WHAT'S NEW

- JPRO® Road Worthiness now includes Clean Truck Check – Emission Test Pre-scan
  - ✓ Indicates if the vehicle is ready to submit a scan using Truck Check Up for California Air Resources Board's (CARB) emissions compliance.

  NOTE: CTC – Emission Test Prescan cannot guarantee CARB compliance.

  NOTE: CTC Prescan does not currently support Mack or Volvo vehicles.

- Clean Truck Check Data Items group for Data Monitor displays J1939 emissions compliance data to assist with troubleshooting before using Truck Check Up.

JPRO® Heavy-Duty Features

Engine Support

Heavy-Duty Support for Detroit Diesel

- Bi-Directional support for Detroit Diesel engines:

Bi-Directional Test	Supported On
Fuel System Integrity Check Automatic	- CPC501T with ACM301T and MCM21T
Fuel System Integrity Check Leak	- CPC501T with ACM301T and MCM21T
Fuel System Integrity Check Manual	- CPC501T with ACM301T and MCM21T

Heavy-Duty Support for PACCAR

- Bi-Directional support for PACCAR engines:

Bi-Directional Test	Supported On
Injector Calibration Test	- EPA13 all MX engines - GHG17 MX13 engines

Transmission Support

Heavy-Duty Support for Detroit Diesel

- Bi-Directional support for Detroit Diesel transmissions:

Bi-Directional Test	Supported On
Gear Split Range Activation Test	• DT12 TCM01T and TCM05T transmissions
TCM Release Lock	• DT12 TCM01T and TCM05T transmissions
Tilt Sensor Calibration	• Now Supports DT12 TCM01T transmissions

JPRO® Medium-Duty Features

Medium-Duty Support for Ford

- Supports the following Ford models:

  ✓ F-series – 1999 to 2024
  ✓ Econoline E-series – 2004 to 2024
  ✓ Ford Motorhome/Incomplete Chassis (F-53/F-59) – 2015 to 2022
  ✓ Transit Connect – 2004 to 2022
  ✓ Transit vehicles – 2004 to 2022

- Supports the following Cummins engines in Ford models:

  ✓ Cummins 5.9L ISB
  ✓ Cummins 6.7L ISB
  ✓ Cummins 8.3L ISB
  ✓ Cummins ISB

- Supports the following Caterpillar engines in Ford models:

  ✓ CAT 3126B Truck
  ✓ CAT 31126E Truck
  ✓ CAT C-7 Truck

- Bi-Directional support for Ford Auxiliary components:

Bi-Directional Test	Supported On

DPF Regeneration (Static)	• Body Control Module
	• Powertrain Control Model
	   ○ 3.2L I5 Diesel
	   ○ 6.4L V-8 Diesel
	   ○ 6.7L V-8 Diesel
	• Transmission Control Module

G-Sensor Calibration Test	• Body Control Module
	• Powertrain Control Model
	   ○ 2.7L 4V V-6
	   ○ 3.5L V-6
	   ○ 4.6L 2V V-8
	   ○ 5.0L V-8 Gas
	   ○ 6.2L V-8 Gas
	   ○ 6.4L V-8 Diesel
	   ○ 6.7L V-8 Diesel
	   ○ 6.8L V-10 Gas
	   ○ 7.3L V-8 Gas

KAM (Keep Alive Memory) Reset	• Body Control Module
	• Powertrain Control Model
	   ○ 2.7L 4V V-6
	   ○ 3.2L I5 Diesel
	   ○ 3.5L EcoBoost V-6 Gas
	   ○ 3.5L V-6
	   ○ 3.5L 4V V-6 Gas
	   ○ 4.2L V-6
	   ○ 4.6L 2V V-8
	   ○ 4.6L 3V V-8
	   ○ 5.0L 4V V-8
	   ○ 5.0L V-8
	   ○ 5.4L 3V V-8
	   ○ 5.4L V-8 Gas
	   ○ 6.2L V-8 Gas
	   ○ 6.4L V-8 Diesel
	   ○ 6.7L V-8 Diesel
	   ○ 6.8L 2V V-10
	   ○ 6.8L 3V V-10 Gas
	   ○ 6.8L V-10 Gas

Bi-Directional Test	Supported On
	o 7.3L V-8 Gas • Transmission Control Module
KOEO Injector Buzz Test	• Body Control Module • Powertrain Control Model o 3.2L I5 Diesel o 6.7 V-8 Diesel • Transmission Control Module
KOEO On-Demand Self Test	• Body Control Module • Powertrain Control Model o 2.7L 4V V-6 o 3.2L I5 Diesel o 3.5L EcoBoost V-6 Gas o 3.5L V-6 o 3.7L 4V V-6 Gas o 3.7L V-6 Gas o 4.6L 2V V-8 o 4.6L 3V V-8 o 5.0L 4V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 6.2L V-8 Gas o 6.7L V-8 Diesel o 6.8L 2V V-10 o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas • Transmission Control Module
KOER Glow Plug Monitor Self Test	• Body Control Module • Powertrain Control Model o 6.7L V-8 Diesel • Transmission Control Module

Bi-Directional Test	Supported On
KOER On-Demand Self Test	- Body Control Module - Powertrain Control Model 2.7L 4V V-6 3.2L I5 Diesel 3.5L V-6 3.5L 4V V-6 Gas 4.6L 2V V-8 4.6L 3V V-8 5.0L 4V V-8 5.0L V-8 5.0L V-8 Gas 5.4L 2V V-8 5.4L V-8 Gas 6.2L V-8 Gas 6.4L V-8 Diesel 6.7L V-8 Diesel 6.8L 2V V-10 6.8L 3V V-10 Gas 6.8L V-10 Gas 7.3L V-8 Gas 7.3L V-8 Premium Gas - Transmission Control Module
KOER Switch Test	- Body Control Module - Powertrain Control Model 2.5L DOHC PFI I-4 Gas 2.7L 4V V-6 3.2L I5 Diesel 3.5L EcoBoost V-6 Gas 3.5L V-6 3.7L 4V V-6 Gas 4.6L 2V V-8 4.6L 3V V-8 5.0L V-8 5.4L 3V V-8 5.4L 3V V-8 Gas 6.2L V-8 Gas 6.4L V-8 Diesel

Bi-Directional Test	Supported On
	6.7L V-8 Diesel 6.8L 3V V-10 Gas 6.8L V-10 Gas 7.3L V-8 Gas • Transmission Control Module
Misfire Profile Correction Learn Test	• Body Control Module • Powertrain Control Model 2.5L DOHC PFI I-4 Gas 2.7L 4V V-6 3.3L V-6 3.5L EcoBoost V-6 Gas 3.5L V-6 3.5L V6 Cyclone V-6 Gas 3.5L V-6 Gas 3.7L 4V V-6 Gas 4.6L 2V V-8 4.6L 3V V-8 5.0L 4V V-8 5.0L V-8 5.4L 2V V-8 5.4L 3V V-8 5.4L V-8 5.4L V-8 Gas 6.2L V-8 Gas 6.8L 2V V-10 Gas 6.8L 3V V-10 Gas 6.8L V-10 Gas 7.3L V-8 Gas 7.3L V-8 Premium Gas
Misfire Monitor Test	• Body Control Module • Powertrain Control Model 2.5L DOHC PFI I-4 Gas 2.7L 4V V-6 3.3L V-6 3.5L EcoBoost V-6 Gas 3.5L V-6 3.5L V6 Cyclone V-6 Gas

Bi-Directional Test	Supported On
	o 3.5L V-6 Gas o 3.7L 4V V-6 Gas o 3.7L V-6 Gas o 4.2L V-6 o 4.6L 2V V-8 o 4.6L 3V V-8 o 5.0L 4V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 5.4L 3V V-8 Gas o 6.2L V-8 Gas o 6.8L 2V V-10 o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas
On-Demand Self Test	• Body Control Module • Powertrain Control Model o 2.7L 4V V-6 o 3.2L I5 Diesel o 3.5L V-6 o 3.5L V-6 Gas o 3.7L 4V V-6 Gas o 3.7L V-6 Gas o 4.6L 2V V-8 o 5.0L 4V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 6.2L V-8 Gas o 6.4L V-8 Diesel o 6.7L V-8 Diesel o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o Navistar 6.0L V-8 Diesel

Bi-Directional Test	Supported On
Power Balance Test	- Body Control Module - Powertrain Control Model 2.5L DOHC PFI I-4 Gas 2.7L 4V V-6 3.2L I5 Diesel 3.3L V-6 3.5L EcoBoost V-6 Gas 3.5L V-6 3.5L V6 Cyclone V-6 Gas 3.5L V-6 Gas 3.7L 4V V-6 Gas 3.7L V-6 Gas 4.6L 2V V-8 4.6L 3V V-8 5.0L V-8 5.0L V-8 Gas 5.4L 2V V-8 5.4L V-8 5.4L V-8 Gas 6.2L V-8 Gas 6.4L V-8 Diesel 6.7L V-8 Diesel 6.8L 2V V-10 Gas 6.8L 3V V-10 Gas 6.8L V-10 Gas 7.3L V-8 Gas 7.3L V-8 Premium Gas - Transmission Control Module
Relative Compression Test	- Body Control Module - Powertrain Control Model 2.5L DOHC PFI I-4 Gas 2.7L 4V V-6 3.2L I5 Diesel 3.3L V-6 3.5L EcoBoost V-6 Gas 3.5L V-6 3.5L V-6 Gas

Bi-Directional Test	Supported On
	o 3.7L 4V V-6 Gas o 3.7L V-6 Gas o 4.6L 2V V-8 o 4.6L 3V V-8 o 5.0L 4-V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 5.4L V-8 o 5.4L V-8 Gas o 6.2L V-8 Gas o 6.4L V-8 Diesel o 6.7L V-8 Diesel o 6.8L 2V V-10 Gas o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas • Transmission Control Module
Sensor Initialization	• Body Control Module • Powertrain Control Model o 2.5L DOHC PFI I-4 Gas o 2.7L 4V V-6 o 3.5L V-6 o 3.7L V-6 Gas o 4.6L 2V V-8 o 5.0L V-8 Gas o 6.2L V-8 Gas o 6.7L V-8 Diesel o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas
Set EGR Position	• Body Control Module • Powertrain Control Model o 6.7L V-8 Diesel
Transmission Adaptive Learn Tests	• Body Control Module • Powertrain Control Model

Bi-Directional Test	Supported On
	o 6.8L 3V V-10 Gas o 7.3L V-8 Gas
Wiggle Test / Performance Issue Monitoring	• Powertrain Control Model o 2.7L 4V V-6 o 3.2L I5 Diesel o 6.4L V-8 Diesel o 6.7L V-8 Diesel

- Bi-Directional support for Ford brakes:

Bi-Directional Test	Supported On
Battery Voltage Test	• Bendix EC-60 Standard ABS
Dashboard Lamp Tests	• Bendix EC-60 Premium ABS • Bendix EC-80 ABS

- Bi-Directional support for Ford Driver Assistance Systems:

Bi-Directional Test	Supported On
IPMA Camera Alignment	• Image Processing Module A forward facing camera with 2019 – 2022 supported engines

- Bi-Directional support for Ford engines:

Bi-Directional Test	Supported On
Misfire Profile Correction Learn Test	• 2019 6.8L CNG engines • 2020 – 2022 7.3L gasoline engines

- Bi-Directional support for Ford Transmission Systems:

Bi-Directional Test	Supported On
Dashboard Lamp Tests	• Allison 3000/4000 5th Gen
Enable/Disable ATC (Automatic Traction Control)	• Allison 3000/4000 5th Gen
Memorized Components Reset	• Allison 3000/4000 5th Gen
Reset Filter Life	• Allison 3000/4000 5th Gen

Bi-Directional Test	Supported On
Reset Oil Life	• Allison 3000/4000 5th Gen
Service Indicator Lamp Test	• Allison 3000/4000 5th Gen
Transmission Fault Lamp Test	• Allison 3000/4000 5th Gen
Wiggle Test / Performance Issue Monitoring	• Allison 3000/4000 5th Gen

Medium-Duty Support for GM

- Supports the following Cummins Engines in GM models:
  - ✓ Cummins B6.7

- Bi-Directional support for GM Auxiliary components:

Bi-Directional Test	Supported On
CMP Actuator Solenoid	• Engine Control Module
Crankshaft Position Variation Learn	• Engine Control Module
Cylinder Cut-Out Test	• Engine Control Module
Engine Speed Control	• Engine Control Module
EVAP Purge Solenoid	• Engine Control Module
EVAP Vent Solenoid	• Engine Control Module
Fuel Injector Balance	• Engine Control Module
Fuel Trim Enable	• Engine Control Module
HO2S Bank 1 Sensor 1 Heater	• Engine Control Module
HO2S Bank 2 Sensor 1 Heater	• Engine Control Module
HO2S Bank 2 Sensor 2 Heater	• Engine Control Module
Idle Spark	• Engine Control Module
Misfire Graphic	• Engine Control Module
Reset Fuel Trim	• Engine Control Module
Reset HO2S	• Engine Control Module

Bi-Directional Test	Supported On
Spark Retard Angle	• Engine Control Module
Throttle Position	• Engine Control Module
Throttle Position Sweep	• Engine Control Module

• Bi-Directional support for GM Engines:

Bi-Directional Test	Supported On
A/C Relay	• 6.0L V8 (L96)
CMP Actuator Solenoid	• 6.0L V8 (L96)
Crankshaft Position Variation Learn	• 6.0L V8 (L96)
Cylinder Cut-Out Test	• 6.0L V8 (L96) • 6.6L V8 (LBT)
DPF Catalyst Reset	• 6.0L V8 (L95)
DPF Pressure Sensor Reset	• 6.0L V8 (L95)
DPF Service Regeneration	• 6.0L V8 (L95) • 6.6L V8 (LML) • 6.6L V8 (LMM)
Engine Speed Control	• 6.0L V8 (L96)
EVAP Purge Solenoid	• 6.0L V8 (L96)
EVAP Purge/Seal Solenoid	• 6.0L V8 (L96)
EVAP Vent Solenoid	• 6.0L V8 (L96)
Fuel Closed Loop Status	• 6.0L V8 (L96)
Fuel Injector Balance	• 6.0L V8 (L96)
Fuel Pump Relay	• 6.0L V8 (L96)
Fuel Trim Enable	• 6.0L V8 (L96)
GEN L-Terminal	• 6.0L V8 (L96)
HO2S Bank 1 Sensor 1 Heater	• 6.0L V8 (L96)
HO2S Bank 1 Sensor 2 Heater	• 6.0L V8 (L96)
HO2S Bank 2 Sensor 1 Heater	• 6.0L V8 (L96)

Bi-Directional Test	Supported On
HO2S Bank 2 Sensor 2 Heater	• 6.0L V8 (L96)
Idle Spark	• 6.0L V8 (L96)
Malfunction Indicator Lamp	• 6.0L V8 (L96)
Misfire Graphic	• 6.0L V8 (L96)
NOx Sensor 1 Reset	• 6.0L V8 (L95)
NOx Sensor 2 Reset	• 6.0L V8 (L95)
Reset Fuel Trim	• 6.0L V8 (L96)
Reset HO2S Heater Learn	• 6.0L V8 (L96)
Reset Oil Life	• 6.0L V8 (L96)
Spark Retard Angle	• 6.0L V8 (L96)
Throttle Position	• 6.0L V8 (L96)
Throttle Position Sweep	• 6.0L V8 (L96)

JPRO® Off-Highway Features

• When selecting the off-highway connection type you will be asked if you are connecting to John Deere equipment. Select "Yes" to connect to John Deere equipment. Select "No" for all other off-highway equipment.

Off-Highway Support for Deutz

• Supports reading and clearing SAE faults
• Supports reading proprietary sensor data for the listed Deutz engines:
    ✓ EMR 3 - EDC 16 UC40, Electronic Diesel Control, Common Rail
    ✓ EMR 3 - EDC 7 UC31, Electronic Diesel Control, Common Rail
    ✓ EMR 4 - EDC 17 CV52, Electronic Diesel Control, Common Rail
    ✓ EMR 4 - EDC 17 CV54, Electronic Diesel Control, Common Rail
    ✓ EMR 4 - EDC 17 CV56, Electronic Diesel Control, Common Rail

NOTE: Deutz 12-pin Off-Highway cable is required.

Ahlmann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ahlmann Off-Highway equipment types and models:

Equipment Type	Supported On
Wheel Loaders	2008 – Current - AZ 150E ✓ EMR3 – EDC 7 UC31 - AZ 210 ✓ EMR3 – EDC 7 UC31 2010 – Current - AZ 150E ✓ EMR3 – EDC 16 UC40 - AZ 210 ✓ EMR3 – EDC 16 UC40 2014 – Current - AF 1050 ✓ EMR4 - EDC 17 CV52 - AF 1200 ✓ EMR4 - EDC 17 CV52 - AT 1050 TELE ✓ EMR4 - EDC 17 CV52 - AT 900 TELE ✓ EMR4 - EDC 17 CV52 - AZ 150F ✓ EMR4 - EDC 17 CV52 - AZ 210F ✓ EMR4 - EDC 17 CV52 - AZ 55F ✓ EMR4 - EDC 17 CV54 - AZ 75F ✓ EMR4 - EDC 17 CV52 - AZ 95E ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - AZ 95F ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	2019 – 2025 - AX - EMR4 - EDC 17 CV54 2020 – Current - AZ 210F - EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Ammann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ammann Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2014 – Current - AFT 200-2 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - AFT 300-2 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - AFT 400-2 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - AFT 400-3 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Drum Roller	2013 – 2022 - ASC 110 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV56
Pneumatic Roller	2014 - Current - ARS 150 - EMR4 - EDC 17 CV52 - ARS 170

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52
	• 2020 - Current
	   o ARS 150
	     ✓ EMR4 - EDC 17 CV56
	   o ARS 170
	     ✓ EMR4 - EDC 17 CV56

Soil Compactor	• 2014 – Current
	   o AFW 400-3
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARP 95
	     ✓ EMR4 - EDC 17 CV52
	   o EMR4 - EDC 17 CV54ARP 95C
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARS 110
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARS 130
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARX 110
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARX 110C
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o ARX 110K
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

Tandem Roller	• 2008 - Current
	   o AFW 400-2
	     ✓ EMR3 - EDC 7 UC31
	   o AFW 400-3
	     ✓ EMR3 - EDC 7 UC31
	   o ARS 200
	     ✓ EMR3 - EDC 7 UC31

- ○ ARS 220
  - ✓ EMR3 - EDC 7 UC31
- 2010 - Current
  - ○ AFW 400-2
    - ✓ EMR3 - EDC 16 UC40
  - ○ AFW 400-3
    - ✓ EMR3 - EDC 16 UC40
  - ○ ARS 200
    - ✓ EMR3 - EDC 16 UC40
  - ○ ARS 220
    - ✓ EMR3 - EDC 16 UC40
- 2014 - Current
  - ○ AFW 400-2
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ ARS 200
    - ✓ EMR4 - EDC 17 CV52
  - ○ ARS 220
    - ✓ EMR4 - EDC 17 CV52
  - ○ ART 240
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ ARS 280
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ ARX 90
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ ARX 90C
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ ARX 90K
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
- 2020 - Current
  - ○ ARS 200
    - ✓ EMR4 - EDC 17 CV56
  - ○ ARS 220
    - ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Armatrac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Armatrac Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2014 - Current 1104 LUX SERIES - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 1254 LUX CRD4 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 804.4 LUX SERIES - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

ASV

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ASV Off-Highway equipment types and models:

Equipment Type	Supported On
Compact Track Loader	2007 – 2014 - RT 65 - EMR4 - EDC 17 CV54 2014 – Current - RT 75 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - VT 70 - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Atlas

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Atlas Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	2014 – Current 170LC Series ✓ EMR4 - EDC 17 CV52 190LC Series ✓ EMR4 - EDC 17 CV52 2020 – Current 160LC Series ✓ EMR4 - EDC 17 CV56 170LC Series ✓ EMR4 - EDC 17 CV56 210LC Series ✓ EMR4 - EDC 17 CV56 340LC Series ✓ EMR4 - EDC 17 CV56
Material Handler	2010 – Current 350MHE Series ✓ EMR3 - EDC 16 UC40 2014 – Current 160MH Series ✓ EMR4 - EDC 17 CV52 180MH Series ✓ EMR4 - EDC 17 CV52 200MH Series ✓ EMR4 - EDC 17 CV52 350MHE Series ✓ EMR4 - EDC 17 CV52 520MH Series ✓ EMR4 - EDC 17 CV52 2020 – Current 400MHE Series ✓ EMR4 - EDC 17 CV56
Railroad Excavator	2014 - Current

Equipment Type	Supported On
	o 1400ZW Series ✓ EMR4 - EDC 17 CV52 o 1600ZW Series ✓ EMR4 - EDC 17 CV52

Wheel Excavator	• 2010 – Current
	 o 150W Series
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	 o 140W Series
	  ✓ EMR4 - EDC 17 CV52
	 o 150W Series
	  ✓ EMR4 - EDC 17 CV52
	 o 160W Series
	  ✓ EMR4 - EDC 17 CV52
	 o 160WSR Series
	  ✓ EMR4 - EDC 17 CV52
	 o 180WSR Series
	  ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	 o 180WSR Series
	  ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

AUSA

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following AUSA Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• 2014 – Current
	 o D1000 AP
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o D1000 APG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o D1001 APG
	   ✓ EMR4 - EDC 17 CV52
	o D600 AP
	   ✓ EMR4 - EDC 17 CV52
	o D601 AHG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o D601 APG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o DR1001 AHG
	   ✓ EMR4 - EDC 17 CV52
	o DR601 AHG
	   ✓ EMR4 - EDC 17 CV52

Compact Track Loader	• 2014 – Current
	o C500 H
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C501 H
	   ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Basak

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Basak Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	• 2014 – Current o 5120 (RED POWER) ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

Landfill Compactor	• 2021– 2025
	    ○ 5095
	        ✓ EMR4 - EDC 17 CV52

Tractor	• 2014 – Current
	    ○ 5115
	        ✓ EMR4 - EDC 17 CV52
	    ○ 5120 (RED POWER)
	        ✓ EMR4 - EDC 17 CV52
	• 2017 – 2025
	    ○ 5105
	        ✓ EMR4 - EDC 17 CV52
	• 2022 – 2025
	    ○ 5075
	        ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Belarus-MTZ

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Belarus-MTZ Off-Highway equipment types and models:

Equipment Type	Supported On

Loader	• 2012 – 2016
	    ○ 3000 Series
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR3 - EDC 16 UC40
	        ✓ EMR3 - EDC 7 UC31
	• 2012 – 2024
	    ○ 2000 Series
	        ✓ EMR3 - EDC 16 UC40

Pneumatic Roller	• 2014 – 2024
	    ○ 1000 Series
	        ✓ EMR3 - EDC 16 UC40
	        ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
Tractor	2008 – Current 900 Series ✓ EMR3 - EDC 7 UC31 2010 – Current 1500 Series ✓ EMR3 - EDC 16 UC40 900 Series ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Bobcat

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bobcat Off-Highway equipment types and models:

Equipment Type	Supported On
Compact Track Loader	2008 – Current - TL300 Series ✓ EMR3 - EDC 7 UC31 - TL400 Series ✓ EMR3 - EDC 7 UC31 2010 – Current - TL300 Series ✓ EMR3 - EDC 16 UC40 - TL400 Series ✓ EMR3 - EDC 16 UC40 2014 – Current - TL300 Series ✓ EMR4 - EDC 17 CV54 - TL400 Series ✓ EMR4 - EDC 17 CV54
Telescopic Crane	2008 – Current - T40000 Series ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
	2010 – Current - T40000 Series - EMR3 - EDC 16 UC40 2014 – Current - T40000 Series - EMR4 - EDC 17 CV54 - TR40000 Series - EMR4 - EDC 17 CV52 - TR50000 Series - EMR4 - EDC 17 CV52 - TR60000 Series - EMR4 - EDC 17 CV52
Telescopic Loader	2008 – Current - TL35000 Series - EMR3 - EDC 7 UC31 2010 – Current - TL35000 Series - EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Bomag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bomag Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2008 – Current - BF 800 Series - EMR3 - EDC 7 UC31 - BF 900 Series - EMR3 - EDC 7 UC31 2010 – Current - BF 800 Series - EMR3 - EDC 16 UC40 - BF 900 Series - EMR3 - EDC 16 UC40

Equipment Type	Supported On

Compactor	• 2014 – Current
	    ○ BW 100 Series
	        ✓ EMR4 - EDC 17 CV52
	    ○ BW 200 Series
	        ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	    ○ BW 200 Series
	        ✓ EMR4 - EDC 17 CV56

Landfill Compactor	• 2008 – Current
	    ○ BC 1000 Series
	        ✓ EMR3 - EDC 7 UC31
	    ○ BC 400 Series
	        ✓ EMR3 - EDC 7 UC31
	    ○ BC 500 Series
	        ✓ EMR3 - EDC 7 UC31
	    ○ BC 600 Series
	        ✓ EMR3 - EDC 7 UC31
	    ○ BC 700 Series
	        ✓ EMR3 - EDC 7 UC31
	    ○ BC 900 Series
	        ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	    ○ BC 1000 Series
	        ✓ EMR3 - EDC 16 UC40
	    ○ BC 400 Series
	        ✓ EMR3 - EDC 16 UC40
	    ○ BC 500 Series
	        ✓ EMR3 - EDC 16 UC40
	    ○ BC 600 Series
	        ✓ EMR3 - EDC 16 UC40
	    ○ BC 700 Series
	        ✓ EMR3 - EDC 16 UC40
	    ○ BC 900 Series
	        ✓ EMR3 - EDC 16 UC40

Motor Grader	• 2008 – Current ○ BW 200 Series

Equipment Type	Supported On
	✓ EMR3 - EDC 7 UC31 ○ BW 27RH Series ✓ EMR3 - EDC 7 UC31 • 2010 – Current ○ BW 200 Series ✓ EMR3 - EDC 16 UC40 ○ BW 27RH Series ✓ EMR3 - EDC 16 UC40 • 2014 – Current ○ BM 500 Series ✓ EMR4 - EDC 17 CV52 ○ BM 600 Series ✓ EMR4 - EDC 17 CV52 ○ BW 200 Series ✓ EMR4 - EDC 17 CV52 ○ BW 27RH Series ✓ EMR4 - EDC 17 CV52 ○ BW 28RH Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 • 2020 – Current ○ BM 500 Series ✓ EMR4 - EDC 17 CV56 ○ BM 600 Series ✓ EMR4 - EDC 17 CV56 ○ BW 27RH Series ✓ EMR4 - EDC 17 CV56
Soil Stabilizer	• 2008 – Current ○ RS 600 Series ✓ EMR3 - EDC 7 UC31 • 2010 - Current ○ RS 600 Series ✓ EMR3 - EDC 16 UC40 • 2014 - Current ○ RS 600 Series ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Bulmor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bulmor Off-Highway equipment types and models:

Equipment Type	Supported On
Vibratory Compact	2014 – Current - DQ 60-80 Series ✓ EMR4 - EDC 17 CV54 - DQN 40-50 Series ✓ EMR4 - EDC 17 CV54 - DQR 50-80 Series ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Cabela's

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Cabella's Off-Highway equipment types and models:

Equipment Type	Supported On
Dozer	2014 – Current - LM75 ✓ EMR4 - EDC 17 CV54
Pneumatic Roller	2014 – Current - LM75 ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

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Carraro

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Cabella's Off-Highway equipment types and models:

Equipment Type	Supported On
Dozer	2014 – Current - Compact Series, Engine: Tier 5/Stage V - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Case CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Case CE Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2014 – Current - DV 200 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Soil Compactor	2014 – Current - SV 200 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - SV 210 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV56 2020 – Current - SV 210 Series - EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Caterpillar

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Caterpillar Off-Highway equipment types and models:

Equipment Type	Supported On

Smooth Drum	• 2014 – Current
	  o TH 400 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 2014 – Current
	  o TH 200 Series
	    ✓ EMR4 - EDC 17 CV54
	  o TH 300 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

CLAAS

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CLAAS Off-Highway equipment types and models:

Equipment Type	Supported On
Telescopic Loader	2010 – Current - Scorpion Series, Engine: Tier 1/Stage I-Tier 3/Stage III ✓ EMR3 - EDC 16 UC40 2014 – Current - Scorpion Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - Scorpion Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2020 – Current - Scorpion Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV56 - Scorpion Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Clark

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Clark Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current - C 40-55S ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - C 60-80

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o C 60D-80D ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

