

Bosch ADS Software Update – Mar 2026

Ver 7.2

<https://www.boschdiagnostics.com/diagnostic-systems>

Version 7.2 software includes model year **2026** vehicle coverage and additional **ADAS** calibrations.

Over 7K new special tests and new system applications included in this update.

Software and coverage feature details provided in these release notes.



ADS X

ADS

Coverage Highlights (More Details start on Page 2)

2026 Coverage added – DTC, Data support, Bi-Directional Functions, and ADAS coverage

- **BMW** – 230i, 230i xDrive, 330i, 330i xDrive, 430i, 430i Gran Coupe, 430i xDrive, 430i xDrive Gran Coupe, 530i, 530i xDrive, 540i xDrive, 550e xDrive, 740i, 740i xDrive, 750e xDrive, 760i xDrive, 840i, 840i Gran Coupe, 840i xDrive, 840i xDrive Gran Coupe, Alpina XB7, i4, i5, i7, iX, M2, M235 xDrive Gran Coupe, M240i, M240i xDrive, M3, M340i, M340i xDrive, M4, M440i, M440i Gran Coupe, M440i xDrive, M440i xDrive Gran Coupe, M5, M5 Touring, M850i xDrive, M850i xDrive Gran Coupe, X1, X2, X3, X5, X6, X7, XM, Z4
- **Hyundai** – Ioniq 5, Sonata
- **Jeep** - Gladiator
- **Kia** – Carnival, K4, Seltos
- **Mini** – Cooper, Countryman
- **Nissan** – Frontier, Z
- **RAM** – 4500, 5500
- **Subaru** – BRZ
- **Toyota** – GR86, Sienna

ADS 525X/625X only for bi-directional functions for Hyn/Kia/Gen, Nissan AutoAuth and DoIP system coverage

***All Dynamic ADAS calibrations are included in standard ADS Tool Subscription. Static calibrations that require ADAS targets and fixtures require additional ADAS Subscription used with ADS 625/625X.*

New Coverage Details – USA Domestic

New Chrysler, Dodge, Jeep, RAM Coverage

- Added coverage for 94 new system applications

156 new Adjustment type special tests:

ABS Bleed Brakes, ABS Initialization, ABS Service Bleed, ABSO Initialization, Active Grill Shutter Replaced, Actuator Calibration, AFLS Calibration, AMP Non ANC Qualifier, Atmosphere Valve Actuator Test, Auto Door Lock, Auto High Beam Demo Mode Test, Automated Bleed, Automatic Addressing, Bleed Brakes, Brake Pedal Calibration, Brake Pedal Learn, Cabin Heater Lock Reset, 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, Clutch Sensor Calibration Mode, Configure License Plate Size, Coolant Three Way Valve Replaced, Diesel Particulate Filter Regeneration, DPF Pressure Sensor Reset, DPF Regen, DPF Regen (Stationary Desoot), DPF Replacement, Driving Regeneration Request, DTCM Replacement, 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 in Plant Mode, Exit Shipping Mode, FCM Enable Emissions Rolls Test Mode, Fleet Pin Reset, Front Axle Disconnect Feature, Hard Stop Search, Headlamp Leveling, High Temp Cabin Valve Cal/Test, HVAC Actuator Calibration Test, Hydraulic Prove Out Test, Idle Shutdown Timer Adjustment, Initialize ABS, Initialize Cluster Configuration w/o Odometer Affect, Initialize CVT, Initialize ORC, Injector Quantity Adjustment, 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, Low Temp Coolant Fill - Active Pump, Low Temp Coolant Fill - Passive Pump, Manual Logistic Mode Procedure Enable, Mass Air Flow Sensor Initialization, Microphone Output Short Test, Microphone Tone Test, Most Recent Cool Down Test Results, Motor Position Learn, New Engine Installed, Non-Volatile Memory Reset, OCM System Verification Test, 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, Range Position Sensor Reset, Remote Start Temporary Disable, Reset Adaptive Values, Reset After Replacement Of Lambda Sensor, Reset Clutch Capacity Adaption, Reset ECU, Reset Enhanced Automatic Oil Change Indicator, Reset Error Free Operation Time to 40 Hours, Reset H2O Lamp, Reset High Voltage Cable Open DTC, Reset Injector Compensation Values, 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, Resolver Offset Learn, 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, Seat Calibration, Sensor Wiring Test, Service Procedures, Set Axle Type, Set Max Cruise Speed, Set Max Vehicle Speed, Set Ride Height Level, Snorkel Output Test, Standardization, Store Learned TCU Adaptives, System Air Mass/Pressure/Ride Height Readings, TCC Break In, TCM Reset Learned Adaptives Routine, Tip Start Temporary Disable, Tire Pressure Sensor Registration, TLC Learn,

Turbo Actuator Pre-Align / Self Calibrate, Turn off Gain Mode Override, 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 Suspension Height Values, Write VIN

1606 new Actuation type special tests:

EOBD (Electronic On Board Diagnostic) failure indication, 1st Gear Clutch Test (62TE), 1st Gear Clutch Test (Non-RFE), 1st Gear Clutch Test (RFE), 2/4 Clutch Volume Index Check, 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), 2nd Row Blend Door 1, 2nd Row Blend Door 2, 2nd Row Blend Door 3, 2nd Row Blend Door 4, 2nd Row Mode Door 1, 2nd Row Mode Door 2, 2WD Rolls Mode, 2WD Test Mode, 3rd Gear Clutch Test (62TE), 3rd Gear Clutch Test (Non-RFE), 3rd Gear Clutch Test (RFE), 3rd Row Headrest Release, 3rd Row Mode Door 1 Actuator Position, 3rd Row Mode Door 2 Actuator Position, 4 Low Indicator, 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 AUTO Indicator, 4WD Indicator, 4WD LED, 4WD Lock Indicator, 4WD Low, 4WD Neutral Indicator, A/C, A/C Compressor Clutch Relay Control State, A/C Request, A/C Select, ABS, Abs Failure Indicator, ABS Failure Lamp, 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, Activate TPM High Gain Mode, Active Exhaust Valve 1, Active Exhaust Valve 2, Active Grill Shutter Test, Actuate All Heaters, Actuate All Seat Heaters, Actuate All Vents, Actuator Position, Actuator Test For SCR Device Relay, Actuator Test For Scrdevrly, Actuator Test Of Urea Back Flow Pump Actuator, Adjustable Pedal Disable Relay, Aero LED, Aero Level, Aftertreatment System Performance Test, Air Bag, Air Bag Lamp, Air Bag Light, Air Condition, Air Condition Relay Control, Air Dam Test, Air Suspension Leakdown Test, Airbag failure indication, Airbag Fault Indicator, All Doors/Central Locks, All Doors-Central Locks, All LEDs On, Alternator Current Limit, Alternator Field Control State, Alternator Field Duty Cycle, Alternator Field Duty-Cycle, Alternator Output Voltage Setpoint, Alternator Test, Alternator Voltage Set Point Value, Ambient Lamp, Ambient Temperature, AMP Output Short Test, AMP Output Tone Test, ANC Output Short Test, Antenna Power, Antilock brake (ABS) failure indication, APM Status, Approach LAMP STATE (Mirror), Approach Light State, ASCM Leak Down, Assist Call Button Green LED, Assist Call Button Red LED, Assist Call Green Day PWM, Assist Call Green LED Control PWM, Assist Call Green Night PWM, Assist Call Red Day PWM, Assist Call Red LED Control PWM, Assist Call Red Night PWM, ATMM Left Actuator Command -%, ATMM Left Actuator Command -Degrees, ATMM Left Actuator Command -Hz, ATMM Right Actuator Command -%, ATMM Right Actuator Command -Degrees, ATMM Right Actuator Command -Hz, Audio Routing, Audio Test, Audio Test For Subwoofer Specific, Audio Video Signal Detection, AUTO Button, Auto High Beam Indicator, 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, Auxiliary Heater Pump, AVAC Motor Central Position, AVAC Motor Down Most Position, AVAC Motor Up Most Position, Average Ambient Temperature, BACK button, Background LED Illumination Level, Background LED State, Backlight 1 Level, Backlight 2 Level, Backlight 3 Level, Backlight 4 Level, Backlight 5 Level, Backlight 6 Level, Backlight 7 Level, Backlight 8 Level, 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 Up., Backlighting: Knob Halo White Backlighting, Backup Alarm, Backup Lamp Left, Backup Lamp Right, Baggage Lamps, Balance Settings, Bass Settings, Battery Bad (Red), Battery Charge LEDs, Battery Coolant Heater, Battery Coolant Pump, 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 Indicato, 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, Both Headlamps Max High Position, Both Headlamps Max Low Position, Brake Failure Indicator, Brake Indicator, Brake Light, Brake State Output, Brake Switch, Brake system failure indication [BRAKE], BRAKE Text, Brake Warning Lamp, BSM State, BTSI, 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/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, Camera Washer, Cargo Lamp, Cargo Light, Cargo Light Indicator, Catalyst Efficiency Test, CEGR H-Bridge Valve Duty Cycle, Center High Mount Stop Lamp, Center Stop Lamp, Central high mounted Stop Light (CHMSL), Central Lock (Pass Side), CENTRAL LOCK PASSENGER, Channel 1 Audio Control, Channel 1 Audio Output Status, Channel 10 Audio Control, Channel 10 Audio Output Status, Channel 11 Audio Control, Channel 11 Audio Output Status, Channel 12 Audio Control, Channel 12 Audio Output Status, Channel 13 Audio Output Status, Channel 14 Audio Output Status, Channel 15 Audio Output Status, Channel 16 Audio Output Status, Channel 17 Audio Output Status, Channel 18 Audio Output Status, Channel 19 Audio Output Status, Channel 2 Audio Control, Channel 2 Audio Output Status, Channel 20 Audio Output Status, Channel 21 Audio Output Status, Channel 22 Audio Output Status, Channel 23 Audio Output Status, Channel 24 Audio Output Status, Channel 3 Audio Control, Channel 3 Audio Output Status, Channel 4 Audio Control, Channel 4 Audio Output Status, Channel 5 Audio Control, Channel 5 Audio Output Status, Channel 6 Audio Control, Channel 6 Audio Output Status, Channel 7 Audio Control, Channel 7 Audio Output Status, Channel 8 Audio Control, Channel 8 Audio Output Status, Channel 9 Audio Control, Channel 9 Audio Output Status, Charge Air Cooler Coolant Pump, CHARGE PLUG LOCK, CHARGE PLUG UNLOCK, Charge Port Command CAN, Charge Port Command Hard Wired, Charge Port Lock Motor, Charge Port Request Tester, Charge Port Un-Lock Motor, Check Engine - MIL Lamp, Check Engine (MIL) Lamp, Check Engine MIL Lamp, Check Engine-MIL (Malfunction Indicator Lamp), Check PCM

Odometer, Chiller Shut-off Valve, CHMSL, CHMSL Lamp, Clutch Signal To ECM Output Control, CNG Indicator, 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 Cool Down, Compressor Current, Compressor Running, Control All Solenoids, Control the steering column, Convenience/Reading Lamp, Convenience-Reading Lamp, Convex Mirror STATE, Coolant Bad Indicator, Coolant Fill, Coolant Fill Active Pump, Coolant Good Indicator, 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 Lamp 2, Courtesy Lamps, Crankcase Ventilation, Crankcase Ventilation Heater, Cushion Extender Motor, 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, DAYLIGHT LAMP LT, DAYLIGHT LAMP RT, DC Clutch Volume Index Check, DEADLOCK-SECONDARY LOCK (FT), DEADLOCK-SECONDARY LOCK (RR), 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, Direct Backlight, Disable Level Control, Disable Passenger Airbag Lamp Request, Display Start Inhibit Data, Door Ajar Indicator, Door Ajar Switches, Door Ambient Light State, Door Courtesy Lamp State, Door Handle Power Control, Door Handle Verification Test, DOOR Light (Map-Bin-INT Handle), Door Open, Vehicle Does Not Lower, Door Puddle Lamp State, Double Start Override Relay, DOWN Select Button, DPF Lamp, DPF Reset Option, DR Solenoid, Driver Cooled Seat, Driver Door Ajar, DRIVER DOOR LOCK LED, Driver Door Lock-Unlock, Driver Heated Seat, Driver Heated Seat Button, Driver Side Seat Belt, Driver Temp Detents, Driver Temp Down Button, Driver Temp Rotary Direction, Driver Temp Up Button, DRIVER UNLOCK, DRL, DRL Lamp, DTCM Efficiency Position, DTI FUEL TRANSFER RLY, DTI LTR CLNT PMP, DTI SPRCHRGR BPV MOTOR, DTI TPBV Status, DTI VVL SOL1, DTI VVL SOL2, DTI VVL SOL3, DTI VVL SOL4, Dual Speed Fuel Pump Relay, Dual Speed Oil Pump, Dual Speed Oil Pump Status, Dual Tank Aux LP Relay, Duct Sensor - Floor Left, Duct Sensor - Floor Right, Duct Sensor - Panel Left, Duct Sensors -Panel Right, Duty Cycle Purge Solenoid, EAC Compressor Speed Request, Easy Entry/Exit, EBD Warning Light, EBL (Rear Defrost) Button, EBL Status, EC Mirror State, E-Call Button Backlight LED, E-Call Button Green LED, E-Call Button Red LED, E-Call Green Day PWM, E-Call Green Night PWM, E-Call Red Day PWM, E-Call Red Night PWM, ECM WAKEUP, ECO, ECO Button, ECO Indicator, 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, ELCM Forced Monitor Test, Electric Motor Control, Electric Thermostat Heater, Electric Thermostat Heater Solenoid, Electric Thermostat Heater Solenoid Duty Cycle, Electric Transmission Oil Pump, Electric Vacuum Pump, Electric Wastegate Valve, Electronic Stability Control, Electronic Stability Control Off, EMCC VLP Solenoid, Emergency Call Backlight LED PWM, Emergency Call Green LED PWM, Emergency Call Red

LED PWM, Emissions Failure Lamp, Emissions Rolls Test Mode Is Active, EMTC Encoder Power Return, EMTC Encoder Power Supply (5V), 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 Auto Apply Control, EPB Drive Away Control, EPB Failure Lamp, EPB Function Lamp, EPB Service, EPB Switch Function LED, EPB Warning Light, EQ Loudness Test, ESC, ESC Disable Lamp, ESC Failure Lamp, ESC Indicator, ESC Malfunction Lamp, ESC Off, ESC OFF lamp, 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, 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, External Temperature, Externally Controlled Variable Displacement (ECVD) Command (DC), Externally Controlled Variable Displacement (ECVD) Command (Duty Cycle), Faceplate Controls-Eject, FAD Feedback Voltage, FAD Lock Request, FAD Power Output, FAD Request Output, FAD Supply Voltage, Fade Settings, Fan Clutch PWM Duty Cycle Output, Fan Clutch Test, Fan Control, Fan Off Button, Fan Rotary Detents, Fast Down Leveling Test, Fault Message F1 - Service Air Suspension, FCW Button, Feature Pin, Fill Spring From Reservoir, First Pass Cool Down Test Results, First Row Driver Seatbelt Buckle Sensor-Switch, First Row Passengers Seatbelt Buckle Sensor-Switch, Flipper Glass 2, Fog Lamp, FOG LAMP FT LT, FOG LAMP FT RT, Foot Well, Foot Well/Halo Lamps, Foot Well-Halo Lamps, Freeze Current State, Frequency Step Selection, Front Blower Control, Front Blower Motor, Front Blower Speed, Front Collision Off, Front Collision Off, Front Defrost, FRONT DEFROST button, Front Defrost Indicator, Front Fog, Front Fog Lamps, 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 Off Road Camera Washer, Front Refrigerant Shut-off Valve, Front Vertical Motor, Front Wash, Front Washer, Front Wiper (High/Low), Front Wiper (High-Low), Front Wiper (On/Off), Front Wiper (On-Off), Front Wiper Hi Speed, Front Wiper High, Front Wiper Interval 1, Front Wiper Interval 2, Front Wiper Interval 3, Front Wiper Interval 4, Front Wiper Low, Front Wiper Low-Int Speed, Front/Rear Washer, Front-Rear Park Assist Button, Front-Rear Washer, Fuel Door Lock, FUEL DOOR UNLOCK, Fuel Door Uulock, Fuel Filter Heater, 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 Indicator, GATED PARK RELAY, 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, Grid Test, Haptic Motor, Head Rest Actuation, Head Rest Relay, Headlamp Washer, Heated Seat Automatic Addressing, 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 PWM Control, Heated Steering Wheel~Heated Steering Wheel, Heater Core Inlet Temperature Target, Heater EBL, 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, Hi Beam, High Beam, High beam headlamp indication, 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 Aux Pump, High Temp Cabin Valve Rotation, High Temp Coolant Fill - Aux Pump, High Temp Shut-off Valve, High Voltage Battery Precharge Contactor Test, High Voltage Coolant Heater, Hood Ajar, Horizontal Headrest Motor, Horizontal Motor, Horizontal Motor Backward/Forward, Horn, HPCR Duty Cycle, HPCR Duty Cycle Output, HSD 21W 1, HSD 21W 2, HSD 21W 3, HSD 21W 4, HSD FOR LED 1, HSD FOR LED 2, HSD RELAY 1, HSD RELAY 2, HSD RELAY 3, HSD RELAY 4, HSD RELAY 5, HSD RELAY 6, HSD RELAY 8, HUD Lighting Level, HVAC A-C Indicator, HVAC AUTO Indicator, HVAC Blower Knob Direction, HVAC Cool Down Test, HVAC Front DEF Indicator, HVAC Mode Button, HVAC OFF Button, HVAC Rear DEF Indicator, HVAC REC Indicator, HVAC Self Test, HVAC SYNC Indicator, I/O Control All, I/P Illumination, ICR-HCR Relay, 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, Ignition RUN-ACC 1, Ignition RUN-ACC 2, Ignition RUN-START, Immobilizer Antenna Test, In Motion Menu, Indicator Channel, 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, Indicator Tests, Initiate P2BA9 SCR Refill Monitor, Injector Enable (All Cylinders), Injector Kill Test, Inlet Metering Valve, Inlet Valve FL, Inlet Valve FR, 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 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, Interior Ambient Lighting, Interior Convenience Lamps, Interior Convenience Lamps 2, Interior Convenience Lamps 3, Interior Panel Dimming Lamps, Interior Panel Dimming Lamps 2, Interior Vanity Lamps, Inverter, Inverter Enable Relay, Inverter Status Indicator, IOD RELAY ON LSD, I-P Illumination, IP Run 1, IP Run 3, IP Run Start 1, IP Run Start 2, IPC Self Test, IRCM Heater, IRCM Relay Unlock Control, ITOS - Cabin Temperature, Key Pad Back Lighting, Keypad Backlight Control, KeySense, KIN ACC LED State, KIN Antenna Power, KIN LED Control, KIN OFF LED, KIN OFF LED State, KIN RUN LED, KIN RUN LED State, KIN Start/Stop LED State, KIN Start-Stop Button (SSB) LED, KIN Start-Stop LED State, Knob Lock State, L/U And SEL On Off Solenoid, L/U Solenoid Current, Lamps Actuation-Left leveling actuator position, Lamps Actuation-Right leveling actuator position, Lane Departure Warning ON-OFF Indicator, LC Clutch Volume Index Check, 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), LED Outputs, Left Rear Tail/Park Lamp, Left Air Catcher LED, Left Auxiliary High Beam, Left Backrest Heat Seat Linear PWM Request Output, Left Backup

Lamp, Left Cushion Heat Seat Linear PWM Request -Output, Left Day Light Lamp, Left Daytime Running Lamp, Left Floor Duct Sensor, Left Front Fog Lamp, Left Front Fog Lamps, Left Front Park Lamp, Left Front Park Lamps, Left Front Side Marker, Left Front Turn Lamp, Left Front Turn Signal, Left HID Lamp, Left High Beam, Left High Beam Lamp, Left High Beam Shutter, Left Low Beam, Left Low Beam-HID, Left Panel Duct Sensor, Left Rear AUX Turn Lamp, Left Rear Door Lock-Unlock, Left Rear Fog Lamp, Left Rear Fog Lamps, Left Rear Park Lamp, Left Rear Tail-Park Lamp, Left Rear Turn Lamp, Left Rear Turn Lamp (BUX), 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 Stop-Turn Lamp, Left Trailer Tow Turn/Stop Lamp, Left Trailer Tow Turn-Stop Lamp, Left Turn Light Status, Left Turn Signal, Left Turn Signal Indicator, Left Turn Signal Lamp, Left turn signal lamp indication, Left Vent Seat Linear PWM Request -Output, Level Not Permitted, LF Antenna Verification Test, License Plate Lamp, License Plate Lamp WK -Right Rear Rail Lamp WD, License Plate Lamps, Lift Pump Relay, Liftgate Release Motor, Lin Module Data, Linear Hall, Linear Solenoid A, Linear Solenoid B, Linear Solenoid C, Linear Solenoid D, Linear Solenoid E, Linear Solenoid F, Linear Solenoid G, Load Level, Locate Learned Keys, LOCK 4WD, Low Beam Light, Low Fuel, LOW LED, Low Pressure Feed Valve 1, Low Pressure Feed Valve 1 (Normally Closed), Low Pressure Feed Valve 2, Low Pressure Feed Valve 2 (Normally Closed), Low Pressure Feed Vlv 1(Normal close), Low Pressure Feed Vlv 2(Normal close), Low Reverse Solenoid, Low Temp Active Pump, Low Temp Passive Pump, Low Temp Passive Pump 1, Low Temp Passive Pump 2, Lower LED, Lowering, Low-Reverse Solenoid, LR Clutch Volume Index Check, LR Door Ajar, LR DOOR LOCK LED, LR Solenoid, LSD FOR LED 3, LSU Heater 1, Main Left Temperature Actuator Position, Main/Left Temp Selected, Main-Left Temp. Door Actuator Position, Main-Left Temp. Door Position, Main-Left Temperature Actuator Position, Malfunction Indicator Lamp, Master Ept Wake Up Output, Master ePT Wake Up Output 1, Memory Seat ECU Self Test, Metering Unit, Metering Unit Actuator, Middle LED, Mid-Range Settings, MIL Lamp, Mirror Direction, 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, Mist, Mode, Mode 2 Actuator Position (Defrost Panel Door), Mode Door 1 (Panel), Mode Door 2 (Defrost-Demist), Mode Door 3 (Floor), Mode Selection, Motor A Control, Motor B Control, Motorized Thermistor-Cabin Temp, 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, O2 Sensor Heater Bank1 Sensor1, O2 Sensor Heater Bank1 Sensor2, O2 Sensor Heater Bank2 Sensor1, O2 Sensor Heater Bank2 Sensor2, OBCM Wakeup, OBD Button 1 Pad 1, OBD Button 1 Pad 2, OBD Button 2 Pad 1, 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, OD Clutch Volume Index Check, Offroad Level 1, Offroad Level 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, Optical Horn, OPTIONAL HSD 1 PWM, OPTIONAL HSD 2 PWM, ORC RELAY CONTROL, Outlet Valve FL, Outlet valve FR, Outlet valve front left activation, Outlet valve front right activation, 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 activation, Outlet valve rear right activation, 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, Oxygen System Heater Test, Park Lamp Rear Left, Park Lamp Rear Right, Park LED, Park Light, Park Mode Level, Park Mode Pending, Park Pawl Actuator Control, Parking Brake And Low Brake Fluid, Parttime LED, Passenger Airbag (PAB) Status, Passenger Airbag LED, Passenger Cooled Seat, Passenger Door Ajar, PASSENGER DOOR LOCK LED, Passenger Door Lock-Unlock, Passenger Heated Seat, Passenger Heated Seat Button, Passenger Occupant Detection Sensor (ODS), Passenger Seat Belt, Passenger Temp Detents, Passenger Temp Down Button, Passenger Temp Rotary Direction, Passenger Temp Up Button, Pedals, Pedals Forward/Backward, Permanent Static System Fault, Pilot 1 (USV Front, MCI Front -Normally Open), Pilot 1 (USV LF-RR, MCI LF-RR -Normally Open), Pilot 2 (USV Rear, MCI Rear -Normally Open), Pilot 2 (USV RF-LR, MCI RF-LR -Normally Open), Pilot Front (USV - Normally Closed), 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 Relief Valve (PCR - Normally Closed), Pressure Control Solenoid Valve, Pressure Regulator Valve, Pressure Value Correction Shut-Off, Pre-Supply Pump, Priming 1 (HSV Front, LPF Front -Normally Closed), Priming 1 (HSV LF-RR, LPF LF-RR -Normally Closed), Priming 2 (HSV Rear, LPF Rear -Normally Closed), Priming 2 (HSV RF-LR, LPF RF-LR -Normally Closed), Priming Front (HSV - Normally Closed), Proportional Purge Solenoid, Proportional Purge Solenoid., Proportional Surge Solenoid, PTC Cabin Heater 1 Actuation, PTC Cabin Heater 2 Actuation, PTC Cabin Heater 3 Actuation, PTC Heater Relay 1, PTC Heater Relay 2, PTC Heater Relay 3, PTO, PTS Button, PTS ON-OFF Indicator, PTS Switch Simulation, Puddle Lamp State, Pump, Pump Control, 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 Fan Duty Cycle, Radiator Jalousie ShutterPosition, Radiator-Condenser Cooling Fan Relay 1 Control State, Radiator-Condenser Cooling Fan Relay 2 Control State, Radio, Radio List-Enter Button, Radio Mute Button, Radio Power Button, Radio Screen OFF Button, Radio Tune-Scroll Knob Direction, Radio Volume, Radio Volume Knob Direction, Rail Pressure, Rail Pressure Sensor Replacement, Raising, Raising Lowering Interrupted, 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 CFM, Rear Blower Speed, Rear Blower State, Rear Defrost Button, Rear Defrost Indicator, Rear Fog, Rear Fog Lamps, Rear Fog Light Status, Rear Heated Window, Rear Left Position Light Status, Rear Left VENT SEAT Linear PWM Request, Rear Left Window Manual Mode, Rear Mode 1 Actuator Position, Rear Right Position Light, Rear Right Turn Lamp, Rear Right VENT SEAT Linear PWM Request, Rear Right Window Manual Mode, Rear Vertical Motor, Rear Wiper, Recirc, RECIRC button, RECIRC Indicator, Recirc. Door Actuator Position, Recirculation Door Actuator Position, Recirculation LED, Recirculation Pump, Recirculation pump activation, Recliner, Recliner Motor, Red Brake Lamp, Red Hazard Button, Red

