

Version 4.16

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Overview

Version 4.16 update includes model year **2022** vehicle coverage and additional **ADAS** calibrations.

107 new special tests + 7,683 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)

- **Acura** – 2022 MDX
- **Audi** – 2022 Q5 PHEV, Q5 Sportback, Q8
- **BMW** – 2022 330i xDrive, 750i xDrive, X3, X5
- **Buick** – 2022 Envision
- **Cadillac** – 2022 CT5
- **Chevrolet** – 2022 Silverado 2500 HD
- **Honda** 2022 Civic, Pilot
- **Kia** – 2022 Stinger
- **Nissan** – 2022 Armada, Frontier, Pathfinder
- **Subaru** – 2022 Ascent, Crosstrek, WRX STi
- **Toyota** – 2022 4Runner, Camry, Corolla, GR Supra, Prius, Prius AWD-e, Prius Prime
- **Volkswagen** – 2022 Atlas, Atlas Cross Sport, Tiguan
- **Special Test Additions** – multiple brands
- **ADAS Coverage:**
 - **GM** – all feature Coverage added for many 2022MY vehicles
 - **Honda/Acura** – all feature Coverage added for 2022MY Pilot
 - **Toyota** – all feature Coverage added for many 2022MY vehicles, 2016-2018MY Mirai
 - **Alfa Romeo** – all feature Coverage added for 2022MY Giulia and Stelvio
 - **Audi** – all feature Coverage added for 2022MY Q5 and Q8
 - **BMW** – all feature Coverage added for 2022MY 330i, 750i, X3 and X5
 - **Mercedes** – Front Camera Coverage added for 2021MY E-Class vehicles
 - **Volkswagen** – all feature Coverage added for 2022MY Atlas and Tiguan

New Coverage – USA Domestic

Chrysler/Jeep/Ram Coverage

3 new Adjustment type special tests:

Gyro Offset, Override Occupant Information, Rear Seat Audio

2 new Actuation type special test:

Cassette Function Tests, CD Function Tests

General Motors Coverage

- Added coverage for 471 new system applications

2 new Adjustment type special tests:

WLAN Service Set Identifier (SSID) Reset, Sensor Learnmode Enable

1 new Actuation type special test:

A/C Compressor Clutch

New Coverage – USA Asian

Honda/Acura Coverage

- Added coverage for 397 new system applications

4 new Actuation type special tests:

FCAN Authorized Flag, LIN Washer, Brake light relay test, Lumbar Horizontal Motor

Hyundai Coverage

2 new Actuation type special tests:

HAC Brake Lamp Actuator, Inlet Valve-Right Front

Kia Coverage

- Added coverage for 64 new system applications

3 new Actuation type special tests:

PAD Change Mode (After Change), PAD Change Mode (Before Change), Inlet Valve-Right Front

Mazda Coverage

1 new Adjustment type special test:

TPMS Reset

Mitsubishi Coverage

78 new Actuation type special tests:

A-C Switch, Air Conditioning Switch, Condenser Fan, Electronic Water Heater PTC, Mode Selection Damper, Out-Inside Air Selection Damper, Rear Fan Step (Input Value), Rear PTC Heater, Solenoid

Valve, BAT.Heating System Power Relay, Battery Cooling Fan PWM, BSW ON-OFF Setting, Leveling Actuator, Theft Alarm, 12V Batt. Charge Start, Circuit Fault Detection, Engine Switch(LED ON), TSR Display Request, Off hook switch, On hook switch, VR switch, ALL INDICATORS DRIVE, BUZZER DRIVE, INDICATOR LAMP DRIVE, SYSTEM ON LAMP DRIVE, AHB Indicator, ASC/TCL OFF Indicator, ASC/TCL OP. Indicator, ASC-TCL OFF Indicator, ASC-TCL OP. Indicator, ASG Indicator, ASG OFF Indicator, Cruise Control Indicator, Driver Seatbelt Indicator, ECO Indicator, Energy Usage Indicator(Engine), Energy Usage Indicator(EV), Energy Usage Indicator, Engine Malfunction IND., FCM Indicator, FCM OFF Indicator, Front Fog Light Indicator, Headlight Auto leveling, Indicator2, PA. Seatbelt Indicator, Positionlight Indicator, PTC Heater Indicator, Rear Fog Light Indicator, SRS Indicator, EVAP.Emission Purge SOL.Valve, EVAP.Emission Ventilation SOL., Radiator Fan(High), Radiator Fan(Low), Variable Intake Solenoid, Engine switch(Control), Engine Switch(LED ON), Engine SW-Power SW (Control), Engine SW-Power SW (LED ON),12V DCDC Shutdown, Back Light Relay Actuate, Brake Warning Light Actuate, Buzzer Actuate, ChargeDischarge Connector Relay, Oil Pump Actuate, Radiator Fan 1 Actuate, Radiator Fan 2 Actuate, Radiator Fan Relay 1 Actuate, Radiator Fan Relay 2 Actuate, Stop Light Actuate, Water Pump Actuate, Water Pump Power Supply Relay, Hazard Answer Back Request, Passenger S Airbag OFF Indicator Lighting Request, Passenger S Airbag ON Indicator Lighting Request, Passenger S SRS OFF Indicator, Passenger S SRS OFF Light, Passenger S SRS ON Indicator, Passenger S SRS ON Light, SRS Warning Light Lighting Request

Nissan/Infiniti Coverage

- Added coverage for 947 new system applications

4 new Actuation type special tests:

BUZZER DRIVE, INDICATOR LAMP DRIVE, SYSTEM ON LAMP DRIVE, ALL INDICATORS DRIVE

Subaru Coverage

- Added coverage for 339 new system applications

1 new Adjustment type special test:

Foot/Def Automatic Fan Speed Increase Function

3 new Actuation type special tests:

All seat UNLOCK output, lock actual. LOCK output, ACC

Toyota/Lexus Coverage

- Added coverage for 1648 new system applications

3 new Adjustment type special tests:

Clearance Sonar Detection/Steering Adjustment, Intuitive P/A Detection/Steering Adjustment, ID Registration/Tire Position Write

New Coverage – USA European

Audi Coverage

- Added coverage for 1593 new system applications

BMW/Mini Coverage

- Added coverage for 190 new system applications

Mercedes Benz Coverage

- Added coverage for 564 new system applications

Volkswagen Coverage

- Added coverage for 1470 new system applications

