deactivation), Parking Brake Close Left (Activation), Parking Brake Close Right (Activation), Parking Brake Electric Motor Speed, Parking Brake Indicator Lamp, Parking Brake Motor Direction Of Rotation, Parking Brake

Motor Maximum Current, Parking Brake Motor PWM Pulse Duty Factor 1, Parking Brake Motors, Parking Brake Motors Closing Stepwise, Parking Brake Motors Parking Brake Motors, Parking Brake Warning Lamp, Parking Brk Mot Lt Closing Stepwise IO Ctrl Opt PK Brk Mot Lt C, Parking Brk Mot Lt Closing Stepwise PK Brk Mot Lt Closing Stepw, Parking Brk Mot Rt Closing Stepwise IO Ctrl Opt PK Brk Mot Rt C, Parking Brk Mot Rt Closing Stepwise PK Brk Mot Rt Closing Stepw, Parking Brk Motors Closing Stepwise IO Ctrl Opt PK Brk Motors C, Parking Brk Motors Closing Stepwise PK Brk Motors Closing Stepw, Parking Light Test 2 Control Value, Parking Light Test Control Value, Parking Lights, Parking Lights LED Module Control Circuit Left, Parking Lights LED Module Control Circuit Right, Parking Lights Left, Parking Lights Left Front, Parking Lights Right, Parking Lights Right Front, Parking Lock Solenoid Activation VW Common Control State, Parking Lock Solenoid Test Parking Lock Solenoid Test, Parking Steering Ass. Indic. Lamp, Parking-Aid Indicator Lamp, Particulate Filter Fault Lamp, Particulate Filter Indicator Lamp, Pass Actual Ambient Temp Value Input Output Ctrl Parameter, Pass Actual Ambient Temperature Value Angle Type, Pass Actual Ambient Temperature Value Control Value On Off, Pass.side Window Lifter, Closing, Pass.side Window Lifter, Opening, Passenger Airbag Off Display, Passenger- Airbag-Off Display Control Onoff, Passenger Side Multi-Contour Seat: Functional Test, Pause Display, Permanent Driving Lights Test Control Value, Pilot lamp for pre-glow time, Piston Cooling Jet Control Valve, Piston Cooling Jet Control Valve VW Common Control State, Piston Cooling Jet Solenoid Valve, Pixel Error Test, Pixel Failure Test Control Value, PODS Serial Number, Position Front Window Wiper Test Control Value, Positioning Mot Air Recirculation Flap VW Com Ctrl St, Positioning Mot Center Lt Vent Flap VW Com Ctrl St, Positioning Mot Center Rt Vent Flap VW Com Ctrl St, Positioning Mot Indirect Vent Flap VW Com Ctrl St, Positioning Mot Lt FW Flap VW Com Ctrl St, Positioning Mot Lt FW Temp Flap VW Com Ctrl St, Positioning Mot Lt Sd Vent Flap VW Com Ctrl St, Positioning Mot Lt Temp Flap VW Com Ctrl St, Positioning Mot Rr Lt Air Vol Flap VW Com Ctrl St, Positioning Mot Rr Lt Temp Flap VW Com Ctrl St, Positioning Mot Rr Rt Air Vol Flap VW Com Ctrl St, Positioning Mot Rr Rt Temp Flap VW Com Ctrl St, Positioning Mot Rr Temp Flap VW Com Ctrl St, Positioning Mot Rt FW Flap VW Com Ctrl St, Positioning Mot Rt FW Temp Flap VW Com Ctrl St, Positioning Mot Rt Sd Vent Flap VW Com Ctrl St, Positioning Mot Rt Temp Flap VW Com Ctrl St, Positioning Motor For Defroster Flap, Positioning Motor For Fresh Air Flap, Positioning System Display Test Control Value, Positioning System Overvoltage Protection Control Value, Positionlight Test Controlstate Data 2, Power Latching System Short Test Control Value, Power Latching System Test Control Value, Power Operated Convertible Roof Valve 1, Power Operated Convertible Roof Valve 1 Control Value On Off, Power Operated Convertible Roof Valve 2, Power Operated Convertible Roof Valve 2 Control Value On Off, Power Operated Convertible Roof Valve 3, Power Operated Convertible Roof Valve 3 Control Value On Off, Power Operated Convertible Roof Valve 4, Power Operated Convertible Roof Valve 4 Control Value On Off, Power Operated Convertible Roof Valve 5, Power Operated Convertible Roof Valve 5 Control Value On Off, Power Operated Convertible Roof Valve 6, Power Sockets Control Test Control Value, Power Supply Cradle On Off Test, Power Supply LMS Left Control Value, Power Supply LMS Right Control Value, Powermeter Display Test, Preheating Indicator Lamp, Premium Testbild 1, Premium Testbild 2, Premium Testbild 3, Pressure Build-Up, Pressure Memory Test, Pressure Reservoir Check, Pressure Reservoir Ventilation/Bleeding, Pressure Reservoir Ventilation/Filling, Pressure Test, Priority Veh Eng Cont Op Tst Ctrl Val Ind Light, Priority Veh Eng Cont Op Tst Ctrl Val Rel, Priority Veh Eng Cont Op Tst Ctrl Val Term 15 Bridge, Priority Veh Rad Trans Tst Ctrl Val 0 Rad, Priority Veh Rad Trans Tst Ctrl Val Ind Light, Priority Veh Rad Trans Tst Ctrl Val Sup V, Priority Vehicle Weapons Box Test Control Value, Ps Belt Buckle Illumination, PTC 1500W Sollwert, PTC Heating Element 1, PTC Heating Element 1 VW Common Control State, PTC Heating Element 2, PTC Heating Element 2 VW Common Control State, PTC Heating Element 3 VW Common Control State, Pulse-wheel test, Pump 1 Refrigerant Circulation Test Input Output Ctrl Parameter, Pump 2 Refrigerant Circulation Test Input Output Ctrl Parameter, Pump And Valves Valve Backrest Left Side Deflate, Pump And Valves Valve Backrest Left Side Inflate, Pump And Valves Valve Backrest Right Side Deflate, Pump And Valves Valve Backrest Right Side Inflate, Pump

And Valves Valve Deflate, Pump And Valves Valve Lower Lumbar Support Deflate, Pump And Valves Valve Lower Lumbar Support Inflate, Pump And Valves Valve Massage 1, Pump And Valves Valve Massage 10, Pump And Valves Valve Massage 2, Pump And Valves Valve Massage 3, Pump And Valves Valve Massage 4, Pump And Valves Valve Massage 5, Pump And Valves Valve Massage 6, Pump And Valves Valve Massage 7, Pump And Valves Valve Massage 8, Pump And Valves Valve Massage 9, Pump And Valves Valve Middle Lumbar Support Deflate, Pump And Valves Valve Middle Lumbar Support Inflate, Pump And Valves Valve Seat Left Side Deflate, Pump And Valves Valve Seat Left Side Inflate, Pump And Valves Valve Seat Length 1 Inflate, Pump And Valves Valve Seat Length 2 Inflate, Pump And Valves Valve Seat Length 3 Inflate, Pump And Valves Valve Seat Right Side Deflate, Pump And Valves Valve Seat Right Side Inflate, Pump And Valves Valve Upper Lumbar Support Deflate, Pump And Valves Valve Upper Lumbar Support Inflate, Pump For All Wheel Drive Electronic Valve 1, Pump For All Wheel Drive Electronic Valve 2, Pump For All Wheel Drive Electronic Voltage Value, Push Button Leds Control Value, PWM Signal Belt, Quiescent Current Analysis, Radiator Blind, Radiator Fan, Radiator Fan 1, Radiator Fan 2, Radiator Fan Actuation, Radiator Fan Actuation 1, Radiator Fan Actuation 2, Radiator fan control 1 start parameter, Radiator fan control 2 start parameters, Radiator Fan Relay 1, Radiator Fan Relay 2, Radiator Roller Blind Control VW Common Control State, Radiator Shutter Control, Radiator Shutter Control 2, Radiator Shutter Control 2 VW Common Control State, Radiator Shutter Control 3, Radiator Shutter Control 3 VW Common Control State, Radiator Shutter Control 4, Radiator Shutter Control 4 VW Common Control State, Radiator Shutter Control Control Value On Off, Radiator Shutter Control Input Output Control Parameter, Radiator Shutter Control VW Common Control State, Rail Pressure Reduction, Range Display Test, Re. Temp. Door Positioning Motor, Read Configuration, Reading Lights, Rear Acoustic Signal Frequency, Rear Acoustic Signal Volume, Rear Air Diffus Positioning Motor Control Value On Off, Rear Air Recirculation Flap Positioning Motor Ctrl Value On Off, Rear Axle Damper Ventilation/Bleeding, Rear Axle Damper Ventilation/Filling, Rear Blower Activation Control Value On Off, Rear Blower Activation Input Output Control Parameter, Rear Blower Activation Setpoint, Rear Centre Belt Catch Lighting, Rear Dr.side Pw: Closing Signal, Rear Dr.side Pw: Open Signal, Rear DS Door Trim Ambient Light., Rear Exhaust Gas Flap, Rear Fog Light, Rear Footwell Lights, Rear Indicator Lamp, Rear Left ABS Inlet Valve Control Value On OFF, Rear Left ABS Inlet Valve Rear Left ABS Inlet Valve, Rear Left ABS Inlet Valve VW Local Control State, Rear Left ABS Outlet Valve Control Value On OFF, Rear Left ABS Outlet Valve VW Local Control State, Rear Left Abs Solenoid Valve, Rear Left Air Spring Valve, Rear Left Belt Catch Lighting, Rear Left Damp.adj.val.curr. Hard, Rear Left Damp.adj.val.curr. Soft, Rear Left Lock Motor, Rear Left Loudspeaker Control Value, Rear Left Seat Ventilation, Rear Left Temperature Flap Positioning Motor Ctrl Value On Off, Rear Lid Connection Test Control Value Orientation Value, Rear Lid Power Latching System, Rear Lid Power Latching Test Control Value, Rear Light Test Control Value, Rear Light Trailer Left Test Control Value, Rear Light Trailer Right Test Control Value, Rear Parking Aid Loudspeaker, Rear Parking Aid Loudspeaker Control Value, Rear Parking Aid Loudspeaker VW Common Control State, Rear Pass.side Pw: Closing Signal, Rear Pass.side Pw: Open Signal, Rear PS Door Trim Ambient Light., Rear Rght.damp.adj.val.curr. Hard, Rear Rght.damp.adj.val.curr. Soft, Rear Right ABS Inlet Valve Control Value On OFF, Rear Right ABS Inlet Valve Rear Right ABS Inlet Valve, Rear Right ABS Inlet Valve VW Local Control State, Rear Right ABS Outlet Valve Control Value On OFF, Rear Right ABS Outlet Valve VW Local Control State, Rear Right Abs Solenoid Valve, Rear Right Air Spring Valve, Rear Right Belt Catch Lighting, Rear Right Lock Motor, Rear Right Loudspeaker Control Value, Rear Right Seat Ventilation, Rear Right Temperature Flap Positioning Motor Ctrl Value On Off, Rear Roller Blind Test Control Value, Rear Spoiler, Rear Spoiler Indicator Light Test Control Value, Rear Spoiler Position Test Control Value, Rear Sunroof: Close/Lower, Rear Sunroof: Open/Raise, Rear Temperature Flap Positioning Motor Control Value On Off, Rear Washing Test Control Value, Rear Window Heater, Rear Window Roller Blind Motor, Rear Window Washer Pump, Rear Window Wiper Switch Illumination Bulb Control Value, Rear Windshield Unlocking Control Circuit, Rear Wiper, Rear-Window Defogger, Recirculating Pump, Recirculation Valve VW Common Control

State, Red Function Lamp Control State, Red Indicator Lamp Control Value On Off, Red Warning Lamp Control State, Red Warning Lamp Control Value On Off, Reductant Pump, Reductant Pump Control Value Reductant Pump State, Reductant Pump VW Common Control State, Reference Segment Control Matrix Headlamp, Reference Segment Control Matrix Headlamp Control Value, Refrigerant Compressor, Refrigerant Expansion Valve 1 Test Control Value On Off, Refrigerant Expansion Valve 1 Test Input Output Ctrl Parameter, Refrigerant Expansion Valve 2 Test Control Value On Off, Refrigerant Expansion Valve 2 Test Input Output Ctrl Parameter, Refrigerant Expansion Valve 3 Test Control Value On Off, Refrigerant Expansion Valve 3 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 1 Test Control Value, Refrigerant Shut Off Valve 1 Test Control Value On Off, Refrigerant Shut Off Valve 2 Test Control Value, Refrigerant Shut Off Valve 2 Test Control Value On Off, Refrigerant Shut Off Valve 3 Test Control Value On Off, Refrigerant Shut Off Valve 3 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 4 Test Control Value On Off, Refrigerant Shut Off Valve 4 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 5 Test Control Value On Off, Refrigerant Shut Off Valve 5 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valves Dynmc Test Inp O-P Ctrl Parameter, Refrigerant Shut Off Valves Dynmc Tst Comp Pow Lim 1, Refrigerant Shut Off Valves Dynmc Tst Compressor Pow Limitation, Refrigerant Valves Supply Voltage Test Control Value On Off, Regulating Flap Control Unit / Motor, Relay Cooler Fan 1, Relay Cooler Fan 2, Relay Electric Coolant Pump VW Common Control State, Relay For High Heat Output, Relay For High Heating Output, Relay For Low Heat Output, Relay For Low Heating Output, Relay For Prefeed Pump, Relay For Pump, Fuel Cooling VW Common Control State, Relay Secondary Air Pump, Release Both Brakes Control State, Release Both Brakes Control Value On Off, Release Left Brake Control State, Release Left Brake Control Value On Off, Release Right Brake Control State, Release Right Brake Control Value On Off, Rem Cen Lck Tst Ctrl Val VW Com Ctrl St, Remote Balance Control Control Value, Remote Balance Control Soundposition, Remote Control Status Control Value, Remote Control Test Control Value Indicator Light, Remote Control Test Control Value Supply Voltage, Remote Freq Selection DAB Band III Ctrl Value Freq DAB Band 3, Remote Frequency Selection AM Control Value, Remote Frequency Selection AM Frequency AM, Remote Frequency Selection DAB Band III Frequency DAB Band 3, Remote Frequency Selection DAB Band L Frequency DAB L Band, Remote Frequency Selection FM Control Value, Remote Frequency Selection FM Control Value Frequency FM, Remote Frequency Selection FM Frequency FM, Remote Set AF Control Value State, Remote Set AF State, Remote Set Bass Sound Settings, Remote Set DAB Announcement Control Value Alarm, Remote Set DAB Announcement Control Value Area Weather Flash, Remote Set DAB Announcement Control Value Event Announcement, Remote Set DAB Announcement Control Value Financial Report, Remote Set DAB Announcement Control Value News Flash, Remote Set DAB Announcement Control Value Programs Info, Remote Set DAB Announcement Control Value Road Traffic Flash, Remote Set DAB Announcement Control Value Special Event, Remote Set DAB Announcement Control Value Sport Report, Remote Set DAB Announcement Control Value Transport Flash, Remote Set DAB Announcement Control Value Warning Service, Remote Set DAB Linking Control Value Mode, Remote Set DAB Linking Mode, Remote Set DAB Mute Control Value DAB Mute, Remote Set DAB Mute DAB Mute, Remote Set DRC DRC State, Remote Set Dyn ZF State, Remote Set GALA, Remote Set GALA Gala State, Remote Set Hidden Tune Control Value Hidden Tune, Remote Set Hidden Tune Hidden Tune, Remote Set Highcut State, Remote Set Lband L Band Selection, Remote Set Loudness, Remote Set Loudness State, Remote Set Middle Sound Settings, Remote Set Mute Mute State, Remote Set Phase Diversity On Off Tuner, Remote Set Sound Settings Set Bass, Remote Set Sound Settings Set Middle, Remote Set Sound Settings Set Treble, Remote Set TP Control Value State, Remote Set TP State, Remote Set Treble Sound Settings, Remote Source Selection Control Value, Remote Source Selection Control Value Source Selection, Remote Source Selection Source Selection, Remote Start KI 15 Request Control Value, Remote Start Or Pre Conditioning Relay Control Value, Remote Voice Control Control Value Speech Dialog State, Remote Voice Control Speech Dialog State, Remotes KL 15-Anfo Von FFB Einscha (High-P Ctrl Val, Req 48V V Converter Tst Ctrl Val Set Pnt V, Req

Hi V Converter Tst Ctrl Val Set Pnt V, Req Starter Gen Tst Ctrl Val excitation current limit, Req Starter Gen Tst Ctrl Val Generator Set Voltage, Request Alternator Test Control Value Excitation current limit, Request Cleaning Laser Scanner Test Control Value, Requested Alternator Test Control Value Cut-out Speed, Requested Alternator Test Control Value generator set voltage, Requested Alternator Test Control Value Shutdown, Requested Alternator Voltage 15,0V Control Value, Requested Starter Gen Test Ctrl Value Exciter current limit, Reserve Fuel Lamp, Reserved VW Common Control State, Reset Hv Charge Cable Mating Cyc., Retract Function Light Operating Button, Retract Mirror, Reversing Light, Reversing Light Test Control Value, Reversing Light Test Control Value Side Selection, Reversing Light Test Control Value Start Parameter, RGB1 LKL1 Actuator Diagnosis Control Value LED, RGB1 LKL2 Actuator Diagnosis Control Value LED, RGB2 LKL1 Actuator Diagnosis Control Value LED, RGB2 LKL2 Actuator Diagnosis Control Value LED, Ri. Dayt.driv./side Light Led Power Mod., Ri. Lgt. Distr.: Aut. Main Beam, Ri. Lgt. Distr.: Country R. Light, Ri. Light Distr.: Light/dark Lim., Ri. Light Distr.: Motorway Light, Right B-Pillar And Footwell Shut Off Flap Mot Ctrl Value On Off, Right Cornering Light: Dimming, Right Daytime Driving Light, Right Daytime Driving Light Bulb 2, Right Daytime Driving/side Light, Right Footwell Flap Positioning Motor Control Value On Off, Right Head Area Heating, Right Indirect Ventilation Flap Motor Control Value On Off, Right Light Distr.: Urban Light, Right Main Beam Screen, Right Rear Light, Right Rear Upper Body Vent Motor Control Value On Off, Right Sd Light/dayt. Driv. Light Bulb 2, Right Side 2nd Row Actuator Test Precrash Pretensioner, Right Side Actuator Test Precrash Pretensioner, Right Side Light: 1, Right Side Light: 2, Right Side Vent Motor Control Value On Off, Right Static Cornering Light, Right Temperature Flap Control Motor Control Value On Off, Right Temperature Flap Control Motor Setpoint, Right Temperature Flap Control Motor Sollwert, Right Temperature Flap Ctrl Mot Input Output Control Parameter, Right Valve For Engine Bearing, Right Window Defroster Flap Positioning Motor Ctrl Value On Off, Roller Test Bench Mode, Rolloverbars, Rolloverbars Control Onoff, Roof Beam Audio Test Control Value, Roof Blind Test Control Value Direction Of Movement, Roof Blinds Decalibration, Roof Blinds: Close, Roof Blinds: Open, Roof Contour Lighting Test Control Value, Roof Marker Light, Roof Roller Blind Test Control Value, Rr Air Recirculation Flap Positioning Mot Ctrl Val On Off, Rr Lt Temp Flap Positioning Mot Ctrl Val On Off, Rr Rt Temp Flap Positioning Mot Ctrl Val On Off, Rt B-Pillar And FW Shut Off Flap Mot Ctrl Val On Off, Rt Footwell Temperature Flap Positioning Mot Ctrl Value On Off, Rt FW Temp Flap Positioning Mot Ctrl Val On Off, Rt Win Defroster Flap Positioning Mot Ctrl Val On Off, RTA Warn Signal Control Value, Safe Indicator Light, Safety/Deadbolt Locks Activation, SCR Heating Devices, SCR Heating Devices 2, SCR Heating Devices 2 Control Value Param Scr Heating Devices 2, SCR Heating Devices 2 Param Scr Heating Devices 2, SCR Heating Devices 2 VW Common Control State, SCR Heating Devices 3, SCR Heating Devices 3 Control Value Param Scr Heating Devices 3, SCR Heating Devices 3 VW Common Control State, SCR Heating Devices Control Value Param Scr Heating Devices, SCR Heating Devices Param Scr Heating Devices, SCR Heating Devices VW Common Control State, SCR Metering Valve, SCR Metering Valve 2 VW Common Control State, SCR Metering Valve VW Common Control State, SCR Reverse Valve, SCR Reverse Valve VW Common Control State, SCR Transfer Pump, SCR Transfer Pump Param Scr Transfer Pump, SCR Transfer Pump VW Common Control State, Search Illumination, Search Illumination Operating Button, Search Lighting For Operating Elements Test Ctrl Value On Off, Seat And Surface Heatings Test Control Value, Seat Angle Adjustment, Seat Backrest Fan 1 Left Control Value, Seat Backrest Fan 1 Rear Left Test Control Value, Seat Backrest Fan 1 Rear Right Test Control Value, Seat Backrest Fan 1 Right Control Value, Seat Backrest Fan 2 Left Control Value, Seat Backrest Fan 2 Rear Left Test Control Value, Seat Backrest Fan 2 Rear Right Test Control Value, Seat Backrest Fan 2 Right Control Value, Seat Backrest Heating Left Test Control Value, Seat Backrest Heating Left Test Input Output Control Parameter, Seat Backrest Heating Right Test Control Value, Seat Backrest Heating Right Test Input Output Control Parameter, Seat Cushion Fan 1 Left Control Value, Seat Cushion Fan 1 Rear Left Test Control Value, Seat Cushion Fan 1 Rear Right Test Control Value, Seat Cushion Fan 1 Right Control Value, Seat Cushion Fan 2 Left Control Value, Seat Cushion Fan 2 Rear Left Test Control Value,



Seat Cushion Fan 2 Rear Right Test Control Value, Seat Cushion Fan 2 Right Control Value, Seat Cushion Heating Left Test Control Value, Seat Cushion Heating Left Test Input Output Control Parameter, Seat Cushion Heating Right Test Control Value, Seat Cushion Heating Right Test Input Output Control Parameter, Seat Depth Adjustment, Seat Depth Adjustment Test Control Value, Seat Fore-And-Aft Adjustment, Seat Heating, Seat Heating Enabling, Seat Heating Entire Test Control Value, Seat Heating Entire Test Input Output Control Parameter, Seat Heating Front Left Setpoint, Seat Heating Front Left Test Control Value, Seat Heating Front Right Setpoint, Seat Heating Front Right Test Control Value, Seat heating level Rear LED indicator Seat heating Hi, Seat Heating Rear, Seat Heating Rear Left, Seat Heating Rear Left Control Value On Off, Seat Heating Rear Left Input Output Control Parameter, Seat Heating Rear Left VW Common Control State, Seat Heating Rear Right, Seat Heating Rear Right Control Value On Off, Seat Heating Rear Right Input Output Control Parameter, Seat Heating Rear Right VW Common Control State, Seat Heating Release Test Control Value, Seat Height Adjustment Test Control Value, Seat Height Adjustment Test Direction Of Movement, Seat Height Adjustment, Front, Seat Inclination Adjustment Test Control Value, Seat Inclination Adjustment Test Direction Of Movement, Seat Longitudinal Adjustment Test Control Value, Seat Longitudinal Adjustment Test Direction Of Movement, Seat Movement Relay Disabling, Seat Position Normal, Seat Ventilation, Seat Ventilation Entire Test Control Value, Seating Position 2 Test Control Value, Seating Position 2 Test Control Value Display Unit Adjustment, Seating Position 2 Test Control Value Display Unit Adjustment 2, Seating Position 2 Test Control Value Folding Headrest, Seating Position 2 Test Control Value Footrest Adjustment, Secondary Air Control Val. (bank2), Secondary Air Control Valve, Secondary Air Injection Relay, Secondary Air Injection Relay 2, Secondary Air Injection Relay 2 VW Common Control State, Secondary Air Injection Relay VW Common Control State, Secondary Air Injection Solenoid Valve, Secondary Air Injection Valve, Secondary Air Injection Valve 2, Secondary Air Injection Valve 2 VW Common Control State, Secondary Air Injection Valve VW Common Control State, Secondary Air Pump Relay, Secondary Air Relay, Segment Test, Segment Test Colour, Segment Test Control Value Colour, Segment Test Control Value On Off, Segment Test Kopie Von, Segment Test VW Common Control State, Segmenttest, Sel Lvl Rng Disp Ctrl Val ENUM Sel Lvl Rng Disp, Selector Lever Lock, Selector Lever Range Display Actuation, Self Test Belt Microphones Control State, Self Test Ground Cabling Control Value Currentsource, Send Current Map, Send Reference Map, Sensor For Fine Dust Content Pump Test Control Value, Sensor For Fine Dust Content Valve Test Control Value, Servotronic Steering: Full Assistance, Servotronic Steering: No Assistance, Set Convertible Roof Position Control Value On Off, SH Front Left, SH Front Right, Shft Lck Act Transversal Tst Ctrl Val ENUM Man Lane Lck, Shft Lck Sol Tst Ctrl Val (Shift Lck Sol Test) ENUM Shiftlock, Shift Drum Motor Position Shift Position, Shift Lock Control Value, Shift Lock Solenoid Test Shift Lock Solenoid Test, Shift Valve 2 Refrigerant Test Control Value On Off, Short Brake Apply Left Control State, Short Brake Apply Left Control Value On Off, Short Brake Apply Right Control State, Short Brake Apply Right Control Value On Off, Shut Off Valve For Refrigerant Test Control Value On Off, Shutter Control Value, Side Light Left 2 Test Control Value, Side Light Left Test Control Value, Side Light Right 2 Test Control Value, Side Light Right Test Control Value, Side Light Test 2 Control Value, Side Light Test Control Value, Side Marker Front Left Test Control Value, Side Marker Front Right Test Control Value, Side Marker Light Blub Front Left, Side Marker Light Blub Front Right, Side Marker Light Rear Left, Side Marker Light Rear Right, Side Marker Light Test Control Value, Side Shades Motor, Side Window Blind Test Control Value, Side-Blinkers Bulb Left, Side-Blinkers Bulb Right, Side-Marker Lamp, Left Front, Side-Marker Lamp, Right Front, Sidemarker Test Controlstate Data 2, Sig Sys LED Tst Ctrl Val Additional Keypad Btn 10, Signal Horn Control Circuit, Signal System Led Test Control Value Additional Keypad Button 1, Signal System Led Test Control Value Additional Keypad Button 2, Signal System Led Test Control Value Additional Keypad Button 3, Signal System Led Test Control Value Additional Keypad Button 4, Signal System Led Test Control Value Additional Keypad Button 5, Signal System Led Test Control Value Additional Keypad Button 6, Signal System Led Test Control Value Additional Keypad Button 7, Signal System Led Test Control Value Additional Keypad

Button 8, Signal System Led Test Control Value Additional Keypad Button 9, Signal System Led Test Control Value Colour, Signature Light Test Control Value, SIH Rear Left Control Value, SIH Rear Left Control Value 1, SIH Rear Right Control Value, SIH Rear Right Control Value 1, SIL Rear Left (LLR LS1 Li) Control Value, SIL Rear Left(LLR LL1 Li) Control Value, SIL Rear Right (LLR RL1 Re) Control Value, SIL Rear Right (LLR RS1 Re) Control Value, Siren Changeover Test Control Value, Siren Test Control Value, SL Front Left, SL Front Right, Sliding Roof Function Request Disable, Sliding Sunroof Opening, Sliding Sunroof Test 2 Control Value Direction Of Movement, Sliding Sunroof Test Control Value, Solenoid Valve Boost-Press. Control, Solenoid Valve Exhaust Recirclatn 2, Solenoid Valve Exhaust-Gas Recirc., Solenoid Valve/exhaust Flap 1, Solenoid Valve/exhaust Flap 2, Sounder Control Value On Off, Sounder In Dash Panel Insert, Speaker Left Test Control Value, Speaker Right Test Control Value, Special Function II, Special Functions, Speed Change Of Mirror Adjustment Motor Test Control Value, Speed Indicator, Spindle Actuator Of Engine Decoupler VW Common Control State, Srch Lightng Op Elements Tst Ctrl Val On Off, Start Valid Authentication, Start Valid Authentication Control Value, Start/stop Indicator Lamp, Static Cornering Light Left: Down/Dim, Static Cornering Light Left: Up/Bright, Static Cornering Light Right: Down/Dim, Static Cornering Light Right: Up/Bright, Static Cornering Light Test Control Value Side Selection, Static Cornering Light Test Control Value Start Parameter, Static Cornering Lighting Test 2 Control Value, Static Cornerlight Test Controlstate Data 2, Static Headlight Range Control Test Control Value, Static Test, Stationary Cornering Lamp, Status Report Transmission Test Control Value, Steering Column Adjust. Downwards, Steering Column Adjustm. To Front, Steering Column Adjustm. To Rear, Steering Column Adjustm. Upwards, Steering Wheel Heating, Steering Wheel Heating (2), Steering Wheel Vibration, Steering Wheel Vibration Control Value, Stellmotor B-SäUle-Fuß Links Hinten Intervallbetrieb, Stellmotor B-SäUle-Fuß Links Hinten Klappenposition, Stellmotor B-SäUle-Fuß Rechts Hinten Intervallbetrieb, Stellmotor B-SäUle-Fuß Rechts Hinten Klappenposition, Stiffness Test Control Value, Stopwatch, Subwoofer, Subwoofer Speaker Control Value, Sunroof Decalibration Front, Sunroof Decalibration Rear, Sup V 2 Ctrl Motors Air Cond Tst Ctrl Val, Sup V 2 For Ctrl Motors Of Air Condition Test Control Value, Sup V Ctrl Motors Air Cond Tst Ctrl Val, Sup V O-P Depth Discharge Protected Tst Ctrl Val, Sup V O-P On Actd Term 15 Tst Ctrl Val, Sup Voltage For Ctrl Motors Of Air Condition Test Control Value, Supercharger Magnetic Clutch, Supp. Heater Heating Element 2, Supplem. Heater Heating Element 1, Supplem. Heating Pump Actuation, Supplementary Heater, Supply Voltage Camera Test Control Value, Supply Voltage For Air Condition Sensors Test Control Value, Suppress Mirror Glare, Surface Heating Entire Test Control Value, Swinging Logo Test, Swinging Logo Test Control Value 1, Swirl Flap, Swirl Flap Actuator, Swirl Flap Positioner 1, Swirl Flap Positioner 2, Switch and Instrument Lighting, Switch Between Antennas, Switch Control Control Value Status Switch, Switch Search And Functional Lights Entire Test Control Value, Switchable Water Pump, Switchable Waterpump, Switchable Waterpump VW Common Control State, Swivel Motor: Deploy, Swivel Motor: Initialization, Swivel Motor: Retract, System Adjustment, System Adjustment Control Value, System Check For Boosting Function Control Value Onoff, System function test, System Function Test Control Value, System Function Test Deactivation, System Functional Test, System Identification, Tachometer, Tail Lights Left, Tail Lights Right, Taillights, Tank Characteristic (Fuel Level Sensor 3), Tank Characteristic (Fuel Level Sensor 4), Tank Flap, Tank Flap Locking: Actuation, Tank Flap Release, Tank Flap Test Sequence 1 Control Value, Tank Leak Unit Solenoid Valve, Tank Leakage Diagnosis Pump, Taxi Alarm Test Control Value Can Signal, Taxi Alarm Test Control Value Indication Light, Taxi Alarm Test Control Value Roof Sign, Taxi Roof Sign Test Control Value Indication Light, Taxi Roof Sign Test Control Value Roof Sign, TCS And ESP Indicator Light Test Control Value, Temperature Flap Control Motor, Temperature Flap Control Motor Control Value On Off, Temperature Flap Control Motor Setpoint, Temperature Flap Motor Left, Temperature Flap Motor Right, Temperature Flap Rear Control Motor Setpoint, Temperature Flap Rear Control Motor Sollwert, Temperature Flap Rear Ctrl Motor Input Output Control Parameter, Temperature Flap Servomotor: Left, Temperature Flap Servomotor: Right, Terminal 30 Interior Lighting Test Control Value, Terminal 30 Output Pin10 Test

Control Value, Terminal 30 Output Pin9 Test Control Value, Terminal 30G Relay, Terminal 58s, Terminal 58st, Terminal 58xs Test Control Value, Terminal 58xt Test Control Value, Test Accumulator And Compressor Control Value Onoff, Test Announcement, Test Distance Line In Display Control Value, Test Diverse Viewing Modes Control Value, Test Drive Activation, Test Drive Deactivation, Test Image In Middle Display, Test Images, Test Images Control Value, Test Mode, Test picture in center display, Test Screen, Test Sound, Test Voice Prompt, Testbild Im Mitteldisplay, Testbild Schachbrettmuster, Testbild Schachbrettmuster Invers, Testing Signal Audio, Testing Signal Audio Alternating, Theft Protection, Theft Protection Control Option, Theft Protection Control Value, Throttle Actuator, Throttle Body Module Control Circuit, Throttle Valve, Throttle Valve 1, Throttle Valve 1 VW Common Control State, Throttle Valve 2, Throttle Valve 2 VW Common Control State, Throttle Valve Control Module, Throttle Valve Control Unit, Throttle Valve, Bank 1, Tire Pressure Monitoring, Tiredness Detection Switch Off / On, Topview Camera Cleaning Request Control Value 1, Topview Camera Display Test Control State, Torque Converter Clutch, Torque Demand Left Level 1, Torque Demand Left Level 2, Torque Demand Left Level 3, Torque Demand Right Level 1, Torque Demand Right Level 2, Torque Demand Right Level 3, Tourist Mode, Trailer Articulation Angle Sensor Function Test Control Value, Trailer Back-Up Lights, Trailer Brake Control Actuation Actuator Test Control Value, Trailer Brake Lights, Trailer Brake Lights Left, Trailer Brake Lights Right, Trailer Fog Lights Rear, Trailer Hitch Indicator Lamp 2 Actuator Test Control Value, Trailer Hitch Indicator Lamp Actuator Test Control Value, Trailer Hitch Pop Up Test Control Value, Trailer Hitch Power Pivoting In Actuator Test Control Value, Trailer Hitch Power Pivoting Out Actuator Test Control Value, Trailer Hitch Pull In Test Control Value, Trailer Hitch Unlock Test Control Value, Trailer Tail Lights, Trailer Tail Lights Left, Trailer Tail Lights Right, Trailer Turn Signals Left, Trailer Turn Signals Right, Transm. Oil Cooler Bypass Valve, Transmission Coolant Valve, Transmission Mount 1, Transmission Mount 1 VW Common Control State, Transmission Mount 2, Transmission Mount 2 VW Common Control State, Transmission Oil Pump Activation VW Common Control State, Transmission Power Test VW Common Control State, Transmission Power Test VW Common Control State 1, Transmission Power Test VW Common Control State 2, Transmission Power Test VW Common Control State 3, Transmission Power Test VW Common Control State Signal Path, Transmission Power Test VW Common Ctrl State Transmission Power, Treble Bass Horn Test Control Value, Treble Speaker Front, Treble Speaker Front Left, Treble Speaker Front Right, Treble Speaker Rear, Treble Speaker Rear Left, Treble Speaker Rear Right, Trunk and Interior Lights, Trunk Light, Trunk Light Left, Trunk Light Right, Trunk Locking Module, Trunk Motor, Trunk Remote Unlocking, Turbine Sol. Valve Turbocharger2, Turboch. Recirc.-Air Sol. Valve, Turbocharger 1, Turbocharger Bypass Valve, Turbocharger Bypass Valve 2, Turbocharger Bypass Valve 2 VW Common Control State, Turbocharger Bypass Valve Control Circuit, Turbocharger Bypass Valve VW Common Control State, Turbocharger Control Unit 2, Turbocharger Control Valve, Turbocharger Control Valve 2, Turbocharger Control Valve 2 VW Common Control State, Turbocharger Control Valve VW Common Control State, Turbocharger Turbine Inlet Valve VW Common Control State, Turn Signal Front Left 2 Test Control Value, Turn Signal Front Right 2 Test Control Value, Turn Signal Lamp Acoustic Signal, Turn Signal Light Test Control Value, Turn Signal Side Left Test Control Value, Turn Signal Side Right Test Control Value, Turn Signals Left, Turn Signals Left Test Control Value, Turn Signals Right, Turn Signals Right Test Control Value, Turn Signals Test Control Value, Turn Signals Test Control Value Side Selection, Turn Signals Test Control Value Start Parameter, TV Camera Activation Request Control Value 1, Tweeter Speaker Front Left, Tweeter Speaker Front Left Control Value, Tweeter Speaker Front Right, Tweeter Speaker Front Right Control Value, Tweeter Speaker Motor Fr Right Ctrl Value Retractable Speaker, Tweeter Speaker Motor Front Left, Tweeter Speaker Motor Front Left Ctrl Value Retractable Speaker, Tweeter Speaker Motor Front Left Retractable Speaker, Tweeter Speaker Motor Front Right, Tweeter Speaker Motor Front Right Retractable Speaker, Tweeter Speaker Rear Left, Tweeter Speaker Rear Left Control Value, Tweeter Speaker Rear Right, Tweeter Speaker Rear Right Control Value, Underfloor Lighting Test Control Value, Unlock Charging Plug Test, Unlock Charging Plug Test Control Value, Upper Backrest Adjustment Test

Control Value, USB Functional Test, Vacuum Pump For Brakes Actuation Control Value On OFF, Valet Parking Indicator Lamp, Valet Parking Warning Lamp Control Value, Valve For Engine Mounting 1, Valve For Engine Mounting 2, Valve For Transmission Mounting 1, Valve For Transmission Mounting 2, Variable Intake Manifold, Variable Intake Manifold VW Common Control State, Variable Intake System, Veh Stabilization Prog SW Vlv 1 Ctrl Val On Off, Veh Stabilization Prog SW Vlv 1 VW Local Ctrl St, Veh Stabilization Prog SW Vlv 2 Ctrl Val On Off, Veh Stabilization Prog SW Vlv 2 VW Local Ctrl St, Vehicle Conditioning, Vehicle Inclination Sensor Indicator Lamp, Vehicle Lowering Front Left, Vehicle Lowering Front Right, Vehicle Lowering Rear Left, Vehicle Lowering Rear Right, Vehicle Stabilization Program Switch Valve 1 Ctrl Value On OFF, Vehicle Stabilization Program Switch Valve 2 Ctrl Value On OFF, Vehicle Starter Interlock Control Value, Vehicle Starter Interlock Vehicle Starter Interlock, Vehicle Velocity Signal Test Control Value Pullup Resistor, Video Signal Test Input Output Control Parameter, Visual Comfort Operation/Closing Confirmation, Volume Control Valve 1 VW Common Control State, Volume Control Valve 2 VW Common Control State, Wakeup Cable Activation Of BCM, Warning Beeper, Warning Beeper Control Value Tonauswahl, Warning Beeper Warning Beeper, Warning Buzzer, Warning Lamp, Warning Lamp For Adaptive Light Test Control Value, Warning Lamps, Warning Lamps Control Value, Warning Message, Warning Signal Charging Level In Percent, Warning Signal Control Value Premonition Level, Warning Tone Generator, Washer Fluid Level Indicator Lamp, Washer Jet Heating Test Control Value, Washer Jet Heating Test Input Output Control Parameter, Wastegate, Wastegate Solenoid Valve, Wastegate VW Common Control State, Water Cooling Bypass Vlv Charge Air Cooling VW Com Ctrl State, Water Mixing Act Chrg Air Cooling VW Com Ctrl St, Water Mixing Actuator Charge Air Cooling VW Common Ctrl State, Water Mixing Actuator VW Common Control State, Water Pump Setpoint, Water Valve Setpoint, Wheel Speed Sensor Test Executiontime, Wheel Speed Sensors Index Error Test Control Value Axle, Wind Deflector Movement Control Value Direction Of Movement, Wind Frame Latch Direction Selection, Window Head Up Display Test Control Value, Window Regulator Front Down Actuation Time, Window Regulator Front Down Start Parameter, Window Regulator Front Up Actuation Time, Window Regulator Front Up Start Parameter, Window Regulator Long Drop Position Control Value, Window Regulator Lowering, Window Regulator Motor, Window Regulator Raising, Window Regulator Rear Down Actuation Time, Window Regulator Rear Down Start Parameter, Window Regulator Rear Up Actuation Time, Window Regulator Rear Up Start Parameter, Window Regulator Test Driver Side Front Control Value, Window Regulator Test Driver Side Rear Control Value, Window Regulator Test Passenger Side Front Control Value, Window Regulator Test Passenger Side Rear Control Value, Window Shade Motor Rear, Window Wiper Front Position Test Control Value, Window Wiper Front Test Control Value, Window Wiper Front Test Control Value Wiper Cycles, Window Wiper Front Test Control Value Wiping Level, Window Wiper Module Rear Test Control Value, Window Wiper System Rear Test Control Value, Windscreen Heater For Camera, Windscreen Heater For Camera Control Value, Windscreen Heater For Lane Departure Warning, Windscreen Heating Control Value, Windscreen Heating Input Output Control Parameter, Windscreen Wiper: Position, Windshield Washer Jet Heating, Windshield Washer Pump, Windshield Washer Pump Front, Windshield Washer Pump Rear, Windshield wiper, Windshield Wiper Heater Element, Washer Jet Heater, Windshield Wiper Motor, Windshield Wiper Motor Stage 1, Windshield Wiper Motor Stage 2, Wiper Interval Rear, Wiper: Upper Reverse Point, Woofer Speaker Front Left, Woofer Speaker Front Left Control Value, Woofer Speaker Front Right, Woofer Speaker Front Right Control Value, Woofer Speaker Rear Left, Woofer Speaker Rear Left Control Value, Woofer Speaker Rear Right, Woofer Speaker Rear Right Control Value, Yellow Function Lamp, Yellow Indicator Lamp For Lane Departure Warning, Yellow Indicator Lamp For Lane Departure Warning Control Value, Yellow Lane Keep.ass. Indic. Lamp, Yellow Warning Lamp Control State, Yellow Warning Lamp Control Value, Yellow Warning Lamp Control Value On Off, Yellow Warning Lamp Control Value VW Common Control State