CombiLift

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	o C-10000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C-12000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C-14000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C-17000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C-22000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o C-26000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o SL-10000 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o SL-12000 Series
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54 o SL-4000 Series 　✓ EMR4 - EDC 17 CV52 　✓ EMR4 - EDC 17 CV54 o SL-5000 Series 　✓ EMR4 - EDC 17 CV52 　✓ EMR4 - EDC 17 CV54 o SL-6000 Series 　✓ EMR4 - EDC 17 CV52 　✓ EMR4 - EDC 17 CV54 o SL-9000 Series 　✓ EMR4 - EDC 17 CV52 　✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Deutz

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Deutz Off-Highway equipment types and models:

Equipment Type	Supported On
Engine	• 2008 – Current 　o TCD 2012 L04 　　✓ EMR3 - EDC 16 UC40 　　✓ EMR3 - EDC 7 UC31 　o TCD 2012 L06 　　✓ EMR3 - EDC 16 UC40 　　✓ EMR3 - EDC 7 UC31 　o TCD 2013 L04 　　✓ EMR3 - EDC 16 UC40 　　✓ EMR3 - EDC 7 UC31 　o TCD 2013 L06 　　✓ EMR3 - EDC 16 UC40 • 2010 – Current 　o TCD 2013 L06 　　✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On

	• 2013 – Current
	    ○ TCD 3.6
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	    ○ TCD 4.1
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV56
	    ○ TCD 6.1
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV56
	    ○ TCD 7.8
	        ✓ EMR4 - EDC 17 CV52
	    ○ TCD 2.2
	        ✓ EMR4 - EDC 17 CV54
	    ○ TCD 2.9
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	    ○ TCD 3.6
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	• 2014 – Current
	    ○ D 2.9
	        ✓ EMR4 - EDC 17 CV52
	    ○ TCD 12.0
	        ✓ EMR4 - EDC 17 CV52
	    ○ TCD 16.0
	        ✓ EMR4 - EDC 17 CV52
	    ○ TCD 2.2
	        ✓ EMR4 - EDC 17 CV54
	    ○ TCD 2.9
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	    ○ TCD 2013 L06
	        ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Deutz-Fahr

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Deutz Off-Highway equipment types and models:

Equipment Type	Supported On
Crawler Loader	2013 – Current - AGROTRON 600 TTV Series - EMR3 - EDC 16 UC40
Telescopic Loader	2013 – Current - AGROVECTOR Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - EMR3 - EDC 16 UC40 - EMR3 - EDC 7 UC31
Tractor	2007 – 2012 6 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV56 2008 – Current 6 G Series - EMR3 - EDC 7 UC31 6 W Series - EMR3 - EDC 7 UC31 2010 – Current 6 G Series - EMR3 - EDC 16 UC40 6 W Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 7 UC31 2013 – Current 5 C Series - EMR4 - EDC 17 CV54 5 P Series - EMR4 - EDC 17 CV54 5 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54

Equipment Type	Supported On
	o 5 TTV Series ✓ EMR4 - EDC 17 CV54 o ARGOFARM 400 TTV Series ✓ EMR3 - EDC 16 UC40 o ARGOFARM Series ✓ EMR3 - EDC 16 UC40 o ARGOTRON 1000 TTV Series ✓ EMR3 - EDC 16 UC40 o ARGOTRON 400 TTV Series ✓ EMR3 - EDC 16 UC40 o ARGOTRON K Series ✓ EMR3 - EDC 16 UC40 o ARGOTRON L Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 o ARGOTRON M Series ✓ EMR3 - EDC 16 UC40 o ARGOTRON X Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 • 2014 – Current o 6 C Series ✓ EMR4 - EDC 17 CV52 o 6 C TTV Series ✓ EMR4 - EDC 17 CV52 o 6 TTV Series ✓ EMR4 - EDC 17 CV52 o 7 ST Series ✓ EMR4 - EDC 17 CV52 o 7 TTV Series ✓ EMR4 - EDC 17 CV52 o 8 TTV Series ✓ EMR4 - EDC 17 CV52 o 9 TTV Series ✓ EMR4 - EDC 17 CV52 • 2019 – 2024 o 7 Series ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	- 2020 – Current
	  ○ 6 P Series
	    ✓ EMR4 - EDC 17 CV56
	  ○ 6 TTV Series
	    ✓ EMR4 - EDC 17 CV56
	  ○ 6.4 Series
	    ✓ EMR4 - EDC 17 CV56
	  ○ 6.4 TTV Series
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Ditch Witch

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ditch Witch Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Truck	- 2020 – Current
	  ○ FXT50 AIR
	    ✓ EMR4 - EDC 17 CV54
	  ○ FXT65
	    ✓ EMR4 - EDC 17 CV52

Directional Drill	- 2014 – Current
	  ○ JT10
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ JT20
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Mini Excavator	- 2017 – 2024
	  ○ RT80
	    ✓ EMR4 - EDC 17 CV52

Skid Steer Loader	- 2017 – 2024
	  ○ RT120
	    ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
Trencher	2014 – Current - RT105 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT120 QUAD ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT125 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT45 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT80 QUAD ✓ EMR4 - EDC 17 CV54 2017 – 2024 - RT120 ✓ EMR4 - EDC 17 CV52 - RT80 ✓ EMR4 - EDC 17 CV54
Vacuum Excavator	2014 – Current - FX50 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FX65 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FXT50 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FXT50 AIR ✓ EMR4 - EDC 17 CV52 - FXT65 ✓ EMR4 - EDC 17 CV54 - FXT65 AIR ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

> **NOTE:** Deutz 12-pin Off-Highway cable is required.

Dynapac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dynapac Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2014 – Current - SD 1000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 2023 – 2024 - F 1000 Series - EMR4 - EDC 17 CV54
Combination Roller	2014 – Current - CS 1000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Tandem Roller	2014 – Current - CO 2000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Vibratory Roller	2012 – 2016 - CA 3000 Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 17 UC31 2012 – 2024 - CA 4000 Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 17 UC31 - CA 6000 Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 17 UC31 2014 – Current - CG 2000 Series - EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	• 2014 – 2024
	   ○ CA 1000 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   ○ CC 2000 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   ○ CC 3000 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	• 2023 – 2024
	   ○ CA 5000 Series
	      ✓ EMR3 - EDC 16 UC40
	      ✓ EMR3 - EDC 17 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Epiroc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Epiroc Off-Highway equipment types and models:

Equipment Type	Supported On

Directional Drill	• 2008 – Current
	   ○ Boomer E
	      ✓ EMR3 - EDC 17 UC31
	   ○ Boomer E10
	      ✓ EMR3 - EDC 17 UC31
	   ○ Boomer E2
	      ✓ EMR3 - EDC 17 UC31
	   ○ Boomer E20
	      ✓ EMR3 - EDC 17 UC31
	   ○ Boomer L
	      ✓ EMR3 - EDC 17 UC31
	   ○ Boomer M
	      ✓ EMR3 - EDC 17 UC31

Equipment Type	Supported On
	o Boomer M20
	✓ EMR3 - EDC 17 UC31
	o Boomer S1
	✓ EMR3 - EDC 17 UC31
	o Boomer XE WE
	✓ EMR3 - EDC 17 UC31
	o Boomer XL3D
	✓ EMR3 - EDC 17 UC31
	o SIMBA E7
	✓ EMR3 - EDC 7 UC31
	o SIMBA E70S
	✓ EMR3 - EDC 17 UC31
	o SIMBA M4
	✓ EMR3 - EDC 17 UC31
	o SIMBA M6
	✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o Boomer E
	✓ EMR3 - EDC 16 UC40
	o Boomer E10
	✓ EMR3 - EDC 16 UC40
	o Boomer E2
	✓ EMR3 - EDC 16 UC40
	o Boomer E20
	✓ EMR3 - EDC 16 UC40
	o Boomer L
	✓ EMR3 - EDC 16 UC40
	o Boomer M
	✓ EMR3 - EDC 16 UC40
	o Boomer M20
	✓ EMR3 - EDC 16 UC40
	o Boomer S1
	✓ EMR3 - EDC 16 UC40
	o Boomer XE WE
	✓ EMR3 - EDC 16 UC40
	o Boomer XL3D
	✓ EMR3 - EDC 16 UC40
	o SIMBA E70S

NOREGON.

- ✓ EMR3 - EDC 16 UC40
  - o SIMBA M4
    - ✓ EMR3 - EDC 16 UC40
  - o SIMBA M6
    - ✓ EMR3 - EDC 16 UC40
  - o SIMBA S7
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - o Boomer 281
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer 282
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer E
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer E10
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer E2
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer E20
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer L
    - ✓ EMR4 - EDC 17 CV52
  - o Boomer M
    - ✓ EMR4 - EDC 17 CV52
  - o Boomer M1L
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer M20
    - ✓ EMR4 - EDC 17 CV52
  - o Boomer S1
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o Boomer S10S

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o Boomer S2
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Boomer T1
	✓ EMR4 - EDC 17 CV54
	o Boomer XE WE
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Boomer XL3D
	✓ EMR4 - EDC 17 CV54
	o DIAMEC 6M
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SIMBA 1354
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SIMBA E70S
	✓ EMR4 - EDC 17 CV52
	o SIMBA M4
	✓ EMR4 - EDC 17 CV54
	o SIMBA M6
	✓ EMR4 - EDC 17 CV52
	o SIMBA S7
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o Boomer E10
	✓ EMR4 - EDC 17 CV56
	o Boomer E2
	✓ EMR4 - EDC 17 CV56
	o Boomer E20
	✓ EMR4 - EDC 17 CV56
	o Boomer L
	✓ EMR4 - EDC 17 CV56
	o Boomer M
	✓ EMR4 - EDC 17 CV56
	o Boomer M20

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV56
	o Boomer XE WE
	   ✓ EMR4 - EDC 17 CV56
	o SIMBA E70S
	   ✓ EMR4 - EDC 17 CV56
	o SIMBA M6
	   ✓ EMR4 - EDC 17 CV56
	o SIMBA S7
	   ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2008 – Current
	o SCOOPTRAM ST3.5
	   ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o SCOOPTRAM ST3.5
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o SCOOPTRAM ST2
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o SCOOPTRAM ST3.5
	   ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Erkunt

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Erkunt Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2008 – Current
	o HAÅžMET 110 LÃœeKS CRD
	   ✓ EMR3 - EDC 17 UC31
	o KUDRET 100 LÃœeKS CRD
	   ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o HAÅžMET 110 LÃœeKS CRD

Equipment Type	Supported On
	✓ EMR3 - EDC 16 UC40
	o KUDRET 100 LÃœKS CRD
	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o HASRET 125 LÃœKS CRD4
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o KUDRET 105 LÃœKS CRD4
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o KUVVET 130 LÃœKS CRD4
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

Faresin

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Faresin Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	o 17.45 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 17.45 HLS 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 17.45 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV56
	o 17.45 HLS 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV56

Loader	• 2014 – Current
	o 11.35 HLS 74 (Middle Range)
	  ✓ EMR4 - EDC 17 CV54
	o 11.35 VPSE 100 (Middle Range)
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	○ 14.42 Classic 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	○ 14.42 HLS 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ 11.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	○ 11.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	○ 14.42 Classic 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV56

Telescopic Loader	• 2008 – Current
	○ FH Series, Engine: Tier 3/Stage III
	   ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	○ FH Series, Engine: Tier 3/Stage III
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	○ 10.65 Classic 74 (Heavy-Duty Range)
	   ✓ EMR4 - EDC 17 CV54
	○ 11.35 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV54
	○ 11.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	○ 11.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	○ 17.40 HLS 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	○ 7.30C Classic 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	○ 7.30C HLS 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 7.30C VPS 100 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o 9.30 Classic 74 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30 HLS 74 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30 VPSE 100 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C Classic 74 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C HLS 74 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C VPS 100 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 HLS 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 VPSE 100 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.60 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 10.65 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV56
	o 11.35 Classic 74 (Middle Range)
	✓ EMR4 - EDC 17 CV56
	o 17.40 Classic 74 (Big Range)
	✓ EMR4 - EDC 17 CV56

NOREGON.

Equipment Type	Supported On

	o 17.40 HLS 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30C Classic 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30C HLS 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30C VPS 100 (Compact Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30E Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30E HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.30E VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.35 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.45 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.45 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 7.45 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 8.40 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 8.40 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 8.40 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 9.30 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 9.30 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 9.30 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o 9.30C Classic 74 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.30C HLS 74 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.30C VPS 100 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2014 – Current
	o 10.65 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 10.65 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 11.35 Classic 74 (Middle Range)
	  ✓ EMR4 - EDC 17 CV52
	o 17.40 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2020 – Current

Equipment Type	Supported On

	o 10.65 HLS 74 (Heavy-Duty Range)
	    ✓ EMR4 - EDC 17 CV56
	 o 10.65 VPSE 100 (Heavy-Duty Range)
	    ✓ EMR4 - EDC 17 CV56
	 o 14.42 HLS 74 (Big Range)
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fendt

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fendt Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	• 2014 – Current o 900 VARIO Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV52
Force Feed Loader	• 2014 – Current o 800 VARIO Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV52
Knuckle Boom	• 2014 – Current o 800 VARIO Series, Engine: Tier 5/Stage V ✓ EMR4 - EDC 17 CV52
Motor Grader	• 2014 – Current o 800 VARIO Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 - EDC 17 CV52

Tractor	• 2014 – Current
	 o 500 VARIO Series (Power/PowerPlus), Engine: Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52
	 o 500 VARIO Series (Power/PowerPlus), Engine: Interim Tier 5/Stage V
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o 500 VARIO Series (Profi/ProfiPlus), Engine: Final Tier 4/Stage IV
	  ✓ EMR4 - EDC 17 CV52
	o 500 VARIO Series (Profi/ProfiPlus), Engine: Tier 5/Stage V
	  ✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Power/PowerPlus), Engine: Final Tier 4/Stage IV
	  ✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Power/PowerPlus), Engine: Tier 5/Stage V
	  ✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Profi/ProfiPlus), Engine: Final Tier 4/Stage IV
	  ✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Profi/ProfiPlus), Engine: Tier 5/Stage V
	  ✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV52
	o 900 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o 300 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV56
	o 500 VARIO Series (Power/PowerPlus), Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV56
	o 500 VARIO Series (Profi/ProfiPlus), Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV56
	o 700 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	  ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fenwick

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fenwick Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2008 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 7 UC31 2010 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 16 UC40 2014 – Current 1202 Series (H20-H35) ✓ EMR4 - EDC 17 CV54 2020 – Current 396 Series (H50-H80) ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fuchs

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fuchs Off-Highway equipment types and models:

Equipment Type	Supported On
Material Handler	2008 – Current - MHL350 Series ✓ EMR3 - EDC 7 UC31 2014 – Current 340F Series ✓ EMR4 - EDC 17 CV52 350F Series ✓ EMR4 - EDC 17 CV52 - AHL350 Series ✓ EMR4 - EDC 17 CV52 - MHL310 Series ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o MHL3120 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL330 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL340 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL350 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL360 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL370 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL380 Series
	    ✓ EMR4 - EDC 17 CV52
	o MHL430 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL320 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL330 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL350 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL360 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL370 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL380 Series
	    ✓ EMR4 - EDC 17 CV52
	o RHL390 Series
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Gehl

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Gehl Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	 o 750
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Compact Track Loader	• 2001 – 2011
	 o RT 250
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2014 – Current
	 o RT 255
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Skid Steer	• 2011 – 2013
	 o V 420
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Telescopic Loader	• 2014 – Current
	 o RS6-34
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Genie

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Gehl Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	• 2014 – Current o GTH-2000 Series ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	   o GTH-5000 Series
	      ✓ EMR4 - EDC 17 CV54
	   o GTH-600 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2014 – Current
	   o Z-100 Series
	      ✓ EMR4 - EDC 17 CV54
	   o Z-40 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 2014 – Current
	   o GS-3300 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GS-4300 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GS-5300 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GTH-1000 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GTH-1200 Series
	      ✓ EMR4 - EDC 17 CV52
	   o GTH-1500 Series
	      ✓ EMR4 - EDC 17 CV52
	   o GTH-2500 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GTH-3000 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o GTH-800 Series
	      ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o S-40 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S-60 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S-80 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-100 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-120 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-130 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-150 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-180 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Z-100 Series
	✓ EMR4 - EDC 17 CV52
	o Z-50 Series
	✓ EMR4 - EDC 17 CV54
	o Z-60 Series
	✓ EMR4 - EDC 17 CV54
	o Z-80 Series
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Hamm

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hamm Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Crane	2014 – Current - H 18I - EMR4 - EDC 17 CV52 2020 – Current - H 14I - EMR4 - EDC 17 CV56
Articulated Loader	2008 – Current 3412 - EMR3 - EDC 7 UC31 3516 - EMR3 - EDC 7 UC31 2010 – Current 3518 - EMR3 - EDC 16 UC40
Forklift	2008 – Current - GRW 15 - EMR3 - EDC 7 UC31 - GRW 21 - EMR3 - EDC 7 UC31 - HD + 110 - EMR3 - EDC 7 UC31 - HD + 140 - EMR3 - EDC 7 UC31 - HD 90 - EMR3 - EDC 7 UC31 - HD 280 - EMR3 - EDC 7 UC31 2010 – Current - HD + 110 - EMR3 - EDC 16 UC40 - HD + 140 - EMR3 - EDC 16 UC40

Equipment Type	Supported On
	- HD + 90 ✓ EMR3 - EDC 16 UC40 - HD 110 ✓ EMR3 - EDC 16 UC40 - HD 90 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 - HD 280 ✓ EMR3 - EDC 16 UC40 2014 – Current - GRW 1801-10 ✓ EMR4 - EDC 17 CV54 - H 11I ✓ EMR4 - EDC 17 CV54 - HD + 80 ✓ EMR4 - EDC 17 CV54
Pneumatic Roller	2008 – Current - GRW 10 ✓ EMR3 - EDC 7 UC31 - GRW 18 ✓ EMR3 - EDC 7 UC31 - GRW 24 ✓ EMR3 - EDC 7 UC31 - HD 180 ✓ EMR3 - EDC 7 UC31 2010 – Current - GRW 10 ✓ EMR3 - EDC 16 UC40 - GRW 15 ✓ EMR3 - EDC 16 UC40 - GRW 18 ✓ EMR3 - EDC 16 UC40 - GRW 21 ✓ EMR3 - EDC 16 UC40 - GRW 24 ✓ EMR3 - EDC 16 UC40 - HD 180

Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	 • 2014 – Current
	  o GRW 1801-10
	   ✓ EMR4 - EDC 17 CV52
	  o GRW 1801-12
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	  o HP 180
	   ✓ EMR4 - EDC 17 CV52
	  o HP 280
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Smooth Drum	• 2007 – 2008
	  o 3625
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	 • 2008 – Current
	  o 3414
	   ✓ EMR3 - EDC 7 UC31
	  o 3518
	   ✓ EMR3 - EDC 7 UC31
	  o 3520
	   ✓ EMR3 - EDC 7 UC31
	 • 2010 – Current
	  o 3412
	   ✓ EMR3 - EDC 16 UC40
	  o 3414
	   ✓ EMR3 - EDC 16 UC40
	  o 3516
	   ✓ EMR3 - EDC 16 UC40
	  o 3520
	   ✓ EMR3 - EDC 16 UC40
	 • 2014 – Current
	  o H 11I
	   ✓ EMR4 - EDC 17 CV52
	  o H 12I
	   ✓ EMR4 - EDC 17 CV52

NOREGON.

Equipment Type	Supported On
	○ H 13I ✓ EMR4 - EDC 17 CV52 ○ H 14I ✓ EMR4 - EDC 17 CV52 ○ H 16I ✓ EMR4 - EDC 17 CV52 ○ H 20I ✓ EMR4 - EDC 17 CV52 ○ H 25I ✓ EMR4 - EDC 17 CV52 • 2020 – Current ○ H 13I ✓ EMR4 - EDC 17 CV56 ○ H 16I ✓ EMR4 - EDC 17 CV56 ○ H 18I ✓ EMR4 - EDC 17 CV56 ○ H 20I ✓ EMR4 - EDC 17 CV56 ○ H 25I ✓ EMR4 - EDC 17 CV56
Tandem Roller	• 2008 – Current ○ HD + 120 ✓ EMR3 - EDC 7 UC31 ○ HD + 90 ✓ EMR3 - EDC 7 UC31 ○ HD 110 ✓ EMR3 - EDC 7 UC31 • 2010 – Current ○ HD + 120 ✓ EMR3 - EDC 16 UC40 • 2014 – Current ○ DV + 90 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ○ HD + 110 ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	   o HD + 120
	     ✓ EMR4 - EDC 17 CV52
	   o HD + 140
	     ✓ EMR4 - EDC 17 CV52
	   o HD + 70
	     ✓ EMR4 - EDC 17 CV54
	   o HD + 90
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	   o HD + 120
	     ✓ EMR4 - EDC 17 CV56
	   o HD + 140
	     ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2001 – 2003
	   o 3410
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31
	   o 3411
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31
	• 2008 – Current
	   o 3411
	     ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	   o 3411
	     ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Hangcha

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hangcha Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	  o CPCD100 X
	    ✓ EMR4 - EDC 17 CV54
	  o CPCD120 X
	    ✓ EMR4 - EDC 17 CV52

Forklift	• 2014 – Current
	  o CPCD100 X
	    ✓ EMR4 - EDC 17 CV52
	  o CPCD120 X
	    ✓ EMR4 - EDC 17 CV54
	  o CPCD80 X
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Hansa

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hansa Off-Highway equipment types and models:

Equipment Type	Supported On

Off-Road Dump Truck	• 2014 – Current
	  o APZ 1003
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Haulotte

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Haulotte Off-Highway equipment types and models:

Equipment Type	Supported On
Knuckle Boom	2014 – Current - HA 32 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - HA 41 ✓ EMR4 - EDC 17 CV52 - HA 43 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Heli

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Heli Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current - CPC 40 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - CPC 50 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Hitachi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hitachi Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	   o ZW60-6 Series
	     ✓ EMR4 - EDC 17 CV54
	   o ZW70-6 Series
	     ✓ EMR4 - EDC 17 CV54
	   o ZW90W-7 Series
	     ✓ EMR4 - EDC 17 CV52

Wheel Loader	• 2014 – Current
	   o ZX100-6 Series
	     ✓ EMR4 - EDC 17 CV52
	   o ZX100W-7 Series
	     ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Holder

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Holder Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	   o S 100
	     ✓ EMR4 - EDC 17 CV52
	   o S 130
	     ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Hurlimann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hurlimann Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - SX Series - EMR3 - EDC 7 UC31 - XB MAX Series - EMR3 - EDC 7 UC31 - XL Series - EMR3 - EDC 7 UC31 - XM Series - EMR3 - EDC 7 UC31 - XT Series - EMR3 - EDC 7 UC31 2010 – Current - SX Series - EMR3 - EDC 16 UC40 - XB MAX Series - EMR3 - EDC 16 UC40 - XL DCR Series - EMR3 - EDC 16 UC40 - XL Series - EMR3 - EDC 16 UC40 - XM Series - EMR3 - EDC 16 UC40 - XT Series - EMR3 - EDC 16 UC40 2014 – Current - XM B Series - EMR4 - EDC 17 CV54 - XM K Series - EMR4 - EDC 17 CV52 - XT T4 Hi-Level Series - EMR4 - EDC 17 CV54 - XT T4 V-Drive Series - EMR4 - EDC 17 CV54

65

NOTE: Deutz 12-pin Off-Highway cable is required.

Hyundai CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hyundai CE Off-Highway equipment types and models:

Equipment Type	Supported On
Crawler Dozer	2008 – Current - HR100 Series - EMR3 - EDC 7 UC31 2010 – Current - HR100 Series - EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Iseki

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Iseki Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2014 – Current - TJV Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TJW3 Series - EMR4 - EDC 17 CV52 2014 – Current - TJW3 Series - EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

JLG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following JLG Off-Highway equipment types and models:

Equipment Type	Supported On

All Terrain Telescopic Boom Lift	• 2007 – 1012
	  o 1200
	    ✓ EMR3 - EDC 7 UC31

Articulated Loader	• 1972 – 1978
	  o 3006
	    ✓ EMR4 - EDC 17 CV54
	• 2004 – 2009
	  o 520
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2006 – 2010
	  o 450
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2007 – 2011
	  o 660
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2008 – Current
	  o 266
	    ✓ EMR3 - EDC 7 UC31
	  o 307
	    ✓ EMR3 - EDC 7 UC31
	  o 460
	    ✓ EMR3 - EDC 7 UC31
	  o 510
	    ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On

	o 680
	    ✓ EMR3 - EDC 7 UC31
	o 7013
	    ✓ EMR4 - EDC 17 CV52
	o 723
	    ✓ EMR3 - EDC 7 UC31
	o 740
	    ✓ EMR3 - EDC 7 UC31
	o 800
	    ✓ EMR3 - EDC 7 UC31
	o 860
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o 266
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	o 2906
	    ✓ EMR3 - EDC 16 UC40
	o 3006
	    ✓ EMR4 - EDC 17 CV54
	o 307
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	o 3507
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o 3510
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	o 3614
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o 3706
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o 3707

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 450
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 460
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 510
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 520
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 600
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 619
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 660
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 680
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 7013
	✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o 723
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	o 740
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	   ✓ EMR3 - EDC 7 UC31
	o 800
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	o 8010
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 810
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 832
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 860
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	o 925
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2010 – Current
	o 266
	   ✓ EMR3 - EDC 16 UC40
	o 2906
	   ✓ EMR3 - EDC 16 UC40
	o 307
	   ✓ EMR3 - EDC 16 UC40
	o 460
	   ✓ EMR3 - EDC 16 UC40

- o 510
  - ✓ EMR3 - EDC 16 UC40
- o 680
  - ✓ EMR3 - EDC 16 UC40
- o 723
  - ✓ EMR3 - EDC 16 UC40
- o 800
  - ✓ EMR3 - EDC 16 UC40
- o 860
  - ✓ EMR3 - EDC 16 UC40
- 2013 – 2017
  - o 3510
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
  - o 600
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
- 2014 – Current
  - o 3507
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 3614
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 460
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 7013
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 740
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 800
    - ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o 8010
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 860
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 925
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2016 – 2023
	  o 810
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2017 – 2022
	  o 3707
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2018 – 2021
	  o 619
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2019 – 2025
	  o 3706
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2021 – 2025
	  o 832
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Crane	• 2005 – 2024
	  o 1350
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31

- 2007 – 2012
  - 1200
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
- 2008 – Current
  - 1030
    - ✓ EMR3 - EDC 7 UC31
  - 1500
    - ✓ EMR3 - EDC 7 UC31
- 2009 – 2013
  - 400
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
- 2010 – Current
  - 1030
    - ✓ EMR3 - EDC 16 UC40
  - 1500
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - 1030
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1500
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1644
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1732
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
- 2016 – 2024
  - 1100
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On

	• 2017 – 2021
	   o 1250
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31

Forklift	• 2014 – 2025
	   o 4014
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	• 2019 – 2025
	   o 4008
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	• 2022 – 2025
	   o 4017
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

Hydraulic Excavator	• 2022 – 2025
	   o G 5
	     ✓ EMR4 - EDC 17 CV54

Knuckle Boom	• 2008 – Current
	   o 18 RS
	     ✓ EMR3 - EDC 7 UC31
	   o 24 RS
	     ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	   o 18 RS
	     ✓ EMR3 - EDC 16 UC40
	   o 24 RS
	     ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o 18 RS
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o 24 RS
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

Loader	• 1972 – 1978
	  ○ 3006
	    ✓ EMR4 - EDC 17 CV52
	• 2008 – Current
	  ○ 2906
	    ✓ EMR3 - EDC 7 UC31

Mulcher	• 2007 – 2012
	  ○ 1200
	    ✓ EMR3 – EDC 16 UC40

Rough Terrain Telehandler	• 2017 – 2021
	  ○ 1250
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2008 – Current
	  ○ RT 3394
	    ✓ EMR3 - EDC 7 UC31
	  ○ RT 4394
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  ○ RT 3394
	    ✓ EMR3 - EDC 16 UC40
	  ○ RT 4394
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ RT 3394
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ RT 4394
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Self-Propelled Mixer	• 2010 – Current
	  ○ 740
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ 680
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o 7013
	    ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 1998 – 2025
	  o 1850
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current
	  o G 5
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Kamag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kamag Off-Highway equipment types and models:

Equipment Type	Supported On

Crane	• 2014 – Current
	  o PM Series
	    ✓ EMR4 - EDC 17 CV52

Rough Terrain Crane	• 2014 – Current
	  o PT Series
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Kassboher Gelandefagrzeug

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kassboher Gelandefagrzeug Off-Highway equipment types and models:

Equipment Type	Supported On
Beach Cleaner	• 2014 – Current o Cherrington 5500

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Kawasaki KCM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kawasaki KCM Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loader	• 2014 – Current
	   o 60Z7 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Kramer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kramer Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	   o KT300 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o KT400 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o KT500 Series
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	   o KT500 Series
	      ✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On
Loader	2008 – Current 2500 Series ✓ EMR3 - EDC 7 UC31 2010 – Current 2500 Series ✓ EMR3 - EDC 16 UC40 2012 – 2016 3000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2012 – 2024 4000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2014 – Current 3500 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 4200 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Telescopic Loader	2014 – Current 8000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 8000T Series ✓ EMR4 - EDC 17 CV54
Wheel Loader	2008 – Current - KL50 Series ✓ EMR3 - EDC 7 UC31 2010 – Current - KL50 Series ✓ EMR3 - EDC 16 UC40 2014 – Current 4400 Series ✓ EMR4 - EDC 17 CV52

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o 5500 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 8100 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o KL30 Series
	✓ EMR4 - EDC 17 CV54
	o KL30T Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o KL40 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o KL60 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 5500 Series
	✓ EMR4 - EDC 17 CV56
	• 2023 – 2024
	o 5000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Lamborghini

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Lamborghini Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2008 – Current
	  o R3 90/100/105
	    ✓ EMR3 - EDC 7 UC31

NOREGON.

