



## HEAVY-DUTY FEATURES:

### JPRO FEATURES:

- Enhanced Aftertreatment screen includes the ability to view the following subsystems with related data:
  - DEF Tank and Pump
  - DPF and DOC
  - Engine, EGR, and Turbocharger
  - SCR
- Ability to launch Maximum Road Speed, Cruise Speed, and Idle Shutdown parameter adjustments directly from the Vehicle Key Data Points display if available.

### CATERPILLAR:

- **Bi-Directional support for Caterpillar engines:**
  - **Cylinder Cut-Out Test** now supports C12
  - **Injector Solenoid Test** now supports C12 and C13
  - **Injector Trim Calibration** now supports C13
  - **Intake Valve Actuator Test** C13 and C15
  - **Intake Valve Actuator Solenoid Test** now supports C13

### CUMMINS:

- **New Bi-Directional support for Cummins engines:**
  - **Cylinder Misfire Monitor Test** for CNG: all ISX 12G and ISX12N engines

### DETROIT DIESEL:

- **Additional Bi-Directional support for Detroit engines:**
  - **Cruise Speed Limits**
    - **Max Cruise Set Speed & Min Cruise Set Speed**
      - Now supports GHG17 with engine software version APP\_0411 and App\_2109
  - **Cylinder Cut-Out** now supports GHG17 with MCM software version mcm\_0x06ED
  - **DEF Coolant Valve Control Test** now supports GHG17 with MCM software version mcm\_0x06ED and ACM software version acm\_0x023E
  - **DEF Quantity Test** now supports GHG17 with ACM software version acm\_0x023E
  - **DOC Face Plug Cleaning** now supports GHG17 with engine software version App\_0411 and MCM software version mcm\_0x06ED
  - **DPF Service Regen** now supports GHG17 with engine software version App\_0411

- **Hydrocarbon Doser Purge** now supports GHG17 with MCM software version mcm\_0x06ED
- **Idle Shutdown**
  - **Idle Shutdown Status and Idle Shutdown Time**
    - Now supports GHG17 with engine software version APP\_0411 and App\_2109
- **Parked SCR Efficiency Test** now supports GHG17 with engine software version App\_0411, App\_2109 and ACM software version acm\_0x023E
- **Performance Check Low Temp ATD** now supports GHG17 with engine software version App\_0408, App\_040D, App\_040E, App\_0410, App\_0411, App\_2104, App\_2105, App\_2107, App\_2108, and App\_2109
- **Road Speed Limits**
  - **Maximum Road Speed Limits**
    - Now supports GHG17 with engine software version App\_0411 and App\_2109
- **SCR Airless Doser System (ADS) Self Check** now supports GHG17 with ACM software version acm\_0x0232, acm\_0x023E, and acm\_0x0236
- **SCR Output Component Test** now supports GHG17 with MCM software version mcm\_0x06D8, mcm\_0x06ED, and mcm\_0x06DE and ACM software versions acm\_0x0232, acm\_0x023E, and acm\_0x0236

### INTERNATIONAL

- **Additional Bi-Directional support for International engines:**
  - **Aftertreatment Fuel Enable Actuator Leak Test** for A26 engines
  - **Aftertreatment Hydrocarbon Doser Leak Test** for A26 engines
  - **Aftertreatment Hydrocarbon Dosing System Test** for A26 engines
  - **Auxiliary Engine Speed Control (PTO) Parameters** for **EPA 07:** Maxxforce 7, DT, 9, 10, 11, and 13 engines | **EPA 10** Maxxforce 7, 9, DT, 11, 13, and 15 engines | N9, N10, 2013 N13, 2015 N13, and A26 engines
    - **Parameters included:** General Parameters, Enable/Disable Parameters, Preset Parameters, Advanced Configuration Parameters, Configuration Parameters
    - **NOTE: Access to this can be removed. Contact Noregon support for more information**
  - **DOC/DPF Replacement Reset** now supports A26 engines
  - **Idle Shutdown Time** now supports **EPA 13** Maxxforce 7, 9, DT, 11, and 13 engines | N9, N10, 2013 N13, 2015 N13, and A26 engines
    - Idle Shutdown Timer Mode, Engine Idle Shutdown Time - No Parking Brake Set, Idle Shutdown Time with Park Brake