## **BMW/Mini Coverage**

- Added coverage for 47 new system applications

### **286 new Adjustment type special tests:**

A/C compressor run-in protection, Activate electric fuel pump, Activate HUD, Activate intelligent alternator control, Activate Parking Brake After Pad Replacement, Activate power steering, Activate Vehicle Mode, Activate/Deactivate Start/Stop Function, Activate/Deactivate Transportation Mode, Activate/Stop/Status DSC Bleeding(HL), Activate/Stop/Status DSC Bleeding(HR), Activate/Stop/Status DSC Bleeding(Prepare), Activate/Stop/Status DSC Bleeding(VL), Activate/Stop/Status DSC Bleeding(VR), Adaptation (10) / Long Adaptation (0A), Adaptation for Lambda control, Adaptation Of Idle Speed, Adaptation of immobilizer, Adaptation thermostat map, Adapting Of Control Motors, Adaption Function Reset, Adjust Fuel Consumption Display Correction Factor, Adjust Wastegate Linkage, Adjusting The Electromotive Throttle Controller, Air Mix Flap Initialization, Air Spring Struts Installation/Removal, Airbag Configuration, Alarm Horn Adjustment, Ambient lighting adaptation, Ambient lighting: Automatic addressing, Analog Paddle Reset, Assembly Position Of Window Lifters, Assistance Driving Light Activation/Deactivation Delay, Audible Locking Confirmation, Audible Unlocking Confirmation, Auto. setting air damper control motors, Auto-Lock, Autom. transm. adaptation values reset, Automatic transmission control unit reset, Automatic transmission oil level check, Auto-Unlock, Auxiliary Battery (24V EPS) Exchange, Average consumption display correction, Balance Value Of LL (idle) Program, Basic Setting, Basic Settings (04), Battery Exchange Register, Battery Replacement, Bleed, Bleed Cooling System, Bleed Fuel System, Bluetooth Activate/Deactivate, Bluetooth interface activation/deactivation, Brake Fluid Flush Reminder (CBS) Reset, Brake Pedal Pos. Sensor Zero Pos. Compensat., Calibrate Acceleration Sensor, Calibrate Stepper Motors, Calibration Run of the Flap Motors, Camera functional test, CAN Learning Messages Reset, Central electronics control unit reset, Charge air suspension struts, Classic Memory Reset, Clearing Adaptation Values, Coding Data Reset Control, Comfort Operation (via Remote Control), Comfort Turn Signals (Cycles), Coming Home Activation Time, Commissioning Electric Parking Brake, Composition of High-volt Battery Unit: Read\_Out Serial Number, Control unit re-start, Controller Coding (07), Deactivate HUD, Deactivate intelligent alternator control, Deactivate Parking Brake For Pad Replacement, Deactivate Transportation Mode, Delete Adaptations, Delete the personal profile, Diesel Particulate Filter Regeneration, Diesel particulate filter regeneration run, Diesel Particulate Filter Register Replacement, Disassembly position of window lifters, Display And Reset Adaptation Values, Drain air spring struts, Drain Fuel Tank, Driver's Door Power Window Regulator Initialisation, Driving Dynamics Sensor Adjustment, DSC Brake Bleed Procedure, ECU Reset, EGR valve mounting position, Electrical Steering Column Adjustment - Partial Normalization, Electrical Steering Column Adjustment Normalization, Electrical Steering Column Adjustment Standardization, EPS: Steering Start-Up, Exhaust flap adaptation, Exhaust Gas Analysis Maintenance Reset, Exhaust Gas Recirculation Valve Basic Setting, Exterior mirror test, Factory Mode, Fill/Empty Pressure Accumulator, First initialization, Footwell Lighting Dimming (With Open Door), Footwell Lighting Dimming (with Terminal 58d), Front Axle Air Spring Struts Test, Front Brake Pad Wear Indicator Reset, Front Driver/Pass Door Power Window Regulator Initialization, Front Left Air Spring Strut Test, Front Passenger's Door Power Window Regulator Initialisation, Front Right Air Spring Strut Test, Fuel Consumption Display Adjustment, Head Restraint Adjustment, Headlight Washer Activation Delay, Head-up display test, Heating and AC Functions: Drain/Fill the Refrigerant Circuit, High-pressure pump adaptation, High-voltage Battery:Read-Out History of Last Charg Procedure, HV Battery Charge, HV Battery Control Unit Initialization, HVAC: Installation Position of Flap Motors, ICM Sensor Adjustment, Idle Adjustment, Idle Speed Adjust, Inclination Sensor Sensitivity, Initialise puncture indicator, Initialization Of Both Front Window Lifters, Initialization Of Both Rear Window Lifters, Initialize New Fuel Pump, Injector Quantity

Adjustment, Injector quantity analysis 4-cylinder engine, Injector quantity analysis 6-cylinder engine, Inspection/Service Interval Reset, Instrument cluster: Date/time configuration, Interior Monitoring Sensitivity, Keyless entry: Deactivate/activate, Knock Sensor Adaptation, Learn Steering End Stop, Learned Values Reset, Learning of valve lift control end stops, Leaving Home Time, LIN-bus Reset, Load Regulation Adaptation, Log-in(11) Adaptation(10), Log-in(11) Basic Settings(04), Log-in(11) Controller Coding(07), Log-in(11) or Coding II(11), Main beam assistant system self-test, Manual trailer coupling Initialisation, Microfilter Reset, Mixture Adaptation, Move to exhaust flap installation position, Move to fitting position, MSA Starter Exchange/Reset, MSA: System Check, Neutral Learning Mode, Neutral position detection, Neutral position initialization, Neutral Position Sensor Adapting, Newly Address The Air Distribution Flap Motors, Octane number adjustment 95 RON, Octane Rating Adaptation, ODPF Offset Value, Oil Service Reset, Particle Filter Exchange, Particle Filter Replacement, Passenger Seat Normalization, PDC Sensor Functional Test, Perform Control-module Reset, Program idling speed, Rain Sensor Initialization, RDC Initialization, Read airbag igniter circuits status, Read identification of control units, Read out fuel quality counter, Read Out Measured Values For Automatic Transmission, Rear axle adaptation values reset, Rear Axle Air Spring Struts Test, Rear Brake Pad Wear Indicator Reset, Rear Driver/Pass Side Door Pwr Window Regulator Initialization, Rear Left Air Spring Strut Test, Rear Lid Basic Setting, Rear Right Air Spring Strut Test, Rear Window & Outside Mirror Heater Activation Time, Registration starter exchange, Remote Control Adaptation, Replace Injector1, Replace Injector2, Replace Injector3, Replace Injector4, Replace refrigerant, Reset Adaptation Parameters, Reset Adaptation Value, Reset Adaptation Values, Reset adaptation values air mass system, Reset after changing NOx sensor, Reset after diesel partic. filter replacement, Reset Auxiliary Heater Start Inhibit, Reset CAN adaptation values, Reset clutch adaptation values, Reset Control Unit, Reset Cooling Media Compressor Gen. 2.0, Reset EGR Adaptation Values, Reset electric fuel pump adaptation values, Reset Flywheel Adaption Values, Reset Fuel Minimum Quantity Adaption, Reset idle adaptation, Reset Injector Adaptation Values, Reset knock control adaptation, Reset Lambda Sensor Adaptation Values, Reset Learned CAN Message, Reset Learning Function, Reset load adaptation, Reset mixture adaption, Reset puncture indicator, Reset Rear Axis and Learned Can Message, Reset Start/Stop Counter, Reset Starter Lock, Reset Steering Angle Calibration, Reset Steering Angle Offset Values, Reset steering wheel paddles, Reset swirl flap control adaptation values, Reset The Production Mode For The Fuel Pump Control Module, Reset Tone Setting, Reset transfer case oil wear data, Reset transmission adaptation values, Reset Transmission Adaption Values, Reset uneven running segment times, Reset VVT minimum lift adaptation, Resetting adaptation values start/stop pct., Resistances of airbag igniter circuits, Seat belt fastening assistance adaptation, Seat Control Unit Initialization, Seat Occupancy Detection, Front Passenger, Selective (Single) Door Locking, Selector lever control unit reset, Sensor Unit Zero Position Compensation, Service Requirement Reset, Settings, Slide/Tilt Sunroof Initialization, Spark duration diagnosis, Spark duration diagnosis - 4 Cylinder, Spark Plug Maintenance Reset, Start Auto-address for Flap Motors, State Inspection Reminder Reset, Steering Angle Initialization, Steering Angle Sensor Adjustment, Steering Basic Setting, Steering column adjustment adaptation, Steering column adjustment initialisation, Steering Column Reset Counter For All Blocked Movements, Store Vehicle Reference Level, Suction jet pump activation, Teach-in Exhaust Flap Or Move It Into Installation Position, Test of transmission parking lock, Throttle Valve Adaptation, Throttle Valve Basic Setting, TPMS/RDC - Reset Production Mode, Trailer coupling initialisation, Transfer Box - Calibration, Transfer Box - Replace Control Unit, Transfer Box (VTG): Replace Control Unit, Transfer Box Oil Change, Transfer Box: Repair, Transfer Case Calibration, Transfer case oil change, Transfer case type encoding, Transm. oil check after TC/mechatr. repl., Transmission - Oil Level Adjustments, Transmission flush function, Transmission oil level indicator, Transmission position P adaptation, Transmission setting adaptation, Transportability High-voltage Battery Unit: Electric Assessment, Turbocharger adjustment, Valve current adapting, Valve lift control end stop run-in, Valvetronic Limit Position Learning Mode, Valvetronic Running-in Phase, VANOS Adaptation, Variable camshaft timing adaptation, Variable tract

intake manifold adaptation, Visual Comfort Operating/Closing Confirmation, Visual Locking Confirmation, Window lifter motors: Adapting, Window Lifter Standard Initialization, Windshield Wiper Service Position Adjustment, Zero Speed Learning

### **396 new Actuation type special tests:**

ABS Pump Activation Test (5 seconds), AC Compressor, AC Control Panel Button - ALL, AC Control Panel Button - Auto Left, AC Control Panel Button - Auto Right, AC Control Panel Button - DEFROST, AC Control Panel Button - GBL Minus Left, AC Control Panel Button - GBL Minus Right, AC Control Panel Button - GBL Plus Left, AC Control Panel Button - GBL Plus Right, AC Control Panel Button - HHS, AC Control Panel Button - KLIMA, AC Control Panel Button - LV Left, AC Control Panel Button - LV Right, AC Control Panel Button - MAX AC, AC Control Panel Button - UML AUC, Acoustic Sensor(Buzzer), Activate SDARS, Activate/Stop/Status DSC Pulse Valves(AVHL&AVHR), Activate/Stop/Status DSC Pulse Valves(AVVL&AVVR), Activate/Stop/Status DSC Pulse Valves(EVHL&EVHR), Activate/Stop/Status DSC Pulse Valves(EVVL&EVVR), Actuate of the Blower Output Stage, Actuation, Electric Fuel Pump, Actuator Test, Additional EGR Cooler Bypass, Additional Water Pump for Low-temperature EGR Circuit, Air Flow Control 2, Air Suspension Sensor Initialization, Air Valve, Air Valve 2, Alarm System Emergency Power Siren, Alarm System Light-Emitting Diode, Audio system self test, AutoHold LED Control, Automatic Engine Stop Disable, Backrest Adjustment, Backrest Adjustment: Width, Backrest Head Adjustment, BDC Terminal\_15 (de-)activation, Black Test Card, Blinkers, Blower at 80%, Blue Test Card, Boost Pressure Plate 1 Trigger, Boost Pressure Regulator 1, Boost Pressure Regulator 2, Brake Light, Brake Lights, Brake Line Mix-up test, Button LED, Check Antennas, Close Slide / Tilt Sunroof (SHD), Close Sliding Head Liner (ESH), Close The Rear Lid, Clutch Function Test, Clutch Function Test With Delete Angle, Compressor Clutch, Control Auxiliary Fan, Control Flap Motor Addressing - Direction of Movement, Control Flap Motor Addressing - Emergency Activation, Control Flap Motor Addressing - Emergency Run Limit Position, Control Tank Ventilation Valve, Control The Electric Cooling Fan, Control Valve In A/C Compressor, Controlled Air Flow Control, Coolant System Ventilation, Cooling System Ventilation, Cornering Light, Crank Case Vent Heater, Cruise Control Marking Test, Deactivate Hard Disk Protection Mode, Defroster Flap 100%, Defroster Flap at 0%, Delete Coupled Bluetooth Devices, Determining The Injector, Diagnosis Module, Tank Leakage : Heating, Diagnosis Module, Tank Leakage : Pump, Diagnosis Module, Tank Leakage : Valve, Dim mirror, Display Control Test - Bit Pattern 1, Display Control Test - Bit Pattern 2, Display Control Test - Bit Pattern 3, Display Control Test - Bit Pattern 4, Display Control Test - Bit Pattern 5, Display Control Test - Bit Pattern 6, Display Control Test - Bit Pattern 7, Display Control Test - Bit Pattern 8, Display Test, Door Interior Handle Illumination, Driver Seat Normalization, Dynamic-Pressure Flap at 0%, Dynamic-Pressure Flap at 100%, E-Box Fan Control, EGR Bypass Flap, Electric Coolant Pump, Electric Fan Actuation, Electric Fan Relay, Electrical Fan, Electronic Parking Brake - Start-up, Electronic Parking Brake Service Mode Activation, Electronic Parking Brake Service Mode Deactivation, Electronic Ride Height Control (EHC): Ride Height Sensors, Emergency Loudspeaker Test, Ended All Actuators Started with Diagnostic, Engine Malfunction Lamp, Engine Oil Quantity, ESP Test, Evaluate the Battery State of Charge, Exhaust Flap, Exhaust Gas Recirculation, Exterior Mirror Self Test, Exterior mirror: System self-test, FBM 1 Sensoric Test, FBM 1 Test, FBM 2 Sensoric Test, FBM 2 Test, FBM 3 Sensoric Test, FBM 3 Test, FBM 4 Sensoric Test, FBM 4 Test, FBM 5 Sensoric Test, FBM 5 Test, FBM 6 Sensoric Test, FBM 6 Test, FBM 7 Sensoric Test, FBM 8 Sensoric Test, FBM 8 Test, FKA Blower, Flap Motor Opening - Bel Left, Flap Motor Opening - Bel Left Middle, Flap Motor Opening - Bel Left Outside, Flap Motor Opening - Bel Right, Flap Motor Opening - Bel Right Middle, Flap Motor Opening - Bel Right Outside, Flap Motor Opening - Defrost, Flap Motor Opening - Fan, Flap Motor Opening - FL Fan, Flap Motor Opening - FL Stau, Flap Motor Opening - Left Foot, Flap Motor Opening - Left Layer, Flap Motor Opening - Left Rear Foot, Flap Motor Opening - Left Rear Layer, Flap Motor Opening - Right Foot, Flap Motor Opening - Right Layer, Flap Motor Opening - Right Rear Foot, Flap Motor Opening - Right Rear Layer, Flap Motor Opening - STAU Pressure, Fog

Lights, Fold/Unfold Mirrors, Footwell Flap, Front Left, at 0%, Footwell Flap, Front Left, at 100%, Footwell Flap, Front Right, at 0%, Footwell Flap, Front Right, at 100%, Footwell Flap, Rear Left, at 0%, Footwell Flap, Rear Left, at 100%, Footwell Flap, Rear Right, at 0%, Footwell Flap, Rear Right, at 100%, Fresh Air and Recirculated Air Flap at 0%, Fresh Air and Recirculated Air Flap at 100%, Front Blower, Front Door Power Windows Regulator Initialisation, Front Driver Side Power Window Close, Front Driver Side Power Window Open, Front Left Seat Heater Button, Front Left Seat Heating, Front Passenger Side Power Window Close, Front Passenger Side Power Window Open, Front Right Seat Heater Button, Front Right Seat Heating, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Injector 5, Fuel Injector 6, Fuel Pressure Regulator, Fuel Pump, Fuel Pump (EKPS) Activation - 120 L/hr, Fuel Pump Activation - Full Load, Fuel Pump Reset, Fuel Pump Timeout, Fuel Quality Recognition, Fuel Tank Ventilation Valve, Functional Display, Gear Change Idle Speed Activation, Green Test Card, Headlight Washer System, High Pressure Compressor Bypass 1, High Pressure Pump Relay, High Voltage Safety Status, High-Beam Headlights, Horn, Horn Relay, HUD Full Brightness, HV Battery Isolation Test, IBS Current Measurement Control, IHKA Indicator Lights, Illumination (LED AC Max) Control, Illumination (LED AC) Control, Illumination (LED All) Control, Illumination (LED AUC) Control, Illumination (LED Auto Left) Control, Illumination (LED Auto Right) Control, Illumination (LED Defrost) Control, Illumination (LED HHS) Control, Illumination (LED Left Seat Heating 1) Control, Illumination (LED Left Seat Heating 2) Control, Illumination (LED Left Seat Heating 3) Control, Illumination (LED Right Seat Heating 1) Control, Illumination (LED Right Seat Heating 2) Control, Illumination (LED Right Seat Heating 3) Control, Illumination (LED UML) Control, Injector (1-3) off (Engine Running Injector KILL Test), Injector (1-4) off (Engine Running Injector KILL Test), Injector (1-6) off (Engine Running Injector KILL Test), Injector (1-8) off (Engine Running Injector KILL Test), Injector (7-12) off (Engine Running Injector KILL Test), Injector B1 (1-4) off (Engine Running Injector KILL Test), Injector B2 (5-8) off (Engine Running Injector KILL Test), Instrument Cluster Self Test, Insulation Test of Cooling Media Compressor - Active High-Side, Insulation Test of Cooling Media Compressor - Active Low-Side, Interior Lighting, Issue Front PDC Signal Tone, Lambda Probe Heating Before Kat (Bank1), Lambda Probe Heating Before Kat (Bank2), Locator Lighting, Lock All Doors, Lock and Enable, Low-Beam Headlights, Lower Slide / Tilt Sunroof Glass (SHD), LWR Reference Run, Malfunction Indicator Lamp Test, MIL Lamp, Mirror Heating, Mixed Air Flaps at 0%, Mixed Air Flaps at 100%, Most 3DB, Motor Fan, Move SMC left to bottom left, Move SMC left to bottom right, Move SMC left to top left, Move SMC left to top right, Move SMC right to bottom right, Move SMC right to top left, Move SMC right to top right, MSA2 DEAK SAV, Normal Sleep Mode, No-Signal Test Screen, OBD Readiness Values 2, Oil Change QMVH, Oil Pressure Control, Oil Pressure Control Trigger, Oil Pressure Valve (Regulated Oil Pressure System) Control, Open and Close Radiator Blind, Open rear lid contact switch, Open Slide / Tilt Sunroof glass (SHD), Open Sliding Head Liner (ESH), Open Tailgate ( Tailgate Lock Must Be Open), Outlet Valve Rear Right, Output Check Control Gong, Output Tests (03), Oxygen Sensor Heater Bank 1 Sensor 1, Oxygen Sensor Heater Bank 1 Sensor 2, Oxygen Sensor Heater Bank 2 Sensor 1, Oxygen Sensor Heater Bank 2 Sensor 2, Park Distance Control, Parking Brake Lock Test, Parking brake run-in, Parking Brake: Initial Operation, Parking Brake: Workshop Mode, Power Down, Pulse-wheel test, Pump Control, Quantity control valve HDP5, Raise Slide / Tilt Sunroof glass (SHD), Read actual electric fuel pump, Read Configuration, Read HVB Serial Numbers, Read Out Battery Status, Read Service Needs, Re-Address, Rear center sun blind, Rear Driver and Passenger Window Regulator Initialization, Rear Driver Side Power Window Close, Rear Driver Side Power Window Open, Rear Driver's Door Power Window Regulator Initialisation, Rear Fog Light, Rear left sun blind, Rear Lift / Lower Sequence, Rear Passenger Door Power Window Regulator Initialisation, Rear Passenger Side Power Window Close, Rear Passenger Side Power Window Open, Rear Passenger's Door Power Window Regulator Initialisation, Rear right sun blind, Rear window lifter: Close, Rear window lifter: Open, Rear Wiper, Red Test Card, Release of Manual Shift Gate, RL window lifter open and close, RR window lifter open and close, Run in Protection for A/C Compressor, Seat Adjustment/Seat Angle Down, Seat Adjustment/Seat Angle Up, Seat Cushion Extension, Seat Fore-And-



Aft Adjustment, Seat Height Adjustment, Front, Seat Ventilation Left Button, Seat Ventilation Right Button, Service Function Measured Data Wheel Electronics, Servo Motor And Clutch Actuation, Set Front Footwell Flaps to 0%, Set Front Footwell Flaps to 100%, Set Front Stratification Flaps to 0%, Set Front Stratification Flaps to 100%, Set Temperature on AC Control - Left, Set Temperature on AC Control - Right, Set the Running-in Protection for Air-condition Compressor, Set Voltage BSD, SHZH Dosing Pump, SHZH Fuel Warm-Up, SHZH Gluestift, Simulate Pressing The Audio Buttons - Eject, Simulate Pressing The Audio Buttons - Mode, Simulate Pressing The Audio Buttons - On/Off, Simulate Pressing The Audio Buttons - Search Left, Simulate Pressing The Audio Buttons - Search Right, Simulate Pressing The Audio Buttons - TP, Smooth running evaluation, Smooth running evaluation - 4 Cylinder, Solenoid Valve, Tank Ventilation, Sound damper, Speed Cooling Media Compressor, Start Relay, Start Station Search, Start Up High Voltage Battery, Start-up EDC, Station Search For Strongest TV Channel, Steering Wheel Vibration, Stepper Motors Self Test, Stratification Flap, Front Left, at 0%, Stratification Flap, Front Left, at 100%, Stratification Flap, Front Right, at 0%, Stratification Flap, Front Right, at 100%, Stratification Flap, Rear Left, at 0%, Stratification Flap, Rear Left, at 100%, Stratification Flap, Rear Right, at 0%, Stratification Flap, Rear Right, at 100%, Supply Injection, Ignition Relay HDPI, Suppress Mirror Glare, Switch Info Display Off/On, Switch ON / OFF Night Vision Camera Lens Heater, Switch ON / Switch OFF Person Recognition, Switch On/Off Radio Data System, Switch On/Off Traffic Reports, System Identification, System Self-Test, System Test, Tail Lights, Tank Ventilation Valve Actuation, Temporary Activation and Temporary Deactivation, Test Card, Test CD/DVD ejection, Test Screen, Test Tone With 10,000 Hz, Test Tone With 100 Hz, Test Tone With 1000 Hz, Thermostat Control, Throttle Control, Throttle Valve, Throttle Valve, Bank 2, Time Controlled Sleep Mode, Tuner Frequency 88.9 MHz, Turbocharger Coolant Pump, Turn-Signal Indicator Light (Flashing To Indicate Defect), Turn-Signal Indicator Light (Normal Flashing), Unlock All Doors, Unlock Rear Lid, Variable Intake System 1, Variable Intake System 2, Ventilation Flap, Left, at 0%, Ventilation Flap, Left, at 100%, Ventilation Flap, Right, at 0%, Ventilation Flap, Right, at 100%, VTG Function Check, VVT (VANOS) Relief Relay, VVT Tests, Water Pump Control, Wheel Electronics - Warning and Calibration Data, Wheel Speed Sensor Functional Test, Wheel Speed Sensor Supply, Windscreen Washer Pump, Wiper end position test, Wiper Service Position

## ***Fiat Coverage***

### **8 new Actuation type special tests:**

EV Even Gear, EV Odd Gear, MPFA Query Routine, MPFA Select Routine, MPFA Validate Routine, Set Engine RPM, Test Pattern Display, Wiper Status

## ***Mercedes Benz Coverage***

- Added coverage for 147 new system applications

### **195 new Adjustment type special tests:**

Activate Showroom Mode, Activate The Function 'Tire Pressure Loss Warning', Activate/Deactivate Roller Dynamometer Mode, Activate/Deactivate Tire Pressure Check, Actuation Of Mixture Adaptation, Adapt/Matching After ECU Replacement, Adaptation Of Component 'Torque Converter Lockup Clutch', Adaptation Procedure For Torque Converter Lockup Clutch, Adaptation Via Engine Coolant Temperature, Adaptation Via Torque Ranges, Adaptation/ Matching After Control Unit Replacement, Adapting Of Control Motors, Adblue Pump Initialization, Adblue Tank Level Sensor Calibration, Adjustment Lag Time Audio Output, Air Cleaner Adaptation Values, Air Filter Reset, Anti-Pinch Protection Teach-in Process, Assignment Of Hydraulic Shift Elements, Assyst Plus Reinitialization, Automatic Setting Air Damper Control Motors, Axle Sensor Zero Point Programming, Basic Setting, Brake Pad Replacement Step 1 (Release), Brake Pad Replacement Step 2 (Close), Breaking-In Of

Refrigerant Compressor, Calibrate Control Unit ISM for Direct Select Module, Calibrate ECU (Intelligent Servo Module / DIRECT SELECT), Calibration Of Acceleration Sensor, Calibration Of Steering Angle Sensor, Calibration Of Touch-Sensitive Surface, Calibration Touchpad, Clear Confirmed Overall Maintenance, Coding Reset, Confirm Maintenance - 229.3 Oil, Confirm Maintenance - 229.5 Oil, Confirm Maintenance - Standard Oil, Confirmation Of Battery Change, Confirmation Of General Maintenance, Control Module Reset, Control Unit Calibration, Control unit re-start, Control Unit Run-On Time Adjustment, Correction Programming of Ignition, Current Menu Settings, Customer Request, Date And Time, Deactivation of Production Mode, Definition, Display And Reset Adaptation Values, DPF Learn, Drain Fuel Tank, DVC/DEC Microphone Calibration, ECU Reset, Enabling Of Engine Start After Crash Event, Enrich In Case Of Poor Fuel Quality, Enriching The Fuel-Air Mixture By 10%, Enriching The Fuel-Air Mixture By 23%, Entry Of Manufacture Date Of Headlamp, Fan Initiate/Stop, Front Control Motor Basic Settings, Fuel Pump Adaptation, Head Restraint Adjustment, Headlamp Range Adjustment, Headlight Binning (Replacement), Help, HFM adaptation reset, High Voltage Component Lock Engagement, High-Voltage Component Lock Disengagement, Important Information On Adaptation Limit Values, Increase Idle Speed With Range Engaged, Increase Idling Speed, Initial Startup, Initial Test/ Oil Condition Check/ Oil Level Check, Initialization After Crash, Initialize Transmission Shift Actuator, Injector Quantity Adjustment, Injectors Zero Point Learn, Level Calibration, Mixture Adaptation, Move To Calibrated Vehicle Level, New DPF - reset adaptation values, Normalization, Normalization of actuator motors, Normalization Of Power Window, Octane number adjustment 89 RON, Octane number adjustment 91 RON, Octane number adjustment 93 RON, Octane number adjustment 95 RON, Oil Grade Factor, Operating Hrs Ctr Reset-Parking, Standing, Daytime Running Lights, Pairing Audio/Command MBRACE (Internet Connection), Perform Calibration, Performing Adaptation Of Transmission Control, Pressure Regulator Valve Adjustment, Pressure Sensor Initialization, Program Remote Control, Radio Presets AM, Radio Presets FM, Read Adjust Value, Reduce Idling Speed, Reduce Idling Speed With Range Engaged, Refrigerant Compressor Run-In, Reinitialize the Active Service System (ASSYST), Reset Adaptation Parameters, Reset Adaptation Values Converter Clutch, Reset Adaptation Values for Shift Operation, Reset Adaption To Factory Setting, Reset After Oxidation Catalyst Replacement, Reset After Replacing Engine, Reset Air Mass Meter Adaptation Values, Reset Auxiliary Heater Start Inhibit, Reset Catalytic Converter Adaptation, Reset Circuit Adaptation Values, Reset Compressor Actuation History, Reset EGR Adaptation Values, Reset Frequency Counter, Reset Fuel Adaptation Parameters, Reset fuel quantity mean value adaptation, Reset Idle Speed in Gear, Reset Idling Speed To Factory Setting, Reset Injector Lift Compensation, Reset Lambda Sensor Adaptation Values, Reset Learned Values, Reset Mistaken General Maintenance, Reset Of Compressor Operating Time, Reset Of Function 'Ring memory', Reset Of Mixture Adaptation Values, Reset Operated Hour Counter Headlamp, Reset Operating Hours Counters Of LF Headlamp Unit, Reset Operating Hours of Front Fan Motor 1, Reset Operating Hours of Front Headlight, Reset Operating Hours Of Left Front Lamp Unit Fan Motor 2, Reset reverse gear adaptations, Reset Steering Wheel Angle Sensor Adaptation Values, Reset throttle valve adaptation values, Reset Transmission Adaption Values, Reset Vacuum Pump Actuation Counter, Resetting Adaptation Values, Resetting Learned Values 'Deceleration Mode', Resetting Of Assignment Of Control Unit To Vehicle Side, Resetting Of Service-Interval Display, Resetting Reading Of Frequency Counter For Ethanol, Resetting the Component (Right front lamp unit fan motor 2), Resetting The Operating Hours Counter Of Left Xenon Headlamp, Resetting The Operating Hours Counter Of Right Xenon Headlamp, Resetting The Service Life Data Of Automatic Transmission, Resetting The Service Life Data Of Torque Converter, Restore Calibration, SDR Clear History Get Position Start, Selector Sensor Learning, Sensor Unit Calibration, Service Interval Display Reset, Service Interval Reset Faulty, Service Requirement, Soft ECU Reset, Solenoid Valve Calibration, Special Settings, Start Control Unit Reset, Status Of Teach In Processes, Store Vehicle Reference Level, Sun Roof Initialization, Suspension Level Calibration, Swivel-Type Trailer Coupling Initialization, Teach In Of Positions For Camshafts, Teach In Of Throttle Valve Stop, Teach In Sensor

Rotor Adaptation, Teach-in After Replacement Of 'AdBlue® Metering Valve', Teach-In Of Actuator Motors, Teach-In Of Actuator Motors After Actuator Motor Replacement, Teach-in Of Drive Authorization System, Teach-in of Position Sensor of Park Pawl, Teach-in Of Selection Range Sensor, Teach-in Process After Replacing The Combustion Engine, Teach-in The Component 'Electric Parking Brake', Teaching In the Ethanol Proportion In The Fuel, Throttle Valve Adaption, Tire Pressure Sensor Adaption, Tire Pressure Sensor Registration, Transfer Of Manufacturer Default Settings, Transmit VIN To Control Module 'Mbrace', Trunk Lid/Liftgate Control Unit, Turnoff The Solenoid Valve Of Torque Converter Lockup Clutch, Upshifts, Used DPF - Reset Adaptation Values, Valve Flushing, Variant Coding Reset, Warranty Or Goodwill Processing, Workshop Code, Write Adjust Value, Write Tire Pressure Sensor Id's, Write Tire Pressure Specified Values, Zero Position Adjustment, Zero Quantity Calibration, Zero Quantity Calibration For Injector Replacement

#### **479 new Actuation type special test:**

1st Seat Row/Trunk Refrigerator Box And Power Outlet Relay, 2nd Seat Row Cup Holder And Power Outlet Relay, A/C Water Valve, Activate LS, Activate Roller Dynamometer Mode, Activate The Demo Mode Of Exterior Lighting, Activated Charcoal Canister Shut-off Valve, Activated Charcoal Shut-Off Valve, Activation Of Fuel Pump, Activation: Armrest, Activation: Headrest, Activation: HH, Activation: HV, Activation: L, Active Curve Lighting, Active Curve Lighting With Steering Angle, Actuation of Actuator Motor In Position P,R,N And D, Actuation Of Fan, Actuation Of Fuel Pump, Actuation Of Function Illumination, Actuation of Individual Speakers, Actuation Of Speakers, Actuator Control, Actuator Motor Position, Adblue Circuit Leak Test, AdBlue Delivery Module Heating Element, AdBlue Delivery Pump, AdBlue Metering Valve, AdBlue Pressure Line Heating Element, AdBlue Reversing Valve, AdBlue Tank Heating Element, Air Conditioner Performance Test, Air Distribution Actuator Motor, Air Pump Relay, Airmatic Pressure Relief Valve, Airmatic Relay, All Speaker Tests, Ambient Lighting And Warning Lamp, Ambient Lighting in Cab and Center Console, Ambient Lighting In Cockpit, Ambient Lighting In Cockpit And Center Console, Ambient Lighting In Footwell, Ambient Lighting of the Rear Doors, Ambient Lighting Rear, Antenna Measuring Drive, Antenna Test, ASR operational check, Audio system self test, Automatic Light Test, Automatic Low Beam Test, AUX Jack, Back Light, Backrest Inclination Adjustment Test, Backup Camera, Blind Spot Assist, Blower Regulator / Blower Motor, Boost Pressure Control Pressure Transducer, Boost Pressure Positioner, Brake Lamp, Brake Lamp Switch Test, Brightness, Brightness Value LCD, Button Lighting, Button Lighting of MFL (Multifunction Steering Wheel), Buzzer/Chime, Camera Cover Control Module, Camera Cover Control Module : Self-Test, Center Brake Lamp, Center Vent Flap Positioning Motor, Central Instrument Panel Speaker, Central Locking, Central Locking Front Control, Charge Spring Accumulator, Charging Of Suspension Fluid Reservoir, Check Signal Line To Component "Audio Or COMAND", Check The CD/DVD Insert And Eject, Clear Alarm Sources, Clear Customer specific data, Closing Of Torque Converter Lockup Clutch, Color Display, Combustion Engine And A/C With Integrated Control Fan Motor, Combustion Engine And AC With Integrated Control Fan Motor, Compression Test, Coolant Circulation Pump, Coolant Pump Switchover Valve, Coolant Thermostat Heating Element, Cooling Fan Motor, Crankcase Ventilation Heater, Current time, Current Values - Service Information, Current Values, Service Information, Cylinder 1 Fuel Injector, Cylinder 2 Fuel Injector, Cylinder 3 Fuel Injector, Cylinder 4 Fuel Injector, Daytime Running Lamps, Deceleration Air Switchover Valve, Defogger Control, Defroster Flap Actuator Motor, Defroster/Footwell/Center Air Vent Flap Actuator Motor, Delete Control Unit Type, Denormalizing Power Window, Determination Of Number Of Receivable Radio Transmitters, Determination of receivable FM radio stations, Diagnostic Glowing, Display, Display Lighting, Display Of Adaptation Values, Display Of Coding Data, Display Of CVN, Display of Model Check Number, Display Of SCN, Display Pattern, Display Test, Display: Service, Door Handle Lighting for Rear Doors, Door handle lighting for the left rear door, Drive Position Selection, Driver Seat Backrest Inclination Adjustment Motor, Driver Seat Cushion Length Adjustment Motor, Driver Seat Forward/Backward Adjustment

Motor, Driver Seat Head Restraint Adjustment Motor, Driver Seat Height Adjustment Motor, Driver Seat Inclination Adjustment Motor, Driver Side Air Vent Ionizer, Duty Cycle Radiator Fan Duty Cycle, Dynamometer Mode ON/OFF, EGR Bypass Cooling, EGR Control, EGR Vacuum Transducer, Eject Button, Electric Air Pump, Electric Parking Brake, Electric Suction Fan, Electrical Self Test of microphones, Electronic Blower Regulator, Empty Fuel Tank, Engine AC Suction Fan, Engine and AC Fan (with Common Powertrain Controller), Engine and AC Fan (without Common Powertrain Controller), Engine Compartment Fuse And Relay Box, Engine Coolant Circulation Pump Test, Engine Diagnosis Indicator Lamp, Engine Fuse And Relay Module, Engine Oil Pump Valve, Engine Running Injector Kill Test, Exhaust Camshaft Solenoid, Exhaust Gas Recirculation Actuator, Exhaust Gas Recirculation Cooler Bypass Switchover Valve, Exterior Mirror Adjustment, External Fan, External Feed And Supply Voltage, EZS Transport Protection, Fan Self Test, Fan Test, Fan Tests, FBS Status, FBS Status Start, FBS3 Activation, FBS3 Deactivate Transport Protection, FBS3 Personalization, FBS4 Data00 Request Results, FBS4 Data01 Request Results, Fill Suspension Strut - Left Front, Fill Suspension Strut - Left Rear, Fill Suspension Strut - Right Front, Fill Suspension Strut - Right Rear, Folding Exterior Mirrors, Footwell Lamps, Footwell Lighting, Fresh Air Recirculated Air Flap Actuator Motor, Fresh Air/Ram Air/Recirculated Air Flap Actuator Motor, Fresh Air/Recirculated Air Flap Actuator Motor, Front End Blower, Front End Blower (Stage 1 to 4), Front Fog Lamp, Front Left Reading Light, Front Power Window, Front Right Reading Light, Front Roller Sun Blind, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Injector 5, Fuel Injector 6, Fuel Injector 7, Fuel Injector 8, Fuel Injectors, Fuel Pump, Fuel Pump Control, Fuel Pump Test, Function Keys, Functional Lighting, Gear Selector Switch Position Test, Glow Control, Hands Free System Microphone, High Pressure And Return Flow Pump, High-Beam Headlight, Left, High-Beam Headlight, Right, HU Runout Time, Illuminated Door Sill Moldings, Indicator Lamps, Injector 1, Injector 1 Disable, Injector 2, Injector 2 Disable, Injector 3, Injector 3 Disable, Injector 4, Injector 4 Disable, Injector 5, Injector 5 Disable, Injector 6, Injector 6 Disable, Injector 7, Injector 8, Injector Shutoff, Injectors Leak Test, Inlet Camshaft Solenoid, Inlet Port Shutoff Motor Test - Installed State, Inlet Port Shutoff Motor Test - Linkage Unhooked State, Inside Light DBE, Instrument Cluster Speaker, Instrument Display, Instrument Lighting, Intake Camshaft Solenoid, Intake Port Shut Off Actuator Motor, Intake Port Shutoff, Intelligent Light Spread, Interior Fuse Box, Interlock Control Module, Internal Fan, Keyless Go (KG) Key Search, Keyless Go (KG) System Test, Kueb Switch Off For Ignition, Lambda Sensor 1, LEDs, Left A - Pillar Air Distribution Actuator Motor, Left B - Pillar Air Distribution Actuator Motor, Left Blend Air Flap Actuator Motor, Left Bypass Air Switchover Valve, Left Center Air Vent Flap Actuator Motor, Left Corner. Light In Center Pos., Left Corner. Light, Right Swivel, Left Cornering Light, Left Swivel, Left Defroster Flap Actuator Motor, Left Exterior Mirror Turn Lamp, Left Footwell Flap Actuator Motor, Left Front Axle Damping Valve Unit, Left Front Headlamp, Left Front NR Valve, Left Front Reversible Emergency Tensioning Retractor, Left Front Speaker Group, Left Front Tire Pressure Sensor, Left Fuse And Relay Module, Left Inlet Camshaft Solenoid, Left Outlet Camshaft Solenoid, Left Rear Axle Damping Valve Unit, Left Rear Center Air Outlet Actuator Motor, Left Rear Door Lighting Switch, Left Rear Interior Lamp Unit, Left Rear Lamp Unit, Left Rear NR Valve, Left Rear Power Window, Left Rear Pressure Regulating Valve Pressure Release, Left Rear Speaker Group, Left Rear Tire Pressure Sensor, Left Side Air Vent Flap Actuator Motor, Left Tail Lamp, Left Turn Signal, License Plate Lamps, Liftgate Central Locking Motor, Lighting Control, Lighting Display Test, Lighting Of Component Direct Select Shift Lever, Lighting Of Component Trunk Lid Emergency Opening Switch, Lighting Of Component 'Trunk Lid/Liftgate Control Button', Loader Linkage Switch, Low Temperature Circuit Circulation Pump 1, Low Temperature Circuit Switchover Valve, Lower Left Blend Air Flap Actuator Motor, Lower Right Blend Air Flap Actuator Motor, Map Version Update Matrix, Memory Function, Microphone Array Selftest, Microphone Selftest, Microphone Self-Test, Mirror Dimming, Mirror Glass, Mirror Heater, Mixture Formation, Modulating Pressure Regulating Sol Valve, Motor Actuation in position D, Motor Actuation in position N, Motor Actuation in position P, Motor Actuation in position R, Motorway Light, Move Headl. Aim To Maximum Pos., Move Headl. Aim

