

Version 6.4

IMPORTANT NOTE: The information below is selected highlights of new features, new vehicle coverage, fixed defects reported by technician, and improvements. You may notice many more in the software that are just too numerous to identify individually.

New Vehicle Coverage:

The focus of version 6.4 Pegisys Domestic, Asian and European release was:

- 2014 Model Year vehicles for Chrysler/Jeep, Ford and GM
- 2014 Model Year vehicles for Honda, Hyundai, Kia, Mazda, Mitsubishi, Nissan, Toyota
- 2013-2014 Model Year vehicles for BMW and Mini
- 2013 Model Year vehicles for Mercedes Benz and Smart
- 2012-2013 Model Year Audi and Volkswagen vehicles
- 2014 Model Year Fiat vehicles
- 2011-2013 Sprinter vehicles
- Subaru Transmission 1999-2012
- 359 new Manufacturer specific descriptions for OBDII Mode 6 parameters for Ford, Chrysler/Jeep, GM, Mercedes, Nissan

There are defect fixes, improvements, etc. as in each release!

Expanded Coverage:

- 1996-2012 Model Year VW/Audi vehicles.
- 2009-2013 Model Year Mazda vehicles.
- 1996-2012 Model Year BMW vehicles.
- 1996-2012 Model Year Mercedes Benz vehicles.
- VW/Audi vehicles now have all appropriate systems available to select per vehicle 1996-2013.
- 2006-2013 Toyota/Lexus/Scion vehicles, including:
 - 4WD
 - ACCESSORY GATEWAY
 - ELECTRIC POWER STEERING
 - GATEWAY

- IMMOBILIZER
- POWER SOURCE CONTROL
- SMART KEY
- THEFT DETERRENT
- REMOTE ENGINE STARTER
- PRE-COLLISION

New Tests:

- Actuation and Adjustment tests for Jaguar and Land Rover vehicles.
- VW/Audi vehicle and system specific tests, such as:
 - DTC 01486 ESP Function Test for ABS
 - EPB Caliper Open and Close tests for PARKING BRAKE (53).
 - Key FOB Matching for CENTRAL CONVENIENCE (46).
- VW and Audi vehicle and system specific tests, including:
 - Key Matching tests
 - DPF and SCR tests
 - HVAC Test for many vehicles
- Tests required when replacing the EHB module assembly on Mercedes Sensotronic Brake systems, including:
 - EHB Brake Bleed
 - EHB Deactivate
 - EHB Activate and Instructions.
- Jaguar Battery Replacement tests, required on 2009-2012 vehicles after replacing the battery.
- Battery Replacement tests required on some Land Rover and Volvo vehicles after replacing the battery.
- BMW Battery Exchange Register test for the POWER MODULE required on some BMW 7-Series vehicles after replacing the battery.
- Expanded coverage for Ford Battery Monitor System Reset for 2011-2013 vehicles.
- Ford EVAP Leak Test for many 2003-2012 vehicles.
- GM Powertrain, Transfer Case, HVAC and IPC tests for 1996-2001 vehicles.
- GM Airbag and Body tests to perform Serial Number Resync tests for 2005-2008 vehicles.

- GM Airbag and IPC tests to perform Resync tests for 1999-2004 vehicles.
- Hyundai Wheel Alignment Procedure for the Electric Power Steering module on 2012-2014 vehicles.
- 7 new Tire Pressure Sensor Registration tests for GM, Honda, Hyundai, Kia, Subaru and Fiat.

Coverage by the Numbers:

- Added coverage for 25,598 new vehicle-ECU combinations
- Added coverage for 7,547 new systems
- Added 3,096 new Actuation type tests
- Added 565 new Adjustment type tests

Updated Repair Information:

- Repair-Trac fixes
- Code-Assist Library confirmed fixes
- DTC Circuit Description
- DTC Possible Causes
- Code Info
- Data Item Circuit Description
- Data Item Operating Ranges
- PCM Connector Pin Information (B.O.B)
- Updated ABS Brake Bleed Procedures for all manufacturers.
- Updated Oil Light Reset Procedures for all manufacturers.
- Updated TPMS Quick Reference information for all manufacturers.