Heated Seat and Steering Wheel Indicators, RED Heated Seat Indicators, Red Temperature Bar, Reduce Speed, 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 Gear Light Status, 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 Backup Lamp, Right Cushion Heat Seat Linear PWM Request -Output, Right Day Light Lamp, Right Daytime Running Lamp, Right Floor Duct Sensor, Right Front Door Handle Power, Right Front Fog Lamp, Right Front Fog Lamps, Right Front Park Lamp, Right Front Park Lamps, Right Front Side Marker, Right Front Turn Lamp, Right Front Turn Signal, Right HID Lamp, Right High Beam, Right High Beam Shutter, Right Low Beam, Right Low Beam-HID, Right Panel Duct Sensor, Right Rear Door Handle Power, Right Rear Door Lock LED, Right Rear Door Lock-Unlock, Right Rear Fog Lamp, Right Rear Fog Lamps, Right Rear Park Lamp, Right Rear Tail/Park Lamp, Right Rear Tail-Park Lamp, Right Rear Turn Lamp, Right Rear Turn Lamp (BUX), 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 Stop-Turn Lamp, Right Temp Actuator Position, 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 Light, Right Turn Signal, Right Turn Signal Indicator, Right Turn Signal Lamp, Right turn signal lamp indication, Right Vent Seat Linear PWM Request, Right Vent Seat Linear PWM Request -Output, Roller Learning Shut-Off, Rotary 4 Detents, Rotary 4 Direction, RPS Power Supply (5V), RR Door Ajar, RR DOOR LOCK LED, RT-LT Sidemarkers-RT-LT Applique Parklamps, Run, Run Acc 2, Running Light (Mirror), Run-Start 1, SCR Inlet Temp Sensor Replacement, SCR Relay Actuation Test, Screen Off, SCREEN OFF button, SDAR Station Selection, Seat Belt, Seat Belt Lamp, Seat Belt Light, Seat belt unfastened Lamp, 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, Seek Status, Seek Status Tuner AM-FM, Seek Status Tuner DAB, Select Level Switches, Self Test Routine, Sensor Rolls Test, Separation Valve (SV - Normally Open), SERV LED, Service Air Suspension, See Dealer Now -(Red Lamp), Service Lamp, 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 Marker, Side Mirrors Heater Control, SIGNATURE LAMP LT, SIGNATURE LAMP RT, Skip Shift Solenoid, Small Leak Verification Test, Smart Bar Command, 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, Standard Vehicle Level, Start/Stop System, Starter, Starter Relay, Starter Solenoid, Starter Solenoid (High), Starter Solenoid High, Starter Status, Steering Column, Steering Wheel Linear PWM Request -Output, Stop - Start System Active Indicator, Stop / Start System Active Lamp, Stop Light Status, Stop Start Confirmation, Stop/Start System Active, Stop-Start ON-OFF Indicator, Stop-Start System Active, Stop-Turn Lamp Left, Stop-Turn Lamp Right, Sun Shade Control, SUNROOF MOTOR, Surge Solenoid Control State, Sway Bar Indicator, Swing Gate Lock, Swing Gate Unlock, Swirl Valve actuator Test, Switch Illumination State, Switch On EPB Failure

Lamp, Switch On EPB Function Lamp, SYNC Indicator, System Disabled (Tire Jack Mode), System Temporarily Not Available, System Wiring Test, T Case Service Indicator Request, Tail Gate Lock, Tail Gate Unlock, T-Case Motor Brake HSD Output, T-Case Motor Brake LSD Duty Cycle, T-Case Motor Direction, 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, Temporary Remote Start Disable, Thermal System Enable, 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, Top LED, Topper Center Mounted Stop Lamp, TOPPER CHMSL, Torque Coupling Control, TOW-HAUL, Tow-Haul Indicator, TPM Sensor Rolls Test, TPMS, TPMS Generic Failure Lamp, Trac Cntrl Outlet Vlv 1(Normal open), Trac Cntrl Outlet Vlv 2(Normal open), Traction Control Outlet Valve 1, Traction Control Outlet Valve 1 (Normally Open), Traction Control Outlet Valve 2, Traction Control Outlet Valve 2 (Normally Open), Trailer Backup Lamps, Trailer BU Lamps, Trailer Tail Lamp Relay, Transfer Case 4WD/Lock/Part Lamp, Transfer Case AWD/Auto/Full Lamp, Transfer Case Clutch Torque, Transfer Case Low Lamp Request, Transfer Case Neutral Lamp Request, Transmission Component Tests, Transmission Verification Test, Transponder Antenna Power, Treble Settings, Truck Bed Lighting Leds, Truck Cargo Lamps, Trunk Door Handle Power, Trunk/Flipper Glass Release Motor, Trunk-Flipper Glass Release Motor, Trunk-Gate, Tumble Generator Valve, Tuner Rotary Detents, Tuner Rotary Direction, Turbo/VGT Component Replacement, Turn Left, Turn Light, Turn Right, Turn Signal Lamp State, Twilight Sensor Value, UConnect Live Apps Installation, UD Clutch Volume Index Check, UD Solenoid, UGDO, UGDO Power Supply, Under Inflation Lamp, Underdrive Solenoid, Under-Drive Solenoid, Unlock 1/Driver Lock, Unlock 1-Driver Lock, Unlock 2/Passenger Locks, Unlock 2-Passenger Locks, Unlock Left Rear, Unlock Left Rear Door, UNLOCK LT RR, Unlock Right Rear, Unlock Right Rear Door, UNLOCK RT RR, Unlock Run -Start, Unlock RUN-START, UP Select Button, 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 Cleaner Switch Backlight, Vacuum Pump Relay, Variable Displacement AC, Variable Swirl Actuator, Variable Swirl Valve Shutoff, Variable Valve Timing, VVT Control Valve, Vehicle Speed Output, Vehicle Speed-RPM, Vehicle Sway Green, Vehicle Sway White, Vehicle Sway Yellow, Vehicle Theft Alarm, Vertical Front, Vertical Headrest Motor, Vertical Rear, Video Input, 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, View VTA Enable Data, VLP Solenoid, Volume Rotary Detents, Volume Rotary Direction, VTA Indicator LED, VTA Lamp, 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, VVT Tests, Washer Camera, 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 Hall Sense Supply, Window State, Windshield Heater Relay, WINDSHIELD HEATER RELAY DR, WK Head Rest Relay, Yellow A/C and Auto Indicators, Yellow Button Indicators, Yellow Fault Lamp, Yellow Lane Departure Warning Indicator, Yellow Rear Defrost Indicator, Yellow Recirc Indicator

New Ford/Lincoln Coverage

3 new Actuation type special tests:

Rear Fog Lamps Output, Refueling Vapor Control Valve Open - Close, Stop Lamps Output

New Coverage Details – USA Asian

New Hyundai/Genesis Coverage

- Added coverage for 115 new system applications

21 new Adjustment type special tests:

12V Battery SOC Calibration, Air Bleeding Mode, Auto Detected Configuration Reset, Brake Pad Change Mode, Longitudinal G Sensor Calibration(HAC/DBC Only), Multiplicative Injection Time Correction for All Cylinders, Multiplicative Injection Time Correction for Cylinder1, Multiplicative Injection Time Correction for Cylinder2, Multiplicative Injection Time Correction for Cylinder3, Multiplicative Injection Time Correction for Cylinder4, Multiplicative Injection Time Correction for Group(B) All Cylin, Multiplicative Injection Time Correction for Group(B) Cylinder2, Multiplicative Injection Time Correction for Group(B) Cylinder3, Purge Solenoid Valve Opening Additive Correction, Reset of Injector Q-stat Adaptation, Resetting Adaptive Values, Resetting Auto Trans Adaptive Values, Resetting E-CVVT Values, Set the steering feel torque to zero, Write VIN, Zero Re-calibration of Occupant Classification Sensor

344 new Actuation type special tests:

12V Latch Relay OFF, 12V Latch Relay ON, 1st Gear Lamp, 2nd Gear Lamp, 3D View, 3rd Gear Lamp, 3rd Row SBR Center Indicator(Option), 3rd Row SBR Left Indicator(Option), 3rd Row SBR Right Indicator(Option), 4th Gear Lamp, 4th Row SBR Center Indicator(Option), 4th Row SBR Left Indicator(Option), 4th Row SBR Right Indicator(Option), 5th Gear Lamp, 6th Gear Lamp, A/C Compressor Relay, AAF Control - Close, AAF Control - Open, AAF Relay, Actuator Control - Apply, Actuator Control - Release, AEWP Control - PWM Type, After Blower USM Set Off, After Blower USM Set On, AHB Cut Valve #1, AHB Cut Valve #2, All Mood Lamp Blue LED Test, All Mood Lamp Green LED Test, All Mood Lamp Red LED Test, All Mood Lamp White LED Test, Alternator Control, Assistant Side Outside Handle Antenna Output (Power and GND), Auto Defog Mode Door - Close, Auto Defog Mode Door - Open, AVM + FrontLeft + FrontRight View, AVM + RearLeft + RearRight View, Back Up Lamp Output, Battery Coolant Valve Operation Mode1 (Combined Mode) ON, Battery Coolant Valve Operation Mode1 (Seperated Mode) ON, Battery EWP Operation Mode for Degassing and Circulation, Battery Warning Lamp, Canister Purge Valve, Canister Shut Off Valve Clocked(OBD-2 Only), Canister Shut Off Valve Toggling(OBD-2 Only), Canister Shut Off Valve(Leak Test), Canister Shut Off Valve(OBD-2 Only), CDA Control Solenoid Valve - EX, B1, CDA Control Solenoid Valve - EX, B2, CDA Control Solenoid Valve - IN, B1, CDA Control Solenoid Valve - IN, B2, Central Door Lock Switch Output, Central Door Unlock Relay Output, Charging Status LED (Green) On, Charging Status LED (Yellow) On, CNG Bi-Fuel Fuel Change, CNG Shut sol valve in Fuel Tank, Compressor Off, Compressor On, Console Mode Door - Floor, Console Mode Door - Vent, Console Off Door, Console On Door, Console Temperature Air Mix Door 0%, Console Temperature Air Mix Door 100%, Console Temperature Air Mix Door 50%, COOLANT VALVE - 3WAY (HTR) - Close, COOLANT VALVE - 3WAY (HTR) - Open, Cooler step 3 operation, Cooling Fan PWM, CPP(Canister Puge Pump) Control, Cruise Control Main Lamp(Auto CruiseType Only), Cruise Control Main Lamp(Option), Cruise Control Set Lamp(Auto Cruise Type

Only), Cruise Control SET Lamp(Optional), CVVD Intake, CVVT Exhaust, CVVT Intake, D Target Position, DEHUM VALVE - EXV (DEHUMI) Valve Close, DEHUM VALVE - EXV (DEHUMI) Valve Open, Diagnostic Valve, Differential Pressure Valve, Driver Air Mix Door-0%, Driver Air Mix Door-100%, Driver Air Mix Door-50%, Driver Mode Door-DEF, Driver Mode Door-Floor, Driver Mode Door-Vent, Driver Power Window Switch Autol Up Output, Driver Seat Heat Mode to the High, Driver Seat Vent Mode to the High, Driver Side Outside Handle Antenna Output (Power and GND), EGR Valve, ELCM Change Over Value(COV) Control, ELCM Pump Control, Electric Oil Pump (for HEV), Electrically Controlled Water Pump (Option), Electronic Expansion Valve (Battery Chiller) - Close, Electronic Expansion Valve (Battery Chiller) - Open, Electronic Expansion Valve (Heat Pump) - Close, Electronic Expansion Valve (Heat Pump) - Open, Electronic Expansion Valve (Receiver Drier) - Close, Electronic Expansion Valve (Receiver Drier) - Open, Electronic Waste Gate Valve (Turbo Only), EMS Wakeup Output, Engine Check Lamp(MIL), Engine Clutch Control Solenoid (for HEV), ETC Motor, EVAP Leakage Test, EWP Max RPM Operation, Exhaust Gas Recirculation Valve, External Buzzer Output, Fan Motor Control-High Speed, Fan Motor Control-Low Speed, FAN ON, Fan PWM, Fan1 1st, Fan1 2nd, Fan1 3rd, Fan1 4th, Fan1 5th, Fan1 6th, Fan1 7th, Fan1 8th, Fan1 9th, Fan1 Stop, Flow Stop Valve, FPCM pressure control, Front Air Flow Door - 0%, Front Air Flow Door - 100%, Front Air Flow Door - 50%, Front BLDC Blower Motor 0RPM, Front BLDC Blower Motor 1000RPM, Front BLDC Blower Motor 1500RPM, Front BLDC Blower Motor 2000RPM, Front BLDC Blower Motor 2500RPM, Front BLDC Blower Motor 500RPM, Front BLDC Blower Motor MAX RPM, Front Blower Fan Motor-1Step, Front Blower Fan Motor-2Step, Front Blower Fan Motor-3Step, Front Blower Fan Motor-4Step, Front Blower Fan Motor-5Step, Front Blower Fan Motor-6Step, Front Blower Fan Motor-7Step, Front Blower Fan Motor-8Step, Front Blower Fan Motor-Off, Front Bumper Antenna Output (Power and GND), Front Seat Heat Mode to the High, Front Seat Vent Mode to the High, Front Top-AVM View, Front-Full View, Front-SVM View, Fuel Open Loop, Fuel Pressure Indicator Lamp(LPI), Fuel Pressure Regulator (GDI Only), Fuel Pump Control(1st stage), Fuel Pump Control(2nd stage), Fuel Pump Control, Fuel Pump Relay Control for LPG, Fuel Pump Relay for LPG, Fuel Pump Relay(1st stage), Fuel Pump Relay(2nd stage), Fuel Pump Relay, Fuel Tank Isolation Valve Relay Open, Gasoline Lamp (Bi-Fuel), Hat Shelf Antenna Output (Power and GND), Head Lamp Welcome Command, Heater step 3 operation, High Pressure Fuel Pump Control, High Pressure Fuel Pump Control2, High Voltage Battery Heater Relay ON, HV PTC OFF, HV PTC ON(Min.), Idle Speed Actuator, Ignition Coil Enable/Disable-#1, Ignition Coil Enable/Disable-#2, Ignition Coil Enable/Disable-#3, Ignition Coil Enable/Disable-#4, Immobilizer Lamp(Optional), Indicator ALL OFF, Indicator ALL ON, 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, Inlet Valve-Front Left Control, Inlet Valve-Front Right Control, Inlet Valve-Rear Left Control, Inlet Valve-Rear Right Control, Intake Door - Fresh, Intake Door - Recirc, Interior Antenna #1 Output (Power and GND), Interior Antenna #2 Output (Power and GND), Interior Antenna #3 (Trunk Antenna : Sedan Type) Output (Power, ISG Lamp, ITM Valve, Key Hole Illumination (Manual Key Type), Key Interlock Solenoid(Manual Key Type), Lamp Control, Lock Mode Initialization, LPG Cut Valve for Fuel Rail, LPG Cut Valve for Fuel Tank, LPG Fuel Pump PWM, LPG Lamp, Main Relay (+) ON, Main Relay(-) ON, Main Relay(-)(+), Precharge Relay OFF simultaneous, Main Relay(-), Precharge Relay, Simultaneously ON (Precharge se, Main Relay, Maintenance mode - EPB/MOC disengaging, Motor, Move P/Seat to the Foremost Position (Height), Move P/Seat to the Foremost Position (Recline), Move P/Seat to the Foremost Position (Slide), Move P/Seat to the Foremost Position (Tilt), Move P/Seat to the Last Position (Height), Move P/Seat to the Last Position (Recline), Move P/Seat to the Last Position (Slide), Move P/Seat to the Last Position (Tilt), Move P/Seat to the Lowest Position (FR Height), N Target Position, Normal Idle Speed Offset, O2 Heater Front (B1/S1), O2 Heater Rear (B1/S2), OBC Relay(-) ON, OBC Relay(+) ON, OBC Relay(+)/(-) ON Simultaneous, Oil Change Warning

Lamp(Optional), Oil Change Warning Lamp, Oil Control Valve - Exhaust Bank 1(Optional), Oil Control Valve - Exhaust Bank2, Oil Control Valve - Intake Bank1, Oil Control Valve - Intake Bank2, Oil Pressure Warning Lamp, On/Off Solenoid A (SS-A), Outlet Valve-Front Left Control, Outlet Valve-Front Right Control, Outlet Valve-Rear Left Control, Outlet Valve-Rear Right Control, Over speed indicator(Optional), P Target Position, Passenger Air Mix Door-0%, Passenger Air Mix Door-100%, Passenger Air Mix Door-50%, Passenger Mode Door - Defog, Passenger Mode Door - Floor, Passenger Mode Door - Vent, Passenger Seat Heat Mode to the High, Passenger Seat Vent Mode to the High, Power Supply to the ACC Relay of Main MCU, Power Supply to the IGN1 Relay of Main MCU, Power Supply to the IGN1/IGN2 Relay of Main MCU, Power Supply to the IGN1/STARTER Relay of Main MCU, Precharge Relay ON, Precharge Relay ON, Main Relay (-), (+) ON (Normal sequence), Pressure Control Solenoid (LP), Pressure Control Solenoid Valve(VFS) 'A', Quick Charge Relay (+),(-), Main Relay (-), (+) ON (Normal Char, Quick Charger Relay(-) ON, Quick Charger Relay(-)(+) ON simultaneous, Quick Charger Relay(+) ON, R Target Position, Radiator shutter 1 - Auto test, Radiator shutter 1 - Close test, Radiator shutter 1 - Open test, Read VIN, Rear Air Flow Door - 0%, Rear Air Flow Door - 100%, Rear Air Flow Door - 50%, Rear Air Mix Door-0%, Rear Air Mix Door-100%, Rear Air Mix Door-50%, Rear Air Mix(A) Door-0%, Rear Air Mix(A) Door-100%, Rear Air Mix(A) Door-50%, Rear Blower Fan Motor-1Step, Rear Blower Fan Motor-2Step, Rear Blower Fan Motor-3Step, Rear Blower Fan Motor-4Step, Rear Blower Fan Motor-5Step, Rear Blower Fan Motor-6Step, Rear Blower Fan Motor-7Step, Rear Blower Fan Motor-8Step, Rear Blower Fan Motor-Off, Rear Bumper Antenna Output (Power and GND), Rear Curtain Down Output [Rear Curtain Hall Sensor Power Output, Rear Curtain Up Output [Rear Curtain Hall Sensor Power Output(O, Rear Driver B-PILLAR Door - 0%, Rear Driver B-PILLAR Door - 100%, Rear LH Seat Heat Mode to the High, Rear LH Seat Vent Mode to the High, Rear Passenger B-PILLAR Door - 0%, Rear Passenger B-PILLAR Door - 100%, Rear RH Seat Heat Mode to the High, Rear RH Seat Vent Mode to the High, Rear SBR Symbol Indicator Output(Optional), Rear Seat Belt Center Indicator (Option), Rear Seat Belt Left Indicator (Option), Rear Seat Belt Right Indicator (Option), Rear Seat Heat Mode to the High, Rear Seat Vent Mode to the High, Rear Temp Cool Door - 0%, Rear Temp Cool Door - 100%, Rear Temp Cool Door - 50%, Rear Temp Warm Door - 0%, Rear Temp Warm Door - 100%, Rear Temp Warm Door - 50%, Rear Top-AVM View, Rear-SVM View, Security Indicator (Option), Selection Injector Group(A) of Engine Idle state for Dual Injec, Shift Control Solenoid Valve (28/B), Shift Control Solenoid Valve (37R/C), Shift Control Solenoid Valve (46/C), Shift Control Solenoid Valve (UD/C), Shift Control Solenoid Valve E(SS-A), Simulator Valve #2, Solenoid Thermal Expansion Valve - Close, Solenoid Thermal Expansion Valve - Open, SSB illumination Output (Power and GND), Start Inhibit Relay, TCI Bypass Valve(Turbo Only), Torque Converter Clutch Solenoid Valve, Turbo dump(ReCirculation) Valve (RCV), Turbo waste gate(WGT) valve, Variable Exhaust Flap, Variable Force Solinoid Valve - Exhaust Bank1 test, Variable Force Solinoid Valve - Intake Bank1 test, Variable Intake Manifold 1 (Option), Variable Intake Solenoid(Optional), Variable Oil Pump Solenoid, VESS Sound Play (5 Sec), VESS Sound Play (Until Stop Command), VVL Control Solenoid Valve - EX, B1, VVL Control Solenoid Valve - EX, B2, VVL Control Solenoid Valve - IN, B1, VVL Control Solenoid Valve - IN, B2, Wiper High-Speed Relay [Wiper High RLY With Wiper Power RLY], Wiper Low-Speed Relay [Wiper Low RLY With Wiper Power RLY]

