

2020 v3 COVERAGE INFORMATION

Proprietary Fault Support

- Heavy & Medium-Duty (Class 3-8) -

ANTI-LOCK BRAKES

| BENDIX |
|----------|
| FORD |
| GM |
| HALDEX |
| SPRINTER |
| WABASH |
| WARCO |

BODY & CHASSIS

| BLUEBIRD |
|---------------|
| FORD |
| FREIGHTLINER |
| GM |
| INTERNATIONAL |
| KENWORTH |
| MACK |
| PETERBILT |
| SPRINTER |
| STERLING |
| THOMAS BUILT |
| VOLVO |

CTIS

WESTERN STAR

DANA

DAS

BENDIX

| EN | GI | N | ES |
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| CAI |
|----------------|
| CUMMINS |
| DETROIT DIESEL |
| FORD |
| GM |
| HINO |
| ISUZU |
| INTERNATIONAL |
| MACK |
| MERCEDES |
| PACCAR MX |

TRANSMISSIONS

SPRINTER VOLVO

| ALLISON | |
|----------------|--|
| DETROIT | |
| EATON | |
| FORD | |
| GM | |
| MACK | |
| SPRINTER | |
| VOLVO | |
| ZF | |
| | |

TPMS

BENDIX

Bi-Directional

- Parameter Tests, Functionality & Reporting -

HEAVY-DUTY

| BENDIX |
|---------------|
| CATERPILLAR |
| CUMMINS |
| DANA |
| DETROIT |
| INTERNATIONAL |
| MACK |
| MERCEDES-BENZ |
| PACCAR |
| VOLVO |
| WABCO |
| |

MEDIUM-DUTY

| GM | |
|-----------------|--|
| FORD | |
| <u>ISUZU</u> | |
| <u>SPRINTER</u> | |

BI-DIRECTIONAL

Caterpillar

- Support reading proprietary diagnostic fault codes and event codes for all Caterpillar engines except 3126b
- Support for proprietary sensor data for all Caterpillar engines except 3126b
- Bi-directional support for Caterpillar engines:
 - Cylinder Cut Out Tests
 - a Supported on C7, C13, C15, C18 and NEW! now supports C12
 - Injection Actuator Pressure Test
 - a Supported on 3126 and C7
 - Injector Solenoid Test
 - a Supported on 3126, C7, C15, C18 and NEW! now supports C12 and C13
 - Injector Trim Calibration
 - Supported on C7 and C15 NEW! now supports C13
 - Intake Valve Actuator Test
 - a Supported on C15 and NEW! now supports C13 and C15
 - Intake Valve Actuator Solenoid Test
 - a Supported on C15 and **NEW!** now supports C13

Cummins

- Support reading Cummins Proprietary Fault Codes on all EPA 07 and newer Cummins engines.
- Support for proprietary sensor data on all EPA 07 and newer Cummins engines.
- Support for reading proprietary NOx sensor data on all EPA 13 and newer Cummins engines.
- Supports Cummins CNG (compressed natural gas) engines including proprietary fault codes and sensor data.
- Bi-directional support for Cummins engines:
 - Aftertreatment Maintenance Reset
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9
 - **Aftertreatment Injector Flow Test**
 - a EPA 07: all ISX (15L) | EPA 10: all ISX (12 & 15L) | EPA 13: all ISX (12 & 15L)
 - Aftertreatment Injector Leak Test
 - a EPA 07: all ISX (15L) | EPA 10: all ISX (12 & 15L) | EPA 13: all ISX (12 & 15L)
 - Aftertreatment Injector Shutoff Valve Test
 - a EPA 07: all ISX (15L) | EPA 10: all ISX (12 & 15L) | EPA 13: all ISX (12 & 15L)
 - Cylinder Cut Out Tests
 - a EPA 02: all ISB, ISC, ISL, ISM, and ISX | EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISC, ISX, PX-6, and PX-8 | EPA 13: PX-9 | **GHG17:** all B6.7, L9, X15, PX-7, and PX-9
 - NEW! Cylinder Misfire Monitor Tests
 - CNG: All ISX 12G and ISX12N
 - DEF Doser Pump Override Test
 - a EPA 10: all ISB, ISC, ISL, ISX, PX-6 and PX-8 | EPA 13: all ISB, ISL, ISX (12L and 15L), PX-7 | GHG17: all B6.7, L9, X15, PX-7, and PX-9
 - DEF System Heater Test
 - a EPA 10: all ISB, ISC, ISL, ISX, PX-6 and PX-8 | EPA 13: all ISB, ISL, ISX (12L and 15L), PX-7 | GHG17: all B6.7, L9, X15, PX-7, and PX-9
 - DEF System Leak Test
 - a EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX (12L and 15L), PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9
 - DPF Service Regen
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9
 - NOTE: Can be started from either the Bi-Directional test selection or the Aftertreatment Diagnostics screen.
 - **Engine Protection Parameters**
 - + Limited Restart, Shutdown, and Shutdown Manual Override
 - EPA 07: all ISX (15L) | EPA 10: all ISX (12 & 15L) | EPA 13: all ISX (12 & 15L)
 - Fuel Injector Calibration
 - a EPA 07: all ISC, ISL, ISX (12L and 15L), and PX-8 with Common Rail Fuel Systems | EPA 10: all ISC, ISL, ISX (12L and 15L), and PX-8 with Common Rail Fuel Systems
 - Fuel Injector Reset
 - a EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9

• Fuel Leakage Test

a EPA 10: all ISB, ISC, ISL, ISX (12L and 15L), PX-6, and PX-8 with Common Rail Fuel Systems | EPA 13: all ISB, ISL, ISX (12L and 15L), PX-7, and PX-9 with Common Rail Fuel Systems | GHG17: all B6.7, L9, X15, PX-7, and PX-9 with Common Rail Fuel Systems