New Coverage – USA Domestic:

General Motors / Saturn Coverage:

- New coverage added for 2014 Model Year vehicles.
- Coverage added for 2005-2006 Colorado/Canyon Transfer Case.
- New coverage for Reprogram Injector Flow Rates for 2006-2014 Duramax diesels, required after replacing an injector.
- New coverage for Airbag and Body tests to perform Serial Number Resync tests for 2005-2008 vehicles.

- New coverage for Airbag and IPC tests to perform Resync tests for 1999-2004 vehicles.
- Expanded coverage of Engine/PCM special tests for 1996-2011 vehicles.
- Expanded coverage of Transmission special tests for 2004-2008 vehicles.
- Expanded coverage of Transfer Case special tests for 2004-2006 vehicles.
- Expanded coverage of ABS special tests for 2007-2012 vehicles.
- Expanded coverage for HVAC/Climate Control tests for 2004-2007 vehicles.
- Expanded coverage for Instrument Panel/Cluster tests for 1998-2008 vehicles.
- 1,863 new vehicle-ECU configurations.
- 1,543 new systems covered.
- 180 new Adjustment type special tests, including:
 - Engine/PCM
 - APP Learn
 - Crankshaft Learn
 - Fuel Trim Reset
 - HO2S Heater Learn
 - Idle Learn Reset
 - IAC Motor Reset
 - Oil Life Reset
 - Pilot Injector Balance Procedure
 - Reprogram Injector Flow Rates
 - Reset Trans Adapts
 - Clear TAP
 - Learn TAP
 - DPF Service Regeneration
 - Fuel Composition Reset
 - Fuel Filter Life Reset
 - Reductant System Tests
 - Clutch Pedal Position Learn
 - Transmission

- Automated Test
- Clear TAP
- Reset Trans Adapts
- Service Cleaning Procedure
- ABS
 - Automated Bleed
 - Brake Controls Offset Learn
 - Brake Pedal Position Sensor Learn
 - Brake Pressure Sensor Calibration
 - Steering Wheel Angle Sensor Learn
- Airbag
 - Setup SDM Serial Number In BCM
 - Configure New Module
- Body Controls
 - Setup SDM Serial Number In BCM
 - Tire Type/Pressure Selection
- Instrument Panel
 - Synchronize IPC and SIR
 - Write VIN
- Climate (HVAC)
 - HVAC Actuators Learn
- Multi-Axis Accel Sensor Module
 - Yaw Rate Sensor Learn
 - Yaw Rate Sensor Recalibration
- RCDLR
 - Program Key FOB 1-4
 - Setup New RCDLR
- Others
 - Hybrid/EV Battery Pack test
 - Tire Pressure Sensor Registration Tests

- Clear Window Learned Values
- Adjustable Pedal Calibration
- CAN Bus Configuration Learn
- Control Module Reset
- Learn Pedals Softstops
- Park Brake Cable Replacement Procedure
- 888 new Actuation type special tests, including:
 - Engine/PCM
 - Canister Purge
 - EGR Control
 - CMP Actuator Tests
 - Compression Test
 - Cooling Fan
 - Cylinder Power Balance
 - DPF Regeneration Enable
 - Shift Solenoid Tests
 - Engine Speed Control
 - IAC RPM
 - Fan Tests
 - Fuel Injector Balance Tests
 - Fuel Pump
 - HO2S Heater Tests
 - EVAP Leak Detection Pump
 - EVAP Purge Solenoid
 - EVAP Service Bay Test
 - EVAP Test
 - EVAP Vent Solenoid
 - Transmission
 - Shift Solenoid Tests
 - PC Solenoid Tests