Equipment Type	Supported On

	o R4 Series
	   ✓ EMR3 - EDC 7 UC31
	o R5 EVO Series
	   ✓ EMR3 - EDC 7 UC31
	o R7 VRT Series
	   ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o R3 90/100/105
	   ✓ EMR3 - EDC 16 UC40
	o R4 Series
	   ✓ EMR3 - EDC 16 UC40
	o R5 EVO Series
	   ✓ EMR3 - EDC 16 UC40
	o R6 115/125/135 VRT
	   ✓ EMR3 - EDC 16 UC40
	o R6 DCR Series
	   ✓ EMR3 - EDC 16 UC40
	o R6 Series
	   ✓ EMR3 - EDC 16 UC40
	o R7 Series
	   ✓ EMR3 - EDC 16 UC40
	o R7 VRT Series
	   ✓ EMR3 - EDC 16 UC40
	o R8 DCR Series
	   ✓ EMR3 - EDC 16 UC40
	o R8 Series
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o MACH Series
	   ✓ EMR4 - EDC 17 CV52
	o Nitro Hi-Profil Series
	   ✓ EMR4 - EDC 17 CV54
	o Nitro R Series
	   ✓ EMR4 - EDC 17 CV54
	o Nitro Series
	   ✓ EMR4 - EDC 17 CV54
	o Nitro VRTSeries
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
	o R6 100 Series (IT4)
	✓ EMR4 - EDC 17 CV52
	o R6 100 VRT Series
	✓ EMR4 - EDC 17 CV52
	o R6 200 Series
	✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o R6 100 Hi-Profil Series
	✓ EMR4 - EDC 17 CV56
	o R6 100 VRT Series
	✓ EMR4 - EDC 17 CV56
	o R6 100.4 Series
	✓ EMR4 - EDC 17 CV56
	o R6 100.4 VRT Series
	✓ EMR4 - EDC 17 CV56
	o Spark Series
	✓ EMR4 - EDC 17 CV56
	o Spark VRT Series
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Landini

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Landini Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	• 2014 – Current
	o 4 Series, Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV54
	o 4D Series, Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV54
	o 5 Series [2017-…], Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV52

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Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	o 6H Series, Engine: Interim Tier4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o REX 4 Series (F/V/GT), Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54
	o REX 4 Series (GE/GB), Engine: Interim Tier4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54
	o Trekker Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

LGMG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LGMG Off-Highway equipment types and models:

Equipment Type	Supported On

Knuckle Boom	• 2014 – Current
	o AR 14J
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o AR 16J
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2014 – Current
	o SR 1023D
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o SR 1323D
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o SR 1623D

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52, ✓ EMR4 - EDC 17 CV54,

Telescopic Crane	• 2014 – Current
	  o T 20J
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  o T 26J
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  o T 65J
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  o T 85J
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,

NOTE: Deutz 12-pin Off-Highway cable is required.

Liebherr

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liebherr Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2008 – Current
	  o R 317
	    ✓ EMR3 - EDC 7 UC31,
	• 2010 – Current
	  o A 316s
	    ✓ EMR3 - EDC 16 UC40,
	  o R 317
	    ✓ EMR3 - EDC 16 UC40,
	• 2014 – Current
	  o R 914
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,

Equipment Type	Supported On

Forklift	• 2014 – Current
	  ○ TL 432-7
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  ○ TL 436-7
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  ○ TL 441-7
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,

Scissor Lift	• 2014 – Current
	  ○ A 910 Compact
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  ○ A 912 Compact
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,
	  ○ A 913 Compact
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,

Telescopic Crane	• 2008 – Current
	  ○ T 32-7
	    ✓ EMR3 - EDC 7 UC31,
	  ○ T 32-7S
	    ✓ EMR3 - EDC 7 UC31,
	  ○ T 33-105
	    ✓ EMR3 - EDC 7 UC31,

- T 35-6
  - ✓ EMR3 - EDC 7 UC31,
- T 35-6S
  - ✓ EMR3 - EDC 7 UC31,
- T 36-7
  - ✓ EMR3 - EDC 7 UC31,
- T 36-7S
  - ✓ EMR3 - EDC 7 UC31,
- T 41-7
  - ✓ EMR3 - EDC 7 UC31,
- T 41-7S
  - ✓ EMR3 - EDC 7 UC31,
- 2010 – Current
  - T 32-7
    - ✓ EMR3 - EDC 16 UC40,
  - T 32-7S
    - ✓ EMR3 - EDC 16 UC40,
  - T 33-105
    - ✓ EMR3 - EDC 16 UC40,
  - T 35-6
    - ✓ EMR3 - EDC 16 UC40,
  - T 35-6S
    - ✓ EMR3 - EDC 16 UC40,
  - T 36-7
    - ✓ EMR3 - EDC 16 UC40,
  - T 36-7S
    - ✓ EMR3 - EDC 16 UC40,
  - T 41-7
    - ✓ EMR3 - EDC 16 UC40,
  - T 41-7S
    - ✓ EMR3 - EDC 16 UC40,
- 2014 – Current
  - T 32-7
    - ✓ EMR4 - EDC 17 CV52,
  - T 32-7S
    - ✓ EMR4 - EDC 17 CV52,
  - T 33-105
    - ✓ EMR4 - EDC 17 CV52,
  - T 35-6

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52,
	o T 35-6S
	✓ EMR4 - EDC 17 CV52,
	o T 36-7
	✓ EMR4 - EDC 17 CV52,
	o T 36-7S
	✓ EMR4 - EDC 17 CV52,
	o T 41-7
	✓ EMR4 - EDC 17 CV52,
	o T 41-7S
	✓ EMR4 - EDC 17 CV52,

NOTE: Deutz 12-pin Off-Highway cable is required.

LiftKing

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LiftKing Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2010 – Current
	  o LK32C
	    ✓ EMR3 - EDC 16 UC40,
	• 2014 – Current
	  o LK16P
	    ✓ EMR4 - EDC 17 CV52,
	    ✓ EMR4 - EDC 17 CV54,

NOTE: Deutz 12-pin Off-Highway cable is required.

Linde

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Linde Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2008 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 7 UC31, 2010 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 16 UC40, 2014 – Current 1202 Series (H20-H35) ✓ EMR4 - EDC 17 CV54, 396 Series (H50-H80) ✓ EMR4 - EDC 17 CV52, 2020 – Current 396 Series (H50-H80) ✓ EMR4 - EDC 17 CV56,

NOTE: Deutz 12-pin Off-Highway cable is required.

Magni

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Magni Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Crane	2014 – Current - DS 2000 Series ✓ EMR4 - EDC 17 CV52, ✓ EMR4 - EDC 17 CV54, - DS 3000 Series ✓ EMR4 - EDC 17 CV52, ✓ EMR4 - EDC 17 CV54,
Articulated Loader	2014 – Current - HTH 10 Series ✓ EMR4 - EDC 17 CV52,

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Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54,
	  o RTH 4 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o RTH 5 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o TH 4 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o TH 5 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o TH 6 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

Knuckle Boom	• 2014 – Current
	  o DAB 20 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

Telescopic Crane	• 2014 – Current
	  o DTB 20 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o DTB 20 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o DTB 30 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	  o DTB 40 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

NOTE: Deutz 12-pin Off-Highway cable is required.

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Manitou

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Manitou Off-Highway equipment types and models:

Equipment Type	Supported On

All Terrain Crane	- 2014 – Current
	  - MHT 10000 Series
	    - ✓ EMR4 - EDC 17 CV52,
	  - MHT 12000 Series
	    - ✓ EMR4 - EDC 17 CV52,
	- 2020 – Current
	  - MHT 12000 Series
	    - ✓ EMR4 - EDC 17 CV56,

Articulated Loader	- 2014 – Current
	  - MLA 5-60 Series
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 7-70 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 600 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 700 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 800 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 900 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,
	  - MLA 1000 Series
	    - ✓ EMR4 - EDC 17 CV52,
	  - MLA 2000 Series
	    - ✓ EMR4 - EDC 17 CV52,
	  - MLA 6000 Series
	    - ✓ EMR4 - EDC 17 CV52,
	    - ✓ EMR4 - EDC 17 CV54,

Equipment Type	Supported On
Forklift	2014 – Current - M 20 Series - EMR4 - EDC 17 CV52, - M 30 Series - EMR4 - EDC 17 CV52, - M 40 Series - EMR4 - EDC 17 CV52, - M 50 Series - EMR4 - EDC 17 CV52, - M 70 Series - EMR4 - EDC 17 CV52, - MI 100 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MI 40 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MI 50 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MI 60 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MI 70 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MI 80 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MSI 40 Series - EMR4 - EDC 17 CV52, - MSI 50 Series - EMR4 - EDC 17 CV52, - MT 1000 Series - EMR4 - EDC 17 CV52, - EMR4 - EDC 17 CV54, - MT 700 Series

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52,
	✓ EMR4 - EDC 17 CV54,
	   o MT 800 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	   o MT 900 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

Loader	• 2014 – Current
	   o 2500 R Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	   o 3200 V Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	   o 4200 V Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

Wheel Loader	• 2014 – Current
	   o MLA 500 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,

NOTE: Deutz 12-pin Off-Highway cable is required.

Massey Ferguson

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Massey Ferguson Off-Highway equipment types and models:

Equipment Type	Supported On

Self-Propelled Sprayer	• 2014 – Current
	   o 9300 Series
	      ✓ EMR4 - EDC 17 CV52,
	      ✓ EMR4 - EDC 17 CV54,
	   o 9400 Series
	      ✓ EMR4 - EDC 17 CV52,

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54,

NOTE: Deutz 12-pin Off-Highway cable is required.

McCormick

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Linde Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	  o TX Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54,
	  o X4 Series (30/40/50/55/60/70), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54,
	  o X4 Series (F/V/XL), Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54,
	  o X4 Series (GE/GB), Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54,
	  o X4M Series (30/40/50), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54
	  o X5 Series (35/45/55), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54
	  o X6 Series (35/45/55), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Mecalac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mecalac Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• 2014 – Current
	  o TA9
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Articulated Loader	• 2014 – Current
	  o AX1000
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o AX700
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o AX850
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Loader	• 2014 – Current
	  o AS700
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Midi Excavator	• 2014 – Current
	  o 15MC
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Mini Excavator	• 2014 – Current
	  o 106MRAIL
	    ✓ EMR4 - EDC 17 CV52
	  o 10MCR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 6MCR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	○ 8MCR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Mobile Excavator	• 2014 – Current
	 ○ 11MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	 ○ 15MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	 ○ 7MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	 ○ 9MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Railroad Excavator	• 2014 – Current
	 ○ 136MRAIL
	  ✓ EMR4 - EDC 17 CV52
	 ○ 156MRAIL
	  ✓ EMR4 - EDC 17 CV52
	 ○ 216MRAIL
	  ✓ EMR4 - EDC 17 CV52

Telescopic Loader	• 2014 – Current
	 ○ AS900 TELE
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	 ○ AT1050
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	 ○ AT900
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current ○ 12MTX ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	○ AF1050
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ AF1200
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ AS1000
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ AS1600
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ AS210
	✓ EMR4 - EDC 17 CV52
	○ AS600
	✓ EMR4 - EDC 17 CV52
	○ AS750
	✓ EMR4 - EDC 17 CV52
	○ AS850
	✓ EMR4 - EDC 17 CV52
	○ AS900
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ AS210
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Menzi Muck

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Menzi Muck Off-Highway equipment types and models:

Equipment Type	Supported On
Wheel Excavator	2014 – Current - M220 ✓ EMR4 - EDC 17 CV52 - M320 ✓ EMR4 - EDC 17 CV52 - M325 ✓ EMR4 - EDC 17 CV52 - M335 ✓ EMR4 - EDC 17 CV52 - M340 ✓ EMR4 - EDC 17 CV52 - M520 ✓ EMR4 - EDC 17 CV52 - M525 ✓ EMR4 - EDC 17 CV52 - M530 ✓ EMR4 - EDC 17 CV52 - M535 ✓ EMR4 - EDC 17 CV52 - M540 ✓ EMR4 - EDC 17 CV52 - M545 ✓ EMR4 - EDC 17 CV52 2020 – Current - M525 ✓ EMR4 - EDC 17 CV56 - M535 ✓ EMR4 - EDC 17 CV56 - M545 ✓ EMR4 - EDC 17 CV56
Wheeled Dump Truck	2014 – Current 65 RD ✓ EMR4 - EDC 17 CV52

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Merlo

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Merlo Off-Highway equipment types and models:

Equipment Type	Supported On

Concrete Mixer	- 2008 – Current
	  o DBM Series
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31

Forklift	- 2008 – Current
	  o MM Series
	    ✓ EMR3 - EDC 7 UC31
	  o P120.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P34.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P36.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P39.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P38.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P45.XX
	    ✓ EMR3 - EDC 7 UC31
	  o P50.XX
	    ✓ EMR3 - EDC 7 UC31
	  o TF34.XX
	    ✓ EMR3 - EDC 7 UC31
	  o TF36.XX
	    ✓ EMR3 - EDC 7 UC31
	  o TF37.XX
	    ✓ EMR3 - EDC 7 UC31

- o TF38.XX
  - ✓ EMR3 - EDC 7 UC31
- o TF40.XX
  - ✓ EMR3 - EDC 7 UC31
- o TF41.XX
  - ✓ EMR3 - EDC 7 UC31
- 2010 – Current
  - o MM Series
    - ✓ EMR3 - EDC 16 UC40
  - o P120.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P34.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P36.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P39.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P38.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P45.XX
    - ✓ EMR3 - EDC 16 UC40
  - o P50.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF34.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF36.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF37.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF38.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF40.XX
    - ✓ EMR3 - EDC 16 UC40
  - o TF41.XX
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - o P30.XX
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
	o P35.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P37.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P38.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P40.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P50.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P55.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV56
	o P60.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P72.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P75.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV56
	o P35.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P40.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P50.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o TF30.XX
	✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o TF33.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o TF35.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o TF38.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o TF42.XX
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o TF45.XX
	✓ EMR4 - EDC 17 CV52
	o TF50.XX
	✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o P55.XX
	✓ EMR4 - EDC 17 CV56
	o P75.XX
	✓ EMR4 - EDC 17 CV56
	o TF38.XX
	✓ EMR4 - EDC 17 CV56
	o TF42.XX
	✓ EMR4 - EDC 17 CV56
	o TF45.XX
	✓ EMR4 - EDC 17 CV56
	o TF50.XX
	✓ EMR4 - EDC 17 CV56
Telescopic Loader	• 2008 – Current
	o MF27.XX
	✓ EMR3 - EDC 7 UC31
	o MF29.XX
	✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
	○ MF30.XX ✓ EMR3 - EDC 7 UC31 • 2010 – Current ○ MF27.XX ✓ EMR3 - EDC 16 UC40 ○ MF29.XX ✓ EMR3 - EDC 16 UC40 ○ MF30.XX ✓ EMR3 - EDC 16 UC40 • 2014 – Current ○ MF27.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ○ MF29.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ○ MF30.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ○ MF34.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ○ MF27.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 • 2020 – Current ○ MF27.XX ✓ EMR4 - EDC 17 CV56 ○ MF29.XX ✓ EMR4 - EDC 17 CV56 ○ MF30.XX ✓ EMR4 - EDC 17 CV56 ○ MF27.XX ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

MST

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MST Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	2014 – Current - M220 - EMR4 - EDC 17 CV52 - M300 - EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Mustang by Manitou

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mustang by Manitou Off-Highway equipment types and models:

Equipment Type	Supported On
Skid Steer Loader	2014 – Current 2500RT - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 2550RT - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 3200VT - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 4200V - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Wheel Loader	2014 – Current 70B - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 70BT - EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Paus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Paus Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• 2008 – Current
	  ○ PMKM 10000 Series
	    ✓ EMR3 - EDC 7 UC31
	  ○ PMKM 8000 Series
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  ○ PMKM 10000 Series
	    ✓ EMR3 - EDC 16 UC40
	  ○ PMKM 8000 Series
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ ITC 1050
	    ✓ EMR4 - EDC 17 CV52
	  ○ SMK 9030
	    ✓ EMR4 - EDC 17 CV54
	  ○ SMK 9040
	    ✓ EMR4 - EDC 17 CV54

Grader	• 2014 – Current
	  ○ PG 10HA
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	  ○ PG 10HA
	    ✓ EMR4 - EDC 17 CV56

Loader	• 2014 – Current ○ PFL 10

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	    o PFL 20
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o PFL 30
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o PFL 8
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o PGS 15
	      ✓ EMR4 - EDC 17 CV52
	    o SL9075
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o SL9088
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o TSL9075
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	    o TSL9088
	      ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	    o PFL 10
	      ✓ EMR4 - EDC 17 CV56
	    o PFL 20
	      ✓ EMR4 - EDC 17 CV56
	    o PFL 30
	      ✓ EMR4 - EDC 17 CV56
	    o PFL 8
	      ✓ EMR4 - EDC 17 CV56

Mining Scalers	• 2014 – Current
	    o 1253 S10
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	○ 853 S8
	          ✓ EMR4 - EDC 17 CV52
	          ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	      ○ 1253 S10
	          ✓ EMR4 - EDC 17 CV56
	      ○ 853 S8
	          ✓ EMR4 - EDC 17 CV56

Mining Truck	• 2008 – Current
	      ○ UNI 50
	          ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	      ○ UNI 50
	          ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	      ○ MINCA 18
	          ✓ EMR4 - EDC 17 CV52
	          ✓ EMR4 - EDC 17 CV54
	      ○ MINCA 5.1
	          ✓ EMR4 - EDC 17 CV52
	          ✓ EMR4 - EDC 17 CV54
	      ○ UNI 40
	          ✓ EMR4 - EDC 17 CV52
	          ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	      ○ MINCA 18
	          ✓ EMR4 - EDC 17 CV56
	      ○ MINCA 5.1
	          ✓ EMR4 - EDC 17 CV56
	      ○ UNI 40
	          ✓ EMR4 - EDC 17 CV56

Tractor	• 2014 – Current
	      ○ Z60
	          ✓ EMR4 - EDC 17 CV52
	      ○ Z70
	          ✓ EMR4 - EDC 17 CV52

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Equipment Type	Supported On

Wheel Loader	• 2014 – Current
	  o TL9065
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TL9078
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

PB

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following PB Off-Highway equipment types and models:

Equipment Type	Supported On

Scissor Lift	• 2014 – Current
	  o S320 Series
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Pellenc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pellenc Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	  o 130
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Pettibone

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pettibone Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current 1046X ✓ EMR4 - EDC 17 CV54 944X ✓ EMR4 - EDC 17 CV54 - T944X ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Powerscreen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Powerscreen Off-Highway equipment types and models:

Equipment Type	Supported On
Conveyor	2014 – Current - CT65 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - CT80 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Scalping Screen	2014 – Current - Warrior 1200 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - Warrior 600 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

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Sakai

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sakai Off-Highway equipment types and models:

Equipment Type	Supported On
Tandem Roller	2008 – Current - SW850N ✓ EMR3 - EDC 7 UC31 2010 – Current - SW850N ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Same

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Same Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - Diamond Series ✓ EMR3 - EDC 7 UC31 - Explorer 3 Series ✓ EMR3 - EDC 7 UC31 - Iron 100/110/120 ✓ EMR3 - EDC 7 UC31 - Laser Series ✓ EMR3 - EDC 7 UC31 CT80 2010 – Current - Diamond DCR Series ✓ EMR3 - EDC 16 UC40 - Diamond Series ✓ EMR3 - EDC 16 UC40 - Explorer 3 Series

Equipment Type	Supported On
	✓ EMR3 - EDC 16 UC40
	o Iron 100/110/120
	✓ EMR3 - EDC 16 UC40
	o Iron 115/125/135 Continuo
	✓ EMR3 - EDC 16 UC40
	o Iron 130/185 DCR
	✓ EMR3 - EDC 16 UC40
	o Iron 150/170/190 Continuo
	✓ EMR3 - EDC 16 UC40
	o Laser Series
	✓ EMR3 - EDC 16 UC40
	o Silver 3 Continuo Series
	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o Audax Series
	✓ EMR4 - EDC 17 CV52
	o Fortis 100 Series
	✓ EMR4 - EDC 17 CV52
	o Fortis 200 Series
	✓ EMR4 - EDC 17 CV52
	o Fortis Infinity Line 100 Series
	✓ EMR4 - EDC 17 CV52
	o Virtus Infinity Series
	✓ EMR4 - EDC 17 CV54
	o Virtus J Series
	✓ EMR4 - EDC 17 CV54
	o Virtus Series
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o Fortis 100 Series
	✓ EMR4 - EDC 17 CV56
	o Fortis 100.4 Series
	✓ EMR4 - EDC 17 CV56
	o Fortis Infinity Line 100 Series
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Sandvik

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sandvik Off-Highway equipment types and models:

Equipment Type	Supported On
Bi-Directional Drill	2007 – 2012 - DD Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2008 – Current - DB Series ✓ EMR3 - EDC 7 UC31 - DL Series ✓ EMR3 - EDC 7 UC31 - DS Series ✓ EMR3 - EDC 7 UC31 2010 – Current - DB Series ✓ EMR3 - EDC 16 UC40 - DL Series ✓ EMR3 - EDC 16 UC40 - DS Series ✓ EMR3 - EDC 16 UC40 2014 – Current - DL Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - DS Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

SANY

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following SANY Off-Highway equipment types and models:

Equipment Type	Supported On

Backhoe Loader	• 2014 – Current
	  o SLB95
	    ✓ EMR4 - EDC 17 CV52

Excavator	• 2014 – Current
	  o SY155W
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current
	  o SW115
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SW305
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV56
	  o SW405K
	    ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	  o SW305
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Scarab

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Scarab Off-Highway equipment types and models:

Equipment Type	Supported On

Sweeper	• 2014 – Current
	  o Maven 65
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o Minor 25
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Schaeff

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Schaeff Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	- 2014 – Current
	o TC 125
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TC 85
	  ✓ EMR4 - EDC 17 CV54
	o TC 110
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TC 75
	  ✓ EMR4 - EDC 17 CV54
	o TC 95
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Wheel Loader	- 2014 – Current
	o TC 100
	  ✓ EMR4 - EDC 17 CV54
	o TC 120
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TC 70
	  ✓ EMR4 - EDC 17 CV54
	o TC 80
	  ✓ EMR4 - EDC 17 CV54

> **NOTE:** Deutz 12-pin Off-Highway cable is required.

Schaeffer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Schaeffer Off-Highway equipment types and models:

Equipment Type	Supported On
Loader	2008 – Current 9300T Series - EMR3 - EDC 7 UC31 9500T Series - EMR3 - EDC 7 UC31 2010 – Current 9300T Series - EMR3 - EDC 16 UC40 9500T Series - EMR3 - EDC 16 UC40 2014 – Current 5400Z Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 5600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 5600Z Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600 Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600Z Series - EMR4 – EDC 17 CV52 8600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54

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Equipment Type	Supported On
	o 9600T Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 9600T Series
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Sennebogen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sennebogen Off-Highway equipment types and models:

Equipment Type	Supported On
Telescopic Crane	• 2008 – Current o HPC Series ✓ EMR3 - EDC 7 UC31 • 2010 – Current o HPC Series ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Skyjack

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Skyjack Off-Highway equipment types and models:

Equipment Type	Supported On
Telescopic Loader	• 2014 – Current o SJ1040 TH Series ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o SJ1050 TH Series ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On
	o SJ1250 TH Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ40 T Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ510 TH Series
	✓ EMR4 - EDC 17 CV54
	o SJ60 AJ Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ60 T Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ640 TH Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ80 T Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SJ840 TH Series
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Snorkel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Snorkel Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Telescopic Boom Lift	• 2014 – Current o 600 Series ✓ EMR4 - EDC 17 CV54
Loader	• 2012 – 2014 o 2000 Series

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

Mulcher	• 2014 – Current
	  o 400 Series
	    ✓ EMR4 – EDC 17 CV52

Rough Terrain Telehandler	• 2014 – Current
	  o SR1000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SR9000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Still

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Still Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	  o RX70 (7331-7334 Series)
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o RX70 (7341-7344 Series)
	    ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	  o RX70 (7341-7344 Series)
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Takeuchi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Takeuchi Off-Highway equipment types and models:

Equipment Type	Supported On
Loader	2014 – Current - TW65 Series 2 - EMR4 - EDC 17 CV54 - TW95 Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54
Mini Excavator	2014 – Current - TB2150 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TW290 Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 - TW390 Series - EMR4 – EDC 17 CV52
Skid Steer	2014 – Current - TS80 Series - EMR4 – EDC 17 CV54
Wheel Loader	2014 – Current - TW80 Series 2 - EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Taylor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Taylor Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current - GT 100 Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Tecnoma

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Tecnoma Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - AXH 110 ✓ EMR3 - EDC 7 UC31 - P 140 ✓ EMR3 - EDC 7 UC31 - P 160 ✓ EMR3 - EDC 7 UC31 - S 120 B ✓ EMR3 - EDC 7 UC31 - S 120 H ✓ EMR3 - EDC 7 UC31 - T 120 B ✓ EMR3 - EDC 7 UC31 - T 140 B ✓ EMR3 - EDC 7 UC31 - T 140 H ✓ EMR3 - EDC 7 UC31 - TXH 110 ✓ EMR3 - EDC 7 UC31 - TXH 90 ✓ EMR3 - EDC 7 UC31 2010 – Current - AXH 110 ✓ EMR3 - EDC 16 UC40 - P 140 ✓ EMR3 - EDC 16 UC40 - P 160 ✓ EMR3 - EDC 16 UC40 - S 120 B ✓ EMR3 - EDC 16 UC40 - S 120 H ✓ EMR3 - EDC 16 UC40 - T 120 B

Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	  ○ T 120 H
	    ✓ EMR3 - EDC 16 UC40
	  ○ T 140 B
	    ✓ EMR3 - EDC 16 UC40
	  ○ T 140 H
	    ✓ EMR3 - EDC 16 UC40
	  ○ TXH 110
	    ✓ EMR3 - EDC 16 UC40
	  ○ TXH 90
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ P 140
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ P 160
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ S 120 B
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ S 120 H
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ T 140 B
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ T 140 H
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	  ○ P 140
	    ✓ EMR4 – EDC 17 CV56
	  ○ P 160
	    ✓ EMR4 - EDC 17 CV56
	  ○ S 120 B
	    ✓ EMR4 - EDC 17 CV56
	  ○ S 120 H

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV56
	○ T 120 B
	✓ EMR4 - EDC 17 CV56
	○ T 120 H
	✓ EMR4 - EDC 17 CV56
	○ T 140 B
	✓ EMR4 - EDC 17 CV56
	○ T 140 H
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Terex

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Terex Off-Highway equipment types and models:

Equipment Type	Supported On

Backhoe Loader	• 2014 – Current
	  ○ TLB 840
	    ✓ EMR4 - EDC 17 CV54

Excavator	• 2008 – Current
	  ○ TW 110
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 140
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 150
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 160
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 170
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 180
	    ✓ EMR3 - EDC 7 UC31
	  ○ TW 85
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current

Equipment Type	Supported On

	o TW 110
	        ✓ EMR3 - EDC 16 UC40
	     o TW 140
	        ✓ EMR3 - EDC 16 UC40
	     o TW 150
	        ✓ EMR3 - EDC 16 UC40
	     o TW 160
	        ✓ EMR3 - EDC 16 UC40
	     o TW 170
	        ✓ EMR3 - EDC 16 UC40
	     o TW 180
	        ✓ EMR3 - EDC 16 UC40
	     o TW 85
	        ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	     o TC 125
	        ✓ EMR4 – EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	     o TC 85
	        ✓ EMR4 – EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	     o TW 110
	        ✓ EMR4 – EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	     o TW 85
	        ✓ EMR4 – EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54