Idle Shutdown

- + Idle Shutdown Status and Idle Shutdown Time
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9 | CNG: all ISX 12G and ISX12N

PTO Parameters

- + Enable/Disable PTO, Additional Switch Pedal, Maximum Engine Load, Maximum Speed, Minimum Speed, Maximum Vehicle Speed, Ramp Rate, Resume Switch Speed, Set Switch Speed, Enable/Disable Accelerator Pedal or Lever Override, and Maximum Engine Speed
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9 | CNG: all ISX 12G and ISX12N

Road & Cruise Speed Limits

- + Test now supports parameters for: Lower Droop, Upper Droop, Enable/Disable Gear Down Protection, Gear Down Maximum Vehicle Speed (Heavy-Engine Load), and Gear Down Maximum Vehicle Speed (Light Engine Load)
- a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, and Paccar branded PX-7, and PX-9 | CNG: all ISX 12G and ISX12N
- **NOTE:** Access to this can be removed. Contact Noregon support for more information

SCR Performance and System Test

a EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, PX-7, and PX-9

• Trip Information Parameters

- + Vehicle Overspeed 1 and Vehicle Overspeed 2
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, and Paccar branded PX-7, and PX-9 | CNG: all ISX 12G and ISX12N
 - **DISCRETE** NOTE: Access to this can be removed. Contact Noregon support for more information

Trip Reset

EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, and Paccar branded PX-7, and PX-9 | Now supports CNG: all ISX 12G and ISX12N

• VGT Electronic Actuator Installation and Calibration

a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, and Paccar branded PX-7, and PX-9

VGT Hysteresis Test

a EPA 10: all ISB, ISC, ISL, ISX (12L and 15L), PX-6, and PX-8 with Common Rail Fuel Systems | EPA 13: all ISB, ISL, ISX (12L and 15L), PX-7, and PX-9 with Common Rail Fuel Systems | GHG17: all B6.7, L9, X15, PX-7, and PX-9 with Common Rail Fuel Systems

VSS Parameters

- + Tampering Sensitivity Level, Maximum Engine Speed Without Vehicle Source, Number of Transmission Tailshaft Gear Teeth, Rear Axle Ratio, Vehicle Speed Sensor Type
 - a EPA 07: all ISB, ISC, ISL, ISM, ISX, PX-6, and PX-8 | EPA 10: all ISB, ISC, ISL, ISX, PX-6, and PX-8 | EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 | GHG17: all B6.7, L9, X15, and Paccar branded PX-7, and PX-9 | CNG: all ISX 12G and ISX12N
 - **NOTE:** Access to this can be removed. Contact Noregon support for more information
- **NOTE: PX Engines are Paccar Branded**

Detroit

Support for proprietary sensor data on all 2000 model year and newer Detroit engines.

• Bi-Directional support for Detroit engines:

• Cruise Speed Limits

- + NEW! Max Cruise Set Speed & Min Cruise Set Speed
 - a Now supports GHG17 with Engine Software version App_0411 and App_2109
- a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040D, App_040E and App_0410, App_2104, App_2105, App_2107, App_040B and App_2108
- NOTE: Access to this can be removed. Contact Noregon support for more information

Cylinder Cut Out

2000 to 2017: all series 50, 55, 60, DD13, DD15 and DD16 | GHG17 with software version: App_040D, App_040, App_040, App_2104, App_2105, App_2107, App_040B, App_2108 | NEW! GHG17 with MCM Software Version: mcm_0x06ED

DEF Coolant Valve Control Test

a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040B, App_040E, App_040E, App_0410, App_2104, App_2105, App_2107, App_2108 | NEW! GHG17 with MCM software version: mcm_0x06ED | ACM Software Version: acm_0x023E

DEF Quantity Test

a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version:: App_040D, App_040E, App_2104, App_2105, App_2107, App_040B and App_2108 | NEW! GHG17 with ACM Software Version: acm_0x023E

DOC Face Plug Cleaning

a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version:: App_040B, App_040D, App_040E, App_0410, App_2104, App_2105, App_2107, App_2108, and NEW! App_0411 | NEW! GHG17 with MCM software version:: mcm_0x06ED

• DPF Ash Accumulator Reset

a EPA 07: series 60 and DD15 | EPA 10 to EPA 13: for all DD13, DD15, and DD16

• DPF Service Regen

- EPA 07 to EPA 13: DDEC VI Series 60, DD13, DD15 and DD16 | GHG17 with software version: App_040D, App_040E and App_0410, App_2104, App_2105 and App_210, App_040B and App_2108 and App_0411 and App_2109
- NOTE: Can be started from either the Bi-directional test selection or the Aftertreatment Diagnostics screen

• Hydrocarbon Doser Purge

EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040B, App_040D, App_040E, App_0410, App_2104, App_2105, App_2107, App_2108 | NEW! GHG17 with MCM software version: mcm_0x06ED

Idle Shutdown Enable/Disable & Time Set

- + NEW! Idle Shutdown Status and Idle Shutdown Time
- EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040D, App_040E, App_410, App_2104, App_2105, App_2107, and App_040B, App_2108 NEW! App_0411 and App_2109
- Intake Throttle Valve Test
 - a EPA 10 to EPA 13: all DD13, DD15 and DD16

Metering Unit Flood Routine

a EPA 10: all DD13, DD15 and DD16

• Parked SCR Efficiency Test

a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040B App_040D, App_040E and App_0410, App_2104, App_2105, App_210, and App_2108, and NEW! App_0411 and App_2109 | NEW! GHG17 with ACM software version: acm_0x023E

Performance Check Low Temp ATD

a EPA 10 to EPA 13: all DD13, DD15 and DD16 | GHG17 with software version: App_040D, App_040E and NEW! App_0411

PTO Parameters

- + GENERAL PTO: Config PTO Speed Control, PTO Remote Throt Override Mode, Throttle Override Max Eng Speed, PTO Dropout Serv Brk Prk Brk, PTO Dropout on Clutch Enabled, Max Road Speed in PTO Mode, PTO Ramp Rate, PTO Cab Switches Mode, PTO Accel Pedal Override Mode, RPM Increment