New Kia Coverage

- Added coverage for 144 new system applications

25 new Adjustment type special tests:

Adaptive Value Backup Input (ECU Transfer Assy replacement at once), Adaptive Value Backup Input (ECU replacement), Air Bleeding Mode, Auto Detected Configuration Reset, Brake Pad Change Mode, HCU Air Bleeding Mode, Longitudinal G Sensor Calibration(HAC/DBC Only),

Multiplicative Injection Time Correction for All Cylinders, Multiplicative Injection Time Correction for Cylinder1, Multiplicative Injection Time Correction for Cylinder2, Multiplicative Injection Time Correction for Cylinder3, Multiplicative Injection Time Correction for Cylinder4, Multiplicative Injection Time Correction for Group(B) All Cylin, Multiplicative Injection Time Correction for Group(B) Cylinder2, Multiplicative Injection Time Correction for Group(B) Cylinder3, Purge Solenoid Valve Opening Additive Correction, Reset Adaptive Values, Reset of Injector Q-stat Adaptation, Resetting Adaptive Values, Resetting Auto Trans Adaptive Values, Resetting E-CVVT Values, Set the steering feel torque to zero, WCT Reprogram, Write VIN, Zero Re-calibration of Occupant Classification Sensor

571 new Actuation type special tests:

(LED) DRL Lamp LH, (LED) DRL Lamp RH, 1st Gear Lamp, 2nd Gear Lamp, 3D View, 3rd Gear Lamp, 3rd Row Center SBR Center Indicator, 3rd Row SBR Center Indicator(Optional), 3rd Row SBR Left Indicator(Optional), 3rd Row SBR Right Indicator(Optional), 4th Gear Lamp, 4th Row SBR Center Indicator(Optional), 4th Row SBR Left Indicator(Optional), 4th Row SBR Right Indicator(Optional), 5th Gear Lamp, 6th Gear Lamp, A/C Compressor Relay, AAF Control - Close, AAF Control - Open, AAF Relay, A-C Compressor Relay, Activation Switch LED, AEWP Control - PWM Type, After Blower USM Set Off, After Blower USM Set On, All Door Lock Signal Output(to PTGM), All LEDs, All Mood Lamp Blue LED Test, All Mood Lamp Green LED Test, All Mood Lamp Red LED Test, All Mood Lamp White LED Test, Alternator Control, Alternator Test, Alt'L Signal Out, Assist Door Courtesy Lamp Output, Assist Door Lock Indicator, Assist Mirror Position Down (Option), Assist Mirror Position Left (Option), Assist Mirror Position Right (Option), Assist Mirror Position Up (Option), Assist Outside Mirror Down, Assist Outside Mirror Left, Assist Outside Mirror Right, Assist Outside Mirror Up, Assist Power Window Down (Option), Assist Power Window Up (Option), Assist Seat Belt Indicator (Option), Assist Seat Belt Indicator, Assistant Side Outside Handle Antenna Output (Power and GND), ATM Solenoid, Auto Cut Relay, Auto Defog Mode Door - Close, Auto Defog Mode Door - Open, Auto Light Power, AV Tail, AVM + FrontLeft + FrontRight View, AVM + RearLeft + RearRight View, Back Up Lamp Output, Back Up Lamp, Battery Warning Lamp, Bifunction Headlamp High LH Solenoid IPS Output, Bifunction Headlamp High RH Solenoid IPS Output, 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 Toggling(OBD-2 Only), Canister Shut Off Valve(Leak Test), Canister Shut Off Valve(OBD-2 Only), CDA Control Solenoid Valve - EX, B1, CDA Control Solenoid Valve - EX, B2, CDA Control Solenoid Valve - IN, B1, CDA Control Solenoid Valve - IN, B2, Central Door Lock Indicator, Central Door Lock Relay, Central Door Lock Switch Indicator Output, Central Door Lock Switch Output, Central Door Unlock Relay Output, Central Door Unlock Relay, Charge Inlet Lock Relay, Charge Inlet Unock Relay, Charging Status LED (Green) On, Charging Status LED (Yellow) On, Child Lock Relay Output, Child Unlock Relay Output, Clamp Status ACC(Amber) LED Color illumination, Clamp Status IGN(Blue) LED Color illumination, Clamp Status Off(Red) LED Color illumination, CNG Bi-Fuel Fuel Change, CNG Shut sol valve in Fuel Tank, Compressor Off, Compressor On, Console Mode Door - Floor, Console Mode Door - Vent, Console Off Door, Console On Door, Console Temperature Air Mix Door 0%, Console Temperature Air Mix Door 100%, Console Temperature Air Mix Door 50%, Control Solenoid Valve (VFS) A, COOLANT VALVE - 3WAY (HTR) - Close, COOLANT VALVE - 3WAY (HTR) - Open, Cooler step 3 operation, Cooling Fan PWM, Cornering Lamp Left Relay Output (Option), Cornering Lamp LH Output, Cornering Lamp RH Output, Cornering Lamp Right Relay Output (Option), Courtesy Lamp RL Output, Courtesy Lamp RR Output, CPP(Canister Puge Pump) Control, Cruise Control Main Lamp(Auto CruiseType Only), Cruise Control Main Lamp(Optional), Cruise Control Set Lamp(Auto Cruise Type Only), Cruise Control SET Lamp(Optional), CVVD Intake, CVVT Exhaust, CVVT Intake, D_DRL Relay, Dead Lock Relay, Dedicated DRL Left Output, Dedicated DRL Output (Option), Dedicated DRL Right Output, Def

Door - Close, Def Door - Open, Defogger Indicator, DEHUM VALVE - EXV (DEHUMI) Valve Close, DEHUM VALVE - EXV (DEHUMI) Valve Open, Differential Pressure Valve, Door Lock Relay, Door Unlock Relay, Driver Air Mix Door-0%, Driver Air Mix Door-100%, Driver Air Mix Door-50%, Driver Door Courtesy Lamp Output, Driver Door Unlock Relay (Option), Driver Door Unlock Relay, Driver Mode Door-DEF, Driver Mode Door-DEF., Driver Mode Door-Floor, Driver Mode Door-Vent, Driver Power Window Switch Autol Up Output, Driver Seat Belt Indicator, Driver Seat Heat Mode to the High, Driver Seat Vent Mode to the High, Driver Side Outside Handle Antenna Output (Power and GND), DRL Relay(Canada), DRV-AST Power Window Enable Output, EGR Valve, ELCM Change Over Value(COV) Control, ELCM Pump Control, Electric Oil Pump (for HEV), Electric Oil Pump, Electric water pump control., Electrically Controlled Water Pump (Option), Electronic Expansion Valve (Battery Chiller) - Close, Electronic Expansion Valve (Battery Chiller) - Open, Electronic Expansion Valve (Heat Pump) - Close, Electronic Expansion Valve (Heat Pump) - Open, Electronic Expansion Valve (Receiver Drier) - Close, Electronic Expansion Valve (Receiver Drier) - Open, Electronic Waste Gate Valve (Turbo Only), EMS Wakeup Output, Engine Check Lamp [MIL], Engine Check Lamp(MIL), Engine Clutch Control Solenoid (for HEV), Engine Coolant Filling Mode, EPB Apply RH and LH, EPB Release RH and LH, ESS Lamp, ETC Motor, EV Charge Door Open Lamp Output, EV Charge Door Open Relay, EVAP Leakage Test, EVP, Exhaust Gas Recirculation Valve, Exhaust Gas Recirculation, Exterior Tail Lamp Front Left Output, Exterior Tail Lamp Front Right Output, Exterior Tail Lamp Left(Front and Rear) Output, Exterior Tail Lamp Rear Left Output, Exterior Tail Lamp Rear Right Output, Exterior Tail Lamp Right(Front and Rear) Output, External Buzzer Output, Fan Motor Control-High Speed, Fan Motor Control-Low Speed, FAN ON, Fan PWM, Fan1 1st, Fan1 2nd, Fan1 3rd, Fan1 4th, Fan1 5th, Fan1 6th, Fan1 7th, Fan1 8th, Fan1 9th, Fan1 Stop, Flasher Sound Relay(Option), Flow Stop Valve, Folding Actuator Signal Output, Foot Lamp Output(Option), FPCM pressure control, Front Air Flow Door - 0%, Front Air Flow Door - 100%, Front Air Flow Door - 50%, Front BLDC Blower Motor 0RPM, Front BLDC Blower Motor 1000RPM, Front BLDC Blower Motor 2000RPM, Front BLDC Blower Motor 2500RPM, Front BLDC Blower Motor 500RPM, Front BLDC Blower Motor MAX RPM, Front Blower Fan Motor-1Step, Front Blower Fan Motor-2Step, Front Blower Fan Motor-3Step, Front Blower Fan Motor-4Step, Front Blower Fan Motor-5Step, Front Blower Fan Motor-6Step, Front Blower Fan Motor-7Step, Front Blower Fan Motor-8Step, Front Blower Fan Motor-Off, Front Bumper Antenna Output (Power and GND), Front Charge Door Lamp Output, Front Deicer Relay, Front Fog and Cornering Lamp Left Output, Front Fog and Cornering Lamp Right Output, Front Fog Lamp Indicator, Front Fog Lamp Left Output, Front Fog Lamp Output, Front Fog Lamp Relay, Front Fog Lamp Right Output, Front Glass Heated Relay Output, Front Glass Heated Switch Indicator Output, Front Left Turn Signal Output, Front Right Turn Signal Output, 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 Washer Motor Output, Front-Full View, Front-SVM View, Fuel Door Open Solenoid Output, Fuel Open Loop, Fuel Pressure Indicator Lamp(LPI), Fuel Pressure Indicator Lamp, Fuel Pressure Ragulator (GDI Only), Fuel Pressure Regulator (GDI Only), Fuel Pump Control(1st stage), Fuel Pump Control(2nd stage), Fuel Pump Control, Fuel Pump Relay Control for LPG, Fuel Pump Relay for LPG, Fuel Pump Relay(1st stage), Fuel Pump Relay(2nd stage), Fuel Pump Relay, Fuel Tank Isolation Valve Relay Open, Fuel Tank Isolation Valve, Gasoline Lamp (Bi-Fuel), Gauge ON, Glove Box Lamp Output, HAC Brake Lamp Actuator, Haptic Steering Wheel Motor Output, Haptic Steering Wheel Output, Hat Shelf Antenna Output (Power and GND), Hazard Indicator, Hazard Mode State for Turn Signal Lamp Sequential Mode, Hazard Relay, Head Lamp High Indicator, Head Lamp High Left Output, Head Lamp High Output, Head Lamp High Relay, Head Lamp High Right Output, Head Lamp Low Indicator, Head Lamp Low Left Output, Head Lamp Low Output, Head Lamp Low Right Output, Head Lamp Low Signal, Head Lamp Washer Relay, Head Lamp Welcome Command, Heated Handle Indicator(Option), Heated Handle Output(Option), Heated Washer Nozzle Output, Heated Washer Nozzle Relay,

Heater step 3 operation, HICM Activate Diagnostics, HICM Relay, High Mounted Stop Lamp Output, High Pressure Fuel Pump Control, High Pressure Fuel Pump Control2, Horn Relay(NA), Horn Relay, HV PTC OFF, HV PTC ON(Min.), Idle Speed Actuator, Ignition 3 Relay, 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-#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, Indirect Vent door, 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, Intake Door - Fresh, Intake Door - Recirc, Interior Antenna #1 Output (Power and GND), Interior Antenna #2 Output (Power and GND), Interior Antenna #3 (Trunk Antenna : Sedan Type) Output (Power, Interior Lamp Autocut Relay Output(Optional), Interior Mood Lamp Output (Option), Internal Buzzer, IOD Relay, ISG Lamp, ISG Test(Optional), ITM Valve, Key Hole Illumination (Manual Key Type), Key Interlock Solenoid(Manual Key Type), Lamp Control - EPB Status Lamp, Lamp Control - EPB Warning Lamp, Lamp Control, Lamp Load Power Relay, LampLoad AutoCut IPS Output, LongTermLoad Cut Relay Output, LPG Cut Valve for Fuel Rail, LPG Cut Valve for Fuel Tank, LPG Fuel Pump PWM, LPG Lamp, Luggage Lamp Relay, Luggage Lamp, Main Relay (+) ON, Main Relay(-) ON, Main Relay(-), Precharge Relay, Simultaneously ON (Precharge se, Main Relay, Manual HLLD Signal Output, Map Lamp Output, Mirror Folding Operation (Option), Mirror LED Left, Mirror LED Right, Mirror Unfolding Operation (Option), Mood Lamp 1 Output, Mood Lamp 2 Output, Mood Lamp 3 Output, Mood Lamp Output, Motor, Move P/Seat to the Foremost Position (Recline), Move P/Seat to the Foremost Position (Slide), Move P/Seat to the Last Position (Recline), Move P/Seat to the Last Position (Slide), Move P/Seat to the Last Position (Tilt), Move P/Seat to the Lowest Position (FR Height), Multimedia Load Power Relay, Navi Wakeup Signal Output, Norminal Idle Speed Offset, O2 Heater Front (B1/S1), O2 Heater Front, O2 Heater Rear (B1/S2), O2 Heater Rear, OBC Wake up Output, Oil Change Warning Lamp(Optional), Oil Change Warning Lamp, Oil Control Valve - Exhaust Bank 1(Optional), Oil Control Valve - Exhaust Bank 1, Oil Control Valve - Exhaust Bank2, Oil Control Valve - Intake Bank 1, Oil Control Valve - Intake Bank1, Oil Control Valve - Intake Bank2, Oil Pressure Warning Lamp, On/Off Solenoid A (SS-A), Over speed indicator(Optional), Over Speed Warning Indicator, Parasitic Current Auto-Block IPS, Parking Brake Indicator, PAS Buzzer Output (RPAS Buzzer Output), PAS Indicator (RPAS Off Indicator), Passenger Air Mix Door-0%, Passenger Air Mix Door-100%, Passenger Air Mix Door-50%, Passenger Mode Door - Defog, Passenger Mode Door - Floor, Passenger Mode Door - Vent, Passenger Seat Heat Mode to the High, Passenger Seat Vent Mode to the High, Power Operation Request LH, Power Supply to the ACC Relay of Main MCU, Power Supply to the IGN1 Relay of Main MCU, Power Supply to the IGN1/IGN2 Relay of Main MCU, Power Supply to the IGN1/STARTER Relay of Main MCU, Power Supply to the IGN1-IGN2 Relay of Main MCU, Power Supply to the IGN1-STARTER Relay of Main MCU, Power Window Relay, Precharge Relay ON, Precharge Relay ON, Main Relay (-), (+) ON (Normal sequence), Pressure Control Solenoid (LP), Pressure Control Solenoid Valve A(Line Pressure), Pressure Control Solenoid Valve(VFS) 'A', Puddle Lamp Output, Radiator Cooling Fan PWM, Radiator shutter 1 - Auto test, Radiator shutter 1 - Close test, Radiator shutter 1 - Open test, Read VIN, Rear Air Flow Door - 0%, Rear Air Flow Door - 100%, Rear Air Flow Door - 50%, Rear Air Mix Door-0%, Rear Air Mix Door-100%, Rear Air Mix Door-50%, Rear Air Mix(A) Door-0%, Rear Air Mix(A) Door-100%, Rear Air Mix(A) Door-50%, Rear Assist Power Window Down Relay, Rear Assist Power Window Up Relay, Rear Blower Fan Motor-1Step, Rear Blower Fan Motor-2Step, Rear Blower Fan Motor-3Step, Rear Blower Fan Motor-4Step, Rear Blower Fan Motor-5Step, Rear Blower Fan Motor-6Step, Rear Blower Fan Motor-7Step, Rear Blower Fan Motor-8Step, Rear Blower Fan Motor-Off, Rear Bumper Antenna

Output (Power and GND), Rear Charge Door Lamp Output, Rear Curtain Down Output [Rear Curtain Hall Sensor Power Output, Rear Curtain Down Output, Rear Curtain Up Output [Rear Curtain Hall Sensor Power Output(O, Rear Curtain Up Output, Rear Defogger Relay, Rear Driver B-PILLAR Door - 0%, Rear Driver B-PILLAR Door - 100%, Rear Driver Power Window Down Relay, Rear Driver Power Window Up Relay, Rear Fog Lamp (Option), Rear Fog Lamp Indicator, Rear Fog Lamp Left Output, Rear Fog Lamp Relay (Option), Rear Fog Lamp Right Output, Rear Left Power Window Down (Option), Rear Left Power Window Up (Option), Rear Left Turn Signal Output, Rear LH Seat Heat Mode to the High, Rear LH Seat Vent Mode to the High, Rear mode door - B-L, Rear mode door - Floor, Rear mode door - Vent, Rear Passenger B-PILLAR Door - 0%, Rear Passenger B-PILLAR Door - 100%, Rear Power Window Enable Output (Option), Rear Power Window LH Up Relay, Rear RH Seat Heat Mode to the High, Rear RH Seat Vent Mode to the High, Rear Right Power Window Down (Option), Rear Right Power Window Up (Option), Rear Right Turn Signal Output, Rear Room Lamp Output, Rear SBR Symbol Indicator Output(Option), Rear Seat Belt Center Indicator (Option), Rear Seat Belt Left Indicator (Option), Rear Seat Belt Right Indicator (Option), Rear Seat Heat Mode to the High, Rear Seat Vent Mode to the High, Rear Seat Warmer Left(Option), Rear Seat Warmer Right(Option), Rear Temp Cool Door - 0%, Rear Temp Cool Door - 100%, Rear Temp Cool Door - 50%, Rear Temp Warm Door - 0%, Rear Temp Warm Door - 100%, Rear Temp Warm Door - 50%, Rear Top-AVM View, Rear View Switch Indicator Output, Rear Washer Motor Output, Rear Wiper Relay (Option), Rear Wiper Relay, Rear-SVM View, RKE Tailgate Signal Output(to PTGM), RL Door Lock Relay, RL Door Unlock Relay, Room Lamp Output, RPAS Switch Indicator(Option), RVM Swich Indicator Output, Safety ECU Enable Output (High), Safety Power Window Enable, Security Indicator (Option), Security LED Output, Selection Injector Group(A) of Engine Idle state for Dual Injec, Shift Control Solenoid Valve (28/B), Shift Control Solenoid Valve (37R/C), Shift Control Solenoid Valve (46/C), Shift Control Solenoid Valve (UD/C), 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), Shift Control Solenoid Valve E(SS-A), ShortTermLoad Cut Relay-IPS Output, Solenoid Thermal Expansion Valve - Close, Solenoid Thermal Expansion Valve - Open, SSB illumination Output (Power and GND), Start Inhibit Relay (Option), Start Inhibit Relay, Static Bending LH Output (Option), Static Bending RH Output (Option), Steering Warmer Output, Steering Warmer Switch Indicator Output, Stop Lamp Left, Stop Lamp Left-Right-HMSL Output (Option), Stop Lamp Right, Stop Lamp, Sunroof Enable Output, Sunroof Power Relay control(Option), System Identification, Tail Interior Lamp, Tail Lamp Indicator, Tail Lamp Output, Tail Lamp Relay, Tailgate-Trunk Release Relay, TCI Bypass Valve (Turbo Only), TCI Bypass Valve(Turbo Only), Torque Converter Clutch Solenoid Valve, Turbo dump(ReCirculation) Valve (RCV), Turbo waste gate(WGT) valve, Turn LH Output, Turn RH Output, Turn Signal Lamp Front Left Output, Turn Signal Lamp Front Right Output, Turn Signal Lamp Rear Left Output, Turn Signal Lamp Rear Right Output, Turn Signal Sound Relay Output, Vacuum Pump (ELCM), Variable Exhaust Flap, Variable Force Solinoid Valve - Exhaust Bank1 test, Variable Force Solinoid Valve - Intake Bank1 test, Variable Intake Manifold 1 (Option), Variable Intake Solenoid(Option), Variable Oil Pump Solenoid, VCM Motor(Option), VESS Sound Play (5 Sec), VESS Sound Play (Until Stop Command), VVL Control Solenoid Valve - EX, B1, VVL Control Solenoid Valve - EX, B2, VVL Control Solenoid Valve - IN, B1, VVL Control Solenoid Valve - IN, B2, Warm Bypass door, Waste Gate Valve (Turbo Only), Wiper High-Speed Relay [Wiper High RLY With Wiper Power RLY], Wiper Low-Speed Relay [Wiper Low RLY With Wiper Power RLY], Wiper Power Relay, Wiper Relay (for INT)[Wiper RLY With Wiper Power RLY]

New Nissan Coverage

- Added coverage for 92 new system applications

219 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, 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 Bleeding, Air Fuel Ratio Correction Value, Air Fuel Ratio Sensor, ALC Setting, Anc Setting, Anti Theft Alarm Trigger Setting, Anti-Lock Out Set, AP Position Learn Clear, Asc Setting, Auto Door Lock, Auto Light Logic Setting, Auto Park Inhibition, Automatic Door Lock/Unlock Setting, Automatic Door Locking, AUTOMATIC DOOR UNLOCK SELECT, Automatic Lock Setting, 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, 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, Confirm CVTF Deterioration, Confirm Key Fob ID, Cumulative Sub-Battery Discharge Current Clear, Custom A/Light Setting, Decel G Sensor Calibration, Diagnosis for Remote Engine Starter, Door Motor Starting Position Reset, Door Open Detection Acoustic Alarm, Door unlocking Driver door/all doors, Door Unlocking Triggering Delay, DPF Regeneration, 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 Oil Pump Air Bleeding, 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, Gas Sensor Adjustment, GPF Service Regeneration Reset Routine Execution, Head Light Timer, High Pressure Fuel Circuit Fault Finding, High Pressure Fuel Pump Total Starts Counter Clear, Horn With Keyless Lock, ID Read, ID Registration, Idle Air Volume Learn, Ignition Battery Saver Set, Ignition Timing (ADV), 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, 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 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, Save/Write VIN Data, SC Magnetic Clutch Engage Count Clear, Self-Learning Cont, Set R-DEF Timer, Set Rear Temperature Correction, Set Temperature Correction, Shift Drum Reference Position, Side G Sensor Calibration, Solenoid VTC Operation Start Duty Learning, Start Brake Pad Replacement, Start Initial Calibration, 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, 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, Upshifts, 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(MANUAL INPUT), Write VIN, Zero Point Calibration