Material Handler	• 2008 – Current
	     o TM 200
	        ✓ EMR3 - EDC 7 UC31
	     o TM 350
	        ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	     o TM 200
	        ✓ EMR3 - EDC 16 UC40
	     o TM 350
	        ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On
Wheel Excavator	2008 – Current - MHL 320 ✓ EMR3 – EDC 7 UC31 - MHL 331 ✓ EMR3 - EDC 7 UC31 - MHL 335 ✓ EMR3 - EDC 7 UC31 - MHL 340 ✓ EMR3 - EDC 7 UC31 - MHL 350 ✓ EMR3 - EDC 7 UC31 - MHL 354 ✓ EMR3 - EDC 7 UC31 - MHL 364 ✓ EMR3 - EDC 7 UC31 - MHL 370 ✓ EMR4 – EDC 17 CV52 - MHL 380 ✓ EMR3 - EDC 7 UC31 2010 – Current - MHL 320 ✓ EMR3 – EDC 16 CV40 - MHL 331 ✓ EMR3 - EDC 16 UC40 - MHL 335 ✓ EMR3 - EDC 16 UC40 - MHL 340 ✓ EMR3 - EDC 16 UC40 - MHL 380 ✓ EMR3 - EDC 16 UC40 2014 – Current - MHL 250 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - MHL 310 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
	- MHL 320 - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 - MHL 331 - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV56 - MHL 334 - EMR4 – EDC 17 CV52 - MHL 335 - EMR4 – EDC 17 CV52 - MHL 340 - EMR4 – EDC 17 CV52 - MHL 350 - EMR4 – EDC 17 CV52 - MHL 354 - EMR4 – EDC 17 CV52 - MHL 360 - EMR4 – EDC 17 CV52 - MHL 364 - EMR4 – EDC 17 CV52 - MHL 370 - EMR4 – EDC 17 CV52 - MHL 375 - EMR4 – EDC 17 CV52 - MHL 380 - EMR4 – EDC 17 CV52 - MHL 390 - EMR4 – EDC 17 CV52 - MHL 434 - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54

- 2020 – Current
  - MHL 331
    - EMR4 - EDC 17 CV56
  - MHL 334
    - EMR4 - EDC 17 CV56
  - MHL 335
    - EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o MHL 340
	    ✓ EMR4 - EDC 17 CV56
	o MHL 350
	    ✓ EMR4 - EDC 17 CV56
	o MHL 354
	    ✓ EMR4 - EDC 17 CV56
	o MHL 360
	    ✓ EMR4 - EDC 17 CV56
	o MHL 434
	    ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2014 – Current
	o TL 120
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Terrion

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Terrion Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2012 – 2024
	o 4000 Series
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2014 – 2024
	o 7000 Series
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2023 – 2024
	o 5000 Series
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Textron GSE-TUG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Textron GSE-TUG Off-Highway equipment types and models:

Equipment Type	Supported On
Deicer	2008 – Current - Safeaero 220 ✓ EMR3 - EDC 7 UC31 2010 – Current - Safeaero 220 ✓ EMR3 - EDC 16 UC40 2014 – Current - Safeaero 220 ✓ EMR4 – EDC 17 CV52 2020 – Current - Safeaero 220 ✓ EMR4 - EDC 17 CV56
Pushback-Tug	2008 – Current - TBL-180 ✓ EMR3 - EDC 7 UC31 - TUG MT ✓ EMR3 - EDC 7 UC31 2010 – Current - TBL-180 ✓ EMR3 - EDC 16 UC40 - TUG MT ✓ EMR3 - EDC 16 UC40 2014 – Current - TBL-180 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - TBL-400 ✓ EMR4 – EDC 17 CV52 - TUG 660 ✓ EMR4 – EDC 17 CV52 - TUG Alpha ✓ EMR4 – EDC 17 CV52 - TUG GT-35

Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	  o TUG M1A
	      ✓ EMR4 – EDC 17 CV52
	  o TUG MA
	      ✓ EMR4 – EDC 17 CV52
	  o TUG MH
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	  o TUG MR
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Thwaites

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Thwaites Off-Highway equipment types and models:

Equipment Type	Supported On

Wheeled Dump Truck	• 2014 – Current
	  o 6 Tonne
	      ✓ EMR4 – EDC 17 CV52
	  o 9 Tonne
	      ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Trepel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Trepel Off-Highway equipment types and models:

Equipment Type	Supported On
Deck Loader	• 2008 – Current o Champ 140

Equipment Type	Supported On

	✓ EMR3 - EDC 7 UC31
	  o Champ 200
	    ✓ EMR3 - EDC 7 UC31
	  o Champ 350
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o Champ 140
	    ✓ EMR3 - EDC 16 UC40
	  o Champ 200
	    ✓ EMR3 - EDC 16 UC40
	  o Champ 350
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  o Champ 140
	    ✓ EMR4 – EDC 17 CV52
	  o Champ 200
	    ✓ EMR4 – EDC 17 CV52
	  o Champ 350
	    ✓ EMR4 – EDC 17 CV52

Pushback Tug	• 2008 – Current
	  o Challenger 280
	    ✓ EMR3 - EDC 7 UC31
	  o Challenger 430
	    ✓ EMR3 - EDC 7 UC31
	  o Challenger 550
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o Challenger 280
	    ✓ EMR3 - EDC 16 UC40
	  o Challenger 430
	    ✓ EMR3 - EDC 16 UC40
	  o Challenger 550
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  o Challenger 150
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On

	o Challenger 280
	  ✓ EMR4 – EDC 17 CV52
	 o Challenger 430
	  ✓ EMR4 – EDC 17 CV52
	 o Challenger 550
	  ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	 o Challenger 150
	  ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

TYM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TYM Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	 o T130
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 – EDC 17 CV54
	 o T62
	  ✓ EMR4 – EDC 17 CV52
	 o T654
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 – EDC 17 CV54
	 o T69
	  ✓ EMR4 – EDC 17 CV52
	 o T754
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 – EDC 17 CV54
	 o T76
	  ✓ EMR4 – EDC 17 CV52
	 o T78
	  ✓ EMR4 – EDC 17 CV52
	 o TJV755
	  ✓ EMR4 – EDC 17 CV52

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Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV54
	o TJV985
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TS125
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TS130
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TX58
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TX62
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TX68
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o TX76
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Ursus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ursus Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	• 2014 – Current
	o C-3150
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	o C3150 V
	✓ EMR4 – EDC 17 CV52

Equipment Type	Supported On
	o C-380 ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Valpadana

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Valpadana Off-Highway equipment types and models:

Equipment Type	Supported On

Crane	• 2014 – Current
	  o 9000 Series
	    ✓ EMR4 – EDC 17 CV54
	• 2014 – 2024
	  o 7000 Series
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Venieri

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Venieri Off-Highway equipment types and models:

Equipment Type	Supported On

Backhoe Loader	• 2014 – Current
	  o 10.23D
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o 10.23E
	    ✓ EMR4 – EDC 17 CV52
	  o 10.33C
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On
Wheel Loader	2014 – Current 11.63B ✓ EMR4 – EDC 17 CV52 12.63B ✓ EMR4 – EDC 17 CV52 13.63B ✓ EMR4 – EDC 17 CV52 18.63B ✓ EMR4 – EDC 17 CV52 5.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 7.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.23F ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.23G ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.63TL ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 9.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 2020 – Current 11.63B ✓ EMR4 – EDC 17 CV56 12.63B ✓ EMR4 – EDC 17 CV56 13.63B ✓ EMR4 – EDC 17 CV56 18.63B ✓ EMR4 – EDC 17 CV56

> **NOTE:** Deutz 12-pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vemeer Off-Highway equipment types and models:

Equipment Type	Supported On

Directional Drill	• 2014 – Current
	  o D10X15 S3
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o D20X22 S3
	    ✓ EMR4 – EDC 17 CV52
	  o D23X30 S3
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Pile Driver	• 2014 – Current
	  o PD10
	    ✓ EMR4 – EDC 17 CV52

Stump Grinder	• 2014 – Current
	  o SC852
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Tractor	• 2014 – Current
	  o RTX125012
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o RTX450
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o RTX550
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o RTX750
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On

	o XTS125012
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54

Trommel Screen	• 2014 – Current
	    o TR5300
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	    o TR6400EU
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54

Wood Chipper	• 2014 – Current
	    o BC1000XL
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Vogele

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vogele Off-Highway equipment types and models:

Equipment Type	Supported On

Paver	• 2014 – Current
	    o 1300 31
	       ✓ EMR4 – EDC 17 CV52
	    o 700 I
	       ✓ EMR4 – EDC 17 CV52
	    o 800 3I
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Volvo CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Volvo CE Off-Highway equipment types and models:

Equipment Type	Supported On
Cold Planer	2008 – Current - MW Series (XY) - EMR3 - EDC 7 UC31 2010 – Current - MW Series (XY) - EMR3 - EDC 16 UC40
Vibratory Roller	2019 – 2024 - DD Series (XY) - EMR3 - EDC 16 UC40 - EMR3 - EDC 7 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Wacker Neuson

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wacker Neuson Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	2014 – Current - DV 100 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 60 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 90 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 50 Series - EMR4 – EDC 17 CV54

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Equipment Type	Supported On

Excavator	• 2014 – Current
	  o ET 90 Series
	    ✓ EMR4 – EDC 17 CV54

Telehandler	• 2014 – Current
	  o TH 700 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Wheel Loader	• 2014 – Current
	  o WL 30 Series
	    ✓ EMR4 – EDC 17 CV54
	  o WL 40 Series
	    ✓ EMR4 – EDC 17 CV54
	  o WL 50 Series
	    ✓ EMR4 – EDC 17 CV54
	  o WL 90 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	• 2020 – Current
	  o WL 90 Series
	    ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Weidemann

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weidemann Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loader	• 2012 – 2016
	  o 3000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	• 2012 – 2024
	  o 2000 Series

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Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	  ○ 4000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	• 2014 – Current
	  ○ 2000T Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	    ✓ Diesel Control, Common Rail
	  ○ 3000T Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ 4000T Series
	    ✓ EMR4 – EDC 17 CV52
	  ○ 9000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ 9500T Series
	    ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	  ○ 9000 Series
	    ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Weycor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weycore Off-Highway equipment types and models:

Equipment Type	Supported On

Vibratory Loader	• 2014 – Current
	  ○ AW1000 Series
	    ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On
	2016 – 2019 - AW1100 Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 7 UC31
Wheel Loader	2014 – Current - AR100 Series - EMR4 – EDC 17 CV52 - AR250 Series - EMR4 – EDC 17 CV52 - AR400 Series - EMR4 – EDC 17 CV54 - AR400T Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR500 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR60 Series - EMR4 – EDC 17 CV54 - AR600 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR75 Series - EMR4 – EDC 17 CV54 - AR80 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR95 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 2020 – Current - AR100 Series - EMR4 – EDC 17 CV56 - AR250 Series - EMR4 – EDC 17 CV56 - AR600 Series - EMR4 – EDC 17 CV56

Equipment Type	Supported On
	o AR95 Series ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Wirtgen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wirtgen Off-Highway equipment types and models:

Equipment Type	Supported On

Cold Planer	• 2014 – Current
	  o W 100 RI
	    ✓ EMR4 – EDC 17 CV52
	  o W 120 RI
	    ✓ EMR4 – EDC 17 CV52
	  o W 35 RI
	    ✓ EMR4 – EDC 17 CV54
	  o W 50 RI
	    ✓ EMR4 – EDC 17 CV52
	  o W 60 RI
	    ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	  o W 100 RI
	    ✓ EMR4 – EDC 17 CV56 AW1100 Series
	  o W 120 RI
	    ✓ EMR4 – EDC 17 CV56 AW1100 Series
	  o W 50 RI
	    ✓ EMR4 – EDC 17 CV56 AW1100 Series
	  o W 60 RI
	    ✓ EMR4 – EDC 17 CV56 AW1100 Series

Paver	• 2008 – Current
	  o SP 15I
	    ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	  o SP 20I
	    ✓ EMR3 - EDC 7 UC31 700 I AR250

Equipment Type	Supported On

	Series
	   o SP 25I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	   o SP 61I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	   o SP 62I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	   o SP 64I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	• 2010 – Current
	   o SP 15I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 20I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 25I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 61I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 62I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 64I
	      ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o SP 15I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 20I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 25I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 61I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 62I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 64I

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV52

Placer/Spreader	• 2008 – Current
	  ○ WPS 62I
	    ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	• 2010 – Current
	  ○ WPS 62I
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ WPS 62I
	    ✓ EMR4 – EDC 17 CV52

Texture Curing Machine	• 2014 – Current
	  ○ TCM 180I
	    ✓ EMR4 – EDC 17 CV52
	  ○ TCM 95I
	    ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Wollard

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wollard Off-Highway equipment types and models:

Equipment Type	Supported On

Loader	• 2014 – Current
	  ○ TC 888
	    ✓ EMR4 – EDC 17 CV52
	  ○ TC 999
	    ✓ EMR4 – EDC 17 CV52

Equipment Type	Supported On
Passenger Stair	2014 – Current - CMPS 170 ✓ EMR4 – EDC 17 CV52 - CMPS 228 ✓ EMR4 – EDC 17 CV52
Scissor Lift	2014 – Current - TML 704 ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

XCMG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following XCMG Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2008 – Current - RP1356 ✓ EMR3 - EDC 7 UC31 2010 – Current - RP1356 ✓ EMR3 - EDC 16 UC40
Boom Hydraulic Pilot Drill	2008 – Current - TZ3 Series ✓ EMR3 - EDC 7 UC31 2010 – Current - TZ3 Series ✓ EMR3 - EDC 16 UC40
Forklift	2014 – Current - FD40T-JT ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - FD45T-JT ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On

	o FD50T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	o FD70T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

XTREME

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following XTREME Off-Highway equipment types and models:

Equipment Type	Supported On

Telehandler	• 2014
	o XR 1500 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	o XR 2000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	o XR 600 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Yanmar

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Yanmar Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	• 2014 – Current o B 110W ✓ EMR4 – EDC 17 CV52

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Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV54
	○ B 75W
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV54
	○ B 95W
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV54

Midi Excavator	• 2014 – Current
	○ SV 120
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV54

Wheel Loader	• 2014 – Current
	○ V 100
	   ✓ EMR4 – EDC 17 CV54
	○ V 120
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV54
	○ V 70
	   ✓ EMR4 – EDC 17 CV54
	○ V 80
	   ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Zetor

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Zetor Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	○ Crystal Series, Engine: Final Tier 4/Stage IV
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV56
	○ Hortus Series, Engine: Interim Tier 4/Stage IIIB

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV54 o Major Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

ZoomLion

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ZoomLion Off-Highway equipment types and models:

Equipment Type	Supported On

Knuckle Boom	• 2014 – Current
	  o ZA14J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Telescopic Boom Lift	• 2014 – Current
	  o ZA14J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o ZT26J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Off-Highway support for John Deere

- Bi-Directional support for John Deere engines:

Bi-Directional Test	Supported On
Cylinder Cut-Out	4045 and 6068 engines on applicable equipment
DPF Regeneration	4045 and 6068 engines on applicable equipment

Air-O-Fan

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Air-O-Fan Off-Highway equipment types and models:

Equipment Type	Supported On
Harvest Sprayer	• D-40R o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Bell

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bell Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loader	• L1204E
	  o 4045 & 6068
	• L1506E
	  o 4045 & 6068

Wheeled Loader	• L1704E
	  o 6068
	• L1806E
	  o 6068
	• L2106E
	  o 6068
	• L2606E
	  o 06068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Bourgoin

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bourgoin Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	• B410

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Equipment Type	Supported On

	○ 4045 & 6068
	• B510
	   ○ 4045 & 6068
	• B610
	   ○ 4045 & 6068
	• BC06
	   ○ 4045 & 6068
	• BH7100
	   ○ 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

CLAAS

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CLAAS Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	• Arion 6X0 CMATIC (A77), Engine: Final Tier 4 / Stage IV ○ 4045

Tractor	• Arion 4X0 C (A21), Engine: Tier3/Stage III
	   ○ 4045
	• Arion 5X0 CMATIC (A34/35), Engine: Interim Tier 4/Stage IIIB
	   ○ 4045
	• Arion 5X0 CMATIC (A75), Engine: Final Tier 4/Stage IV
	   ○ 4045 & 6068
	• Arion 5X0 HexaShift (A74), Engine: Interim Tier 4/Stage IIIB
	   ○ 4045
	• Arion 5X0 HexaShift (A74), Engine: Final Tier 4/Stage IV
	   ○ 4045 & 6068
	• Arion 5X0 CEBIS (A18), Engine: Tier 3/Stage III
	   ○ 6068

Equipment Type	Supported On
	- Arion 5X0 CIS (A18), Engine: Tier 3/Stage III 6068 - Arion 6X0 CEMATIC (A36/A37), Engine: Interim Tier 4/Stage IIIB 4045 - Arion 6X0 CEMATIC (A77), Engine: Final Tier 4/Stage IV 6068 - Arion 6X0 HexaShift (A36/A37), Engine: Interim Tier 4/Stage IIIB 4045 - Arion 6X0 HexaShift (A76), Engine: Final Tier 4/Stage IV 4045 & 6068 - Arion 6X0 C (A20), Engine: Tier 3/Stage III 4045 - Arion 6X0 CEBIS (A19), Engine: Tier 3/Stage III 6068 - Arion 6X0 CIS (A19), Engine: Tier 3/Stage III 6068 - Axion 8X0 CEBIS (A31), Engine: Tier 3/Stage III 6068 - Axion 8X0 CEBIS (A09/A30), Engine: Tier 3/Stage III 6068 - Axion 8X0 CIS (A09/A30), Engine: Tier 3/Stage III 6068
Wheel Loader	- Torion 1100 Series, Engine: Final Tier 4/Stage IV 4045 - Torion 1400 Series, Engine: Final Tier 4/Stage IV 4045 - Torion 1500 Series, Engine: Final Tier 4/Stage IV 4045

Equipment Type	Supported On
	• Torion 900 Sinus Series, Engine: Final Tier 4/Stage IV o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

COE

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following COE Off-Highway equipment types and models:

Equipment Type	Supported On

Bankout	• R10 R Series
	  o 4045 & 6068
	• R8 R Series
	  o 4045 & 6068

Bin Carrier	• W8 R Series o 4045 & 6068
Catching Frame Receiver	• L2 R Series o 4045
Elevator	• E5 Series o 4045 & 6068

Shaker	• C7 R Series
	  o 4045
	• E5 Series
	  o 4045
	• M7 R Series
	  o 4045
	• S7 R Pro Series
	  o 4045
	• S7 R Series
	  o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

CombiLift

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	- C-14000 Series
	  o 4045
	- C-25000 Series
	  o 4045 & 6068
	- C-30000 Series
	  o 4045 & 6068
	- C-55000 Series
	  o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Energreen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Energreen Off-Highway equipment types and models:

Equipment Type	Supported On
Feeder	- ILF Alpha o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Flory

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Flory Off-Highway equipment types and models:

Equipment Type	Supported On

Sweeper	- 33 Series
	  o 4045
	- 34 Series
	  o 4045
	- 78 Series

Equipment Type	Supported On
	4045 & 6068 79 Series 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Genie

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Genie Off-Highway equipment types and models:

Equipment Type	Supported On
Knuckle Boom	- GTH-1000 Series 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Global Environmental

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Global Environmental Off-Highway equipment types and models:

Equipment Type	Supported On
Multi-purpose Vehicle	- V6 Air 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Grim

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Grim Environmental Off-Highway equipment types and models:

Equipment Type	Supported On
Sprayer GT	- Serie GT 4045 & 6068 - Serie Maxi

Equipment Type	Supported On
	o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Hidromek

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hidromek Off-Highway equipment types and models:

Equipment Type	Supported On
Backhoe Loader	• HMK 100 B Series o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

John Deere

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following John Deere Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	• 250D Series II o 6068
Asphalt Pavers	• 550P o 4045
Backhoe Loader	• 310J o 4045 • 310K o 4045 • 310K EP o 4045 • 310L o 4045 • 310P o 4045 • 310SJ

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Equipment Type	Supported On
	- o 4045 • 310SJ TC - o 4045 • 310SK - o 4045 • 310SK TC - o 4045 • 310SL - o 4045 • 315SJ - o 4045 • 315SK - o 4045H • 310SL - o 4045 • 320P - o 4045 • 325J - o 4045 • 410J - o 4045 • 410J TC - o 4045 • 410K - o 4045 • 410K TC - o 4045 • 410L - o 4045 • 410P - o 4045 • 444G - o 4045 • 624J - o 6068 • 624K - o 6068

Equipment Type	Supported On
	624K II 6068 624KR 4045 & 6068 644K 6068 - CH500 Series 6068 - WL53 6068H - WL56 6068H
Cold Planer	700K 4045 & 6068 700L 6068 710L 4045HT084
Crawler Dozer	450J 4045 450K 4045 450P 4045 550J 4045 550P 4045 650J 4045 650P 4045 700J 6068 850K 6068

Equipment Type	Supported On
Crawler Excavator	260E 6068 260P 6068 2654G 6068 2656G 6068 2654G 6068 270D LC 6068 - E210 LC 4045H(A) - E260 LC 6068H
Crawler Loader	744P 6068 748L-II 6068 750J 4045 750K 6068 755D 6068 764 6068 768L-II 6068 770P 6068 772P 6068
Excavator	120D 4045

Equipment Type	Supported On
	160D LC 4045 160G LC 4045 180G LC 4045 200D 4045 200G 4045 & 6068 210G LC 4045 & 6068 2154D 4045 & 6068 2154G 6068 2156G 6068 240D LC 6068 2454D 6068 250G LC 6068 290G LC 6068 2954D 4045 & 6068 350D LC 6068 - CH300 Series 4045 & 6068 - CH600 Series 6068 - CH900 Series 4045 - CTS Series 6068

Equipment Type	Supported On

	• E230 LC
	   ○ 6068
	• E300 LC
	   ○ 6068
	• E330 LC
	   ○ 6068
	• E380 LC
	   ○ 6068
	• E400 LC
	   ○ 6068

Feller Buncher	• 930M
	   ○ 6068
	• 909K
	   ○ 6068
	• 909M
	   ○ 6068
	• 953M
	   ○ 6068
	• 953MH
	   ○ 6068
	• 953ML
	   ○ 6068
	• 959K
	   ○ 6068
	• 959M
	   ○ 6068
	• 959MH
	   ○ 6068
	• 959ML
	   ○ 6068

Forwarders	• 1010G
	   ○ 4045HFC93
	• 1110G
	   ○ 6068HFC93
	• 1210G
	   ○ 6068HFC93
	• 1510G

Equipment Type	Supported On
	o 6068HFC93 • 910G o 4045HFC93
Harvester	• 1070D o 6068H • 1070E o 4045 • 1170E o 4045 • 130G LC o 4045 • 3154G o 6068 • 3156G o 6068 • 337E o 6068 • C100/C200/C600 Series o 4045 • CWS Series o 6068HZ • S400 Series o 6068 • S500 Series o 6068 • STS Series o 6068 • T500 Series o 4045 & 6068 • W200 Series o 6068 • W500/W600 Series o 6068 • WTS Series o 4045 & 6068
Hydraulic Excavator	• 3500 Series o 6068

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Equipment Type	Supported On
Knuckle Boom	• 437E o 6068

Loader	• 344L
	   o 4045
	• S700 Series
	   o 6068

Loader Backhoe	• 710J
	   o 4045
	• 710K
	   o 4045

Motor Grader	• 620G
	   o 4045 & 6068
	• 620GP
	   o 4045 & 6068
	• 620P
	   o 4045 & 6068
	• 622G
	   o 4045 & 6068
	• 622GP
	   o 4045 & 6068
	• 622P
	   o 4045 & 6068
	• 670G
	   o 6068
	• 670GP
	   o 6068
	• 670P
	   o 6068
	• 672P
	   o 6068

Mulcher	• R4 Series o 6068
Paver	• 650K Series o 4045
Skidder	• 948L-II

Equipment Type	Supported On
	o 6068

Swing	• 3754D
	   o 6068
	• 3754G
	   o 6068
	• 3756G
	   o 6068

Tractor	• 4030 Series
	   o 4045 & 6068
	• 49XX Series
	   o 6068
	• 5000 E Series
	   o 4045
	• 5M Series
	   o 4045
	• 5MH Series
	   o 4045
	• 5R Series
	   o 4045
	• 5RN Series
	   o 4045
	• 6025 Series
	   o 4045 HL
	• 6030 Series
	   o 4045HL
	• 6D Series
	   o 4045
	• 6J Series
	   o 4045
	• 6M Series
	   o 4045
	• 6R Series
	   o 4045
	• 7000 Series
	   o 6068
	• 7030 Series
	   o 4045 & 6068

Equipment Type	Supported On
	7J Series 6068 7R Series 6068 8030 Series 6068 8R Series 6068 9030 Series 6068 9R Series 6068
Tractor/Loader/Backhoes	310E 6068 310L EP - E4045HT072 310SL HL 4045HT096
Tree Harvesters	1070G 6068HFC94 1170G 6068HFC94
Wheel Loader	210K 4045HT 210K EP 4045HT 210L 4045 210L EP 4045 344J 4045T 444J 4045 444JR 4045

Equipment Type	Supported On
	444K 4045 524K 4045 524K II 6068 544G 4045 & 6068 544J 4045 & 6068 544K 4045 544K II 4045 & 6068 550K 4045 640L-II 6068 643L-II 6068 644G 4045 & 6068 644J 6068 803M 6068 824P 6068 843L-II 6068 848L-II 6068 850J 6068 853M 6068 859M 6068

Equipment Type	Supported On
Wheel Loaders	624L - PVX 6068-2 644L - PowerTech PSS 6068 648L-II 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Johnston

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Johnston Off-Highway equipment types and models:

Equipment Type	Supported On
Sweeper	- RT Series 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Kuhn

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kuhn Off-Highway equipment types and models:

Equipment Type	Supported On
Self-propelled Silage Cutter	- SPV Access Series 4045 & 6068 - SPV Power Series 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Liebherr

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liebherr Off-Highway equipment types and models:

Equipment Type	Supported On
Crane	• TL 435-10 ○ 4045

Wheel Loader	• L 514
	   ○ 4045
	• L 518
	   ○ 4045
	• L 524
	   ○ 4045
	• L 526
	   ○ 4045
	• L 528
	   ○ 4045
	• L 538
	   ○ 4045
	• L 546
	   ○ 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Manitou

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Manitou Off-Highway equipment types and models:

Equipment Type	Supported On

Telehandler	• MT 10000 Series
	   ○ 4045
	• MT 12000 Series
	   ○ 4045
	• MT 6000 Series
	   ○ 4045
	• MT 8000 Series
	   ○ 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Mazzotti

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mazzotti Off-Highway equipment types and models:

Equipment Type	Supported On
Self-Propelled Sprayer	- IBIS 2130, Engine: Final Tier 4/Stage IV 4045 - IBIS 2130, Engine: Interim Tier 4/Stage IIIB 4045 - IBIS 2130, Engine: Tier 3/Stage IIIA 4045 & 6068 - IBIS 2530, Engine: Final Tier 4/Stage IV 4045 - IBIS 2530, Engine: Interim Tier 4/Stage IIIB 4045 - IBIS 2530, Engine: Tier 3/Stage IIIA 4045 & 6068 - IBIS 3180 LP, Engine: Final Tier 4/Stage IV 4045 - IBIS 3180 LP, Engine: Tier 3/Stage IIIA 4045 & 6068 - MAF 2580, Engine: Final Tier 4/Stage IV 4045 - MAF 2580, Engine: Tier 3/Stage IIIA 4045 & 6068 - MAF 2580, Engine: Tier 5/Stage V 4045 - MAF 3180, Engine: Final Tier 4/Stage IV - PowerTech PSS 6068 - MAF 3180, Engine: Tier 3/Stage IIIA 4045 & 6068 - MAF 3580, Engine: Tier 5/Stage V - PowerTech PSS 6068 - MAF 3580, Engine: Tier 3/Stage IIIA 4045 & 6068 - MAF 3580, Engine: Tier 5/Stage V

Equipment Type	Supported On
	o 4045
	• MAF 4240, Engine: Tier 5/Stage V
	o 6068
	• MAF 5240, Engine: Tier 5/Stage V
	o 6068
	• MAF 6240, Engine: Tier 5/Stage V
	o 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Menzi Muck

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Menzi Muck Off-Highway equipment types and models:

Equipment Type	Supported On
Wheel Excavator	• A91F
	o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Monchiero

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Monchiero Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	• 20125 FEROX
	o 4045 & 6068
	• 20145
	o 4045
	• 20240
	o 6068
Shaker	• 30140
	o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