 EPA 10 to EPA 13: all DD13, DD15 and DD16
- + CAB PTO: Min PTO Spd Set Coast Sw, Max PTO Spd Resume Accel Sw, Set Coast Switch PTO Speed, Resume Accel Switch PTO Speed

 © EPA 10 to EPA 13: all DD13, DD15 and DD16
- + Remote PTO: Remote PTO Spd Selection Mode, No of Speeds Via Remote PTO, Spd 1 Via Remote PTO, Spd 2 Via Remote PTO, Spd 3 Via Remote PTO

 EPA 10 to EPA 13: all DD13, DD15 and DD16
- + INPUTS: 2 08 DI Selection (EPA 10 & 13), 2 09 DI Sw Config (EPA 10 only), 209 DI Selection (EPA 13 only), Remote Accelerator Enable (EPA 10 & 13)

 EPA 10 to EPA 13: all DD13, DD15 and DD16

Road Speed Limits

- NEW! Maximum Road Speed Limits
 - a **EPA 10 to EPA 13:** all DD13, DD15 and DD16 engines | **GHG17 with software version:** App_040D, App_040E, App_410, App_2104, App_2105, App_2107, App_040B, App_2108 **NEW!** App_0411 and App_2109
 - NOTE: Access to this can be removed. Contact Noregon support for more information

• SCR Airless Doser System (ADS) Self Check

a EPA 13: all DD13, DD15 and DD16 engines NEW! Now supports GHG17 with ACM Version: acm_0x0232, acm_0x023E, and acm_0x0236

• SCR Air Pressure System Check

EPA 10: all DD13, DD15 and DD16 engines

SCR System Output Component test

a EPA 10 to EPA 13: all DD13, DD15 and DD16 engines | NEW! GHG17 with MCM Software Version: mcm_0x06D8, mcm_0x06DB, mcm_0x06DE | NEW! GHG17 with ACM Software Version: acm_0x0232, acm_0x0235, acm_0x0236

VSS Parameters

- + Vehicle Speed Sensor, Axle Ratio, Tire Revs Per Unit Distance, Top Gear Ratio, Second Highest Gear Ratio, Number of Output Shaft Teeth, Anti Tamper, VSS Absolute Diagnostics Limit (EPA 13 only), VSS Driving Diagnostic Limit (EPA 13 only), Wheel Revs Front Axle NR (EPA 13 only)
 - a EPA 10 to EPA 13: all DD13, DD15 and DD16
 - NOTE: Access to this can be removed. Contact Noregon support for more information
- \circ NOTE: To see the software version, select the engine and look in the bottom left of JPRO

International

- Support for proprietary sensor data on all EPA 07 and newer International engines
- Bi-Directional support for International engines:
 - Actuator Tests
 - + Aftertreatment (AFT) Fuel Shutoff Valve
 - **EPA 10:** Maxxforce 11 and 13 engines | **A26 engines**
 - + Aftertreatment (AFT) Fuel Doser
 - a EPA 10: Maxxforce 11 and 13 engines
 - + Engine Throttle Valve (ETV) Position
 - **EPA 10:** Maxxforce 11 and 13 engines | **2013:** N13 engines | **A26 engines**
 - + Exhaust Gas Recirculation (EGR) Valve Position
 - a EPA 10: Maxxforce 11 and 13 engines | 2013: N13 engines | A26 engines
 - + Exhaust Back Pressure Valve
 - **EPA 10:** Maxxforce 11 and 13 engines | **2013:** N13 engines