- TCC Control
- Transmission Gear
- Transfer Case
 - Motor Driver Tests
 - Lamp Tests
 - ATC Clutch control Tests
- ABS
 - ABS Pump Motor
 - ABS Solenoids
 - Lamp Tests
 - VES Test
- HVAC
 - Afterblow
 - LED Tests
 - Blower Motor Speed
 - Defrost Mode
- Instrument Panel
 - Display Test
 - Gauge Sweep Tests
 - Lamp Tests
- Others
 - Driver Seat Tests
 - Hybrid/EV Battery Tests
 - Parking Brake Service Apply
 - Release Tests

Chrysler/Jeep Coverage:

- New coverage added for 2014 Model Year vehicles.
- New Injector Kill (All Cylinders) test for Cummins diesel engines.
- Coverage added for 2003-2004 Dakota Airbag.

- Added Burn Time parameter for 2005-2009 COP ignition systems.
- Added Adaptive Numerator parameter for 2008-2013 vehicles.
- Improved coverage of tests for GPEC2 PCM systems, for 2007-2010. Sebring/Avenger, Patriot, Journey, Caliber 4 cylinder vehicles.
- 447 new vehicle-ECU configurations.
- 149 new systems covered.
- 91 new Adjustment type special tests, including:
 - Bleed Brakes
 - Brake Pedal Calibration
 - ELSD Quicklearn
 - Emissions Rolls Test Mode
 - Exhaust and Intake Phaser Cleaning Tests
 - HVAC Actuator Calibration Test
 - Initialize ABS
 - Initialize ORC
 - Learn ETC
 - Longitudinal G Sensor Calibration
 - MAF Sensor Initialization
 - OCM System Verification Test, Oil Light Reset
 - Transmission QuickLearn Tests
 - Reset Memory
 - Reset SCR Counter
 - SCR Fluid Level Filter Reset
 - SCR Dosing Module Replacement
 - SCR Tank or Pump Replacement
 - Set Pinion Factor
 - Write VIN
- 419 new Actuation type special tests, including:
 - Many Indicator Lamp Tests
 - IPC Self Test

- Gauge Tests
- Purge Solenoid
- Read VIN
- Transmission Clutch and Solenoid Tests
- DEF Dosing Injection Quantity
- DPF Reset Option
- ETC Throttle Follower Test
- Fuel Injector Tests
- O2 Heater Tests
- Engine Off Injector Toggle Test
- Engine Running Injector Kill Test
- Fuel Pump Relay Control State and many more

Ford Coverage:

- New coverage added for 2014 Model Year vehicles.
- Expanded coverage for Battery Monitor System Reset for 2011-2013 vehicles.
- New coverage for EVAP Leak Test for many 2003-2012 vehicles.
- 484 new vehicle-ECU configurations.
- 272 new systems covered.
- 14 new Adjustment type special tests, including:
 - Allow Central Configuration Data Parameter
 - Automated Bleed
 - Battery Monitor System Reset
 - Calibrate Longitudinal Accel Sensor
 - DPF Regen Suspension
 - SCR Tests
 - Yaw Rate Sensor Calibration
 - Manual DPF Regeneration
 - Reset A/C Engage Request Parameter
 - Reset Exhaust Temperature Protection Inhibit
 - Reset Pump Learning

- Roll Rate Sensor Initialization Start
- 419 new Actuation type special tests, including:
 - Indicator Lamp Tests
 - IPC Self Test
 - Gauge Tests
 - Purge Solenoid
 - Read VIN
 - Transmission Clutch
 - Solenoid Tests
 - DEF Dosing Injection Quantity
 - DPF Reset Option
 - ETC Throttle Follower Test
 - Fuel Injector Tests
 - O2 Heater Tests
 - Engine Off Injector Toggle Test
 - Engine Running Injector Kill Test
 - Fuel Pump Relay Control State and many more
- 6 new Ford specific descriptions for OBDII Mode 6 parameters