To Minimum Pos., Move transmission to Neutral test, Multifunction Display, Muting, Navigation Module, No-Load Current Shot-Off Relay, Oil Change Data, Oil Level Check, Open Road Light, Outlet Camshaft Solenoid, Panoramic Sliding Sunroof, Park Distance Control, Park Distance Control Gong, Perfume Atomizer Generator, Personalize, Picture Display Test, Pointer Tests, Positive Temperature Coefficient (PTC) Heater Booster, Preinstalled NAVI Markets Request Results, Purge Control Valve, Purge Switchover Valve, Purging Switchover Valve, PWM Solenoid Valve, Quantity Control Valve, Rail Control, Rail Pressure Reduction, Ram Air Flap Actuator Motor, Read actual electric fuel pump, Read event memory, Read Key Data, Read Key Status, Read Service History, Read Service Needs, Rear Actuator Motor Blend Air Flap With Shutoff Function, Rear Air Distribution Flap Actuator Motor, Rear Doors, Rear Fog Lamp, Rear Fuse Box, Rear Parking System Warning Indicator, Rear Power Window, Rear Roller Sun Blind, Rear Seats, Rear Side Marker Lamps, Rear Window Heater Relay, Rear Window Roller Sun Blind Motor, Rear Window Wiper, Recalculation ASSYST PLUS, Reception Measurement, Refrigerant Compressor, Refrigerant Compressor Magnetic Clutch, Release Pressure In Suspension Strut - Left Front, Release Pressure In Suspension Strut - Left Rear, Release Pressure In Suspension Strut - Right Front, Release Pressure In Suspension Strut - Right Rear, Reserve Relay, Restart The MOST Ring, Result Of Self-Test, Return pump, Reversing Lamp, RF Power Window, Rght Corner. Light In Center Pos., Rght. Corner. Light, Right Swivel, Right A - Pillar Air Distribution Actuator Motor, Right B - Pillar Air Distribution Actuator Motor, Right Blend Air Flap Actuator Motor, Right Bypass Air Switchover Valve, Right Center Air Vent Flap Actuator Motor, Right Cornerg. Light, Left Swivel, Right Defroster Flap Actuator Motor, Right Exterior Mirror Turn Lamp, Right Footwell Flap Actuator Motor, Right Front Axle Damping Valve Unit, Right Front Headlamp, Right Front NR Valve, Right Front Reversible Emergency Tensioning Retractor, Right Front Speaker Group, Right Front Tire Pressure Sensor, Right Inlet Camshaft Solenoid, Right Interior Rear Lamp Unit, Right Outlet Camshaft Solenoid, Right Rear Axle Damping Valve Unit, Right Rear Lamp Unit, Right Rear NR Valve, Right Rear Power Window, Right Rear Speaker Group, Right Rear Tire Pressure Sensor, Right Side Air Vent Flap Actuator Motor, Right Tail Lamp, Right Turn Signal, Rotation Direction Of Component A40/9s11 (Audio/COMAND Ctrl), Routine Result Pending, RP LockOut, Sample Display, Seat Cushion Length Adjustment Motor, Seat Forward/Backward Adjustment, Seat Forward/Backward Adjustment Motor, Seat Height Adjustment, Seat Height Adjustment Test, Seat Inclination Adjustment, Segments On Speedometer, Self Test, Selftest, Set Factory Defaults, Set Function Mode: Control, Set Function Mode: Installation, Set Function Mode: Normal, Set Function Mode: Roll, Set Mode: Goods Receipt Check, Set Mode: Scroll Mode, Shift Lever Switch Position, Shift Pressure Regulating Sol Valve, Shift Transmission to N, Shift Valve 1-2 4-5, Shift Valve 2-3, Shift Valve 3-4, Side Marker Lamps, Signal Level, Signal Quality, Signal Transmission Test, Software version, Solenoid Test, Spray Nozzle Heating And Spray Nozzle Hose Heater, Spray Nozzle Hose Heater, Static Test, Status LEDs, Steering Column Adjustment, Steering Column In/Out Adjustment Motor, Steering Column Up/Down Adjustment Motor, Steering wheel heater, Steering Wheel Heater Indicator Lamp, Steering Wheel Vibration Motor, Sun Roof Function Test, Switch and Control Lamps - Trunk Lid Emergency Opening Switch, Switch And Controls Illumination, Switch and Controls lamp, Switch Lighting, Switch Off Incline Recognition For Dynamometer Mode, Switch On Display, Switch To Normal Mode, Symbol Illumination: Control, Symbol Lamp, Symbol Lamp (Audio/Comand Control Panel), System Self-Test, Tail Lamp/ Brake Lamp, Tail Lamps, Tailgate Control Button Light, Tank Cap Central Locking (CL/ZV) Actuator, Temperature Control Front Actuator Motor, Terminal 15R Relay, Terminal 30G Relay, Terminal 87 Status, Test CD/DVD ejection, Test CD/DVD Feed, Test Picture Display, Test Picture Display COMAND Online, Test slot for memory card, Test USB interface, Throttle Valve Actuator, Transmission Oil Cooler Pump, Trunk Lamps, Trunk Lid Control Drive Unit, Trunk Lid Lock Motor, Trunk Lid/ Liftgate Control Electric Motor, Trunk Lid/ Liftgate Control Warning Buzzer, Two Disk Thermostat Test, Upper And Lower Audio/COMAND Display Ambient Lighting, Upper Left Blend Air Flap Actuator Motor, Upper Right Blend Air Flap Actuator Motor, Urban Light, Variable Intake Manifold Switchover, Vehicle Interior Terminal 15 Relay, Vent Line Heating

Element, Wake-Up Wire, Warning Message, Windscreen Washer Pump, Windscreen Wiper, Windshield Washer System Pump, Wiper Blade Heater, Wiper Park Position Heater Relay, Wiring Test Of The Radio Antennas

## **Volkswagen Coverage**

- Added coverage for 525 new system applications

### **2597 new Adjustment type special tests:**

03 - Adaptation -J104- with Trailer Stabilization, 12 Volt Energy Management Reset Basic Setting, A/C Comfort Parameter For Start/Stop Function, A/C Compressor Adaptation, AAU CL Address, ABS Pumping Characteristic, Accepting Component List, Access EEPROM Value, Accumulator bleeding, Accumulator charging, Acknowledge Comfort Closing With Flashing Light, Activ./deactiv. Traffic Message Channel (TMC), Activate Display, Activate Gateway Control Unit Transport Mode, Activate Service Position, Activate shipping mode, Activate Showroom Mode, Activate/Deactiv. Pass.Compartm.Suppl.Heater, Activate/Deactivate Cruise Control, Activate/Deactivate Emergency Braking Flashing, Activate/Deactivate Emergency Warning Flashing, Activate/Deactivate Freeway Blinking, Activate/Deactivate Front Wiper Service Position, Activate/Deactivate Parking Lights, Activate/Deactivate Production Mode, Activate/Deactivate Roller Dynamometer Mode, Activate/Deactivate Start/Stop Function, Activate/Deactivate Water Droplet Removal, Activating CAirHt Logic, Activation Deactivation Of Popups For Active Tracking Services, Activation Of Bypassvalve Starting In Control Pause Threshold F, Activation Time Of Basic Adjustment Air Conditioner Compressor, Activation Time To Close Rear Lid With Remote Control, Activation Time To Open Rear Lid With Remote Control, Activation Tone Adjustment, Active Noise Cancellation EOL Test, Actuation Time To Open Rear Lid With Remote Control, Actuator Test Increment, Actuator Test Passes, Actuator Test Start Frequency, Actuator Test Stop Frequency, Adapt Automatic Rear Lid Locking At 5 km/h, Adapt Cardan Sync, Adapt Chain Lengthening after Eng Components Replacement, Adapt Chain Lengthening after Timing Chain Replacement, Adapt Chain Lengthening Diagnosis after ECM Replacement, Adapt Chain Lengthening with No Parts Replaced, Adapt Charge Air Pressure Actuator-After Component Replacement, Adapt Convenience Blinking Cycles, Adapt DPF Adaptation Values, Adapt Fuel Consumption Indicator, Adapt Fuel Gauge, Adapt Opening An Individual Door, Adapt Parking Light at Terminal 15, Adapt Signal Horn At Terminal 15, Adaptation - A/C System Start-Up Behavior, Adaptation - Activation Seat Ventilation, Adaptation - Activation Temperature Window Heater, Adaptation - After Heating Time Of Auxiliary Heater, Adaptation - After Run Time For Auxiliary Heater With A/C, Adaptation - Auxiliary Heating Retrofit Without CAN, Adaptation - Basic Setting Running Time For Compressor Break-In, Adaptation - Blower Reduction During Slow Driving, Adaptation - Compressor Activation In Efficiency Mode, Adaptation - Compressor Ratio For Torque Calculation, Adaptation - Duration Of Compressor Run-In, Adaptation - Electro Magnetic Tolerance Mode Of Actuator Motors, Adaptation - End Stops Of Position Sensors In Vents, Adaptation - End Values Of Position Sensors In Vents, Adaptation - Front Windshield Heater, Adaptation - Humidity Management, Adaptation - Interior Air Conditioning Status, Adaptation - Maximum Running Time For Pump After Run, Adaptation - MMI Display Time, Adaptation - MMI Display Time At Temperature Adjustment, Adaptation - MMI Display Unit For Rear Control, Adaptation - Reducing Window Condensation At High Air Humidity, Adaptation - Reset Adaptation Value Of Vent Position Sensors, Adaptation - Seat Heating Activation, Adaptation - Seat Ventilation Activation Level, Adaptation - Stop Enable For Start/Stop Function, Adaptation - Tolerance Range For Flap End Stops, Adaptation - Windshield Defogger Takeover, Adaptation (10) / Long Adaptation (0A), Adaptation Acknowledgement Comfort Locking, Adaptation Acoustic Feedback When Locking, Adaptation Acoustic Feedback When Unlocking, Adaptation - Activation Temperature Seat Heating, Adaptation -Activation Temperature Seat Ventilation,

Adaptation ATAS Alarm Delay, Adaptation Automatic Locking, Adaptation Automatic Unlocking, Adaptation Coming Home Function, Adaptation Country Setting Of Intelligent Alarm Horn, Adaptation Engine Temperature Management Actuator, Adaptation Feedback For Locking By A Key, Adaptation Feedback For Locking Via RRC, Adaptation Feedback For Unlocking Via A Key, Adaptation Feedback For Unlocking Via RRC, Adaptation Flashing Cycles For Convenience Turn Signal Feature, Adaptation Headlamp Washer System, Adaptation Inclination Sensor Sensitivity, Adaptation Interior Monitoring Sensitivity, Adaptation Leaving Home Function, Adaptation Locking Via Access And Start Authorization, Adaptation Of Air Flow In Footwell, Adaptation Of Blower Voltage During Compressor Break In, Adaptation Of Cam Shaft Position Sensor, Adaptation Of Coolant Pump, Adaptation Of Fresh Air Blower Voltage, Adaptation Of Idle Speed, Adaptation Of Radiator Shutter, Adaptation Of Service-Interval Display, Adaptation Of Temperature Characteristic In Summer Mode, Adaptation Of Temperature Characteristic In Winter Mode, Adaptation Of Transmission Neutral Position Sensor, Adaptation Radiator Shutter Motor, Adaptation -Seat Heating Activation Level, Adaptation Steering Wheel Heater, Adaptation Unlocking Via Access And Start Authorization, Adapting Battery Monitoring (Sounder), Adapting End Stops, Adapting Of Control Motors, Adapting Single Door Unlock, Adapting/Setting Turbocharger, Adaption After Adjustment, Adaption Function Reset, Adaption of application point, Adaption Of Brake Pedal Sensor, Adaption Of Camshaft Angle Based On Knock Sensor, Adaption Of Clutch Slip Points, Adaption Of Crankshaft Sensor Tolerance, Adaption Of Differential Pressure Sensor For DPF, Adaption of Differential Pressure Sensor Low Pressure EGR, Adaption Of Engine Torque Loss In Idle Speed, Adaption Of Exhaust Gas Flap, Adaption Of Exhaust Gas Flap 2, Adaption Of Low Pressure EGR Exhaust Flap Actuator, Adaption of low pressure EGR valve, Adaption Of Oxygen Sensor Bank 1 Sensor 1 Binary Type, Adaption Of Radiator Shutter Control, Adaption Of Reductant Tank Level Sensing To Raw Value, Adaption Of Speed Limitation, Adaption Of Turbo Charger 1, Adaption Of Turbo Charger Bypass Valve, Adaption Of Turbocharger Turbine Inlet Actuator, Adaption Of Water Mixing Actuator Charge Air Cooling, Adaption Of Work Engine Speed Maximum, Adaption Sequence Of Hybrid Components, Adaptiondyn.oil Press. Warn.:speed Threshold, Adaptive Brake Light, Adaptive Damping System Basic Setting, Adaptive Starting Assistant, Adblue Circuit System Drainage, Adblue Circuit: Pressure Reduction, Adblue Dosing Valve: Test, AdBlue Injected Quantity Test, Adblue Metered Quantity Measurement, Adblue Tank Level Reset, Added Offset To Can Bus Signal Deck Lid Position, Additional Features, Additional Functions, Additional Heater Glow Plug: Reset Adaptation Values, Additional Heating Lower Threshold Coolant Fluid Temp, Additional Heating Lower Threshold Outdoor Temp, Additional Heating Temp Threshold Big To Med, Additional Heating Temp Threshold Big To Power, Additional Heating Temp Threshold Low To Control Pause, Additional Heating Temp Threshold Low To Med, Additional Heating Temp Threshold Med To Big, Additional Heating Temp Threshold Med To Low, Additional Heating Temp Threshold Power To Big, Additional Heating Temp Threshold Start To Control Pause, Additional Heating Temp Threshold Start To Control Pause Or Add, Additional Heating Threshold For Start Delay Time, Additional Heating Upper Threshold Outdoor Temp, Additional Heating Upper Threshold Coolant Fluid Temp, Adjust/Re-adjust Charge Air Pressure Actuator, Adjustable Rear Spoiler Control Unit Data Set 1, Adjustable Rear Spoiler Control Unit Data Set 2, Adjustment Fuel Feed Pump On Low Fuel Level, Adjustment Injector 1, Adjustment Injector 2, Adjustment Injector 3, Adjustment Injector 4, Adjustment Injector 5, Adjustment Injector 6, Adjustment Of Brake Pressure Sensor, Adjustment Of Center Body Vent Blower With Voice Control, Adjustment Of Idle Speed, Adjustment Of Lateral Acceleration Sensor, Adjustment Of Longitudinal Acceleration Sensor, Adjustment Of Rotation Rate & Lateral/Longit. Acc. Sensor, Adjustment Of Steering Angle Sensor, Adjustment Of Torque For Starting Up The Engine, Adjustment Range Front (High Value), Adjustment Range Front (Low Value), Adjustment Range Rear (High Value), Adjustment Range Rear (Low Value), Adjustment: Locking Whilst Driving, Adjustment: Remote Control Conven. Actuation, Adjustment: Unlocking After Key Removal, Adjustment: Unlocking Options, After Run Of Auxiliary Heater Or Auxiliary Ventilation, After Run Time Of PTC Auxiliary Heater With AC Off, Afterrun Time, Air Cleaner

Adaptation Values, Air Conditioner Compressor Inlet Time, Air Conditioner Compressor Run In, Automatic Start, Air Conditioner Control Motors: Adapting, Air Conditioner Heater Output Test, Air Conditioning Adaptation - Production Mode, Air Entrapment Test Hydraulic Unit Engine Decoupler, Air Filter Reset, Air Mass Meter Reset, Air Quality Sensor Adjustment, Air Spring Strut Bleeding, Front Axle, Air Spring Strut Bleeding, Rear Axle, Air Spring Strut Bleeding, Rear Left, Air Spring Strut Bleeding, Rear Right, Air Spring Strut Charging, Front Axle, Air Spring Strut Charging, Rear Axle, Air Spring Strut Charging, Rear Left, Air Spring Strut Charging, Rear Right, Air System Test, Airbag Control Unit: Reset Counter (roll-Over Protection Triggs), Airbag Control Unit: Roll-Over Protection Test, Alarm Delay, Alarm Horn Adjustment, Allocate Control Motors, Ambient Light Threshold Coming/Leaving-Home, Ambient Peak Total Threshold, Analog 1, Analysis 126, Analysis 13, Analysis 14, Analysis 19, Analysis 20, Analysis 7, Angular Gear Ratio, Antenna Diagnosis, Anti-Play Protection Decrease Time, Anti-Play Protection Threshold, Anti-Theft Alarm Delay, Anti-theft Alarm Vehicle Inclination Sensor, Anti-theft System Interior Monitoring, Anti-Theft-System Alarm Delay, Application Characteristics, ASAM / ODX File Version, Assembly Identification Number, Assistance Driving Light Activation/Deactivation Delay, Assistance Light Sensor Correction, Audible Feedback When Locking, Audible Feedback When Unlocking, Audible Locking Confirmation, Audible Unlocking Confirmation, Audio Data Storage Adjustment, Audio Output Delay, Audio Parameter Setting, Audio Reduction Adjustment, Audio Signal Delay Adjustment, Audio Volume Lowering, Authentic Time Length Challenge, Authentic Time Max Drift GPS To Back End In Minutes, Authentic Time Start Time Synchronisation, Auto Hold Plus Speed Threshold For Reactivation, Auto Hold Plus Speed Threshold For Shunting Situation, Auto Hold Plus Time Span For Shunting Situation, Auto Hold Switch-On Condition "Driver Belt Closed", Auto Trans Kick-Down (TCM), Auto Trans Kick-Down(ECM), Auto-Lock, Automated Test Exhaust Gas Flap, Automated Test Low Pressure EGR Valve, Automated Test Of EGR Low Pressure Filter, Automatic Addressing Of Control Motors Of Air Condition, Automatic Addressing, Automatic Air Recirculation Mode Of A/C At Wipe/Wash Function, Automatic Rear Window Wiping with Reverse Gear, Automatic Recirculation Mode Of A/C When Driving In Reverse, Automatic Transmission Fluid Level Check, Automatic Transmission Fluid Pump Calibration, Automatic Transmission Fluid Pump Function Test, Automatic Zero Potential Check, Auto-Unlock, Aux. Heating Continued Heating Time Setting, Auxiliary Air Heating Test, Auxiliary Heating, Auxiliary Heating Configuration Without CAN, Auxiliary Heating Run On Time, Auxiliary Heating/Residual Heat With Air Flow Button Activation, Auxiliary Heating/Venting Aid, Auxiliary Heating/Venting Shut-OFF, Average consumption display correction, Avg Number Of Peaks X16 Threshold, Background Scan Time Interval, Backup Battery Reset State Of Health, Backup DNS Server, Backup Power Threshold, Backup-Camera Shut-Off Speed, Base Volume (Confirmation Sound), Base Volume (Media Output), Base Volume (Microphone), Base Volume (Telephone), Base Volume (Voice Recognition), Basic Adjustment Clutch, Basic Adjustment Clutch Conventional, Basic Adjustment Electrical Fluid Pump Transmission, Basic Adjustment Transmission, Basic Distance Value for Inspection, Basic Distance Value for Oil Change, Basic Setting, Basic Setting - Calibrate All Wheel Drive Clutch Pump, Basic Setting - Head Light Adjustment, Basic Setting - Resetting All Adaptations Values, Basic Setting / Bleeding Brake System, Basic Setting A/C Actuator Motor, Basic Setting A/C Actuator Motor In, Basic Setting A/C Compressor Break, Basic Setting A/C Compressor Break In, Basic Setting A/C Flap Door End Stops, Basic Setting A/C Flap Motor, Basic Setting Brake Bleeding, Basic Setting Brake Pedal Position Sensor, Basic Setting Brake Pressure Sensor, Basic Setting Charge Air Flow Flap, Basic Setting Electrically Adjustable Steering Column, Basic Setting Exhaust-Gas Recirculation, Basic Setting For Luggage Compartment Cover, Basic Setting Headlamps, Basic Setting Headlight, Basic Setting Hydraulic Connections, Basic Setting Integrated Parking Brake, Basic Setting Kickdown, Basic Setting Of Cut-Out Valves, Basic Setting Of Intake Valves, Basic Setting Quit, Basic Setting Rear Lid, Basic Setting Rear Lid Opening Angle, Basic Setting Seat Occupied Recognition, Basic Setting Steering Angle Sender, Basic Setting Steering Angle Sensor, Basic Setting Tire Pressure Monitoring (TPMS), Basic Setting Tire Pressure Monitoring Display (TPMS), Basic Setting Tire Pressure Monitoring System, Basic Setting



Vehicle Inclination Neutral Position, Basic Setting/Bleed Brake System, Basic Setting: Clutch Engagement Point, Basic Settings (04), Basic Time Value for Inspection, Basic Time Value for Oil Change, Battery Adaptation, Battery BOX Serial Number, Battery Information/Replacement, Battery Monitoring Via Alarm Sounder, Battery Replacement, Battery Separating Deactivation, Battery Separating Relay Deactivation, Battery Serial Number, BCmE, Beginning Summer Time Month, Bleed, Bleed Brakes, Bleed Cooling System, Bleed Fuel System, Bleed Pressure Lines, Bleed System/AdBlue Circuit Leak Test, Bleeding 2 Hydraulic Unit Engine Decoupler, Bleeding Hydraulic Unit Engine Decoupler, Blower Max Voltage Limit During Auxiliary Heating/Ventilation, Blower Voltage During AC Compressor Run In, Blower Voltage Limitation For STH STL Or Residual Heat, Blower Voltage With Voice Control, Bluetooth Audio Codec, Bluetooth Connection Cleanup, Bluetooth Connection Profile Adjustment, Bluetooth interface activation/deactivation, Bluetooth Number Of User Profiles, Bluetooth Paired Devices Delete, Bluetooth Pass Key, Bluetooth Set PIN Code, Bluetooth Visibility, Body Height Wheelhouse Edge Front Left, Body Height Wheelhouse Edge Front Right, Body Height Wheelhouse Edge Rear Left, Body Height Wheelhouse Edge Rear Right, Boost Press. Actuator Basic Setting (bank 1), Boost Pressure Actuator Basic Adjustment, Boost Pressure Actuator: Adapting, Boost Pressure Control Adaptation, Brake Assist, Brake Booster, Brake Disc Drying Adjustment, Brake Disc Wiper (BDW), Brake Light Dimming, Brake Pad Replacement Step 1, Brake Pad Replacement Step 2, Brake Pressure Sensor Zero Pos. Compensation, Brake Servo Action Adjustment, Brake Stabilization Adjustment, Brake System Bleeding, Brake Temperature Monitoring Information, Braking to Standstill, Brightness Class Headlight Adaption, Bus Optical Transmission Power Reduction, Button For Central Locking In Rear Lid, Debounce Time, Button For Central Locking In Rear Lid, Start Delay, Button To Close Rear Lid In Luggage Compartment, Debounce Time, Button To Close Rear Lid In Luggage Compartment, Start Delay, CO Adaption, Calculate Checksum (Verify VW Memory), Calculation Consumption Efficiency History, Calibrate Parking Brake, Calibrate Steering Angle Sensor, Calibration Control Units For Heater Element, Calibration Data PreCrash, Calibration Data PreCrash 2, Calibration Drive Motor For Electric Drive, Calibration End Stops Of Air Condition Flaps, Calibration Height Values, Calibration of clutch valves, Calibration of cooling oil valve, Calibration Of Driving Position Sensor, Calibration Of Gear Selector Movement Sensors, Calibration Of Main Pressure Valve, Calibration Of Stop Positions, Calibration Of Synchron Points, Calibration Of Tyre Pressures, Calibration Operating And Display Units For Air Conditioning, Calibration Seat Fan, Calibration Seat Fan Rear, Call Auto Answer Time, Callback Time Dropped Call, Camera/Video Brightness, Camera/Video Contrast, Camera/Video Saturation, Camshaft Adjustment (Exhaust), Camshaft Adjustment (Intake), Camshaft Phasing Filtered Value Exhaust Bank 1, Camshaft Phasing Filtered Value Exhaust Bank 2, Camshaft Phasing Filtered Value Inlet Bank 1, Camshaft Phasing Filtered Value Inlet Bank 2, Camshaft Phasing Initial Offset Value Exhaust Bank 1, Camshaft Phasing Initial Offset Value Exhaust Bank 2, Camshaft Phasing Initial Offset Value Inlet Bank 1, Camshaft Phasing Initial Offset Value Inlet Bank 2, Camshaft Phasing Initial Value Exhaust Bank 1, Camshaft Phasing Initial Value Exhaust Bank 2, Camshaft Phasing Initial Value Intake Bank 1, Camshaft Phasing Initial Value Intake Bank 2, Camshaft Phasing Number Initial Values Exhaust Bank 1, Camshaft Phasing Number Initial Values Exhaust Bank 2, Camshaft Phasing Number Initial Values Inlet Bank 1, Camshaft Phasing Number Initial Values Inlet Bank 2, Camshaft Timing Control (B1) Inlet, Camshaft Timing Control (B1) Outlet, Camshaft Timing Control (B1), Inlet, Camshaft Timing Control (B1), Outlet, Camshaft Timing Control (B2) Inlet, Camshaft Timing Control (B2), Inlet, Camshaft-Position Sensor: Adapting, CAN Signal Transmitting Delay Of Car Roll Away Warning, CAN Signal Transmitting Duration Of Automatic Terminal 15 Shuto, CAN Signal Transmitting Duration Of Comfort Switch Off, CAN Stop Tx Delay Time, CAN Timeout Service Key Message, CAN Timeout Trigger, Cancel Manual ECall Timer, CAN-Databus Comfort (Installation List), CAN-Databus Infotainment (Installation List), CAN-Databus Powertrain (Installation List), CAN-Extended Usage, CAR Menu Speed Threshold Adjustment, Carbon Mass (DPF Replacement), Carbon Mass (ECM/DPF Replacement), CAT Conversion Rate (Bank 1), CAT Conversion Rate (Bank 2), Ceiling Light Module 2 Delay Time For Change Of Dimming Values, Ceiling

Light Module Delay Time For Change Of Dimming Values, Central Locking Functions, Central Locking Protection Basic Setting, Central Locking Test Sequence, Chain Elongation Correction After Other Repairs, Chain Elongation Reset After Chain Replacement, Change Of Parameters For Monitoring Performance Of DPF Filter, Change To Correction Mode For VCA Learning After ECU Replace, Changeover To Normal Ride Control Operation, Charge Air Cooler Bypass Cont. Basic Setting, Charge Pressure Control, Charging Flap A Cycle Data, Charging Flap B Cycle Data, Check Bus Sleep Mode, Checking Throttle Valve Adaptation, Chinese Serial Number, Cleaning Rear View Camera Control Time In Production Mode, Clear Counter And Runtime Of Compressor, Clear Counter Of Valve Activation, Clear Duration Mode And Control Activities, Clear Sporadic Light Off Detection Information, Clear VIN, Clearing The Shutdown And Reset Data, Climate Compressor Torque Calibration, Close Rear Parking Brake (After Pad Change/Repair), Close With Remote Control Operation Stop When Leaving Short Ran, Clutch Protection Function, CMC Registration, CNG Quality Set Value, CO2 Setting, Coding Container Part Number, Coding Container Version, Coding Maintenance Interval Extension, Collision Prevention 1 (Special Methods 1), Collision Prevention 2 (Front-Assist), Combustion Air Blower CO2 Setup, Combustion Air Blower Setting (Low Speed), Combustion Chamber Pressure Sensors: Resetting, Comfort CAN-Databus, Comfort Function (Remote Control), Comfort Functions, Comfort Menu, Comfort Operation (via Remote Control), Comfort Operation: Automatic Roof, Comfort Operation: Closing, Comfort Operation: Opening, Comfort Turn Signals (Cycles), Coming Home Activation Time, Coming-Home Time, Compass Zone, Complete Brake Pad Replacement Mode, Completely Flash, Component Protection (Vehicle Identification Number), Component Update Confirmation, Compressor Control Flap Basic Setting, Compressor Control In Efficiency Mode, Compressor Magnetic Clutch Basic Setting, Compressor Run-In, Compressor Run-In Blower Voltage Adaption, Compressor Run-In Time Adaption, Compressor Run-In/Air Conditioning, Configuration, Confirmation Sound, Connected Gateway, Connected Gateway AUDIOPAR, Connected Gateway CARFINDER, Connected Gateway ECALL, Connected Gateway ECall Speaker, Connected Gateway EMOBILITY, Connected Gateway GEOF, Connected Gateway Lineout, Connected Gateway Online, Connected Gateway OPR, Connected Gateway OTV, Connected Gateway RLU, Connected Gateway RSTH, Connected Gateway RTM, Connected Gateway RVS, Connected Gateway SA, Connected Gateway SVL, Connected Gateway VTS, Constant Damper Current Front Left, Constant Damper Current Front Right, Constant Damper Current Rear Left, Constant Damper Current Rear Right, Consumption Correction, Conti Debug Switch, Continuous Control Of Bypass Valve After Deactivation Of Heater, Control Module Address Reset, Control Module Temperature, Control Of Warning Light, Control Unit Run-On Time Adjustment, Controller Coding (07), Convertible Roof Actuation Counter Reset, Convertible Roof Denormalisation, Convertible Top Hydraulic Pump Actuation Test, Convertible Top Latch Actuation Test, Coolant Bypass Valve Basic Setting, Coolant Circulation Pump Overshoot Time, Coolant Circulation Pump, Overload Time, Coolant Circulation Pump, RPM, Coolant Temperature Calibration, Coolant Valve Adaption, Cooling Output Test, Cooling System: Bleeding, Cooling System: Filling And Bleeding, Correction Factor Consumption And Operating Range, Correction Factor Consumption And Operating Range Electric, Correction Factor Consumption And Operating Range Gas, Correction Value LED Dimming, Counter For Inconsistent Conditions, Counter Reset For Refrigerant Loss Detection, Counter Sporadic MOST Open Circuit, Country, Country Setting, Country Version Encoding, Crankshaft Trigger Wheel: Adapting, Crash Data Nad Reset, Cruise Control Operating Unit: Activation, Curve Light Offset Left, Curve Light Offset Right, Cycle Time For Voltage Monitoring During Sleep Mode, Cyclic Interior Scan During Clamp 15 On, Cylinder Pressure Sensors Adaptation Reset, Date (Day/Month), Date (Year), Date Day, Date Month, Date Year, Day Counter, Daytime Running Lights, Daytime Running Lights Dimming (Fog Lights), Daytime Running Lights Dimming (High Beam), Daytime Running Lights Dimming (Low Beam), Deactivate Display, Deactivate ESP System/Function Test, Deactivate Factory Mode, Deactivate Gateway Ctrl. Unit Transport Mode, Deactivate Juvenile Protection, Deactivate Service Mode, Deactivate shipping mode, Deactivating Static Top Speed Limitation, Deactivation Heating Setting,

Deactivation Of Longitudinal Acceleration Sensor, Deactivation Temperature For Solar Roof, Deactivation Time Vip Sliding Door, Debounce Time Detection, Debounce Time Driver Presence, Debounce Time Reverse Gear Detection, Defuel Threshold, Delay Time, Delay Time Alarm Activation, Delay Time Crash Unlocking, Delay Time For Undervoltage Detection Active Heater, Delay Time Terminal 15 S Shut Down After Leaving Vehicle, Delay Time Terminal 15 S Shut Down By BEM, Delay Time Threshold For Reset Of Running Information To Engine, Delay Timer Before ECU Goes Off, Delayed Accessory Power After Clamp 15 Off, Delayed Accessory Power After Clamp 15 Off Com, Delayed Accessory Power After Clamp 15 Off Edge, Delete Bluetooth Handsets Learnt, Delete Bluetooth Mobile Phones Learnt, Delete Commonness Counter For Start/ Stop, Delete Error Memory Dev, Delete fault memory, Delete Iccpd Error Memory, Delta Value LED Dimming Curve First Point 40 Percent Dimming, Delta Value LED Dimming Curve Forth Point 100 Percent Dimming, Delta Value LED Dimming Curve Second Point 60 Percent Dimming, Delta Value LED Dimming Curve Third Point 80 Percent Dimming, DeNOx Service Regeneration During Drive, DeSOx Service Regeneration During Drive, Desulphurisation Nox Storage Catalyst Bank 1, Development Function Deactivation, Development Test Mode, Diagnostic: Wait Time After Power On, Diesel Particle Filter (DPF) Service Regeneration, Diesel Particulate Filter Adaption, Diesel particulate filter regeneration run, Diesel Particulate Filter Regeneration: Static, Diesel Particulate Filter: Resetting, Diesel Particulate Filter: Write Configuration, Differ. Pressure Sensor Adjustment (bank 1), Differ. Pressure Sensor Adjustment (bank 2), Differential Pressure Sensor Adaption, Dim Value Light Module 2, Dimming Coefficient Green Functional Illumination For Operating, Dimming Coefficient Red Functional Illumination For Operating U, Direct Test Mode Input, Directional Stability Correction Offset Value, Disable 48V System Locking After Crash, Disable High Voltage System Locking After Crash, Disable Of Particulate Filter Regeneration, Disengagement Clutch Actuator Adaption Current Distance Line, Display Calibration, Display Correction Consumption And Range, Display Correction Fuel Gauge, Display Duration Emergency Off, Display Duration Error Mode 2 SPN, Display Duration Please Engage P, Display Fade Down, Display Illumination Test, Display Time Splash Screen, Distance (in 10km), Distance Impulse, Distance Impulse Number, Distance Since Inspection, Doorknob Contact Sensor Disconnecting Time, Dosage Pump CO2 Volume Adjustment, Download Eem, DPF Regeneration While Driving, DPF Regeneration Whilst Driving, DPF Service Regeneration, Drain Fuel System, Drain Fuel Tank, Draining Fuel Tank, Draq Torque Detection, Drive Select Standard Setting (Key 1), Drive Select Standard Setting (Key 2), Drive Select Standard Setting (Key 3), Drive Select Standard Setting (Key 4), Driver Steering Recommendation (DSR), Driving Follow Up Time, Driving Profile For Distance To Empty Calculation, Driving Profile For Distance To Empty Calculation CNG, Driving Profile For Distance To Empty Calculation LPG, Driving Profile Selection 01, Driving Profile Selection 02, Driving Profile Selection 03, Driving Profile Selection 04, Driving School Function/Time Display, Driving School Pedal Buzzer Adaption, DS Parameters, Duration A CAN Wake Up For Engine ECU Wake Up, Duration For Basic Setting Of Compressor Running In, Duration Maneuver Situation, Duration Of Quitting Signal For Programming Interstop, Duration Of Warning Signal For Activation At Low Voltage, Duration Of Warning Signal For Automatic Mode, Duration Of Warning Signal For Blocking Detection, Duration To ZAT Continuous Actuation Detection, Duration To ZAT Multi Actuation Detection, Duration ZAT Debounce, DVD Regional Code, DWA Driver Door Opening Alarm Delay Adjustm., DWA Interior Monitor Sensitivity Adjustment, DWA Interior Monitoring Data Set Development, DWA Primed Feedback Adjustment, DWA Tilt Sensor Sensitivity Adjustment, Dynamic Control Strategy, Dynamic Power Buffer, Dynamic Start of Injection Adjustment, Dynamic Steering Recommendation, Early Summer Time Sunday, EASS, EC Interior Mirror Turn Down, Ecall Auto Dial Attempts, Ecall Automatic Crash Notification Phone Number 1, Ecall Automatic Crash Notification Phone Number 2, Ecall Call Back Delay, Ecall Delay Time, Ecall Dial Duration, Ecall Manual Dial Attempts, Ecall Test Number, ECU 2 Adjustment After Replacement, ECU Adjustment After Replacement, ECU Adjustment After Replacement 2, ECU Adjustment After Replacement Initialization Of Oxidation Ca, ECU Adjustment