742 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, 4WD AT Flow, 5TH BOW SYSTEM, A/C Compressor Relay Control, A/C Compressor, A/C Indicator, A/F Sensor Heater, AAC/V Output Duty, AAC/V Output Step, ABS Motor, AC Compressor Relay, AC Compressor, A-C INDICATOR, ACC Indicator Lamp, ACC Indicator, Accelerator Pedal Actuator Test 1, Accelerator Pedal Actuator Test 2, Accy/RAP Relay, Activate Demo Mode Of Exterior Lamp, Activate the Starter Cut Relay, Active Grille Air Shutter, Active Grille Shutter, Active Pedal, ADAS Buzzer 2, ADAS BUZZER, 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 Relay, Air Pump, Air/Liquid Pump Of Camera, ALC Disp, ALC Level, ALL INDICATORS DRIVE, All LCD Segments, All Light, ALL SEG, All Shock Absorber, Alternator Duty Cycle, Alternator Duty, Alternator Voltage, Ambient Light 1, Ambient Light 2, Ambient Light 3, Ambient Light 4, Ambient Light 5, Ambient Light 6, Ambient Light 7, Ambient Light 8, ANC Test Tone, Answer Back With I-Key Unlock, Antenna Self-Test, Anti Key Lock In Function, ARC Disp 2, ARC Disp, ARC operation indication, AS Seat Lamp Test, Assist Seat Lamp Test, ATC 1 Disp, ATC 2 Disp, ATC 3 Disp, ATC 4 Disp, ATC 5 Disp, Auto ACC 1, AUTO ACC 2, Auto retractable door mirror, Auto Stop Start, Automatic Back Door, Automatic Brake Hold Lamp Active, Automatic Brake Hold SW Lamp Active, Back Door open Test, Battery Saver, BCI Warning Indicator, Boost Pressure, Booster Solenoid, Boot/Trunk Open, 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 Actuator, Brake Hold Disp, Brake Hold Display, Brake Operation, Brake Release, Brake SW, Brake Switch, BSI Indicator On, BSI ON Indicator, BSI Warning Indicator, BSW Indicator LH, BSW Indicator RH, BSW On Indicator, BSW Warning Lamp, BSW/BSI INDICATOR DRIVE, BSW/BSI WARNING LAMP, BSW-BSI INDICATOR DRIVE, BSW-BSI WARNING LAMP, BUZZER 1 (ADAS), BUZZER 1 (CCM), BUZZER 2 (ADAS), BUZZER 2 (CCM), BUZZER 3 (ADAS), BUZZER 3 (CCM), BUZZER 4 (ADAS),

BUZZER 4 (CCM), BUZZER DRIVE, Buzzer, 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, 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 For Leaks, Check Cylinder Fuel Injectors, 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 Purging Switchover Valve, Check Quantity Control Valve, Check Throttle Valve Actuator, Check Valve Bypass Valve, CNG Cylinder 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 Test, CORNERING LAMP, C-SCV Target Step (Bank1), C-SCV Target Step (Bank2), C-VTC Target Angle, Cylinder Cutout Test, Daytime Running Light, DCA Indicator, 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: Headlamp Leveling, Display: Test, Door Handle Lamp Test, Door Lock / Unlock, Door Lock Ind, Door Lock Indicator, Door lock status indicator, Door Lock, Door Mirror LED LH, Door Mirror LED RH, Door Warning Lamp, DOWNSTREAM OXYGEN SENSOR HEATING, Drive Mode Test, Drive Power Distribute Torque, Driver Door Lamp, Driver Seat, EAP SW LAMP, EAPM Warning Lamp, 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 SPEED OUTPUT TEST, Engine Start Request, Engine Start, Engine Sw Illumi, ESS Active, ESS Relay Active, ETC Correction Valve, ETS Solenoid Control, ETS S-V, 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 Relay, FAN UNIT HIGH SPEED, Fan Unit Low Speed Relay, FAN UNIT LOW SPEED, FL Shock Absorber, FL Tire Disp, Flasher test, Flasher, FLAT TIRE WARNING, 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 lamp, Front Left Solenoid, Front Right Solenoid, Front window defogger (driver side), Front window defogger (passenger side), Front Wiper Test, Front Wiper, Fuel Flow Actuator, Fuel Flow Solenoid Valve, Fuel Heater Relay, Fuel Heater, Fuel Injection, Fuel Lid Open Indicate, FUEL LID OPEN, FUEL METER DIAGNOSIS(ANALOG METER), Fuel Pressure Solenoid Valve, Fuel Pump Control

Module, Fuel Pump Relay 2, Fuel Pump Relay 3, Fuel Pump Relay, Fuel Pump, Fuel Rail Pressure Control Valve, Fuel Rail Pressure, Fuel Return Valve, Fuel Shutoff Valve 1, Fuel Shutoff Valve 2, Fuel Shutoff Valve 3, Fuel Shutoff Valve, Fuel Supply Pump Override Test, Fuel System Leakage Test, FUEL-T TEMP SEN, Gas Pump Command State, Glow Relay, HALF BACK DOOR, Hazard Answer Back, Hazard Lamp, HDC DISP, HDC Display, Head Lamp High, Head Lamp Washer, HEAD LAMP(HI), Head Lamp, Head Lamps, Headlamp High, Headlamp Low, Headlamp Washer, 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 Acknowledgement Signal, Horn Chirp Test, HORN LAMP, Horn Test, Horn, Horn-IPDM-E, Horn-Multi Remote Ent, HPCR Fuel Act Override, HVAC Test, Hydraulic Control, 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 (Mode 1), Ignition Timing (Mode 3), Ignition Timing Adjustment, Ignition Timing, Ill Dim Signal, Illumination Dim Signal, Immobilizer Lamp, INDICATOR LAMP DRIVE, Indicator, Injection Pressure Regulator, Injector Cylinder 2, Injector Cylinder 3, Injector Cylinder 4, Injector-Cylinder 1, Inside ANT Diagnosis, Inside Buzzer, 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 (CAN), Intelligent Key Link, Interior Lamp, Interior Lamps, Interrupt Disp, Key Fob Low Battery Warning, Key Fob Power Window Test, Key Lock Solenoid, Key Reminder Warn, Key Reminder, 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, LDP Warning Lamp, LDW On Indicator, LDW Warning Indicator, LDW Warning Lamp, LED LH INDICATOR, LED, Left Exterior Mirror LED Test, Left Solenoid, Levelizer Test, Lifting motor, 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, Lumbar support (Up-Down) motor, Malfunction Status Of Stop/Start System, MAP/Baro SW/V, Master Warning Active, Memory Indicator 1, Memory Indicator 2, 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, MOTORISED THROTTLE, Oil Pressure Sw, Oil Pressure Switch, Optic Axis Active Test, Outside Air Temperature Diagnosis, 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, Passenger Door Lamp, PB SW indicator ON, PBD, Pedal Motor, 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 Balance, Power Slide Door, Power Sliding Door, POWER WINDOW (LH-RH), Power Window Down, Power Window Remote Down Set, 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, Purg Vol Cont/V, PURG VOL CONT-V, Purging Switchover Valve, Push Switch Indicator, RAB Warning Lamp (Malfunction), RAB Warning Lamp (Operation), Radiator Fan Drive, Radiator Fan Output Hi, Radiator Fan Output Lo, Radiator Fan Relay Test, Radiator Fan Relay, RCTA-BSW Indicator, Read Tire Id, READY Indicator Lamp, Rear Assist Window, Rear Buzzer, Rear Defogger Indicator, Rear Defogger, Rear Driver Window, Rear Left Door Lamp, Rear Left Solenoid, Rear O2 Diagnosis, Rear Right Door Lamp, Rear Right Solenoid, Rear Window Defogger, Rear Wiper, Reclining motor, Recycle Air Memory Switch, Release Hand Warning, Remote Engine Starter, Retractable Mirror, Reverse Gear Reset Values Of Shift Operations, Reverse Lamp, Reverse Warning, Right Exterior Mirror LED Test, Right Solenoid, Rise Up Wiper Test, RL Shock Absorber, RL Tire Disp, ROOF LATCHED LH-RH, ROOF STATE OUTPUT(AUDIO), ROOF SYSTEM, Roof, 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 LIFT, SEAT LIFTER FR, Seat Lifter Front, Seat Lifter Rear, SEAT LIFTER RR, SEAT LIFTER, 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, Siren, Sliding motor, Slow Mode, SOFT TOP SYSTEM, 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, Sonar buzzer, Speaker Mute Signal, Speed Sensor Function, START Button Illumination, Starter Cut Relay, Stationary Cornering Lamp Low, Steering Reaction Force Activation, Step Lamp Test, Stop Current Command, Stop Lamp 1, Stop Lamp 2, Stop Lamp 3, Stop Lamp Off Relay 1 Active, Stop Lamp Off Relay 2 Active, Stop Lamp Off Relay, Stop Lamp ON Relay Active, Stop Lamp On Relay, Stop Lamp, Stop Light Relay, Stop start OFF switch indicator, STORAGE LID, Stratified Direct Injection Timing Angle, Stratified EGR Position, Sub Fuel Cont Sol /V, Sub Fuel Pump Relay, Super Charger Clutch Relay, Super Lock, Supercharger Clutch Relay, SWIRL CONT SOL VALVE, Swirl Control Valve, Switch lamp 2, Switch lamp 3, 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, Thigh support motor, Third O2 Sensor Heater, Third O2/S Diagnosis, Throttle Valve Position Setpoint, Tilt Motor, Tire Pressure Warning Lamp, TPMS ID flat tire warn, TPMS ID Registration Warning, TPMS LAMP WARN TEST, Truck Relay Test, Truck Unlock Test, Trunk Locall Identifier, Trunk Open Test, TRUNK OPENER, Trunk/Back Door, Trunk/Glass Hatch Open, Trunk/Glass Hatch, Trunk-back door, TRUNK-GLASS HATCH, Trunk-Luggage Lamp Test, Trunk-luggage lamp, 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, Turn display (LH), Turn display (RH), TURN SIGNAL LAMP LEFT, TURN SIGNAL LAMP RIGHT, Unit Characteristics Data, Unlock Doors, Unlock Driver Door, Unlock Passenger Door, Unlock Rear Doors, UPSTREAM O2 SENSOR HEATING, V/T Assign Angle, Valve Tests, 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, VMC left turning operation indication, VMC Right turning operation indication, Voltage Pattern Output, 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, Welcome Light, Window lifter, front, Window lifter, rear left, Window lifter, rear right, YAW STEP L, YAW STEP R, Yellow Lane Dep.Warng.Indic. Lamp

New Subaru Coverage

- Added coverage for 25 new system applications

35 new Adjustment type special tests:

Actuator Initialization, AT learning mode, Auto Retractable Power Door Mirror Open Close ON/OFF Setting, Auto Retractable Power Door Mirror Open Trigger Setting, Auto Wiper at startup Setting, Camera Caution Display Settings, Camera Guide Line Settings, Clear AT Learning Value, Compressor Auto Mode, Diag Recorder Settings, Foot/DEF Auto Mode, Foot/Def Automatic Fan Speed Increase Function, Fresh/Recircle Air Door Auto Mode, Idle Speed Adjustment, Initial Button Setting, Initial Security Setting, Memory Initialization, Mode/All Flow, Mode/Heat III, Mode/Vent II, RAB Operation Record Data, Rear blower fan level, Record Clear, Release Max A/C By Mode Sw, Reverse Interlocking Door Mirror Last Memory ON/OFF Setting, Reverse Interlocking Door Mirror ON/OFF Setting, Reverse Interlocking Door Mirror Tilt Down Side Setting, Set Temperature Shift, Simple Roughness Monitor, System Initialization, Tire Pressure Sensor Registration, Variable compressor break-in drive, Variable Flow Change Sol Duty Setting, VIN Entry, Wiper link Auto Light Setting

205 new Actuation type special tests:

A/C Change Setting, A/C Compressor Relay, A/C Relay, A/T Oil Temperature, ABS Sequence Control Mode, ABS Warning, Active Grill Shutter Test, Air Mix Door Actuator Target Open (Driver Side), Air Mix Door Actuator Target Open (Passenger Side), Airbag Warning, Airmix Dr Act Trgt Open Angle (Drivers), Airmix Dr Act Trgt Open Angle (Pass), All Lamps, All seat UNLOCK output, All seats door warning, Alternator control mode, AM Seek Up/Down, Ambient Air Temperature setting, Ambient Temperature, AUTO switch mode setting, Auto Switch, AWD Linear Solenoid, AWD Mode Select, AWD Solenoid, AWD, Blower Fan Level Setting, Brake Lamp Lighting Operation, Brake Maintenance Mode, Brake Warning, Brightness, Canister Purge Control Solenoid, Charge, Check E/G warning, Color Check: Black, Color Check: Blue, Color Check: Cross Talking, Color Check: Gradation, Color Check: Green, Color Check: Red, Color Check: White, Compression monitor, Coolant Circulation Valve Control, Cruise Indicator, D range display, Diag Recorder Data delete, Diag Recorder Data output, Digital Audio Broadcast Antenna Check, Digital TV check, Door Mirror Indicator Active Test, Down range display, Driver Door, Driver Seat Belt Reminder, Driver Seat Mirror Operation Test, Dual-Range LO Indicator, E/G remaining oil warning, EGR Control, EGR Valve Control (Duty), ELCM pump, ELCM switching valve, EPB Active, EPB Hill Hold, EPS Indicator Lamp, Exhaust Control Valve Control, EYESIGHT failure, Fixed Idle Ignition Timing, FM Seek Up/Down, FR Clutch Solenoid, Fresh/Rec Air Dr Act Trgt Open Angle, Front Fog Lamp Indicator, Fuel efficiency gauge (ECO gauge) 1/2 scale command, Fuel efficiency gauge (ECO gauge) 1/4 scale command, Fuel efficiency gauge (ECO gauge) 3/4 scale command, Fuel efficiency gauge (ECO gauge) MAX scale command, Fuel efficiency gauge (ECO gauge) MIN scale command, Fuel Pump OFF, Fuel Pump Relay, Fuel sender E-point command, Fuel sender F-point command, Fuel Warning Lamp, HBA OFF/FAIL, HBA, Heater core temperature setting, Heater Water Temperature Setting, HID auto leveler, High Beam Indicator, Hill start assist OFF/failure indicator, Horn Output, Illumination Lights Test, Immobilizer, Injection

Quantity Control, Injection Stop Mode (Injector 1), Injection Stop Mode (Injector 2), Injection Stop Mode (Injector 3), Injection Stop Mode (Injector 4), Injection Stop Mode (Injector 5), Injection Stop Mode (Injector 6), In-Vehicle Air Temperature Setting, Keyless Buzzer, L range display, LANE OFF, LED LO beam, LED Switch Lighting Test, Left Steering Responsive Headlight, Line Solenoid, lock actual. LOCK output, Lock-Up Duty Solenoid, Low Fuel Warning Indication, LP - EGR Valve Control, Meter 1/2 scale command, Meter 1/4 scale command, Meter 3/4 scale command, Meter E scale command, Meter F-scale command, Mode Door Actuator Opening Angle Target, N range display, Night Brightness Check: Dark, Night Brightness Check: Most Bright, Night Brightness Check: Most Dark, Night Brightness Check: Standard, No-key warning, Noon Brightness Check: Bright, Noon Brightness Check: Dark, Noon Brightness Check: Most Bright, Noon Brightness Check: Most Dark, Noon Brightness Check: Standard, Odometer numerical device display 0, Odometer numerical device display 1, Odometer numerical device display 2, Odometer numerical device display 3, Odometer numerical device display 4, Odometer numerical device display 6, Odometer numerical device display 7, Odometer numerical device display 8, Odometer numerical device display 9, Oil Pressure, P Range Display, Part Number, Passenger Door, Passenger Seat Mirror Operation Test, P-CR OFF, Position light, Power Meter (100%), Power Meter (-100%), Power Windows Tests, Primary Down Solenoid, Primary Up Solenoid, Quantity of Sunload Setting, R range display, Radiator Fan Relay, Range Display Test, Rear Defogger, Rear Differential Inspection Mode, Rear Fog Lamp Indicator, Rear Left Door, Rear Right Door, Recline Motor Backward, Recline Motor Forward, Right Steering Responsive Headlight, ROM ID, Seat Slide Backward, Seat Slide Forward, Secondary Solenoid Current, SET Indicator, Shift Indicator Lamp, Shift Lock Solenoid, Signal Check, Software Information, Software version, Sounder Output, Speedometer test, SRH OFF, SRVD OFF, SRVD, Tachometer test, Temp Gauge: C-Lock, Temp Gauge: C-Point, Temp Gauge: Dial 1 Instructions, Temp Gauge: Dial 2 Instructions, Temp Gauge: H-Lock, Temp Gauge: H-Point, Temp Gauge: Intermediate Stability Indication, Temp Gauge: Z-Point, TPMS Warning Light, Trip meter numerical device display 0, Trip meter numerical device display 1, Trip meter numerical device display 2, Trip meter numerical device display 3, Trip meter numerical device display 4, Trip meter numerical device display 5, Trip meter numerical device display 6, Trip meter numerical device display 7, Trip meter numerical device display 8, Trip meter numerical device display 9, Trunk open, Trunk Unlock Actuator, Turn Left Signal, Turn Right Signal, Up range display, VDC Function Check Mode, VDC OFF indicator, VDC operation/failure indicator, Warning Lamp, Washer Fluid Low Indicator, Water temperature (COOL) indicator, Water temperature (HOT) warning

New Toyota/Lexus Coverage

- Added coverage for 79 new system applications

339 new Adjustment type special tests:

2 Steps Fade Out Control Function, 3rd Center Seatbelt Warning Buzzer Function, 3rd Left Seatbelt Warning Buzzer Function, 3rd Right Seatbelt Warning Buzzer Function, 4th Center Seatbelt Warning Buzzer Function, 4th Left Seatbelt Warning Buzzer Function, 4th Right Seatbelt Warning Buzzer Function, A/C Auto Switch Mode, A/C Operation Limit History Counter Clear, A/T Code Reset, Accumulator Zero Down, aCol Function, Activate The EGR Valve Close Bank 1, Activate The VN Turbo Open Bank 1, Actuator Air Bleeding Pattern, Advanced Park Parallel Parking Control Area, Advanced Park Perpendicular Parking Control Area, AFS (Electronic Swivel) Function, AFS Function, AHS Function, AHS Operation Pattern Setting, AHS Operation Vehicle Speed Setting (Pattern1), AHS Operation Vehicle Speed Setting (Pattern2), AHS Operation Vehicle Speed Setting (Pattern3), Air Bleed, 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 Bleeding, All Readiness, Ambient Temperature Adjustment, AT Code Registration, ATF Thermal

Degradation Estimate Reset, Audio Information Display Function, Auto Door Lock Pattern Setting (Speed), Auto Entry Cancel 2 Setting, Auto Entry Cancel Setting, Auto Wiper, Automatic Door Lock Function, Automatic Door Lock Setting, Automatic Door Unlock Function when D-Door Open, Automatic Door Unlock Setting, Automatic Light Off Timing Setting, Automatic Mirror Fold Setting, Backup Battery Replacement Reset, Bad Weather Function, Battery Status Info Update, Body Control with Torque Demand, Brake Line Air Bleeding, Brightness Level Adjust (Canceling), Brightness Level Adjust (Lowering), Clear Abnormal Operation History, Clearance Warning Buzzer Volume, Customize Setting Initialization, CVT Oil Pressure Calibration, D Seat Lower Back Operation Away Function, D Seat Lower Cushion Operation Away Function, D Seat Lumbar Operation Away Function, D Seat Operation Interference Avoidance Function, D Seat Refresh Level Setting, D Seat Shoulder Operation Away Function, D Seat Side Back Support Operation Away Function, D Side Cushion Support Operation Away Function, D Window Auto Down, D Window Auto Up, Daytime Running Light Function, DCM Operation History, Door Auto Lock Timer Setting, Door Handle Lock Button, Door Key Related Close, Door Key Related Open, Door Key Related Operation, Door Lock Answerback Sound Setting, Door Lock Indicator Function, Door Lock Indicator Pattern Setting (IG OFF), Door Lock Indicator Pattern Setting (IG ON), Door Open SW Operation Adjust, Door Unlock Sensor Touch Time Adjust, Drain System Air Bleeding Pattern, Driver Seat Distance Adjust when Get Off, Driver Seat Lift Up Distance Adjust when Get Off, Driver Seat RA Lumbar Support Oper, Driver Seat RA Pelvis Support Oper, Driver Seat RA Side Support Oper, Driver Seatbelt Warning Buzzer Function, DRL Function, ECO Drive Indicator Zone Display Function (Meter), ECO Drive Indicator Zone Display Function, ECO Mode Control, ECU Calibration, Efficient Ventilation Mode, Electric Parking Brake System: Test Mode Procedure, Electronic Swivel Function, Entry Delay Time, Entry Unlock Twice Function, EPB Initialize, EV Mode Cruising Range Reset, Evaporator Control, Extended Headlight Lighting, Exterior Lights Lighting Timer Setting, Exterior Lights ON Function, Exterior Lights ON when Approached Function, Exterior Lights ON when Door Opened Function, Exterior Lights ON when Door Unlocked Function, Fan speed increment control, FCTA Function ON/OFF State Stored, FCTA Warning Timing State Stored 1, FCTA Warning Timing State Stored 2, FCTA Warning Timing State Stored 3, Flasher Sound Volume Adjust, Forced Actuator Refresh, Forget to Turn IG OFF Alarm Function, Fr/Rr Seat Interference Avoidance Function (D), Front Center Seatbelt Warning Buzzer Function, Front SW Auto Operation, Glass Hatch Open Function, Grill Shutter Control Mode Switching, Grill Shutter Initialization, Grille Shutter Initialization, Hazard Answer Back Function, Headlight ON in Conjunction with Wiper Function, Headlight Upper Shade Angle Setting, Heavy Knock History, Height Sensor Initialization, High Voltage Fuse Accumulated Load History Reset, Ignition Available Area Setting (Back Door Type), Ignition Available Area Setting (Trunk Lid Type), Initialization, Injection Timing Value, Injection Timing, Interior Footwell Lights Function, Interior Illumination Light 2 Function, Interior Illumination Light 3 Function, Interior Lights Lighting Timer Setting, Interior Lights ON Function, Intrusion Sensor 1 Sensitivity Level Adjust, Intrusion Sensor 2 Sensitivity Level Adjust, Intrusion Sensor Reduction in Sensitivity Setting, Intrusion Sensor Sensitivity Level (Window Open), Intrusion Sensor Sensitivity Level, Intrusion Sensor Sound Detection Function, Intrusion Win Opened, Ion Generate Control, IPA Obstacle Avoidance Distance, IPA Parallel Parking Control Area, IPA Perpendicular Parking Control Area, Key Left in Vehicle Alarm Function, Key Low Battery Warning Function, Kick Sensor Operation Function with ACC ON, Lane Change Flashing Times Adjust, Light Auto OFF Delay Setting, Light Blink Clearance Lights at Unlock Function, Light Control Glass Brightness Memory Function, Light Control Glass Voice Control Function, Light up Clearance Lights at Door Unlock Function, Light up Clearance Lights Door Unlock Function, Lock Indicator Lighting Time Adjust, Lost Communication Time Initialization, Low Speed Wide Light Function, Master Caution Display Function, Memory Call Function, Memory Call Link Function, Multi Weather Light Function, Noise and Vibration Reduction, ODO Display Time After IG OFF Adjust, Open Door Warning Function, Operation