- **Road and Cruise Speeds** now supports **EPA 13** Maxxforce 7, 9, DT, 11, and 13 engines | N9, N10, N13, and A26 engines
  - 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
  - **NOTE: Access to this can be removed. Contact Noregon support for more information**
- **SCR Faults Reset** now supports A26 engines
- **VSS Parameters** for **EPA 07**: Maxxforce 7, DT, 9, 10, 11, and 13 engines | **EPA 13** Maxxforce 7, 9, DT, 11, and 13 engines | N9, N10, 2013 N13, 2015 N13 and A26 engines
  - 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 Signal Mode, Vehicle Speed Source Selection when Split Shaft is Active
  - **NOTE: Access to this can be removed. Contact Noregon support for more information**
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  - **NOTE: Access to this can be removed. Contact Noregon support for more information**
- **SCR Faults Reset** now supports A26 engines
- **VSS Parameters** for **EPA 07**: Maxxforce 7, DT, 9, 10, 11, and 13 engines | **EPA 13** Maxxforce 7, 9, DT, 11, and 13 engines | N9, N10, 2013 N13, 2015 N13 and A26 engines
  - 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 Signal Mode, Vehicle Speed Source Selection when Split Shaft is Active
  - **NOTE: Access to this can be removed. Contact Noregon support for more information**

## MACK & VOLVO

- **Bi-Directional support for Mack and Volvo engines:**
  - **VGT Electronic Actuator Installation and Calibration** for EPA12 to GHG17

## PACCAR

- **Additional Bi-Directional support for Paccar engines:**
  - **DEF Heater Test** for EPA 10 to EPA GHG17 all MX engines
  - **Enable Regeneration after Aftertreatment System Repair** (Contact Noregon support to help verify this tests on GHG17 MX engines)
  - **Evaluate NOx Sensors Test** for EPA 13 all MX engines
  - **Install a New or Cleaned DPF** (Contact Noregon support to help verify this tests on GHG17 MX engines)
  - **Reset the soot Level** (Contact Noregon support to help verify this tests on GHG17 MX engines)
  - **Turbo Actuator Effort Test** now supports GHG17 all MX engines

## BENDIX

- **Bendix Sheppard Active steering Component data and faults support added.**
- **Supports reading fault codes and sensor data for Bendix EC-80 EAC.**
- **Additional Bi-Directional support for Bendix Tractor Brakes:**
  - **ABS Configuration** for EC-80 braking systems
    - Now supports J1939 broadcast parameters
  - **ECU Reset** for EC-60 and EC-80 braking systems
- **Additional Bi-Directional support for Driver Assistance Systems (DAS):**
  - **Wingman FLR Configuration Test** now defines Following Distance Alerts configuration numbers.
  - **Safety Direct Event Reporting Parameter** is configurable in AutoVue® 3G Configuration and SDP3/SDP5 Configuration
  - **Enhanced handling of clearing faults** when the FLC20 Image Processor Calibration Error is present.
  - **SPTAC Calibration test** has updated the SPC Parameters support
  - **TSR Configuration** now supports configuration of SA for Country Select and TSR Enable/Disable Parameters.
- **Additional Bi-Directional support for Tire Pressure Monitoring System (TPMS):**
  - **TPMS Signal Strength Test** now supports saving a ll received signal strength information to a file that can be sent to Bendix engineering for analysis..
  - **TPMS Parameters** Now supports changing Vehicle Type and Vehicle ID for NextGen TPMS controllers.
  - **Bi-Directional Support for Bendix TPMS:**
    - **TPMS Lamp Display Configuration** for SmartTire™ Standard and NextGen TPMS solutions.

## MEDIUM-DUTY FEATURES:

### FORD:

- Support added for the following Ford models:
  - **F-series** – 2019 to 2020
  - **F-650 & F-750** – 2019-2020
  - **Ford Motor Home** – 2015 to 2020
  - **Econoline E-Series** – 2019 to 2020
  - **Transit Vehicles** – 2019 to 2020