After Replacement Initialization Of SCR Catalyst, ECU Adjustment Ash Mass, ECU Adjustment Thermal Aging Of Catalytic Converter, ECU D, ECU Serial Number, ECU W, EEM Additional Components, EEm Power Management, EEPROM Address, EEPROM Output, EEPROM Writing Of Basic Adjustment Data, Egr Control Unit Low Pressure: Adapting, EGR Low Pressure Valve Reset, Egr Low-Pressure Diff. Press. Sensor: Adapting, Egr Valve Basic Setting (bank 1), Egr Valve Basic Setting (bank 2), EGR Valve Reset, EJECT Button Disable Adjustment, Ejection Lock, El. Power St. St. Wheel Angle Sens. Adapt., Electric Drive Assembly Serial Number, Electric Drive Engine Code Letter, Electric Drive Motor Serial Number, Electric Fuel Pump Control Basic Setting, Electric Power Steering: Configuring, Electric Power Steering: Encoding, Electrical Pump 3 For Transmission Function Test, Electrical System Reset Configuration, Electrically Adjustable Steering Column Easy Entry, Electrically Adjustable Steering Column Soft Stop, Electro Mechanical Parking Brake Deceleration Level, Electromechanical Parking Brake Operational Test, Electronic Brake Booster Bleeding, Electronic Fuel Pump Threshold Amount Of Fuel In Chamber, Electronic Fuel Pump Threshold For Activation Time Active Heate, Electronic Fuel Pump Threshold For Activation Time Before Heati, Electronic Fuel Pump Threshold For Maximum Remaining Time Witho, Electronic Stability Program: Activate Brake Dynamometer Mode, Electronic Steering Column Lock (ESCL) Vehicle Data learning, Electronic Throttle (Kick-Down Adaptation), Electronic Throttle (Throttle Body Adaptation), EM Heating Power Quota Adjustment, EM Nominal Voltage Limitation Low Beams, EM Requirement Cyclic Time Voltage Measurement, Emergency Battery, Emergency Braking Intensity, Emergency Call 1, Emergency Call 1 Roaming, Emergency Call 2, Emergency Call Autorepeat, Emergency Call SMS 1, Emergency Call System: Resetting After Replacement Of The Compo, Emergency Call Test Number, Emergency Call Test Number EU ECall, Emergency Number, EMF Opening Mode Adjustment, Emission Reduction (EVAP Valve Test), Emission Reduction (Exhaust Gas Recirculation), Emission Reduction (Leak Diagnostic System), Emission Reduction (Secondary Air Injection: Bank 1/3), Emission Reduction (Secondary Air Injection: Bank 2/4), Enable / Disable. Oil Pressure For Engine Run, Enable Control Unit, Enabling Code For Vehicle Tracking System, Encoding Of Retrofitted Components, End Of Summer Time Month, End Of Summer Time Sunday, End Stop Closed Check, End Stop Opened Check, Energy Management Shut-Off Priority Counter, Energy Management Static Current Stage, Engine Control Unit: Activate/deactivate Increased Engine Oil P, Engine Control Unit: Reset Start/stop Data, Engine Coolant Temperature Adjustment For Preheater, Engine Cooling (Map Cooling), Engine decoupler close, Engine decoupler open, Engine Management Adaptation Values Reset, Engine Run Oil Pressure, Engine Temperature Management Basic Setting, Engine Type Adaption, Engine: Reset (engine Start Inhibit Due To Lack Of Fuel <urea S, England ROW DWA Alarm Signal Adjustment, Enhancement function encoding, Environment Scan Cyclic Step1, Environment Scan Cyclic Step2, Environment Scan Duration Step1, Environment Scan Duration Step2, Environment Scan Level Bem, Environment Scan Responselevel Reduction, Environment Scan Start Delay Time, EOL Quickstart Actuator Test 1, EOL Start-Up SCR Metering Quantity Test, EPS Performance Requirement New, ERA GLONASS System Identification, Erase Counter For Start And Stop Processes, Erase Error Table, Erase Start/Stop Static Memory, Erase Start/Stop Statistic Memory, Error Mask, Error Mask 1, Error Mask 2, Error Mask 3, ESI Maximum Mileage To Next Service, ESI Maximum Time To Next Service, ESI Mileage Since Last Service Event, ESI Minimum Mileage To Next Service, ESI Minimum Time To Next Service, ESI Oil Thermal Wear, ESI Soot Contamination, ESI Time Since Last Service Event, ESP steering wheel angle sensor adaptation, ESP-Data (Brakes), ESP-Data (Powertrain), EU ECall Test Mode Trigger Counter, EU ECall Test Mode Trigger Timer, Evac And Fill Byte, Evaporative Emission Control Functional Test, Evaporative Emission Control Regenerat. Valve, Excessive Temperature Counter Write Reset, Exh. Gas Turbocharger Control Motor Adap., Exhaust flap adaption, Exhaust Flap: Resetting, Exhaust Gas Recirculation (EGR), Exhaust Gas Recirculation (EGR) Low Pressure Valve, Exhaust Gas Recirculation (EGR) Low Pressure Valve Adaptation, Exhaust Gas Recirculation (EGR) Valve Adaptation, Exhaust Gas Recirculation (EGR) Valve Alignment, Exhaust Gas Recirculation Adjustment, Exhaust Gas Recirculation Adjustment Adapt., Exhaust Gas Recirculation Control Unit: Cleaning Test, Exhaust Gas Recirculation

Flap Adaptation, Exhaust Gas Recirculation Valve Adaptation, Exhaust Gas Recirculation Valve Basic Setting, Exhaust Gas Temperature Sensor Test, Exhaust Gas Turbocharger Reset, Exhaust Pressure Control Motor Adaptation, Extended Electronic Differential Lock (XDS), External AUX Input Volume Adjustment, External Noise Volume Adjustment, External SIM Card Reader Name, Factory Mode, Factory Reset, Fan Functional Test, Fast Adaption, Fastadaption Twin Clutch, Fatigue Detection / Rest Assist, Fatigue Detection/Break Recommendation, Field Test Mode Time, FIX Maximum Distance To Next Mileage Based Service Event, FIX Maximum Time To Next Time Based Service Event, FIX Mileage Since Last Mileage Based Service Event, FIX Resetvalue Distance To Next Mileage Based Service Events, FIX Resetvalue Time To Next Mileage Based Service Events, FIX Time Since Last Time Based Service Event, Fixed Service Interval Adjustment, FLA Bi Xenon HL Output Sensitive, FLA Delay Front Light FRTB, FLA Delay Front Light Non-FRTB, FLA Delay Taillight, FLA Delay Taillight Overtake, FLA Fading Off Threshold, FLA Halogen HL Output Sensitive, FLA Taillight Output Sensitive, FLA TL FRTB Delay, FLA TL FRTB Possible Delay, FLA Two State Off Threshold, Flap Motors Address Lookup/Initiation, Flex ECU Serial Number, Flex Test Trace, Flexible Service Interval Adjustment, Flexible SID Adaption (Diesel), Flexible SID Adaption (gasoline), Fog Light Cold Diagnosis, Footwell Illumination Adaption, Footwell Lighting Dimming, Footwell Lighting Dimming (With Open Door), Footwell Lighting Dimming (with Terminal 58d), Force Auto Adjust, Forced Change-Up Adjustment, Fr. Left Seat Heating Memory Function Setting, Fr.right Seat Heating Memory Function Setting, Fragrancing System Replacing Cartridge In Aroma Receptacle 2, Fragrancing System Replacing Cartridge In Aroma Uptake 1, Friction Coefficient Grade EOL, Front And Rear Control Motor Basic Settings, Front Axle SPECIFIED Pressure Comfort, Front Axle SPECIFIED Pressure Fully Loaded, Front Axle SPECIFIED Pressure Partially Loaded, Front Axle SPECIFIED Pressure Standard, Front Buzzer Frequency, Front Buzzer Volume, Front Driver Airbag Deactivation, Front Driver Belt Tensioner Deactivation, Front Driver Head Airbag Deactivation, Front Driver Side Airbag Deactivation, Front Left Seat Heating Memory Function Setting, Front Passenger Airbag Deactivation, Front Passenger Airbag Shut-Off Switch Deactivation, Front Passenger Belt Tensioner Deactivation, Front Passenger Head Airbag Deactivation, Front Passenger Side Airbag Deactivation, Fuel High-Pressure System Reset, Fuel Injection (Fuel Pump Adaptation), Fuel Injection (Fuel Supply System), Fuel Injector Adaptation Value, Fuel Level Threshold For Deactivation Electroic Fuel Pump, Fuel Line Filling Setting, Fuel Low-Pressure Sensor: Resetting, Fuel Metering Unit Adjustment, Fuel Pressure Control Valve Adjustment, Fuel Pressure Regulator Valve Adaptation, Fuel Pressure Regulator Valve Reset, Fuel Pump Adaptation, Fuel Pump Adaption, Fuel Pump Alignment, Fuel Quantity Control Valve Adjustment, Fuel Supply Pump Activation, Fuel Supply System (Fuel Pressure Reduction), Fuel Supply System (Intake Runner Flap Adaptation: Bank 1), Fuel Supply System (Intake Runner Flap Adaptation: Bank 2), Fuel Supply System Diagnosis, Fuel Tank Capacity, Full Application Force For Auto Hold Up And Downhill Swell, Garage Door Opener Control Module, Garage Door Opener Country Setting, Garage Door Opener Distance From Target, Gasoline Particulate Filter Regeneration: Static, Gasoline Particulate Filter: Resetting, Gateway OBDC, Gateway: Check No-Load Current, Gateway: Configure Pause Recommendation, Gear Positioner Neutral Position, Gear Positioner Removal Position, Gear Selecter Adaptation, Gearbox Neutral Position Switch Adaption, Generate Readiness, Generator Load Calibration, Generator Set Point Voltage Variable, Geofencing Position Timeout, Glass Variant, Glove Compartment Activation Time, Glowplug replacement, Gns Data Rate, Gns Min Elevation, Go To High Level, Go To High Level And Deactivate Self-Levelling, Go To Normal Level, Go To Normal Level And Deactivate Self Levelling, Go To Normal Level With Narrow Control Tolerance, Go To Preliminary Stage For Calibration In Production, Go To Preliminary Stage For Calibration In Service, Go to production reference level, GSM Antenna Switch Speed Delay, GSM Antenna Switch Speed Limit, GSM Antenna Switch Time Limit, GW Routing 0, GW Routing 1, GW Routing 2, GW Routing 3, GW Routing 4, GW Routing 5, GW Routing 6, GW Routing 7, GW Routing 8, GW Routing 9, Halogen Headlights, Hands Free Function, HBOT Parameters, Head Light Washer System Adaptation In Production Mode, Headlamp setting, Headlight Adjustment, Headlight Adjustment

Position, Headlight Basic Setting, Headlight Position Learning, Headlight Washer Activation Delay, Headlight Washer Activation Time, Heater Or Metering Pump Deactivation, Heater Start (Customer Service), Heater Unblock Setting, Heater Unlock, Heater Unlocking Setting, Heater/Air Conditioning, Heating For Production Setting, Heating for Service Setting, Hella Debug Switch, High Voltage Heater 2 Routine, Highbeam with Assistance Driving Light, Highway/Comfort Blinking, Hill Hold Assist (HHA), History Data Reset, HV Battery Charge, HV Battery Control Unit Initialization, HV Coordinator, HV Power Management, Hybrid To Start, Hydraulic Brake Assist (HBA), Hydraulic Brake Assistant (Special Methods 2), Hydraulic System Bleed, Hydraulic System Release Pressure, Hydraulic Test, Hydraulic Unit Disconnecting Valve Adjustment, Hydraulic Unit Intake Valve Adjustment, Idle Speed Adjustment, Idle Stabilization Deactivated / Active Charcoal Valve Closed, Ignition (Knock Sensor Test - Short Trip), Ignore Compressor Shut-Off Via Engine Control Module, Illumination Card Reader, Immobilizer (Key Adaptation), Immobilizer (Key Learning), Immobilizer (Vehicle Data Learning), Immobilizer Status, Inclination Sensor Sensitivity, Inclination Sensor Threshold, In-Cylinder Flow Flap 1 Basic Setting, In-Cylinder Flow Flap 2 Basic Setting, Individually Adjustable Top Speed Limit, Individually Adjustable Top Speed Limitation, Info Menu Display Time Adjustment, Information Signal Back, Information Signal Front, Infotainment CAN-Databus, Init E Range Calculation, Init E Range Standard Value, Initialisation, Initialization Accumulator, Initialization Brake Booster, Injector Adaptation, Injector Adjustment (bank 1), Injector Adjustment (bank 2), Injector Buzz Test, Injector Calibration (Cylinder 1), Injector Calibration (Cylinder 2), Injector Calibration (Cylinder 3), Injector Calibration (Cylinder 4), Injector Encoding, Injector Reset, Injector Zero Quantity Calibration Reset, Inlet Camshaft Timing Control (bank 1), Installation Dynamic Chassis Control (DCC), Installation Lane Assist, Installation Park Steer Assist, Installation Park Steer Assist (PLA), Instrument Cluster Display, Insufficient Voltage Threshold, Insufficient Voltage Time Threshold, Int Mem Transmit Attempts, Int Mem Transmit Interval, Intake Camshaft Adjustment Bank 1, Intake Manifold Runner/Motor Adaptation, Intake Manifold Runner/Motor Reset, Interior Monitoring, Interior Monitoring Data Set, Interior Monitoring Sensitivity, Interior Scan: Deceleration After Comfort Closing, Interior Scan: Max Engine Speed For Standing Engine, Interior Scan: Opening Threshold Sliding Roof, Interior Scan: Opening Threshold Window Lifter, Interior Scan: Speed Threshold, Interior Scans Clamp 15 Break At Active Message, Interior Scans Clamp 15 Retry At Active Message, Internal, Interval Display Service: Resetting, Invalid Position Threshold, Kerb Parking Distance Adjustment, Key FOB Clearing, Key FOB Matching, Key Identification Transponder ID, Key Minder: Delay Reunlocking Tailgate, Key Minder: P Keyless Event Search Holding Time, Key Minder: P Keyless Event Search Retries, Key Position Locating, Keyless Locking Optical Feedback, Keyless Unlocking Optical Feedback, Kick-Down Adaptation, Kiss Point Basic Setting, Knockout Test Mode, Knockout Timer, Knockout Tmr, Lambda Control (Aging Check: Bank 1 Sensor 3), Lambda Control (Aging Check: Bank 1/2 Sensor 1), Lambda Control (Aging Check: Bank 1/3 Sensor 2), Lambda Control (Aging Check: Bank 2 Sensor 1), Lambda Control (Aging Check: Bank 2/4 Sensor 2), Lambda Control (Catalytic Conversion Test Bank 1), Lambda Control (Catalytic Conversion Test Bank 1/2), Lambda Control (Catalytic Conversion Test Bank 2/4), Lambda Control (Catalytic Converter Thermal Diagnosis Bank 1), Lambda Control (Delta Lambda Bank 1/3), Lambda Control (Delta Lambda Bank 2/4), Lambda Control (Sensor Exchange), Lambda Control (Sensor Readiness - After Catalyst), Lambda Control Shut-Off, Lambda Sensor Adjustment, Lambda Sensor Ageing (B2 S1) Function. Test, Lambda Sensor Ageing (B2 S2) Function. Test, Lambda Sensor Ageing (B2, S1) Function Test, Lambda Sensor Ageing (b2, S1) Function. Test, Lambda Sensor Ageing (B2, S2) Function Test, Lambda Sensor Ageing (b2, S2) Function. Test, Lambda Sensor Ageing Bank 1 Sensor 1, Lambda Sensor Ageing Bank 1 Sensor 2, Lambda Sensor Ageing Bank 1, Sensor 1, Lambda Sensor Ageing Bank 1, Sensor 2, Lambda Sensor Reset, Language, Lat. Accel. Sensor Zero Pos. Calibration, Launch Control Counter Write Reset, Leak Diagnostic And Secondary Air Injection, Leakage Test, Leakage Test Hydraulic Unit Engine Decoupler, Learn Vehicle Identification Number (VIN), Learned Values (Vehicle Data), Learned Values Reset, Learning Of Info On Control Units Fitted, Leaving Home Activation/Deactivation, Leaving Home

Time, Leaving Warning Delay, Leaving-Home Time, LED Dimming Curve First Point 20 Percent Dimming, Lf Shutdown Timeout 2nd Operation, Life Cycle Data Network Access Device Read, Life Cycle Data Network Access Device Reset, Life Cycle Data 81 Reset, Light, Light Configuration Externally Rear, Light Configuration Other, Light Configuration Outer Front, Limit Of Cyclizations Request Battery Service, Lin Bus 1 Control Motor Adaption, Lin Bus 2 Control Motor Adaption, Line Filling Duration, Line Filling Enabling, Load Compartment Cover Basic Setting, Lock Blink, Lock Horn, Lock Transmission Hydraulic Pump, Locking Confirmation (Key Switch), Locking Confirmation (Remote Control), Locking for Coding/Flashing, Locking Range Offset Upper Stop, Locking With Key Switch Optical Feedback, Locking With Remote Control Opt. Feedback, Log-in(11) Adaptation(10), Log-in(11) Basic Settings(04), Log-in(11) Controller Coding(07), Log-in(11) or Coding II(11), Long Average Ambient Threshold TLAA, Long Average Time Constant TCLAA, Longit. Accel. Sensor Zero Pos. Calibration, Loudness Actuator For Exterior Noise Uds, Loudness Actuator For Structure Borne Sound, Low Beam Response, Low Beam Response (Terminal 15), Low Confidence Threshold, Low Voltage Shut-Off, Lower Locking Range, Lower Speed Threshold For Immediate Main Beam Off, Lower Speed Threshold For Main Beam Off, Lower Speed Threshold For Main Beam On, LP - Exhaust Gas Recirculation Basic Setting, LP-EGR Diff. Press. Sens. Home Setting, Luggage Compartment Cover Adjustment Track Tolerance, Luggage Compartment Cover Block Counter Tolerance, Luggage Compartment Cover Count Foreblock Runs, Luggage Compartment Cover Maximum Count Block Runs, Luggage Compartment Cover Reset Normalisation, Luggage Compartment Cover Test Run, LWR Offset Left, LWR Offset Right, Magnetic clutch adaption, Main Beam Assist Calibration, Manual ECall Cancellation Time, Manual ECall Trigger Time, Manual Regeneration Of Diesel Particulate Filter, Manual Regeneration Of Diesel Particulate Filter During Drive, Manual Test Of EGR Low Pressure Filter, Manual Test Of Exhaust Gas Flap, Manual Test Of Low Pressure EGR Valve, Manufacturer Specific Connect App Screening, Matching The ECU To Fuel Type (Gasoline Or Diesel), Matrix Headlamp General Dimming, Matrix Headlamp Steering Angle Control, Max Short Average Time Constant TCSAAMax, Maximum Compressor Speed At Speed Less Than 15 Km H, Maximum Gateway Response Time, Maximum Mileage to Service, Maximum Speed Limiter, Maximum Time to Service, Maximum Vehicle Speed, MCTX Pause, MCTX Pause For Go / Key Minder, MCTX Pause For Go Authentication, MCTX Settling Phase, Mechatronic Identification, Media Country Code, Media Country Code HMI, Media Device Basic Volume, Media Play Volume Adjustment, Menu-Driven Configuration, Metered Quantity Measurement/Large Quantity, Metered Quantity Measurement/Small Quantity, Metering Pump Activation, Microphone Sensitivity, Microphone Sensitivity Adjustment, MIL Enabling, Mileage, Mileage (Since Service), Mileage Data Adjustment, Mileage/Odometer, Min Receptiontime Vit, Min Time For Terminal 50 Request, Minimal Opening Angle Of Flaps, Minimum Holdtime Ak, Minimum Mileage to Service, Minimum Time to Service, MMI Display Time During Rear Zone Adjustment, MMI Display Time For Quadrologic Functions, MMI Display Time For Temperature Adjustment, Mobile Country Code, Mobile Phone Network Provider, Mobile Phone Network Provider Customer Paid, Most Ring Break Detection, Mounting Parts, Mounting Position Calibration, Mounting Position Calibration SC, Move Display To Service Position, Move Gear Positioner To Neutral Position, Move Gear Positioner To Removal Position, Moving Indicator Threshold, Multi Contour Approach Hysteresis Target Pressure Starting, Multi Contour Error Memory Allocation MSG, Multi Contour Seat Additional Functions Adaptation, Mute Delay, Muting Characteristics Adjustment, MVK, NAR Parking Light Deactivation, Natural Gas Pressure Reduction, Navigation System Calibration Reset, Navigation System Volume During Voice Control, Near Field Communication Control Module 1, Near Field Communication Control Module 2, Near Field Communication Control Module 3, Neutral Position Sensor Adaptation, Neutral Position Sensor Adapting, New DPF Reset Adaptation Values, New DPF, Reset Adaptation Values, NFA Supplier LRD, NFC FS Debug Switch, NFC MiKo Debug Switch, NFC Rear Debug Switch, NightVision Video Image Shift, No-Load Current Test, Nominal Pressure Line Choice At EOL, Nominal Voltage Dimming, Normalization, NOX Sensor Offset, Nox Storage Catalyst Bank 1, NOx Storage Catalytic Converter Regeneration While Driving, Null Balance Seat Occupied Recognition,

Null Balancing Steering Wheel Angle Sensor, Number Of Multiple ZAT Activations To Emergency Shutoff, Number Of Navigation Destinations, Number Of Recharge On Demand, Number Of Simultaneously To Be Adapted Keys, Number Of Street Light X16 Highway, Number Of Street Light X16 Village, Number Of Tones For Tone 3, Number Of ZAT Activations To DTC, NV Power Management, OBD Channel, Occupant Detect System, Off Timer Inside Light, Off Timer Inside Light Light Module 2, Offset Maximum Programmable Opening Stop, Oil Ash Volume (ECM Replacement), Oil Life Reset, Oil Minimum Detection, Oil Pressure Regulation Switching Test, Oil Quality, Oil Temperature/Level Sensor Installation, On Board Data Collector Block 1, On Board Data Collector Block 2, On Board Data Collector Block 3, On Board Data Collector Block 4, On Board Data Collector Block 5, On Board Data Collector Block 6, On Board Data Collector Block 7, Onboard Data Collector Initialisation, Online Remote Update Software Consistent Check, Online Service Back End CAI Event Request URL, Online Service Back End CSM Request URL, Online Service Backend Primary Hostname, Online Service Backend Secondary Hostname, Open and Close Parking Brake Pistons, Open Coupling For Car Manufacture, Open Rear Parking Brake (Prior Pad Change/Repair), Open Up Display, Opening Height Limit Production Mode, Operating And Display Unit 1 Proximity Sensor Basic Adaptation, Operating Element Illumination Test, Optical Illustration, Optical Performance, Options, Outside Temperature Threshold For Activation Of PTC Auxiliary H, Overboost (OB)/Overload Operation, Overshoot Time Additional Heating, Oxidation Catalytic Converter Adaption, Oxidation Catalytic Converter: Resetting, P A Debouncing Brake Gearbox Can, P A Limit Message Counter, P A Protocol Error Max, P Damping Display, P Dimming Default Pwm, P HMI Display, P K I, P K I Offset, P K P, P N Error P Locked, P Performance Lrh, P Pwm Lrh, P S NWDF Spg, P T Blinker Err Alarm Clock Hanging Off, P T Blinker Err Flashing Horn Hangs On, P T Blinker Err Gra Hangs Off, P T Blinker Err Gra Hangs On, P T Blinker Err Unplausible, P T Debounce Time Overvoltage, P T Debounce Time Undervoltage, P T Debouncing P Unplausible, P T Debouncing Ride, P T Detection Ride, P T Dimming Caster, P T Err Plaus, P T Ezs Debounce, P T Ezs Err Unplausible, P T Fas Debounce, P T Gra Ea Error, P T Gra Lever Debounce, P T Gra Lever Err El Interruption, P T Gra Lever Err El Short Circuit, P T Gra Lever Err Gra Hangs Off, P T Gra Lever Err Gra Hangs On, P T Gra Lever Err Unplausible, P T Gra Tip, P T Horn Debounce, P T Horn Err Horn Hangs Off, P T Horn Err Horn Hangs On, P T Horn Err Note, P T Horn India Debounce, P T Indicator Gra Debounce, P T Limit V, P T Lin Err Kl15mfl Short Circuit Off, P T Lin Err Kl15mfl Short Circuit On, P T Lin Err Short Circuit, P T Lin Sleepframe Kl15 Off, P T Lrh Interruption Debounce, P T Lrh Regulator I Factor, P T Lrh Regulator I Offset, P T Lrh Regulator P Factor, P T Lrh Regulator Temp Request 1, P T Lrh Regulator Temp Request 2, P T Lrh Regulator Temp Request 3, P T Lrh Short Circuit Debounce, P T P Locks Debounce, P T P Locks Err El Short Circuit, P T P Locks Err Unplausible In Parking Position Off, P T P Locks Err Unplausible In Parking Position On, P T P Locks Err Unplausible Off, P T P Locks Err Unplausible On, P T Plaus Start, P T S Contact Caster, P T Start Delay Lin Kom, P T Target 0, P T Target 1, P T Target 2, P T Turn Signal Blocking Time, P T Turn Signal Debounce, P T Turn Signal Err El Break, P T Turn Signal Err El Short Circuit, P T Turn Signal Err Flashing Horn Hangs Off, P T Turn Signal Err High Beam Hangs Off, P T Turn Signal Err High Beam Hangs On, P T Turn Signal Err Wake-Up Contact On, P T Voltage Lower Threshold, P T Voltage Lower Threshold Funct, P T Voltage Upper Threshold, P T Voltage Upper Threshold Funct, P T Washing Front Bew, P T Wiper Debounce, P T Wiper Err El Interruption, P T Wiper Err El Short Circuit, P T Wiper Err Interval Poti Hangs Off, P T Wiper Err Interval Poti Hangs On, P T Wiper Err Mfa Hangs Ein, P T Wiper Err Mfa Hangs Off, P T Wiper Err Swipe Hangs Off, P T Wiper Err Swipe Hangs On, P T Wiper Err Unplausible, P T Wiper Err Washing Hangs Off, P T Wiper Err Washing Hangs On, P T Wiper Interval Debounce, P T Wiper Winter Position, P T Zss Err Interruption, P T Zss Err Short Circuit A, P T Zss Err Short Circuit Off, P Temp Steering Wheel Heating Off, P Time Temperature Static Lrh, P W Brightness Factor, P W Dimming Offset, P W Limit Detected Mfl Type, P Wash Warning, Pad Thickness, Pairing Process Sim Card Reader, Parameter Animation, Parameter Climatic Comfort For Start / Stop Function, Parameter Defogging For Start / Stop Function, Parameter Evaporator Dew Point Sailing Function, Parameter Group 1, Parameter Group 10, Parameter Group 2, Parameter Group 3, Parameter Group 4, Parameter Group 5,



Parameter Group 6, Parameter Group 7, Parameter Group 8, Parameter Group 9, Parameter Hmi, Parameter Read Adaptation, Parameters Water Mass Sailing Function, Parental Management Level Reset, Parking Aid Deactivation Speed, Parking Brake Function Test, Parking Brake Initialisation, Parking Brake Release (Brake Pedal), Parking Brake Release (Message), Parking Brake Release (Seatbelt), Parking Steering Assistant Cut-In Speed Adj., Partially Activated Engine For Automatic Trans Fluid Change, Particulate Filter Regeneration, Passenger Detection Multi Contour Seat, Passenger Seat Occupation Recognition Sensor Deactivation, Passive Entry Exit: Control By Pulling The Door Handle During A, Passive Entry Exit: Entry Request E Sliding Door Active Time, Passive Entry Exit: Minimum Activity Time Locking Sensor, Passive Entry Exit: PARA T TIMEOUT PROXIMITY ENTRY, Passive Entry Exit: T ACT OP 2, Password Customer Paid Connection, Path, Pdm Defragmentation, Personalization (Key 1), Personalization (Key 2), Personalization (Key 3), Personalization (Key 4), Personalized Settings User Account 1, Personalized Settings User Account 1 Name, Personalized Settings User Account 2, Personalized Settings User Account 2 Name, Personalized Settings User Account 3, Personalized Settings User Account 3 Name, Personalized Settings User Account 4, Personalized Settings User Account 4 Name, Personalized Settings User Account 5, Personalized Settings User Account 5 Name, Personalized Settings User Account 6, Personalized Settings User Account 6 Name, Personalized Settings User Account 7 Name, PLA Dev Msg, PLA Minimum Speed Limitation, Platform Identification, Plausibility Limit Suspended HKIT, PMS CL Address, Pnc Create Vehicle Cert Res, Pnc Delete Contract Req, Pnc Delete Vehicle Key Pair Req, Pnc Diagnostic Push Ack, Pnc Install Contract Req, Pnc Install Root Certificate Container Req, Pnc Report Unknown Root Cert Ack, PODS Rezero, PODS Serial Number Adjustment, Position Distance, Post Test Registration Time, Potentiometer And Flap Alignment, Potentiometer Flap Motor Alignment, Power Adjustable Steering Column Control Module Basic Setting, Power Flow Interrup. When Stationary Adjustm., Power Latching Test Run, Power Steering Control Module Adaptation, Power Sunroof Control Module Basic Setting, Powertrain CAN-Databus, Pre-Glow Period, Pretensioner Left Serial Number, Pretensioner Right Serial Number, Production Date Transmission, Production Diagnostics, Production Mode, Production Process Data 1, Production Process Data 2, Production Process Data 3, Production Routine Blower Regulation, Production Routine Blower Voltage, Production Routine Nominal Temperature Inside, Production Routine Rear Blower Voltage, Program Interstop, Program Remote Control, Program Sensor Code, Programming Data Pretensioner 2nd Row Left, Programming Data Pretensioner 2nd Row Right, Programming Data Pretensioner Left, Programming Data Pretensioner Right, Programming Trailer Coupling, Protection CAN Wakeup, Protection Function, Protection RH850 WakeUp, Proximity Sensor: Comfort Exit Enlargement, Proximity Sensor: Duration Of Proximity Signal, Proximity Sensor: Lower Limit Proximity Pulse, Proximity Sensor: Lower Limit Pulse, Proximity Sensor: Max Vehicle Speed For A Standing Vehicle, Proximity Sensor: Max. Intermission Length Diagnostic, Proximity Sensor: Max. Length Of Diagnostic Pulse, Proximity Sensor: Max. Length Of Entry Pulse, Proximity Sensor: Max. Length Of Exit Pulse, Proximity Sensor: Max. Length Of Signal Hall Sensor, Proximity Sensor: Max. Pulse Length, Proximity Sensor: Max. Pulse Length Of Proximity Pulse, Proximity Sensor: Max. Signal Length, Proximity Sensor: Max. Tolerance Data Bit Length, Proximity Sensor: Min Vehicle Speed For A Driving Vehicle, Proximity Sensor: Min. Engine Speed For A Running Engine, Proximity Sensor: Min. Length Of Diagnostic Pulse, Proximity Sensor: Min. Length Of Entry Pulse, Proximity Sensor: Min. Length Of Exit Pulse, Proximity Sensor: Min. Tolerance Data Bit Length, Proximity Sensor: SP X2, Proximity Sensor: SP X3, Proximity Sensor: SP X4, Proximity Sensor: SP X5, Proximity Sensor: SP X6, Proximity Sensor: SP X7, Proximity Sensor: Time Power On, Proximity Sensor: Timer Value For Exit Reverse Option, Proximity Sensor: Timer Value For Exit Reverse Option BCM: Par, Proximity Sensor: Turn Off Limit From Battery Manager, Proximity Sensor: Upper Limit Intermission Length, Pump Calibration, PWM To Level Scaling Factor Front, PWM To Level Scaling Factor Rear, Quantity Comparison, Quick Charging Of High Voltage Battery, Quick Quiescent Current Analysis, Quickstart - Adaptation Pressure Characteristic Engine Decouple, Quickstart - Adaption Boost Pressure Actuator, Quickstart - Adaption of Exhaust Gas

Recirculation Valve, Quickstart - Adaption Of Intake Manifold Runner Flap Bank 1, Quickstart - Adaption Of Intake Manifold Runner Flap Bank 2, Quickstart - Adaption of turbo charger, Quickstart - Automated Boost Control, Quickstart - Automated exhaust gas recirculation, Quickstart - Bank Balancing, Quickstart - Blocked Catalyst, Quickstart - Boost Pressure Actuator, Quickstart - Brake Booster Pump, Quickstart - Camshaft Position Diagnostics, Quickstart - Catalyst Conversion Capability, Quickstart - Catalyst Conversion Capability Bank 2, Quickstart - Catalytic Converter Regeneration, Quickstart - Check Cylinder Balancing, Quickstart - Check Deactivating Of Sail Function, Quickstart - Check Diesel Particulate Filter Missing Substrate, Quickstart - Check Low Pressure EGR Cooling Efficiency, Quickstart - Check Oxicat Efficiency, Quickstart - Clutch Slip Point Adaptation Engine Decoupler, Quickstart - CNG Activation System Discharge, Quickstart - CNG Deactivation System Discharge, Quickstart - Cold Start Injector, Quickstart - Compression test 1, Quickstart - Coolant Valve For Gearbox, Quickstart - Cooling Valve, Quickstart - Crankcase Ventilation Test, Quickstart - Crankcase Ventilation Valve, Quickstart - Cylinder Pressure Sensor Check, Quickstart - Demount Friction Stuck Boost Pressure Actuator Tes, Quickstart - Deviation Lambda Control, Quickstart - Deviation Lambda Control CNG, Quickstart - Diesel Particulate Filter, Quickstart - EGR Valve Cooler Bypass Valve, Quickstart - Electric Supercharger, Quickstart - Engine Shut-Off, Quickstart EOL Engine Speed Increase, Quickstart - EVAP Purge Valve 2, Quickstart - EVAP Purge Valve Functional Check, Quickstart - EVAP System Pressure Check, Quickstart - EVAP System Pressure Rough Leak Check, Quickstart - Exhaust Gas Recirculation, Quickstart - Exhaust Gas Recirculation Cooler Fouling Test, Quickstart - Fuel Injector Test, Quickstart - Fuel Supply System Test, Quickstart - Fuel Supply System Test V2, Quickstart - Fuel Tank Isolation Valve Functional Check, Quickstart - Fuel Trim Adaption Idle, Quickstart - Fuel Trim Adaption Intake Manifold Injection, Quickstart - Fuel Trim Adaption Part Load, Quickstart - Gasoline High Pressure Injection Test, Quickstart - Glow-plug control module, Quickstart - Governor Deviation Exhaust Gas Recirculation, Quickstart - Half Engine Mode, Quickstart - Heater Oxygen Sensor 1 Bank 1, Quickstart - Heater Oxygen Sensor 1 Bank 2, Quickstart - Heater Oxygen Sensor 2 Bank 1, Quickstart - Heater Oxygen Sensor 2 Bank 2, Quickstart - Individual Cylinder Lambda Adaption, Quickstart - Injectors Module 1 Idle Warm Test, Quickstart - Injectors Module 1 Idle Warm Up Test, Quickstart - Injectors Module 2 Injector Test, Quickstart - Intake Manifold Pressure Compensation, Quickstart - Intake Manifold Runner Flap, Quickstart - Intake Manifold Runner Flap Bank 1, Quickstart - Intake Manifold Runner Flap Bank 2, Quickstart - Kick Down Adaption, Quickstart - Knock Sensors, Quickstart - Manual Transmission Fluid Pump Test, Quickstart - Misfire Test, Quickstart - NOx Sensor 1 Test, Quickstart - NOx Sensor 2 Test, Quickstart - NOx Sensor Dynamic Test, Quickstart - NOx Sensor Test Modell Based, Quickstart - O2 Check For Oxygen Sensor, Quickstart - Open Circuit Adjustment Voltage, Quickstart - Open Circuit Test Power Electronics To Electric Mo, Quickstart - Open Position Check Boost Pressure Actuator, Quickstart - Oxygen Sensor, Quickstart - Oxygen Sensor Confusion (Left/Right Or Sensor2/3), Quickstart - Oxygen Sensor Front Offset Check, Quickstart - Oxygen Sensor Front Offset Check Bank 2, Quickstart - Oxygen Sensor Front Signal Dynamic Check, Quickstart - Oxygen Sensor Front Signal Dynamic Check Bank 2, Quickstart - Oxygen Sensor Heater Behind Cat, Quickstart - Oxygen Sensor Heater Gear, Quickstart - Oxygen Sensor Rear Oscillation Check, Quickstart - Oxygen Sensor Rear Oscillation Check Bank 2, Quickstart - Oxygen Sensor Rear Signal Activity Check, Quickstart - Oxygen Sensor Rear Signal Dynamic Check, Quickstart - Oxygen Sensor Rear Signal Dynamic Check Bank 2, Quickstart - Oxygen Sensor Rear Signal Responsetime Check, Quickstart - Oxygen Sensors And Catalyst, Quickstart - Parallel Fuel Trim And Mass Flow Adaption, Quickstart - Plausibility Air-Mass Sensor, Quickstart - Pre Fuel Pump, Quickstart - Pre Fuel Pump (Short-trip), Quickstart - Reductant System Consumption Monitoring, Quickstart - Reductant System Wrong Medium Detection, Quickstart - Replacement Of Turbocharger Actuator, Quickstart - Reset Of Adaption Values, Quickstart - SCR Complete System Test, Quickstart - SCR Efficiency Test, Quickstart - SCR Metering Quantity Test, Quickstart - Secondary Air System, Quickstart - Secondary Air System - Bank 2, Quickstart - Speed Increase Chassis System Bleeding, Quickstart - Summary Of Testroutines For Production, Quickstart -

Summary Of Testroutines For Production 1, Quickstart - Summary Of Testroutines For Production 2, Quickstart - Supercharger Regulation Flap Adaption, Quickstart - Throttleposition Adaption Bank 2, Quickstart - Turbo Charger, Quickstart - Turbo Charger Bypass Valve, Quickstart - Turbocharger Turbine Inlet Actuator, Quickstart - Turbocharger Wastegate Actuator, Quickstart - Variable Intake Manifold / Variable Resonance, Quickstart - Variable Valve Timing Inlet Bank 2, Quickstart - Ventilate Coolant Circuit, Quickstart - VVLI Functional Check, Quickstart - VVT Response/Stuck Check - Inlet, Quickstart - VVT Response/Stuck Check - Outlet, Quickstart - Warm-Up Procedure 1, Quickstart - Warm-Up Procedure 2, Quickstart - Warm-Up Procedure 3, Quickstart - Warm-Up Procedure 5, Quickstart - Warm-Up Procedure 6, Radiator Blind Adaptation, Radiator Blind Basic Setting, Radio Sender Transfer Setting, Rain/Light Sensor Setup, Rain/light Sensor: Adapting, Range Estimation, Read And Write Of Oil Aging Values, Read Injector Code, Read Injector Codes, Read Write History Data E Machine, Read Write History Data Inverter, Readiness Code (Automatic "End Of Line" Check), Readiness Test, Reading / Reset Of Electrical Charger Cycle Data, Reading / Reset Of Particulate Filter Statistics, Readout System State Control Module Tank Leak Detection, Real Time Monitor Thresholds, Rear Axle Full Deceleration Adjustment, Rear Axle SPECIFIED Pressure Comfort, Rear Axle SPECIFIED Pressure Fully Loaded, Rear Axle SPECIFIED Pressure Partially Loaded, Rear Axle SPECIFIED Pressure Standard, Rear Buzzer Frequency, Rear Buzzer Volume, Rear Center Belt Tensioner Deactivation, Rear Compartment Monitoring Data Set, Rear Compartment Monitoring Internal Data Set, Rear Driver Belt Tensioner Deactivation, Rear Driver Side Airbag Deactivation, Rear Fog Light Dimming, Rear Left Brake Adaptation, Rear Lid Basic Setting, Rear Lid Minimum Opening Height, Rear Lid Motor Opening Height Offset After Basic Setting, Rear Lid Opening Sender Application Data Identification, Rear Lid Opening Transmitter 1 AS, Rear Lid Opening Transmitter 1 Burst Length, Rear Lid Opening Transmitter 1 Timer 1, Rear Lid Opening Transmitter 1 Timer 2, Rear Lid Opening Transmitter 1 Timer 3, Rear Lid Opening Transmitter 1 Timer 4, Rear Lid Opening Transmitter 1 Timer 5, Rear Lid Opening Transmitter 1 Treshold 1, Rear Lid Opening Transmitter 1 Treshold 2, Rear Lid Opening Transmitter 1 Treshold 3, Rear Lid Opening Transmitter 1 Treshold 4, Rear Lid Opening Transmitter 1 Treshold 5, Rear Lid Opening Transmitter 1 Vref, Rear Lid Opening Transmitter 2 AS, Rear Lid Opening Transmitter 2 Burst Length, Rear Lid Opening Transmitter 2 Timer 1, Rear Lid Opening Transmitter 2 Timer 2, Rear Lid Opening Transmitter 2 Timer 3, Rear Lid Opening Transmitter 2 Timer 5, Rear Lid Opening Transmitter 2 Timers 4, Rear Lid Opening Transmitter 2 Treshold 1, Rear Lid Opening Transmitter 2 Treshold 2, Rear Lid Opening Transmitter 2 Treshold 3, Rear Lid Opening Transmitter 2 Treshold 4, Rear Lid Opening Transmitter 2 Treshold 5, Rear Lid Opening Transmitter 2 Vref, Rear Lid Opening Transmitter Checksum, Rear Lid Opening Transmitter Comparisson, Rear Lid Opening Transmitter Cycle Protection Activ Treshold, Rear Lid Opening Transmitter Cycle Protection Deactiv Threshold, Rear Lid Opening Transmitter Cycle Protection Decrement Interva, Rear Lid Opening Transmitter Cycle Protection Decrement Value, Rear Lid Opening Transmitter Cycle Protection Increment Value, Rear Lid Opening Transmitter Duration Sensor Request, Rear Lid Opening Transmitter Fusion Timer A1, Rear Lid Opening Transmitter Fusion Timer A2, Rear Lid Opening Transmitter Vehicle Type, Rear Lid Position For Power Latch Activation, Rear Lid Power Opening Control Unit Checksum, Rear Lid Power Opening Control Unit Data Set Version, Rear Lid Power Opening Control Unit Duration Status Request, Rear Lid Power Opening Control Unit Foot Gesture Detection Eval, Rear Lid Power Opening Control Unit Foot Gesture Detection Time, Rear Lid Power Opening Control Unit Play Protection Decrement I, Rear Lid Power Opening Control Unit Play Protection Decrement V, Rear Lid Power Opening Control Unit Play Protection Increment V, Rear Lid Power Opening Control Unit Reset All Counters, Rear Lid Power Opening Control Unit Threshold Play Protection A, Rear Lid Power Opening Control Unit Threshold Play Protection I, Rear Lid Power Opening Control Unit Transmitter 1 Active Shield, Rear Lid Power Opening Control Unit Transmitter 1 Burst Length, Rear Lid Power Opening Control Unit Transmitter 1 Control Param, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 1, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 2, Rear Lid Power Opening Control Unit Transmitter 1 Threshold

3, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 4, Rear Lid Power Opening Control Unit Transmitter 1 Threshold 5, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 1, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 2, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 3, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 4, Rear Lid Power Opening Control Unit Transmitter 1 Timer Value 5, Rear Lid Power Opening Control Unit Transmitter 2 Active Shield, Rear Lid Power Opening Control Unit Transmitter 2 Burst Length, Rear Lid Power Opening Control Unit Transmitter 2 Control Param, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 1, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 2, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 3, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 4, Rear Lid Power Opening Control Unit Transmitter 2 Threshold 5, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 1, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 2, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 3, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 4, Rear Lid Power Opening Control Unit Transmitter 2 Timer Value 5, Rear Lid Power Opening Control Unit Vehicle Type, Rear Lid Reset Normalisation, Rear Light Left 1 Parameter Set, Rear Light Left 2 Parameter Set, Rear Light Right 1 Parameter Set, Rear Light Right 2 Parameter Set, Rear Passenger Belt Tensioner Deactivation, Rear Passenger Side Airbag Deactivation, Rear Right Brake Adaptation, Rear Roof Shades Basic Setting, Rear Sliding Roof Basic Setting, Rear Sunroof Control Module Adaptation, Rear Window & Outside Mirror Heater Activation Time, Rear Wiper Comfort Function, Reception Optimization, Recirculation Pump During Auxiliary Heating, Recirculation Pump Lock Adaptation, Recirculation Pump Replacement, Redial Time Call Initiation, Redial Time Dropped Call, Redial Time Free Line, Reduced Application Force For Auto Hold Up And Downhill Swell, Reduced Current For Transponder ID Request, Reducing Fuel Pressure, Reference Channel Delay, Reference Channel Delay Adjustment, Reference Point Production, Referencing LKL1, Referencing LKL2, Regeneration Of Exhaust Gas Recirculation Cooler, Release Transmission Hydraulic Pump, Reload Pressure Sensor Identification, Remote Clock, Remote Control, Remote Control Adaptation, Remote Control Adaptation (Memory Location), Remote Control Barcode, Remote Control Erasing, Remote Control Learning, Remote Control Matching, Remote Control Rear Lid Operating Time, Remote Control Unit Learning, Remote Control: AM Frequency, Remote Control: Balance, Remote Control: Fader, Remote Control: FM Frequency, Remote Control: Function, Remote Control: Receiver, Remote Control: Source, Remote Control: Volume, Remote Door Unlock Door Status Update Delay, Remote Speed Alert Minimum Speed Limit, Remote Start Nominal Temperature, Remote Start Temperature Seat Heating, Remote Start Temperature Seat Ventilation, Remote Start Window Heating Temperature, Remote Vehicle Disabling Maximum Speed Limit, Remote Vehicle Disabling Minimum Clamp 15 Off Time, Remote Vehicle Tracking Position Timeout, Replace Control Unit: Transfer Configuration, Reset Adaptation Parameters, Reset Adaption Fuel Pressure B1S1 Upstream High Pressure Pump, Reset Adaption Of Application Point To Factory Settings, Reset Adaption Of Crankshaft Pulse Generating Wheel, Reset Adaption To Factory Setting, Reset Adaption Value, Reset Adaption Values Potentiometers In Vents, Reset AdBlue System Data, Reset After Replace Of Quantity Value And Pressure Control, Reset After Replace Pressure Supply Init Adapt Electric Motor, Reset After Replacement Energy Histogramm Engine Decoupler, Reset After Replacement Of Air Mass Flow Sensor, Reset After Replacement Of Diesel Particulate Filter, Reset After Replacement Of Differential Pressure Sensor, Reset After Replacement Of Engine Decoupler, Reset After Replacement Of Exhaust Gas Recirculation Valve, Reset After Replacement Of Injector 1, Reset After Replacement Of Injector 2, Reset After Replacement Of Injector 3, Reset After Replacement Of Injector 4, Reset After Replacement Of Lambda Sensor, Reset After Replacement Of Oxidation Catalytic Converter, Reset After Replacement Of Quantity Mean Value Adaptation, Reset After Replacement Of SCR Catalyst, Reset After Replacement Of Turbo Charger, Reset After Replacement Of Variable Oil Pump, Reset Air Mass Meter Adaptation Values, Reset All Counter, Reset All Counters, Reset Battery Charging Profiles, Reset Battery Charging Timer, Reset Brake Temperature Monitoring, Reset CAN Information, Reset Catalytic

Converter Adaptation, Reset Clutch 0 Logging Dates, Reset Clutch 1 Logging Dates, Reset Clutch 2 Logging Dates, Reset Clutch Characteristic, Reset Clutch Characteristic Clutch 0, Reset Clutch Control Travel Pressure Characteristic, Reset Clutch Pressure Sensor Adaptation, Reset Clutch Values, Reset Clutch Values For Transient Friction, Reset Clutch Values Forward, Reset Clutch Values Reverse, Reset Clutch Wear, Reset Control Unit, Reset Convertible Roof Cycles Control Value On Off, Reset Coolant Pump Adaption Values, Reset Counter For Mechanical Stress, Reset Counter For Rollover-Bar-Deployment, Reset Dead Reckoning Calibration, Reset DPF Differential Press. Sensor Adapt., Reset Drivingparts Per Shift Position, Reset DVD Juvenile Release Password, Reset Emergency Battery History, Reset Energy Management Counter, Reset Engagement Counters, Reset Exhaust Flap Control Module, Reset Factory Defaults, Reset Frequency Counter, Reset Frequency Counters, Reset Fuel On Adaption, Reset Fuel On Fuel Off Adaption, Reset Fuel Pressure Adaptation, Reset Gear Positioner Values, Reset Gearbox Mileage, Reset Headlight Regulation Counter, Reset Highest Appeared Brake Temperature, Reset Injector Adaptation Values, Reset Injector Closure Time Adaptation Values, Reset Kiss Point Adaption Fault Statistics 1, Reset Lambda Sensor Adaptation Values, reset lock sensors, Reset Magnetic Clutch Adaption, Reset Master Slave Assignment, Reset Max Value, Reset Maximum ECU Currents, Reset Maximum ECU Temperatures, Reset Maximum Smart Actuator Currents, Reset Mileage And Adaption Counter, Reset Mileage Of Rough Road Detection, Reset Misfire Adaptation, Reset MOST Bus Break Counter, Reset Of Adaption Value Current Linearization, Reset Of Adaption Value EDL Closed, Reset Of Adaption Value EDL Open, Reset of Adaption Values, Reset Of Adaption Values Gear Box, Reset Of Adaption Values Injector, Reset Of Adaption Values Oil Ageing, Reset of Adjustment/Calibration Values, Reset Of All Adaptions, Reset Of All Air Condition Counters, Reset Of All Counters, Reset of CO-Adaption Values, Reset Of CAN Message Alive Detection, Reset Of Central Signal Processing Adaption Values, Reset Of Clutch Pressure Adaption, Reset Of Combustion Chamber Pressure Sensor Adaption, Reset Of ECU In Delivery State Of Manufactor, Reset Of First Filling Status, Reset Of Hydraulic Pressur Sender 1 Offset, Reset Of Identification Data Collected On Lin Bus, Reset Of Injector Closing Time Adaption, Reset Of Preignition Counter, Reset Of Qsp Torque Display Adaption Values, Reset Of Raw Values Of Level Sensors In Rebounded Position, Reset Of Reductant System Adaption, Reset Of SCR Restriction Counter, Reset Of SCR Tank Level Sensing, Reset Of State Information, Reset Of Steering Support Adaption Values, Reset of Survey Counter, Reset of System Specific Adaption Values, Reset Of The Reversible Overcurrent Cutoff, Reset Of Tick Learner, Reset Of Tire Not Fixed Detection Adaption Values, Reset Of Zero Point Brake Pedal Position Sender, Reset Particulate Filter (b1) Adapt. Values, Reset Particulate Filter (b2) Adapt. Values, Reset Particulate Filter Adaption Values, Reset Plug-in Cycles of Charging Socket, Reset Pressure Reduction Logging Dates, Reset Rail Pressure Control Valve, Reset Rollover Trigger Counter, Reset SCR tank system adaptation, Reset Side Window Blind Normalisation Driver Rear, Reset Side Window Blind Normalisation Passenger Rear, Reset Speeding Value, Reset Standardization, Reset Start Inhibit Due To Lack Of AdBlue, Reset Start/Stop Counter, Reset Statistic Memory, Reset Stored Temperature Measured Values, Reset Temperature Model, Reset Timing Chain Adaption Values, Reset To As-Delivered Condition To Control Module Manufacturer, Reset To Basic Settings, Reset To Factory Setting, Reset To Factory Settings, Reset Total Clutch Adaption, Reset Turbocharger Adaption Values, Reset Wheel Calibration, Reset Window Regulator Adaption Driver Side Front, Reset Window Regulator Adaption Driver Side Rear, Reset Window Regulator Adaption Passenger Side Front, Reset Window Regulator Adaption Passenger Side Rear, Reset Window Regulator Normalisation Driver Side Front, Reset Window Regulator Normalisation Driver Side Rear, Reset Window Regulator Normalisation Passenger Side Front, Reset Window Regulator Normalisation Passenger Side Rear, Resetting Adaptation Variable Oil Pump, Resetting Crankshaft Sensor Wheel Adaptation Values, Resetting Misfire Adaptations, Resetting Of All Adaptation Values, Resetting Of Injector Adaptation Values, Resetting Of Learned Values Of Turbocharger, Resetting Of Oxygen Sensor Adaptation Values, Resetting Of Service-Interval Display, Response Delay To Close Rear Lid, Response Delay To Open Rear Lid, Rest Recommendation, Retract

Display, Reversing Distance At Closing, Reversing Distance At Opening, Reversing Threshold Driver Side Front, Reversing Threshold Driver Side Rear, Reversing Threshold Passenger Side Front, Reversing Threshold Passenger Side Rear, Right/left-Hand Drive Configuration, Rka Reset Dynamic Data, RKA Simulation Mode, RLE Simulation Mode, Roller Test Stand Mode, Roll-Over Bars Deactivation, Roll-Over Bars Trigger Counter Reset, Rollover Protection Test, Roof Blind Go To Service Position, Roof Blind Normalisation, Roof Blind Reset Normalisation, Roof Crash Detection Speed Limit, Roof Roller Blind Basic Setting, Roof Shade Control Module Adaptation, Roof Shades Basic Setting, RPM Threshold Engine Running, RTM Request Cycle Time, Safe Confirmation, Scan Error Time, Scan Procedure: Current Limiting On Under Voltage At Go Protocol, Scan Procedure: Cycle Convenience Coverage Limiting, Scan Procedure: Number Of Repeats, Scan Procedure: P Keyless Event Search Retries Pause, Scan Procedure: Timeout Authentication Result, Scan Procedure: Timeout Control, Scan Procedure: Timeout ID Transmitter Ready To Receive After L, Scan Procedure: Timeout LF Repetition, Scan Velocity Threshold, ScanProcedure: Timeout Entry Response, ScanProcedure: Timeout Response, SCR Inducement Operating Hour Reset, SCR Metering Quantity Test Matching, Scr System Reset, Screen Wiper Motor: Adapting, SDARS Preactivated Subscription, Seat Occupant Recognition Basic Setting, Seat Occupied Recognition, Seat Occupied Recognition Control Module Basic Setting, Seat Occupied Recognition Reset, Seatbelt Warning, Security Access (16) Adaptation (10) / Long Adaptation (0A), Security Access(16) Basic Settings (04), Security Version Number, Select Characteristics Curve, Selective (Single) Door Locking, Selector Lever Basic Setting, Selector Lever Position Sensor Calibration, Self Leveling Suspension Calibration to Determine Axle Load, Self-Levelling Suspension Activation, Self-Levelling Suspension Calibration Reset, Self-Levelling Suspension Deactivation, Self-Levelling Suspension Deactivation Permanent, Sensor Plausibility Enabling, Sensor Unit Zero Position Compensation, Sensor Wheel Adaptation, Erase Adaptation Values, Serial Tracing, Service Early Warning In Days, Service Early Warning Prediction, Service Key Clear Data, Service Light Reset, Service Mode Hybrid Drive, Service position, Service Range, Service Reminder, Service Reminder: Distance to Inspection "INSP 01", Service Reminder: Distance to Oil Service "OIL", Service Reminder: Max. Distance to Inspection "INSP 01", Service Reminder: Max. Distance to Oil Service "OIL", Service Reminder: Max. Time to Inspection "INSP 02", Service Reminder: Time to Inspection "INSP 02", Servo Pump Load Calibration, Set Actuator Volume, Set AdBlue Tank Level To "Full", Set Aging Counter, Set And Reset Parking Brake Motor Piston, Set Brake Application Signals, Set Clutch Mileage To Zero, Set Development Mode Minimum Speed Limitation, Set Function On Demand Product Data, Set Gearbox Mileage To Vehicle Mileage, Set Mapping For Injectors After ECU Replacement, Set Number 2 For Info Call, Set Number 2 For Service Call, Set Number For Info Call, Set Number For Service Call, Set Number Of Wheel Counting Impulse, Set Number Roaming For Info Call, Set Number Roaming For Service Call, Set Of Clutch Mileage To Value, Set Pay TMC, Set PLA WPCA Car Corr Factor Development, Set PLA WPCA Min Change Limit Development, Settime Trigger Entry Vehicle, Settime Trigger Exit Vehicle, Setting Center Chest Vents At Voice Control, Shock Absorber Damping Adjustment Valve Calibration, Short Average Ambient Threshold TSAA, Short Average Time Constant TCSAA, Showroom Effect, Shut Down AP, Shut Off Conditions, Shutdown Wait Time, SIA: Service Time SIA, SIA: Service Track SIA, SID Maximum Mileage To Next Oil Service, SID Maximum Time To Next Oil Service, Side Marker Lights, Side Window Blind Normalisation Driver Rear, Side Window Blind Normalisation Passenger Rear, Signal Position, SIM Card Reader Bluetooth Address, Single Gear Indicator Adjustment, Slide Show Frame Rate, Sliding Roof Basic Setting, Sliding Sunroof Basic Setting, Sliding Sunroof Go To Service Position, Sliding Sunroof Normalisation, Sliding Sunroof Reset Normalisation, SLWR Counter Left, SLWR Counter Right, SmAct Volume Adjustment, SMS Call Delay, SMS Phone Number 1, SMS Phone Number 2, Soft Stop Tolerance Zone, Softgap In, Softgap Out, Softgap Down, Soot Entry, Softgap Up, Speakers/Model, Special ID PQ25 Calibration, Specified Pressure Front Axle 1, Specified Pressure Front Axle 2, Specified Pressure Front Axle 3, Specified Pressure Line Selection At EOL, Specified Pressure Rear Axle 1, Specified Pressure Rear Axle 2, Specified Pressure Rear Axle 3, Specified Tire Pressure at Full Load

(Front Axle), Specified Tire Pressure at Full Load (Rear Axle), Specified Tire Pressure at Partial Load (Front Axle), Specified Tire Pressure at Partial Load (Rear Axle), Speed Adaptation Of Coolant Pump, Speed Limit For Destination Entry, Speed limit Maneuver Situation, Speed Shutoff Threshold Compressor Run In, Speed Threshold, Speed Threshold 1, Speed Threshold 2, Speed Threshold 3, Speed Threshold For "Car Is Driving", Speed Threshold For Destination Input, Speed Threshold For Driving Cycle Detection, Speed Threshold For Moving Vehicle Detection, Speed Threshold For Start Request Plausibility, Speed Threshold For Terminal 15 Emergency Shutoff, Speed Value For Testing Mode, Stall Current Measuring Mode Deactivation Distance, Standard Dimming Value ZAT, Start / Stop Restart Delay, Start Automatic Trans Fluid Pressure Accumulator Discharge, Start Automatic Transmission Fluid Pressure Accumulator Charge, Start Brake Pad Replacement Mode, Start of Injection, Start Particle Desulfurization, Start Stop Voltage Limit, Start Up EOL Pressurized Gasoline Fuel Tank Refueling Condition, Start/stop Function: Activate/deactivate Temporarily, Starting Conditions, Starting torque adjustment, Starting Torque Calibration, Starting Vibration Reduction Adjustment, Start-Up Coolant Circuits Filling, Start-Up Desulfurization In Standing Position, Start-Up EGR Cooler Rinsing, Start-Up Learning Of Measured Soot Mass, Start-Up Pressurized Gasoline Fuel Tank Isolation Valve Open, Start-Up Refrigerant Circuit Filling, Start-Up Refrigerant-And Coolant Circuits Filling, Start-Up Refueling Condition Pressurized Gasoline Tank, Start-Up Regen Of Particulate Filter In Standing Position, Start-Up Regeneration Diesel Particulate Filter During Drive, Start-Up Regeneration Of Particulate Filter During Drive, Startup Screen Sticker HMI, Start-Up Test Accumulator, Start-Up Test Brake Booster, Static Calibration Routine, Static Calibration Routine Overrun, Static Top Speed Limitation, Stationary DPF Regeneration, Statistic Phev Mileage, Steer To Center Position, Steering Angle Initialization, Steering Angle Sender - Reset Zero Point, Steering Angle Sender - Set Zero Point, Steering Angle Sensor, Steering Angle Sensor Alignment, Steering Angle Sensor Basic Setting, Steering Angle Sensor Calibration, Steering Assist Without Engine Running, Steering Assistance Level Adjustment, Steering Basic Setting, Steering Column Basic Setting, Step Size For Final Control Test Close Rear Lid, Step Size For Final Control Test Open Rear Lid, STH Post Heating Time Duration, Stop Limit Of Potentiometers In Vents, Stop Routine Coolant Circuit Filling Flushing, Stop Routine Refrigerant Circuit Filling Flushing, Stop Value Of Potentiometers In Vents, Storing Air Recirculation Function After Terminal 15 Off, Street Light Brightness Threshold Highway TSLBH, Street Light Brightness Threshold Village TSLBV, Street Light Brightness Time Constant TCSLB, Streetlights Time Constant TCSL, Structure-Borne Noise Volume Adjustment, SuFK Development Massage, Summary Reset After Replacement Of Reductant System Components, Sun Roof Basic Setting, Sun Shade Basic Setting, Sunroof Control Module/No Basic Setting, Sunroof Shade Control Module Basic Setting, Supplementary Heater: Adaptation Of The Component <remote Contr, Supplementary Heater: Adapting, Supplementary Heater: Reset Adaptation Values, Supplementary Heater: Reset Starter Interlock, Supplementary Heater: Test, Swap Function Activate, SWaP Function Crypt Data ID, SWaP Function Transfer Crypt Data, Swirl Flap Basic Setting, Swirl Flap Basic Setting (Bank 1), Swirl Flap Basic Setting (Bank 2), Switch-Off Delay (Low Beam), Switchover To The High Oil-Pressure Level, System Data Part 11 Rear, System Data Part 12 Rear, System Data Part 14 Rear, System Data Part 7, System Data Part 8, System Parameters Part 10 Rear, System Shut-off, System Test Turbo Charger Bypass Flap, T1 Normal Signal Break Time, T2 Scaling Signal Break Time, T2 Scaling Signal Rate, T2 Scaling Signal Start Up Time, T3 Handshaking Signal Break Time, T4 Error Signal Break Time, T4 Error Signal Number Of Tones, T4 Error Signal Rate, T5 ASD Activate Signal Number Of Tones, T5 ASD Active Signal Break Time, T5 ASD Active Signal Rate, Tail Light Dimming, Take Back Of The Reversible Crash Cutoff, Tank Characteristic (Additional Functions), Tank Characteristic (Dry Calibration), Tank Characteristic (Fuel Level Sensor 1), Tank Characteristic (Fuel Level Sensor 2), Tank Characteristic (Fuel Level Sensor), Tank Characteristic (Full Calibration), Tank Characteristic (Not Detectable Tank Volume), Tank Characteristic (Wet Calibration), Target Soc Production Mode, Telematics, Telephone Basic Volume, Telephone Basic Volume Adjustment, Telephone Handset Connect, Telephone Number Information Service, Telephone Number Roadside

Assistance, Temp Threshold Activate Climate Control, Temp Threshold Auxiliary Heater: Full Load After Partial Load, Temp Threshold Auxiliary Heater: Partial Load After Full Load, Temp Threshold Auxiliary Heater: Start After Control Pause, Temp Threshold Big To Med, Temp Threshold Big To Power, Temp Threshold Low To Control Pause, Temp Threshold Low To Med, Temp Threshold Med To Big, Temp Threshold Med To Low, Temp Threshold Power To Big, Temp Threshold Start Out Of Control Pause, Temp Threshold Start To Control Pause Or Heating Mode, Temperature Clamping After Evaporator, Temperature Compressor For Speed Increase, Temperature Difference For Bypass Valve Opening, Temperature Reference, Temperature Threshold Auxiliary Heater: Control Pause, Temperature Threshold For Activation Of Auxiliary Heater, Temperature Threshold: Ambient Temperature, Temperature Threshold: Coolant Temperature, Terminal 61 Function Enabling, Terminal S Timeout, Test AdBlue metering valve spray pattern, Test Mode End Distance, Test Mode Trigger Time, Test Registration Period, Thermal Load, Throttle Body, Throttle Body Alignment, Throttle Body Cross-Sectional Area Reset, Throttle Valve Adaptation, Throttle Valve Adaption, Throttle Valve Basic Setting, Throttle Valve Basic Setting (bank 1), Throttle Valve Basic Setting (bank 2), Throttle Valve Control Module Adaptation, Throttle Valve Control Module Reset, Throttle Valve Control Unit Reset, Throttleposition Adaptation, Tilt Sensor Sensitivity, Time, Time Bypass Valve Activated After Caster Finished, Time For Compressor At Terminal 15 On, Time For Neck Heating Power Reduction Level 2 To Level 1, Time For Neck Heating Power Reduction Level 3 To Level 2, Time For Opening Bypass In Control Pause, Time For Seat Heating Power Reduction In Highest Level, Time For Seat Heating Power Reduction Level 2 To Level 1, Time For Seat Heating Power Reduction Level 3 To Level 2, Time Frame VIP Kick Forecast, Time Sensor Power Off Group 2, Time Setup (Hour), Time Setup (Minute), Time Since Inspection, Time since Service, Time To Drive Cycle Detection, Time To Ignore Ignition Trigger, Time To ZAT Open Circuit Detection, Time To ZAT Short Circuit Fault Detection, Time Window For Opening Further Than Programmed Interstop, Time ZAT Actuation Detection, Time ZAT Lock After Emergency Shutoff, Time ZAT Lock After Normal Shutoff, Time, Hour, Time, Minute, Timeframe Request Immobilizer Terminal Approval, Timeout Convenience Coverage Limiting, Timeout Trigger Terminal Deactivation Central Locking, Timer Sporadic MOST Open Circuit, Timing Chain Lengthening Reset After Replacing Chain, Tiptronic Steering Wheel Button Adjustment, Tire Circumference, Tire Diameter, Tire Pressure Adaptation, Tire Pressure Control Monitoring, Tire Pressure Monitoring System (Tpms) Reset, Tire Pressure Monitoring System Configuration, Toggle Offtime Other Door Handle, Toggle Offtime Same Door Handle, Tolerance Band Of Basic Adjustment Flap End Stops, Tolerance Band Of Flap End Stops, Tolerance Compressor Speed In Compressor Inlet, Tolerance Compressor Speed In Normal Service, Tolerance Range For Flap End Stops, Tolerance Time For Compressor Speed Variance, Tone Pitch Of Acoustic Warning, Top Speed Configuration, Torque Limitation, Torque Steer Compensation (TSC), Torque Test, Total Consumption, Touchpad Illumination Test, Tourist Solution, TPM Individual Specified Pressure Adjustment, Tracking Assistant Activation Request, Tracking Assistant Check Contract Duration, Tracking Assistant Program Driver Cards, Tracking Assistant Self Test, Tracking Assistant Send Test Message, Trailer Stabilization, Trailer Stabilization Enabling, Transfer Configuration, Transmission Adaptation Basic Setting 1, Transmission Adaptation Basic Setting 2, Transmission Adaptation Basic Setting 3, Transmission Grade (Front Window), Transmission Housing Serial Number, Transmission Oil Level Test, Transmission Rapid Adaption, Transmission Ratio Engine Air Conditioner Compressor, Transmission Ratio Of AC Compressor, Transmission Ration Engine Air Conditioner Compressor, Transmission Setting Adaption, Transmission Type, Transport Mode Deactivation Distance, Transport/Service Mode, Transportation Mode, Travel/Tourist Mode, Trigger CAN Speed, Turbo Charger Boost Control Reset, Turbo Charger Boost Control Solenoid Adaptation, Turbocharger Basic Setting, Turbocharger Offset Correction, Turn Signal Dimming, Turn Signals in Side Rear View Mirror, Tyre Pressure Sensor Adaptation, Undervoltage Heater Turn-Off, Universal Preparation For Mobile Telephone, Unlearning Calibration Of Luggage Compartment Cover, Unlock Actuator System, Unlock Blink, Unlock Horn, Unlocking Confirmation (Key Switch), Unlocking Confirmation (Remote



Control), Unlocking With Key Switch Optical Feedback, Unlocking With Remote Control Opt. Feedback, Uphill Assist Gradient Threshold, Upper Limit Of Air Regulation Downstream Of Evaporator, Upper Locking Range, Upper Stop Maximum Value, Upper Stop Minimum Value, User Profile Name, User Profile Name Customer Paid Connection, User Profile Password, V Limit KL30 Disconnect, Vacuum Level / Hydraulic Brake Booster (HBO/HBV), Vacuum Pump For Brake System, Vacuum Pump Test (Short Trip), Variant Encoding, Variants Reduction, Vehicle Equipment Code And Production Number Combination, Vehicle Excess Length, Vehicle Excess Width, Vehicle Health Report, Vehicle Height Learning, Vehicle Identification Number, Vehicle Identification Number Programming, Vehicle Identification Number Provisional, Vehicle Length Adjustment, Vehicle Mileage Challenge Adaptation, Vehicle Not Cooling, Vehicle Not Heating, Vehicle Road Curb Distance, Vehicle Width Adjustment, Vent ESP Hydraulic System, Verify Variant Encoding, VIC Parameters, Village Detect Highway Speed Threshold, Visual Comfort Operating/Closing Confirmation, Visual Display Adjustment, Visual Feedback When Locking/Unlocking, Visual Locking Confirmation, Voice Output Basic Volume, Voice Output Basic Volume Adjustment, Voice Output External Emergency Speaker, Voltage Monitoring: Overvoltage Delta, Voltage Monitoring: Overvoltage For KESSY ECU, Voltage Monitoring: Overvoltage For Keyless Go, Voltage Monitoring: Overvoltage Jumpstart 2 Delta, Voltage Monitoring: Undervoltage Delta, Voltage Monitoring: Undervoltage For KESSY ECU, Voltage Monitoring: Undervoltage For Keyless Go, Voltage Monitoring: Undervoltage Jumpstart 1 Delta, Volume Of Fuel Tank, Volume Offset, Volume Output, Volume with Convertible Top Open, VOS Parameters, VW Common Application Data Identifier, VW ECU Hardware Version Number, Wake Up Monitor Reset History Data, Wake Up Monitor Reset Of Adaptions, Warning Lamp Enabling, Warning Lamp Test, Weapons Box Adaption, Wheel / Tire Description, Wheel Base, Wheel Circumference, Wheel Circumference Adjustment, Wheel Impulse, Wheel Set Selection, Wheel Torque Limitation, Wind Deflector Denormalisation, Wind Deflector Normalisation, Wind Deflector Original Position, Wind Deflector Service Position, Window Condensation Parameter For Start/Stop Function, Window Regulator Adaption Driver Side Front, Window Regulator Adaption Driver Side Rear, Window Regulator Adaption Passenger Side Front, Window Regulator Adaption Passenger Side Rear, Window Regulator VW Settings Driver Side Rear, Window Regulator VW Settings Passenger Side Rear, Wiper Angle Interval Position Adaptation, Wiper Angle Lower Turning Point Adaptation, Wiper Angle Park Position 1 Adaptation, Wiper Angle Park Position 2, Wiper Angle Service Position Adaptation, Wiper Angle Upper Turning Point Adaptation, Wiper Error Mask Mitsuba Development, Wiper Motor Control Unit Data Set, Wiper Motor Control Unit Data Set 2, Wiper Motor Control Unit Data Set 3, Wiper Motor Control Unit Data Set 4, Wiper Setup, WIV: Distance From Inspection, WIV: Max Value Km Mileage / Inspection, WIV: Max Value Of Time Between Inspections, WIV: Min Value Of The Time Between The Inspections, WIV: Min. Km Driving Performance / Inspection, WIV: Russian Entry, WIV: Thermal Load, WIV: Time From Inspection, WIV: Total Consumption, WLAN Default Channel, WLAN Dynamic Host Configuration Range, Write Configuration, Write Gateway Control Unit Configuration, Write Injector Codes, Write Key Content, Yaw Rate Sensor Detection, ZAT Clamp 58xt Signal Factor, ZAT Clamp 58xt Signal Offset, ZAT First Case Time High Low State, ZAT First Rise Time Low High State, ZAT Init Value, ZAT Motor Signal Timer 1, ZAT Motor Signal Timer 2, ZAT Nominal Voltage, ZAT Post Carridge During Clamp 15 Off, ZAT Pwm Offset 1 Lower Limit, ZAT Pwm Offset 2 Lower Limit, ZAT Pwm Peak1 Upper Limit, ZAT Pwm Peak2 Upper Limit, ZAT Second Case Time High Low State

### **2947 new Actuation type special test:**

1000W PTC Auxiliary Air Heater, 3rd Brake Light, 5th Camera Activation Request Control Value 1, A/C Clutch Relay Control Circuit, A/C Compressor, A/C Compressor Engagement, A/C Compressor Magnetic Coupling, A/C Compressor Regulator Valve, ABS Motor, ABS Return Flow Pump Control Value On OFF, ABS Return Flow Pump VW Local Control State, AC Compressor Control Valve, Ac/heat Output Test, Acc Button Led, Acc. Ped. Press. Point Generation, Accelerator Ped Mod Actuator Functional Chk VW Com

Ctrl State, Access Setup Tool Test Control Value, Accumulator Activation Test Control Value Moving Volume, Accumulator Activation Test Control Value Piston Speed, Accumulator Activation Test Control Value Smart Actuator Speed, Acoustic Check Of Loudspeaker Channel 1 Test, Acoustic Check Of Loudspeaker Channel 10 Test, Acoustic Check Of Loudspeaker Channel 11 Test, Acoustic Check Of Loudspeaker Channel 12 Test, Acoustic Check Of Loudspeaker Channel 13 Test, Acoustic Check Of Loudspeaker Channel 14 Test, Acoustic Check Of Loudspeaker Channel 15 Test, Acoustic Check Of Loudspeaker Channel 16 Test, Acoustic Check Of Loudspeaker Channel 17 Test, Acoustic Check Of Loudspeaker Channel 18 Test, Acoustic Check Of Loudspeaker Channel 19 Test, Acoustic Check Of Loudspeaker Channel 2 Test, Acoustic Check Of Loudspeaker Channel 20 Test, Acoustic Check Of Loudspeaker Channel 21 Test, Acoustic Check Of Loudspeaker Channel 22 Test, Acoustic Check Of Loudspeaker Channel 23 Test, Acoustic Check Of Loudspeaker Channel 24 Test, Acoustic Check Of Loudspeaker Channel 3 Test, Acoustic Check Of Loudspeaker Channel 4 Test, Acoustic Check Of Loudspeaker Channel 5 Test, Acoustic Check Of Loudspeaker Channel 6 Test, Acoustic Check Of Loudspeaker Channel 7 Test, Acoustic Check Of Loudspeaker Channel 8 Test, Acoustic Check Of Loudspeaker Channel 9 Test, Acoustic feedback buzzer - Chime, Acoustic feedback Chime, Acoustic feedback of the turn signal, Acoustic Gong, Acoustic Signal Sensor, Acoustic Test Signal, Acoustics, Act Tst Precrash ICM Disp Text Ctrl ICM Disp Text, Act Tst Precrash Pretens Ctrl Tensioning Char, Act Tst Precrash Veh Conditioning Ctrl Veh Conditioning, Activate Anti-Theft Alarm, Activate Component Protection, Activate ESP System/Function Test, Activate LEDs, Activated Charcoal Filter Shutoff Valve, Activated Charcoal Filter Shutoff Valve VW Common Control State, Activation Emergency Brake, Activation Jerky Braking Movement, Activation Of Anti Theft Alarm System Control Value, Activation Of Parking Spot Search Park Assist Control Value, Active Headrest Control Onoff, Actuate Charging Connection 1, Actuate Charging Connection 2, Actuate Vehicle Front Left Control Value Onoff, Actuate Vehicle Front Right Control Value Onoff, Actuate Vehicle Rear Left Control Value, Actuate Vehicle Rear Right Control Value Onoff, Actuation Ifl Valve, Actuation Ifr Valve, Actuation Lpf1 Valve, Actuation Lpf2 Valve, Actuation Mci1 Valve, Actuation Mci2 Valve, Actuation Ofl Valve, Actuation Ofr Valve, Actuation Pump, Actuation Ri Emb, Actuation Ri Emb (2), Actuation Rr Emb, Actuation Rr Emb (2), Actuation Vacuum Pump1, Actuation Vacuum Pump2, Actuator 1 For engine noise generation Control Value, Actuator 1 For Engine Sound Generation, Actuator 1 For Engine Sound Generation VW Common Control State, Actuator For Camshaft Adjustment Actuator, Actuator For Camshaft Adjustment Position, Actuator For Structure-Borne Sound, Actuator For Structure-Borne Sound Control Value, Actuator For Structure-Borne Sound VW Common Control State, Actuator For Valve Lift Adjustment Inlet VW Common Ctrl State, Actuator For Vlv Lift Adjustment Inlet Bank 2 VW Com Ctrl State, Actuator Structure-Borne Noise, Actuator Test Crash Intensity 1, Actuator Test Crash Intensity 2, Actuator Test Crash Intensity 3, Actuator Test Crashsignal Control Crash Direction, Actuator Test Crashsignal Control Crash Intensity, Actuator Test Crashsignal Control Onoff, Actuator Test Highvoltage Disable, Actuator Test Highvoltage Disable Control Highvoltage Disable, Actuator Test Highvoltage Disable Control Onoff, Actuator Test LED Bar Control Value Frequency, Actuator Test Precrash ICM Display Text, Actuator Test Precrash ICM Display Text Control Onoff, Actuator Test Precrash Pretensioner Control Onoff, Actuator Test Precrash Pretensioner Control Side, Actuator Test Precrash Vehicle Conditioning, Actuator Test Precrash Vehicle Conditioning Control Onoff, Actuator Test USM Control Crash Severity, Actuator Test USM Control Onoff, Actuator Test USM Crash Type Front Driver, Actuator Test USM Crash Type Front Passenger, Actuator Test USM Crash Type Pedestrian Protection, Actuator Test USM Crash Type Rear Driver, Actuator Test USM Crash Type Rear Passenger, Actuator Test USM Crash Type Rollover, Actuator Test USM Crash Type Side Driver, Actuator Test USM Crash Type Side Passenger, Actuatoric Test Actuationtime, Actuatoric Test Control Value Actuationtime, Actuatoric Test Control Value Delaytime, Actuatoric Test Delaytime, Adblue 4/2-Way Valve, Adblue Circuit Leak Test, AdBlue Delivery Pump, AdBlue Dosing Valve, Adblue Pump/pipe Heating, Adblue Return Delivery, Adblue Switching Valve, Adblue Tank Heating, Adblue Tank Heating 1 Actuation, Adblue Tank Heating 2 Actuation, Add

Highbeam Test Controlstate Data 2, Addit. Cooling Medium Pump Relay, Additional Air Heating, Additional Air Heating Control Value On Off, Additional Air Heating Input Output Control Parameter, Additional Air Heating VW Common Control State, Additional Heater Activation Test Control Value, Additional Heater Activation Test Input Output Ctrl Parameter, Additional Hydraulic Pump For Gearbox, Additional Hydraulic Pump For Gearbox Control Value, Additional Interior Light Test Control Value Can Signal, Additional Interior Light Test Control Value Indication Light, Additional Interior Light Test Control Value Interior Light, Additional Light Functions Test Control Value, Additional Main Beam Test Control Value, Additional Turn Signal Test Control Value Left, Additional Turn Signal Test Control Value Right, Adjust Mirror Inward, Adjustable Rear Spoiler Indicator Light Test Control Value, Adopt.of Unfiltered Ambient Temp., Aerial Entry And Strt Authorisation Lt Diag Ctrl Val, Aerial Entry And Strt Authorisation Rt Diag Ctrl Val, Aerial For Entry And Start Authorisation Left Diag Ctrl Value, Aerial For Entry And Start Authorisation Right Diag Ctrl Value, AGW Test Control Value Blink Frequency, AGW test control value suppression icon combi, Air Cond Perfomance Tst Fr And Rr VW Com Ctrl St, Air Condit. Compressor Actuation, Air Condition Compressor Activation, Air Condition Compressor Activation Control Value On Off, Air Condition Compressor Activation Input Output Ctrl Parameter, Air Condition Compressor Activation Setpoint, Air Condition Compressor Activation VW Common Control State, Air Conditioner Compressor Regulating Valve Test Control Value, Air Conditioner Performance Test, Air Conditioner Performance Test Control Value On Off, Air Conditioner Performance Test Input Output Control Parameter, Air Conditioner Performance Test VW Common Control State, Air Dist Flap Front Ctrl Motor Input Output Control Parameter, Air Distribution Flap Front Control Motor Footwell Setpoint, Air Distribution Flap Front Control Motor Setpoint, Air Distribution Flap Front Control Motor Sollwert, Air Distribution Flap Rear Control Motor Control Value On Off, Air Distribution Flap Rear Control Motor Setpoint, Air Distribution Front Control Motor Control Value On Off, Air Distribution Front Control Motor Setpoint, Air Filter Flap, Air Filter Flap Bank 2 VW Common Control State, Air Filter Flap VW Common Control State, Air Flap Actuator, Air Flow Flap, Air Flow Flap Control Motor, Air Flow Flap Positioning Motor Control Value On Off, Air Recirculation Flap Control Motor, Air Recirculation Flap Positioning Mot VW Com Ctrl St, Air Recirculation Flap Positioning Motor Control Value On Off, Air Recirculation Flap Positioning Motor Setpoint, Air Spr Additional Vol Vlv 1 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 2 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 3 Actuation Tst Ctrl Val Onoff, Air Spr Additional Vol Vlv 4 Actuation Tst Ctrl Val Onoff, Air Supplementary Heating, Air Valve Secondary, Airbag Crash Signal Rest Of World, Airbag Indicator Light Off, Airflow Vlv Ctrl Hyb Batterie Airflow Vlv Tar Pos, Alarm Horn, Alarm Horn Test Control Value, All Lights Rear Left Control Value, All Lights Rear Middle Control Value, All Lights Rear Right Control Value, All Radiator Cooling Fans, All Radiator Cooling Fans VW Common Control State, All Wheel Check Control Value Open Close, Alternator Shut Off VW Common Control State, Alternator Test 15.0 V, Alternator: Functional Test, Ambient Illumination Test Control Value, Ambient Illumination Test Control Value Channel 1, Ambient Illumination Test Control Value Channel 2, Ambient Illumination Test Control Value Channel 3, Ambient Illumination Test Control Value Channel 4, Ambient Illumination Test Control Value Channel 5, Ambient Illumination Test Control Value Start Parameter, Ambient Light Door Driver Side Front: Contour Lighting, Ambient Light Door Driver Side Rear: Contour Lighting, Ambient Light Door Passenger Side Front: Contour Lighting, Ambient Light Door Passenger Side Rear: Contour Lighting, Ambient Lighting Channel 1 Test Control Value, Ambient Lighting Of Center Console Test Control Value, Ambient Lighting Of Cup Holder Test Control Value, Ambient Lighting Power Supply Test Control Value, Ambient Lighting Rear Channel 1 Test Control Value, Ambient Lighting Roof Channel 1 Test Control Value, Ambient Lighting: Channel 1, Analog Clock, Analog Clock Test, Analog display for fuel supply, Analog Display For Speed, Analog Indicators, Analog Instruments, Analog Signal Muting, Analogue display for coolant temperature VW Com Ctrl St, Analogue display For speed, Ancillary Coolant Pump, Antenna Pow Adjustment Loop Test VW Common Ctrl State Sig Path, Antenna Power Adjustment Loop Test VW Common Control State 1, Antenna Power Adjustment Loop Test VW Common Control State 2, Anti