History Clear, Outside Air Mode Auto Switch Function, P Window Auto Down From Driver, P Window Auto Down, P Window Auto Up From Driver, P Window Auto Up, P/W Operation Buzzer W/ Transmit Function, Panic Function, Park Wait Time Adjust, Parking Brake Service Mode, Passenger Seatbelt Warning Buzzer Function, Passive Mode (Security System), PCS Alarm Activation Distance Retention Setting 1, PCS Alarm Activation Distance Retention Setting 3, PCS Cooperate Function, PCS Operation State Retention Setting, PCS Reminder Buzzer Sound, PCS Warning Sensitivity Retention Setting, PCS Warning Timing State Stored 3, Pilot Injection Volume Select Cylinder, Pilot Injection Volume Value, Pilot Injection Volume, PKSA (O) Auto Mute Function, PKSA (O) Forward Detection Image Display, PKSA (O) Image Display when Away from the Obstacle, PKSA (O) Judgment of Obstacle on Course, PKSA (O) Switch State Stored, PKSB (O) Function, PKSB (O) Target Stopping Distance, PKSB (P) Function, PKSB (P) Target Stopping Distance, PKSB (P) Width Adjustment (Y Axis), PKSB (V) Function, PKSB (V) Operation Timing Setting, PKSB (V) Sensitivity, PKSB Switch State Stored, Power Saving Wait Time(Out Of Entry Range), Power Steering ECU Initial Setting, Power Supply Air Bleeding Pattern 1, Power Supply Air Bleeding Pattern 2, Power Window Voice Control Function, Projection Adjustment (Distortion), Projection Adjustment (Keystone), Projection Adjustment (Tilt), Proposal Service Frequency Adjust, Proposal Service Volume Adjust, Proposal Services Function, PSD Buzzer Function (LH), PSD Buzzer Function (RH), PSD Kick Sensor Sensitivity Adjust (LH), PSD Kick Sensor Sensitivity Adjust (RH), PSD One Touch SW Adjust (LH), PSD One Touch SW Adjust (RH), PSD One Touch SW Function (LH), PSD One Touch SW Function (RH), PSD SW Operating Condition Setting (LH), PSD SW Operating Condition Setting (RH), PSD Wireless Function (LH), PSD Wireless Function (RH), PSD Wireless One Motion Function (LH), PSD Wireless One Motion Function (RH), PSD Wireless SW Setting (LH), PSD Wireless SW Setting (RH), R Wiper Stop Function at Back Door/Trunk Lid Open, Rain Mode, Rear Center Seatbelt Warning Buzzer Function, Rear Left Seatbelt Warning Buzzer Function, Rear Right Seatbelt Warning Buzzer Function, Rear Seatbelt Warning Buzzer Function, Rear Sunshade linked with Shift Lever R Funct, Rear SW Auto Operation, Rear Wiper Washer Function, Rear Wiper with Reverse Setting, Refrigerant Pressure History Clear, Refrigerant Shortage Check, Register Transmitter ID, Remote Air Conditioner Start Setting, Remote Air Conditioner Stop Setting, Remote Door Lock Setting, Reset Memory, Residential Area Mode Setting, Response Time Adjust, Reverse Buzzer Setting, Reverse Coupled Actuation Mirror Angle (P-Side), Reverse Coupled Actuation Mirror Angle Setting, Right Headlight Shade Angle Setting, RL Window Auto Down From Driver, RL Window Auto Down, RL Window Auto Up From Driver, RL Window Auto Up, RR Window Auto Down From Driver, RR Window Auto Down, RR Window Auto Up From Driver, RR Window Auto Up, Seat Airflow Mode Setting, Seat Position Voice Control Function, Seat position/Tilt Telesco memory recall setting, Seat Switch Link Function, Seat Travel Distance, Security Control with Mechanism Key Function, Sensitivity Adjust, Servomotor Initialization, Set Temperature Shift, S-FLOW Control Auto Function, Shade Upper Area Lighting Function, Shift Lever R Signal Delay Time Adjust, Shift Linked Automatic Door Lock Function, Shift Linked Automatic Door Unlock Function, Slide Link Cushion Length Ctrl, Slide Link Hdrest Length Ctrl, Slide Roof Open Warning Function, Slide Roof Voice Control Function, Speed Limit Display Function, Speed Linked Automatic Door Lock Function, Speed Linked Automatic Door Unlock Function, Start Indicator Function, Start Off Mode, Start Switch Light Function, Switch Battery Type, Switch Grille Shutter Control Mode, Switch Oil Maintenance Display, Tail Remind Buzzer Function, Telematics Microphone Volume Adjust, Telematics Speaker Volume Adjust, Tire Circumference Setting, Tire Pressure Sensor Registration, Torque Sensor Adjustment, Touch Activation Over Threshold, Town Mode, Traffic Sign Recognition Animation Function, Trunk Lid Linked with Door Lock Function, Trunk Lid Open Mode Function, Trunk Lid Operation by Electrical Key Function, Trunk Lid Operation by Entry Function, Tunnel Beam Function, Turn by Turn Animation Function, Ultrasonic Sensor (Front Center) Detection Range, Ultrasonic Sensor (Front Corner) Detection Range, Ultrasonic Sensor (Rear Center) Detection Range, Ultrasonic Sensor

(Rear Corner) Detection Range, Ultrasonic Sensor (Side) Alarm Detection Range, Ultrasonic Sensor (Side) Alarm Function, Ultrasonic Sensor Actuation (Shift N), Unlock Key Twice Function, 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, Voice Guidance Function, Walk Away Lock after Getting Out Func (Closing), Walk Away Lock after Getting Out Function, Warning by Glass Broken Sensor, Warning by Horn Function, Warning by Horn, Window Open Warning Function, Wiper Specification Switch, Wiper Voice Control Function, Wireless Backdoor Open Operation Adjust, Wireless Buzzer Response Function, Wireless Buzzer Volume Setting, Wireless Control Function, Wireless Glass Hatch Open Operation Adjust, Wireless Key Related Close, Wireless Key Related Open, Wireless Key Related Operation, Wireless Lock Function with Doors Open, Wireless Trunk Lid Open Operation Adjust, Wireless Unlock Twice Function, Zero Point Calibration

706 new Actuation type special tests:

2nd START Indicator, 4LO Indicator, 4WD AUTO Indicator, 4WD Indicator (Green), 4WD Indicator (Yellow), 4WD Lock Indicator, 4WD Warning Light, 4WD Warning, ABS Front Left Hold Solenoid, ABS Front Left Release Solenoid, ABS Front Right Hold Solenoid, ABS Front Right Release Solenoid, ABS Rear Left Hold Solenoid, ABS Rear Right Hold Solenoid, ABS Rear Right Release Solenoid, ABS Solenoid (SRLR), ABS Solenoid Test, ABS Solenoid, ABS Warning Light, ABS Warning, A-C Driving Demand, ACM Inhibit, Activate S1 Solenoid, Activate S2 Solenoid, Activate S3 Solenoid, Activate S4 Solenoid, Activate SL Solenoid, Activate SL1 Solenoid, Activate SL2 Solenoid, Activate SL3 Solenoid, Activate SL4 Solenoid, Activate SL5 Solenoid, Activate SLT Solenoid, Activate SLU Solenoid, Activate SR Solenoid, Activate the (Inverter) Water Pump, Activate the Circuit Relay, Activate the Coolant Water Route Switching Valve 2, Activate The Coolant Water Route Switching Valve, Activate The Electric Water Pump, Activate the Engine Oil Pressure Control Valve, Activate the EVAP Purge VSV, Activate The Fuel Filler Opener, Activate the Fuel Pressure Discharge, Activate The Fuel Vapor-Containment Valve, Activate the Slip Indicator Light, Activate The Solenoid (SC1), Activate The Solenoid (SC2), Activate the Solenoid (SC3), Activate the Solenoid (SL6), Activate The Solenoid (SLC), Activate The Solenoid (SLG), Activate the Solenoid (SLS) High/Low, Activate the Solenoid (SLS) MAX/MIN, Activate The Solenoid(Sc), Activate The Solenoid(Slp), Activate the TC Terminal, Activate The Vacuum Pump, Activate The VSV For Intake Control, Activate The VSV For Swirl Control Valve, Activate The VSV For Vent Valve, Active TRC Indicator, ACTIVE TRC Warning, Advanced Parking Guidance Indicator, AFS Indicator (Malfunction) Display, AFS OFF Indicator, AHS LH High Beam, AHS RH High Beam, Air Bypass Valve Bank 2, Air Bypass Valve Solenoid, Air Inlet Damper Control Servo Motor, Air Suspension Indicator (HI), Air Suspension Indicator (LO), Air Suspension Indicator (N), Airbag Warning, All Indicator, Alternator Voltage Control, ARS Warning Light, ASL Indicator, ASL Warning, AST Indicator, A-T Indicator Operation (2), A-T Indicator Operation (3), A-T Indicator Operation (4), A-T Indicator Operation (B), A-T Indicator Operation (D), A-T Indicator Operation (L), A-T Indicator Operation (N), A-T Indicator Operation (P), A-T Indicator Operation (R), A-T Indicator Operation (S), A-T Indicator Operation (Sport M), A-T Indicator Operation (Sport S), A-T Oil Temperature Warning, A-T P Warning, A-TRC(TRAC) Indicator Light, Auto Air Conditioner Indicator, Auto Leveling Headlamp Indicator, Auto LSD Indicator Light, Auto LSD Indicator, Auto Mode, Auto Power OFF Cancel, Automatic High Beam Indicator (Green), Automatic High Beam Indicator (Yellow), Automatic High Beam Switch Light, Auxiliary Battery Warning, AVS Comfort Indicator, AVS Sports Indicator, Back Door Sensor Power Supply, Beep, BH Operated Light, BH Standby Indicator, Blower Level, Brake Hold Indicator, Brake Override Warning, Brake Warning Light, Brake Warning, BSM Indicator, BSM OFF Indicator, BSM Warning, Buzzer For Accessory Output, Buzzer Operation (1.6khz, Vol S, W-O Damping), Buzzer Operation (2.0khz, Vol S, W-O Damping), Buzzer Operation (2.4khz, Vol L, W-O Damping), Buzzer Operation (800hz, Vol L, W-Damping), Buzzer Operation (800hz, Vol L, W-O Damping), Buzzer Operation (800hz, Vol S, W-

Damping), Buzzer Operation (800hz, Vol S, W-O Damping), Buzzer, Cancel Communication Function Pausing, Cargo Light, Center DIFF LOCK Indicator, Charge Indicator, Charge Warning (Red), Charge Warning, Check Engine Warning, Check Mode, Clearance Light (+ Front Side Marker Light), Clearance Light, CNG Mode Indicator, Collision Door Lock Release, Color Test Screen (Adjustment), Color Test Screen (Black), Color Test Screen (Blue), Color Test Screen (Color Bars), Color Test Screen (Green), Color Test Screen (Red), Color Test Screen (White), Compression Test, Connect The TC And TE1, Control the ACIS VSV Motor Duty Ratio, Control The ACM Inhibit, Control The EGR Step Position Bank 1, Control The EGR Step Position, Control the Electric Thermostat Duty Ratio, Control the Engine Cooling Fan Duty Ratio, Control The ETCS Open/Close Fast Speed, Control The ETCS Open/Close Slow Speed, Control the Exhaust VVT OCV Duty Ratio Bank 1, Control the Exhaust VVT OCV Duty Ratio Bank 2, Control The Fuel Pump Duty Ratio (Brushless), Control the Fuel Pump Duty Ratio, Control The Injection Mode, Control The Injection Volume For A/F Sensor, Control the Intake VVT OCV Duty Ratio Bank 1, Control the Intake VVT OCV Duty Ratio Bank 2, Control the Motor/Generator Cooling Oil Pump, Control the Shift Area (CVT), Control the Target Fuel Pressure Offset, Control the Transmission Oil Pump, Control the Wastegate Valve Duty Ratio, Coolant Cool Warning Lamp, Coolant Hot Warning Lamp, Cooling Electric Expansion Valve, Cornering Lamp Test, Cornering Light-Front Side Illuminate Light (Dim), Cornering Light-Front Side Illuminate Light, Courtesy Light, Crawl Control Light, CRAWL Indicator, CRAWL Warning, Cruise Control-PCS-LKA Buzzer, Cruise Indicator (Yellow), Cruise Indicator, Cushion Length, D-4S (A/F Control), D-4S (Fuel Cut), D-4S (Injection Volume), DAB Indicator Light, Daytime Running Light, DCM Firmware Update, D-Door Unlock, Delivery Heater, Diesel Particulate Filter Warning, Diesel Throttle Target Angle Bank 1, Dimmer Signal, Door Lock, Door Open Warning, Door Unlock, Double Lock Unset, Downhill Assist Control Indicator, Downhill Assist Control Light, Downhill Assist Control Warning, Drift From The Lane Indicator, Drift From The Lane Warning, Drive The Leveling Motor, Driver Seat Sensor Power Supply, Driver Side Seat Belt Warning, DSS Signal Buzzer, Easy Access Buckle, EBS Relay, ECB Control Invalid, ECB Main Relay 2, ECB Main Relay, ECB Motor Relay, ECB Motor Relay2, ECB Solenoid (SC1), ECB Solenoid (SC2), ECB Solenoid (SCC), ECB Solenoid (SGH), ECB Solenoid (SLA) Valve Close, ECB Solenoid (SLA), ECB Solenoid (SLAFL) Valve Close, ECB Solenoid (SLAFL) Valve Open, ECB Solenoid (SLAFL), ECB Solenoid (SLAFL2), ECB Solenoid (SLAFR) Valve Close, ECB Solenoid (SLAFR) Valve Open, ECB Solenoid (SLAFR), ECB Solenoid (SLAFR2), ECB Solenoid (SLARL) Valve Close, ECB Solenoid (SLARL) Valve Open, ECB Solenoid (SLARL), ECB Solenoid (SLARL2), ECB Solenoid (SLARR) Valve Close, ECB Solenoid (SLARR) Valve Open, ECB Solenoid (SLARR), ECB Solenoid (SLARR2), ECB Solenoid (SLR) Valve Close, ECB Solenoid (SLR), ECB Solenoid (SLRFL) Valve Close, ECB Solenoid (SLRFL) Valve Open, ECB Solenoid (SLRFL), ECB Solenoid (SLRFL2), ECB Solenoid (SLRFR) Valve Close, ECB Solenoid (SLRFR) Valve Open, ECB Solenoid (SLRFR), ECB Solenoid (SLRFR2), ECB Solenoid (SLRRL) Valve Close, ECB Solenoid (SLRRL) Valve Open, ECB Solenoid (SLRRL), ECB Solenoid (SLRRL2), ECB Solenoid (SLRRR) Valve Close, ECB Solenoid (SLRRR) Valve Open, ECB Solenoid (SLRRR), 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 Solenoid, ECB Utility, ECB Warning Indicator, ECB Warning, ECO Mode Indicator, ECONO Indicator, ECT PWR Indicator, ECT SNOW Indicator, Electrical Fan, Emergency Call Cancellation, Emergency Exit Warning, EPB Auto OFF Indicator, EPB Control Switch, EPS Warning, EV Drive Indicator, EV Mode Indicator, Extended Illumination 1, Extended Illumination 2, Foot Light, Fr Control Rear Air Outlet Damper Servo Motor, Front Air Mix Damper Control Servo Motor, Front Air Outlet Damper Control Servo Motor, Front Buzzer, Front Deicer Relay, Front Evaporator Magnetic Valve, Front Fog Lamp Indicator, Front Fog Light, Front Footwell Lights, Front Left Air Mix Damper Control Servo Motor, Front Left Air Outlet Damper Control Servo Motor, Front Left Seat Blower, Front Left Seat Heater, Front Right Air Mix Damper Control Servo Motor, Front

Right Air Outlet Damper Control Servo Motor, Front Sliding Sunshade, Front Vertical Operation, Front Washer Relay, Front Wiper Hi Operation, Front Wiper Lo Operation, Fuel Cap Reminder Warning, Fuel Filter Warning, Fuel Gauge Indicator, Fuel Gauge Operation (1-2), Fuel Gauge Operation (1-4), Fuel Gauge Operation (3-4), Fuel Gauge Operation (Empty), Fuel Gauge Operation (Full), Fuel Gauge Operation (Sender E), Fuel Gauge Operation (Sender F), Fuel Gauge Operation (Warning), Fuel Gauge Operation For CNG (1-2), Fuel Gauge Operation For CNG (1-4), Fuel Gauge Operation For CNG (3-4), Fuel Gauge Operation For CNG (Empty), Fuel Gauge Operation For CNG (Full), Fuel Gauge Operation For CNG (Sender E), Fuel Gauge Operation For CNG (Sender F), Fuel Gauge Operation For CNG (Warning), Fuel Lid Lock Relay, Fuel Pump - Duty Cycle, Fuel Pump Single Phase Energization, Fuel Warning (CNG), Glass Hatch Open, GLOW Warning, Go To Service Warning, Green Indicator, H/B Motor Relay, Head Up Display Indicator, Headlamp Indicator, Headlight Cleaner, Headlight Indicator, Headlight Leveling Indicator Display, Headlight Leveling Indicator, Headlight Leveling Initialize Incomplete Display, Headlight Relay, Headlight Relay-Light Power Supply Relay, Headlight System Malfunction Display, Headrest Front-Rear, Headrest Motor, Heater Valve, Heating Electric Expansion Valve, Height High Indicator, Height High Warning, High Beam Headlight, High Beam Indicator, High Pressure Magnetic Valve, High-Beam Headlights, Hold Indicator, HV System Indicator (0%), HV System Indicator (100%), HV System Indicator (200%), HV System Indicator (300%), HV System Indicator (400%), HV System Indicator (-50%), HV System Indicator (MAX), HV System Indicator (MIN), HV Unit Hot Warning, HV-EV System Indicator (0%), HV-EV System Indicator (100%), HV-EV System Indicator (200%), HV-EV System Indicator (300%), HV-EV System Indicator (400%), HV-EV System Indicator (-50%), HV-EV System Indicator (MAX), HV-EV System Indicator (MIN), Hybrid Battery Charge, Hybrid System Warning, Hydrogen Leak Warning, ICS OFF Warning, IG OFF P-W Control Permission Output, Illuminated Entry System, Immobilizer Indicator, iMT Indicator (Green), iMT Indicator (Yellow), Indicat. Lamp VSC OFF, Initial Axis Adjust Value Display, Injection Timing Select Cylinder, Injection Volume, Injector Compensation, Inside Handle Illumination, Inside Luggage Tuner Power Supply, Inspection Mode, Intercooler Water Pump Relay, Intrusion Sensor Power, Intrusion Sensor, INTUITIVE P-A LCD Indicator, INTUITIVE P-A LCD OFF Indicator, Ion Generator, KDSS Warning, Key Cylinder Illumination, LDA Buzzer, LDA Indicator (White), LDA Indicator, LDA Steering Control Indicator, LDA Warning, LED Headlamp Warning, Left LDA Indicator, Left LDA Warning, Left Turn Signal Indicator, Left Turn Signal Lamp, Lift Up Buckle, Lifter Operation, Light Control Glass Relay, Light Control Switch (DOWN), Light Control Switch (Single), Light Control Switch (UP), Limited Power Indicator, Lithium Battery Check Indicator, Lithium Battery Hot Indicator, Load Specification Information, Low Beam, Low Pressure Magnetic Valve, Low-Beam Headlights, Lower Back, Lower Cushion, LPG Indicator, Luggage Mode Indicator (Yellow), Luggage Mode Indicator, Lumbar Bottom, Lumbar Lift, Lumbar Middle, Lumbar Slide, Lumbar Upper, Maintenance Warning, Master Warning, Meter Day Mode Switch, Meter Display (0), Meter Display (1), Meter Display (2), Meter Display (3), Meter Display (4), Meter Display (5), Meter Display (6), Meter Display (7), Meter Display (8), Meter Display (9), Meter Display (All), Mirror Fold Signal, Mirror Fold, Mirror Heater, Mirror Left/Right, Mirror Return Signal, Mirror Return, Mirror Up/Down, MMT E Mode Warning, Motor Relay Control, Motor Relay, Multi Display All (White), Multi Display Default Screen, Multi Display Select Switch, Multi Switch (Back), Multi Switch (Down), Multi Switch (Enter), Multi Switch (Left), Multi Switch (Right), Multi Switch (Top), Multi Switch (Up), Navi CVT Indicator, Night View Indicator, O-D OFF Indicator, ODO-TRIP Change Switch, OFF Road Guidance Indicator, OFF Road Guidance Warning, Oil Level Warning, Oil Pressure Meter Operation (1-2), Oil Pressure Meter Operation (1-4), Oil Pressure Meter Operation (3-4), Oil Pressure Meter Operation (HIGH), Oil Pressure Meter Operation (LOW), Oil Pressure Warning, Outer Mirror Reverse Light, Outside Mirror Footwell Lights, Over Speed Indicator, Overhead Tuner Power Supply, P Manual SW LED, P Range Indicator, Pager For Accessory Output, Panel Light, Park Warning, Passenger Seat Sensor Power Supply, Passenger Side Seat Belt Warning, PCS