- Aftertreatment Reset
 - **EPA 07 and EPA 10:** Maxxforce 11 and 13 engines
- NEW! Aftertreatment Fuel Enable Actuator Leak Test
 A26 Engines
- NEW! Aftertreatment Hydrocarbon Doser Leak Test
 - a A26 Engines
- NEW! Aftertreatment Hydrocarbon Dosing System Test
 A26 Engines
- NEW! Auxiliary Engine Speed Control (PTO) Parameters
 - + General Parameters, Enable/Disable Parameters, Preset Parameters, Advanced Configuration Parameters, Configuration Parameters
 - a EPA 07 Maxxforce 7, DT, 9, 10, 11, and 13 Engines | EPA 10 Maxxforce 7, 9, DT, 10, 11, 13 and 15 Engines | N9, N10, 2013 N13, 2015 N13, and A26 engines
 - **NOTE:** Access to this can be removed. Contact Noregon support for more information.
- CDPF Reset
 - a EPA 07 and EPA 10: Maxxforce 7, DT, 9 and 10 engines
- Cylinder Cut Out tests
 - a EPA 07: Maxxforce 7, DT, 9, 10, 11, and 13 engines | EPA 10: Maxxforce 9, DT, 10, 11, and 13 engines | N9, N10, 2013 N13, 2015 N13 | A26 engines
- DEF Doser Pump Override Test
 - a N9, N10, 2013 N13, and 2015 N13 engines
- DOC/DPF replacement reset
 - N9, N10, 2013 N13, and 2015 N13 engines | NEW! A26 engines
- DPF Service Regen
 - p EPA 07: Maxxforce 7, DT, 9, 10, 11, and 13 engines | EPA 10: Maxxforce 7, DT, 9, 10, 11, and 13 engines | N9, N10, 2013 N13, 2015 N13 and A26 engines
 - NOTE: Can be started from either the Bi-directional test selection or the Aftertreatment Diagnostics screen
- Fuel Pressure Adaptive Reset
 - **EPA 07:** Maxxforce 7 engines | **EPA 13:** Maxxforce 7 engines
- Idle Shutdown Time
 - + Idle Shutdown Timer Mode, Engine Idle Shutdown Time, Idle Shutdown Time No parking Brake Set, Idle Shutdown Time with Park Brake
 - EPA 07: 7, DT, 9, and 10 engines | EPA 13: DT, 9, 10, 11, 13 and 15 engines | NEW! EPA 13 Maxxforce 7, 9, DT, 10, 11, and 13 engines | NEW! N9, N10, N13, and A26 engines
- KOEO Injector Test
 - a EPA 07: Maxxforce 7, DT, 9, and 10 engines | EPA 10: Maxxforce DT, 9, and 10 engines | N9 and N10 engines
- KOEO Standard Test
 - a EPA 07: Maxxforce 7, DT, 9, and 10 engines | EPA 10: Maxxforce 7, DT, 9, and 10 engines | N9, N10, and 2015 N13 engines
- KOER Air Management Test
 - EPA 07: Maxxforce 7, DT, 9, and 10 engines | EPA 10: Maxxforce 7, DT, 9, 10, 11 and 13 engines | EPA 13: Maxxforce 7 engines | N9, N10, and 2015 N13 | A26 engines
- KOER Standard Test
- EPA 07 to EPA 13: Maxxforce 7, 9, and 10 engines | N9 and N10 engines
- Road & Cruise Speed Limits
 - + NEW! Max vehicle Speed, Cruise Control Mode, Cruise Control Vehicle Speed Low Limit, Cruise Control Vehicle Speed High Limit, Max Vehicle Speed with Road Speed Limiting On, Max Vehicle Speed with Cruise Control, Road Speed Limiting Vehicle Speed Limit, Road Speed Limiting Control Module
 - EPA 07: Maxxforce 7, DT, 9, and 10 engines | EPA 10: Maxxforce DT, 9, 10, 11, 13 and 15 engines | NEW! EPA 13 Maxxforce 7, 9, DT, 10, 11, and 13 engines | NEW! N9, N10, N13, and A26 engines
 - NOTE: Access to this can be removed. Contact Noregon support for more information.
- SCR Fault Reset
 - n N9, N10, and 2013 N13 engines | **NEW!** A26 engines
- NEW! VSS Parameters
 - + Vehicle Speed Anti-Tampering Enabled, Tire Revs Per Mile, Rear Axle Ratio Low, Rear Axle Ratio High, Transmission Top Gear Ratio, Transmission Tailshaft Gear Teeth, Vehicle Speed Sianal Mode. Vehicle Speed Source Selection When Split Shaft is Active
 - a EPA 07: Maxxforce 7, DT, 9, 10, and 13 engines | EPA 10: Maxxforce 7, 9, DT, 10, 11, 13 and 15 engines | N9, N10, 2013 N13, 2015 N13, and A26 engines
 - NOTE: Access to this can be removed. Contact Noregon support for more information.

Mack & Volvo

- Supports all Mack, Volvo and Prevost Vehicles
- Displays all standard and proprietary fault codes for all components
- Ability to resolve partial chassis ID to full VINs on Mack/Volvo vehicles
- Improved powertrain fault readings on EPA 13 Mack/Volvo vehicles
- Mack and Volvo Specific Reports, including: Trip Reports & Life of Vehicle Reports
- Supports reading proprietary NOx sensor data on all EPA 13 and newer Mack/Volvo engines.
- Bi-Directional support for Mack & Volvo engines:
 - Aftertreatment Injector Activation for Flow Test
 - **EPA 07** engines
 - Cylinder Cut Out Tests
 - **EPA 07** engines to GHG17 engines
 - DEF Dosing Valve Test
 - **EPA 10** engines to **GHG17** engines

- DEF Pressure System Test
 - □ EPA 13 engines to GHG17 engines | NEW! Now supports EPA 10
- DPF Service Regen
 - **EPA 07** engines to GHG17 engines
 - Now available from the Aftertreatment Diagnostics window for Mack and Volvo Engines.
- DPF System Reset
 - **EPA 07** engines to GHG17 engines
- EGR Function Test
 - a Now supports EPA 07 and EPA 10 all major software versions
- Enable or Disable Cruise Control
 - EPA 07 engines to GHG17 engines
- Fan Activation Test
 - a Now supports **EPA 07** and **EPA 10** all major software versions
- Fuel Shut-off Valve Test
 - D Now supports **EPA 07** and **EPA 10** all major software versions
- Hydrocarbon Dosing Control Valve Test
 - a Now supports **EPA 10** all major software versions
- Learned Data Reset
 - p EPA 07 engines to GHG17 engines
- NOx Conversion Monitor Test
 - **EPA 13** engines to **GHG17** engines
- Purge Air Valve Test
 - a Now supports **EPA 10** all major software versions
- SCR Regeneration
 - p EPA 13 engines to GHG17 engines
- Set Cruise Max and Min Speeds
 - **EPA 07** engines to **GHG17** engines
 - NOTE: Access to this can be removed. Contact Noregon support for more information.
- Set Road Speed Limit
 - **EPA 07** engines to **GHG17** engines
 - a NOTE: Access to this can be removed. Contact Noregon support for more information.
- Set Idle Shut Down Times
 - **EPA 07** engines to GHG17 engines
 - NOTE: Access to this can be removed. Contact Noregon support for more information.
- Trip Reset
 - a MACK EPA 07 and Newer Vehicles with DataMax parameter enabled VOLVO 2012 and Newer Vehicles with DataMax parameter enabled
- NEW! VGT Electronic Actuator Installation and Calibration
 - a EPA13 to GHG17
- VGT Function Test
 - a Now supports **EPA 07** and **EPA 10** all major software versions
- VGT Monitor Test
 - p EPA 13 engines to GHG17 engines
- Warm Hold Function Test
 - EPA 07 engines to EPA 10 engines
 - NOTE: Mack and Volvo coverage requires Internet access at least once a month. Failure to provide Internet access will result in the application limiting use and eventually shutting off the features.
 - NOTE: Mack and Volvo coverage only supports the following adapters: Noregon DLA+ 2.0, DLA+ 2.0 Wireless, DLA+, DLA+ Wireless, DLA+ PLC, Vocom 88890300m, NEXIQ USB-Link™ and NEXIQ USB Link™ 2