New Coverage – USA Asian:

Honda Coverage:

- New coverage added for 2014 Model Year vehicles
- 981 new vehicle-ECU configurations
- 40 new systems covered
- 4 new Adjustments type special tests for REAL TIME AWD module for ECU Activation, Longitudinal G Sensor Neutral Point Learn, Tire Pressure Sensor Registration, Differential Torque Setup
- 9 new Actuation type special tests, including:
 - Light Tests
 - Rear Differential Tests
 - TPMS Warning light

- Unlock Trunk

Hyundai Coverage:

- New coverage added for 2014 Model Year vehicles
- 224 new vehicle-ECU configurations
- 160 new systems covered
- 14 new Adjustment type special tests, including:
 - ABS/ESC
 - Longitudinal G Sensor Calibration
 - Auto Detected Configuration Reset
 - Valve Flushing
 - Electric Power Steering
 - Wheel Alignment Procedure
 - Engine
 - Correction for O2 Sensor Heaters
 - Oxygen Sensor Test
 - Write VIN
 - PCM Auto Detection Reset
 - TPMS
 - Tire Pressure Sensor Registration
- 198 new Actuators type special test, including:
 - Active Air Flap Tests
 - Hydraulic Booster Tests
 - Air Conditioning module Tests
 - HEV Motor System Tests
 - TPMS Tests
 - Body Control
 - Windows Tests
 - Seats Tests
 - Lamps Tests
 - Door Locks
 - Mirrors

- Engine
 - CKP CMP Signal Test
 - CVVT Exhaust
 - EVAP Leak Test
 - GDI Injector Test
 - Ignition Coil Test
 - Oil Change lamp Test
- Smart Key Unit
 - Antennas Test
 - Buzzers Test
 - Lamps Test

Kia Coverage:

- New coverage added for 2014 Model Year vehicles
- 172 new vehicle-ECU configurations
- 116 new systems covered
- 14 new Adjustment type special tests, including:
 - ABS/ESC
 - Longitudinal G Sensor Calibration
 - Auto Detected Configuration Reset
 - Electric Power Steering
 - Wheel Alignment Procedure
 - Engine
 - Correction for O2 Sensor Heaters
 - Oxygen Sensor Test
 - Write VIN
 - PCM Auto Detection Reset
 - TEC Learn
 - TPMS
 - Tire Pressure Sensor Registration
- 198 new Actuators type special test, including:
 - Active Air Flap Tests

- Hydraulic Booster Tests
- Air Conditioning module Tests
- HEV Motor System Tests
- TPMS Tests
- Body Control
 - Windows Tests
 - Seats Tests
 - Lamps Tests
 - Door Locks
 - Mirrors
- Engine
 - CKP CMP Signal Test
 - CVVT Exhaust
 - EVAP Leak Test
 - GDI Injector Test
 - Ignition Coil Test
 - Oil Change lamp Test
- Smart Key Unit
 - Antennas Test
 - Buzzers Test
 - Lamps Test

Mazda Coverage:

- New coverage added for 2014 Model Year vehicles
- Expanded ECU coverage for 2009-2013 Model Year vehicles
- 88 new vehicle-ECU configurations
- 51 new systems covered
- 1 new Adjustment type special tests for the ABS module for Roll Rate Sensor Initialization Start
- 3 new Actuation type special tests for EVAP Leak Test, Idle Air Control and Neutral Tow Light

Mitsubishi Coverage:

- New coverage added for 2014 Model Year vehicles
- 52 new vehicle-ECU configurations
- 37 new systems covered
- 34 new Actuation type special tests, including:
 - EVAP Tests
 - ABS/TCL Tests
 - Fuel Pump
 - Injector Tests
 - Fan Tests
 - Wastegate Solenoid Valve

Nissan Coverage:

- New coverage added for 2014 Model Year vehicles
- 305 new vehicle-ECU configurations
- 30 new systems covered
- 1 new Adjustment type special test for Clear E-VTC Op Learned Deviation Angle
- 12 new Nissan specific descriptions for OBDII Mode 6 parameters

Subaru Coverage:

- New coverage for Transmission 1999-2012
- 2 new systems covered - BODY INTEG MOD and TRANSMISSION
- Expanded ECU coverage for 2005 Model Year Forester
- 69 new vehicle-ECU configurations.
- 1 new Adjustment type special test for Tire Pressure Sensor Registration

Toyota Coverage:

- New coverage added for 2014 Model Year vehicles
- Expanded ECU coverage for 2006-2013 vehicles, including 4WD, ACCESSORY GATEWAY, ELECTRIC POWER STEERING, GATEWAY, IMMOBILIZER, POWER SOURCE CONTROL, SMART KEY, THEFT DETERRENT, REMOTE ENGINE STARTER, PRE-COLLISION and others
- 1,533 new vehicle-ECU configurations
- 83 new systems covered

- 6 new Actuation type special tests for Starter Relay, Battery Cooling Fan, Immobilizer Indicator, Inspection Mode, Security Indicator, Water Temp Meter Operation
- 25 new Toyota specific descriptions for OBDII Mode 6 parameters

New Coverage – USA European:

Audi Coverage:

- New coverage added for 2012-2013 Model Year vehicles
- New coverage for vehicle and system specific tests, including:
 - Key Matching Tests
 - DPF Tests
 - SCR Tests
 - HVAC Test
 - DTC 01486 ESP Function Test for ABS
 - EPB Caliper Open
 - EPB Caliper Close for PARKING BRAKE (53) and many more
- New coverage for UDS protocol Engine, Transmission and All Wheel Drive systems for 2009-2012 vehicles.
- New coverage for vehicle and system specific tests for UDS protocol Engine and Transmission systems, including:
 - Adaption of Clutch Slip Points
 - Calibration of Clutch Valves
 - Calibration of Main Pressure Valve
 - Reset of Adaption Values
 - Throttle Position Adaptation
- Expanded ECU coverage for 1996-2012 Model Year vehicles
- 6,114 new vehicle-ECU configurations.
- 453 new systems covered.
- 66 new Adjustment type special tests, including:
 - All Wheel Drive
 - Reset of Adaption Values
 - Central Convenience
 - Key FOB Clearing and Key FOB Matching tests for 2002-2008 vehicles

- Central Locks
 - Key FOB Clearing and Key FOB Matching tests for 1998-2006 vehicles
- Engine
 - Auto Trans Kick-Down
 - DPF Regeneration
 - Intake Camshaft Adjustment
 - Quickstart Kickdown Adaption
 - EGR Cooler Regen
 - Reset After Replacement of DPF
 - Reset After Replacement Of Differential Pressure Sensor
 - Reset After Replacement Of Lambda Sensor
 - Reset After Replacement Of Oxidation Catalytic Converter
 - Reset Of Combustion Chamber Pressure Sensor Adaption
 - Reset Of Reductant System Adaption
 - Reset Of SCR Restriction Counter
 - Reset Of SCR Tank Level Sensing
 - SCR Metering Quantity Test
 - Calibration of Clutch Valves
 - Calibration of Main Pressure Valve
 - First Filling of Fuel System
 - Reset of Adaption Values
 - Throttle Position Adaptation
- Immobilizer
 - Key Matching by Immobilizer for 2002-2013 vehicles
- Parking Brake
 - EPB Caliper Open, EPB Caliper Close for 2004-2013 vehicles
- Transmission
 - Adaption of Application Point
 - Adaption of Clutch Slip Points
 - Calibration Of Gear Selector Movement Sensors
 - Calibration Of Main Pressure Valve