OFF Warning, PCS Warning, Pedestrian Protection Warning, Pelvis Support Operation, PKB Full Release Control, PKB Light, PKB Lock Control, PKB Release Control, Power For Intrusion Sensor2, Power For Tilt Sensor, Power Windows, PPS Solenoid, PPS Warning, Pre Crash Brake OFF Light, Pre-Charge Pump, Prohibit the Catalyst OT Misfire Prevent Fuel Cut, Prohibit the Idle Fuel Cut, PTC Heater, Pump Check Pattern, Radar Cruise Approach Alarm Buzzer, Radar Cruise Indicator (Yellow), Radar Cruise Indicator, Radar Cruise Proximity Warning Buzzer, Radar Cruise Stop Buzzer, Radar Cruise Stop Keeping Announce Buzzer, RCD OFF Indicator, RCTA Indicator, RCTA OFF Indicator, Ready Indicator, Rear Air Mix Damper Control Servo Motor, Rear Blower Level, Rear Buzzer, Rear Defogger Relay, Rear DIFF LOCK Indicator, Rear Driver Side Sensor Power Supply, Rear Fog Lamp Indicator, Rear Fog Light, Rear Inner Wheel Control Indicator, Rear Inner Wheel Control Warning, Rear Left Seat Heater, Rear Light Indicator, Rear Passenger Side Sensor Power Supply, Rear Right Air Mix Damper Control Servo Motor, Rear Right Seat Heater, Rear Seat Belt Warning, Rear Seat Lumbar Adjustment, Rear Washer Relay, Rear Welcome Light, Rear Wiper Operation, Red Indicator, Reductant Discharge, Reductant Filling (Pressure Keep), Reductant Injection Valve, Reductant Pipe Heater, Reductant Pump Check (Backward), Reductant Purge, Reductant Tank Heater, Reductant Warning, Refresh B1, Refresh B2, Refresh B3, Refresh B4, Refresh B5, Refresh C1, Refresh C2, Refresh C3, Refresh C4, Refrigerant Gas Volume Check, Relay for Interior Light Auto Cut Function, Reverse Signal, Ride Mode Indicator, Right Front Seat Heater, Right LDA Indicator, Right LDA Warning, Right Turn Signal Indicator, Right Turn Signal Lamp, Seat Backrest Recline, Seat Memory Light, Seat Slide Operation, Security Horn 2, Security Horn, Security Indicator, Self Power Siren, SET Indicator, Shift-By-Wire Warning, Shoulder, Shutter Closing Operation Fixed Length, Shutter Closing Operation Lock Detection, Shutter Half-Open Operation, Shutter Opening Operation Fixed Length, Shutter Opening Operation Lock Detection, Side Back Support, Side Cushion Support, Side Support Operation, Signal Check, SIL Indicator (Down), SIL Indicator (Up), Slide Roof, Slip Indicator Light, Slip Warning, Smart System Indicator, Smart System Warning, SOC Gauge (1-2), SOC Gauge (1-4), SOC Gauge (3-4), SOC Gauge (MAX), SOC Gauge (MIN), SOC Warning, Solenoid Relay, Speed Signal Input (0), Speed Signal Input (120), Speed Signal Input (160), Speed Signal Input (200), Speed Signal Input (240), Speed Signal Input (280), Speed Signal Input (320), Speed Signal Input (360), Speed Signal Input (40), Speed Signal Input (400), Speed Signal Input (80), Speedometer Operation (0km-H,0mph), Speedometer Operation (120km-H,120mph), Speedometer Operation (160km-H,160mph), Speedometer Operation (200km-H,200mph), Speedometer Operation (240km-H,240mph), Speedometer Operation (280km-H,280mph), Speedometer Operation (320km-H,320mph), Speedometer Operation (360km-H,360mph), Speedometer Operation (400km-H,400mph), Speedometer Operation (40km-H,40mph), Speedometer Operation (80km-H,80mph), Sport Indicator (CVT Sport), Start SW Light Power Supply, Steering Heater Indicator (Yellow), Steering Heater, Steering Wheel Vibration, Stop And Start OFF Indicator, Stop And Start ON Indicator, Stop Lamp Relay, Stop Light Relay, Stop light System Indicator Light, Stroke Simulator Cut Valve Pattern, Sub Fuel Gauge Operation (1-2), Sub Fuel Gauge Operation (1-4), Sub Fuel Gauge Operation (3-4), Sub Fuel Gauge Operation (Empty), Sub Fuel Gauge Operation (Full), Sub Fuel Gauge Operation (Sender E), Sub Fuel Gauge Operation (Sender F), Tachometer Operation (0rpm), Tachometer Operation (10000rpm), Tachometer Operation (2000rpm), Tachometer Operation (3000rpm), Tachometer Operation (4000rpm), Tachometer Operation (5000rpm), Tachometer Operation (6000rpm), Tachometer Operation (7000rpm), Tachometer Operation (8000rpm), Tachometer Operation (9000rpm), Tailgate Open, Taillamp Indicator, Taillight-Clearance Light, Test The Turbo Charger Step Motor Bank 1, Timer Switch (00), Timer Switch (H), Timer Switch (M), Timer Switch (Single), Timing Belt Warning, Tire Pressure Indicator, Tire Pressure Warning System Indicator, Tow Haul Indicator, TPMS Warning Light, Trac Motor Relay, TRAC Solenoid (SPFL), TRAC Solenoid (SPFR), TRAC Solenoid (SRCF), TRAC Solenoid (SRGR), TRAC Solenoid (SRMF), TRAC Solenoid (SRMR), Trailer Reverse Assistant Light, TRC

OFF Indicator Light, Trip Reset Switch, Vehicle Approach Warning OFF Indicator, Vehicle Horn, Vehicle Proximity Notification System Warning, Vehicle Stop Warning, VGRS Warning, Volt Meter Operation (0V), Volt Meter Operation (12V), Volt Meter Operation (15V), Volt Meter Operation (18V), Volt Meter Operation (3V), Volt Meter Operation (6V), Volt Meter Operation (9V), VSC OFF Indicator Light, VSC OFF Indicator, VSC Solenoid, VSC TRC Indicator, 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), VSC-TRAC Solenoid (SMF), VSC-TRAC Solenoid (SMR), Washer Nozzle Heater, Washer Warning, Water Level Warning, Water Pump, Water Temperature Meter Operation (110C,230F), Water Temperature Meter Operation (120C,248F), Water Temperature Meter Operation (127C,260F), Water Temperature Meter Operation (50C,122F), Water Temperature Meter Operation (60C,140F), Water Temperature Meter Operation (70C,158F), Water Temperature Meter Operation (80C,176F), Water Temperature Meter Operation (Middle), Wiper Power Relay, Wireless Buzzer

New Coverage Details – USA European

New Alfa Romeo Coverage

62 new Adjustment type special tests:

ABS Unit Bleed, Actuator Calibration, Back Lighting, Brake Fluid Replacement/Brake Fluid Reservoir Substitution, Calibrate Tandem Master Cylinder Sensor, Caliper EPB substitution, Clear TPM Sensor Rolls Test Results, Clear TPM Sensor Warnings, Close Door Calibration, Downstream Lambda Sensor Heater Self-learning Reset, DTCM Replacement, Electric Park Brake Management, Enable Brake Pedal, Enable/Disable The Roll Bench Mode, EPB Assembly Check, Exit Logistic Mode, Exit Shipping Mode, Fire Protection System Activate, Front Axle Nominal Tire Pressure, Front Brake Disc Substitution, Front Caliper Substitution, Heated Seat NTC Validation, HVAC Actuator Calibration Test, HVAC FGA Self Learning Motors Test, Initialize EPS, Intake Lambda sensor adaptive parameters reset, Longitudinal And Lateral Sensor Calibration, Modify Volumetric Sensors Sensitivity, Oil Change, Oil Service Reset, Open Door Calibration, Original VIN Lock, Power Take - Off Unit Replacement, Pressure Sensor Calibration, Production State, Proxi Configuration Alignment, Proxi Configuration, RDU Replacement, Rear Axle Nominal Tire Pressure, Rear Brake Disc Substitution(Continental), Reset Adaptive Data, Reset Angle Offset, Reset ECU, Reset Fuel Rail Bleed Procedure, Reset of VCM Bad Programming Snapshot, Reset oil life monitoring parameter, Reset Parameters to Default, Reset Service Information, Seat Belts Alarm Enable, Seat Belts Alarm Exclusion, Settling Group Caliper and Brake Pads, Throttle Body Self-Learn Activation, Tire Pressure Sensor Registration, TPM Pressure Update to Placard Value, TPMS Calibration, Trailer Hook Presence Disabling, Trailer Hook Presence Enabling, Update Front and Rear Axle Nominal Tire Pressure Values, VCM Adaptive Parameter Reset After Block Change, VCM Adaptive Parameter Reset After Oil Change, VIN Lock, Write VIN

921 new Actuation type special tests:

"EOBD" (Electronic On Board Diagnostic) failure indication, 1st Row Ceiling Light, 2nd Row Ceiling Light, 2WD Rolls Mode, 3rd Row Ceiling Light, 4th Row Ceiling Light, A/C Request, ABS (Anti-lock Brake System) safety indication, ABS Lamp, ABS Safety indication, ABS Safety lamp, A-C Request, Actuate All Heaters, Air Conditioner Relay Command, Air Defrost Motor Distribution (Left side), Air Defrost Motor Distribution (Right side), Air Distribution Motor Command (Mode), Air Mix Motor, AIR Mixing Motor Command (Left SIDE), AIR Mixing Motor Command (Right Side), Air

Mode Motor, Air Rear Motor Distribution, Air Recirculation Motor Command, Air Vent - Floor Motor Distribution (Left side), Air Vent - Floor Motor Distribution (Right side), Airbag failure indication, Alarm/Doors Status Led, Alarm/Doors Status/Deterrence LED, Alarm-Doors Status-Deterrence LED, All Lights Front Command, All Lights Rear Command, All Stop Lights (EMEA 949), All Stop Lights (EMEA 952), All Stop Lights (NAFTA 949), All Stop Lights (NAFTA 952), ALL Stop Lights Command, All Stop Lights W-Combined Rear Lighting, All Stop Lights W-O Combined Rear Lighting, All Stop Lights, All Turn Lights Command, Ambient dimming command, Ambient Dimming, Ambient Illumination; Interior, Ambient Light, Ambient Lighting Command, AMP Output Short Test, AMP Output Tone Test, Antenna Power, Antilock brake (ABS) failure indication, Anti-lock Brake System (ABS) safety indication, ASR Button lamp, ASR-ESP Safety indication, ASR-ESP Safety Lamp, Assist Call Button Green LED, Assist Call Button Red LED, Assist Call Green Day PWM, Assist Call Green Night PWM, Assist Call Red Day PWM, Assist Call Red Night PWM, Audio Measure AC and DC, Audio Routing, Audio Test For Subwoofer Specific, Audio Video Signal Detection, Audio Volume (Current Source), Audio Volume (current source), Audio Volume (ENT), Audio Volume (INFO 1), Audio Volume (INFO 2), Audio Volume (SIG), Auto high beam activation, Autocheck, Automated Driver Door Ajar Signal, Automated Driver Door Open, Automatic Functions Activation, Automatic High Beam, Background LED Illumination Level, Backlight 1 Level, Backlight 2 Level, Backlight 3 Level, Backlight 4 Level, Backlight 5 Level, Backlight 6 Level, Backlight 7 Level, Backlight 8 Level, Backlight Command (Day Night Internal Light), Backlighting Dimming Command, Backlighting LEDs, Backlighting, Backup Light, Backup Lights, Balance Level Settings, Balance Settings, Bargraph, Bass Level Settings, Bass Settings, Battery-Alternator FAIL-Charge, Blow By Heater Relay Command, Blow-by Heater command, BLOWER Motor Brushed, BLOWER Motor Brushless, Blower Motor Command, Blower Motor Speed, Blower Motor, Blue Lights, Brake Sys Fail Ind,Elec PK Brk Indication And EPB Fail Indicati, Brake Sys Fail Indication, Electronic Parking Brake Indication, Brake System Fail Indicator, EPB Indicator, Brake System Failure [EMEA Only], Brake System Failure [US Only], Brk Sys fail Ind (EBD Included) - Man Park Brk Ind, Brk Sys fail Indication, Elec Park Brk Ind, Brk Sys fail Indication,Elect Park Brk Ind and EPB fail Ind, Button LEDs, Button symbol Back-Light PWM Duty, Buzzer Control, Buzzer, Cabin AIR Temperature Sensor Blower, Calibration Sensor, Camshaft Valve Control Position inlet command, Camshaft Valve Control Position outlet command, Ceiling Light Front Command, Ceiling Light Front, Ceiling Light Rear Left or Central, Ceiling Light Rear Left, Ceiling Light Rear Right, Ceiling Light, Central high mounted Stop Light (CHMSL), Central high mounted Stop Light, Central Lock, Central Stop Lamp, Central Unlock, Channel 1, Channel 10, Channel 11, Channel 12, Channel 2, Channel 3, Channel 4, Channel 5, Channel 6, Channel 7, Channel 8, Channel 9, CHSML and Stop/Turn Lights, Clearance Identification Lights Relay, Comfort Closing And Opening, Comfort ClosingOpening, Comfort ENABLE Command, Comfort Enable, Command By-Pass Valve, Command Key Unlock, Command Shift Lock, Control chime, Cooling Fan, Cruise control lamp command, D+ Repetition Relay Command, Damper Front Left Command, Damper Front Right Command, Damper Rear Left Command, Damper Rear Right Command, Day Lights Left - Right, Day Lights Left -Right, Day Lights Left, Day Lights Right, Day Lights, Day Run Light (DRL) Parking Light Left (Halogen), Day Run Light (DRL) Parking Light Left (Xeno), Day Run Light (DRL) Parking Light Left LED, Day Run Light (DRL) Parking Light Left, Day Run Light (DRL) Parking Light Right (Halogen), Day Run Light (DRL) Parking Light Right (Xeno), Day Run Light (DRL) Parking Light Right LED, Day Run Light (DRL) Parking Light Right, Day Run Light (DRL) Parking Turn Light Left, Day Run Light (DRL) Parking Turn Light Right, Daylights and Position Left, Daylights and Position Right, Daylights Halogen Left, Daylights Halogen Right, Daylights Xenon Left, Daylights Xenon Right, Deactivation Parking Sensor LED, Deactivation Parking Sensor, Dead Lock Relay, DeadLock Relay, DeadLock Relay-Independent Driver Door Unlock, Defeat Engine ON, Diagnosis Module for Tank Leakage (DMTL) command, Diesel Particulate Filter Lamp Command, Dimming display, Dimming Graphics, Direct Injection Valve 1 Command, Direct Injection Valve 2 Command,

Direct Injection Valve 3 Command, Direct Injection Valve 4 Command, Direct Injection Valve 5 Command, Direct Injection Valve 6 Command, Display Dimming, DNA Status LED 3, Door Ajar Signal To Front Ceiling Dome, Door Ajar, Door Handle Power Control, Door Handle Power, Door Handle Verification Test, Door Locks, Door Status LED Command, Door Status Led, Doors Status - Deterrence LED Driver Door, Doors Status - Deterrence LED Passenger Door, Doors status - deterrence LED, Downstream lambda probe heater command, Drive Style 2 LED Command, Drive style 2 LED, Drive Style 3 LED Command, Drive style 3 LED, Driver Door Ajar Signal To Manual Transmission Automated, Driver Door Ajar Signal To MTA (Manual Transmission Automated), Driver Door Ajar Signal To MTA, Driver Door Handle And Puddle Light LED Command, Driver Door Lock Status LED Command, Driver Door Unlock, Driver Doors Status - Deterrence LED, Driver Heated Seat, Driver Seat Backrest Command, Driver Seat Lift Command, Driver Seat Slide Command, Driver Seat Tilt Command, Drivers Window Control, DRL - Front Park Lights, DRL Left, DRL Parking Light Left Command, DRL Parking Light Right Command, DRL Right, DSU LED Command 1, DSU LED Command 2, DSU LED Command 3, Dump valve command, EBD (Electronic Brake Distribution) safety indication, EBD Safety Lamp, E-Call Button Backlight LED, E-Call Button Green LED, E-Call Button Red LED, E-Call Green Day PWM, E-Call Green Night PWM, E-Call Red Day PWM, E-Call Red Night PWM, ECO Led Command, ECO LED, ECO-LPG-SS-E-Costing LED Command, EGR cooler bypass command, EGR high pressure cooler bypass command, EGR Valve Command, Elec Stabil Ctrl (ESC) Sys Intrvntn - fail Ind HILL HOLDER Sys, Electric Park Brake, Electric Pump Drive Unit Command, Electric seat movement Relay, Electric Seat Movimentation Relay, electromagnetic brake for engine stop command, Electronic Brake Distribution (EBD) safety indication, Electronic Parking Brake (EPB) Failure Indication [US Only], Electronic Parking Brake (EPB) failure indication, Electronic Power Steering Fail, Electronic Stability Control (ESC) Fail, Electronic Stability Control (ESC) Indicator, Electronic Stability Control (ESC) OFF lamp indication, Electronic Stability Control (ESC) Off, Electronic Stability Control (ESC) system deactivation, Electropump motor command, Electrovalve Clutch Command (K2), Electrovalve Odd Gear Command (K1), Enable sunroof unit, Engagement electrovalve PPV1 command (3rd/2nd/Reverse), Engagement electrovalve PPV1 command (6th-7th-R-5th), Engagement Electrovalve PPV2 Command (1st/4th/5th/6th), Engagement electrovalve PPV2 command (2nd-3rd-4th-1st), Engine Oil Pressure Lamp Command, Engine Speed Cluster, Engine Water Over Temperature Lamp Command, Engine Water Over Temperature, EOBD (Electronic On Board Diagnostic) Failure Indicator, EOBD And Engine System Fault Lamp, EPB (Electric park brake) Button Led, EPB (Electric park brake) Red lamp, EPB (Electric park brake) Yellow lamp, EPB Failure Lamp, EPB Function Lamp, EPB Indicator And EPB Fail Indicator, EPB switch lamp, EPB Warning Light, EPS Adaptive Data Control, ESC - HILL HOLDER Sys Fail Indicator, ESC (Electronic Stability Control) Safety lamp, ESC (Electronic Stability Control) System Deactivation, ESC / Hill Holder Failure Lamp, ESC Button Lamp, ESC Safety Lamp, Evaporative System Integrity Monitor (ESIM) solenoid command, Even Gear Clutch (K2) Control|Solenoid Valve Command, Even gear clutch K2 control solenoid valve command, Exhaust bypass valve command, External Control Variable Displacement (ECVD), External Mirror Fold, External Mirror Unfold, Externalcrown Light Rear Left LED, Externalcrown Light Rear Right LED, Externally Controlled Variable Displacement (ECVD) Command (DC), Fade Settings, Fader Level Settings, Fader Settings, Fan Climate Relay, FCW Indication Forward Collision Warning, First Row Driver Buckle Switch Unfasten, First Row Passenger Buckle Switch Unfasten, First Start Power Limitation, Flasher - Rear backup Left Light, Flasher - Rear backup Right Light, Flasher Front Left, Flasher Front Right, Flasher Rear - Lateral Left, Flasher Rear - Lateral Right, Flex Fuel reserve indication, Fog Front Light Left, Fog Front Light Right, Fog Front Lights Left Right, Fog Lamps, Fog Light Led, Fog Lights, Fog Rear Light Left -T2 (952), Fog Rear Light Or Second Backup Light, Fog Rear Light Right -T2 (952), Fog Rear Lights -T2 (949), Forward Collision Warning Fail, Forward Collision Warning OFF, Frequency Step Selection Tuner AM-FM, Frequency Step Selection Tuner

FM2, Frequency Step Selection, Front Ceiling Light - Inadvertent Lights, Front Ceiling Light + Inadvertent Lights, Front Ceiling Light Command Enable, Front Ceiling Light, Front Driver Window Lifter Command Down, Front Driver Window Lifter Command Up, Front DRL Light Xenon, Front Fog Light Left, Front Fog Light Right, Front Fog Lights Halogen, Front Fog Lights, Front Foglights, Front Jet Wiper, Front Lateral Left Turn Lights, Front Lateral Right Turn Lights, Front Left Flasher, Front Left Heat Seat Request, Front Left Parking Light, Front Lock doors command, Front Mode Door Actuator Position, Front Parking Light, Front Passenger Window Lifter Command Down, Front Passenger Window Lifter Command Up, Front Position Light Xenon, Front Position-DRL Light Halogen, Front Right Flasher, Front Right Heat Seat Request, Front Right Parking Light, Front Shut-Off Valve Request, Front SIDE Marker Command, Front Side Marker, Front Unlock, Front Wash, Front Wiper Test, Front Wiper, Fuel Filter Heater, Fuel Filter Heating, Fuel Level low, Fuel Pump Relay Command, Fuel Type, Gear Lever Position Display Test, Gearbox oil pump command, General Stop For All Actuators, Glow lamp command, Glow Plug / Cold Inhibit Lamp, Glow plug indication - Cold Start inhibition, Half engine mode valve command, Hazard Command LED, Hazard LED Command, Hazard LED, Head Lamp Wash Relay Command, Head Lamp Wash, Head Lamp Washer Relay, Headlamp DRL Parking Light Left Signal, Headlamp DRL Parking Light Right Signal, Headlamp Washer, Headlamps move in highest position, Headlamps move in left position, Headlamps move in lowest position, Headlamps move in middle (vertical) position, Headlamps move in right position, Headlamps move in the straight ahead position, Headlamps moving in the central vertical position, Headlamps moving in the highest position, Headlamps moving in the left limit position, Headlamps moving in the lowest position, Headlamps moving in the right limit position, Headlamps moving in the straight ahead position, Heated Rear Window Led Command, Heated Rear Window Relay Command, Heated Rear Window Relay, Heated Rear Window, Heated Seat Left Request, Heated Seat Right Request, Heated Steering Wheel Request, Heated Windows Command, Heater Rear Mirror, Heater Rear Window, Heating Driver Command, Heating Passenger Command, Heating Steering Wheel Command, High Beam Enabled, High beam headlamp indication, High Beam Indicator, High BEAM Left Command, High Beam Left, High Beam Light Left, High Beam Light Right, High Beam Lights, High BEAM Right Command, High Beam Right, High Beam Xenon with shutter, High Beams Lights Halogen, High Beams Lights, High Beams, High Side For Diesel Filter Heater Relay Command, Hill Hold Indicator, Hill-Holder Safety indication, Hill-Holder Safety Lamp, Hill-Holder Safety Lamp-Message, Horn relay command, Horn Relay, Horn, Ice Led, Immobilizer Antenna, In Motion Menu Control, Indicator Lamp Airbag, Indicator LED Illumination Level, Injector 1 coil command, Injector 2 coil command, Injector 3 coil command, Injector 4 coil command, Injector 5 coil command, Injector 6 coil command, Inlet valve FL activation, Inlet Valve FL, Inlet valve FR activation, Inlet Valve FR, Inlet valve front left activation, Inlet Valve Front Left, Inlet valve front right activation, Inlet Valve Front Right, Inlet valve rear left activation, Inlet Valve Rear Left, Inlet valve rear right activation, Inlet Valve Rear Right, Inlet valve RL activation, Inlet valve RL, Inlet valve RR activation, Inlet valve RR, In-Plant Mode Activation, Instrument Panel Dimming, Instrument Panel Dimming, Intake lambda probe heater command, Internal Led Night Lights, Internal Night Lights, Internalcrown Light Rear Left LED, Internalcrown Light Rear Right LED, Inverter Enable Command (949), Inverter Enable Command (952), Inverter Enable Command, Inverter Enable, Inverter Switch, Inverter, IP dimming command, Key LED PWM Duty, Key LED, Key lock command, Key Symbol Back-Light PWM Duty, Knob LED control, Lamp Control, Lane Dep Warn (LDW) on Nt Armed- on Armed- on Warn, Lane Departure Warning (LDW) Left Side, Lane Departure Warning (LDW) On Not Armed- On Armed- On Warning, Lane Departure Warning (LDW) Right Side, Lane Departure Warning (LDW) user disabled (OFF), Latch Cinch Test, Lateral Anti Tilt Sensor, Lateral Anti-tilt X Sensor, LCD Back-Light PWM Duty, LCD Symbols, LDW (Lane Departure Warning), LDW on not armed- on armed- on warning, LED Lock Inhibition Rear Widows Lifter, LED, Led1a Rear Left Heater (Switchled 1A CMD), Led1b Rear Left Heater (Switchled 1B CMD), Led1c Rear Left Heater