Mercedes-Benz

- Support for proprietary sensor data on MBE 900 and 4000 engines
- Bi-Directional support for EPA 07 to EPA 13 engines:
 - Cylinder Cut Out
 - a EPA 07 engines
 - DPF Parked Regeneration
 - a EPA 07 engines

Paccar

- Support for all PACCAR Body Controllers and engines including clearing faults
 - NOTE: Paccar Body Controller faults are only supported on 2007 and newer Kenworth and Peterbilt trucks.
 - NOTE: Paccar Body Controller faults on the KWP2000 protocol can only be read when using the JPRO® DLA+,DLA+ Wireless, DLA+ 2.0 or DLA+ 2.0 Wireless
 adapter. If using the JPRO® DLA+ or JPRO® DLA+ Wireless adapter, please ensure the label on the back of the adapter indicates it is 'Rev P Compatible'.
- Support for 2016 Peterbilt and Kenworth trucks with or without the PACCAR Y-cable (PACCAR P/N: 42-02848) available from the PACCAR dealer network.
- Supports reading and clearing proprietary fault codes on all EPA 10 to GHG17 MX engines
- Bi-Directional support for Paccar engines:
 - Automated Cylinder Performance test
 - **EPA 10** engines to **EPA 13** all MX engines

- Cylinder Cut-Out

 GHG17 all MX engines
- DEF Doser Pump Test
 - **EPA 10** engines to **GHG17** all MX engines
- NEW! DEF Heater Test
 - a EPA 10 engines to GHG17 all MX engines
- DPF Service Regen
 - **EPA 10** engines to **GHG17** all MX engines
 - o NOTE: Can be started from either the Bi-Directional test selection or the Aftertreatment Diagnostics screen.
- Enable Regeneration After Aftertreatment System Repair
 - © EPA 10 engines to EPA 13 all MX engines | NEW! Contact Noregon Support to help verify this test on GHG17 MX engines.
- NEW! Evaluate NOx Sensors Test
 - **EPA 10** engines to **GHG17** all MX engines
- Install a New or Cleaned DPF
- © EPA 13 all MX engines | NEW! Contact Noregon Support to help verify this test on GHG17 MX engines.
- Reset the Soot Level
 - □ EPA 10 engines to EPA 13 all MX engines | NEW! Contact Noregon Support to help verify this test on GHG17 MX engines.
- Turbo Actuator Effort Test
 - □ EPA 10 engines to EPA 13 all MX engines | NEW! Contact Noregon Support to help verify this test on GHG17 MX engines.

NOTE: For PX-6, PX-7, PX-8 or PX-9 engine bi-directional test support, please see the Cummins features

Allison

- Supports reading and clearing faults on: 1000/2000 Pre-4th Gen | WTEC II | WTEC III | 1000/2000 4th Gen | 3000/4000 4th Gen | 1000/2000 5th Gen | 3000/4000 5th Gen | TC10
- Supports reading and displaying the Check Transmission Lamp and Service Indicator Lamp on Allison 5th Gen transmissions

Bendix

- Supports identification of all Bendix components.
- Includes ACom® Legacy to support older Bendix ECUs not currently supported by JPRO® Commercial Vehicle Diagnostics.
- Bendix DTC Report support for overall health report of all Bendix components.
- Bendix Sheppard Active Steering component data and faults support added.
- Supports reading Fault Codes and sensor data for Bendix EC-80 EAC.

BENDIX TRACTOR BRAKES

- Support reading and clearing Bendix Proprietary Fault Codes on all EC-60 and EC-80 braking systems.
- Support reading data and fault codes from the Intellipark™ Electronic Park Brake System.
- Support for proprietary sensor data on all EC-60 and EC-80 braking system and ADB Wear Sensing.
- Supports reading and clearing Event History records on all EC-60 and EC-80 braking systems.
- ABS Monitor provides an at-a-glance assessment of the braking system's health by monitoring related electrical and pneumatic components
- Bi-Directional support for Bendix Tractor brakes:
 - Reset the Soot Level
 - a EC-60 Advanced braking systems | EC-80 ESP/ESP+ braking systems
 - ABS Configuration
 - a EC-60 braking systems | EC-80 braking systems | NEW! J1939 Broadcast Parameters for EC-80 braking systems
 - ABS Engine Limiting Test
 - a EC-60 Advanced braking systems | EC-80 ATC or ESP braking systems
 - ABS Pressure Test
 - a EC-60 braking systems | EC-80 ESP/ESP+ braking systems
 - ABS Self-Config Test
 - a EC-60 braking systems | EC-80 ABS and ATC braking systems
 - Battery Voltage Test
 - a EC-60 braking systems | EC-80 braking systems
 - Braking System Switches Test
 - a EC-60 braking systems | EC-80 braking systems
 - Dashboard Lamp Tests
 - a EC-60 braking systems | EC-80 braking systems
 - Drag Torque Test
 - a EC-60 Premium or Advanced braking Systems | EC-80 ATC or ESP braking systems
 - NEW! ECU Reset
 - a EC-60 and EC-80 braking systems
 - ESP Lamp Test
 - EC-80 ESP/ESP+ braking systems

- Modulator Valve (Chuff) Tests
 - a EC-60 braking systems | EC-80 braking systems
- Steering Angle Test and Calibration
 - a EC-60 Advanced braking systems | EC-80 ESP/ESP+ braking systems
- Wheel Speed Chart Test
 - a All braking systems reporting wheel speed values
- Wheel Speed Window Test
 - a All braking systems reporting wheel speed values
- Wiggle Test/Performance Issue Monitoring
 - a EC-60 braking systems | EC-80 braking systems
- Yaw Rate and Lateral Accel. Test and Calibration
- a EC-60 Advanced braking systems | EC-80 ESP/ESP+ braking systems