MTS-Sandei

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MTS-Sandei Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	• SL Series ○ 6068
Rock Truck	• TH Series ○ 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

OXBO

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following OXBO Off-Highway equipment types and models:

Equipment Type	Supported On

Harvester	• 1080
	    ○ 4045
	• 4420
	    ○ 4045 & 6068
	• 6120
	    ○ 4045 & 6068
	• 6220
	    ○ 4045 & 6068
	• 6420
	    ○ 4045 & 6068
	• PH80
	    ○ 4045 & 6068
	• XL Series
	    ○ 4045

Self-Propelled Merger	• 4334
	    ○ 4045 & 6068
	• 5170
	    ○ 4045 & 6068
	• 5180

Equipment Type	Supported On
	o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Paus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Paus Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	• PGS 18 o 4045 • PGS 22 o 6068 • PGS 26 o 6068 • PGS 30 o 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Pellenc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pellenc Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	• MAVO o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Sgariboldi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sgariboldi Off-Highway equipment types and models:

Equipment Type	Supported On
Feeder	- Combi 8217 6068 - Combi 8220 6068 - Combi 8223 6068 - Combi 8225 6068 - Combi 8228 6068 - Grizzly 8118 6068 - Grizzly 8120 6068 - Grizzly 8122 6068 - Grizzly 8125 6068 - Grizzly 8128 6068 - Gulliver 8021 6068 - Gulliver 8025 6068 - Gulliver 8028 6068 - Gulliver 8031 6068 - Titanium 8130 6068 - Titanium 8132 6068

Equipment Type	Supported On

	• Titanium 8136
	   ○ 6068
	• Titanium 8140
	   ○ 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Sitrex-AGM

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sitrex-AGM Off-Highway equipment types and models:

Equipment Type	Supported On

Combine	• Rapido 150
	   ○ 6068
	• Rapido 180
	   ○ 6068
	• Rapido 200
	   ○ 6068
	• Rapido 220
	   ○ 6068
	• Virage 140
	   ○ 6068
	• Virage 170
	   ○ 6068
	• Virage 200
	   ○ 6068
	• Virage Maxi 200
	   ○ 6068
	• Virage Maxi 220
	   ○ 6068
	• Virage Maxi 240
	   ○ 6068
	• Virage Maxi 270
	   ○ 6068

Feeder	• Feedstar 120 ○ 4045

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Equipment Type	Supported On
	- Feedstar 140 4045 - Feedstar 170 4045 - Feedstar 200 4045 - Premier 110 4045 - Premier 120 4045 - Premier 140 4045 - Premier 170 4045 - Premier 200 4045 - Premier Maxi 170 6068 - Premier Maxi 200 6068 - Premier Maxi 220 6068 - Premier Maxi 240 6068 - Premier Maxi 270 6068 - Premier Maxi 300 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Spierings

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Spierings Off-Highway equipment types and models:

Equipment Type	Supported On

Crane	• SK1265, Engine: Euro 4
	  o 4045
	• SK487, Engine: Euro 6+
	  o 6068
	• SK498, Engine: Euro 4
	  o 4045
	• SK597, Engine: Euro 6
	  o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Strautmann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Strautmann Off-Highway equipment types and models:

Equipment Type	Supported On

Mixer	• Sherpa Series
	  o 4045
	• Verti-Mix Double SF Series
	  o 4045 & 6068
	• Verti-Mix SF Series
	  o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

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TYM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TYM Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	- K120 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vermeer Off-Highway equipment types and models:

Equipment Type	Supported On
Chipper	- AX19 4045 - BC1500 4045
Crushing and Processing Equipment	- TR626 4045HFC93
Directional Drill	- D100X120 S2 4045 & 6068 - D24X40 S3 4045 - D36X50 S2 4045 - D40X55 S3 4045
Trencher	- T555III 6068H - T558III 4045 & 6068 - T655III 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

VREDO

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following VREDO Off-Highway equipment types and models:

Equipment Type	Supported On
Multi-Purpose	• VR2716 o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Weiss McNair

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weiss McNair Off-Highway equipment types and models:

Equipment Type	Supported On

Sweeper	• 2850 Series
	  o 4045
	• 2930 Series
	  o 4045
	• JD80 Series
	  o 4045T
	• JD80LP Series
	  o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Off-Highway Support for Kubota

- Supports proprietary sensor data for supported engines with part number 1H01 Aftertreatment Control Unit on applicable equipment.
- Bi-Directional support for Kubota engines:

Bi-Directional Test	Supported On
DPF Regen Interval Time Reset	• V2607-CR-TE4 and V3800-TIEF4 engines on applicable equipment

Bi-Directional Test	Supported On
DPF Soot Load Reset	• V2607-CR-TE4 and V3800-TIEF4 engines on applicable equipment
EGR Valve On/Off Function	• V3800-TIEF4 engines on applicable equipment
Fuel Injector Compensation	• V2607-CR-TE4, V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment
Injector Injection Control Function Test	• Supported engines with part number 1H01 Aftertreatment Control Unit on applicable equipment
Supply Pump Learning Test	• V2607-CR-TE4, V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment

Ammann

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ammann Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	• ARS70 o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Bandit

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bandit Off-Highway equipment types and models:

Equipment Type	Supported On

Other AG Equipment	• Citrus Special Bin Bandit
	  o V3307-CR-T
	• High Density Bin Bandit
	  o V3307-CR-T
	• High Density / Platform Bin Bandit
	  o V3307-CR-T
	• Low Profile Bin Bandit
	  o V3307-CR-T

Barbco

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Barbco Off-Highway equipment types and models:

Equipment Type	Supported On
Bore/Drill Rigs	• 30 – 250 o V3307-CR-T

Bomag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Barbco Off-Highway equipment types and models:

Equipment Type	Supported On
Pavers	• BF 200 C-2 o V3307-CR-T

Rollers	• BW 141 AD-5
	    o V3307-CR-T
	 • BW 145 D-5
	    o V3307-CR-T
	 • BW 145 DH-5
	    o V3307-CR-T
	 • BW 145 PDH-5
	    o V3307-CR-T
	 • BW 151 AC-5
	    o V3307-CR-T
	 • BW 151 AD-5
	    o V3307-CR-T
	 • BW 151 AD-5 AM
	    o V3307-CR-T
	 • BW 154 ACP-4I
	    o V3307-CR-T
	 • BW 154 ACP-4I AM

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Equipment Type	Supported On

	○ V3307-CR-T
	• BW 154 ACP-4V
	    ○ V3307-CR-T
	• BW 154 ACP-4V AM
	    ○ V3307-CR-T
	• BW 154 AD-5
	    ○ V3307-CR-T
	• BW 154 AP-4I
	    ○ V3307-CR-T
	• BW 154 AP-4I AM
	    ○ V3307-CR-T
	• BW 154 AP-4V
	    ○ V3307-CR-T
	• BW 154 AP-4VAM
	    ○ V3307-CR-T
	• BW 154 APO-4V
	    ○ V3307-CR-T
	• BW 177 DH-5
	    ○ V3307-CR-T
	• BW 177 PDH-5
	    ○ V3307-CR-T
	• BW11RH-5
	    ○ V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Bright

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bright Off-Highway equipment types and models:

Equipment Type	Supported On
Rough Terrain Forklifts	• BD3-7570 Back Deck (Poultry Forklift) ○ V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Broderson

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Broderson Off-Highway equipment types and models:

Equipment Type	Supported On
Cranes	- IC-100-B - V3307-CR-T - IC-80-L - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Chicago Pneumatic

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Chicago Pneumatic Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- SR130D / SR130PD - V3307-CR-T - SR140 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

CombiLift

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	- C6000 - V3800-CR-TE4 - C8000 - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Dieci

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dieci Off-Highway equipment types and models:

Equipment Type	Supported On
Rough Terrain Forklifts	- Agri Farmer 28.7 GD / 30.7 GD / 28.9 GD / 30.9 GD - V3800-CR-TE4-TI - Agri Pivot T60 - V3307-CR-T - Apollo 26.6 - V3307-CR-T - Dedalus 28.7 / 28.9 / 30.7 / 30.9 GD - V3800-CR-TE4-TI - Icarus GD 40.14 / 40.17 / 50.18 - V3800-CR-TE4-TI - Mini Agr 26.6 - V3307-CR-T - Zeus GD 40.7 / 38.8 / 38.10 / 35.11 / 40.13 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Dynapac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dynapac Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- CA1300D, CA1300PD & CA1400(P)D - V3307-CR-T - CA1400D / PD (Stage IIIB/T4f) - V3307-CR-T - CA1400D / PD (Stage V) - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Ferrari

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ferrari Off-Highway equipment types and models:

Equipment Type	Supported On
AG Tractors	- THOR K105 AR / K105 RS - V3800-CR-TE4 - VEGA K105 - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Global Pump

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Global Pump Off-Highway equipment types and models:

Equipment Type	Supported On
Pumps	4GSH (High Head Pump) - V3800-CR-TE4-TI 6GST (Trash Pump) - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hamm

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hamm Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- DV+ 70i VV-S/VO-S/VT-S - V3307-CR-T - H 5i & H 5i P - V3307-CR-T - H 7i & H 7i P & H 7i VIO - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hitachi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hitachi Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- ZC125M-5 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hyster

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hyster Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	- H135FT & H155FT (Doc Engine) - V3800-CR-TE4-TI - H135FT & H155FT (H.O. Engine) - V3800-CR-TE4-TI - H170FT, H175FT & H190FT - V3800-CR-TE4-TI - H80FT, H90FT, H100FT, H110FT, & H120FT - V3800-CR-TE4-TI - S135FT & S155FT - V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

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John Bean

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following John Bean Off-Highway equipment types and models:

Equipment Type	Supported On
Other Industrial Equipment	• Sewer JET 700 o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Kubota

- Supports proprietary Faults and sensor data for the listed Kubota equipment types, models, and engines:

Equipment Type	Supported On

Ag Tractors	• M100G
	   o V3800-CR-TE4
	• M100GE
	   o V3800-CR-TE4
	• M1010W-K
	   o V3800-CR-TE4
	• M1010W-L
	   o V3800-CR-TE4
	• M105GX III
	   o V3800-CR-TE4
	• M105GX IV
	   o V3800-CR-TE4
	• M1060W
	   o V3800-CR-TE4
	• M110G
	   o V3800-CR-TE4
	• M110GE
	   o V3800-CR-TE4
	• M4-071HDC12 4WD
	   o V3307-CR-T4B
	• M4D-061HDC12 4WD
	   o V3307-CR-T4B

- M4D-071HDC12 4WD
  - V3307-CR-T4B
- M4N-071
  - V3800-CR-TE4
- M5-091 2WD
  - V3800-CR-TE4
- M5-091 4WD
  - V3800-CR-TE4
- M5-111 2WD
  - V3800-CR-TE4
- M5-111 4WD
  - V3800-CR-TE4
- M5L-111
  - V3800-CR-TE4-TI
- M5N-091
  - V3800-CR-TE4-TI
- M5N-111
  - V3800-CR-TE4-TI
- M6060
  - V3307-CR-T-E4B
- M6-101
  - V3800-CR-TE4-TI
- M6-101U
  - V3800-CR-TE4-TI
- M6-111
  - V3800-CR-TE4-TI
- M6-111U
  - V3800-CR-TE4-TI
- M6H-101
  - V3800-CR-TE4-TI
- M6L-111
  - V3800-CR-TE4-TI
- M6S-111 2WD
  - V3800-CR-TE4-TI
- M6S-111 4WD
  - V3800-CR-TE4-TI

- M7060
  - V3307-CR-T-E4B
- M720W
  - V3800-CR-TE4
- M860W-K
  - V3800-CR-TE4
- M860W-L
  - V3800-CR-TE4
- M95GX III
  - V3800-CR-TE4
- M95GX IV
  - V3800-CR-TE4
- MR1000
  - V3800-CR-TE4
- MR1000A
  - V3800-CR-TE4

- MR60
  - V3307-CR-T
- MR600H
  - V3307-CR-T
- MR65
  - V3307-CR-T
- MR650H
  - V3307-CR-T
- MR70
  - V3307-CR-T
- MR700H
  - V3307-CR-T
- MR77
  - V3800-CR-TE4
- MR800
  - V3800-CR-TE4
- MR87
  - V3800-CR-TE4
- MR900

	- o V3800-CR-TE4 - MR97 - o V3800-CR-TE4 - SL380H - o V3800-CR-TE4 - SL410H - o V3800-CR-TE4 - SL450H - o V3800-CR-TE4 - SL480H - o V3800-CR-TE4 - SL540H - o V3800-CR-TE4 - SL600H - o V3800-CR-TE4 - SMZ805 - o V3800-CR-TE4 - SMZ875 - o V3800-CR-TE4 - SMZ955 - o V3800-CR-TE4
Compact Track Loader	- SVL 65-2s - o V2607-CR-TE4
Excavators	- KX080-4a - o V3307-CR-T - KX080-4a 2PGL - o V3307-CR-T
Skid Steer Loaders	- SSV75 - o V3307-CR-T

LeeBoy

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LeeBoy Off-Highway equipment types and models:

Equipment Type	Supported On
Pavers	8520 - V3800-CR-TE4-TI 8520B - V3800-CR-TE4-TI 8530 - V3800-CR-TE4-TI 8616C - V3800-CR-TE4-TI 8616D - V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

MEC

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MEC Off-Highway equipment types and models:

Equipment Type	Supported On
Aerial Lifts	- Titan 40-S Telescopic Diesel - V3800-CR-TE4 - Titan 60-S Telescopic Diesel - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Mitsubishi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MEC Off-Highway equipment types and models:

Equipment Type	Supported On
AG Tractors	- GV1000

Equipment Type	Supported On

	o V3800-CR-TE4
	• GV60
	   o V3307-CR-T
	• GV65
	   o V3307-CR-T
	• GV70
	   o V3307-CR-T
	• GV77
	   o V3800-CR-TE4
	• GV800
	   o V3800-CR-TE4
	• GV87
	   o V3800-CR-TE4
	• GV900
	   o V3800-CR-TE4
	• GV97
	   o V3800-CR-TE4
	• GVK1000
	   o V3800-CR-TE4
	• GVK60
	   o V3307-CR-T
	• GVK65
	   o V3307-CR-T
	• GVK70
	   o V3307-CR-T
	• GVK77
	   o V3800-CR-TE4
	• GVK800
	   o V3800-CR-TE4
	• GVK87
	   o V3800-CR-TE4
	• GVK900
	   o V3800-CR-TE4
	• GVK97
	   o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Morooka

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Morooka Off-Highway equipment types and models:

Equipment Type	Supported On
Forestry Equipment	• MST-700VDL o V3800-CR-TE4-TI
Specialty Vehicles and Carts	• MST-700VD 3.5 o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Pasquali

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pasquali Off-Highway equipment types and models:

Equipment Type	Supported On
AG Tractors	• Orion Sky Jump K105 Dualsteer o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Red Rhino

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Red Rhino Off-Highway equipment types and models:

Equipment Type	Supported On
Crushing and Processing Equipment	• 7000+ Series o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

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Sakai

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sakai Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- GW754 Vibratory Tire Roller - V3800-CR-TE4-TI - R2-4 - V3307-CR-T - R2H-4 Static 3-Wheel 83" Roller - V3307-CR-T - SV204 Series (TB/TF/T/D) - V3307-CR-T - SW654 - V3307-CR-T - SW654 & SW654ND Asphalt Roller - V3307-CR-T - SW654B - V3307-CR-T - SW654ND - V3307-CR-T - SW774 & SW774ND Asphalt Roller - V3800-CR-TE4-TI - TZ704 - V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Sherman & Reilly

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sherman & Reilly Off-Highway equipment types and models:

Equipment Type	Supported On
Other Construction Equipment	- PLW-400X Plot Line Winder - V3307-CR-T-E4B

NOTE: Kubota 4-Pin Off-Highway cable is required.

Snorkel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Snorkel Off-Highway equipment types and models:

Equipment Type	Supported On
Aerial Lifts	- 2100SJ - V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Sweeprite - Merit

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sweeprite - Merit Off-Highway equipment types and models:

Equipment Type	Supported On
Scrubbers and Sweepers	- S3 Street Sweeper - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Takeuchi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Takeuchi Off-Highway equipment types and models:

Equipment Type	Supported On

Skid Steer Loaders	- TL10V-2
	  - V3307-CR-T
	- TL8R-2
	  - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

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TSE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TSE Off-Highway equipment types and models:

Equipment Type	Supported On

Other Construction Equipment	- UP85BDT
	  o V3307-CR-T-E4B
	- UP85BDTA (Badger)
	  o V3307-CR-T-E4B

NOTE: Kubota 4-Pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vermeer Off-Highway equipment types and models:

Equipment Type	Supported On

Other Construction Equipment	- Mega 2000 (VX100)
	  o V3800-CR-TE4
	- Mega 2600 (VX100)
	  o V3800-CR-TE4
	- VSK100XT-500 Air
	  o V3800-CR-TE4
	- VXK100XT-500 Air
	  o V3800-CR-TE4
	- VX100XT-800 Air
	  o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Wacker

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wacker Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- RC50 & RC50P

Equipment Type	Supported On
	o V3307-CR-T • RC70 & RC70P o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Yale

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Yale Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	• GP080-120VX (Turbo & DOC) o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Off-Highway Support for Volvo CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Volvo CE Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• A Series (XY D)
	  o D9
	• A Series (XY E)
	  o D9B
	• A Series (XY F)
	  o D11H
	• A Series (XY G)
	  o D11M
	• A Series (XY H)
	  o D16J

Asphalt Pavers	• ABG Series (XY B)
	  o D6J
	• P Series (XY B)
	  o D6J & D7E

Equipment Type	Supported On
	• P Series (XY C) o D6E • P Series (XY D) o D8J
Backhoe Loader	• BL Series (XY B) o D5D • BL Series (XY) o D5D
Excavator	• EC Series (XY C) o D12D, D6E & D7E • EC Series (XY D) o D13H • EC Series (XY E) o D13J & D16J • EW Series (XY B) o D6D • EW Series (XY C) o D6E • EW Series (XY C) COMPACT o D6E • EW Series (XY D) o D6H • EW Series (XY E) o D6J • FB Series (XY C) o D9 • FC Series (XY C) o D6E & D7E
Grader	• G Series (XY B) o D7D • G Series (XY C) o D8J • G Series (XY) o D7E
Pipe Layer	• PL Series (XY D) o D8H

Equipment Type	Supported On

	• PL Series (XY E)
	    ○ D8J
	• PL Series (XY)
	    ○ D12D

Wheel Loader	• L Series (XY F)
	    ○ D6E
	• L Series (XY F) COMPACT
	    ○ D6E
	• L Series (XY G)
	    ○ D6H
	• L Series (XY GZ)
	    ○ D6E
	• L Series (XY H)
	    ○ D13E
	• L Series (XY H) COMPACT
	    ○ D13E

NOTE: Volvo CE 8-pin and 14-pin Off-Highway cables are required.

General Features

- Icons for Fault Guidance and Clear Faults have been updated to prevent confusion.

PRODUCT OPTIONS

JPRO® Professional Diagnostic Software

Includes the following features:

- ✓ JPRO® Heavy-Duty Features
- ✓ JPRO® Off-Highway Features
- ✓ JPRO® Medium-Duty Features

- ✓ General Features List

  - o Education and Troubleshooting Features
  - o Reporting Features
  - o Integration Features
  - o Configuration Features
  - o Product Support Features

- ✓ All Makes, All Models Coverage:

Engines	Transmissions	Braking Systems	Body & Chassis
✓ Agility (Fuel System)	✓ Detroit Diesel	✓ Bendix	✓ Alexander Dennis
✓ Bobcat Off-Highway	✓ Eaton	✓ Ford	✓ Bluebird
✓ CAT On-Highway	✓ Ford	✓ GM	✓ Dana
✓ CAT Off-Highway	✓ GM	✓ Haldex	✓ Detroit Assurance
✓ ClearFlame	✓ Mack	✓ Sprinter	✓ Ford
✓ Cummins	✓ Sprinter	✓ Wabash	✓ Freightliner
✓ Detroit Diesel	✓ Volvo	✓ Wabco	✓ Fuso
✓ Deutz	✓ ZF Meritor		✓ GM
✓ EControls			✓ International
✓ Ford			✓ Kenworth
✓ GM			✓ Mack
✓ Hino			✓ Peterbilt
✓ International			✓ Prevost
✓ Isuzu			✓ Sterling
✓ John Deere Off-Highway			✓ Sprinter
✓ Komatsu Off-Highway			✓ Thomas Built
✓ Kubota Off-Highway			✓ Volvo
✓ Mack			✓ Van Hool
✓ Mercedes-Benz			✓ Western Star
✓ PACCAR			
✓ Sprinter			
✓ Volvo			

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

JPRO® Professional Diagnostic Software with NextStep® Repair

Includes all features in JPRO® Professional Diagnostics Software.

Also, includes the following features:

- Integrates with Fault Guidance to provide troubleshooting guidance.
  - View troubleshooting information, wiring diagrams and step-by-step troubleshooting procedures for a fault with one click in JPRO® Commercial Vehicle Diagnostics.
  - Interactive Wiring Diagrams make it easier to trace electrical connections.
  - Enhanced integration features from the troubleshooting repair view:
    - View fault related data while simultaneously viewing repair procedures.
    - Clear faults to verify the repair without leaving the Fault Guidance screen.

      NOTE: Access to this can be removed. Contact Noregon support for more information.

    - Access Bi-Directional functionality directly from the troubleshooting repair view.
  - Works on vehicle without requiring a VIN.
  - The following are currently supported:
    - Heavy-Duty engines and aftertreatment systems
    - All Bendix components
    - Wabco components
    - Eaton transmissions
    - Ford and GM medium-duty engine and aftertreatment faults
  - Regular content updates to add more fault and component coverage.
- Automatically link to Maintenance and Service Data sheets for Wabco, Bendix, and Haldex brakes as well as Eaton transmissions.

JPRO® Professional Diagnostic Software for AU

Includes the following features:

- JPRO® Heavy-Duty Features
- JPRO® Off-Highway Features
- JPRO® Medium-Duty Features

- General Features List

  o Education and Troubleshooting Features
  o Reporting Features
  o Integration Features
  o Configuration Features
  o Product Support Features

- Coverage Support includes:

Engines	Transmissions	Braking Systems	Body & Chassis
✓ Bobcat Off-Highway	✓ Detroit Diesel	✓ Bendix	✓ Bluebird
✓ CAT On-Highway	✓ Eaton	✓ Haldex	✓ Dana
✓ CAT Off-Highway	✓ Sprinter	✓ Sprinter	✓ Freightliner
✓ ClearFlame	✓ ZF Meritor	✓ Wabash	✓ International
✓ Cummins		✓ Wabco	✓ Kenworth
✓ Detroit Diesel			✓ Peterbilt
✓ Deutz			✓ Sprinter
✓ EControls			✓ Sterling
✓ Hino			✓ Thomas Built
✓ International			✓ Western Star
✓ Isuzu			
✓ John Deere Off-Highway			
✓ Komatsu Off-highway			
✓ Kubota Off-Highway			
✓ Mercedes-Benz			
✓ PACCAR			
✓ Sprinter			

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

NOTE: Bi-Directional tests are not supported in Australia.

NOTE: Mack and Volvo, Ford, and GM are not supported in Australia.

JPRO® HEAVY-DUTY FEATURES

- Heavy-Duty supports all standard Heavy-Duty vehicles. VIN is not required for vehicle connections.

- Supports the heavy-duty SAE J1587/J1708, J1939, ISO 15765 and KWP2000 messages.

- Supports trailer diagnostics using:

- PLC 7-way connector combined with a Noregon Trailer Diagnostic adapter or the Noregon DLA+ PLC.

- Universal J560 PLC Adapter combined with a Noregon DLA+ 3.0, DLA+ 2.0, DLA+, DLA+ 3.0 Wireless, DLA+ 2.0 Wireless, DLA+ Wireless, or DLA+ PLC adapter.

- 4-pin to 9-pin extended diagnostic cable adapter combined with a Noregon DLA+ 3.0, DLA+ 2.0, DLA+, DLA+ 3.0 Wireless, DLA+ 2.0 Wireless, or DLA+ Wireless adapter.

- Trailers equipped with 9-Pin SAE J1939 connector using a Noregon DLA+ 3.0, DLA+ 2.0, DLA+, DLA+ 3.0 Wireless, DLA+ 2.0 Wireless, DLA+ Wireless, or DLA+ PLC adapter.

- Supports reading and display of HD-OBD Emissions faults in standard fault display.

- Supports reading freeze frame data for 1939 faults that have that data available.

- Clear indication of overall vehicle health considering:

  - ✓ No 1939 Data (on 2009 or newer vehicles)
  - ✓ Cannot Detect Engine
  - ✓ Excessive CAN Error Frames
  - ✓ Active Faults Present
  - ✓ DPF Regen Inhibited
  - ✓ DPF Regen Needed
  - ✓ Consumable Fluid(s) Low
  - ✓ Battery Voltage Low
  - ✓ Cannot Detect ABS (on 2001 or newer vehicles)

- JPRO® Road Worthiness assesses a vehicle's safety and compliance for over-the-road operation by checking:

  - ✓ Clean Truck Check – Emission Test Pre-scan
    - ▪ Indicates if the vehicle is ready to submit a scan using Truck Check Up for California Air Resources Board's (CARB) emissions compliance.

    NOTE: CTC – Emission Test Prescan cannot guarantee CARB compliance.

    NOTE: CTC Prescan does not currently support Mack or Volvo vehicles.

  - ✓ No ABS faults reported, or lamps illuminated

- ✓ Max Road Speed < 80 mph
- ✓ DPF Pressure is reported

- Clean Truck Check Data Items group for Data Monitor displays J1939 emissions compliance data to assist with troubleshooting before scanning using Truck Check Up.

- Display of data related to reported faults in Data Monitor.

- Graphically displays data using thermometers, gauges, etc. on the Data Monitor.

- Pre-defined Data Groups in Data Monitor enables troubleshooting electrical problems and common performance complaints.

- Ability to define custom groups of related data parameters to display in Data Monitor.

- Subsystems Diagnostics menu provides the ability to view the following subsystems with related data:
  - ✓ Aftertreatment Diagnostics
  - ✓ Coolant System
  - ✓ Fuel System
  - ✓ Oil System
  - ✓ ADAS

- Coolant System displays data from related components to assist in troubleshooting coolant system issues.

NOTE: Coolant System display for CAT components not currently available.

- Fuel System displays data from related components to assist in troubleshooting fuel system issues.

NOTE: Fuel System display for Mack and Volvo components not currently available.

- Ability to launch Cylinder Cut-Out directly from Fuel System screen.

- Oil System displays data from related components to assist in troubleshooting oil system issues.

- ADAS displays faults and data from related components to assist in troubleshooting Advanced Driver Assistance System issues.

- Aftertreatment Diagnostics displays data from aftertreatment related components, including Soot Level, current Regen Zone Information, and EGR data for rapid troubleshooting of the aftertreatment system.
  - o Ability to view the following subsystems with related data:
    - ✓ DEF Tank and Pump
    - ✓ DPF and DOC
    - ✓ Engine, EGR, and Turbocharger
    - ✓ SCR

- Clicking the Bi-Directional button on any of the Aftertreatment Diagnostics subsystem screens displays tests supporting the related subsystem components.

- Search the Data tab to quickly identify parameters of interest.

- Emissions Assistance from the Aftertreatment screen to aid in troubleshooting emissions problems.

- Regen Zone Information window helps technicians better understand DPF systems on today's diesel trucks. The Regen Zone window educates users on the meaning behind each Regen Zone.

  - Showing how each zone relates to DPF soot loading and engine derate.
  - When performing a parked regeneration is most beneficial or required.

- Ability to launch Maximum Road Speed, Cruise Speed, and Idle Shutdown parameter adjustments directly from the Vehicle Key Data Points display if available.

- Ability to launch PTO parameter adjustments directly from the Vehicle Key Data Points display if available.

- Consumable Fluid screen to monitor fluids used by vehicle and inform user of low levels.

- Displays the trailer lamp status on tractor brake key data point's window.

- Wheel Speed Window Test and Wheel Speed Chart Test used to verify and test wheel speed sensors on all tractor and trailer braking systems.

- The Wiggle Test / Performance Issue Monitor bi-directional test assists in diagnosing loose electrical connections, intermittent faults, and performance complaints by alerting users to changes in monitored data.