(Switchled 1C CMD), Led4a Rear Right Heater (Switchled 4A CMD), Led4b Rear Right Heater (Switchled 4B CMD), Led4c Rear Right Heater (Switchled 4C CMD), Left (Front/Central/Rear) Turn Lights, Left (Front-Central-Rear) Turn Lights, Left (Front-Rear) Parking Lights, Left Air Distribution Motor, Left Air Mix Motor, Left Air Mix Servo Motor Target Position, Left DRL, Left Front Park Lamp, Left Parking Lights, Left Rear Stop Light (Fixed), Left Rear Tail Light + Side Marker, Left Rear Tail Light, Left Rear Turn Lights (EMEA), Left Rear Turn-Stop (NAFTA), Left Rear Turn-Stop Light (Fixed), Left SBL Command, Left Turn Indicator, Left Turn Light Front-Lateral, Left Turn Light indicator, Left Turn Light, Left Turn Lights, Left Turn Signal Indicator, Left turn signal lamp indication, Left Turn Signal Lamp, Licence PLATE LED Lights Command, License Plate Lamp, License Plate Light, License Plate Lights Command, License Plate Lights, Liftgate Additional Parking Light Left And Right Command, Liftgate Parking Light Left And Right Command, Light sensor, LIN Anti Tilt Sensor Check, LIN Line Request Check, LIN Siren Check, LIN Ultrasonic Sensors Check, Locate Learned Keys, Lock Doors Command, Lock Inhibition Rear Widows Lifter LED, Lock Rear Doors Relay, Lock Unlock Doors LED, Longitudinal Anti Tilt Sensor, Loud Speaker Test, LOW BEAM Left Command, Low Beam Left, Low Beam Light Left, Low Beam Light Right, Low Beam Lights Halogen, Low Beam Lights Left Right, Low Beam Lights, LOW BEAM Right Command, Low Beam Right, Low Beam Xenon, Low Beams, Low Fuel Lamp, LPG Failure - Reserve, LPG Led Command, Main-Left Temp. Door Position, Microphone Test, Mid Range Settings, Mid-Range Audio Level Settings, Mid-Range Settings, Mirror Heater, Mirror LED, Mode Selection, Module Self Test, Motorized throttle command, MProp Command (High Pressure), Night lighting command, Night lights, O2 Sensor and Catalyst Test, OBD Vent Valve Command, Odd gear clutch (K1) controlsolenoid valve command, Odd gear clutch K1 control solenoid valve command, On-Demand Self-Test, Outlet valve FL activation, Outlet Valve FL, Outlet valve FR activation, Outlet valve FR, Outlet valve front left activation, Outlet valve front right activation, Outlet Valve Left Front, Outlet valve rear left activation, Outlet Valve Rear Left, Outlet valve rear right activation, Outlet Valve Rear Right, Outlet Valve Right Front, Outlet valve RL activation, Outlet valve RL, Outlet valve RR activation, Outlet valve RR, Parking Assistant LED, Passenger and Rear Doors Unlock, Passenger Door Handle And Puddle Light LED Command, Passenger Door Lock Status LED Command, Passenger Door Power Window, Passenger Door Unlock, Passenger Doors Status - Deterrence LED, Passenger Heated Seat Relay, Passenger seat Air-bag manual deactivation indication, Passenger Seat Movement Relay Command, PEPS Ignition Switch LED Command, Pilot 1 (USV1-Normally Open), Pilot 2 (USV2-Normally Open), Pilot valve 1 activation, Pilot Valve 1, Pilot valve 2 activation, Pilot Valve 2, Port Injection Valve 1 Command, Port Injection Valve 2 Command, Port Injection Valve 3 Command, Port Injection Valve 4 Command, Port Injection Valve 5 Command, Port Injection Valve 6 Command, Position lamp indication, Position Lamp Indicator, Position Light Relay, Power Down, Power Steering Failure Indication, Power Steering Failure Indicator, PPV1 Electro-Valve, PPV-K2 Clutch Electro-Valve, PPVS Electro-Valve, Priming 1 (HSV1-Normally Closed), Priming 2 (HSV2-Normally Closed), Priming valve 1 activation, Priming Valve 1, Priming valve 2 activation, Priming Valve 2, PTC Control (Relay), PTC Control, PTC High Power (Relay), PTC Low Power (Relay), Puddle Light Command Driver Side, Puddle Light Command Passenger Side, Puddle light Driver (Door handle and door panel), Puddle light Driver side, Puddle Light Driver, Puddle light Passenger (Door handle and door panel), Puddle light Passenger side, Puddle Light Passenger, Puddle Light Rear Driver(Door Handle And Door Panel), Puddle light Rear Left (Door handle and door panel), Puddle Light Rear Passenger(Door Handle And Door Panel), Puddle light Rear Right (Door handle and door panel), Puddle Light, Puddle Rear Light Left, Puddle Rear Light Right, Purge canister valve command, QPV K1 Clutch Electro-Valve, QVPM Enable Command, Radiator Cooling Fan PWM D-Cycle, Radiator Cooling Fan PWM Duty-Cycle, Radio Volume, Rain and Automatic Lights Sensors Check, Range Selection Electrovalve Command (PPVS), Range selection electrovalve command, Read VIN, Rear Ceiling Light - Inadvertent Lights, Rear Ceiling Light + Inadvertent Lights, Rear Ceiling Light 1st Row, Rear

Ceiling Light 2nd Row, Rear Ceiling Light, Rear Ceiling Lights, Rear Defrost, Rear Department, Rear Door Status LED, Rear Fog Light / Side Marker Lights, Rear Fog Light or Second Backup Light - Side Marker Lights, Rear Fog Light or Second Backup Light, Rear Fog Light, Rear Fog Lights Left T2 Movable, Rear Fog Lights Right T2 Movable, Rear Fog Lights, Rear Fog T2 (Movable), Rear Heated Window, Rear HVAC Blower Motor, Rear Left Handle And Puddle Light LED Command, Rear Left Heating Command, Rear Left Parking Light, Rear Left Position Light, Rear Left Turn Light, Rear Left window lifter command, Rear Load Compartment Status LED Command, Rear Parking Light - Side Markers, Rear Parking Light / Side Markers, Rear Parking Lights Command LED, Rear Parking Lights Command, Rear Reverse Light (Movable), Rear Reverse Light Left -T2 (952), Rear Reverse Light Right -T2 (952), Rear Reverse Lights -T2 (949), Rear Right And Left Tail T2 (Movable), Rear Right Handle And Puddle Light LED Command, Rear Right Heating Command, Rear Right Parking Light, Rear Right Position Light, Rear Right Turn Light, Rear Right window lifter command, Rear Shut-Off Valve Request, Rear Stop Lights (Movable), Rear Trunk light, Rear Turn Lights Left EMEA, Rear Turn Lights Right EMEA, Rear Wash, Rear WINDOW Washer Command, Rear Window Washer, Rear Window Wiper (949), Rear WINDOW Wiper Command, Rear Window Wiper, Rear Wiper, Rec Motor, Recirc. Door Actuator Position, Recirculation Motor, Recirculation pump activation, Recirculation Pump, Redundant Ignition RUN/START Feed Output Control, Redundant Ignition RUN-START Feed Output, Repetition Driver Door Open For MTA (NCR), Repetition driver door open for MTA (Robotic Gear), Reverse Gear Light, Reverse Gear Lights And Electrochromic Mirror Command, Reverse Gear Lights, Reverse Lamp, Right (Front/Central/Rear) Turn Lights, Right (Front-Central-Rear) Turn Lights, Right (Front-Rear) Parking Lights, Right Air Mix Motor, Right Air Mixing Motor, Right DRL, Right Front Park Lamp, Right Front Turn Light-Lateral, Right Parking Lights, Right Rear Tail Light (Fixed), Right Rear Tail Light, Right Rear Turn Lights (EMEA), Right Rear Turn-Stop (NAFTA), Right SBL Command, Right Temp. Door Actuator Position, Right Turn Indicator, Right Turn Light, Right Turn Lights, Right turn signal lamp indication, Right Turn Signal Lamp Indicator, Right Turn Signal Lamp, Safety Indication Adaptive Cruise Control, Safety Indication Forward Collision Warning, Safety Indication Normal And Adaptative Cruise Control, Safety Indication Normal Cruise Control, Safety indication, Satellite digital audio receiver (SDAR) station selection, SBMT (Supply Battery Monitoring Time), SBMT 0, SBMT -Supply Battery Monitoring Time, SBMT, Screen Test Pattern, SDAR Station Selection, SDC Status Red LED, SDC Status White LED, Seat Belt Lamp, Seat belt unfastened Lamp, Seat belt unfastened Warning cycle, Seat Belt Warning Chime, Seek Status Tuner AM-FM, Seek Status Tuner DAB, Seek Status Tuner Digital Audio Broadcasting (DAB), Seek Status, SET PWM Display (Brightness), Set Transference Clutch Torque, Setting Dimming Levels (DISPLAY), Shift Lock Coil Command, Shift Lock Command, ShiftLock, Side Marker Front, Side Marker Lamps, Side Marker Lights Rear -T1 (952), Side Markers Command, Side markers, Siren Test, Speaker Quadrant Selection, Sport Led, SS Command LED, SS LED command, SSB BACKLIGHT Control, Start Stop activation, Station Selection, Step Light, Stop - Position - Turn Left Light 1, Stop - Position - Turn Left Light 2, Stop - Position - Turn Right Light 1, Stop - Position - Turn Right Light 2, Stop - Position Left Light 1, Stop - Position Left Light 2, Stop - Position Right Light 1, Stop - Position Right Light 2, Stop Start LED, Stop And Start Led, Stop Lamp, Stop Light Left, Stop Light Right, Stop Light, Stop Parking Lights Left, Stop Parking Lights Right, Stop Parking Turn Lights Left 1, Stop Parking Turn Lights Left 2, Stop Parking Turn Lights Right 1, Stop Parking Turn Lights Right 2, StopStart LED Command, StopStart LED, Street Bending Light (SBL) Left, Street Bending Light (SBL) Right, Sunroof Abilitation, Tail LAMP Parking Light Left Command, Tail LAMP Parking Light Right Command, Tail LAMP Stop Light Left Command, Tail LAMP Stop Light Right Command, Tail Or Tail Side Marker Rear Left -T1 (949), Tail Or Tail Side Marker Rear Right -T1 (949), Tail Rear Right And Left -T2 (949), Tail Stop Or Tail Stop Turn Rear Left -T1 (952), Tail Stop Or Tail Stop Turn Rear Right -T1 (952), Tail Stop Rear Left -T2 (952), Tail Stop Rear Right -T2 (952), Test Pattern Display, Thermostat activation command,

Throttle Valve Test, Tire Pressure Module (TPMS), Tire Pressure Module (TPMS) not available-not programmed, Tire Pressure Module (TPMS), Tire Pressure Warning Lamp, Tone Test, Tow Bar Activation, TPM Sensor Rolls Test, TPMS Failure Lamp, TPMS Generic Failure Monitoring Lamp, TPMS Not Available - Not Programmed, TPMS Warning Light, Treble Level Settings, Treble Settings, Trunk Lamp, Trunk Latch Command relay, Trunk Light + Inadvertent Lights, Trunk Light Command, Trunk Light, Trunk Opening Relay Command, Trunk Opening Relay, Trunk Release Relay Command, Trunk Release Relay, Turbo oil supply valve command (half engine mode) command, Turbocharger Pressure Actuator Command, Turn - Rear backup Left Light, Turn - Rear backup Right Light, Turn Front Lateral Lights Left, Turn Front Lateral Lights Right, Turn Front Light Left, Turn Front Light Right, Turn Light Front - Lateral Left, Turn Light Front - Lateral Right, TURN Light Front Left Command, Turn Light Front Left, TURN Light Front Right Command, Turn Light Front Right, TURN Light Lateral Left Command, TURN Light Lateral Right Command, Turn Light Rear - Lateral Left, Turn Light Rear - Lateral Right, Turn Rear Backup Left Light, Turn Rear Backup Right Light, Turn Rear Lateral Lights Left, Turn Rear Lateral Lights Right, Turn Rear Light Left -T1 (EMEA), Turn Rear Light Right -T1 (EMEA), Turn Stop Rear Left Light -T1 (NAFTA), Turn Stop Rear Right Light -T1 (NAFTA), Tyre Pressure Module (TPMS), UGDO (Universal Garage Door Open) enable command, Under Inflation Lamp, Under Inflation Monitoring Lamp, Universal Garage Door Open, Unlock doors command, Unlock Doors, Upstream lambda probe heater bank1 command, Upstream Lambda Probe Heater Bank2 Command, Upstream lambda probe heater command, USB1 CMD, USB1 LED CMD, USB2 CMD, USB2 LED CMD, User Interface Test, Valve multi-air system activation cyl.1, Valve multi-air system activation cyl.2, Valve multi-air system activation cyl.3, Valve multi-air system activation cyl.4, Variable coolant pump command, Variable displacement oil pump command, Variable swirl actuator closing command, Vehicle Speed Cluster, Video Input Settings, Volume Knob Illumination Power, VSO Regeneration Command, Waste gate valve command, Water In Fuel Filter Lamp Command, Welcome Lights Command, Wheel Speed Sensor Functional Test, Window Heater Led, Window Lifter Switch Enable, Windshield heater, Windshield Heating, Windshield Washer Command, Windshield Washer Relay, Windshield Washer, Windshield Wiper Relay, Windshield wiper, Wiper Status

New BMW/Mini Coverage

- Added coverage for 3375 new system applications

1060 new special tests:

A/C air distribution flap test, A/C compressor adaptation, A/C compressor run-in protection, AC Compressor, Acoustic test signal, Acoustic trans. elec. rear lid, Activate alarm system (3 sec.), Activate antenna 1, Activate antenna 2, Activate antenna 3, Activate Auto P, Activate electric fuel pump, Activate HUD, Activate intelligent alternator control, Activate Kleer module, Activate parking brake after pad replacement, Activate power steering, Activate roller dynamometer mode, Activate Vehicle Mode, Activate WLAN, Activate/Deactivate Start/Stop Function, Activate/Deactivate Transportation Mode, Activation/deactiv. auto shut-down term.15, Activation/deactivation presentation mode, Active stabiliser control unit HA: Restart, Active stabiliser control unit VA: Restart, Actuation of indicator lamps, Actuation Wastegate valve, Actuation Wastegate valve 2, Actuation, Electric Fuel Pump, Actuation/open power window, Adaptation for Lambda control, Adaptation Of Idle Speed, Adaptation thermostat map, Adaption Function Reset, Adaption of cameras, Adaptive brake light (ABL): Flashing function, Additional EGR Cooler Bypass, Additional Water Pump for Low-temperature EGR Circuit, Adjust Fuel Consumption Display Correction Factor, Adjust Wastegate Linkage, Adjusting The Electromotive Throttle Controller, Air conditioner control motors: Adapt positions to the system <Air-conditioning system>, Air conditioner control motors: Adapting, Air conditioner control motors: Service position activation, Air Flap 1, Air flap control motor actuation, Air Flow Control 2, Air intake system: Resetting, Air Intake Test(Analog;

Gen. 2), Air mix flap initialization, Air spring struts installation/removal, Air supply solen. valve Massage 1, Air supply solen. valve Massage 2, Air supply solen. valve Massage 4, Air supply solen. valve Massage 3, Air supply solen. valve Massage 5, Air suspension compressor, Air Valve, Air Valve 2, Airbag configuration, Airbag control unit (Airbag igniter circuits): Read resistance values, Airbag control unit (Airbag igniter circuits): Read status, Airbag control unit: Restart, Airbag indicator light OFF, Airbag: Read configuration, Air-conditioning system control unit reset, Air-conditioning system: Reset the locking of the system <Engine coolant circuit>, AKKS Status, Alarm horn, Alarm system LED, All Lamps, Alternator: Resetting, Ambient light: Automatic addressing, Ambient lighting, Ambient lighting adaptation, Ambient lighting_, Anti-theft alarm system: Alarm triggering, Assembly Position Of Window Lifters, Audio frequency 100 Hz, Audio frequency 1000 Hz, Audio frequency 10000 Hz, Audio system self test, Audio/telematics system reset, Auto. setting air damper control motors, Auto-hold button LED, Auto-Hold indicator lamp, Autom. transm. adaptation values adapt., Autom. transm. adaptation values reset, Automatic A/C display, Automatic Engine Start/ Stop, Automatic Engine Stop Disable, Automatic parking lock: Deactivate, Automatic transmission control unit reset, Automatic transmission control unit: Reset adaptation values, Automatic transmission oil level check, Auxiliary Battery (24V EPS) Exchange, Auxiliary Heater, Auxiliary Water Pump Low Temp EGR Circuit - Status, Average consumption display correction, Back massage, Back massage + upper-body mobil., Back massage + whole-body mobil., Backrest Adjustment, Backrest adjustment to front, Backrest adjustment to rear, Backrest Adjustment: Width, Backrest Head Adjustment, Backup lamp, Balance Value Of LL (idle) Program, Battery (12V): Resetting, Battery (48V): Adapting, Battery (48V): Cell evaluation, Battery (48V): Charge level, Battery (high-voltage): Clear fault memory after detected rupture of the component <HV system cooling circuit water cooler>, Battery (high-voltage): Diagnosing state, Battery (high-voltage): Reading out the current capacity, SOH (State of Health), Battery (high-voltage): Restart, Battery Exchange Register, Battery management control unit (48V): Activate/deactivate removal of voltage, Battery management control unit (48V): Restart, Battery Replacement, Battery Replacement (2nd Battery), Battery replacement, register aux.batt, Black test pattern, Bleed, Bleed Cooling System, Bleed Fuel System, Blow by Heater, BlowBy Heating Element Status, Blue test pattern, Bluetooth interface activation/deactivation, Boost Pressure Actuator, Boost pressure control reset, Boost Pressure Plate 1 Trigger, Boost Pressure Regulator 1, Boost Pressure Regulator 2, Boost Pressure Regulator Offset, Brake Fluid Flush Reminder (CBS) Reset, Brake light, Brake light: Actuation, Button illumination, Button LEDs, Calibrate Acceleration Sensor, Camera functional test, Camshaft timing control: Resetting, Center console control panel: Restart, Central driver assistance control unit: Restart, Central electronics control unit reset, Central locking Deadlock release, Central locking motor actuation
Lock, Central locking motor actuation
Unlock, Charge connection door lock, Close charge connection flap, Close load compartment cover, Close power windows DS front, Close power windows DS rear, Close power windows PS front, Close power windows PS rear, Close rear sun blind, Close Window, CM footrest tilt downward, CM footrest tilt upward, CM monitor tilt downward, CM monitor tilt up, Commissioning electric parking brake, Component <Cooling circuit control valve> of the system <HV battery coolant circuit>: Operating status, Compressor Bypass, Compressor Bypass Valve, Consumption Curve, Continuous turn signal, Control Auxiliary Fan, Control Device Replacement Without Value Transfer, Control Tank Ventilation Valve, Control target temperature 16 Â°C, Control target temperature 28 Â°C, Control The Electric Cooling Fan, Control unit re-start, Controlled Air Flow Control, Coolant Circuit Thermostat, Coolant circuit valve, Coolant shutoff valve, Coolant System Ventilation, Coolant Temp Operation, Coolant thermostat, Coolant thermostat: Adapting, Cooling System Ventilation, Cornering light functional test, Crank Case Vent Heater, Cruise control display SET, Cruise Control Marking Test, Cylinder 5 shutoff, Cylinder 6 shutoff, Cylinder Homogeneous Equality Function, Databus signals sw.mod. deact., Daytime Driving Light, DC/DC converter ON, Deactivate HUD, Deactivate intelligent alternator control, Deactivate Kleer module,

Deactivate parking brake for pad replacement, Deactivate RDS, Deactivate transportation mode, Deactivate WLAN, Default setting of all volume values, Delete Adaptations, Delete personal data, Detection Gasoline In Oil, Determining The Injector, Diagnosis Module, Tank Leakage : Heating, Diagnosis Module, Tank Leakage : Pump, Diagnosis Module, Tank Leakage : Valve, Diesel Particulate Filter Regeneration, Diesel particulate filter regeneration run, Diesel Particulate Filter Register Replacement, Digital service booklet: Save the entry, Dipped Beam, Direction indicator: Continuous lighting status, Disable Bluetooth interface, Disable The Oil Level Sensors, Disassembly position of window lifters, Display on/off, Display test, Display test white/orange, Display: Test, Divert Air Solenoid Valve, Double clutch transmission control unit.: Adapting, Driver door window lifter adaptation, Driver monitoring camera: Restart, Driver seat left armrest heating, Driver Seat Normalization, Driver side mirror adjustment, Driving sensor control unit: Restart, DS 2nd row door trim heater, DS door armrest heating, DS door trim heater, DS window-lifter motor: Close, DS window-lifter motor: Opening, DVD emergency eject, DXC Status, Dynamic flashing, E-Box Fan Control, ECU Reset, EGR Bypass Flap, EGR Control, EGR Valve, EGR valve mounting position, Eject CD, Electr. vacuum pump (brake), Electric Auxiliary Water Pump-LIN, Electric Coolant Pump, Electric drive control (Rotor position sensor): Read calibration offset angle, Electric drive control: Restart, Electric Fan Actuation, Electric Fan Relay, Electric fuel pre-supply pump: Actuation, Electric Fuel Pump, Electric Fuel Pump on FPC, Electric power steering adaptation, Electric power steering: Restart, Electric vacuum pump statistical data reset, Electric Valve On Active Tank (SCR), Electrical Fan, Electrochromic mirror dimming, Electronics Box Fan, Emblem camera, Emergency Function Auxiliary Water Pump, Emission Warning Lamp (MIL), Enable Bluetooth interface, Engine control unit: Resetting after replacement of the component <Engine>, Engine control unit: Restart, Engine fan control, Engine glow plugs: Resetting, Engine Malfunction Lamp, Engine Mounting, Engine Oil Quantity, Engine start/stop button (switch illumination): Output, EPS: Steering Start-Up, ESP control unit: Restart, ESP hydraulic-system bleeding, ESP interchange test, ESP sensor ring test, ESP sensor unit adaptation, ESP test, Evaluate the Battery State of Charge, Exhaust Flap, Exhaust flap adaptation, Exhaust flap adaption, Exhaust flap control motor, Exhaust flap solenoid valve, Exhaust Gas Analysis Maintenance Reset, Exhaust gas differential pressure sensor: Resetting, Exhaust Gas Recirculation, Exhaust Gas Recirculation Valve Basic Setting, Exhaust Gas Temp Sensor before OxiCat Status, Exhaust Gas Temperature Pre DPF, Expansion Tank Valve Status, Ext.mirror lane change ass.indic., Extend spoiler, Extend trailer coupling, Exterior mirror heating: Actuation, Exterior mirror test, Exterior mirror: System self-test, External noise actuator, Fan actuation, FDC Status, FGR Status, FIGA Function DSC Status, Fill/empty pressure accumulator, First initialization, Fold in exterior mirror, Fold out exterior mirror, Force elec. machine free-wheeling, Frequency range switching FM, Front augmented reality camera: Dynamic adaptation, Front axle air spring struts test, Front blower motor, Front Brake Pad Wear Indicator Reset, Front Fog Light, Front left air spring strut test, Front left door control unit: Restart, Front Left Seat Heating, Front left seat heating: Stage 1, Front left seat heating: Stage 2, Front left seat heating: Stage 3, Front left short-range radar sensor: Dynamic adaptation, Front left short-range radar sensor: Restart, Front left side light lamp, Front left turn signal indicator, Front radar sensor static setting, Front right air spring strut test, Front right door control unit: Restart, Front Right Seat Heating, Front right seat heating: Stage 1, Front right seat heating: Stage 2, Front right seat heating: Stage 3, Front right short-range radar sensor: Dynamic adaptation, Front right short-range radar sensor: Restart, Front right side light lamp, Front right turn signal indicator, Front short-range camera: Test pattern, Front short-range radar sensor: Resetting, Front surrwndg.area cam.test image, Front windscreen washer pump, Fuel Consumption Display Adjustment, Fuel Evaporation Regeneration Valve, Fuel Filter Heater Status, Fuel Filter Heating, Fuel high-pressure system reset, Fuel Injector 1, Fuel Injector 2, Fuel Injector 3, Fuel Injector 4, Fuel Injector 5, Fuel Injector 6, Fuel level indicator 50 %, Fuel pressure control valve, Fuel Pressure Regulator, Fuel Pump, Fuel pump CAN, Fuel Quality Recognition, Fuel tank pressure sensor calibration, Fuel