BENDIX DRIVER ASSISTANCE SYSTEMS (DAS)

- Support reading and clearing Bendix Fault Codes and reading sensor data on: AutoVue® 3G LDW System, SafetyDirect® Web Portal Processor (3G and 5G), AutoVue® FLC20 Camera, Wingman FLR20/21 Radar, Blindspotter® Radar, Vorad VS500 Radar, Driver Interface Unit (DIU)
- Supports reading and clearing Event History records on all FLR 21 ECUs.
- NEW! Wingman FLR Configuration test now defines Following Distance Alerts configuratin numbers.
- NEW! Safety Direct Event Reporting parameter is configurable in AutoVue® 3D Configuration and SDP3/SDP5 Configuration.
- NEW! Enhanced handling of clearing faults when the FLC20 Image Processor Calibration Error is present.
- NEW! SPTAC Calibration test has updated SPC Parameters support.
- NEW! TSR Configuration now supports configuration of SA for Country Select and TSR Enable/Disable parameters.
- Bi-Directional support for Bendix Driver Assistance Systems:
 - AutoVue Configuration
 - □ AutoVue® 3G LDW System
 - Blindspotter Configuration
 - a Blindspotter® Radar
 - a (NOTE: only available if the Bendix OE Parameters license attribute is enabled).
 - Camera Snapshot Test
 - a AutoVue® FLC20 Camero
 - Clear Stored Events and Videos
 - a AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (3G and 5G)
 - DIU Configuration
 - Driver Interface Unit
 - FLC Camera Configuration
 - a AutoVue® FLC20 Camera
 - Indicator Component Tests
 - a AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (5G)
 - Lamp Component Test
 - a AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (5G)
 - LDW Configuration
 - a AutoVue® FLC20 Camera
 - Output Component Tests
 - a AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (3G and 5G)
 - Safety Direct Event Selection Configuration
 - AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (3G and 5G)
 - SDP3/SDP5 Configuration
 - a SafetyDirect® Web Portal Processor (3G and 5G)
 - NEW! Speaker Volume Configuration
 - a AutoVue® 3G LDW System | SafetyDirect® Web Portal Processor (3G and 5G)
 - SPTAC Calibration
 - a AutoVue® 3G LDW System
 - TSR Configuration
 - a AutoVue® 3G LDW System
 - Wingman FLR Configuration
 - Wingman FLR20/21 Radar | Vorad VS500 Radar

BENDIX TIRE PRESSURE MONITORING SYSTEM (TPMS)

- Support reading and clearing Bendix proprietary fault codes on all SmarTire™ TPMS solutions.
- Support for proprietary sensor data on all SmarTire[™] TPMS solutions.
- Supports reading and clearing mileage accumulation statistics and sensor fault occurrences on all SmarTire™ NextGen TPMS solutions.
- TPMS Diagnostics provides an at-a-glance assessment of the Bendix TPMS system's health by monitoring related data.
- **NEW!** TPMS Signal Strength Test now supports saving all received signal strength information to a file that can be sent to Bendix engineering for analysis.
- NEW! TPMS Parameters now supports changing vehicle type and vehicle ID for NextGen TPMS controllers.
- Bi-Directional support for Bendix Driver Assistance Systems:

- TPMS Ambient Sensor Configuration
 - ☐ All **SmarTire**[™] TPMS solutions
- TPMS Configuration
 - □ All SmarTire™ TPMS solutions
- NEW! TPMS Lamp Display Configuration
 - □ SmarTire™ Standard and NextGen TPMS solutions
- TPMS Parameters
 - □ All SmarTire™ TPMS solutions
- TPMS Signal Strength Test
 - a All SmarTire™ TPMS solutions (except for Standard TPMS models 200.0213, 200.0216, and 200.0219)
- TPMS Statistics
 - □ SmarTire™ NextGen TPMS solutions

Freightliner

• Support reading and clearing faults from all Freightliner auxiliary components.

Dana

- Support reading and clearing proprietary fault and data on Dana CTIS (Central Tire Inflation System) where J1939 communications
 are available
- Bi-Directional support for Dana CTIS systems:
 - CTIS Pressure Tests
 - a Dana CTIS where J1939 communications are available
 - CTIS Supply Tank Pressure Test
 - a Dana CTIS where J1939 communications are available

Haldex

- Support proprietary identification for Haldex Trailer Braking systems.
- Supports reading proprietary faults for all Haldex Trailer Braking systems.
- Reads and displays trailer odometer and trip distance for all Haldex Trailer Braking systems.

Wabco

- Support proprietary identification for HABS ABS, HPB (Hydraulic Power Brake) System, C Series ABS, D Series ABS, TCS II trailer braking system, E Series ABS including the E8, mBSP Modular Braking System Platform
- Supports reading and clearing SAE J1587 and J1939 faults for all Wabco tractor and trailer braking systems.
- Supports reading all SAE data for all Wabco tractor and trailer braking systems.
- Supports reading proprietary wheel speed data where J1587 communications are available.
- Bi-Directional support for Wabco brakes:
 - Dashboard Lamp Tests
 - a All braking systems where J1587 communications are available | **NEW!** Now supports the E8
 - Enable/Disable ATC Automatic Traction Control
 - a HPB brakes and all pneumatic braking systems where J1587 communications are available | **NEW!** Now supports the E8 and mBPS
 - Memorized Components Test
 - a all pneumatic and hydraulic braking systems where J1587 communications are available
 - Modulator Valve (Chuff) test
 - a all pneumatic tractor braking systems where J1587 communications are available | NEW! Now supports the E8 and mBPS
 - Wheel Speed Chart Test
 - a all braking systems reporting wheel speed values
 - Wheel Speed Window Test
 - a for all braking systems reporting wheel speed values