Engine Support

Heavy-Duty Support for Caterpillar (On-Highway)

- Support reading proprietary diagnostic fault codes and event codes for all Caterpillar engines.
- Supports proprietary sensor data for all Caterpillar engines.
- Bi-Directional support for Caterpillar engines:

Bi-Directional Test or Calibration	Supported On
Cruise Control Speed Limits ✓ Low Cruise Control Speed Limit ✓ High Cruise Control Speed Limit	• 3126, C12, and C18 engines • C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C9, C13, C15, and C18 ACERT engines • EPA 07: C7, C13, and C15 ACERT engines • C-7 Truck engines
Cylinder Cut-Out Test	• 3126, C12, and C18 engines • C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C9, C13, C15, and C18 ACERT engines • EPA 07: C7, C13, and C15 ACERT engines • 3126B Truck, 3126E Truck, and C-7 Truck engines
Idle Shutdown ✓ Idle Shutdown Time ✓ Idle Shutdown Override	• 3126, C12, and C18 engines • C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C9, C13, C15, and C18 ACERT engines • EPA 07: C7, C13, and C15 ACERT engines • 3126B Truck, 3126E Truck, and C-7 Truck engines
Injection Actuator Pressure Test	• 3126 engines • EPA 04: C7 and C9 ACERT engines • 3126B Truck, 3126E Truck, and C-7 Truck engines

Bi-Directional Test or Calibration	Supported On
Injector Solenoid Test	• 3126, C12, and C18 engines • C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C9, C13, C15, and C18 ACERT engines • EPA 07: C7, C13, and C15 ACERT engines • 3126B Truck, 3126E Truck, and C-7 Truck engines
Injector Trim Calibration	• C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C9, C13, and C15 ACERT engines
Intake Valve Actuator Test	• EPA 04: C13 and C15 ACERT engines • EPA 07: C13 and C15 ACERT engines
Intake Valve Actuator Solenoid Test	• EPA 04: C13 and C15 ACERT engines • EPA 07: C13 and C15 ACERT engines
Maximum Vehicle Speed Limit ✓ Vehicle Speed Limit	• 3126, C12, and C18 engines • C-15 pre-ACERT engines (before 2004) • EPA 04: C7, C13, and C15 ACERT engines • EPA 07: C7, C13, and C15 ACERT engines • 3126B Truck, 3126E Truck, and C-7 Truck engines
Parked DPF Service Regeneration	• EPA 07: C7, C13, and C15 ACERT engines • C-7 Truck engines
Reset Fast Adaptive Shifts	• C-7 Truck engines
Wheel Speed Chart Test	• C-7 Truck engines
Wiggle Test/Performance Issue Monitoring	• C-7 Truck engines

Heavy-Duty Support for ClearFlame

• Supports faults and sensor data for ClearFlame engines.

Heavy-Duty Support for Cummins

• Supports reading Cummins Proprietary Fault Codes on all EPA 07 and newer Cummins engines.

- Supports proprietary sensor data on all EPA 07 and newer Cummins engines.
- Supports 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:

Bi-Directional Test or Calibration	Supported On
ABS Self-Config Test	• EPA 07/10/13: 6.7L ISB
Aftertreatment History	• EPA 10: all ISB, ISC, ISL, ISX • EPA 13: all ISB, ISL, ISX • GHG17: all B6.7, L9, X15 • GHG21: all B6.7, L9, X15 • EPA 07/10/13: 6.7L ISB
Aftertreatment Injector Flow Test	• EPA 07: all ISX (15L) • EPA 10: all ISX (12 & 15L) • EPA 13: all ISX (12 & 15L)
Aftertreatment Injector Leak Test	• EPA 07: all ISX (15L) • EPA 10: all ISX (12 & 15L) • EPA 13: all ISX (12 & 15L)
Aftertreatment Injector Shutoff Valve Test	• EPA 07: all ISX (15L) • EPA 10: all ISX (12 & 15L) • EPA 13: all ISX (12 & 15L)
Aftertreatment Maintenance 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, PX-7, and PX-9 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB • EPA 07/10/13: B6.7

Bi-Directional Test or Calibration	Supported On
Cylinder Cut-Out	• EPA 02: ISB(3.9L) • 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB • EPA 07/10/13: 5.9L ISB
Cylinder Misfire Monitor Test	• CNG: All ISX 12G and ISX12N
DEF Doser Pump Override Test	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
DEF System Heater Test	• 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, X12, X15, PX-7, and PX-9 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
DEF System Leak Test	• 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, X12, X15 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB

Bi-Directional Test or Calibration	Supported On
DPF Service Regen	• 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, X12, X15, PX-7, and PX-9 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB • EPA 07/10/13: 8.3L ISC • EPA 07/10/13: B6.7

Engine Protection Parameters
  ✓ Limited Restart
  ✓ Shutdown
  ✓ Shutdown Manual Override
NOTE: Access to this can be removed. Contact Noregon support for more information.
	• 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
	• GHG21: all B6.7, L9, X15, PX-7, and PX-9
	• EPA 07/10/13: 6.7L ISB
	• EPA 07/10/13: 8.3L ISC

Fan Override Test	• EPA 10: all ISB, ISC, ISL, ISX • EPA 13: all ISB, ISL, ISX • GHG17: all B6.7, L9, X15 • GHG21: all B6.7, L9, X15
Fuel Injector Calibration	• 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 Performance Test	• EPA 10: all ISX (12 & 15L) • EPA 13: all ISX (12 & 15L) • GHG17: all L9, X12, and X15 • GHG21: all B6.7, L9, X15, PX-7, and PX-9

Bi-Directional Test or Calibration	Supported On
Fuel Injector Reset	• EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 • GHG17: all B6.7, L9, X15, PX-7, and PX-9 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
Fuel Leakage Test	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 with Common Rail Fuel Systems • EPA 07/10/13: 6.7L ISB
Fuel System Table Reset	• CNG: All ISX 12G and ISX12N

Idle Shutdown
  ✓ Idle Shutdown Status
  ✓ Idle Shutdown Time
	• 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
	• GHG21: all B6.7, L9, X15, PX-7, and PX-9
	• EPA 07/10/13: 6.7L ISB

J1939 Datalink Control Test	• EPA 07: all ISC, ISL, ISX (12L and 15L), PX-6, and PX-8 • EPA 10: all ISB, ISC, ISL, ISX • EPA 13: all ISB, ISL, ISX • GHG17: all B6.7, L9, X15 • GHG21: all B6.7, L9, X15 • EPA 07/10/13: 6.7L ISB

Bi-Directional Test or Calibration	Supported On
Maintenance Monitor Parameters	• EPA 10: all ISB, ISC, ISL, ISX • EPA 13: all ISB, ISL, ISX • GHG17: all B6.7, L9, X15 • CNG: All ISL, ISX, ISB • EPA 07/10/13: 6.7L ISB
Memorized Components Reset	• EPA 07/10/13: 6.7L ISB

PTO Parameters
PTO:
  ✓ Enable/Disable
  ✓ Additional Switch Pedal
  ✓ Maximum Engine Load
  ✓ Maximum Speed
  ✓ Minimum Speed
  ✓ Maximum Vehicle Speed
  ✓ Ramp Rate
  ✓ Resume Switch Speed
  ✓ Set Switch Speed
Accelerator Pedal or Lever Override:
  ✓ Enable/Disable
  ✓ Maximum Engine Speed
 	
NOTE: *Access to this can be removed. Contact Noregon support for more information.*
	• 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
	
	• GHG21: all B6.7, L9, X15, PX-7, and PX-9
	
	• EPA 07/10/13: 6.7L ISB

Bi-Directional Test or Calibration	Supported On

Road & Cruise Speed Limits
Road Speed Governor:
  ✓ Maximum Vehicle Speed
 	
  ✓ Maximum Accelerator Vehicle Speed (Road Speed Limit)
 	
  ✓ Lower Droop
 	
  ✓ Upper Droop
 	
Cruise Control:
  ✓ Maximum Cruise Control Speed
 	
Gear Down Protection:
  ✓ Enable/Disable
 	
  ✓ Gear Down Maximum Vehicle Speed (Heavy Engine Load)
 	
  ✓ Gear Down Maximum Vehicle Speed (Light Engine Load)
 	
NOTE: *Access to this can be removed. Contact Noregon support for more information.*
	• 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
	• GHG21: all B6.7, L9, X15, PX-7, and PX-9
	• EPA 07/10/13: 6.7L ISB

Reset ECU Test	• EPA 07/10/13: 6.7L ISB
Reset Fast Adaptive Shifts	• EPA 07/10/13: 6.7L ISB
Reset Filter Life	• EPA 07/10/13: 6.7L ISB
Reset Oil Life	• EPA 07/10/13: 6.7L ISB
SCR Performance and System Test	• EPA 13: all ISB, ISL, ISX, PX-7, and PX-9 • GHG17: all B6.7, L9, X12, X15, PX-7, and PX-9 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
Transmission Fault Lamp Test	• EPA 07/10/13: 6.7L ISB

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Bi-Directional Test or Calibration	Supported On
Trip Information Parameters ✓ Vehicle Overspeed 1 ✓ Vehicle Overspeed 2 **NOTE:** *Access to this can be removed. Contact Noregon support for more information.*	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
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, PX-7, and PX-9 • CNG: All ISX 12G and ISX12N • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
VGT Electronic Actuator Installation and Calibration	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
VGT Hysteresis Test	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 with Common Rail Fuel Systems • EPA 07/10/13: 6.7L ISB

Bi-Directional Test or Calibration	Supported On
VSS Parameters *Vehicle Speed Sensor Anti-Tampering Sensitivity:* ✓ Tampering Sensitivity Level *Vehicle Speed Source:* ✓ Maximum Engine Speed Without Vehicle Source ✓ Number of Transmission Tailshaft Gear Teeth ✓ Rear Axle Ratio ✓ Vehicle Speed Sensor Type **NOTE:** *Access to this can be removed. Contact Noregon support for more information.*	• 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 • GHG21: all B6.7, L9, X15, PX-7, and PX-9 • EPA 07/10/13: 6.7L ISB
Wheel Speed Chart Test	• EPA 07/10/13: 6.7L ISB
Wiggle Test / Performance Issue Monitoring	• EPA 07/10/13: 6.7L ISB • EPA 07/10/13: 5.9L ISB

NOTE: PX engines are PACCAR branded.

Heavy-Duty Support for Detroit Diesel

- Supports proprietary sensor data on all 2000 model year and newer Detroit Diesel engines with *Supported ECU Software Versions (click the link to see supported software versions):*
  - DD5, DD8, DD13, DD15, DD16, Series 50, Series 55, and Series 60

NOTE: JPRO must connect and identify the correct Detroit Diesel engine module software versions (CPC, MCM, and/or ACM) to enable bi-directional support. The following features are only available for *Supported ECU Software Versions*.

NOTE: To see Software Version, select the engine and look in the bottom left of JPRO.

- Bi-Directional support for Detroit Diesel engines:

Bi-Directional Test or Calibration	Supported On

Cruise Speed Limits
   ✓ Max Cruise Set Speed
   ✓ Min Cruise Set Speed
***NOTE:** Access to this can be removed. Contact Noregon support for more information.*
	• CPC02T
	• CPC04T
	• CPC302T
	• CPC501T

Cylinder Cut-Out	• Any supported CPC with MCM02T or MCM21T
DEF Coolant Valve Control Test	• Any supported CPC with ACM02T and MCM02T • Any supported CPC with MCM21T and with ACM21T or ACM301T
DEF Quantity Test	• Any supported CPC with ACM02T, ACM21T, or ACM301T
DOC Face Plug Cleaning	• CPC02T with MCM02T • CPC04T with MCM02T or MCM21T
DPF Ash Accumulator Reset	• CPC02T with ACM02T • CPC04T with ACM21T • CPC302T with ACM21T or ACM301T and with MCM21T • CPC501T with MCM21T and with ACM21T or ACM301T
DPF Service Regen	• CPC02T • CPC04T • CPC302T • CPC501T with ACM02T, ACM21T, or ACM301T
EGR Actuator Slow Learn	• DD13 any supported CPC with MCM02T • DD15 or DD16 any supported CPC with MCM21T
EGR Delta Pressure Sensor Recalibration	• DD13 any supported CPC with MCM02T • DD15 or DD16 any supported CPC with MCM21T
Fuel System Integrity Check Automatic	• CPC501T with ACM301T and MCM21T
Fuel System Integrity Check Leak	• CPC501T with ACM301T and MCM21T
Fuel System Integrity Check Manual	• CPC501T with ACM301T and MCM21T

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Bi-Directional Test or Calibration	Supported On
Hydrocarbon Doser Purge	• Any supported CPC with MCM02T or MCM21T

Idle Shutdown
  ✓ Idle Shutdown Status
  ✓ Idle Shutdown Time
	• CPC02T
	• CPC04T
	• CPC302T
	• CPC501T

Intake Throttle Valve Test	• Any supported CPC with MCM02T
Injector Codes	• CPC501T with MCM21T
Metering Unit Flood Routine	• Any supported CPC with MCM02T
Parked SCR Efficiency Test	• CPC02T with ACM02T • CPC04T with ACM02T or ACM21T • CPC302T with ACM21T or ACM301T • CPC501T with ACM21T or ACM301T
Performance Check Low Temp ATD	• CPC02T with MCM02T • CPC04T with ACM02T or ACM21T • CPC302T with ACM21T

PTO Parameters
  • General PTO
  • Cab PTO
  • Remote PTO
  • Inputs
For the full list of supported parameters, see all 23 PTO Parameters
NOTE: *Access to this can be removed. Contact Noregon support for more information.*
	• CPC02T
	• CPC04T
	• CPC501T

Request Driving Regen Test	• CPC501T with ACM301T and MCM21T
Road Speed Limits ✓ Maximum Road Speed Limit **NOTE:** *Access to this can be removed. Contact Noregon support for more information.*	• CPC02T • CPC04T • CPC302T • CPC501T
SCR Air Pressure System Check	• Any supported CPC with ACM02T
SCR Airless Doser System (ADS) Self Check	• Any supported CPC with ACM02T or ACM21T

Bi-Directional Test or Calibration	Supported On
SCR Output Component Test	• Any supported CPC with ACM02T and MCM02T or MCM21T • Any supported CPC with ACM21T and MCM02T or MCM21T
SCR Replacement Test	• Any supported CPC with ACM301T
Soot Sensor	• Any supported CPC with ACM301T and MCM21T

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)*
NOTE: *Access to this can be removed. Contact Noregon support for more information.*
	• CPC02T
	• CPC04T
	• CPC501T

Supported ECU Software Versions:

CPC Family ECUs				ACM Family ECUs			MCM Family ECUs	
CPC02T	CPC04T	CPC302T	CPC501T	ACM02T	ACM21T	ACM301T	MCM02T	MCM21T
App_010C	App_040A	App_2104	App_3105	acm_0x01EE	acm_0x023E	acm_0x0354	mcm_0x047B	mcm_0x06B2
App_010D	App_040B	App_2105	App_3106	acm_0x01EF	acm_0x024E	acm_0x0359	mcm_0x047C	mcm_0x06B9
App_010E	App_040D	App_2107	App_3107	acm_0x01F0	acm_0x0211	acm_0x035C	mcm_0x047D	mcm_0x06C1
	App_040E	App_2108	App_3108	acm_0x01F3	acm_0x0213		mcm_0x047E	mcm_0x06DB
	App_0406	App_2109	App_3109		acm_0x0221		mcm_0x0477	mcm_0x06DE
	App_0407				acm_0x0232			mcm_0x06ED
	App_0408				acm_0x0236			mcm_0x06EF
	App_0409				acm_0x0250			mcm_0x06F2
	App_0410							mcm_0x06F6
	App_0411							mcm_0x2A1B
	App_0412							mcm_0x2A13

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App_0413							
App_0414							

PTO Parameters

General PTO:

- ✓ Config PTO Speed Control
- ✓ PTO Remote Throttle 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

Cab PTO:

- ✓ Min PTO Spd Set Coast Sw
- ✓ Max PTO Spd Resume Accel Sw
- ✓ Set Coast Switch PTO Speed
- ✓ Resume Accel Switch PTO Speed

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

Inputs:

- ✓ 2 08 DI Selection
- ✓ 2 09 DI Sw Config *(EPA 10 only)*
- ✓ 2 09 DI Selection *(EPA 13 only)*
- ✓ Remote Accelerator Enable

Heavy-Duty Support for EControls

- Supports reading SAE faults and data on EControls engines:
  - o EControls ECM on Tug 660, Tug M1A, Tug MA
  - o EControls ECM 4G on Tug 660, Tug Alpha, Tug M1A, Tug MA

NOTE: EControls 8-pin Off-Highway cables are required.

Heavy-Duty Support for International

- Supports proprietary sensor data on all EPA 07 and newer International engines.

- Bi-Directional support for International engines:

Bi-Directional Test or Calibration	Supported On
Actuator Test	- Aftertreatment (AFT) Fuel Shutoff Valve - EPA 10 Maxxforce 11, and 13 engines - A26 GHG17 engines - Aftertreatment (AFT) Fuel Doser - EPA 10 Maxxforce 11, and 13 engines - Aftertreatment (AFT) Purge Air Actuator - A26 GHG17 engines - Diesel Exhaust Fluid (DEF) Line Heaters - A26 GHG17 engines - Diesel Exhaust Fluid (DEF)Tank Valve Heater - A26 GHG17 engines - Engine Fuel Actuator Control 1 (Pump) - A26 GHG17 engines - Engine Fuel Actuator Control 2 (Rail) - A26 GHG17 engines - Engine Throttle Valve Position - EPA 10 Maxxforce 11, and 13 engines 2013 N13 and A26 GHG17 engines

Bi-Directional Test or Calibration	Supported On
	- Exhaust Gas Recirculation (EGR) Valve Position - EPA 10 Maxxforce 11, and 13 engines 2013 N13 and A26 GHG17 engines - Exhaust Back Pressure Valve - EPA 10 Maxxforce 11, and 13 engines 2013 N13 engines - Fuel Ignitor - A26 GHG17 engines - Fuel Solenoid - A26 GHG17 engines - Variable Geometry Turbocharger (VGT) - A26 GHG17 engines
Aftertreatment Fuel Enable Actuator Leak Test	A26 GHG17 engines
Aftertreatment Hydrocarbon Doser Leak Test	A26 GHG17 engines
Aftertreatment Hydrocarbon Dosing System Test	A26 GHG17 engines
Aftertreatment Reset	EPA 07 and EPA 10 Maxxforce 11 and 13 engines

Bi-Directional Test or Calibration	Supported On
Auxiliary Engine Speed Control (PTO) Parameters • General parameters • Enable/Disable parameters • Preset parameters • Advanced Configuration parameters • Configuration parameters *For the full list of supported parameters, see all 59 Auxiliary Engine Speed Control (PTO) Parameters* **NOTE:** *Access to this can be removed. Contact Noregon support for more information*	• 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 GHG17 engines
CDPF Reset	• EPA 10 Maxxforce DT, 9 and 10 engines
Cylinder Cut-Out	• 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, and A26 GHG17 engines
DEF Doser Pump Override Test	• N9, N10, 2013 N13, and 2015 N13 engines
DOC/DPF Replacement Reset	• N9, N10, 2013 N13, 2015 N13, and A26 GHG17 engines
DPF Service Regen	• 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 GHG17 engines
Forced Active Regen	• A26 GHG17 engines
Fuel Pressure Adaptation Reset	• EPA 07 Maxxforce 7 engines • EPA 13 Maxxforce 7 engines

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Bi-Directional Test or Calibration	Supported On

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 Maxxforce 7, DT, 9, and 10 engines
	• EPA 10 Maxxforce DT, 9, 10, 11, 13 and 15 engines
	• EPA 13 Maxxforce 7, 9, DT, 10, 11, and 13 engines
	• N9, N10, N13, and A26 GHG17 engines

KOEO Injector Test	• EPA 07 Maxxforce 7, DT, 9, and 10 engines • EPA 10 Maxxforce DT, 9, and 10 engines • N9 and N10 engines
KOEO Standard Test	• 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, 2015 N13, and A26 GHG17 engines
KOER Standard Test	• EPA 07 to EPA 13 Maxxforce 7, 9 and 10 engines • N9 and N10 engines

Bi-Directional Test or Calibration	Supported On

Road & Cruise Speeds
   ✓ 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 Mode
   NOTE: Access to this can be removed. Contact Noregon support for more information.
	• EPA 07 Maxxforce 7, DT, 9, and 10 engines
	• EPA 10 Maxxforce DT, 9, 10, 11, 13 and 15 engines
	• EPA 13 Maxxforce 7, 9, DT, 10, 11, and 13 engines
	• N9, N10, N13, and A26 GHG17 engines

SCR Faults Reset	• N9, N10, 2013 N13 2015 N13, and A26 GHG17 engines

VSS Parameters
   ✓ Vehicle Speed Anti-Tampering Enabled
   ✓ Tire Revs Per Mile
   ✓ Rear Axle Ratio Low
   ✓ Rear Axle Ration 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.
	• 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 GHG17 engines
	NOTE: The exact VSS Parameters available vary based on engine type.

Auxiliary Engine Speed Control (PTO) Parameters

NOTE: The exact AESC Parameters available vary based on engine type.

General PTO:

- AESC – Mode
- AESC – Maximum Vehicle Speed
- AESC – In Cab Mode Preset
- AESC – In Cab Operator Interface
- AESC – Ramp Rate
- AESC – Maximum Engine Speed
- AESC – Engine Speed Limit With VSS Fault
- AESC – Vehicle Speed
- AESC – Maximum Engine Load
- AESC – Minimum Engine Speed
- AESC – Maximum Engine Load Time

Enable/Disable:

- AESC – Remote Pedal Enable
- AESC – Disable With Clutch
- AESC – Disable With Brake
- AESC – Disable With APS
- AESC – Disable ATC With Service Brake
- AESC – Disable AESC With Parking Brake Released
- AESC – Disable AESC With Driveline Status
- AESC – Disable AESC With In-Cab Controls
- AESC – Disable AESC With Vehicle Speed
- AESC – SPDT Enable
- AESC – Disable RP With Service Brake
- AESC – Disable RP With Parking Brake Released
- AESC – Disable RP With Driveline Status
- AESC – Disable RP With In-Cab Controls
- AESC – Disable RP With Vehicle Speed
- AESC – Disable with Parking Brake

Preset:

- AESC – Preset Engine Speed 1 (Set)
- AESC – Preset Engine Speed 2 (Resume)
- AESC – Preset Engine Speed 3
- AESC – Preset Engine Speed 4
- AESC – Preset Engine Speed 5
- AESC – Preset Engine Speed 6
- AESC – Engine Speed Throttle Down Ramp Rate
- AESC – Bump Up/Down Step
- Remote AESC – Preset Engine Speed Select

Advanced Configuration

- AESC – Return to Zero
- Interrupt DPF Regeneration When AESC Activated
- Load Threshold for Loaded AESC Applications
- Force Fan On With AESC Active
- Master Switch for Setting Source Addresses

Configuration

- ✓ Remote Pedal Mode
- ✓ AESC – Enable RP Overrides
- ✓ AESC – Enable AESC Overrides
- ✓ AESC – Speed Controlled to Engine Load
- ✓ Auxiliary Engine Speed Control Switch Mode
- ✓ Transfer Case Switch Signal Source
- ✓ Vehicle Speed Signal Mode
- ✓ Transfer Case Input Mode Select
- ✓ Remote Accelerator Enable Switch
- ✓ Disable CAP When AESC Is EnabledCruise
- ✓ Control/AESC On/Off Switch Input Selection

- ✓ Cruise Control Set/Coast Switch Input Selection
- ✓ Cruise Control Resume/Accelerate Switch Input Selection
- ✓ Remote Accelerator Switch Input Selection
- ✓ Auxiliary Engine Shutdown Switch Input Selection
- ✓ Remote AESC Programmed Speed Switch Input Selection
- ✓ Remote AESC Variable Speed Switch Input Selection
- ✓ Remote Accelerator Pedal Input Selection

Heavy-Duty Support for Mack and 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.

- Supports proprietary sensor data on all EPA 07 and newer Mack/Volvo engines.

- Supports reading proprietary Nox sensor data on all EPA 13 and newer Mack/Volvo engines.

- Mack and Volvo Specific Reports including:

  - ✓ Trip Report

  - ✓ Life of Vehicle Report

  NOTE: Viewing Trip and Live of Vehicle reports requires
  - DataMax parameter enabled on
    - ✓ Mack EPA07 to EPA10

- **Bi-Directional support for Mack and Volvo engines includes:**

Bi-Directional Test or Calibration	Supported On
Aftertreatment Injector Activation for Flow Test	• EPA 07

Bi-Directional Test or Calibration	Supported On
Cruise Max and Min Speeds ✓ Cruise Max Set Speed ✓ Cruise Min Set Speed ✓ Cruise Control Min Speed to Resume ✓ Road Speed Limit for Cruise Control **NOTE:** *Access to this can be removed. Contact Noregon support for more information.*	• EPA 07 to EPA 10
Cylinder Cut-Out	• EPA 07 to GHG17
DEF Dosing Valve Test	• EPA 10 to GHG17
DEF Pressure System Test	• EPA 10 to GHG17
DPF Service Regen	• EPA 07 to GHG17
DPF System Reset	• EPA 07 to GHG17
EGR Function Test	• EPA 07 to GHG17
Enable or Disable Cruise Control	• EPA 07 to EPA 10
Exit Inducement Test ✓ EPA 10 for SPN 4094 & SPN 52466 ✓ EPA 13 to GHG17 for P208E & P103B	• EPA 10 to GHG17
Fan Activation Test	• EPA 07 to EPA 10
Fuel Shut-off Valve Test	• EPA 07 to EPA 10
Hydrocarbon Dosing Control Valve Test	• EPA 10
Idle Shutdown Time ✓ Idle Shutdown Time	• EPA 07 to EPA 10
Learned Data Reset	• EPA 07 to GHG17
NOx Conversion Monitor Test	• EPA 13 to GHG17
Purge Air Valve Test	• EPA 10

Bi-Directional Test or Calibration	Supported On
Road Speed Limit ✓ Customer Road Speed Limit ✓ Road Speed Limit, Pedal Driving ✓ Road Speed Limit Mandated by Law *NOTE: Access to this can be removed. Contact Noregon support for more information.*	• EPA 07 to EPA 10
SCR Regeneration	• EPA 13 to GHG17
Trip Reset	• Mack EPA 07 to EPA 10 vehicles with the DataMax parameter enabled.
VGT Electronic Actuator Installation and Calibration	• EPA 13 to GHG17
VGT Function Test	• EPA 07 to GHG17
VGT Monitor Test	• EPA 13 to GHG17
Warm Hold Function Test	• EPA 07 to EPA 10

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.

Heavy-Duty Support for Mercedes-Benz

- Supports proprietary sensor data on MBE 900 and 4000 engines.

- Bi-Directional support for Mercedes-Benz engines:

Bi-Directional Test or Calibration	Supported On
Cylinder Cut-Out	• EPA 07 engines
DPF Parked Regeneration	• EPA 07 engines

Heavy-Duty Support for PACCAR

- Supports 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 GHG21 MX engines.

- Supports reading proprietary data on all EPA 10 to GHG21 MX engines.