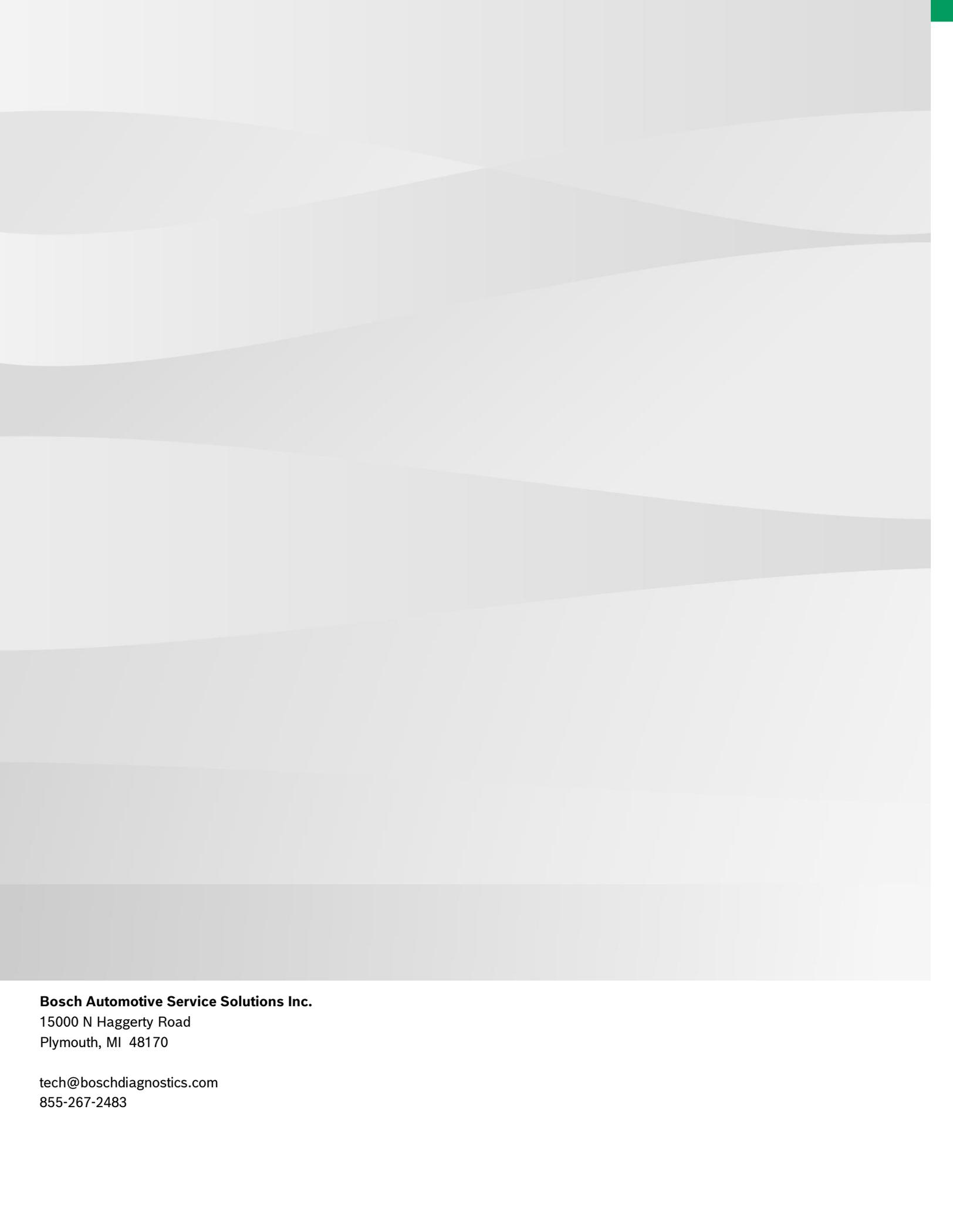
Tank Ventilation Valve, Function */FAV button, Function BACK button, Function MEDIA - button, Function NAV/MAP button, Function OPTION button, Function PUSH button, Function TEL button, Gasoline particulate filter: Evaporate condensate, Gasoline particulate filter: Resetting, Gateway: Restart, GBX Position Sensor Status, Gear Change Idle Speed Activation, Gear Oil Pump Relay, Generator - Exciter Current Limit, Generator - Load Response, Generator - Nominal Voltage, Generator / electric motor: Deactivate assembly mode, Generator Control, Glow Plug Relay, Green function lamp, Green test pattern, GSG Status, Hands-free rear lid opening, Hazard warning button illum. actuat., Hazard warning system, Head restraint adjustm. to front, Head Restraint Adjustment, Head restraint adjustment to rear, Head restraint adjustment: Down, Head restraint adjustment: Up, Headlamp control unit: Restart, Headlamp fan actuation, Headlamp: System self-test, Headlight fan, Headlight range control functional test, Headlight washer pump, Headlight Washer System, Head-up display test, Head-up display: Activation, Head-up display: Blue test pattern, Head-up display: Green test pattern, Head-up display: Image settings configuration, Head-up display: Switch off test pattern, Head-up display: Switching off, Head-up display: Test pattern, Head-up display: White test pattern, Heated Rear Window, Heated rear window relay, Heating valve, Heating-Heater Relay (SCR), Heating-pressure line (SCR), Heating-tank (SCR), Heating-tank 2 (SCR), HFM-Disconnection, High Pressure Compressor Bypass 1, High Pressure Compressor Bypass 2, High Pressure Pump Relay, High Pressure VNT, High Pressure VNT1, High Pressure VNT2, High-pressure pump adaptation, Hill Hold Control button LED, Hold mode indicator lamp, Horn Relay, HUD Full Brightness, HV batt.charger connector locking, HV battery cell evaluation, HV battery charge, HV battery charge/discharge current, HV battery charging module: Restart, HV battery coolant pump speed, HV battery cooling system valve, HV battery isolation test, HV charg. conn. connector flap light.: AC connection, HV charg. conn. connector flap light.: DC connection, IBS Current Measurement Control, Idle Adjustment, Idle Speed Adjust, Idle Speed Set Point, IMA CYL 7, IMA CYL 8, Increase temperature on left, Increase temperature on right, Increase traffic news volume, Indic. lamps. le/ri faulty flash, Indic. lamps. le/ri normal flash, Inductive charging station control unit: Restart, Inductive charging station: Activate function, Inductive charging station: Activate NFC interface, Inductive charging station: Deactivate function, Inductive charging station: Deactivate NFC interface, Infotainment/multimedia control unit: Restart, Infotainment/multimedia display: Test pattern, no signal, Initialization of all window lifters, Initialization Of Both Rear Window Lifters, Initialize New Fuel Pump, Initializing the electric machine, Injection Valve 1 Control, Injection Valve 2 Control, Injection Valve 3 Control, Injection Valve 4 Control, Injection Valve 5 Control, Injection Valve 6 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), Injector Cylinder 1: Deactivation, Injector Cylinder 2: Deactivation, Injector Cylinder 3: Deactivation, Injector Cylinder 4: Deactivation, Injector cylinder 5: Deactivation, Injector cylinder 6: Deactivation, Injector Quantity Adjustment, Injector reset, Inspection/Service Interval Reset, Instrument cluster display: Test pattern, Instrument cluster lamps: Green, Instrument cluster lamps: Red, Instrument cluster lamps: Yellow, Instrument Cluster Self Test, Instrument cluster system self-test, Instrument cluster: Date/time configuration, Instrument cluster: Restart, Int.mirror auto.det.displ. dimmed, Inverter phase current evaluation, Inverter water pump actuation, Key adaptation, Keyless entry: Deactivate/activate, Knock Sensor Adaptation, Lambda Probe Heating Before Kat (Bank1), Lambda Probe Heating Before Kat (Bank2), Lambda Sensor Heater 2 (Bank 1), Lane change assistant warning lamp,
outside mirror, Laser headlamp: System self-test, Lateral left short-range radar: Dynamic adaptation, Lateral left short-range radar: Restart, Lateral right short-range radar: Dynamic adaptation, Lateral right short-range radar: Restart, Learn rotor position, Learning of valve lift control end stops, LED (flashing blue), LED (flashing orange), LED (flashing red), LED

(off), LED (steady blue), LED (steady green), LED (steady white), Left active seat air cushion, Left And Right Turning Light, Left cornering light, Left daytime driving light, Left dipped beam, Left ext.mirror camera test image, Left exterior mirror down, Left exterior mirror LED test, Left exterior mirror short-range camera: Test pattern, Left exterior mirror to left, Left exterior mirror to right, Left exterior mirror up, Left headlight range control, Left headlight range control motor: Actuation, Left lane change assistant warning lamp, Left main beam, Left parking light, Left rear fog light, Left rear lights control unit: Restart, Left reversing light, Left short-range camera: Test pattern, Left side marker lamps, Left surrndg.area cam. test image, Left thermo cup holder (LED blue), Left thermo cup holder (LED green), Left thermo cup holder (LED red), Left thermo cup holder: Cooling function, Left thermo cup holder: Heating function, Left trailer indicator, Left trailer side light lamp, Left turn signal indicator, Left turning light, Lens heating actuation, LIDAR control unit: Restart, Lift sunroof, Light function: Coming Home function, Load Pressure Plate, Load Pressure Plate Low Pressure, Load Regulation Adaptation, Lock (central locking), Lock All Doors, Long-range radar sensor (LRR): Restart, Loudspeaker test, Loudspeaker: Default setting for all volume values, Low Pressure Compressor Bypass 1, Lower lordosis air cushion, Lower rear DS window sun shade, Lower rear PS window sun shade, Lower sun roof, Low-temperature EGR Valve Circuit, Luggage compartment cover adaptation, Luggage compartment roller blind storage compartment flap: Close, Luggage compartment roller blind storage compartment flap: Opening, Luggage compartment roller blind: Unit downwards, Luggage compartment roller blind: Unit upwards, Lumbar massage, Lumbar Support Adjustment, Lumbar support adjustment To front, Lumbar support adjustment To rear, Lumber adjustment, down, Lumber adjustment, up, Main Beam, Main beam assistant system self-test, Malfunction Indicator Lamp Test, Manual trailer coupling Initialisation, Manual-selector-gate lock, Measure, MENU button function, Metering in the AGA (SCR), Microphone sensitivity adjustment, Mid-range radar sensor (MRR): Restart, MIL Lamp, Mirror fold-in/fold-out, Mirror Heating, Mixture Adaptation, Mixture correction reset, Most 3DB, Motor Fan, Motor Fan Relay, Move to exhaust flap installation position, Move to fitting position, MSA Automatic Motor Start-Stop Disabling, MSA Starter Exchange/Reset, MSA: System Check, MSA2 DEAK DEAKT, MSA2 DEAK DFSP, MSA2 DEAK EA, MSA2 DEAK EV, MSA2 DEAK FAV, MSA2 DEAK SAV, Muting, Muting Active Sound Design ext., Muting Active Sound Design int., Muting entertainment electronics, Muting external E-Sound, Muting internal E-Sound, Muting of external noises activ., NAV button function, Neck-level heating left level 1, Neck-level heating left level 2, Neck-level heating left level 3, Neck-level heating right level 1, Neck-level heating right level 2, Neck-level heating right level 3, Neutral position detection, Neutral Position Sensor Adapting, Normal Sleep Mode, OBD Readiness Values 2, Octane number adjustment 95 RON, Octane Rating Adaptation, ODPF Offset Value, Offset Error in Combined Fuel Pressure and Fuel Temp Sensor, Oil Pressure Control, Oil Pressure Control Trigger, Oil Pressure Lamp, Oil Pressure Valve (Regulated Oil Pressure System) Control, Oil Service Reset, Online service button, Open and Close Radiator Blind, Open charge connection flap, Open electric sliding headliner, Open load compartment cover, Open power windows DS front, Open power windows DS rear, Open power windows PS front, Open power windows PS rear, Open rear sun blind, Operating unit, Operating unit button illuminat., OTUR Offset Value, 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 control unit: Restart, Parking aid button: Button illumination, Parking brake operating unit LED, Parking light, Parking light actuation on one side, Parking light_, Parking lock, Parking lock in as-delivered pos., Particle Filter Exchange, Particle Filter Replacement, Passenger compartment lighting, Passenger compartment lighting_, Passenger door window lifter adaptation, Passenger side mirror adjustment, PCU on CAN Status, PCU/DCDC Converter Status, Pedestrian detection, Pelvic support adjustment, Perform Control-module Reset, Persistent Activation and Persistent Deactivation, Piston Cooling Valve, Position lighting, Prefeed Pressure Sensor Status, Pressure Sensor on Particulate Filter Status, Program

idling speed, Program Injector 1, Program Injector 2, Program Injector 3, Program Injector 4, Program Injector 5, PS 2nd row door trim heater, PS armrest heater element, PS door trim heater, PS window-lifter motor: Close, PS window-lifter motor: Opening, Pulse-wheel test, Pump - Passive Tank (SCR), Pump motor, Pump-active Tank (SCR), QLT Status, Quantity control valve HDP5, Quantity Control Valve Trigger, Radiator blind: Position, Radiator blind: Test, Radiator Fan, Radiator fan test, Radiator fan: Actuation, RADIO button function, Radio station search Up, Rain sensor control lamp, Rain Sensor Initialization, Rain/light sensor: Adapting, Raise rear DS window sun shade, Raise rear PS window sun shade, Raise sun roof, Read airbag igniter circuits status, Read Configuration, Read event memory, Read identification of control units, Read no-load current information, Read Out Battery Status, Read out fuel quality counter, Read Service Needs, Rear air conditioner: Set the specified temperature to 16 Å°C, Rear air conditioner: Set the specified temperature to 28 Å°C, Rear axle air spring struts test, Rear blower motor, Rear Brake Pad Wear Indicator Reset, Rear center sun blind, Rear Driver Side Power Window Close, Rear Driver Side Power Window Open, Rear DS armrest heater element, Rear fog light, Rear left air spring strut test, Rear left display: Brightness, Rear left door control unit: Restart, Rear left parking light, Rear left seat heating: Stage 1, Rear left seat heating: Stage 2, Rear left seat heating: Stage 3, Rear left short-range radar sensor: Dynamic adaptation, Rear left short-range radar sensor: Restart, Rear left sun blind, Rear left turn signal indicator, Rear left turn signal indicator: Actuation, Rear left window lifter adaptation, Rear left window lifter: Close, Rear left window lifter: Opening, Rear lid adaptation, Rear lid basic setting, Rear lid bottom part: Close, Rear lid bottom part: Opening, Rear lid: Close, Rear lid: Opening, Rear lid: Unlock, Rear Passenger Side Power Window Close, Rear Passenger Side Power Window Open, Rear PS armrest heater element, Rear right air spring strut test, Rear right display: Brightness, Rear right door control unit: Restart, Rear right parking light, Rear right seat heating: Stage 1, Rear right seat heating: Stage 2, Rear right seat heating: Stage 3, Rear right short-range radar sensor: Dynamic adaptation, Rear right short-range radar sensor: Restart, Rear right sun blind, Rear right sun shade, Rear right turn signal indicator, Rear right turn signal indicator: Actuation, Rear right window lifter adaptation, Rear right window lifter: Close, Rear right window lifter: Opening, Rear Rotation Angle Control, Rear seat backrest remote unlocking left, Rear seat backrest remote unlocking ri., Rear short-range radar sensors: Resetting, Rear side light, Rear window lifter: Close, Rear window lifter: Open, Rear Window Washer Pump, Rear Window Wiper Relay, Rear wiper: Actuation, Rear-axle centre position setting, Rear-axle diff. lock motor wear data reset, Rear-axle differential lock wear data reset, Rear-lid motor closing function, Rear-lid motor opening function, Red function lamp, Red test pattern, Reduce temperature on left, Reduce temperature on right, Reduce traffic news volume, Ref. run headlight range control, Refrigerant Circuit Switch Valve, Refrigerant circuit: Service mode activation/deactivation, Refrigerant shut-off valve, Registration starter exchange, Replace Injector1, Replace Injector2, Replace Injector3, Replace Injector4, Replace refrigerant, Request HV charging start, Request HV charging stop, Reset Adaptation Parameters, 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 camera calibration, Reset Control Unit, 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 load adaptation, Reset mixture adaption, Reset rotor position, Reset sound settings, Reset Start/Stop Counter, Reset sum of alarm triggers, Reset swirl flap control adaptation values, Reset transfer case oil wear data, Reset transmission oil service life, Reset uneven running segment times, Reset valve lift adaptation, Reset VVT minimum lift adaptation, Resistances of airbag igniter circuits, Retract spoiler, Retract trailer coupling, Rev counter, Reversing camera control unit: Restart, Reversing camera heating, Reversing Camera Test Image, Reversing camera: Test pattern, Reversing lamp, Reversing mirror adjustment, Rght.ext.mirror camera test image, Rght.surrndg.area cam. test image, Right active

seat air cushion, Right cornering light, Right daytime driving light, Right dipped beam, Right exterior mirror down, Right exterior mirror LED test, Right exterior mirror short-range camera: Test pattern, Right exterior mirror to left, Right exterior mirror to right, Right exterior mirror up, Right headlight range control, Right headlight range control motor: Actuation, Right lane change assistant warning lamp, Right main beam, Right parking light, Right rear lights control unit: Restart, Right reversing light, Right short-range camera: Test pattern, Right side marker lamps, Right thermo cup holder (LED blue), Right thermo cup holder (LED green), Right thermo cup holder (LED red), Right thermo cup holder: Cooling function, Right thermo cup holder: Heating function, Right trailer indicator, Right trailer side light lamp, Right turn signal indicator, Right turning light, Roof operating unit control unit: Restart, Rotor position reset, Running gear control unit: Restart, Search illumination, Seat Adjustment/Seat Angle Down, Seat Adjustment/Seat Angle Up, Seat angle adjustment, down, Seat angle adjustment, up, Seat Control Unit Initialization, Seat Cushion Extension, Seat ext. adj. backward, Seat ext. adj. forward, Seat fore-and-aft adjtm. To front, Seat fore-and-aft adjust. To rear, Seat Fore-And-Aft Adjustment, Seat heating: Stage 1, Seat heating: Stage 2, Seat heating: Stage 3, Seat Height Adjustment, Front, Seat height adjustment: Down, Seat height adjustment: Up, Seat ventilation: Stage 1, Seat ventilation: Stage 2, Seat ventilation: Stage 3, Seatback head adjustment forwards, Seatback head adj. rearwards, Seatback width adj. narrower, Seatback width adjustment wider, Sel. lever module fct. indicator, Selector drum control motor: Adapting, Selector lever control unit reset, Selector lever lock, Selector lever module calibration, Selector lever module: Restart, Selector lever position illumination, Selector lever search lighting, Self-test, Sensor unit zero position compensation, Service Requirement Reset, Set frequency 88.9 MHz, Set Voltage BSD, Shoulder massage, Shut-off Injector 5, Shut-off Injector 6, Side light, Side marker lamps, Side marker light, Sky sun roof: Close, Sleep mode activation, Smooth running evaluation, Smooth running evaluation - 4 Cylinder, Solenoid Valve, Tank Ventilation, Solenoid Valve, Secondary Air, SOS - loudspeaker - test, Sound damper, Spark duration diagnosis, Spark duration diagnosis - 4 Cylinder, Spark Plug Maintenance Reset, Speed indicator, Spin Flap, Start range extender, Start Relay, Start station search, Starter, Starter generator (48V): Restart, State Inspection Reminder Reset, Status: Charging flap 1 locking, Status: Charging flap locking 2, Steering Angle Sensor Adjustment, Steering basic setting, Steering column adjustment adaptation, Steering column adjustment downwards, Steering column adjustment initialisation, Steering column adjustment to front, Steering column adjustment to rear, Steering column adjustment upwards, Steering Column Height Adjustment, Steering wh.vibr.(lane cha. ass.), Steering wheel heating, Steering wheel heating indicator lamp, Steering Wheel Vibration, Stop lamp: Coming Home function, Stop lamps, Store vehicle reference level, Strongest-station autom. search, Sun roof adaptation, Sun roof initialization, Sun roof: Close, Sun roof: Opening, Supplementary heater: Reset starter interlock, Supply Injection, Ignition Relay HDPI, Suppress Mirror Glare, Surround view (360°) control unit: Restart, Switch blocking magnet, Switch East, Switch North, Switch off display, Switch off TP, Switch on display, Switch on RDS, Switch on TP, Switch South, Switch West, System Lamp Test, System Self-Test, Tank electronics: Restart, Tank leak unit solenoid valve, Tank Ventilation Valve Actuation, Teach-in Exhaust Flap Or Move It Into Installation Position, Temporary Activation and Temporary Deactivation, Test CD/DVD ejection, Test DWA sensors, Test pattern 1, Test pattern 2, Test screen, Thermostat Control, Throttle Control, Throttle Valve, Throttle Valve Actuation 100%, Throttle Valve Adaptation, Throttle Valve Basic Setting, Throttle valve control unit adaptation, Throttle Valve, Bank 2, Throttle valve: Actuation 100 %, Tire pressure monitoring: Deactivating the production mode, Touchpad: Activation, Touchpad: Deactivation, TPMS system initialisation reset, Trailer brake light, Trailer coupling initialisation, Trailer coupling: Install information, Trailer rear fog light, Trailer reversing light, Trailer tail light, Transfer case oil change, Transfer case oil pump: Bleeding, Transfer case: Specified torque, Transmission control unit: Restart, Transmission control: Read adaptation values, Transmission oil pump: Reset adaptation values, Transmission position P adaptation, Transmission

position sensor calibration, Trigger Motor Bearings, Triggering of front wiper, speed 1, Triggering of front wiper, speed 2, Triggering of rear-window defogger, Turbocharger adjustment, Turbocharger Coolant Pump, Turn signal indicator, Turn signal lamps, Turning light, Turn-Signal Indicator Light (Flashing To Indicate Defect), Turn-Signal Indicator Light (Normal Flashing), TV signal, Ultrasonic sensor, Unlock All Doors, Unlock filler neck compartm. lid, Unlock Rear Lid, Upper lordosis air cushion, Upper-body mobilisation, Valve Coolant Expansion Tank, Valve lift control end stop run-in, Valvetronic Limit Position Learning Mode, Valvetronic Running-in Phase, VANOS Adaptation, Vanos Exhaust Valve, Vanos Intake Valve, Variable camshaft timing adaptation, Variable Intake System 1, Variable Intake System 2, Variable tract intake manifold adaptation, Variable valve lift control: Adapting, Variable valve lift control: Resetting, Veh. ele. sys. (48V) volt. manag. CU: Restart, Vertical headlamp servomotor, VVT (VANOS) Relief Relay, VVT Deviation, VVT High Current Control, VVT Tests, Warning tone generator (Rear lid), Washer Pump, Headlights, Wastegate solenoid: Test, Water Pump Control, Wheel set programming, Whole-body mobilisation, Window lifter closing actuation, Window lifter motors: Adapting, Windscreen Washer Pump, Windshield blower motor, Windshield wiper park position, Wiper blade heating, Wiper end position test, Wiper Service Position, Wiper: Stage 1, Wiper: Stage 2, Workout, Zero Speed Learning



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