Dazzle Interior Mirror Indicator Lamp Control Value On Off, Anti-Theft Alarm Siren/horn, Anti-Theft Device, Antn Pow Adjustment Loop Test VW Common Ctrl State Trans Power, Anzeigetest Sitzheizungsstufe Hinten LED-Anzeige Sitzheizung Hi, Apply Brake Pads Control State, Apply Brake Pads Control Value On Off, Apply Brakes Control State, Apply Brakes Control Value On Off, Approach Brake Pads Control State, Approach Brake Pads Control Value On Off, arial at bumper for access and start authority-activate, arial at luggage space for access and start authority-activate, arial driver side for access and start authority-activate, arial passenger side for access and start authority-activate, arial 1 in cabin room for access and state authority-activate, arial 2 in cabin room for access and state authority-activate, Arrange Seat Control Value, Arrange Seat Control Value Backrest Inclination Adjustment, Arrange Seat Control Value Belt Height Adjustment, Arrange Seat Control Value Headrest Height Adjustment, Arrange Seat Control Value Headrest Longitudinal Adjustment, Arrange Seat Control Value Lumbar Support Height Adjustment, Arrange Seat Control Value Seat Depth Adjustment, Arrange Seat Control Value Seat Height Adjustment, Arrange Seat Control Value Seat Inclination Adjustment, Arrange Seat Control Value Seat Longitudinal Adjustment, Arrange Seat Control Value Upper Backrest Adjustment, Arrange St Ctrl Val Lumbar Support Lngitdnl Adj, ASR/ESP Control Lamp, ASTA Sensor Function Test Control Value, Audio Channel Test Left, Audio Channel Test Right, Audio Loop Back, Audio Mute By CAN, Audio Mute By Wire, Auto-Hold Function Lamp (Activation), Auto-Hold Indicator Lamp, Auto-Lock/Unlock for Rear Lid, Automatic Activation Of All Control Motors Control Value On Off, Automatic Calibration Headlamp Test Mode Control Value, Automatic Day Night Exterior Mirror Test Control Value, Aux Pump, Aux.coolant Pump High-Temp. Circ., Aux.coolant Pump Low-Temp.circuit, Auxiliary Air Heating Controlled Test Control Value On Off, Auxiliary Air Heating Test Control Value, Auxiliary Coolant Pump For Turbocharger VW Common Control State, Auxiliary Coolant Pump Relay, Auxiliary Fuel Pump Relay, Auxiliary Heater Fuel Supply, Auxiliary Heater Heater Element, Axle Differential Lock Check Control Value Open Close, Backlash Cmpstn Reversal Actuation Act Tst Ctrl Val, Backlight Control Value, Backlight Control Value Backlightonoff, Backrest Adjustment, Backrest Heating Fond Left Control Value On Off, Backrest Heating Fond Right Control Value On Off, Backrest Inclination Adjustment Test Control Value, Backrest Inclination Adjustment Test Direction Of Movement, Back-Up Lights, Back-Up Lights Left, Back-Up Lights Right, Balacing Mode Cell 1 Balancing, Balacing Mode Cell 2 Balancing, Balacing Mode Cell 3 Balancing, Balacing Mode Cell 4 Balancing, Bank 1 Camshaft A (Intake) Position Actuator, Bass Speaker Front, Bass Speaker Front Left, Bass Speaker Front Left Control Value, Bass Speaker Front Right, Bass Speaker Front Right Control Value, Bass Speaker Rear Left Control Value, Bass Speaker Rear Right Control Value, Battery Capacity Display Test, Battery Charging Button Indicator Light, Battery Charging Button Indicator Light Control Value, Battery Disconnecting Relay Test Control Value, Belt Comfort Fit Actuator, Belt Feeding Device Test Control Value, Belt Height Adjustment Test Control Value, Belt Indicator Lamp, Blinker Rear Left, Blinker Rear Right, Blinkers, Blinkers Bulb Front Left, Blinkers Bulb Front Right, Blower Activation Control Value On Off, Blower Activation Input Output Control Parameter, Blower Activation Setpoint, Blower Activation Sollwert, Blower Activation tension, Blower Front Intervallbetrieb, Blower Front Sollwert, Blower Rear Intervallbetrieb, Blower Rear Sollwert, Bluetooth, Bluetooth Connection Last Device, Bluetooth Paging, Boost Pressure, Boost Pressure Actuator, Boost Pressure Actuator 1, Boost Pressure Actuator 2, Boost Pressure Control Solenoid Valve, Brake Activation Test Control Value, Brake Activation Test Control Value Control Input Rod Distance, Brake Activation Test Control Value Input Rod Speed, Brake Activation Test Control Value Speed Input Rod, Brake Booster Relay Vacuum Pump, Brake Booster Relay Vacuum Pump VW Common Control State, Brake Booster Vacuum Pump, Brake Indicator Lamp, Brake Light, Brake Light By ECD, Brake Light By ECD Brake Light By ECD, Brake Light By Ecd Control State, Brake Light By ECD Control Value On OFF, Brake Light By ECD IO Control Option Brake Light By ECD, Brake Light By ECD VW Local Control State, Brake Light Left, Brake Light Left Test Control Value, Brake Light Right, Brake Light Right Test Control Value, Brake Light Test Control Value, Brake Lights, Brake Pedal Appliance Control Value BLS-Control, Brake Pedal Appliance Control Value Brake Light

Activation, Brake Pedal Appliance Control Value PAR Control, Brake Pedal Appliance Control Value PAR-Control, Brake System Warning Lamp, Brake System Warning Lamp Brake System Warning Lamp, Brake Wear Indicator Lamp, Break Recommendation Indication Test, Break Recommendation Indication Test Control Value, Bumper Light Rear Left, Bumper Light Rear Right, Button Automated Driving Lighting Test Control Value, Button Indicator Light Test Control Value, Button Indicator Light Test Control Value Indicator Lights, Button Indicator Light Test Control Value Kontrollleuchten, Button Indicator Light Test Control Value Start Parameter, Button Indicator Light Test Indicator Lights, Bypass Valve Electric Machine VW Common Control State, Bypass Valve For Electric Supercharger VW Common Control State, cabin room scan keyminder, cabin room scan transponder id request, Cabin Room Scan Keyminder Control Cyclic On Off Time, Cabin Room Scan Keyminder Timeparameter, Cabin Room Scan Transponder Id Request Timeparameter, Cabn Room Scan Trans ID Req Ctrl Cyclic On Off Time, Cabriolet Windbreak Motor Test Control Value On Off, Camera Heating Control Value, Camera Shutter, Camshaft Adjustment, Camshaft Pos Actuator Exhaust 1, Camshaft Pos Actuator Exhaust 2, Camshaft Pos Actuator Intake 2, Camshaft Position Actuator Exhaust 1, Camshaft Position Actuator Exhaust 1 VW Common Control State, Camshaft Position Actuator Exhaust 2, Camshaft Position Actuator Exhaust 2 VW Common Control State, Camshaft Position Actuator Intake 1, Camshaft Position Actuator Intake 1 VW Common Control State, Camshaft Position Actuator Intake 2, Camshaft Position Actuator Intake 2 VW Common Control State, Can Signal Muting, CAN-Powertrain: Sleep Acknowledge Bit (Terminal 15 OFF), CD ROM Drive Quick Test Control Value, CD/DVD Ejection, Ceiling Light Mod Int And Read Lights Tst Ctrl Val, Ceiling Light Module Int And Reading Lights Test Ctrl Value, Cell Balacing Control Cell 1 Balancing, Cell Balacing Control Cell 2 Balancing, Cell Balacing Control Cell 3 Balancing, Cell Balacing Control Cell 4 Balancing, Cen Lck Rr Ctrl Tst Ctrl Val Cen Lck Rr Lt, Cen Lck Rr Ctrl Tst Ctrl Val Cen Lck Rr Rt, Cen Lck Rr Ctrl Tst Ctrl Val Rr Lck Ctrl, Center Midrange/Treble Speaker, Center Speaker, Center Speaker Control Value, Central Flap Control Motor, Central Flap Positioning Motor, Central Locking Aerial Diagnosis Control Value, Central Locking Front Control Actuation Time, Central Locking Front Control Start Parameter, Central Locking Indicator Lamp, Central Locking Indicator Light Test Control Value, Central Locking Motors, Central Locking Rear Control Actuation Time, Central Locking Rear Control Start Parameter, Central Locking Rear Control Test Control Value Front Left, Central Locking Rear Control Test Control Value Front Right, Central Locking Rear Control Test Control Value Side Selection, Central Locking Rear Control Test Control Value Start Parameter, Central Locking Rear Control Test Sliding Door Driver Side, Central Locking Rear Control Test Sliding Door Passenger Side, Central Locking Rear Lid Lock Unit Test Sequence Control Value, Central Locking Sliding Door Test Control Value Start Parameter, Central Locking Sliding Door Test Sliding Door Driver Side, Central Locking Sliding Door Test Sliding Door Passenger Side, Central Locking System Locking Unit, Rear Lid, Central Locking System: Close, Central Locking System: Open, Central Locking Test Control Value, Central Locking Unlock Doors Control Value, Central Locking: Lock, Central Locking: Remote Control, Central Locking: Unlock, Central Vents Control Motor, Centre Left Vent Positioning Motor Control Value On Off, Centre Right Vent Positioning Motor Control Value On Off, Centre Vent Positioning Motor Control Value On Off, Charge Air Cooler Coolant Pump, Charge Air Cooler Flap VW Common Control State, Charge Flap Lock A Control Value Connector Locking, Charge Flap Lock A Control Value Flap Locking, Charge Flap Lock B Control Value Connector Locking, Charge Indicator Lamp 1, Charge Indicator Lamp 2, Charge Motion Valve, Charge Motion Valve 1, Charge Motion Valve 1 VW Common Control State, Charge Motion Valve 2, Charge Motion Valve 2 VW Common Control State, Charge Motion Valve VW Common Control State, Charge-Air Cooler Clnt. Mix.valve, Charging Con A Ind Lights Tst Ctrl Val Con Lck, Charging Con A Ind Lights Tst VW Com Ctrl St, Charging Con A Lck Tst Ctrl Val Con Lck, Charging Con B Ind Lights Tst Ctrl Val Con Lck, Charging Con B Ind Lights Tst VW Com Ctrl St, Charging Con B Lck Tst Ctrl Val Con Lck, Charging Connector A Ind Lights Test Ctrl Val Connector Locking, Charging Connector A Indicator Lights Test Control Value LED, Charging Connector A Locking Test, Charging Connector A Locking Test Ctrl Value Connector Locking, Charging Connector B Ind Lights

Test Ctrl Val Connector Locking, Charging Connector B Indicator Lights Test Control Value LED, Charging Connector B Locking Test, Charging Connector B Locking Test Ctrl Value Connector Locking, Charging Cur DC DC Converter Ctrl Val Set Charging Cur DCDC, Check DPF Ash Load, Check Link With Server, Child Lock Indicator Light Left, Child Lock Indicator Light Right, Child Safety Lock, Childproof Lock, Childproof Lock Test Control Value, Circulation Pump, Clearance For External Update Process Test Control Value, Close Luggage Compartment Cover Control Value, Close Rear Lid Control Value, Close Sliding Roof Signal, Close Sun Blind, Close Sunroof, Close The Rear Lid, Close Windows and Roof Signal, Closed Circuit Relay, Clutch 2 For All Wheel Drive, Clutch Actuator Value, Clutch Valve 2 For Four-Wheel Drive, Clutch Valve For Four-Wheel Drive, CNG Tank Shutoff Valve 1, CNG Tank Shutoff Valve 1 VW Common Control State, CNG Tank Shutoff Valve 2, CNG Tank Shutoff Valve 2 VW Common Control State, CNG Tank Shutoff Valve 3, CNG Tank Shutoff Valve 3 VW Common Control State, CNG Tank Shutoff Valve 4, CNG Tank Shutoff Valve 4 VW Common Control State, CNG Tank Shutoff Valve VW Common Control State 3, Cold Air Flap Control Motor Front, Cold Start Injector VW Common Control State, Combustion Air Blower, Combustion Blower Test Control Value On Off, Combustion-Air Blower, Comfort Closing, Comfort Opening, Comp For Multi Contour St Psgr Sd Actuation Tst Ctrl Value, Comp Multi Contour St Dr Sd Actuation Tst Ctrl Val, Comp Multi Contour St Pass Sd Actuation Tst Ctrl Val, Compass Control Value, Compass Control Value On Off, Compass Display, Complete Test Of ECU Valves And Pump Motor Control Value On OFF, Compression Test, Compressor (driver Side Multi-Contour Seat), Compressor (passenger Side Multi-Contour Seat), Compressor Air Recirculation Valve VW Common Control State, Compressor Circulation Bypass Valve VW Common Control State, Compressor Control Flap, Compressor For Multi Contour St Dr Sd Actuation Test Ctrl Value, Compressor Run-In/Cooling Check, Cont Sensrs Extrior Dor Handl Diag Ctrl Val, Contact Sensors For Exterior Door Handle Diagnosis Ctrl Value, Contour Lighting Of Dashboard Test Control Value, Contour Lighting Of Multimedia System Op Unit Test Ctrl Value, Contour Lightng Multimedia Sys Op Tst Ctrl Val, Control for two-wheel and handbrake VW Com Ctrl St, Control Head Function Lamp (Activation), Control KL 30G Control Value, Control Lamp Button Load Profile, Control lamp For belt warning, Control lamp for brake pad, Control lamp For dual-circuit and handbrake system, Control lamp for fuel reserve, Control lamp for oil level, Control lamp for oil pressure, Control lamp for overheating, Control lamp For parking brake, Control lamp for pre-glow time, Control lamp for wash water shortage, Control Line For Dynamic Flashing Light Test Control Value, Control Module Cooling Fan, Control Motor For Air Dist Rear Left Test Ctrl Value On Off, Control Motor For Air Dist Rear Right Test Ctrl Value On Off, Control Motors For Design Covers Test Control Value, Control Supply Voltage Vip, Control Unit For Fragrancing System Test Control Value, Control Valve Coolant Pump VW Common Control State, Control Valve Rear Axle Control Value On OFF, Control Wheel Pressure Wheel, Control Wheel Pressure Wheel Pressure, Convenience And Dr Assist Op Unit 2 Lvl Ind Lmp Test Ctrl Value, Convenience And Dr Asst Op 2 Lvl Ind Lmp Tst Ctrl Val, Convertible Roof Actuation Motor 2 Test Control Value On Off, Convertible Roof Box Lid Lock Motor, Convertible Roof Box Lid Lock Motor Control Value On Off, Convertible Roof Close Control Value On Off, Convertible Roof Flap Motor Control Value On Off, Convertible Roof Lock Motor, Convertible Roof Lock Motor Control Value On Off, Convertible Roof Motor Test Control Value On Off, Convertible Roof Open Control Value On Off, Convertible Roof Operation Warning Lamp, Convertible Top Compartment Tray Motor, Convertible Top Compartment Tray Motor Control Value On Off, Convr Roof Actuation Hydra Pmp Rel 2 Ctrl Val On Off, Convr Roof Actuation Hydra Pmp Rel 2 VW Com Ctrl St, Convr Roof Actuation Hydra Pmp Rel Ctrl Val On Off, Convr Roof Actuation Hydra Pmp Rel VW Com Ctrl St, Cool Pmp For Lo Temp Circuit Act Tst Inp O-P Ctrl Parameter, Cool Pmp Lo Temp Cir Act Tst Ctrl Val On Off, Cool Pmp Lo Temp Cir Act Tst VW Com Ctrl St, Cool Pump For Lo Temp Circuit Actuator Test Ctrl Value On Off, Cool Pump For Lo Temp Circuit Actuator Test VW Com Ctrl State, Coolant Change Over Valve 3 Test Control Value On Off, Coolant Change Over Valve 5 Test Control Value On Off, Coolant Circuit Switching Valve, Coolant Circulation Pump, Coolant Circulation Pump 2, Coolant Circulation Pump 2 Test Control Value On Off, Coolant Circulation Pump 2 Test Input Output Control Parameter,

Coolant Circulation Pump 3, Coolant Circulation Pump 3 Control Value On Off, Coolant Circulation Pump 3 Input Output Control Parameter, Coolant Circulation Pump 3 VW Common Control State, Coolant Circulation Pump 4 Actuator, Coolant Circulation Pump 4 Position, Coolant Circulation Pump Control Value, Coolant Circulation Pump Control Value On Off, Coolant Circulation Pump Input Output Control Parameter, Coolant Fan, Coolant Fan Control Circuit 1, Coolant Fan Control Module, Coolant Pump, Coolant Pump Control Circuit, Coolant Pump Control HV Batterie Pump Duty, Coolant Pump Switching Valve, Coolant Pump, Charge Air Cooler, Coolant Relay High-Output Preheating, Coolant Relay Low-Output Preheating, Coolant Rotary Valve VW Common Control State, Coolant Shut-Off Valve, Coolant Shut-Off Valve Control Value, Coolant Shut-Off Valve Control Value On Off, Coolant Shut-Off Valve VW Common Control State, Coolant Temperature Gauge, Coolant Valve 1 Test Control Value On Off, Coolant Valve 2 Test Control Value On Off, Coolant Valve 3 Test Control Value On Off, Coolant Valve 4 Test Control Value On Off, Coolant Valve 5 Test Control Value On Off, Coolant Valve 6 Test Control Value On Off, Coolant Valve 7 Test Control Value On Off, Coolant Valve Battery VW Common Control State, Coolant Valve For Cylinder Head, Coolant Valve For Cylinder Head VW Common Control State, Coolant Valve For Gearbox, Coolant Valve For Gearbox VW Common Control State, Coolant Valve Radiator, Coolant Valve Radiator VW Common Control State, Coolant Valve Test Control Value On Off, Cooler Fan Control, Cooling Circuit Control Valve, Cooling Fan 1 Control Circuit, Cooling Fan Control Circuit, Cooling Valve 1 Hi Voltage Battery Cooling Valve1 Tar Position, Cooling Valve 1 Hybrid Batterie Cooling Valve1 Target Position, Cooling Valve 2 Hybrid Batterie Cooling Valve2 Target Position, Cooling Valve1 Hybrid Batterie Cooling Valve1 Target Position, Cooling Valve2 Hybrid Batterie Cooling Valve2 Target Position, Cooling Vlv 1 Hi V Bat Cooling Valve1 Tar Pos, Countersteering Check Control Value Torque Control, Countersteering Check Control Value Torque Control, Crankcase Breather Control Valve, Crankcase Breather Heater 1, Crankcase Ventilation Heater 1, Crankcase Ventilation Heater 1 VW Common Control State, Crankcase Ventilation Heater 2 VW Common Control State, Crankcase Ventilation Heater 3 VW Common Control State, Crankcase Ventilation Valve, Crankcase Ventilation Valve VW Common Control State, Crash Signal, Cruise Control Indicator Lamp, Cruise Control Indicator Lamp Control Value, Cruise Control Switch Illumination Bulb Control Value, Ctrl Mot Air Dist Rr Lt Tst Ctrl Val On Off, Ctrl Mot Air Dist Rr Rt Tst Ctrl Val On Off, Cup Holder Ambient Light, Cup Holder With Heater And Cooling Element Test Control Value, Current Reduced Laser Light Control Control Value, Curve Lighting Warning Light, Cutoff Valve 1 Refrigerant Test, Cutoff Valve 1 Refrigerant Test Input Output Control Parameter, Cutoff Valve 1 Refrigerant Test VW Common Control State, Cutoff Valve 2 Refrigerant Test, Cutoff Valve 2 Refrigerant Test Input Output Control Parameter, Cutoff Valve 2 Refrigerant Test VW Common Control State, Cutoff Warning Control Value Warning Level, Cutoff Warning Cutoff Level, Cylinder Deactivation Actuator 1 VW Common Control State, Cylinder Deactivation Actuator 2 VW Common Control State, Cylinder Deactivation Actuator 3 VW Common Control State, Cylinder Deactivation Actuator 4 VW Common Control State, Cylinder Head Coolant Valve, Damper Front Left (Hard), Damper Front Left (Soft), Damper Front Left Hard Control State, Damper Front Left Hard Control Value Weak Hard, Damper Front Left Weak Control Value Weak Hard, Damper Front Right (Hard), Damper Front Right (Soft), Damper Front Right Hard Control State, Damper Front Right Hard Control Value Weak Hard, Damper Front Right Weak Control Value Weak Hard, Damper Rear Left (Hard), Damper Rear Left (Soft), Damper Rear Left Hard Control State, Damper Rear Left Hard Control Value Weak Hard, Damper Rear Left Weak Control Value Weak Hard, Damper Rear Right (Hard), Damper Rear Right (Soft), Damper Rear Right Hard Control State, Damper Rear Right Hard Control Value Weak Hard, Damper Rear Right Weak Control Value Weak Hard, Damper Valve Current Front Left Control Value Current, Damper Valve Current Front Right Control Value Current, Damper Valve Current Rear Left Control Value Current, Damper Valve Current Rear Right Control Value Current, Dash Panel Vent Indicator Lamp Test Control Value, Dash Panel Vent Positioning Motor Test Control Value On Off, Daytime Run Light Deactive Tst Ctrl Val Can Sig, Daytime Run Light Deactive Tst Ctrl Val Ind Light, Daytime Running And Side Light Left 2 Test Control Value, Daytime Running And Side

Light Left Led Test Control Value, Daytime Running And Side Light Left Test Control Value, Daytime Running And Side Light Right 2 Test Control Value, Daytime Running And Side Light Right Led Test Control Value, Daytime Running And Side Light Right Test Control Value, Daytime Running Light Left 2 Test Control Value, Daytime Running Light Left Test Control Value, Daytime Running Light Right 2 Test Control Value, Daytime Running Light Right Test Control Value, Daytime Running Light Test 2 Control Value, Daytime Running Lights Bulb 2 Left, Daytime Running Lights Bulb 2 Right, Daytime Running Lights Bulb Left, Daytime Running Lights Bulb Right, Daytime Running Lights LED Module Control Circuit Left, Daytime Running Lights LED Module Control Circuit Right, Daytime Running Lights Test Control Value, Daytimerunninglight Test Controlstate Data 2, Defined Segment Control Matrix Headlamp Left, Defined Segment Control Matrix Headlamp Left Control Value, Defined Segment Control Matrix Headlamp Right, Defined Segment Control Matrix Headlamp Right Control Value, Defrost Flap Control Motor, Defroster Button Indicator Light Test Control Value, Defroster Flap Control Motor, Defroster Flap Control Motor Control Value On Off, Defroster Flap Control Motor Input Output Control Parameter, Defroster Flap Control Motor Setpoint, Defroster Flap Control Motor Sollwert, Delayed Closing Indicator Light Test Control Value, Deploy Function Light Operating Button, Designlight Test Controlstate Data 2, Diesel Particle Filter Indicator Lamp, Diesel Particulate Filter Indicator Lamp, Diesel Particulate Filter Indicator Lamp VW Common Ctrl State, Digital Mirror Device Left Supply Test Control Value, Digital Mirror Device Right Supply Test Control Value, Dimming Interior Light Test Control Value, Dimming Left Static Cornering Lighting Control Value, Dimming Left Static Cornering Lighting Dimming Target Value, Dimming Lt Static Cornering Lighting Ctrl Value Dimming Target, Dimming Lt Static Corng Lightng Ctrl Val Dimming Tar, Dimming Right Static Cornering Lighting Control Value, Dimming Right Static Cornering Lighting Dimming Target Value, Dimming Rt Static Cornering Lighting Ctrl Value Dimming Target, Dimming Rt Static Corng Lightng Ctrl Val Dimming Tar, Dimming Terminal 58T, Dimming Terminal 58t Control Value On Off, Dipped Beam, Direction Indicator Left, Direction Indicator Right, Disengagement Clutch Actuator Test, Disengagement Clutch Actuator Test VW Common Control State, Display 1, Display For Lane Departure Warning Control Value, Display Road Sign In Dash Panel Insert, Display Road Sign In Dash Panel Insert Control Value, Display Test, Display Test 1 Control Value Display, Display Test 1 Display, Display Test 2 Control Value Display, Display Test 2 Display, Display Test 3 Control Value Display, Display Test 5 Display, Display Test Ctrl Unit Dash Panel Insert Control Value Display, Display Test Retractable 1 Display State, Display Test Retractable 1 Retractable Display, Display Test Retractable 2 Display State, Display Test Retractable 2 Retractable Display, Display Test Selective Control Value, Display Test, Text, Display Unit Adjustment 2 Test Control Value, Display Unit Adjustment Test Control Value, Display: Black Segments, Display: Red Segments, Door Ambient Lighting Front Left Test Control Value, Door Ambient Lighting Front Right Test Control Value, Door Ambient Lighting Rear Left Test Control Value, Door Ambient Lighting Rear Right Test Control Value, Door Condition Signal Test Control Value, Door Contour Lighting Front Left Test Control Value, Door Contour Lighting Front Right Test Control Value, Door Contour Lighting Rear Left Test Control Value, Door Contour Lighting Rear Right Test Control Value, Door Exterior Handle Switch Control Motor Test Control Value, Door Handle Control On, Door Illumination Front Actuation Time, Door Illumination Rear Start Parameter, Door Illumination Rear Actuation Time, Door Illumination Rear Start Parameter, door knob electronics door behind right check, door knob electronics driver side check, door knob electronics passenger side check, Door Knob Electronics: Door Behind Left Check, Door Warning Light, Doors Not Closed Signal, Dosing Pump Test Control Value On Off, Dosing/Metering Pump, Double Bass Speaker 1 Front Left Control Value, Double Bass Speaker 1 Front Right Control Value, Double Bass Speaker 2 Front Right Control Value, Double Subwoofer Speaker 1 Control Value, Double Subwoofer Speaker 2 Control Value, Doubler Bass Speaker 2 Front Left Control Value, Dr Hazard Warn At Danger Coli Wt A Person Tst Ctrl Val, Dr Warn Disp Brk Booster Ctrl Val Advice Text Msg, Dr Warn Disp Brk Booster Ctrl Val Brk Sys Warn Lmp, Dr Warn Disp Brk Booster Ctrl Val OBD Stat Lmp, Dr Warn Disp Brk Booster Ctrl Val Warn Ind Lmp, Dr Warn Disp Brk Booster Ctrl Val Warn Text Msg, Dr Warning Disp



Brake Booster Ctrl Value Advice Text Message, Dr Warning Disp Brake Booster Ctrl Value Brake Sys Warning Lamp, Dr Warning Disp Brake Booster Ctrl Value Warning Text Message, Driv.side Window Lifter, Closing, Driv.side Window Lifter, Opening, Drive Programm Indicator Light VW Common Control State, Driver Assistance Systems CAN-Extended Separator, Driver Hazard Warning At Danger Of Collision With A Person Test, Driver Side Multi-Contour Seat: Functional Test, Driver Warning Display Brake Booster Ctrl Value OBD Status Lamp, Driving Mode Switch, Driving School Acoustic Warning Test Control Value Can Signal, Drv Dynamics Reg Hi Pres Switch Valve 1 Ctrl Value On OFF, Drv Dynamics Reg Hi Pres Switch Valve 2 Ctrl Value On OFF, Drv Dynmcs Reg Hi Pres SW Vlv 1 Ctrl Val On Off, Drv Dynmcs Reg Hi Pres SW Vlv 1 VW Local Ctrl St, Drv Dynmcs Reg Hi Pres SW Vlv 2 Ctrl Val On Off, Drv Dynmcs Reg Hi Pres SW Vlv 2 VW Local Ctrl St, Drv School Acs Warn Tst Ctrl Val Ind Light, Drv School Acs Warn Tst Ctrl Val Sup V, Drv School FW Illum Tst Ctrl Val Can Sig, Drv School FW Illum Tst Ctrl Val FW Illum, Drv School FW Illum Tst Ctrl Val Ind Light, Drv School Rem Ctrl Ind Light Tst Ctrl Val Lo Beam Tst, Drv School Rem Ctrl Ind Light Tst Ctrl Val Main Beam Tst, Drv School Rem Ctrl Ind Light Tst Ctrl Val Turn Signals Lt Tst, Ds Belt Buckle Illumination, DTC 01486 ESP Function Test, Dynamic Cornering Light: Adjust to Steering Angle Dependent Pos, Dynamic Cornering Light: Adjusting to Center Position, Dynamic Cornering Light: Adjusting to Inner Position, Dynamic Cornering Light: Adjusting to Outer Position, Dynamic Cornering Light: Position Left, Dynamic Cornering Light: Position Right, Dynamic Headlight Range Control Test Control Value, Dynamic Light Function Test Control Value, Dynamic Test Actuationtime, Dynamic Test Control Value 1actuatorvalue, Dynamic Test Control Value 1ID Actuator, Dynamic Test Control Value 2actuatorvalue, Dynamic Test Control Value 2ID Actuator, Dynamic Test Control Value 2idactuator, Dynamic Test Control Value 3actuatorvalue, Dynamic Test Control Value 3ID Actuator, Dynamic Test Control Value 3idactuator, Dynamic Test Control Value 4actuatorvalue, Dynamic Test Control Value 4ID Actuator, Dynamic Test Control Value 4idactuator, Dynamic Test Control Value Actuationtime, Dynamic Test Control Value Waitingtime, Dynamic Test Watingtime, ECM/PCM Power Relay, ECM-PCM Power Relay, ECM-PCM Power Relay VW Common Control State, Egr Bypass Solenoid Valve, EGR Cooler Bypass Valve, EGR Cooler Bypass Valve 2, Egr Cooler Coolant Pump, EGR Cooler Pump, Egr Cooling Coolant Pump, Egr Cooling Switching Valve, Egr Cooling Switching Valve 2, EGR Low Temperature Cooling Water Pump, EGR Valve 1, EGR Valve Cooler Bypass Valve, EGR Valve Cooler Bypass Valve VW Common Control State, Elec Air Cond Comp Tst VW Com Ctrl St, Elec Air Conditioner Compressor Test Inp Output Ctrl Parameter, Elec Hi Temp Cool Pmp VW Com Ctrl St, Elec Water Pmp EGR Lo Temp Cooling VW Com Ctrl St, Elec Water Pump For EGR Lo Temp Cooling VW Common Ctrl State, Electr. Vacuum Pump (brake), Electric Aux. Fuel Pump Relay, Electric Coolant Pump, Electric Coolant Pump 2, Electric Coolant Pump 2 VW Common Control State, Electric Coolant Pump VW Common Control State, Electric Fuel Pump, Electric Fuel Pump Control Unit, Electric Fuel Pump Relay, Electric Machine Bypass Valve, Electrical Air Conditioner Compressor Test Control Value On Off, Electrical Catalyst Heater Actuator Test VW Common Ctrl State, Electrical Fuel Pump, Electrical Fuel Pump 2 VW Common Control State, Electrical Fuel Pump VW Common Control State, Electrical High Temperature Coolant Pump, Electrical High Temperature Coolant Pump VW Common Ctrl State, Electrical Low Temperature Coolant Pump VW Common Control State, Electrical Thermostat, Electrically Adjustable Steering Column Test Control Value, Electronic Roof Control Without Conditions Position, Electronic Roof Position Control Position, EMC Mode Flap Control Motors Test, EMC Mode Flap Control Motors Test Control Value On Off, EMC Mode Flap Control Motors Test VW Common Control State, EMC Mode Flap Ctrl Motors Test Input Output Control Parameter, Emc Test Mode, Emergency Brake Signal Control State, Emergency Brake Signal Control Value On OFF, Emergency Brake Signal VW Local Control State, Emergency Call Establishment Test Control Value, Emergency Call System: Functional Test, Emergency Call System: Loudspeaker, Emergency Call System: Manual Emergency Call, Emergency Flashers Control Lamp, Emergency Flashers Indicator Lamp, Emission Warning Lamp (MIL), Enabling For External Systems Test Control Value, Energize Power-Latch Control Value Direction Of Movement, Energize Power-Latch Direction, Eng Cool Pmp Charged Air Cooling VW

Com Ctrl St, Eng Sound Generation Tst Tone Ctrl Val Chn Selcn, Eng Sound Generation Tst Tone Ctrl Val Frequence Tone Selcn, Eng Sound Generation Tst Tone Ctrl Val Frequence Tone Selection, Eng Sound Generation Tst Tone Ctrl Val Vol Selcn, Engine Compartment Fan 2 Control VW Common Control State, Engine Compartment Fan Control VW Common Control State, Engine Compartment Light, Engine Component Current Supply Relay 2 VW Common Control State, Engine Component Relay, Engine Components Voltage Supply Relay, Engine Cool Pump 2 For Charged Air Cooling VW Common Ctrl State, Engine Cool Pump For Charged Air Cooling VW Common Ctrl State, Engine Coolant Pump For Charged Air Cooling, Engine Coolant Pump Relay, Engine Cutoff Speed VW Common Control State, Engine Mount 1, Engine Mount 1 VW Common Control State, Engine Mount 2, Engine Mount 2 VW Common Control State, Engine Mount VW Common Control State, Engine Mount. Sol. Valve, Left, Engine Mount. Sol. Valve, Right, Engine Mounting, Engine Mounting Control, Engine Mounting Control 1, Engine Mounting Control 2, Engine Oil Cooler Valve VW Common Control State, Engine Oil Pump, Bypass Sol.Valve, Engine Overheating Warning Lamp, Engine Sound Generation Test Tone Ctrl Value Channel Selection, Engine Sound Generation Test Tone Ctrl Value Volume Selection, Engine Temp. Regulation Actuator, Engine Temperature Regulation Actuator, Engine Temperature Regulation Actuator VW Common Control State, Enrgy Consumer Switchoff Ctrl Val Cen Lck Rr Rt, Entry And Start Authorisation Aerials Diagnosis Control Value, Entry Exit Scan At Back, Entry Exit Scan At Back Control Cyclic On Off Time, Entry Exit Scan At Back Timeparameter, Entry Exit Scan At Driver Door, Entry Exit Scan At Driver Door Control Cyclic On Off Time, Entry Exit Scan At Driver Door Timeparameter, Entry Exit Scan At Passenger Door, Entry Exit Scan At Passenger Door Control Cyclic On Off Time, Entry Exit Scan At Passenger Door Timeparameter, Entry Light Rear Test Control Value Side Selection, Entry Light Rear Test Control Value Start Parameter, Entwicklerstellglied 01 IO Control Option OBD Status Lamp, Environment Illumination Test Control Value, EOL Charge Motion Valves VW Common Control State, EOL Exhaust Gas Turbochargers VW Common Control State, EOL Throttle Valves VW Common Control State, Error Check Control Value On Off, Error Lamp, Error Text Output, Erweiterte Stellglieddiagnose ABS Pump Motor, Erweiterte Stellglieddiagnose ABS Pump Motor (2), Erweiterte Stellglieddiagnose Front Left ABS Inlet Valve, Erweiterte Stellglieddiagnose Front Left ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Front Left ABS Outlet Valve, Erweiterte Stellglieddiagnose Front Left ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Front Right ABS Inlet Valve, Erweiterte Stellglieddiagnose Front Right ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Front Right ABS Outlet Valve, Erweiterte Stellglieddiagnose Front Right ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Rear Left ABS Inlet Valve, Erweiterte Stellglieddiagnose Rear Left ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Rear Left ABS Outlet Valve, Erweiterte Stellglieddiagnose Rear Left ABS Outlet Valve (2), Erweiterte Stellglieddiagnose Rear Right ABS Inlet Valve, Erweiterte Stellglieddiagnose Rear Right ABS Inlet Valve (2), Erweiterte Stellglieddiagnose Rear Right ABS Outlet Valve, Erweiterte Stellglieddiagnose Rear Right ABS Outlet Valve (2), Erweiterte Stellglieddiagnose TC ISO 1 Valve, Erweiterte Stellglieddiagnose TC ISO 1 Valve (2), Erweiterte Stellglieddiagnose TC ISO 2 Valve, Erweiterte Stellglieddiagnose TC ISO 2 Valve (2), Erweiterte Stellglieddiagnose TC Supply 1 Valve, Erweiterte Stellglieddiagnose TC Supply 1 Valve (2), Erweiterte Stellglieddiagnose TC Supply 2 Valve, Erweiterte Stellglieddiagnose TC Supply 2 Valve (2), ESP Road Test, ESP Test, ESP-Data (Brake), ESP-Data (Variants), Evap Actuation, Evap Ems Sys Leak Det Pmp VW Com Ctrl St, Evap Ems Sys Leak Det Vlv VW Com Ctrl St, EVAP Leak Detection Pump Sense Circuit, Evap Purge Valve 2, Evap Purge Valve 2 VW Common Control State, EVAP System Purge Control Valve, Evap.Emission Control Regen.Valve, Evaporative Emission System Leak Det Pump VW Common Ctrl State, Evaporative Emission System Leak Det Valve VW Common Ctrl State, Evaporative Emission System Leak Detection Pump, Evaporative Emission(EVAP)Canister Purge Regulator Valve, Ex Gas Recirculation Cooler Bypass Valve 2 VW Common Ctrl State, Example Input Output Identifier Controlstate, Exhaust Gas Flap, Exhaust Gas Flap VW Common Control State, Exhaust Gas Turbocharger 1, Exhaust Gas Turbocharger 1 VW Common Control State, Exhaust Gas Turbocharger 2, Exhaust Gas Turbocharger 2 VW Common Control State, Exh. Gas Treatment Scr Heating 2, Exh. Gas Treatment Scr