- Bi-Directional support for PACCAR engines:

Bi-Directional Test	Supported On
Activate Air Shut Off Valve	• GHG17 to GHG21 all MX engines
Activate Fuel Dosing Valve	• GHG17 to GHG21 all MX engines
Automated Cylinder Performance Test	• EPA 10 to EPA 13 all MX engines
Check Internal DEF Pump Module Heater	• EPA 13 all MX engines
Cylinder Cut-Out	• GHG17 to GHG21 all MX engines
Cylinder Compression Test	• GHG17 to GHG21 all MX engines
DEF Doser Pump Test	• EPA 10 to GHG17 all MX engines

DEF Heater Test
    • DEF Inlet Pipe Heater
    • DEF Pipe Heater
    • DEF Pump Heater
    • DEF Return Pipe Heater
    • DEF Tank Heater Valve
	• EPA 10 to GHG21 all MX engines

DPF Service Regen	• EPA 10 to GHG21 all MX engines
Enable Regeneration after Aftertreatment System Repair	• EPA 10 to EPA 13 all MX engines *Contact Noregon support to help verify this test on GHG17 MX engines.*

Evaluate NOx Sensors Test
    • NOx sensor after catalyst
    • NOx sensor before catalyst
	• EPA 13 All MX Engines

Injector Calibration Test	• GHG21 all MX engines • EPA13 all MX engines • GHG17 MX13 engines
Install a New or Cleaned DPF	• EPA 10 to EPA 13 all MX engines

Bi-Directional Test	Supported On
	Contact Noregon support to help verify this test on GHG17 MX engines.
Prime the System with the Pump for DEF	• GHG17 all MX engines
Reset the Soot Level	• EPA 10 to EPA 13 all MX engines *Contact Noregon support to help verify this test on GHG17 MX engines.*
Turbo Actuator Effort Test	• EPA 10 to GHG21 all MX engines

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

Transmission Support

Heavy-Duty Support for Detroit Diesel

- Supports reading SAE faults and proprietary sensor data for:
  - ✓ DT12 TCM01T and TCM05T
- Bi-Directional support for Detroit Diesel transmissions:

Bi-Directional Test or Calibration	Supported On
Clutch Apply Leak Test	• DT12 TCM01T and TCM05T transmissions
Gear Split Range Activation Test	• DT12 TCM01T and TCM05T transmissions
TCM Global Status	• DT12 TCM01T and TCM05T transmissions
TCM Release Lock	• DT12 TCM01T and TCM05T transmissions
Tilt Sensor Calibration	• DT12 TCM01T and TCM05T transmissions
Transmission Learn Procedure Test	• DT12 TCM01T and TCM05T Transmissions

Heavy-Duty Support for Eaton

- Supports reading SAE faults and data for:
  - ✓ Gen I AutoSelect / AutoShift
  - ✓ Gen II AutoShift / UltraShift ASW / UltraShift DM
  - ✓ Lightning
  - ✓ Gen III UltraShift PLUS
  - ✓ Advantage Series

- ✓ Gen III AutoShift / UltraShift Hybrid Electric
- ✓ Procision Series
- ✓ Endurant Series
- ✓ Gen III AutoShift / UltraShift / UltraShift PLUS
- ✓ VORAD 300
- ✓ VORAD 400 FLR
- ✓ Hybrid Drive System Controller

Heavy-Duty Support for Mack and Volvo Transmissions

- Displays standard and proprietary fault codes for all Mack and Volvo transmissions.

Heavy-Duty Support for ZF Meritor Transmissions

- Supports reading SAE faults and data for:
  - ✓ SureShift
  - ✓ FreedomLine

Brake Manufacturer Support

Heavy-Duty Support for Bendix

- Supports identification of all Bendix components.
- Includes ACom® Legacy to support older Bendix ECUs not currently supported by JPRO® Commercial Vehicle Diagnostics.
  - o Ability to install and/or update ACom Legacy from within ACom PRO.
- Bi-Directional tests for TABS 6™ Single-Channel, TABS 6™ Multi-Channel, and TABS-8™ Trailer ECUs are only available through Bendix® ACom® Pro™ Diagnostics.
- Bendix DTC Report support for overall health report of all Bendix components.
- Clear Faults functionality supports clearing all faults, or only faults from a selected Bendix component.

NOTE: Access to this can be removed. Contact Noregon support for more information.

Bendix Tractor Brakes

- Supports reading and clearing Bendix proprietary fault codes on all EC-60 and EC-80 braking systems.

- Supports proprietary sensor data on all EC-60 and EC-80 braking systems, ADB Wear Sensing, and ADB Continuous Wear Sensing ECUs.

- Path-Type codes replace Blink Codes in Look Codes for EC-80.

- Supports reading and clearing Bendix proprietary fault codes and data for Intellipark.

- Supports reading and clearing Event History records on all EC-60 and EC-80 braking systems.

- Event History supports reading:

  - ✓ Event Counters for EC-80 braking systems.
  - ✓ ESP Counters forEC-60 and EC-80 braking systems.

- Displays percentage of estimated brake wear life (pads plus rotor) remaining on the ADB Continuous Wear Sensing key data points window.

- Displays reported pad wear life status on the ADB Wear Sensing key data points window.

- ABS Monitor provides an at-a-glance assessment of the braking system's health by monitoring related electrical and pneumatic components.

- CPC Configuration Layout displays Central Pressure Controller diagram for the reported EC-80 CPC.

- Bi-Directional support for Bendix tractor brakes:

Bi-Directional Test or Calibration	Supported On
ABS Air Bag Pressure Test	- EC-60 Advanced braking systems - EC-80 ESP/ESP+ braking systems
ABS Configuration - ABS - Tire Size - ATC - ESP - Broadcast *For the full list of supported parameters, see all 36 ABS Configuration Parameters*	EC-60 and EC-80 braking systems
ABS Engine Limiting Test	- EC-60 Premium or Advanced braking systems - EC-80 ATC or ESP braking systems

Bi-Directional Test or Calibration	Supported On
ABS Pressure Test	• EC-60 Advanced braking systems • EC-80 ESP/ESP+ braking systems
ABS Self Config Test	• EC-60 braking systems • EC-80 ABS and ATC braking systems

ATC Configuration
  ✓ ATC Control
  ✓ Traction Control Switch
	• Supports EC-80 ESP and ATC braking systems

Battery Voltage Test	• EC-60 and EC-80 braking systems
Braking System Switches Test	• EC-60 and EC-80 braking systems
Dashboard Lamp Tests	• EC-60 and EC-80 braking systems
Drag Torque Test	• EC-60 Premium or Advanced braking systems • EC-80 ATC or ESP braking systems
ECU Reset	• EC-60 and EC-80 braking systems
ESP Lamp Test	• EC-80 ESP/ESP+ braking systems
Maintenance Mode	• Intellipark systems
Modulator Valve (Chuff) Tests	• EC-60 and EC-80 braking systems
Steering Angle Test and Calibration	• EC-60 Advanced braking systems • EC-80 ESP/ESP+ or ATC+ with EV Support braking systems
Wheel Speed Chart Test	• All braking systems reporting wheel speed values
Wheel Speed Window Test	• All braking systems reporting wheel speed values

Bi-Directional Test or Calibration	Supported On
Wiggle Test/Performance Issue Monitoring	• EC-60 and EC-80 braking systems
Yaw Rate and Lateral Accel. Test and Calibration	• EC-60 Advanced braking systems • EC-80 ESP/ESP+ braking systems

ABS Configuration Parameters

NOTE: The exact ABS Configuration parameters available vary based on brake ECU type.

ABS

✓ Configuration Additional Axle
✓ Engine Retarder Control
✓ Rail Mode

Tire Size

✓ Tire Size (RPM)

ATC

✓ ATC Control
✓ Traction Control Switch

ETC

✓ Yaw Control
✓ RSP
✓ Steering Angle Sensor Orientation
✓ Lateral Acceleration Sensor Orientation
✓ Yaw Rate Sensor Orientation
✓ Trailer Modulator
✓ Air Bag

BROADCAST

✓ High Resolution Wheel Speed
✓ Wheel Speed Information
✓ Electronic Brake Controller
✓ Cruise Control/Wheel Speed
✓ Brake Message
✓ J1939: High Resolution Wheel Speed
✓ J1587: PID 168 Battery Potential (Voltage)
✓ J1587: PID 194 Diagnostics Data Requests (Faults)
✓ J1587: PID 209 ABS Control Status (Trailer)
✓ J2497: PID 49 ABS Control Status
✓ J2497: PID 84 Road Speed Information

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- ✓ J1939: Wheel Speed Information
- ✓ J1939: Electronic Brake Control
- ✓ J1939: Cruise Control/Wheel Speed
- ✓ J1587: PID 49 ABS Control Status
- ✓ J1587: PID 84 Road Speed Information
- ✓ J1587: PID 151 ATC Control Status

- ✓ J2497: PID 151 ATC Control Status
- ✓ J2497: PID 168 Battery Potential (Voltage)
- ✓ J2497: PID 194 Diagnostics Data Requests (Faults)
- ✓ J2497: PID 209 ABS Control Status (Trailer)
- ✓ J2497: PID 237 VIN (Trailer)
- ✓ J2497: PID 245 Odometer (Trailer)

Bendix Trailer Brakes

- Supports reading and clearing proprietary fault codes and SAE sensor data for the following:
  - ✓ TABS-6™ Advanced Single-Channel (SC) Trailer ABS
  - ✓ TABS-6™ Multi-Channel (MC) Trailer ABS
  - ✓ TABS-8™ Trailer ABS
- Supports reading and clearing faults for Trailer ADB Continuous Wear Sensing – Standalone ECUs.
- Supports reading and clearing faults for iSense – Pro (ADB Continuous Pad Wear Sensing) ECUs.
- Displays percentage of estimated brake wear life (pads plus rotor) remaining on the Trailer ADB Continuous Wear Sensing – Standalone key data points window.
- Supports trailer diagnostics over CAN for TABS-6™ Advanced Single-Channel Trailer ABS, TABS-6™ Advanced Multi-Channel Trailer ABS and Bendix® TABS-8™ Trailer ABS modules using the Bendix 4-pin to 9-pin diagnostics extension cable
- The EOL (End of Line) Test provides a suite of tests used to validate if the trailer ABS and its sensors are installed and functioning properly, and are available for:
  - ✓ TABS-6™ Advanced Single-Channel Trailer ABS
  - ✓ TABS-6™ Multi-Channel (MC) Trailer ABS
  - ✓ TABS-8™ Trailer ABS
  - o EOL Test report provides general ECU information, test results, and information gathered by individual tests.
  - o Individual EOL tests are also available from the bi-directional test menu.
- ECU Configuration provides technicians the tools to set the configuration and parameters of TABS-6™ Multi-Channel (MC) Trailer ABS ECUs.
- Bi-Directional Support for Bendix Trailers:

Bi-Directional Test or Calibration	Supported On
ABS Indicator Lamp Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Axle Load Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Battery Voltage Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Chuff Test	• TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Door Switch Status Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS

ECU Configuration
  ✓ ABS Configuration
  ✓ Load and Sensor Configuration
  ✓ TRSP
  ✓ Auxiliary IO
	• TABS-6™ Multi-Channel (MC) Trailer ABS

ECU Information Test*	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
General Output Functions Test NOTE: Functions available vary based on brake ECU configuration.	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS

Bi-Directional Test or Calibration	Supported On
Installation Angle Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Installation Configuration Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Lift Axle Control Test **NOTE:** *Supports LAC1 and LAC2*	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Lift Axle Sensing Test **NOTE:** *Supports LAS1 and LAS2*	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Lift Lower Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Low Pressure Warning Emergency Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Low Pressure Warning Service Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-8™ Trailer ABS
P-21 Delivery Test	• TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
P-21 Modulator Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
P-22 Delivery Test	• TABS-6™ Multi-Channel (MC) Trailer ABS

Bi-Directional Test or Calibration	Supported On
P-22 Modulator Test	• TABS-6™ Multi-Channel (MC) Trailer ABS
Pad Wear Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Pressure Sensor Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
S-C and S-D Sensor Tests	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
S-E and S-F Sensor Tests **NOTE:** *Supports 4 sensor configuration only*	• TABS-6™ Multi-Channel (MC) Trailer ABS
Scratchpad Test*	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Tire Inflation System Test	• TABS-6™ Advanced Single-Channel Trailer ABS • TABS-6™ Multi-Channel (MC) Trailer ABS • TABS-8™ Trailer ABS
Wear Sensing Test **NOTE:** *Requires QWS on SENS IN 1 and 2*	• TABS-6™ Multi-Channel (MC) Trailer ABS with minimum software version of TCWG.730.88
Wheel Speed Chart Test	• All braking systems reporting wheel speed values
Wheel Speed Window Test	• All braking systems reporting wheel speed values

*Test only displayed within the EOL Test dialog.

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
  - ✓ AutoVue® FLC25™ Camera
  - ✓ Wingman® FLR20™/FLR21™ Radar
  - ✓ Wingman® FLR25™
  - ✓ Blindspotter® Radar
  - ✓ Vorad VS500 Radar
  - ✓ Driver Interface Unit (DIU)
  - ✓ Steering Assist
- Updated support for AG12 software version for Steering Assist ECUs.
- Supports reading and clearing Event History records on all FLR21™ ECUs.
- Bi-Directional support for Bendix Driver Assistance Systems:

Bi-Directional Test or Calibration	Supported On

AutoVue 3G Configuration
  ✓ Enable Startup Chirps
  ✓ Enable Radio Mute Discrete Output
  ✓ Allow Driver Volume Control
  ✓ LDW Warning Alert Type
  ✓ LDW Minimum Operating Speed
  ✓ TPMS Sampling Interval
	• AutoVue® 3G LDW system

Bi-Directional Test or Calibration	Supported On
Blindspotter Configuration ✓ Enable Auto Baud Rate ✓ Set J1939 Baud Rate ✓ Legacy Mode ✓ Hazard Lamp Suppression ✓ Fixed CCVS Acceptance Address ✓ Sensor Location ✓ Extra CAN Target Messages ✓ FOV Speed Threshold ✓ J1939 Base Source Address ✓ Suppress Side Object Display BIST	• Blindspotter® Radar
Camera Snapshot Test	• AutoVue® FLC20™ Camera
Clear Stored Events and Videos	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (3G and 5G)
DIU Configuration ✓ Minimum Volume Percentage ✓ Minimum Volume Retained ✓ Power-up Tone ✓ 2 Second Alert Tone ✓ 1 Second Alert Tone ✓ Headway Alerts When Breaking ✓ Collision Alert When Braking ✓ Wingman Advanced Alerts ✓ Left Speaker Diagnostics ✓ LDW Audio Support ✓ Right Speaker Diagnostics ✓ Blackout Mode	• Driver Interface Unit

Bi-Directional Test or Calibration	Supported On
Indicator Component Tests	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (5G)
Lamp Component Tests	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (5G)

LDW Configuration
  ✓ LDW
  ✓ LDW Minimum Operating Speed
  ✓ LDW Sensitivity (Left Side)
  ✓ LDW Sensitivity (Right Side)
  ✓ LDW + Blindspotter 2 Integration
	• AutoVue® FLC20™ Camera

Pressure Trimming and Coil Polarity Test	• Now supports Steering Assist AG12 software
Output Component Tests	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (3G and 5G)
Pressure Trimming and Coil Polarity Test	• Steering Assist
Radar Service Alignment	• Wingman® FLR25™ Radar

Safety Direct Event Configuration
  • SD Event Collection
  • SD Event Triggers
  • SD Min Speeds
For the full list of supported parameters, see all [22 Safety Direct Event Configuration Parameters](#)
	• AutoVue® 3G LDW system
	• SafetyDirect® Web Portal Processor (3G and 5G)

Bi-Directional Test or Calibration	Supported On
Safety Direct Event Selection Configuration • Notification Beep • Video Recording *For the full list of supported parameters, see all [18 Safety Direct Event Selection Configuration Parameters](#)*	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (3G and 5G)
SDP3 Configuration ✓ Enable Startup Chirps ✓ Enable Radio Mute Discrete Output ✓ LDW Driver Disable Switch Type ✓ Alert Type ✓ Audio Sound Type ✓ TPMS Sampling Interval ✓ Video Input Camera Type	• SafetyDirect® Web Portal Processor (3G)
SDP5 Configuration ✓ Enable Startup Chirps ✓ Enable Radio Mute Discrete Output ✓ LDW Driver Disable Switch Type ✓ Alert Type ✓ Audio Sound Type ✓ TPMS Sampling Interval ✓ Cellular Enable ✓ DVR Options ✓ Startup Chirp Volume ✓ Video Input Camera Type	• SafetyDirect® Web Portal Processor (5G)

Bi-Directional Test or Calibration	Supported On
SDP5 System Configuration ✓ FLC Camera ✓ DFC Camera ✓ MPC2 Camera ✓ CTP OBC ✓ Private CAN ✓ Backup Battery ✓ Use Only CTP for Data Offloading	• SafetyDirect® Web Portal Processor (5G)
Speaker Volume Configuration	• AutoVue® 3G LDW system • SafetyDirect® Web Portal Processor (3G and 5G)
SPTAC Calibration	• AutoVue® FLC20™ Camera
Startup Chirp Volume Setting	• SafetyDirect® Web Portal Processor (3G and 5G)
TSR Configuration ✓ Traffic Sign Recognition ✓ TSR OverSpeed Alert ✓ TSR OverSpeed Alert and Action ✓ Source Address for the Country Select message	• AutoVue® FLC20™ Camera
Wingman FLR Configuration *General Settings:* ✓ ACC Lateral Mounting Offset ✓ Stationary Object Warning ✓ Direct TSC1 Control ✓ Highway Departure Braking ✓ ACC Type ✓ Multi Lane AEB ✓ ACC Type Engine Mismatch *DFA Alerts/Following Distance Settings:* ✓ Following Distance Alert Table ✓ Momentary FDA	• Wingman® FLR20™/FLR21™ Radar • Wingman® FLR25™ Radar • Vorad VS500 Radar

Bi-Directional Test or Calibration	Supported On
Wingman Fusion Blindness Adjustment	• Wingman® FLR21™ Radar

Safety Direct Event Configuration Parameters

NOTE: The exact Safety Direct Event Selection Configuration parameters available vary based on ECU type.

SD Event Collection

✓ Safety Direct Event Reporting

✓ Transmit Time Before Event Trigger

✓ Transmit Time After Event Trigger

✓ SD Manual Event Video Length

✓ SD Overspeed Grace Threshold

✓ SD Overspeed Video Snapshots OTA

SD Min Speeds

✓ Braking Trigger Minimum Speed

✓ Excessive Turning Trigger Minimum Speed

✓ Following Distance Minimum Speed

SD Event Triggers

✓ Hard Braking Force

✓ Severe Hard Braking Force

✓ Excessive Turning Force

✓ Severe Excessive Turning Force

✓ Following Distance Time

✓ Following Distance Duration

✓ Severe Following Distance Duration

✓ SD Severe Lane Mark No. Track Time

✓ Vehicle Overspeed Limit Threshold

✓ Vehicle Speeding Limit

✓ Severe Vehicle Overspeed Limit Threshold

✓ Speeding Trigger

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✓ Severe Speeding Trigger

<u>Safety Direct Event Selection Configuration Parameters</u>

NOTE: The exact Safety Direct Event Selection Configuration parameters available vary based on
ECU type.

Notification Beep:

✓ Excessive Curve Speed

✓ Excessive Braking

✓ Distance Alert

✓ Forward Collision Warning

✓ Collision Mitigation Braking

✓ ESC

✓ RSC

✓ Over Speed Limit

✓ Vehicle Speeding

Video Recording:

✓ Excessive Curve Speed

✓ Excessive Braking

✓ Distance Alert

✓ Forward Collision Warning

✓ Collision Mitigation Braking

✓ ESC

✓ RSC

✓ Over Speed Limit

✓ Vehicle Speeding

Bendix Tire Pressure Monitoring System (TPMS)

- Support reading and clearing Bendix proprietary fault codes on all SmarTire™ TPMS solutions.

- Supports 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

- TPMS key data points screen displays tire pressure and temperature data for configured sensor ID's.

- Supports reading Event History Information and saving to local file.

- Bi-Directional support for Bendix TPMS:

Bi-Directional Test or Calibration	Supported On

TPMS Ambient Sensor Configuration
 	
Global Settings:
  ✓ Altitude Compensation
 	
Ambient Application Configuration:
  ✓ Ambient Sensor ID Code
  ✓ Ambient Condition Enable
  ✓ Ambient Pressure From Sensor
  ✓ Ambient Pressure Enable
  ✓ Ambient Pressure Source
  ✓ Ambient Sensor Fault Enable
	• All SmarTire™ TPMS solutions

TPMS Backup and Restore *For compatibility rules see TPMS Backup and Restore Compatibility*	• All SmarTire™ TPMS solutions
TPMS Configuration	• All SmarTire™ TPMS solutions
TPMS Lamp Display Configuration	• SmarTire™ Standard and NextGen TPMS Solutions

TPMS Parameters
 	
  • Global Settings
  • Sensor Fault Time Programming
  • Programming Restrictions
  • Dual Tire Imbalance
  • Low Power Mode
  • Vehicle and Trailer Settings
  • Antenna Configuration
 	
For the full list of supported parameters, see all 36 TPMS Parameters
	• All SmarTire™ TPMS solutions

TPMS Scratchpad	• SmarTire™ NextGen TPMS solutions

Bi-Directional Test or Calibration	Supported On
TPMS Signal Strength Test	• All SmarTire™ TPMS solutions (except for Standard TPMS models 200.0213, 200.0216, and 200.0219)
TPMS Statistics	• SmarTire™ NextGen TPMS solutions

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TPMS Parameters

NOTE: The TPMS Parameters available vary based on TPMS type and variant.

Global Settings

- ✓ First Alert Level
- ✓ Temperature Compensate FAL
- ✓ Second Alert Level
- ✓ Temperature Compensate SAL
- ✓ High Temperature
- ✓ Auto Learn Setting
- ✓ Tire Condition Pressure Mode

Sensor Fault Time Programming

- ✓ Sensor Fault Time Rolling Mode
- ✓ Custom Stationary Sensor Fault Time
- ✓ Sensor Fault Time Stationary Mode
- ✓ Custom Ambient Sensor Fault Time
- ✓ Sensor Fault Time for Ambient Sensor

Programming Restrictions

- ✓ Gauge Units Menu
- ✓ Gauge Parameters Menu
- ✓ Gauge Axle Menu
- ✓ Gauge Altitude Menu
- ✓ Gauge Learn Menu
- ✓ Gauge Profile Menu
- ✓ Gauge Password Menu
- ✓ PIN Code to Unlock Display

Dual Tire Imbalance

- ✓ Dual Tire Imbalance Enable
- ✓ Dual Tire Imbalance Pressure Limit

Low Power Mode

- ✓ Vehicle Battery Check Interval
- ✓ Minimum Vehicle Battery
- ✓ Maximum Sensor Data Age

Low Power Mode Stage 1

- ✓ Stage One Sleep Time
- ✓ Stage One Repetitions
- ✓ Forward Collision Warning

Low Power Mode Stage 2

- ✓ Stage Two Sleep Time
- ✓ Stage Two Repetitions

Low Power Mode Stage 3

- ✓ Stage Three Sleep Time

Vehicle and Trailer Settings

- ✓ Vehicle Type
- ✓ Vehicle ID
- ✓ Trailer Learn

- ✓ Exclusive Trailer
- ✓ Exclusive Trailer ID

Antenna Configuration

- ✓ Internal Antenna

TPMS Backup and Restore Compatibility

The TPMS Backup and Restore allows configuration settings to be saved to and loaded from a local file. The following shows compatibility rules for transferring data between different TPMS controllers.

SmarTire™ Standard TPMS solutions:
- ✓ May update Standard and NextGen controllers.

SmarTire™ iTPMS solutions:
- ✓ May only update other iTPMS controllers.

SmarTire™ NextGen TPMS solutions:
- ✓ May update Standard and NextGen controllers.

Bendix Air Treatment Systems

- Supports reading proprietary faults and data, and clearing faults for the following air treatment system components:
  - ✓ EAC (EC-80 Integrated)
  - ✓ EAC (Standalone)
- Supports reading and clearing proprietary fault codes for the following air treatment system components:
  - ✓ eAPU2
  - ✓ iAPU
  - ✓ ESM2
  - ✓ EVM1
  - ✓ eIAG
- Bi-Directional support for Bendix Air Treatment Systems:

Bi-Directional Test or Calibration	Supported On
Cartridge Lifetime Prediction Reset Test	• EAC (EC-80 Integrated) • EAC (Standalone)
Cartridge Reset Test	• iAPU
Oil Change Reset Test	• iAPU

Bendix Auxiliary Components

- Supports reading and clearing Bendix proprietary fault codes and data for the PLC Relay.

Heavy-Duty Support for 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.

Heavy-Duty Support for Wabco

Wabco Brakes

- Supports 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:

Bi-Directional Test or Calibration	Supported On
Dashboard Lamp Tests	• All Wabco braking systems except the mBSP
Enable/Disable ATC (Automatic Traction Control)	• Wabco HPB brakes and all Wabco pneumatic braking systems
Memorized Components Reset	• All pneumatic and hydraulic braking systems where J1587 communications are available
Modulator Valve (Chuff) Test	• All Wabco pneumatic braking systems
Wheel Speed Chart Test	• All braking systems reporting wheel speed values
Wheel Speed Window Test	• All braking systems reporting wheel speed values

Wabco Advanced Driver Assistance Systems (ADAS)

- Supports SAE faults and proprietary sensor data for OnGuard™ Forward Looking Radar.

Heavy-Duty Support for Wabash

- Supports reading SAE faults and data for Wabash trailer brakes.

Auxiliary Component Support

Heavy-Duty Support for Agility

- Supports reading proprietary faults and data for Agility Blue iQ® Fuel System Control Module.
- Bi-Directional support for Agility Blue iQ® Fuel System Control Module.:

Bi-Directional Test or Calibration	Supported On
Wiggle Test/Performance Issue Monitoring	- Agility Blue iQ® Fuel System Control Module.

Heavy-Duty Support for Alexander Dennis

- Supports reading SAE faults and data for Alexander Dennis auxiliary components.

Heavy-Duty Support for Bluebird

- Supports reading SAE faults and data for Bluebird auxiliary components.

Heavy-Duty Support for 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:

Bi-Directional Test or Calibration	Supported On
CTIS Pressure Tests	- Dana CTIS where J1939 communications are available
CTIS Supply Tank Pressure Test	- Dana CTIS where J1939 communications are available

Heavy-Duty Support for Detroit Assurance

- Supports proprietary sensor data for the Radar Frontend 2.
- Bi-Directional support for Detroit Assurance:

Bi-Directional Test or Calibration	Supported On
Radar Alignment	• Radar Frontend 2
Radar Parameters ✓ Radar Height	• Radar Frontend 2

Heavy-Duty Support for Freightliner

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

Heavy-Duty Support for Fuso

- Supports Fuso FE Gas Series trucks (Models FEC7TS, FEC7TW, FEC9TS and FECZTS) through a Heavy-Duty 9 pin connection:
- Read and clear faults from all vehicle components.

  NOTE: Access to this can be removed. Contact Noregon support for more information.

- Alerts for out-of-date software for the PSI engine and Fuso SSAM, ABS and ICUC components.

Heavy-Duty Support for International

- Supports reading SAE faults and data for International auxiliary components.

Heavy-Duty Support for PACCAR Body Controllers

- Supports the following PACCAR Body Controllers including clearing faults:
  - ✓ CECU3
  - ✓ CECU3 500
  - ✓ VECU

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 Noregon DLA+ 3.0, DLA+ 3.0 Wireless, DLA+ 2.0, DLA+ 2.0 Wireless, DLA+, or DLA+ Wireless adapter.

If using the Noregon DLA+ or DLA+ Wireless adapter, please ensure the label on the back of the adapter indicates it is 'Rev P Compatible'.

Heavy-Duty Support for Prevost

- Displays all standard and proprietary fault codes for all Prevost auxiliary components.

Heavy-Duty Support for Sterling

- Supports reading SAE faults and data for Sterling auxiliary components.

Heavy-Duty Support for Thomas Built

- Supports reading SAE faults and data for Thomas Built auxiliary components.

Heavy-Duty Support for Mack and Volvo Auxiliary Components

- Displays all standard and proprietary fault codes for all Mack and Volvo components.

Heavy-Duty Support for Van Hool

- Supports reading SAE faults and data for Van Hool auxiliary components.

Heavy-Duty Support for Western Star

- Supports reading SAE faults and data for Western Star auxiliary components.

JPRO® OFF-HIGHWAY FEATURES

- Off-Highway supports listed Off-Highway vehicle connections

- Supports SAE J1939 messages.

- Ability to save and playback log files for Off-Highway specific connections.

- When selecting the off-highway connection type you will be asked if you are connecting to John Deere equipment. Select Yes to connect to John Deere equipment. Select No for all other off-highway equipment.

NOTE: Playing back log files from Off-Highway connections is not supported in JPRO® versions prior to 2023 v1.

NOTE: *Appropriate off-highway cables are required to connect to vehicles in JPRO®.* Refer to the Cable Connection Guide for assistance with cable selection and finding connector locations.