- 68 new Actuation type special tests, including:
 - ABS
 - DTC 01486 ESP Function Test for 2000-2013 vehicles
 - Engine
 - Coolant Pump
 - Coolant Valve
 - Diesel Particulate Filter
 - Draining Fuel Tank
 - EGR Tests
 - EVAP Tests
 - LDP Tests
 - Injector Tests
 - Intake Runner Flap
 - Misfire Monitor
 - NOx Sensor Tests
 - SCR Tests
 - Oxygen Sensor check Tests
 - Rail Pressure Reduction
 - Test of Knock Sensors
 - VVLI Functional Check
 - Auto HVAC
 - HVAC Test for 2004-2006 vehicles

BMW/Mini Coverage:

- New coverage added for 2013-2014 Model Year vehicles
- Expanded ECU coverage for 1996-2012 Model Year BMW vehicles
- New coverage for Battery Exchange Register test for the POWER MODULE, required on some BMW 7-Series vehicles after replacing the battery
- 2,983 new vehicle-ECU configurations
- 139 new systems covered
- 18 new Adjustment type special tests, including:
 - DSC Pulse Valve Tests

- Battery Exchange Register
- CAN Learning Messages Reset
- Front & Rear Brake Zeroing
- Service Interval Reset
- Replace Injector Tests
- 34 new Actuation type special tests, including:
 - EGR Test
 - Fan Test
 - PWM Fuel Pump
 - Quick Tests
 - Stepper Motors Self Test
 - VANOS Inlet
 - Instrument Cluster Indicator Control and Light Tests
 - Electric Fuel Pump module
 - Fuel Pump Test
 - Fuel Pump Timeout Test

Fiat Coverage:

- New coverage added for 2014 Model Year vehicles
- 26 new vehicle-ECU configurations
- 17 new systems covered
- 12 new Adjustment type special tests, including:
 - A/C Self Learning
 - Brake Switch Learn
 - Longitudinal Sensor Calibration
 - Oil Service Reset
 - Reset Accel Pedal Adaptives
 - Reset Adaptives After Oil Change
 - Throttle Body Self Learning
 - Tire Pressure Sensor Registration
 - Update Front and Rear Axle Nominal Tire Pressure Values
- 107 new Actuation type special tests, including:

- Instrument Cluster Gauge Test
- Lamp Tests
- Fuel Injector Tests
- Ignition Coil Tests
- ABS Valve Tests
- Oxygen Sensor Heater Tests
- Purge Valve
- VVA Cylinder Tests
- Wastegate Solenoid

Jaguar Coverage:

- New coverage for Battery Replacement test, required on 2009-2012 vehicles after replacing the battery
- 3 new Adjustment type special tests for Lateral Accel Sensor Initialization, Yaw Rate Sensor Initialization and Battery Replacement
- 176 new Actuation type special tests, including:
 - Adaptive Damping System solenoids
 - Air Conditioning system Door and Blower Tests
 - ABS Inlet and Outlet Valves Test
 - Body module Lights, Lamps, Wiper and Washer Tests
 - Door modules tests for Windows and Mirrors; Seat modules tests
 - Engine tests for Cooling Fans, EVAP tests, Fuel Pump, O2 Heater, Variable Valve Timing
 - Instrument Panel tests for Gauges and Lamps

Land Rover Coverage:

- New coverage for Battery Replacement test, required after replacing the battery, for 2011-2012 Range Rover, Range Rover Sport and LR4 models
- 84 new Actuation type special tests, including:
 - ABS Pump Motor Relay
 - Body module Lights, Lamps, Wiper and Washer Tests
 - Door modules tests for Windows and Mirrors
 - Engine tests for EGR, EVAP tests, Fuel Pump, O2 Heater, Variable Valve Timing

- Instrument Panel tests for Gauges and Lamps
- Parking Brake module Apply and Release tests

Mercedes Benz Coverage:

- New coverage added for 2013 Model Year vehicles
- New coverage for 2011-2013 Sprinter vehicles
- New systems covered for Sensotronic Brake Control and 7G-Tronic
- Expanded ECU coverage for 1996-2012 Model Year vehicles
- New coverage for tests required when replacing the EHB module assembly on Sensotronic Brake systems, including:
 - EHB Brake Bleed
 - EHB Deactivate
 - EHB Activate and Instructions
- 7,920 new vehicle-ECU configurations
- 222 new systems covered
- 1 new Adjustment type special test for EHB Brake Bleed
- 17 new Actuation type special tests, including:
 - A/C Door, Flap and Damper Tests
 - Fuel Injector Tests
 - Fuel Pump, Intake and Exhaust Camshaft Solenoid Tests
 - Backup Circuit Brake Switch
 - EHB Activate, EHB Deactivate and Instructions
 - Heating Water Circulation Pump

Smart Coverage:

- New coverage added for 2013 Model Year vehicles
- 11 new systems covered
- 11 new vehicle-ECU configurations

Volkswagen Coverage:

- New coverage added for 2012-2013 Model Year vehicles
- New coverage for vehicle and system specific tests, including:
 - Key Matching Tests

- DPF Tests
- SCR Tests
- HVAC Test and Many more.
- New coverage for UDS protocol Engine, Transmission and All Wheel Drive systems for 2009-2012 vehicles.
- New coverage for vehicle and system specific tests for UDS protocol Engine and Transmission systems, including:
 - EVAP Purge Valve Functional Check
 - EVAP System Pressure Check
 - Intake Manifold Runner Flap
 - Oxygen Sensor check tests
 - Rail Pressure Reduction
 - Test of Knock Sensors
 - VVLI Functional Check
 - Adaption of Application Point
 - Adaption of Clutch Slip Points
 - Calibration of Clutch Valves
 - Calibration of Main Pressure Valve
 - First Filling of Fuel System
 - Reset of Adaption Values
 - Throttle Position Adaptation
- New coverage for vehicle and system specific tests, including:
 - DTC 01486 ESP Function Test for ABS
 - EPB Caliper Open and EPB Caliper Close for PARKING BRAKE (53)
 - Key FOB Matching for CENTRAL CONVENIENCE (46)
- Expanded ECU coverage for 1996-2012 Model Year vehicles
- 486 new systems covered.
- 3,269 new vehicle-ECU configurations.
- 84 new Adjustment type special tests including:
 - All Wheel Drive
 - Reset of Adaption Values
 - Central Convenience

- Key FOB Clearing and Key FOB Matching tests for 2002-2008 vehicles
- Central Locks
 - Key FOB Clearing and Key FOB Matching tests for 1998-2006 vehicles
- Engine
 - Auto Trans Kick-Down
 - DPF Regeneration
 - Intake Camshaft Adjustment
 - Quickstart Kickdown Adaption
 - EGR Cooler Regen
 - Reset After Replacement of DPF
 - Reset After Replacement Of Differential Pressure Sensor
 - Reset After Replacement Of Lambda Sensor
 - Reset After Replacement Of Oxidation Catalytic Converter
 - Reset Of Combustion Chamber Pressure Sensor Adaption
 - Reset Of Reductant System Adaption
 - Reset Of SCR Restriction Counter
 - Reset Of SCR Tank Level Sensing
 - SCR Metering Quantity Test
 - Calibration of Clutch Valves
 - Calibration of Main Pressure Valve
 - First Filling of Fuel System
 - Reset of Adaption Values
 - Throttle Position Adaptation
 - Calibration of Clutch Valves
- Immobilizer
 - Key Matching by Immobilizer for 2002-2013 vehicles
- Parking Brake
 - EPB Caliper Open, EPB Caliper Close for 2004-2013 vehicles
- Transmission
 - Adaption of Application Point
 - Adaption of Clutch Slip Points