BI-DIRECTIONAL

MEDIUM-DUTY COVERAGE

Functionality & Tests

Ford

- NEW! Supports Ford Models: 2004 2020 F-series, 2019 & 2021 F-650 & F-750, 2004-2019 & 2021 Econoline E-Series, 2004-2018 Transit Connect, 2004-2020 Transit Vehicles
- Supports medium duty ISO 15765 and ISO 14229 messages
- Gives users the ability to read and clear faults, read freeze frames, read sensor data, and display emission test results
- Bi-Directional Support for Ford Engines:

DPF Regeneration

a 2008 to 2018 6.4L diesel engines | EPA 2011 to 2018 6.7L diesel engines

KAM (Keep Alive Memory) Reset

all supported engines

KOEO On Demand Self-Test

all supported engines

KOER On Demand Self-Test

a all supported engines

KOER Glow Plug Monitor Self-Test

all supported diesel engines

KOER Injector Buzz Test

a all supported engines

KOER On Demand Self-Test

a all supported engines

KOER Switch Test

a 2004 - 2018 6.0L diesel engines

Power Balance Test

2008 to 2018 6.4L diesel engines | **EPA 2011 to 2018** 6.7L diesel engines

Set EGR Position

EPA 2011 to 2018 6.7L diesel engines

Set EGR Throttle

a **EPA 2011 to 2018** 6.7L diesel engines

Bi-Directional Support for Ford 2004-2018 Transmissions:

KOEO On Demand Self-Test

KOER On Demand Self-Test

Bi-Directional Support for Ford 2004-2018 Brakes:

• G-Sensor Calibration Test

On Demand Self-Test

Sensor Initialization

Bi-Directional Support for Ford Auxiliary Components:

On Demand Self-Test

+ 4x4 Control Module (4x4m)

+ Accessory Protocol Interface Module (APIM)

+ Audio Control Module (ACM)

+ (Audio) Digital Signal Processing Module (DSP)

+ Body Control Module (BdyCM)

+ Circuit Deactivation Ignition Module (CDIM)

+ Cruise-Control Module (C-CM)

+ DC to DC Converter Control Module (DCDC)

+ Digital Audio Control Module (DACMC)

Wiper Washer Rear Test

+ Driver Front Seat Module (DSM)

+ Driver/Dual Climate-Control Seat Module (DCSM) + Image Processing Module B (IPMB)

+ Drivers Door Module (DDM) Wiper Control Test

+ Front Control/Display Interface Module (FCDIM)

+ Front Controls Interface Module (FCIM)

+ Front Display Interface Module (FDIM)

+ Generic Electronic Module (GEM)

+ Global Positioning System Module (GPSM)

+ Headlamp Control Module (HCM)

+ Heads Up Display (HUD)

+ Heated Steering Wheel Module (HSWM)

+ Heating Ventilation Air Conditioning (HVAC)

+ Image Processing Module A (IPMA)

+ Information Center Module (ICM)

+ Instrument Cluster (IC or IPC)

+ Interior Lighting Control Module (ILCM)

+ Occupant Classification System Module (OCS)

+ Parking Aid Module (PAM)

+ Passenger Front Door Module (PDM)

+ Power Running Board (PRB)

+ Power Steering Control Module (PSCM)

+ Rear Seat Entertainment Module (RETM)

+ Reductant Control Module (DCU)

♣ Restraint Control Module (RCM)

+ Running Board Control Module (RBM)

+ Satellite Digital Audio Receiver System (SDARS)

+ Seat Control Module E (SCME)

+ Side Obstacle Detection Control Module -Left (SODL)

+ Side Obstacle Detection Control Module -Right (SODR)

+ Smart Junction Box (SJB)

+ Steering Angle Sensor Module (SASM)

+ Steering Column Control Module (SCCM)

+ Trailer Brake Control Module (TBC)

+ Trailer Module (TRM)

+ Transfer Case Control Module (TCCM)

+ Vehicle Security Module (VSM)

GM

 Supports the following vehicle 2002-2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500; 2002-2017 GMC Express and Chevy Savana; 2002-2010 GM Medium Duty; 2014-2018 GMC Canyon and Chevy Colorado.

NOTE: Only the powertrain components are supported on 2014 and newer GM Vehicles

• Supports the medium duty J1850 VPW and GMLAN messages

a Generic Electronic Module (GEM) | Smart Junction Box (SJB)

a Generic Electronic Module (GEM) | Smart Junction Box (SJB)

Gives users the ability to read and clear faults, read freeze frames, read sensor data and display emission test results

Now supports Freightliner trucks with GM 6.0L (L96) engine

• Bi-Directional Support for GM Engines:

A/C Relay

a 2010 to 2018 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

CMP Actuator

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

Crankshaft Position Variation Learn

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

Cylinder Cut Out

a 2002 to 2018 all diesel and gasoline engines (except GM vehicles with CAT engines)

DPF Catalyst Reset

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

DPF Pressure Sensor Reset

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

DPF Service Regen

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2017 GMC Savana and Chevy Express with 2.8L diesel engine

Engine Controls Ignition Relay

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L as engine

• Engine Speed Control Information

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

EVAP Purge/Seal Solenoid

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

EVAP Purge Solenoid

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

EVAP Vent Solenoid

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Fuel Closed Loop Status

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Fuel Injector Balance

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Fuel Pump Relay

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Fuel Trim Enable

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Fuel Trim Reset

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Gen L-Terminal

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

HO2S Bank 1 Sensor 1 Heater

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine **HO25 Bank 1 Sensor 2 Heater**

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine HO2S Bank 2 Sensor 1 Heater

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

HO2S Bank 2 Sensor 2 Heater a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

| 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

HO2S Heater Learn 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Idle Spark