Heating 3, Exh. Supercharger Recirc. Valve, Exhaust Camsh.control Sol. Valve, Exhaust Camsh.timing Control(b1), Exhaust Camsh.timing Control(b2), Exhaust Flap Actuator, Exhaust Flap Control Motor, Exhaust Gas Flap, Exhaust Gas Flap 2, Exhaust Gas Flap 2 VW Common Control State, Exhaust Gas Flap 3, Exhaust Gas Flap 3 VW Common Control State, Exhaust Gas Recirculation Cooler Switch-Over Valve, Exhaust Gas Recirculation Cooling Switch-Over Valve, Exhaust Gas Recirculation Valve, Exhaust Gas Recirculation Valve 1, Exhaust Gas Recirculation Valve 1 VW Common Control State, Exhaust Gas Recirculation Valve 2, Exhaust Gas Recirculation Valve 2 VW Common Control State, Exhaust Gas Recirculation Valve 3 VW Common Control State, Exhaust Gas Recirculation Valve Cooler Bypass Valve, Exhaust Gas Treatm. Scr Injector, Exhaust Gas Treatment Scr Heating, Exhaust Gas Turbocharger 1, Exhaust Pressure Control Valve, Exhaust Turbocharger Cntrl. Valve, Exhaust-Gas Recirculat. Actuator, Exhaust-Gas Recirculat.actuator 1, Exhaust-Gas Recirculat.actuator 2, Exhaust-Gas Recirculation Valve, Exhaust-Gas Turbocharger Ecu 1, Extend Mirror, Extender Module Test Control Value, Exterior Ambient Lighting, Exterior Light Entire Test Control Value, Exterior Lighting, Exterior Mirror Automatic Dimming, External Audio Diagnosis Test, Fail Safe Light Test Control Value, FAN 1 2 Test Controlstate Data 2, Fan 1 Control Circuit, FAN 1 Test Controlstate Data 2, FAN 2 Test Controlstate Data 2, FAN 3 Test Controlstate Data 2, FAN 4 Test Controlstate Data 2, Fan After Run Relay VW Common Control State, Fan Control, Fan Control 1, Fan Control 1 Control Value On Off, Fan Control 1 Input Output Control Parameter, Fan Control 1 VW Common Control State, Fan Control 2, Fan Control 2 Control Value On Off, Fan Control 2 Input Output Control Parameter, Fan Control 2 VW Common Control State, Fan Control Relay Level 1 VW Common Control State, Fan Control Relay Level 2 VW Common Control State, Fan Control Relay Test Control Value On Off, Fill Pressure Lines, Fläche Mittelkonsole Hinten Links Control Value, Fläche Mittelkonsole Hinten Rechts Control Value, Fläche Mittelkonsole Vorne Links Control Value, Fläche Mittelkonsole Vorne Rechts Control Value, Flame Monitor/glow Element Unit, Flap Def FL Intervallbetrieb, Flap Def FL Klappenposition, Flap Dif Mid FL Intervallbetrieb, Flap Dif Mid FL Klappenposition, Flap Dif Mid FR Intervallbetrieb, Flap Dif Mid FR Klappenposition, Flap Distrib BL Intervallbetrieb, Flap Distrib BL Klappenposition, Flap Distrib BR Intervallbetrieb, Flap Distrib BR Klappenposition, Flap Floor FL Intervallbetrieb, Flap Floor FL Klappenposition, Flap Floor FR Intervallbetrieb, Flap Floor FR Klappenposition, Flap Head Up Display Test Control Value, Flap Lim BL Intervallbetrieb, Flap Lim BL Klappenposition, Flap Lim BR Intervallbetrieb, Flap Lim BR Klappenposition, Flap Mid BL Intervallbetrieb, Flap Mid BL Klappenposition, Flap Mid BR Intervallbetrieb, Flap Mid BR Klappenposition, Flap Mid FL Intervallbetrieb, Flap Mid FL Klappenposition, Flap Mid FR Intervallbetrieb, Flap Mid FR Klappenposition, Flap Pers Mid BLH Intervallbetrieb, Flap Pers Mid BLH Klappenposition, Flap Pers Mid BLV Intervallbetrieb, Flap Pers Mid BLV Klappenposition, Flap Pers Mid BRH Intervallbetrieb, Flap Pers Mid BRH Klappenposition, Flap Pers Mid BRV Intervallbetrieb, Flap Pers Mid BRV Klappenposition, Flap Pers Mid FLH Intervallbetrieb, Flap Pers Mid FLH Klappenposition, Flap Pers Mid FLV Intervallbetrieb, Flap Pers Mid FLV Klappenposition, Flap Pers Mid FRH Intervallbetrieb, Flap Pers Mid FRH Klappenposition, Flap Pers Mid FRV Intervallbetrieb, Flap Pers Mid FRV Klappenposition, Flap Pers Side FLH Intervallbetrieb, Flap Pers Side FLH Klappenposition, Flap Pers Side FLV Intervallbetrieb, Flap Pers Side FLV Klappenposition, Flap Pers Side FRH Intervallbetrieb, Flap Pers Side FRH Klappenposition, Flap Pers Side FRV Intervallbetrieb, Flap Pers Side FRV Klappenposition, Flap Ram Air FL Intervallbetrieb, Flap Ram Air FL Klappenposition, Flap Recirc B Intervallbetrieb, Flap Recirc B Klappenposition, Flap Recirc F Intervallbetrieb, Flap Recirc F Klappenposition, Flap Side FL Intervallbetrieb, Flap Side FL Klappenposition, Flap Side FR Intervallbetrieb, Flap Side FR Klappenposition, Flap Temp BL Intervallbetrieb, Flap Temp BL Klappenposition, Flap Temp BR Intervallbetrieb, Flap Temp BR Klappenposition, Flap Temp FL Intervallbetrieb, Flap Temp FL Klappenposition, Flap Temp Floor FL Intervallbetrieb, Flap Temp Floor FL Klappenposition, Flap Temp Floor FR Intervallbetrieb, Flap Temp Floor FR Klappenposition, Flap Temp FR Intervallbetrieb, Flap Temp FR Klappenposition, Flap Temp Mid B Intervallbetrieb, Flap Temp Mid B Klappenposition, Flashing Lights Front Test Control Value, Flashing Lights Rear Test Control Value, Fog

Light Left Test Control Value, Fog Light Rear Test Control Value, Fog Light Right Test Control Value, Fog Light Test Control Value Side Selection, Fog Light Test Control Value Start Parameter, Fog Light, Left, Fog Light, Right, Fog Lights, Fog Lights Rear, Fog Lights Rear Left, Fog Lights Rear Right, Fog-Lamps Bulb Left, Fog-Lamps Bulb Right, Footrest Adjustment Test Control Value, Footwell Flap Control Motor Left, Footwell Flap Control Motor Right, Footwell Flap Positioning Motor Actuation Control Value On Off, Footwell Illumination Front Test Control Value, Footwell Illumination Multicolor Control Value, Footwell Illumination Rear Test Control Value, Footwell Light Test Control Value, Footwell Lighting Rear Left, Footwell Lighting Rear Right, Footwell Lights, Footwell Lights Front, Footwell Lights Rear, Footwell Vent Positioning Motor Rear, Force FB Accelerator Pedal Low Version VW Common Ctrl State, Force Feedback Accelerator Pedal 3, Force Feedback Accelerator Pedal Control Value Function, Force Feedback Accelerator Pedal Control Value Position, Force Feedback Accelerator Pedal VW Common Control State 3, Force Feedback AP Low Version, Fr Wash Pmp Ctrl Heat Wip Arms Tst Ctrl Val, Fresh Air - Air Recirculation - Air Flow Flap Ctrl Mot Sollwert, Fresh Air Blower, Fresh Air Blower Activation, Fresh Air Blower Front, Fresh Air Blower Rear Tension, Fresh Air Flap Positioning Motor Control Value On Off, Fresh/circulating Air Flap, Front Acoustic Signal Frequency, Front Acoustic Signal Volume, Front Air Distr. Flap Ctrl. Motor, Front Axle Torque Request, Front Centre Console Ambient Light 1, Front DS Door Trim Ambient Light., Front Fog Lights, Front Footwell Lighting, Front Fresh Air Blower, Front Left ABS Inlet Valve Control Value On OFF, Front Left ABS Inlet Valve Front Left ABS Inlet Valve, Front Left ABS Inlet Valve VW Local Control State, Front Left ABS Outlet Valve Control Value On OFF, Front Left ABS Outlet Valve VW Local Control State, Front Left Abs Solenoid Valve, Front Left Loudspeaker Control Value, Front Left Turn Signal Indicator Lamp 2, Rear Left Indicator La, Front Lid Release Motor Control Value, Front Parking Aid Loudspeaker, Front Parking Aid Loudspeaker Control Value, Front Parking Aid Loudspeaker VW Common Control State, Front Parking Aid Warning Buzzer, Front PS Door Trim Ambient Light., Front Right ABS Inlet Valve Control Value On OFF, Front Right ABS Inlet Valve Front Right ABS Inlet Valve, Front Right ABS Inlet Valve VW Local Control State, Front Right ABS Outlet Valve Control Value On OFF, Front Right ABS Outlet Valve VW Local Control State, Front Right Abs Solenoid Valve, Front Right Loudspeaker Control Value, Front Right Turn Signal Indicator Lamp 2, Rear Right Indicator, Front Sunroof: Close/Lower, Front Sunroof: Open/Raise, Front Washer Pump Control Unit Front Washing Test Control Value, Front Washer Pump Ctrl Unit Heat Wiper Arms Test Control Value, Front Washing Test Control Value, Front Wiper Service Mode/Position, Front Wiper Tear Wiping, Front-Passenger Airbag Indicator Lamp (off), Frs Air - Air Recirculation - Air Flow Flap Ctrl Mot Inp O-P Co, Frs Air - Air Recirculation - Air Flow Flap Ctrl Mot Setpoint, Frs./air Rec/air Flw.fl.ctrl.mot., Fuel Cooling Relay, Fuel Evap. Shutoff Valve, Fuel Evaporation Shutoff Valve, Fuel Evaporation/Regeneration Valve, Fuel Heating Element Actuation Test Control Value On Off, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Level Display, Fuel Metering Pump, Fuel Metering Unit VW Common Control State, Fuel Metering Valve, Fuel Pre-Heating Heater, Fuel Pressure Control Valve, Fuel Pressure Reduction, Fuel Pressure Regulation, Fuel Pressure Regulator, Fuel Pressure Regulator 2, Fuel Pressure Regulator 2 VW Common Control State, Fuel Pressure Regulator Diesel, Fuel Pressure Regulator Diesel VW Common Control State, Fuel Pressure Regulator Valve, Fuel Pressure Regulator VW Common Control State, Fuel Pump, Fuel Pump Electronics Signal Line, Fuel Pump Relay, Fuel Pump Relay Control Circuit, Fuel Pump Relay Control Test Control Value On Off, Fuel Pump Relay VW Common Control State, Fuel Quantity Control Valve, Fuel Quantity Solenoid Valve, Fuel Tank Breather Valve: Actuation, Fuel Tank Cap: Lock, Fuel Tank Cap: Unlock, Fuel Tank Flap Lock Control Value, Fuel Tank Flap Unlock Control Value, Fuel Tank Isolation Valve, Fuel Tank Isolation Valve VW Common Control State, Fuel Tank Vent Valve, Fuel Tank Vent Valve VW Common Control State, Fun Lmp Autohold Btn Fun Lmp Autohold Btn, Fun Lmp Park Brk Btn Fun Lmp Park Brk Btn, Function Lamp For Autohold Button, Function Lamp For Autohold Button Fun Lamp For Autohold Button, Function Lamp Parking Brake Button, Function Lamps (Deactivation), Function Lmp For Autohold Btn IO Ctrl Opt Fun Lmp For Autohold, Function Lmp Parking Brake Button Fun Lmp Parking Brake Button, Function Lmp PK Brk

Button IO Ctrl Opt Fun Lmp PK Brk Button, Function Test (w/o Reverse Gear), Function Test All Valves Control Value On Off, Function Test All Valves Input Output Control Parameter, Function Test Ebkv Stage, Functional Illuminat One Test Control Value, Functional Illuminat Two Test Control Value, Further Function Lights, FV Safe State Simulation Control Value, Gear Oil Coolant Pump, Gear Oil Coolant Pump VW Common Control State, Gear Oil Cooling Valve Close Control Value, Gear Oil Cooling Valve Open Control Value, Gear Oil Cooling Valve Open VW Common Control State, Gear Selection Value 1, Gear Selection Value 2, Gear Selection Value 3, Gearbob Hydraulic Pump, Gearbox Coolant Valve, General Inp O-P Tst Ctrl Val Veh Veloc Sig Tst, General Input Output Test Control Value Output 01, General Input Output Test Control Value Output 02, General Input Output Test Control Value Output 03, General Input Output Test Control Value Output 04, General Input Output Test Control Value Output 05, General Input Output Test Control Value Output 06, General Input Output Test Control Value Output 07, General Input Output Test Control Value Output 08, General Input Output Test Control Value Output 09, General Input Output Test Control Value Output 10, General Input Output Test Control Value Output 11, General Input Output Test Control Value Output 12, General Input Output Test Control Value Output 13, General Input Output Test Control Value Output 14, General Input Output Test Control Value Output 15, General Input Output Test Control Value Output 16, General Input Output Test Control Value Output 17, General Input Output Test Control Value Output 18, General Input Output Test Control Value Output 19, General Input Output Test Control Value Output 20, General Input Output Test Control Value Output 21, General Input Output Test Control Value Output 22, General Input Output Test Control Value Output 23, General Input Output Test Control Value Pullup Resistor, Generator: Specified Generator Voltage 10.6 V, Generator: Specified Generator Voltage 15.0 V, Glove Comp Lck Mot Tst Ctrl Val Mot Ctrl, Glove Compartment Locking Motor Test Control Value On Off, Glovebox Unlocking Motor, Glow Control Unit 1, Glow Control Unit 2, Glow Plug Control Module, Glow Plug Control Module 1, Glow Plug Control Module 1 VW Common Control State, Glow Plug Control Module 2 VW Common Control State, Glow Plug Indicator Light, Glow Plug Pre-Heat Indicator, Glow Plug Relay, Glow-Plug with Flame Monitoring, GNSS Receiver Restart Control Value, Gong, Gradual Rear Lid Closing, Gradual Rear Lid Opening, Green Function Lamp Control State, Green Indicator Lamp Control Value On Off, Green Indicator Lamp For Lane Departure Warning, Green Indicator Lamp For Lane Departure Warning Control Value, Green operating lamp, Haldex Trans Act Ctrl Val Haldex Trans Act, Hat Shelf Speaker, Hazard Warn Light SW Functional Illum Tst Ctrl Val, Hazard Warnng. System Indic. Lamp, Hazard Warning Light Switch Functional Illum Test Ctrl Value, Hazard Warning System Indicator Light Test Control Value, HDC Indicator Lamp, Head Restraint Adjustm. To Front, Head Restraint Upward Adjustment, Headlamp Cleaning System Relay, Headlamp Fan 1 Test Control Value, Headlamp Fan 2 Test Control Value, Headlamp Fans Test Control Value, Headlamp Left High Beam Segment Control Test Control Value, Headlamp Left Low Beam Segment Control Test Control Value, Headlamp Pos. Left Vert. Bottom, Headlamp Pos. Left Vert. Center, Headlamp Pos. Left Vert. Top, Headlamp Pos. Right Vert. Bottom, Headlamp Pos. Right Vert. Center, Headlamp Pos. Right Vert. Top, Headlamp Right High Beam Segment Control Test Control Value, Headlamp Right Low Beam Segment Control Test Control Value, Headlight Left Power Supply Test Control Value, Headlight Range Control: Adjusting to Delivery Position, Headlight Range Control: Adjusting to Lowered Position, Headlight Range Control: Adjusting to Raised Position, Headlight Range Control: Adjusting to Specified Position, Headlight Right Power Supply Test Control Value, Headlight Washer Pump, Headlight Washer System, Headlight Washer Test Control Value, Headrest Adjustment Test Control Value, Headrest Height Adjustment Test Control Value, Headrest Longitudinal Adjustment Test Control Value, Heat Regulation Valve Left, Heat Regulation Valve Right, Heated Front Window Indicator Light Test Control Value, Heated Front Window Test Control Value, Heated Rear Window, Heated Rear Window Activation, Heated Rear Window Indicator Light Test Control Value, Heated Rear Window Test Control Value, Heated Seat Front Left, Heated Seat Front Right, Heated Seat Level 2 to 1 Reduction Time, Heated Seat Level 3 to 2 Reduction Time, Heated Seat Thumb Wheel Temp Setting 2,

Heated Seat Thumb Wheel Temp Setting 3, Heated Steering Wheel, Heated Steering Wheel Activation Control Value, Heated Steering Wheel, Activation, Heated Steering Wheel, Activation Control Value LRH, Heated Windscreen Relay Test Control Value, Heated Windshield, Heated Wiper Rack Test Control Value, Heated Wiper Rack Test Input Output Control Parameter, Heater Engine Coolant Blocking Valve, Heater Glow Plug Test Control Value On Off, Heating Element Door Test Control Value Heating Element 1 Door, Heating Element Door Test Control Value Heating Element 2 Door, Heating Support Pump, Heating Support Pump VW Common Control State, Heating Test Control Value, High Beam, High Beam Test Control Value, High Pressure Valve Rear Axle Control Value On OFF, High Voltage Heater Test, High Voltage Heater Test Control Value On Off, High Voltage Heater Test Input Output Control Parameter, High-Beam Headlight, Left, High-Beam Headlight, Right, Highbeam Test Controlstate Data 2, High-Beams Bulb Left, High-Beams Bulb Right, High-Output Coolant Preheat Relay, High-Pressure Inj. Valve (cyl. 1), High-Pressure Inj. Valve (cyl. 2), High-Pressure Inj. Valve (cyl. 3), High-Pressure Inj. Valve (cyl. 4), High-Pressure Inj. Valve (cyl. 5), High-Pressure Inj. Valve (cyl. 6), Highside Channel 1 Test Control Value, Highside Channel 2 Test Control Value, Highside Channel 3 Test Control Value, Highside Channel 4 Test Control Value, Highside Channel Test Control Value, Hill Descent Assist Indicator Light Test Control Value, Hill Hold Control (HHC), Hill Hold Control Button Led, Hill Hold Control Indicator Lamp, Horn, Horn Relay, Htd Str Wheel, Act Inp O-P Ctrl Parameter, Hv Batt. Charge Warning Lamp, Hv Batt.: Sv 1 Coolg.sys.opening, Hv Batt.: Sv 2 Coolg.sys.opening, Hv Batt.:sv 1 Cooling Sys.closing, Hv Batt.:sv 2 Cooling Sys.closing, Hv Batt.immediate Charging Button, HV Battery Charge/discharge Current, Hv Battery Coolant Pump, Hv Battery: Fan Actuation, Hv Battery: Vent Flap 1, Hv Battery: Vent Flap 2, Hv Charging Cable Indicator Lamp, Hv System: Auxiliary Coolant Pump, HVAC Test, Hyb EV Bat Pack Cool Ctrl Vlv A Tst Ctrl Val On Off, Hyb EV Bat Pack Cool Ctrl Vlv B Tst Ctrl Val On Off, Hyb EV Bat Pack Cool Ctrl Vlv B Tst Inp O-P Control Parameter, Hyb EV Bat Pack Cool Ctrl Vlv C Tst Ctrl Val On Off, Hyb EV Battery Pack Cool Ctrl Valve A Test Control Value On Off, Hyb EV Battery Pack Cool Ctrl Valve B Test Control Value On Off, Hyb EV Battery Pack Cool Ctrl Valve C Test Control Value On Off, Hydraulic Pump Hydraulic Pump, Idle Speed Adjustment Adjustment Value Idle Speed, Idle Speed Adjustment Nmot Sb Q10 8 Bits Calibration Data, Idle Speed Adjustment VW Common Control State, Ign Ky Withdrawal Lock, Act VW Com Ctrl St, Ignition Key Removal Lock, Illum Op And Disp Tst Ctrl Val On Off, Illum Op And Disp Tst VW Com Ctrl St, Illum Telephone Op Functional Illum Op, Illumination, Illumination Control Value, Illumination Operating And Disp Unit Test VW Common Ctrl State, Illumination Operating And Display Unit Test Ctrl Value On Off, Illumination Periodic Signal Control Value, Illumination Telephone Operating Unit, Illumination Telephone Operating Unit Control Value, Inclination Sensor Indicator Light, In-Cylinder Flow Flap, Ind Lamp For Start Stop Operation Or Elec Dr Test Ctrl Value, Ind Lamp In Electronic Parking Brake Button Ctrl Value On Off, Ind Lmp Electromechanical Park Brk Ind Lmp Electromechanical P, Ind Lmp Electromechanical Park Brk VW Com Ctrl St, Ind Lmp In Elec Park Brk Btn Ctrl Val On Off, Ind Lmp Malf Electromechani Park Brk Ind Lmp Malf Electromecha, Ind Lmp Malf Electromechanical Park Brk VW Com Ctrl St, Ind Lmp Rr Tilting Sunroof Tst Ctrl Val On Off, Ind Lmp Strt St Op Or Elec Dr Tst Ctrl Val, Indicator Lamp Auto Hold, Indicator Lamp Auto Hold Control Value, Indicator Lamp Auto Hold Indicator Lamp Auto Hold, Indicator Lamp For Hold Assist Control Value On OFF, Indicator Lamp Park Brake Button Control State, Indicator Light For Automated Driving Test Control Value, Indicator Light For Auxiliary Water Heating Test Control Value, Indicator Light For Engine Sound Generation Test Control Value, Indicator Light For Glow Control, Indicator Light For Glow Control VW Common Control State, Indicator Light For Steering Wheel Heater Test Control Value, Indicator Lmp For Electromechanical PK Brk Ind Lmp For Electrom, Indicator Lmp Malf Electromechanical PK Brk Ind Lmp Malf Electr, Indirect Ventilation Flap Control Motor, Indirect Ventilation Flap Motor Setpoint, Individ. Matrix Headlamp Segment, Individual Segment Control Matrix Headlamp, Individual Segment Control Matrix Headlamp Control Value, Injection Valve 1, Injection Valve 2, Injection Valve 3, Injection Valve 4, Injection Valve 5, Injection Valve 6, Injection Valve Cylinder 1, Injection Valve Cylinder 2, Injection Valve Cylinder 3, Injection Valve Cylinder 4, Injection Valve

Cylinder 5, Injection Valve Cylinder 6, Injector Valve 1, Injector Valve 1 VW Common Control State, Injector Valve 10 VW Common Control State, Injector Valve 10B Actuator, Injector Valve 10B Position, Injector Valve 11 VW Common Control State, Injector Valve 11B Actuator, Injector Valve 11B Position, Injector Valve 12 VW Common Control State, Injector Valve 12B Actuator, Injector Valve 12B Position, Injector Valve 13 Actuator, Injector Valve 13 Position, Injector Valve 13B Actuator, Injector Valve 13B Position, Injector Valve 14 Actuator, Injector Valve 14 Position, Injector Valve 14B Actuator, Injector Valve 14B Position, Injector Valve 15 Actuator, Injector Valve 15 Position, Injector Valve 15B Actuator, Injector Valve 15B Position, Injector Valve 16 Actuator, Injector Valve 16 Position, Injector Valve 16B Actuator, Injector Valve 16B Position, Injector Valve 1B Actuator, Injector Valve 1B Position, Injector Valve 2, Injector Valve 2 VW Common Control State, Injector Valve 2B Actuator, Injector Valve 2B Position, Injector Valve 3, Injector Valve 3 VW Common Control State, Injector Valve 3B Actuator, Injector Valve 3B Position, Injector Valve 4, Injector Valve 4 VW Common Control State, Injector Valve 4B Actuator, Injector Valve 4B Position, Injector Valve 5, Injector Valve 5 VW Common Control State, Injector Valve 5B Actuator, Injector Valve 5B Position, Injector Valve 6, Injector Valve 6 VW Common Control State, Injector Valve 6B Actuator, Injector Valve 6B Position, Injector Valve 7, Injector Valve 7 VW Common Control State, Injector Valve 7B Actuator, Injector Valve 7B Position, Injector Valve 8, Injector Valve 8 VW Common Control State, Injector Valve 8B Actuator, Injector Valve 8B Position, Injector Valve 9 VW Common Control State, Injector Valve 9B Actuator, Injector Valve 9B Position, Injector Valve MPI 1, Injector Valve MPI 1 VW Common Control State, Injector Valve MPI 10 VW Common Control State, Injector Valve MPI 2, Injector Valve MPI 2 VW Common Control State, Injector Valve MPI 3, Injector Valve MPI 3 VW Common Control State, Injector Valve MPI 4, Injector Valve MPI 4 VW Common Control State, Injector Valve MPI 5, Injector Valve MPI 5 VW Common Control State, Injector Valve MPI 6, Injector Valve MPI 6 VW Common Control State, Injector Valve MPI 7 VW Common Control State, Injector Valve MPI 8 VW Common Control State, Injector Valve MPI 9 VW Common Control State, Inlet Camsh. Timing Control (b1), Inlet Camsh. Timing Control (b2), Inlet Camsh.control Solen. Valve, Inlet Valves Front Left ABS Inlet Valve, Inlet Valves Front Right ABS Inlet Valve, Inlet Valves IO Control Option Front Left ABS Inlet Valve, Inlet Valves IO Control Option Front Right ABS Inlet Valve, Inlet Valves IO Control Option Rear Left ABS Inlet Valve, Inlet Valves IO Control Option Rear Right ABS Inlet Valve, Inlet Valves Rear Left ABS Inlet Valve, Inlet Valves Rear Right ABS Inlet Valve, Inline Fuel Pump Relais VW Common Control State, Inline Fuel Pump Relays, Instrument Cluster Function Lamp (Activation), Instrument Cluster Lamp Test, Instrument Cluster Red Malfunction Lamp (Activation), Instrument Cluster Yellow Malfunction Lamp (Activation), Instrument Cluster: Contour Lighting, Instrument Lighting Test Control Value Klemme 58xs, Instrument Lighting Test Control Value Klemme 58xt, Instrument Lighting Test Control Value Start Parameter, Int Aerial 1 Entry And Strt Sys Diag Ctrl Val, Int Aerial 2 Entry And Strt Sys Diag Ctrl Val, Intake Air Control Valve, Intake Air Switch Solenoid Valve, Intake Man./in-Cyl. Flow Flap 2, Intake Manifold Flap, Intake Manifold Runner, Intake Manifold Runner Flap VW Common Control State, Intake-Man./in-Cylinder Flow Flap, Interior Aerial 1 For Entry And Start System Diag Ctrl Value, Interior Aerial 2 For Entry And Start System Diag Ctrl Value, Interior Ambient Lighting, Interior And Function Lighting, Interior Door Handle Illumination, Interior Illumination, Interior Light Deactivation Test Control Value Can Signal, Interior Light Deactivation Test Control Value Indication Light, Interior Light Dimming Test Control Value, Interior Lighting, Interior Lighting (Terminal 30), Interior Lights Dimming, Interior Lights Dimming (Terminal 58d), Interior Monitoring Indicator Light, Interior Monitoring Indicator Light Test Control Value, Interior Monitoring System Indicator Lamp, Interior Monitoring Vehicle Type, Interior Rear Light, Interior Temp Sensor Fan, Internal Blower Control, Internal Blower Control Control Value Fan Level, Internal Blower Control Fan Level, Iocontrol Particle Filter Regen Pump VW Common Ctrl State, Ionisator Front Ionisator Aus-An, Ionisator Rear Ionisator Aus-An, Ioniser Test Control Value, Ionizer Test Control Value, Keyless Antennas: Access/start Authorization, Lamp For Signature Light Left Power Supply Test Control Value, Lamp For Signature Light Right Power Supply Test Control Value, Lamp Test,

Lamps For Vent Illumination Test Control Value, Lane Change Assist Warning Lamp, Lane Change Assist Warning Lamp In Driver Side Exterior Mirror, Lane Change Assist Warning Lamp In Front Pass Side Ext Mirror, Lane Change Assist Warning Lamp Instrument Cluster, Lane Chng Asst Warn Lmp In Lt Extrior Mir Ctrl Val, Lane Chng Asst Warn Lmp In Lt Extrior Mir Ctrl Val On Off, Lane Chng Asst Warn Lmp In Rt Extrior Mir Ctrl Val, Lane Chng Asst Warn Lmp Inst Clus Ctrl Val, Lane Departure Warning Indicator, Lck Elec Act Ctrl Val Haldex Trans Act, Idle speed, Le. Dayt.driv./side Light Led Power Mod., Le. Lgt.distr.: Country Road Lgt., Le. Light Distr.: Light/dark Lim., Leak Detection Pump, LED Channel 1 Test Control Value, LED Channel 2 Test Control Value, LED Channel 3 Test Control Value, LED Channel 4 Test Control Value, LED Door Opening Alert Test Control Value, Led Headlamp Power Module Left Power Supply Test Control Value, Led Headlamp Power Module Right Power Supply Test Control Value, Led Wiper Switch, LED-Ring Of Adaptive Cruise Control, Left Cornering Light: Dimming, Left Daytime Driving Light, Left Daytime Driving Light Bulb 2, Left Daytime Driving/side Light, Left Footwell Flap Positioning Motor Control Value On Off, Left Head Area Heating, Left Indirect Ventilation Flap Motor Control Value On Off, Left Light Distr.: Motorway Light, Left Light Distr.: Urban Light, Left Main Beam Screen, Left Rear Light, Left Rear Upper Body Vent Motor Control Value On Off, Left Side 2nd Row Actuator Test Precrash Pretensioner, Left Side Actuator Test Precrash Pretensioner, Left Side Light/dayt. Driv. Light Bulb 2, Left Side Light: 1, Left Side Light: 2, Left Side Vent Motor Control Value On Off, Left Static Cornering Light, Left Temperature Flap Control Motor Control Value On Off, Left Temperature Flap Control Motor Setpoint, Left Temperature Flap Control Motor Sollwert, Left Temperature Flap Ctrl Motor Input Output Control Parameter, Left Valve For Engine Bearing, Left Window Defroster Flap Positioning Motor Ctrl Value On Off, Lens Heater Control Value, Lft Light Distr.: Aut. Main Beam, Licence Plate Light, License-Plate Lights, Lift Sunroof, Light Control Module Left Power Supply Test Control Value, Light Control Module Right Power Supply Test Control Value, Light Dist Left Headlamp Ctrl Value Light Distribution Target, Light Dist Lt Headlamp Ctrl Val Light Dist Tar, Light Dist Lt Headlamp Light Dist Tar Val, Light Dist Right Headlamp Ctrl Value Light Distribution Target, Light Dist Rt Headlamp Ctrl Val Light Dist Tar, Light Dist Rt Headlamp Light Dist Tar Val, Light Dist Rt LED Headlamp Ctrl Val Light Dist Tar, Light Distribution Headlamp Control Value, Light Distribution Left Headlamp Control Value, Light Distribution Left Led Headlamp Control Value, Light Distribution Right Headlamp Control Value, Light Distribution Right Led Headlamp Control Value, Lighting/Illumination, LIN Heck-PTC Kanal A Control State, LIN Heck-PTC Kanal B Control State, Line diagnostics Control Value, LKL1 Actuator Diagnosis Control Value LED, LKL2 Actuator Diagnosis Control Value LED, Load Management, Loading Space Light Test Control Value, Logic Channel 1 Test Control Value, Logic Channel 2 Test Control Value, Loudspeaker Test, Loudspeaker Test Acoustic Loudspeaker Test Channel Selection, Loudspeaker Test Acoustic Test Frequency, Loudspeaker Test Acs Ctrl Val Loudspeaker Test Chn Selection, Low Beam Entire Control Value, Low Beam Lamp Left, Low Beam Lamp Right, Low Beam Reflector Motor Left, Low Beam Reflector Motor Right, Low Beam Shutter Left Test Control Value, Low Beam Shutter Right Test Control Value, Low Beam Shutter Test Control Value, Low Beams (Left/Right), Low Pressure EGR Exhaust Flap Actuator, Low Pressure EGR Exhaust Flap Actuator VW Common Control State, Lowbeam Test Controlstate Data 2, Lower Beam Left Test Control Value, Lower Beam Right Test Control Value, Lower Beam Test Control Value, Lower Beam Test Control Value Side Selection, Lower Beam Test Control Value Start Parameter, Lower Vehicle Front Left Control Value Onoff, Lower Vehicle Front Right Control Value Onoff, Lower Vehicle Rear Left Control Value, Lower Vehicle Rear Right Control Value Onoff, Low-Output Coolant Preheat Relay, Lt B-Pillar And Footwell Shut Off Flap Motor Ctrl Value On Off, Lt B-Pillar And FW Shut Off Flap Mot Ctrl Val On Off, Lt Footwell Temperature Flap Positioning Mot Ctrl Value On Off, Lt FW Temp Flap Positioning Mot Ctrl Val On Off, Lt Win Defroster Flap Positioning Mot Ctrl Val On Off, Lug Comp Aerial Entry And Strt Sys Diag Ctrl Val, Lug Comp Emerg Rel Ind Lmp Tst Ctrl Val, Lug Compartment Aerial For Entry And Strt Sys Diag Ctrl Value, Luggage Compartment Illumination Front Test Control Value, Luggage Compartment Light Test Control Value, Lumbar Support Height Adjustment, Lumbar Support Height Adjustment Test Control



Value, Lumbar Support Height Adjustment Test Direction Of Movement, Lumbar Support Lngitdnl Adj Tst Dir Movement, Lumbar Support Longit. Adjustment, Lumbar Support Longitudinal Adjustment Test Control Value, LWR Position Test Controlstate Data 2, Mag Clutch For Supercharger Air Gap Test VW Common Ctrl State, Magnetic Clutch For Air Condition, Magnetic Clutch For Air Condition Control Value, Magnetic Clutch For Air Condition Input Output Ctrl Parameter, Magnetic Clutch For Air Condition Setpoint, Magnetic Clutch For Air Condition VW Common Control State, Magnetic Clutch For Supercharger, Magnetic Clutch For Supercharger VW Common Control State, Main Beam, Main Beam Activation, Main Beam Activation Control Value, Main Beam Activation Control Value On Off, Main Beam Assist. Indicator Lamp, Main Beam Left Test Control Value, Main Beam Right Test Control Value, Main Beam Test Control Value Side Selection, Main Beam Test Control Value Start Parameter, Main Relay, Malfunction Indication Light, Malfunction Indicator Lamp, Malfunction Indicator Lamp VW Common Control State, Manoeuvre Light Request Control Value 1, Map Controlled Eng Cooling Sys Therm VW Com Ctrl St, Map Controlled Eng Cooling Sys Thermostat VW Common Ctrl State, Mass Control Valve Relay, Mass Control Valve Relay VW Common Control State, Matrix Headlamp Reference Segment, Matrixbeam Test Control Value, Maximum Cooling Output, Maximum Heat Output, Maximum Heater Output, Maximum Refrigerating Output, Mechanical System Display Unit 1, Microph. Signal Via Audio Output, Microphone Test, Midrange Speaker Front, Midrange Speaker Front Left, Midrange Speaker Front Left Control Value, Midrange Speaker Front Right, Midrange Speaker Front Right Control Value, Midrange Speaker Rear Left, Midrange Speaker Rear Left Control Value, Midrange Speaker Rear Right, Midrange Speaker Rear Right Control Value, Midrange/Woofer Loudspeaker Rear, Midrange/Woofer Loudspeaker Rear Left, Midrange/Woofer Loudspeaker Rear Right, Mirror Adjusting Motor, Mirror Adjustment Move Down Actuation Time, Mirror Adjustment Move Down Start Parameter, Mirror Adjustment Move Left Actuation Time, Mirror Adjustment Move Left Start Parameter, Mirror Adjustment Move Right Actuation Time, Mirror Adjustment Move Right Start Parameter, Mirror Adjustment Move Up Actuation Time, Mirror Adjustment Move Up Start Parameter, Mirror Adjustment Test Control Value, Mirror Dimming Control Value, Mirror Dimming Control Value On Off, Mirror Folding (In) Motors, Mirror Folding (Out) Motors, Mirror Folding Control Actuation Time, Mirror Folding Control Control Value, Mirror Folding Control Start Parameter, Mirror Folding Motor, Mirror Function Test, Mirror Heater, Mirror Heating, Mirror Heating Control Actuation Time, Mirror Heating Control Control Value, Mirror Heating Control Start Parameter, MMI Display Request, Temperature Driver, Mmi Display Temp. Setting Actuat., Motor Control Control Value Select Motor, Motor Flap For Frame Linkage, Motor To Open Rear Lid Window, Motor To Open Rear Lid Window Control Value On Off, Move Headlamp Horizontally Test Control Value, Move Headlamp Vertically Test Control Value, Move Left Headlamp Horizontally, Move Left Headlamp Horizontally Control Value, Move Left Headlamp Horizontally Horizontal Target Positon, Move Left Headlamp Vertically, Move Left Headlamp Vertically Control Value, Move Left Headlamp Vertically Control Value Vertical Position, Move Left Headlamp Vertically Vertical Positon, Move Lt Headlamp Horizontally Ctrl Val Horizontal Tar Pos, Move Lt Headlamp Horizontally Ctrl Val Horizontal Tar Position, Move Lt Headlamp Vertically In Mm Dev Vert Positon, Move Right Headlamp Horizontally, Move Right Headlamp Horizontally Control Value, Move Right Headlamp Horizontally Horizontal Target Positon, Move Right Headlamp Vertically, Move Right Headlamp Vertically Control Value, Move Right Headlamp Vertically Control Value Vertical Position, Move Right Headlamp Vertically Vertical Positon, Move Rt Headlamp Horizontally Ctrl Val Horizontal Tar Pos, Move Rt Headlamp Horizontally Ctrl Val Horizontal Tar Position, Move Rt Headlamp Vertically In Mm Dev Vert Positon, Multi Contour Seat Driver Side System Function Test Ctrl Value, Multi Contour Seat Passenger Side System Fun Test Ctrl Value, Multi Contour St Dr Sd Sys Fun Tst Ctrl Val, Multi Contour St Pass Sd Sys Fun Tst Ctrl Val, Multi Function Output 01 Flex IO-Control State, Multi Function Output 02 Flex IO-Control State, Multi Function Output 03 Flex IO-Control State, Multi Function Output 04 Flex IO-Control State, Multi Function Output 05 Flex IO-Control State, Multi Function Output 06 Flex IO-Control State, Multi Function Output 07 Flex IO-Control State, Multi

Function Output 08 Flex IO-Control State, Multi Function Output 09 Flex Control PWM Duty, Multi Function Output 09 Flex Control PWM Frequency, Multi Function Output 10 Flex Control PWM Duty, Multi Function Output 10 Flex Control PWM Frequency, Multi Function Output 11 Flex Control PWM Duty, Multi Function Output 11 Flex Control PWM Frequency, Multi Function Output 12 Flex Control PWM Duty, Multi Function Output 12 Flex Control PWM Frequency, Multi Function Output 13 Flex Control PWM Duty, Multi Function Output 13 Flex Control PWM Frequency, Multi Function Output 14 Flex Control PWM Duty, Multi Function Output 14 Flex Control PWM Frequency, Multi Function Output 15 Flex Control PWM Duty, Multi Function Output 15 Flex Control PWM Frequency, Multi Function Output 16 Flex Control PWM Duty, Multi Function Output 16 Flex Control PWM Frequency, Multi Function Output 17 Flex Control PWM Duty, Multi Function Output 17 Flex Control PWM Frequency, Multi Function Output 18 Flex Control PWM Duty, Multi Function Output 18 Flex Control PWM Frequency, Multi Function Output 19 Flex Control PWM Duty, Multi Function Output 19 Flex Control PWM Frequency, Multi Function Output 20 Flex Control PWM Duty, Multi Function Output 20 Flex Control PWM Frequency, Multi Function Output 21 Flex Control PWM Duty, Multi Function Output 21 Flex Control PWM Frequency, Multi Function Output 22 Flex Control PWM Duty, Multi Function Output 22 Flex Control PWM Frequency, Multi Function Output 23 Flex IO-Control State, Multi Function Output 24 Flex IO-Control State, Multi-Contour Seat Compressor, Multifunction Steering Wheel, Dimming, Multimedia Operating Unit: Contour Lighting, Mute Entertainment, Near Field Communication Antenna Test Control Value, Near Field Communication Antenna Test Ctrl Val Vert Position, Neck Heating Left Control Value, Neck Heating Right Control Value, Oil Level Warning Lamp, Oil Pressure Control Valve, Oil Pressure Regulation Valve, Oil Pressure Valve, Oil Pressure Valve VW Common Control State, Oil Temperature, Oil-Pressure Indicator Lamp, Online Service Transmiss. Config., Op And Disp A-C Rr Haptic FB Tst Ctrl Val, Op And Disp A-C Rr Speaker Tst Ctrl Val, Op And Disp Units For Air Conditioning Speaker Test Ctrl Value, Open Converter Clutch Control Value, Open Luggage Compartment Cover Control Value, Open Rear Lid Control Value, Open Sun Blind, Open Sunroof, Open The Rear Lid, Operating And Display Units For A-C Speaker Test Control Value, Operating Unit Button Illuminat., Operating Unit Illumination, Output 1 For Exterior Lighting Test Control Value, Output 10 For Exterior Lighting Test Control Value, Output 11 For Exterior Lighting Test Control Value, Output 12 For Exterior Lighting Test Control Value, Output 13 For Exterior Lighting Test Control Value, Output 14 For Exterior Lighting Test Control Value, Output 15 For Exterior Lighting Test Control Value, Output 16 For Exterior Lighting Test Control Value, Output 17 For Exterior Lighting Test Control Value, Output 18 For Exterior Lighting Test Control Value, Output 19 For Exterior Lighting Test Control Value, Output 2 For Exterior Lighting Test Control Value, Output 20 For Exterior Lighting Test Control Value, Output 21 For Exterior Lighting Test Control Value, Output 22 For Exterior Lighting Test Control Value, Output 23 For Exterior Lighting Test Control Value, Output 3 For Exterior Lighting Test Control Value, Output 4 For Exterior Lighting Test Control Value, Output 5 For Exterior Lighting Test Control Value, Output 6 For Exterior Lighting Test Control Value, Output 7 For Exterior Lighting Test Control Value, Output 8 For Exterior Lighting Test Control Value, Output 9 For Exterior Lighting Test Control Value, Output Tests (03), Outside Warning Light/Door Exit Light Rear Right, Parallel Parking Assistance Indicator Lamp, Park Assist Activation Of Partner Control Units Control Value, Park Brk Mot Lt Closing Stepwise Park Brk Mot Lt Closing Stepw, Park Brk Mot Lt Closing Stepwise VW Com Ctrl St, Park Brk Mot Rt Closing Stepwise Park Brk Mot Rt Closing Stepw, Park Brk Mot Rt Closing Stepwise VW Com Ctrl St, Park Brk Motors Closing Stepwis Park Brk Motors Closing Stepwis, Parked Wiper And Washer Jet Heating Test Control Value, Parking Aid Activation, Parking Aid Activation Control Value, Parking Aid Activation VW Common Control State, Parking Aid Button Indicator Light Test, Parking Aid Button Indicator Light Test Control Value 1, Parking Aid Button, (control Lamp): Actuation, Parking Aid Warning Chime, Parking Aid Warning Chime Front, Parking Aid Warning Lamp, Parking Aid Warning Lamp Control Value, Parking Aid Warning Lamp VW Common Control State, Parking Aid, Loudspeaker, Parking Aid: Activation, Parking Assistant Indicator Lamp, Parking Assistant Warning Lamp, Parking Assistant Warning Lamp Control