- Calibration Of Gear Selector Movement Sensors
 - Calibration Of Main Pressure Valve
- 104 new Actuation type special tests including:
 - ABS
 - DTC 01486 ESP Function Test for 2000-2013 vehicles
 - Engine
 - Coolant Pump
 - Coolant Valve
 - Diesel Particulate Filter
 - Draining Fuel Tank
 - EGR Tests
 - EVAP Tests
 - LDP Tests
 - Injector Tests
 - Intake Runner Flap
 - Misfire Monitor
 - NOx Sensor Tests
 - SCR Tests
 - Oxygen Sensor check Tests
 - Rail Pressure Reduction
 - Test of Knock Sensors
 - VVLI Functional Check
 - Auto HVAC
 - HVAC Test for 2004-2006 vehicles

Volvo Coverage:

- New coverage for Battery Replacement and Battery Monitor Sensor Replacement tests, required after replacing the battery, for 2011-2012 S60, 2009-2012 S80, 2009-2010 V70, 2010-2012 XC60, 2009-2012 XC70 models

Technician / Customer Reported Defect Fixes:

- GM Fixes:
 - Added ATC (Transfer Case) coverage for GM 1500 HD K.

- 2002 Pontiac Grand Prix manual entry headers labeled wrong issue fixed (This is a system level fix to improve the VIN digit and position display issues)
- Pedal calibration tests are now fully supported for Memory Seat Module for GM.
- Chrysler Fixes:
 - Coverage added for Model Year 2003-2004 Dakota Airbag
 - Transmission ECU is no longer a separate selection for 2007 Ram 2500 4x4 5.9L VIN C Truck. User will pick the PCM ECU now.
- Ford Fixes:
 - Fixed Self Diagnostics, KOER and KOER issues on Ford F-250 Super Duty, F-350 Super Duty, F-450 Super Duty, Ranger and E-250 Vehicles.
 - Fixed the Power Balance test issues on F-250 Super Duty.
 - Fixed the Relative Compression test issues on F-250 Super Duty.
 - Special Test menu instability issues fixed (Relative Compression and Power Balance).
- BMW Fixes:
 - Coverage added for Model Year 1998 BMW M3.
- Mercedes Fixes:
 - Added Coverage for Model Year 2011-2013 Sprinter.
 - Fixed Communication issues on 2005 Mercedes Benz SLK350 Airbag system.
 - Enhanced Mercedes subfault to account for letter code
- Toyota Fixes:
 - For 2001, Sienna all O2 sensors are shown properly now.
 - For 2002, LS 430 all O2 sensors are shown properly now.
 - For 2012, Camry, Engine proper data items are shown now.
 - For Lexus Parking brake apply and release tests are supported. They are called 'PKB Lock1' and 'PKB Release1' respectively.
 - For 2011, Toyota, 4Runner Electric Power Steering Controller is covered.
 - For 2011, Toyota, Camry Read/Write VIN test is fixed.
 - Toyota ABS systems now have test called Reset Memory, which performs a system reset.
- Nissan Fixes:
 - Fixed DataStream issue on 2005 Nissan Altima ABS system.

- Subaru Fixes:
 - Enhancement to the Global OBDII communications.
 - Fixed Communication issues on Subaru Forester and Impreza.
 - Subaru KW 4800 Baud Engine Read/Clear Codes performance is improved.
- Volkswagen/Audi Fixes:
 - VW/Audi communications have been improved
 - Added long coding support for Volkswagen/Audi TP2 and UDS protocols.
 - Added Warning Message for VAG AWD Controller

Engineering Reported Defect Fixes:

- Automated System Test and All System DTC Scan functionality on certain controllers has been improved.
- Add coverage for Special Tests (GPEC2) for Model Year 2007-2010 Sebring/Avenger, Patriot, Journey and Caliber 4 cylinder vehicles

Thank you for your patronage!