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

Misfire Graphic

2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

NOx Sensor 1 & NOx Sensor 2 Reset

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

Reductant Heater 1, 2, and 3 Tests

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

Reductant System Leak Test

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

Reductant Tank Reset

a 2010 to 2018 vehicles with a Duramax 6.6L diesel engine | 2016 GMC Canyon and Chevy Express with 2.8L engine | 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L engine

- **Reset Oil Life**
 - a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Reset RVS Disable History**
 - 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine

- **Spark Retard**
 - 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine
 - a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine
- **Starter Relay**
 - 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine
 - a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine
- Throttle Position
 - a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine
- **Throttle Position Sweep**
 - a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines | 2013 to 2017 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine | 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine

Bi-Directional Support for GM Transmissions:

- **High Side Driver 1**
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Line PC Solenoid**
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- PC Solenoid 2
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- PC Solenoid 3
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- PC Solenoid 4
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- PC Solenoid 5
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Reset Transmissions Adapts**
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Reset Transmission Oil Life** a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Shift Transmission** a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **TCC Control Solenoid**
 - a Transmissions in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines

Bi-Directional Support for GM Brake Control Module

- **ABS Motor**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Automated Brake Bleed**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **LF Inlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **LF Outlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Rear Inlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Rear Outlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **RF Inlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **RF Outlet Valve Solenoid**
 - a Brakes in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines

Bi-Directional Support for GM Body Controllers:

- Accy/RAP Relay
 - Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Backup Lamps**
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Courtesy Lamp**
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Fog Lamps
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **High Beams**
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Horn
- a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- **Incandescent Dimming**
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines

- LED Dimming
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- LF Turn Signal
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- LR Turn Signal
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Low Beams
 - **Body Controllers in a 2010 to 2012** GMC Express and Chevy Savana 6.0L Gas engines
- Parking Lamp
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- RF Turn Signal
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- RR Turn Signal
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Run/Crank Relay
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Shift Lock Solenoid
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Wiper High Speed Relay
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Wiper Relay
 - a Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines
- Wiper Washer Motor
 - Body Controllers in a 2010 to 2012 GMC Express and Chevy Savana 6.0L Gas engines

Hino

- NEW! Supports reading faults and data from the engine in 2011 2019 Hino vehicles.
- Bi-Directional Support for Hino engines:
 - NEW! Cylinder Cut Out
 - a All engines in Hino 2011-2019 vehicles
 - NEW! DPF Manual Service Regen
 - a All engines in Hino 2011-2019 vehicles
 - NEW! DPF Soot Load Customization & DPF Soot Load
 - a All engines in Hino 2011-2019 vehicles

Isuzu

- Supports the following vehicle models from 2008 2017 with either the 5.2L (4HK1) or 3.0L (4JJ1) engine in both North America and Australia for F-Series faults (engine and DEF only) and N-Series faults and data (engine, DEF, and transmission only)
- Supports the medium duty GMLAN messages
- Gives the users the ability to read and clear faults and read freeze frames
- Displays emission test results in North America
- Bi-Directional Support for:
 - Cylinder Cut Out
 - a 5.2L (4HK1) or 3.0L (4JJ1) engine in North America
 - DPF Service Regen
 - a 5.2L (4HK1) or 3.0L (4JJ1) engine in North America

Sprinter

- Supports 2007 2015 Sprinter vehicles
- Sprinter support gives users the ability to read and clear faults, read sensor data and display emission test results
- Bi-Directional Support for:
 - Cylinder Cut Out
 - **EPA 07** Diesel engines
 - Compression Test
 - a for EPA 07 Diesel engines
 - DPF Service Regen
 - p for EPA 07 Diesel engines
 - Richer Gerale Rates Adjustment B 2007 A 301 5 Lestrement Cluster
 - র **নির্মান্ত ই শ্বেরাণ্ট ভিন্ত হৈ ।** প্র **ইনির্থক ইনির্ভা**র ভার্মানাজ্বলা Cluster
 - LCD Display Test Routine
 - a 2007 2015 Instrument Cluster
 - Speaker Test Routine
 - a 2007 2015 Instrument Cluster
 - Tire Pressure Monitor Test
 - **2007 2015** TPM

HARDWARE/SOFTWARE CONFIGURATION

- The following operating systems are supported:
 - a Windows 7 (both 32 and 64-bit versions) | Windows 8 and 8.1 Pro (both 32 and 64-bit versions) | Windows 10 (both 32 and 64-bit versions)
 - Note: Spanish operating systems are supported.

ADDITIONAL NOTES:

- Registration is required before the JPRO® Commercial Vehicle Diagnostics application can be used. Valid license key(s) will be required in order to register the
 application. Please ensure you have license key information available before you install. Registration over the Internet is required; off-line registration is not supported.
- The appropriate vehicle adapter driver must be installed in order to connect to a vehicle adapter device. This installation is separate and independent of the JPRO®
 Commercial Vehicle Diagnostics installation.
- The vehicle adapter driver must be RP1210C compliant and support a minimum of 2 CAN Channels to be used with the JPRO® Commercial Vehicle Diagnostics
 application.
- The DLA+ 2.0, DLA+, DLA+ 2.0 Wireless or DLA+ Wireless adapters are required in order to connect to the Ford, GM, Isuzu or Sprinter Medium Duty vehicles. Please ensure you have the latest driver and firmware loaded.
 - To connect to Ford: use the OBDII Cable for Ford (red), To connect to GM, use the OBDII Cable for GM (yellow), Sprinter: use the OBD Cable for Sprinter (blue for DLA+ adapter family or gray for DLA+ 2.0 adapter family), Hino or Isuzu: use the Generic OBD Cable (blue or gray)
- The JPRO® Heavy-Duty Support for Mack and Volvo only supports the following adapters:
 - Noregon DLA+ 2.0, DLA+, DLA+ 2.0 Wireless, DLA+ Wireless and DLA+ PLC | Vocom 88890300 | NEXIQ USB-Link™ | NEXIQ USB-Link™ 2