Value, Parking Brake Button Led, Parking Brake Close (Activation), Parking Brake Close (Deactivation), Parking Brake Close Left (Activation), Parking Brake Close Right (Activation), Parking Brake Electric Motor Speed, Parking Brake Indicator Lamp, Parking Brake Motor Direction Of Rotation, Parking Brake Motor Maximum Current, Parking Brake Motor PWM Pulse Duty Factor 1, Parking Brake Motors, Parking Brake Motors Closing Stepwise, Parking Brake Motors Parking Brake Motors, Parking Brake Warning Lamp, Parking Brk Mot Lt Closing Stepwise IO Ctrl Opt PK Brk Mot Lt C, Parking Brk Mot Lt Closing Stepwise PK Brk Mot Lt Closing Stepw, Parking Brk Mot Rt Closing Stepwise IO Ctrl Opt PK Brk Mot Rt C, Parking Brk Mot Rt Closing Stepwise PK Brk Mot Rt Closing Stepw, Parking Brk Motors Closing Stepwise IO Ctrl Opt PK Brk Motors C, Parking Brk Motors Closing Stepwise PK Brk Motors Closing Stepw, Parking Light Test 2 Control Value, Parking Light Test Control Value, Parking Lights, Parking Lights LED Module Control Circuit Left, Parking Lights LED Module Control Circuit Right, Parking Lights Left, Parking Lights Left Front, Parking Lights Right, Parking Lights Right Front, Parking Lock Solenoid Activation VW Common Control State, Parking Steering Ass. Indic. Lamp, Parking-Aid Indicator Lamp, Particulate Filter Fault Lamp, Particulate Filter Indicator Lamp, Pass Actual Ambient Temp Value Input Output Ctrl Parameter, Pass Actual Ambient Temperature Value Angle Type, Pass Actual Ambient Temperature Value Control Value On Off, Pass.side Window Lifter, Closing, Pass.side Window Lifter, Opening, Passenger Airbag Off Display, Passenger- Airbag-Off Display Control Onoff, Passenger Side Multi-Contour Seat: Functional Test, Pause Display, Permanent Driving Lights Test Control Value, Pilot lamp for pre-glow time, Piston Cooling Jet Control Valve, Piston Cooling Jet Control Valve VW Common Control State, Piston Cooling Jet Solenoid Valve, Pixel Error Test, Pixel Failure Test Control Value, PODS Serial Number, Position Front Window Wiper Test Control Value, Positioning Mot Air Recirculation Flap VW Com Ctrl St, Positioning Mot Center Lt Vent Flap VW Com Ctrl St, Positioning Mot Center Rt Vent Flap VW Com Ctrl St, Positioning Mot Indirect Vent Flap VW Com Ctrl St, Positioning Mot Lt FW Flap VW Com Ctrl St, Positioning Mot Lt FW Temp Flap VW Com Ctrl St, Positioning Mot Lt Sd Vent Flap VW Com Ctrl St, Positioning Mot Lt Temp Flap VW Com Ctrl St, Positioning Mot Rr Lt Air Vol Flap VW Com Ctrl St, Positioning Mot Rr Lt Temp Flap VW Com Ctrl St, Positioning Mot Rr Rt Air Vol Flap VW Com Ctrl St, Positioning Mot Rr Rt Temp Flap VW Com Ctrl St, Positioning Mot Rr Temp Flap VW Com Ctrl St, Positioning Mot Rt FW Flap VW Com Ctrl St, Positioning Mot Rt FW Temp Flap VW Com Ctrl St, Positioning Mot Rt Sd Vent Flap VW Com Ctrl St, Positioning Mot Rt Temp Flap VW Com Ctrl St, Positioning Motor For Defroster Flap, Positioning Motor For Fresh Air Flap, Positionlight Test Controlstate Data 2, Power Latching System Short Test Control Value, Power Latching System Test Control Value, Power Operated Convertible Roof Valve 1, Power Operated Convertible Roof Valve 1 Control Value On Off, Power Operated Convertible Roof Valve 2, Power Operated Convertible Roof Valve 2 Control Value On Off, Power Operated Convertible Roof Valve 3, Power Operated Convertible Roof Valve 3 Control Value On Off, Power Operated Convertible Roof Valve 4, Power Operated Convertible Roof Valve 4 Control Value On Off, Power Operated Convertible Roof Valve 5, Power Operated Convertible Roof Valve 5 Control Value On Off, Power Operated Convertible Roof Valve 6, Power Operated Convertible Roof Valve 6 Control Value On Off, Power Sockets Control Test Control Value, Power Supply Cradle On Off Test, Power Supply LMS Left Control Value, Power Supply LMS Right Control Value, Powermeter Display Test, Preheating Indicator Lamp, Premium Testbild 1, Premium Testbild 2, Premium Testbild 3, Pressure Test, Priority Veh Eng Cont Op Tst Ctrl Val Ind Light, Priority Veh Eng Cont Op Tst Ctrl Val Rel, Priority Veh Eng Cont Op Tst Ctrl Val Term 15 Bridge, Priority Veh Rad Trans Tst Ctrl Val 0 Rad, Priority Veh Rad Trans Tst Ctrl Val Ind Light, Priority Veh Rad Trans Tst Ctrl Val Sup V, Priority Vehicle Weapons Box Test Control Value, Ps Belt Buckle Illumination, PTC 1500W Sollwert, PTC Heating Element 1, PTC Heating Element 1 VW Common Control State, PTC Heating Element 2, PTC Heating Element 2 VW Common Control State, PTC Heating Element 3 VW Common Control State, Pulse-wheel test, Pump 1 Refrigerant Circulation Test Input Output Ctrl Parameter, Pump 2 Refrigerant Circulation Test Input Output Ctrl Parameter, Pump For All Wheel Drive Electronic Valve 1, Pump For All Wheel Drive Electronic Valve 2, Pump For All Wheel Drive Electronic Voltage Value, Push Button Leds Control Value, PWM Signal Belt, Quiescent

Current Analysis, Radiator Blind, Radiator Fan, Radiator Fan 1, Radiator Fan 2, Radiator Fan Actuation, Radiator Fan Actuation 1, Radiator Fan Actuation 2, Radiator fan control 1 start parameter, Radiator fan control 2 start parameters, Radiator Fan Relay 1, Radiator Fan Relay 2, Radiator Roller Blind Control VW Common Control State, Radiator Shutter Control, Radiator Shutter Control 2, Radiator Shutter Control 2 VW Common Control State, Radiator Shutter Control 3, Radiator Shutter Control 3 VW Common Control State, Radiator Shutter Control 4, Radiator Shutter Control 4 VW Common Control State, Radiator Shutter Control Control Value On Off, Radiator Shutter Control Input Output Control Parameter, Radiator Shutter Control VW Common Control State, Rail Pressure Reduction, Range Display Test, Re. Temp. Door Positioning Motor, Read Configuration, Reading Lights, Rear Acoustic Signal Frequency, Rear Acoustic Signal Volume, Rear Air Diffus Positioning Motor Control Value On Off, Rear Air Recirculation Flap Positioning Motor Ctrl Value On Off, Rear Blower Activation Control Value On Off, Rear Blower Activation Input Output Control Parameter, Rear Blower Activation Setpoint, Rear Centre Belt Catch Lighting, Rear Dr.side Pw: Closing Signal, Rear Dr.side Pw: Open Signal, Rear DS Door Trim Ambient Light., Rear Exhaust Gas Flap, Rear Fog Light, Rear Footwell Lights, Rear Indicator Lamp, Rear Left ABS Inlet Valve Control Value On OFF, Rear Left ABS Inlet Valve Rear Left ABS Inlet Valve, Rear Left ABS Inlet Valve VW Local Control State, Rear Left ABS Outlet Valve Control Value On OFF, Rear Left ABS Outlet Valve VW Local Control State, Rear Left Abs Solenoid Valve, Rear Left Belt Catch Lighting, Rear Left Lock Motor, Rear Left Loudspeaker Control Value, Rear Left Seat Ventilation, Rear Left Temperature Flap Positioning Motor Ctrl Value On Off, Rear Lid Connection Test Control Value Orientation Value, Rear Lid Power Latching System, Rear Lid Power Latching Test Control Value, Rear Light Test Control Value, Rear Light Trailer Left Test Control Value, Rear Light Trailer Right Test Control Value, Rear Parking Aid Loudspeaker, Rear Parking Aid Loudspeaker Control Value, Rear Parking Aid Loudspeaker VW Common Control State, Rear Pass.side Pw: Closing Signal, Rear Pass.side Pw: Open Signal, Rear PS Door Trim Ambient Light., Rear Right ABS Inlet Valve Control Value On OFF, Rear Right ABS Inlet Valve Rear Right ABS Inlet Valve, Rear Right ABS Inlet Valve VW Local Control State, Rear Right ABS Outlet Valve Control Value On OFF, Rear Right ABS Outlet Valve VW Local Control State, Rear Right Abs Solenoid Valve, Rear Right Belt Catch Lighting, Rear Right Lock Motor, Rear Right Loudspeaker Control Value, Rear Right Seat Ventilation, Rear Right Temperature Flap Positioning Motor Ctrl Value On Off, Rear Roller Blind Test Control Value, Rear Spoiler, Rear Spoiler Indicator Light Test Control Value, Rear Spoiler Position Test Control Value, Rear Sunroof: Close/Lower, Rear Sunroof: Open/Raise, Rear Temperature Flap Positioning Motor Control Value On Off, Rear Washing Test Control Value, Rear Window Heater, Rear Window Roller Blind Motor, Rear Window Washer Pump, Rear Window Wiper Switch Illumination Bulb Control Value, Rear Windshield Unlocking Control Circuit, Rear Wiper, Rear-Window Defogger, Recirculating Pump, Recirculation Valve VW Common Control State, Red Function Lamp Control State, Red Indicator Lamp Control Value On Off, Red Warning Lamp Control State, Red Warning Lamp Control Value On Off, Reductant Pump, Reductant Pump VW Common Control State, Reference Segment Control Matrix Headlamp, Reference Segment Control Matrix Headlamp Control Value, Refrigerant Compressor, Refrigerant Expansion Valve 1 Test Control Value On Off, Refrigerant Expansion Valve 1 Test Input Output Ctrl Parameter, Refrigerant Expansion Valve 2 Test Control Value On Off, Refrigerant Expansion Valve 2 Test Input Output Ctrl Parameter, Refrigerant Expansion Valve 3 Test Control Value On Off, Refrigerant Expansion Valve 3 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 1 Test Control Value, Refrigerant Shut Off Valve 1 Test Control Value On Off, Refrigerant Shut Off Valve 2 Test Control Value, Refrigerant Shut Off Valve 2 Test Control Value On Off, Refrigerant Shut Off Valve 3 Test Control Value On Off, Refrigerant Shut Off Valve 3 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 4 Test Control Value On Off, Refrigerant Shut Off Valve 4 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valve 5 Test Control Value On Off, Refrigerant Shut Off Valve 5 Test Input Output Ctrl Parameter, Refrigerant Shut Off Valves Dynmc Test Inp O-P Ctrl Parameter, Refrigerant Shut Off Valves Dynmc Tst Comp Pow Lim 1, Refrigerant Shut Off Valves Dynmc Tst Compressor Pow Limitation, Refrigerant Valves Supply Voltage

Test Control Value On Off, Regulating Flap Control Unit / Motor, Relay Cooler Fan 1, Relay Cooler Fan 2, Relay Electric Coolant Pump VW Common Control State, Relay For High Heat Output, Relay For High Heating Output, Relay For Low Heat Output, Relay For Low Heating Output, Relay For Prefeed Pump, Relay For Pump, Fuel Cooling VW Common Control State, Relay Secondary Air Pump, Release Both Brakes Control State, Release Both Brakes Control Value On Off, Release Left Brake Control State, Release Left Brake Control Value On Off, Release Right Brake Control State, Release Right Brake Control Value On Off, Rem Cen Lck Tst Ctrl Val VW Com Ctrl St, Remote Balance Control Control Value, Remote Balance Control Soundposition, Remote Control Status Control Value, Remote Control Test Control Value Indicator Light, Remote Control Test Control Value Supply Voltage, Remote Freq Selection DAB Band III Ctrl Value Freq DAB Band 3, Remote Frequency Selection AM Control Value, Remote Frequency Selection AM Frequency AM, Remote Frequency Selection DAB Band III Frequency DAB Band 3, Remote Frequency Selection DAB Band L Frequency DAB L Band, Remote Frequency Selection FM Control Value, Remote Frequency Selection FM Control Value Frequency FM, Remote Frequency Selection FM Frequency FM, Remote Set AF Control Value State, Remote Set AF State, Remote Set Bass Sound Settings, Remote Set DAB Announcement Control Value Alarm, Remote Set DAB Announcement Control Value Area Weather Flash, Remote Set DAB Announcement Control Value Event Announcement, Remote Set DAB Announcement Control Value Financial Report, Remote Set DAB Announcement Control Value News Flash, Remote Set DAB Announcement Control Value Programs Info, Remote Set DAB Announcement Control Value Road Traffic Flash, Remote Set DAB Announcement Control Value Special Event, Remote Set DAB Announcement Control Value Sport Report, Remote Set DAB Announcement Control Value Transport Flash, Remote Set DAB Announcement Control Value Warning Service, Remote Set DAB Linking Control Value Mode, Remote Set DAB Linking Mode, Remote Set DAB Mute Control Value DAB Mute, Remote Set DAB Mute DAB Mute, Remote Set DRC DRC State, Remote Set Dyn ZF State, Remote Set GALA, Remote Set GALA Gala State, Remote Set Hidden Tune Control Value Hidden Tune, Remote Set Hidden Tune Hidden Tune, Remote Set Highcut State, Remote Set Lband L Band Selection, Remote Set Loudness, Remote Set Loudness State, Remote Set Middle Sound Settings, Remote Set Mute Mute State, Remote Set Phase Diversity On Off Tuner, Remote Set Sound Settings Set Bass, Remote Set Sound Settings Set Middle, Remote Set Sound Settings Set Treble, Remote Set TP Control Value State, Remote Set TP State, Remote Set Treble Sound Settings, Remote Source Selection Control Value, Remote Source Selection Control Value Source Selection, Remote Source Selection Source Selection, Remote Start Kl 15 Request Control Value, Remote Start Or Pre Conditioning Relay Control Value, Remote Voice Control Control Value Speech Dialog State, Remote Voice Control Speech Dialog State, Remotes KL 15-Anfo Von FFB Einscha (High-P Ctrl Val, Req 48V V Converter Tst Ctrl Val Set Pnt V, Req Hi V Converter Tst Ctrl Val Set Pnt V, Req Starter Gen Tst Ctrl Val excitation current limit, Req Starter Gen Tst Ctrl Val Generator Set Voltage, Request Alternator Test Control Value Excitation current limit, Request Cleaning Laser Scanner Test Control Value, Requested Alternator Test Control Value Cut-out Speed, Requested Alternator Test Control Value generator set voltage, Requested Alternator Test Control Value Shutdown, Requested Alternator Voltage 15,0V Control Value, Requested Starter Gen Test Ctrl Value Exciter current limit, Reserve Fuel Lamp, Reserved VW Common Control State, Reset Hv Charge Cable Mating Cyc., Retract Function Light Operating Button, Retract Mirror, Reversing Light, Reversing Light Test Control Value, Reversing Light Test Control Value Side Selection, Reversing Light Test Control Value Start Parameter, RGB1 LKL1 Actuator Diagnosis Control Value LED, RGB1 LKL2 Actuator Diagnosis Control Value LED, RGB2 LKL1 Actuator Diagnosis Control Value LED, RGB2 LKL2 Actuator Diagnosis Control Value LED, Ri. Dayt.driv./side Light Led Power Mod., Ri. Lgt. Distr.: Aut. Main Beam, Ri. Lgt. Distr.: Country R. Light, Ri. Light Distr.: Light/dark Lim., Ri. Light Distr.: Motorway Light, Right B-Pillar And Footwell Shut Off Flap Mot Ctrl Value On Off, Right Cornering Light: Dimming, Right Daytime Driving Light, Right Daytime Driving Light Bulb 2, Right Daytime Driving/side Light, Right Footwell Flap Positioning Motor Control Value On Off, Right Head Area Heating, Right Indirect Ventilation Flap Motor Control Value On Off,

Right Light Distr.: Urban Light, Right Main Beam Screen, Right Rear Light, Right Rear Upper Body Vent Motor Control Value On Off, Right Sd Light/dayt. Driv. Light Bulb 2, Right Side 2nd Row Actuator Test Precrash Pretensioner, Right Side Actuator Test Precrash Pretensioner, Right Side Light: 1, Right Side Light: 2, Right Side Vent Motor Control Value On Off, Right Static Cornering Light, Right Temperature Flap Control Motor Control Value On Off, Right Temperature Flap Control Motor Setpoint, Right Temperature Flap Control Motor Sollwert, Right Temperature Flap Ctrl Mot Input Output Control Parameter, Right Valve For Engine Bearing, Right Window Defroster Flap Positioning Motor Ctrl Value On Off, Roller Test Bench Mode, Rolloverbars, Rolloverbars Control Onoff, Roof Beam Audio Test Control Value, Roof Blind Test Control Value Direction Of Movement, Roof Blinds: Close, Roof Blinds: Open, Roof Contour Lighting Test Control Value, Roof Marker Light, Roof Roller Blind Test Control Value, Rr Air Recirculation Flap Positioning Mot Ctrl Val On Off, Rr Lt Temp Flap Positioning Mot Ctrl Val On Off, Rr Rt Temp Flap Positioning Mot Ctrl Val On Off, Rt B-Pillar And FW Shut Off Flap Mot Ctrl Val On Off, Rt Footwell Temperature Flap Positioning Mot Ctrl Value On Off, Rt FW Temp Flap Positioning Mot Ctrl Val On Off, Rt Win Defroster Flap Positioning Mot Ctrl Val On Off, RTA Warn Signal Control Value, Safe Indicator Light, Safety/Deadbolt Locks Activation, SCR Heating Devices, SCR Heating Devices 2, SCR Heating Devices 2 VW Common Control State, SCR Heating Devices 3, SCR Heating Devices 3 VW Common Control State, SCR Heating Devices VW Common Control State, SCR Metering Valve, SCR Metering Valve 2 VW Common Control State, SCR Metering Valve VW Common Control State, SCR Reverse Valve, SCR Reverse Valve VW Common Control State, SCR Transfer Pump, SCR Transfer Pump VW Common Control State, Search Illumination, Search Illumination Operating Button, Search Lighting For Operating Elements Test Ctrl Value On Off, Seat And Surface Heatings Test Control Value, Seat Angle Adjustment, Seat Backrest Fan 1 Left Control Value, Seat Backrest Fan 1 Rear Left Test Control Value, Seat Backrest Fan 1 Rear Right Test Control Value, Seat Backrest Fan 1 Right Control Value, Seat Backrest Fan 2 Left Control Value, Seat Backrest Fan 2 Rear Left Test Control Value, Seat Backrest Fan 2 Rear Right Test Control Value, Seat Backrest Fan 2 Right Control Value, Seat Backrest Heating Left Test Control Value, Seat Backrest Heating Left Test Input Output Control Parameter, Seat Backrest Heating Right Test Control Value, Seat Backrest Heating Right Test Input Output Control Parameter, Seat Cushion Fan 1 Left Control Value, Seat Cushion Fan 1 Rear Left Test Control Value, Seat Cushion Fan 1 Rear Right Test Control Value, Seat Cushion Fan 1 Right Control Value, Seat Cushion Fan 2 Left Control Value, Seat Cushion Fan 2 Rear Left Test Control Value, Seat Cushion Fan 2 Rear Right Test Control Value, Seat Cushion Fan 2 Right Control Value, Seat Cushion Heating Left Test Control Value, Seat Cushion Heating Left Test Input Output Control Parameter, Seat Cushion Heating Right Test Control Value, Seat Cushion Heating Right Test Input Output Control Parameter, Seat Depth Adjustment, Seat Depth Adjustment Test Control Value, Seat Fore-And-Aft Adjustment, Seat Heating, Seat Heating Enabling, Seat Heating Entire Test Control Value, Seat Heating Entire Test Input Output Control Parameter, Seat Heating Front Left Setpoint, Seat Heating Front Left Test Control Value, Seat Heating Front Right Setpoint, Seat Heating Front Right Test Control Value, Seat heating level Rear LED indicator Seat heating Hi, Seat Heating Rear, Seat Heating Rear Left, Seat Heating Rear Left Control Value On Off, Seat Heating Rear Left Input Output Control Parameter, Seat Heating Rear Left VW Common Control State, Seat Heating Rear Right, Seat Heating Rear Right Control Value On Off, Seat Heating Rear Right Input Output Control Parameter, Seat Heating Rear Right VW Common Control State, Seat Heating Release Test Control Value, Seat Height Adjustment Test Control Value, Seat Height Adjustment Test Direction Of Movement, Seat Height Adjustment, Front, Seat Inclination Adjustment Test Control Value, Seat Inclination Adjustment Test Direction Of Movement, Seat Longitudinal Adjustment Test Control Value, Seat Longitudinal Adjustment Test Direction Of Movement, Seat Movement Relay Disabling, Seat Position Normal, Seat Ventilation, Seat Ventilation Entire Test Control Value, Seating Position 2 Test Control Value, Seating Position 2 Test Control Value Display Unit Adjustment, Seating Position 2 Test Control Value Display Unit Adjustment 2, Seating Position 2 Test Control Value Folding Headrest, Seating Position 2 Test Control Value Footrest Adjustment, Secondary Air Control Val.

(bank2), Secondary Air Control Valve, Secondary Air Injection Relay, Secondary Air Injection Relay 2, Secondary Air Injection Relay 2 VW Common Control State, Secondary Air Injection Relay VW Common Control State, Secondary Air Injection Solenoid Valve, Secondary Air Injection Valve, Secondary Air Injection Valve 2, Secondary Air Injection Valve 2 VW Common Control State, Secondary Air Injection Valve VW Common Control State, Secondary Air Pump Relay, Secondary Air Relay, Segment Test, Segment Test Colour, Segment Test Control Value Colour, Segment Test Control Value On Off, Segment Test Kopie Von, Segment Test VW Common Control State, Segmenttest, Selector Lever Lock, Self Test Ground Cabling Control Value Currentsource, Sensor For Fine Dust Content Pump Test Control Value, Sensor For Fine Dust Content Valve Test Control Value, Servotronic Steering: Full Assistance, Servotronic Steering: No Assistance, Set Convertible Roof Position Control Value On Off, SH Front Left, SH Front Right, Shift Drum Motor Position Shift Position, Shift Lock Control Value, Shift Valve 2 Refrigerant Test Control Value On Off, Short Brake Apply Left Control State, Short Brake Apply Left Control Value On Off, Short Brake Apply Right Control State, Short Brake Apply Right Control Value On Off, Shut Off Valve For Refrigerant Test Control Value On Off, Shutter Control Value, Side Light Left 2 Test Control Value, Side Light Left Test Control Value, Side Light Right 2 Test Control Value, Side Light Right Test Control Value, Side Light Test 2 Control Value, Side Light Test Control Value, Side Marker Front Left Test Control Value, Side Marker Front Right Test Control Value, Side Marker Light Blub Front Left, Side Marker Light Blub Front Right, Side Marker Light Test Control Value, Side Shades Motor, Side Window Blind Test Control Value, Side-Blinkers Bulb Left, Side-Blinkers Bulb Right, Side-Marker Lamp, Left Front, Side-Marker Lamp, Right Front, Sidemarker Test Controlstate Data 2, Sig Sys LED Tst Ctrl Val Additional Keypad Btn 10, Signal Horn Control Circuit, Signal System Led Test Control Value Additional Keypad Button 1, Signal System Led Test Control Value Additional Keypad Button 2, Signal System Led Test Control Value Additional Keypad Button 3, Signal System Led Test Control Value Additional Keypad Button 4, Signal System Led Test Control Value Additional Keypad Button 5, Signal System Led Test Control Value Additional Keypad Button 6, Signal System Led Test Control Value Additional Keypad Button 7, Signal System Led Test Control Value Additional Keypad Button 8, Signal System Led Test Control Value Additional Keypad Button 9, Signal System Led Test Control Value Colour, Signature Light Test Control Value, SIH Rear Left Control Value, SIH Rear Left Control Value 1, SIH Rear Right Control Value, SIH Rear Right Control Value 1, SIL Rear Left (LLR LS1 Li) Control Value, SIL Rear Left(LLR LL1 Li) Control Value, SIL Rear Right (LLR RL1 Re) Control Value, SIL Rear Right (LLR RS1 Re) Control Value, Siren Changeover Test Control Value, Siren Test Control Value, SL Front Left, SL Front Right, Sliding Roof Function Request Disable, Sliding Sunroof Opening, Sliding Sunroof Test 2 Control Value Direction Of Movement, Sliding Sunroof Test Control Value, Solenoid Valve Boost-Press. Control, Solenoid Valve Exhaust Recirclatn 2, Solenoid Valve Exhaust-Gas Recirc., Solenoid Valve/exhaust Flap 1, Solenoid Valve/exhaust Flap 2, Sounder Control Value On Off, Sounder In Dash Panel Insert, Speaker Left Test Control Value, Speaker Right Test Control Value, Special Function II, Special Functions, Speed Change Of Mirror Adjustment Motor Test Control Value, Speed Indicator, Spindle Actuator Of Engine Decoupler VW Common Control State, Srch Lightng Op Elements Tst Ctrl Val On Off, Start Valid Authentication, Start Valid Authentification Control Value, Start/stop Indicator Lamp, Static Cornering Light Left: Down/Dim, Static Cornering Light Left: Up/Bright, Static Cornering Light Right: Down/Dim, Static Cornering Light Right: Up/Bright, Static Cornering Light Test Control Value Side Selection, Static Cornering Light Test Control Value Start Parameter, Static Cornering Lighting Test 2 Control Value, Static Cornerlight Test Controlstate Data 2, Static Headlight Range Control Test Control Value, Static Test, Stationary Cornering Lamp, Status Report Transmission Test Control Value, Steering Column Adjust. Downwards, Steering Column Adjustm. To Front, Steering Column Adjustm. To Rear, Steering Column Adjustm. Upwards, Steering Wheel Heating, Steering Wheel Heating (2), Steering Wheel Vibration, Steering Wheel Vibration Control Value, Stellmotor B-SäUle-Fuß Links Hinten Intervallbetrieb, Stellmotor B-SäUle-Fuß Links Hinten Klappenposition, Stellmotor B-SäUle-Fuß Rechts Hinten Intervallbetrieb, Stellmotor B-SäUle-Fuß Rechts Hinten Klappenposition, Stopwatch, Subwoofer,

Subwoofer Speaker Control Value, Sup V 2 Ctrl Motors Air Cond Tst Ctrl Val, Sup V 2 For Ctrl Motors Of Air Condition Test Control Value, Sup V Ctrl Motors Air Cond Tst Ctrl Val, Sup V O-P Depth Discharge Protected Tst Ctrl Val, Sup V O-P On Actd Term 15 Tst Ctrl Val, Sup Voltage For Ctrl Motors Of Air Condition Test Control Value, Supercharger Magnetic Clutch, Supp. Heater Heating Element 2, Supplem. Heater Heating Element 1, Supplem. Heating Pump Actuation, Supplementary Heater, Supply Voltage For Air Condition Sensors Test Control Value, Suppress Mirror Glare, Surface Heating Entire Test Control Value, Swinging Logo Test, Swinging Logo Test Control Value 1, Swirl Flap, Swirl Flap Actuator, Swirl Flap Positioner 1, Swirl Flap Positioner 2, Switch and Instrument Lighting, Switch Between Antennas, Switch Control Control Value Status Switch, Switch Search And Functional Lights Entire Test Control Value, Switchable Water Pump, Switchable Waterpump, Switchable Waterpump VW Common Control State, Swivel Motor: Deploy, Swivel Motor: Initialization, Swivel Motor: Retract, System Adjustment, System Adjustment Control Value, System Check For Boosting Function Control Value Onoff, System function test, System Function Test Control Value, System Functional Test, System Identification, Tachometer, Tail Lights Left, Tail Lights Right, Taillights, Tank Characteristic (Fuel Level Sensor 3), Tank Characteristic (Fuel Level Sensor 4), Tank Flap, Tank Flap Locking: Actuation, Tank Flap Release, Tank Flap Test Sequence 1 Control Value, Tank Leak Unit Solenoid Valve, Tank Leakage Diagnosis Pump, Taxi Alarm Test Control Value Can Signal, Taxi Alarm Test Control Value Indication Light, Taxi Alarm Test Control Value Roof Sign, Taxi Roof Sign Test Control Value Indication Light, Taxi Roof Sign Test Control Value Roof Sign, TCS And ESP Indicator Light Test Control Value, Temperature Flap Control Motor, Temperature Flap Control Motor Control Value On Off, Temperature Flap Control Motor Setpoint, Temperature Flap Motor Left, Temperature Flap Motor Right, Temperature Flap Rear Control Motor Setpoint, Temperature Flap Rear Control Motor Sollwert, Temperature Flap Rear Ctrl Motor Input Output Control Parameter, Temperature Flap Servomotor: Left, Temperature Flap Servomotor: Right, Terminal 30 Interior Lighting Test Control Value, Terminal 30 Output Pin10 Test Control Value, Terminal 30 Output Pin9 Test Control Value, Terminal 30G Relay, Terminal 58s, Terminal 58st, Terminal 58xs Test Control Value, Terminal 58xt Test Control Value, Test Accumulator And Compressor Control Value Onoff, Test Announcement, Test Drive Activation, Test Drive Deactivation, Test Image In Middle Display, Test Images, Test Images Control Value, Test Mode, Test picture in center display, Test Screen, Test Sound, Test Voice Prompt, Testbild Im Mitteldisplay, Testbild Schachbrettmuster, Testbild Schachbrettmuster Invers, Testing Signal Audio, Testing Signal Audio Alternating, Theft Protection, Theft Protection Control Option, Theft Protection Control Value, Throttle Actuator, Throttle Body Module Control Circuit, Throttle Valve, Throttle Valve 1, Throttle Valve 1 VW Common Control State, Throttle Valve 2, Throttle Valve 2 VW Common Control State, Throttle Valve Control Module, Throttle Valve Control Unit, Throttle Valve, Bank 1, Tire Pressure Monitoring, Tiredness Detection Switch Off / On, Topview Camera Cleaning Request Control Value 1, Topview Camera Display Test Control State, Torque Converter Clutch, Torque Demand Left Level 1, Torque Demand Left Level 2, Torque Demand Left Level 3, Torque Demand Right Level 1, Torque Demand Right Level 2, Torque Demand Right Level 3, Tourist Mode, Trailer Articulation Angle Sensor Function Test Control Value, Trailer Back-Up Lights, Trailer Brake Control Actuation Actuator Test Control Value, Trailer Brake Lights, Trailer Brake Lights Left, Trailer Brake Lights Right, Trailer Fog Lights Rear, Trailer Hitch Indicator Lamp 2 Actuator Test Control Value, Trailer Hitch Indicator Lamp Actuator Test Control Value, Trailer Hitch Pop Up Test Control Value, Trailer Hitch Power Pivoting In Actuator Test Control Value, Trailer Hitch Power Pivoting Out Actuator Test Control Value, Trailer Hitch Pull In Test Control Value, Trailer Hitch Unlock Test Control Value, Trailer Tail Lights, Trailer Tail Lights Left, Trailer Tail Lights Right, Trailer Turn Signals Left, Trailer Turn Signals Right, Transm. Oil Cooler Bypass Valve, Transmission Coolant Valve, Transmission Mount 1, Transmission Mount 1 VW Common Control State, Transmission Mount 2, Transmission Mount 2 VW Common Control State, Transmission Oil Pump Activation VW Common Control State, Transmission Power Test VW Common Control State, Transmission Power Test VW Common Control State 1, Transmission Power Test VW Common Control



State 2, Transmission Power Test VW Common Control State 3, Transmission Power Test VW Common Control State Signal Path, Transmission Power Test VW Common Ctrl State Transmission Power, Treble Bass Horn Test Control Value, Treble Speaker Front, Treble Speaker Front Left, Treble Speaker Front Right, Treble Speaker Rear, Treble Speaker Rear Left, Treble Speaker Rear Right, Trunk Light, Trunk Light Left, Trunk Light Right, Trunk Locking Module, Trunk Motor, Trunk Remote Unlocking, Turbine Sol. Valve Turbocharger2, Turboch. Recirc.-Air Sol. Valve, Turbocharger 1, Turbocharger Bypass Valve, Turbocharger Bypass Valve 2, Turbocharger Bypass Valve 2 VW Common Control State, Turbocharger Bypass Valve Control Circuit, Turbocharger Bypass Valve VW Common Control State, Turbocharger Control Unit 2, Turbocharger Control Valve, Turbocharger Control Valve 2, Turbocharger Control Valve 2 VW Common Control State, Turbocharger Control Valve VW Common Control State, Turbocharger Turbine Inlet Valve VW Common Control State, Turn Signal Front Left 2 Test Control Value, Turn Signal Front Right 2 Test Control Value, Turn Signal Lamp Acoustic Signal, Turn Signal Light Test Control Value, Turn Signal Side Left Test Control Value, Turn Signal Side Right Test Control Value, Turn Signals Left, Turn Signals Left Test Control Value, Turn Signals Right, Turn Signals Right Test Control Value, Turn Signals Test Control Value Side Selection, Turn Signals Test Control Value Start Parameter, TV Camera Activation Request Control Value 1, Tweeter Speaker Front Left, Tweeter Speaker Front Left Control Value, Tweeter Speaker Front Right, Tweeter Speaker Front Right Control Value, Tweeter Speaker Motor Fr Right Ctrl Value Retractable Speaker, Tweeter Speaker Motor Front Left, Tweeter Speaker Motor Front Left Ctrl Value Retractable Speaker, Tweeter Speaker Motor Front Left Retractable Speaker, Tweeter Speaker Motor Front Right, Tweeter Speaker Motor Front Right Retractable Speaker, Tweeter Speaker Rear Left, Tweeter Speaker Rear Left Control Value, Tweeter Speaker Rear Right, Tweeter Speaker Rear Right Control Value, Underfloor Lighting Test Control Value, Unlock Charging Plug Test, Unlock Charging Plug Test Control Value, Upper Backrest Adjustment Test Control Value, USB Functional Test, Vacuum Pump For Brakes Actuation Control Value On OFF, Valet Parking Indicator Lamp, Valet Parking Warning Lamp Control Value, Valve For Engine Mounting 1, Valve For Engine Mounting 2, Valve For Transmission Mounting 1, Valve For Transmission Mounting 2, Variable Intake Manifold, Variable Intake Manifold VW Common Control State, Variable Intake System, Veh Stabilization Prog SW Vlv 1 Ctrl Val On Off, Veh Stabilization Prog SW Vlv 1 VW Local Ctrl St, Veh Stabilization Prog SW Vlv 2 Ctrl Val On Off, Veh Stabilization Prog SW Vlv 2 VW Local Ctrl St, Vehicle Conditioning, Vehicle Inclination Sensor Indicator Lamp, Vehicle Stabilization Program Switch Valve 1 Ctrl Value On OFF, Vehicle Stabilization Program Switch Valve 2 Ctrl Value On OFF, Vehicle Starter Interlock Control Value, Vehicle Starter Interlock Vehicle Starter Interlock, Vehicle Velocity Signal Test Control Value Pullup Resistor, Video Signal Test Input Output Control Parameter, Visual Comfort Operation/Closing Confirmation, Volume Control Valve 1 VW Common Control State, Volume Control Valve 2 VW Common Control State, Wakeup Cable Activation Of BCM, Warning Beeper, Warning Beeper Control Value Tonauswahl, Warning Beeper Warning Beeper, Warning Buzzer, Warning Lamp, Warning Lamp For Adaptive Light Test Control Value, Warning Lamps, Warning Message, Warning Signal Charging Level In Percent, Warning Signal Control Value Premonition Level, Warning Tone Generator, Washer Fluid Level Indicator Lamp, Washer Jet Heating Test Control Value, Washer Jet Heating Test Input Output Control Parameter, Wastegate, Wastegate Solenoid Valve, Wastegate VW Common Control State, Water Cooling Bypass Vlv Charge Air Cooling VW Com Ctrl State, Water Mixing Act Chrg Air Cooling VW Com Ctrl St, Water Mixing Actuator Charge Air Cooling VW Common Ctrl State, Water Mixing Actuator VW Common Control State, Water Pump Setpoint, Water Valve Setpoint, Wheel Speed Sensor Test Executiontime, Wheel Speed Sensors Index Error Test Control Value Axle, Wind Deflector Movement Control Value Direction Of Movement, Wind Frame Latch Direction Selection, Window Head Up Display Test Control Value, Window Regulator Front Down Actuation Time, Window Regulator Front Down Start Parameter, Window Regulator Front Up Actuation Time, Window Regulator Front Up Start Parameter, Window Regulator Long Drop Position Control Value, Window Regulator Lowering, Window Regulator Motor, Window Regulator Raising, Window Regulator Rear

Down Actuation Time, Window Regulator Rear Down Start Parameter, Window Regulator Rear Up Actuation Time, Window Regulator Rear Up Start Parameter, Window Regulator Test Driver Side Front Control Value, Window Regulator Test Driver Side Rear Control Value, Window Regulator Test Passenger Side Front Control Value, Window Regulator Test Passenger Side Rear Control Value, Window Shade Motor Rear, Window Wiper Front Position Test Control Value, Window Wiper Front Test Control Value, Window Wiper Front Test Control Value Wiper Cycles, Window Wiper Front Test Control Value Wiping Level, Window Wiper Module Rear Test Control Value, Window Wiper System Rear Test Control Value, Windscreen Heater For Camera, Windscreen Heater For Camera Control Value, Windscreen Heater For Lane Departure Warning, Windscreen Heating Control Value, Windscreen Heating Input Output Control Parameter, Windscreen Wiper: Position, Windshield Washer Jet Heating, Windshield Washer Pump, Windshield Washer Pump Front, Windshield Washer Pump Rear, Windshield wiper, Windshield Wiper Heater Element, Washer Jet Heater, Windshield Wiper Motor, Windshield Wiper Motor Stage 1, Windshield Wiper Motor Stage 2, Wiper Interval Rear, Wiper: Upper Reverse Point, Woofer Speaker Front Left, Woofer Speaker Front Left Control Value, Woofer Speaker Front Right, Woofer Speaker Front Right Control Value, Woofer Speaker Rear Left, Woofer Speaker Rear Left Control Value, Woofer Speaker Rear Right, Woofer Speaker Rear Right Control Value, Yellow Function Lamp, Yellow Indicator Lamp For Lane Departure Warning, Yellow Indicator Lamp For Lane Departure Warning Control Value, Yellow Lane Keep.ass. Indic. Lamp, Yellow Warning Lamp Control State, Yellow Warning Lamp Control Value, Yellow Warning Lamp Control Value On Off, Yellow Warning Lamp Control Value VW Common Control State