Off-Highway Support for Bobcat

- Supports proprietary Faults and sensor data for the listed equipment types, models, and engines:

Equipment Type	Supported On
Mini Excavators	- E45 with DL02 engine - E50 with DL02 engine - E55 with DL02 engine
Track Loaders	- T450 with DL02 engine - T550 with DL02 engine - T590 with DL02 engine - T630 with DL03 engine - T650 with DL02 engine - T740 with DL03 engine - T770 with DL03 engine - T870 with DL03 engine

Equipment Type	Supported On
Excavator	• S530 with DL02 engine • S630 with DL02 engine • S650 with DL02 engine • S740 with DL03 engine • S770 with DL03 engine

NOTE: Bobcat 6-pin Off-Highway cable is required

• Bi-Directional support for Bobcat engines:

Bi-Directional Test or Calibration	Supported On
Wiggle Test/Performance Issue Monitoring	• DL02, and DL03 engines on applicable equipment

Off-Highway Support for Caterpillar

• Bi-Directional support for Caterpillar engines:

Bi-Directional Test or Calibration	Supported On
Cylinder Cut-Out Test	• C4.4, C6.6, C7.1, C9.3, C9.3B, and C13 ACERT T4i & T4 engines
Wiggle Test/Performance Issue Monitoring	• C4.4, C6.6, C7.1, C9.3, C9.3B, and C13 ACERT T4i & T4 engines on applicable equipment

• Supports reading SAE faults and sensor data on 2010 and newer models:

Equipment Type	Supported On
Backhoe Loader	• 415F2 (C3.4B), 415F2 IL (C3.4B), 427F2 (C3.4B)
Compact Track Loader	• 239D3 (C2.2), 249D3 (C2.2)
Excavator	• 311F LRR (C3.4B), 312F GC (C3.4B), 313F GC (C3.4B), 320 (C4.4), M323F (C4.4)
Genset	• XQ35 (C2.2)
Hydraulic Shovel	• 6030 (C27)

Equipment Type	Supported On
Industrial Engine	• C13 (C13), C13B (C13B), C15 (C15), C18 (C18), C18 (C18), C27 (C27), C3.4B (C3.4B), C4.4 (C4.4), C7 (C7), C9 (C9), C9.3 (C9.3)
Material Handler	• MH3037 (C7)
Padfoot Compactor	• CP34 (C3.4B), CP44B (C3.4B), CP5 (C3.4B), CP56B (C4.4), CP68B (C4.4), CP74B (C4.4)
Petroleum Power Train (Transmission)	• CX31-C13I (C13), CX31-C18I (C18), CX31-P600-C13I (C13), CX31-P600-C9I (C9), CX35-P800-C18I (C18), CX35-P800-C27I (C27), TH35-C13I (C13), TH48-E70-C27I (C27)
Pneumatic Compactor	• CW14 (C3.4B), CW16 (C3.4B)
Skid Steer (Both)	• 216B2 (C2.2), 216B3 (C2.2), 226B2 (C2.2), 226B3 (C2.2), 226D3 (C2.2), 232B2 (C2.2), 232D (C2.2), 232D3 (C2.2), 236D3 (C2.2), 239D (C2.2), 242B2 (C2.2), 247B2 (C2.2), 247B3 (C2.2), 249D (C2.2), 257B2 (C2.2)
Smooth Drum Compactor	• CB44B (C3.4B), CB46B (C3.4B), CB54B (C3.4B), CB7 (C3.4B), CB8 (C3.4B), CD10 (C3.4B), CD44B (C3.4B), CD4B (C3.4B), CD54B (C3.4B), CD8 (C3.4B), CS34 (C3.4B), CS44B (C3.4B), CS5 (C3.4B), CS56B (C4.4), CS66B (C4.4), CS68B (C4.4), CS74B (C4.4), CS76B (C4.4), CS78B (C4.4)
Telehandler	• TH336C (C3.4B), TH337C (C3.4B), TH3510D (C3.4B), TH357D (C3.4B), TH406C (C3.4B), TH407C (C3.4B), TH408D (C3.4B), TH414C (C3.4B), TH417C (C3.4B), TH514C (C3.4B), TH514D (C3.4B), TL642C (C3.4B), TL642D (C3.4B), TL943C (C3.4B), TL943D (C3.4B)

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Caterpillar Off-Highway 2010 and newer models:

Equipment Type	Supported On
Asphalt Paver	• AP1000 (C7.1), AP1000 F (C7.1), AP1000E (C7.1), AP1055 (C7.1), AP1055 F (C7.1), AP1055E (C7.1), AP1055E/BG1055E (C7.1), AP400 (C3.6), AP455 (C3.6), AP500E (C4.4), AP500F (C4.4B), AP555E (C4.4), AP555F (C4.4B), AP600F (C4.4B), AP655F (C4.4B), BG1000E (C7.1), BG1055E (C7.1), BG500E (C4.4), BG555E (C4.4)
Backhoe Loader	• 415 (C3.6), 416 (C3.6), 416F (C4.4), 416F (C4.4B), 416F2 (C4.4B), 420 (C3.6), 420 XE (C3.6), 420E (C4.4), 420F (C4.4), 420F (C4.4B), 420F2 (C4.4B), 420F2 IT (C4.4B), 424 (C3.6), 428 (C3.6), 428F (C4.4), 428F2 (C4.4B), 430 (C3.6), 430E (C4.4), 430F (C4.4), 430F (C4.4B), 430F2 (C4.4B), 430F2 IT (C4.4B), 432 (C3.6), 432F (C4.4), 432F (C4.4B), 432F2 (C4.4B), 434 (C3.6), 434F (C4.4), 434F (C4.4B), 434F2 (C4.4B), 440 (C4.4B), 444 (C3.6), 444F (C4.4), 444F (C4.4B), 444F2 (C4.4B), 450 (C4.4B), 450E (C4.4), 450F (C4.4), 450F (C4.4B)
Cold Planer	• PM310 (C9.3), PM310 (C9.3B), PM312 (C9.3), PM312 (C9.3B), PM313 (C9.3), PM313 (C9.3B)
Compact Wheel Loader	• 910 (C3.6), 910M (C4.4B), 914 (C3.6), 914G2 (C4.4), 914M (C4.4B), 918M (C4.4B), 920 (C3.6)

Equipment Type	Supported On
Crawler Dozer	• D1 (C3.6), D1 LGP (C3.6), D2 (C3.6), D2 LGP (C3.6), D3 (C3.6), D3 LGP (C3.6), D3K LGP (C4.4), D3K LGP (C4.4B), D3K XL (C4.4), D3K2 LGP (C4.4), D3K2 LGP (C4.4B), D3K2 XL (C4.4), D3K2 XL (C4.4B), D4 (C4.4B), D4K LGP (C4.4), D4K XL (C4.4), D4K2 LGP (C4.4), D4K2 LGP (C4.4B), D4K2 XL (C4.4), D4K2 XL (C4.4B), D5 (C7.1), D5K LGP (C4.4), D5K XL (C4.4), D5K2 LGP (C4.4), D5K2 LGP (C4.4B), D5K2 XL (C4.4), D5K2 XL (C4.4B), D6 (C9.3B), D6 XE (C9.3B), D6K2 (C6.6), D6K2 (C7.1), D6K2 LGP (C4.4B), D6K2 LGP (C6.6), D6K2 XL (C4.4B), D6K2 XL (C6.6), D6N LGP (C6.6), D6N LGP (C7.1), D6N XL (C6.6), D6N XL (C7.1), D6T (C9.3), D6T LGP (C9.3), D6T XL (C9.3), D6T XL VPAT (C9.3), D6T XW (C9.3), D7 (C9.3B), D7E (C9.3), D7E LGP (C9.3), D8 (C15), D8T (C15)

Equipment Type	Supported On
Excavator	• 312E (C4.4), 312E (C4.4B), 312E L (C4.4), 312E L (C4.4B), 312F (C4.4B), 313 (C3.6), 313 GC (C3.6), 313F (C4.4B), 313F L (C4.4B), 314E CR (C4.4), 314E CR (C4.4B), 314E CR/E LCR (C4.4B), 314E LCR (C4.4), 314E LCR (C4.4B), 314F (C4.4B), 315 (C3.6), 315 GC (C3.6), 315F L (C4.4B), 316E L (C4.4), 316E L (C4.4B), 316F L (C4.4B), 317 (C3.6), 317 GC (C3.6), 318E L (C4.4), 318E L (C4.4B), 318F L (C4.4B), 320 (C4.4B), 320 GC (C4.4B), 320E (C6.6), 320E L (C6.6), 320E LN (C6.6), 320E LRR (C6.6), 320E RR (C6.6), 320E/E L (C6.6), 320E/E L/E LN (C6.6), 320F L (C4.4B), 323 (C7.1), 323E (C6.6), 323E L (C6.6), 323E LN (C6.6), 323E SA (C6.6), 323E/E L/E LN (C6.6), 323F L (C7.1), 323F LN (C4.4B), 323F SA (C4.4B), 324E (C7.1), 324E L (C7.1), 324E/E L (C7.1), 325F L (C4.4B), 326 (C7.1), 326F L (C7.1), 326F LN (C7.1), 329E (C7.1), 329E L (C7.1), 329E LN (C7.1), 329E/E L (C7.1), 329F L (C7.1), 330 (C7.1), 330 GC (C7.1), 330F (C7.1), 330F L (C7.1), 333 (C7.1), 335 (C7.1), 335F L (C7.1), 335F LCR (C7.1), 336 (C7.1), 336 (C9.3B), 336 GC (C7.1), 336E (C9.3), 336E H (C9.3), 336E L (C9.3), 336E LH (C9.3), 336E LN (C9.3), 336E LNH (C9.3), 336F (C9.3), 336F L (C9.3), 336F L XE (C9.3), 336F LN (C9.3), 336F LN XE (C9.3), 336F LXE (C9.3), 336F XE (C9.3), 340 (C9.3B), 340F (C9.3), 345 GC (C9.3B), 349E (C13), 349E L (C13), 349E L HVG (C13), 349E L VG (C13), 349E/E L (C13), 349F (C13), 349F L (C13)…
Excavator (Continued)	• 349F/F L (C13), 350 (C9.3B), 352F (C13), 352F-VG (C13), 374F L (C15), M313D (C4.4), M314 (C3.6), M314F (C4.4B), M315 D2 (C4.4), M315D (C4.4), M315F (C4.4B), M316F (C4.4B), M317 D2 (C4.4), M317F (C4.4B), M318F (C7.1), M320F (C7.1), M322 (C7.1), M322F (C7.1), M323F (C4.4B)
Feller Buncher	• 2570C (C7.1), 2570D (C7.1), 2670C (C7.1), 2670D (C7.1), 521 (C9.3B), 522 (C9.3B), 563C (C7.1), 573C (C7.1)
General Forestry	• 548 (C7.1), 558 (C7.1), 568 (C9.3), 568 (C9.3B), FM538 (C7.1), FM568 (C9.3B)

Equipment Type	Supported On
Knuckleboom Loader	• 2384C (C6.6), 2384D (C4.4B), 2484C (C6.6), 2484D (C4.4B), 559C (C6.6), 559D (C4.4B), 579C (C6.6), 579D (C4.4B)
Landfill Compactor	• 826K (C15)
Load Haul Dump	• R2900 (C15)
Log Loader	• 538 (C7.1), 548 (C7.1), 558 (C7.1), 568 (C9.3), 568 LL (C9.3B), 938K (C6.6), 938M (C7.1), FM538 (C7.1), FM568 (C9.3B)
Material Handler	• MH3022 (C7.1), MH3024 (C7.1), MH3026 (C7.1), MH3032 (C7.1), MH3040 (C7.1), MH3050 (C9.3B), MH3250 (C9.3B)
Motor Grader	• 120 (C7.1), 120M (C7.1), 120M II (C7.1), 12M (C9.3), 14 (C13), 140 (C9.3), 140 GC (C7.1), 140M (C9.3), 14M (C13), 14M III (C13), 150 (C9.3), 16 (C13), 160 (C9.3), 160M (C9.3), 16M (C13), 16M III (C13), 18 (C13), 18M (C13), 18M III (C13)
Off-Highway Truck	• 725 (C9.3), 725C (C9.3), 725C2 (C9.3), 730 (C13), 730C (C13), 730C2 (C13), 735 (C13), 735B (C15), 735C (C15), 740 (C15), 740B (C15), 770 (C15), 770G (C15)
Padfoot Compactor	• 815 (C7.1), 815K (C7.1), 816 (C7.1), 816K (C7.1), 824 (C15), 824K (C15), 825 (C15), 825K (C15), 826 (C15), CP11 (C4.4B), CP11 GC (C3.6), CP12 (C4.4B), CP12 GC (C3.6), CP13 GC (C3.6), CP14 (C4.4B), CP16 (C4.4B), CP44 (C4.4), CP54 XT (C4.4), CP54B (C4.4), CP54B (C4.4B), CP56B (C4.4), CP56B (C4.4B), CP68B (C4.4), CP68B (C4.4B), CP7 (C3.6), CP74B (C4.4), CP74B (C4.4B)
Petroleum Power Train (Transmission)	• CX31-P600-C9.3I (C9.3), C31-P600-C15I (C15), CX31-P600-C18I (C18), CX35-P800_C18I (C18), CX38-P892-C18I (C18), TH35-C13I (C13), TH35-C15I (C15), TH35-C15T (C15), TH48-E70-C27I (C27)
Pipelayer	• PL61 (C4.4B), PL72 (C9.3), PL83 (C15), PL87 (C15)
Pneumatic Compactor	• CW34 (C4.4), CW34 (C4.4B)

Equipment Type	Supported On
Road Reclaimer/Recycler	• RM500 (C15), RM400 (C9.3B), RM500B (C15)
Site Prep Tractor	• 2864C (C9.3), 586C (C9.3)
Smooth Drum Compactor	• CB10 (C3.6), CB10 (C4.4B), CB13 (C4.4B), CB15 (C4.4B), CB16 (C4.4B), CB34 (C4.4), CB44B (C4.4), CB44B (C4.4B), CB54 (C4.4), CB54B (C4.4), CB54B (C4.4B), CB64 (C4.4), CB64B (C4.4B), CB66B (C4.4B), CB68B (C4.4B), CB7 (C3.6), CB8 (C3.6), CCS7 (C4.4B), CS10 GC (C3.6), CS11 (C4.4B), CS11 GC (C3.6), CS12 (C4.4B), CS12 GC (C3.6), CS13 GC (C3.6), CS14 (C4.4B), CS16 (C4.4B), CS19 (C4.4B), CS44 (C4.4), CS54 (C4.4), CS54 XT (C4.4), CS54B (C4.4), CS54B (C4.4B), CS56B (C4.4), CS56B (C4.4B), CS64B (C4.4), CS64B (C4.4B), CS66B (C4.4), CS66B (C4.4B), CS68B (C4.4), CS68B (C4.4B), CS7 (C3.6), CS74B (C4.4), CS74B (C4.4B), CS76B (C4.4), CS76B (C4.4B), CS78B (C4.4), CS78B (C4.4B)
Telehandler	• TH3510 (C3.6), TH3510D (C4.4), TH357 (C3.6), TH357D (C4.4), TH408 (C3.6), TH408D (C4.4), TL1055 (C3.6), TL1055D (C4.4), TL1255 (C3.6), TL1255D (C4.4), TL642 (C3.6), TL943 (C3.6)
Track Loader	• 953 (C7.1), 953K (C7.1), 963 (C7.1), 963K (C7.1), 973K (C9.3)
Track Processor/Harvester	• 568 (C9.3)
Wheel Dozer	• 814 (C7.1), 814K (C7.1)
Wheel Feller Buncher	• 563D (C7.1), 573D (C7.1)

Equipment Type	Supported On
Wheel Loader	• 924K (C6.6), 926 (C7.1), 926M (C7.1), 930 (C7.1), 930K (C6.6), 930M (C7.1), 938 (C7.1), 938M (C7.1), 950 (C7.1), 950 GC (C7.1), 950GC (C7.1), 950K (C7.1), 950M (C7.1), 950M Z (C7.1), 962 (C7.1), 962K (C7.1), 962M (C7.1), 962M Z (C7.1), 966 (C7.1), 966 (C9.3B), 966 GC (C9.3B), 966 XE (C9.3B), 966K (C9.3), 966K XE (C9.3), 966M (C9.3), 966M XE (C9.3), 972 (C7.1), 972 (C9.3B), 972 XE (C9.3B), 972K (C9.3), 972M (C9.3), 972M XE (C9.3), 980K (C13), 980M (C13), 982 (C13), 982M (C13), 986 (C15), 986K (C15), 988 GC (C15), R1700 (C13)
Wheel Scraper	• 621 (C13), 621H (C13), 621K (C13), 623 (C13), 623H (C13), 623K (C13), 627 (C13), 627 (C9.3), 627H (C13), 627H (C9.3), 627K (C13), 627K (C9.3), 637 (C9.3), 637K (C9.3), 657K (C15)
Wheel Skidder	• 525D (C7.1), 535D (C7.1), 545D (C7.1), 555D (C7.1)

NOTE: CAT 9 or 14 pin Off-Highway cables are required.

Off-Highway Support for Cummins

- Bi-Directional support for Cummins engines:

Bi-Directional Test or Calibration	Supported On
Cylinder Cut-Out Test	• QSB4.5, QSB6.7, QSF3.8, QSL9, QSX15, B6.7 engines on applicable equipment
DPF Service Regen	• QSB4.5, QSF3.8, QSL9, QSX15, B6.7, L9 engines on applicable equipment
Fuel Leakage Test	• QSB6.7, QSL9, QSX15, B6.7, QSX15 engines on applicable equipment
SCR Performance and System Test	• QSB4.5, QSB6.7, QSF3.8, QSL9, B6.7, L9 engines on applicable equipment
Wheel Speed Chart Test or Wheel Speed Window Test	• QSX15 engines on applicable equipment
Wiggle Test/Performance Issue Monitoring	• QSB4.5, QSB6.7, QSF3.8, QSL9, QSX15, B6.7 engines on applicable equipment

Ammann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ammann Off-Highway 2013 and newer models:

Equipment Type	Supported On
Soil Compactor	• ASC 110 D (QSB4.5)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

ASV

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ASV Off-Highway 2013 and newer models:

Equipment Type	Supported On
Compact Track Loader	• RT 75(QSF2.8), RT 120(QSF3.8)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Bergman

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bergman Off-Highway 2020 and newer models:

Equipment Type	Supported On
Wheeled Dump Truck	• C815S (QSB4.5), C828S (QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Bomag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bomag Off-Highway 2010 and newer models:

Equipment Type	Supported On
Mobile Feeder	• BMF 2500 Series(QSB5.9)
Drum Roller	• BW 200 Series(QSB5.9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Ditch Witch

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ditch Witch Off-Highway 2010 and newer models:

Equipment Type	Supported On
Trencher	• HT 275(QSC8.3), HT 275(QSL9)
Directional Drill	• JT100 ALL TERRAIN(QSB6.7), JT100(QSB6.7), JT24(F3.8), JT25(QSB4.5), JT30 ALL TERRAIN(QSB4.5), JT30(QSB4.5), JT40(QSB4.5), JT60 ALL TERRAIN(QSB6.7), JT60(QSB6.7), AT 40 ALL TERRAIN(QSB4.5)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Dynapac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dynapac Off-Highway 2010 and newer models:

Equipment Type	Supported On
Tandem Roller	• CC 2200 C(QSB3.3), CC2300(QSB3.3), CC3200(QSB3.3)
Compactor	• CP 1200(QSF2.8), CP 274(QSB4.5), CT3000(QSB6.7), F1000T(QSB6.7)
Wheeled Finisher	• FC1400C II(QSF2.8), F 2500 CS(QSB6.7), F 2500 W(QSB6.7), F 3030C(QSB6.7), F 2500 C, (QSB6.7), F 2500 CS,(QSB6.7), MF2500CL(QSB6.7), MF2500CM(QSB6.7), MF2500CS (QSB6.7), F1000W(QSB6.7), F800T(QSB6.7), F800W(QSB6.7)
Vibratory Roller	• 150 A (QSB3.3), 150 AD(QSB3.3), CA 150 P(QSB3.3), CA 150(QSB3.3), CA 1300 PD(QSB4.5), CA 250 D-II(QSB4.5), CA 250 PD(QSB4.5), CA 2500 D(QSB4.5), CA 2500 PD(QSB4.5), CA 250-II(QSB4.5), CA 252 D(QSB4.5), CA 252(QSB4.5), CA 302 D(QSB4.5), CA 302 PD(QSB4.5), CA 3500 D(QSB4.5), CA 3500 D(QSF3.8), CA 3500 PD(QSB4.5), CA 3500 PD(QSF3.8), CA 362 D(QSB6.7), CA 362 PD(QSB6.7), CA 4000 D(B4.5), CA 4000 D(QSB4.5), CA 4000 PD(B4.5), CA 4000 PD(QSB4.5), CA 702 D(QSB6.7), CA 702 PD(QSB6.7), CA2500(QSB4.5), CA5500D(B4.5), CA5500PD(B4.5), CA6000D(B4.5), CC 4000 C VI(QSF3.8), CC 4000 VI(QSF3.8), CC 4200 C VI(QSF3.8), CC 4200 C(QSB4.5), CC 4200 VI(QSF3.8), CC 4200(QSF3.8), CC 5200 C VI(QSF3.8), CC 5200 C(QSB4.5), CC 5200(QSB4.5), CC 6200 C VI(QSF3.8), CC 6200 VI(QSF3.8), CC 6200(QSB4.5), CC 7200(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

Gradall

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Gradall Off-Highway 2010 and newer models:

Equipment Type	Supported On
Wheel Excavator	• D 152(ISB6.7), D 154(ISB6.7)
Hydraulic Excavator	• D 172(ISB6.7), D 174(ISB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

Hitachi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hitachi Off-Highway 2010 and newer models:

Equipment Type	Supported On
Wheeled Loader	• ZW310-5A(QSM11), ZW330(QSM11)ZW370(QSX15), ZW140ZW150(QSB4.5), ZW140-6 (QSB4.5), ZW180(QSB6.7), ZW180-5(QSB6.7), ZW200-5(QSB6.7), ZW200-5A(QSB6.7), ZW200-6(QSB6.7), ZW310-6(QSL9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

Hydrema

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hydrema Off-Highway 2013 and newer models:

Equipment Type	Supported On
Loader Backhoe	• 906 E(QSB4.5), 908 E(QSB4.5)

Equipment Type	Supported On
Off Highway Truck	• 912 F(QSB4.5), 922 C(QSB5.9), 922 C(QSB6.7), H 926 E-ESD(QSB4.5), H 928 E-ESD(QSB4.5)
Wheel Excavator	• MX 14(QSB4.5), MX 16(QSB4.5), MX 18(QSB4.5)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Hyundai CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hyundai CE Off-Highway 2010 and newer models:

Equipment Type	Supported On
Excavator	• R850LC-9(QSX15), 480LC-9 MH, (QSM11), 480LC-9A(QSX11.9), 520LC-9A(QSX11.9), HX480A L(X12), HX520A L(X12), R480LC-9(QSM11), R800LC-7A, (QSX15), R800LC-9, (QSX15), R800LC-9A, (QSX15), R800LC-9A,(QSX15), R850LC-9(QSX15), 210W-9A(QSB6.7), 220LC-9A(QSB6.7), 235LCR-9A(QSB6.7), 260LC-9A(QSB6.7), 300LC-9A(QSB6.7), 330LC-9A(QSL9), 380LC-9A(QSL9), HX140A L(QSF3.8), HX140LC(QSF3.8), HX220AL(QSB6.7), HX220L(QSB6.7), HX220LR(QSB6.7), HX300L(QSB6.7)
Wheel Loader	• HL 935, (QSB6.7), HL 940, (QSB6.7), HL 955(QSB6.7), HL760-9(QSB6.7), HL770-9(QSL9), HL980A XT(X12), HL980A(X12)
Compactor	• HR110C(QSF3.8), HR120C(QSF3.8), HR140C(QSF3.8)
Wheel Excavator	• HW140A(QSB4.5), HW160A,(QSB4.5), HW170A CR(QSB4.5), HW210(QSB6.7), HW210(QSB6.7), HW210A(QSB6.7), HW250A MH(QSB6.7)
Compact Loader	• R110C, (QSF3.8), R140C(QSF3.8), R140W-9A(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

JCB

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following JCB Off-Highway 2010 and newer models:

Equipment Type	Supported On
Wheel Loader	• 467ZX(QSM11), 427(QSB6.7), 435S(QSB6.7), 437(QSB6.7), 437HT(QSB6.7), 457HT(QSB6.7), 457S(QSB6.7), 457ZX(QSB6.7)
Articulated Dump Truck	• 700(QSB6.7)
Backhoe Loader	• HMEE(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Kalmar

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kalmar Off-Highway 2010 and newer models:

Equipment Type	Supported On
Off-Highway Truck	• T2(B6.7), TT618i(B6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Kawasaki KCM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kawasaki Off-Highway 2010 and newer models:

Equipment Type	Supported On
Wheel Loader	• 90ZV-2(QSM11)

Equipment Type	Supported On
Wheeled Loader	• 60ZV-2 SERIES(QSB4.5), 70TM7 SERIES(QSB6.7), 70TMV-2(QSB6.7), 70Z7 SERIES(QSB6.7), 70ZV SERIES(QSB6.7), 70ZV-2 SERIES(QSB6.7), 80Z7(QSB6.7), 80ZV-2(QSB6.7), 85ZV(QSL9), 90Z7(QSL9), 90ZV(QSL9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Leeboy

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Leeboy Off-Highway 2010 and newer models:

Equipment Type	Supported On
Road Widener	• RW-85(QSF2.8), 4130B(QSF3.8)
Force Feed Loader	• 3000C(QSF3.8)
Motor Grader	• 685D(QSF3.8), 695B(QSF3.8), G700B(QSF3.8)
Asphalt Pavers	• 8816(QSF3.8)
Chip Spreader	• CSM(QSB4.5), CSV(QSB4.5)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Liebherr

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liebherr Off-Highway 2010 and newer models:

Equipment Type	Supported On
Material Handler	• LH 24(QSB4.5), LH 26(QSB4.5)
Rough Terrain Crane	• LRT 1090-2.1(QSB6.7)
Crane	• LRT 1100-2.1(QSB6.7)
Excavator	• R 922(QSB6.7), R 924(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Link-Belt

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Link-Belt Off-Highway 2010 and newer models:

Equipment Type	Supported On
Rough Terrain Crane	• 100 RT(QSB6.7), 120 RT(QSB6.7), 75 RT(QSL9), RTC 80160 SII(QSL9), RTC 8050 SII(QSB4.5), RTC 8065 SII(QSB6.7), RTC 8090(QSL9)
All Terrain Crane	• 175 AT(QSX15), ATC 3200(QSB6.7)
Crane	• 138 HSL(QSB6.7), 228 HSL(QSB6.7), 238 HSL(QSB6.7), HTC 8660 SL(QSM11), HTC 8675 Series II(QSX15), HTC 8690 LB(ISX12), HTC 8690 LB(QSX15), HTC 8690(ISX12), HTC 8690(QSX15), 138 HSL(QSB6.7 CM2350), 218 V(QSB6.7), 228 HSL(QSB6.7 CM2350), 238 HSL(QSB6.7 CM2350), 248 HSL(QSB6.7), 298 HSL(QSL9), 348 HSL(QSL9), TCC 1200(QSL9), TCC 1400(QSL9), TCC 2500(QSL9), TCC 500(QSL9), TCC 750(QSB6.7), TCC 800(QSB6.7)
Telescopic Crane	• HTT 86100(QSX15), HTT 86100(X12), HTT 86110(QSX15), HTT 86110(X12), HTT 8675(QSX15), HTT 8675(X12)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Liugong

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liugong Off-Highway 2010 and newer models:

Equipment Type	Supported On
Cold Planer	• 5100-2(QSB5.9)

Equipment Type	Supported On
Wheel Loader	• 886H(QSM11), 890H(QSM11), 890H(X12)
Excavator	• 945E(QSM11), 950E(QSG12), 950E(X12), 950F(X12), 970E(QSX15)
Mining Truck	• DR50C(QSX15), DW90A(QSM11)
Directional Drill	• RD45A-CS(QSC8.3), SD36A(QSM11), SH32(QSM11), SH36C(QSM11), SH39(QSM11), SH46A(QSX15)
Diaphragm Wall Grab	• SG50A(QSM11), SG70(QSM11)
Trencher	• SX40A(QSM11), SX50(QSX15)
Dozer	• 230C(B6.7)
Paver	• 509A(QSB6.7)
Vibratory Roller	• 6212E(QSB4.5), 6213E(QSB4.5), 6214E(QSB4.5), 6520E(QSB4.5), 6612E(QSB4.5)
Wheel Loader	• CLG856H(QSB6.7), 848H(QSB6.7), 856H(B6.7), 856H(QSL9), 862H(QSL9), 870H(QSL9), 877H(L9)
Excavator	• 913E(QSF3.8), 915E(QSB4.5), W915E(QSB4.5), 936E(QSL), 939E(L9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Manitowoc

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Manitowoc Off-Highway 2010 and newer models:

Equipment Type	Supported On
Crane	• 1015(QSX15), 15000(QSM11), 16000(QSX15), 18000(QSX15), 2250(QSX15), 31000(QSX15), 777(QSC8.3), 888(QSM11), 999(QSM11), MLC300(QSG12), MLC650(QSX15), 14000(QSL9),
Wheel Loader	• 555(QSL9)

Equipment Type	Supported On
Crane	• MLC100(QSB6.7), MLC100A(QSB6.7), MLC150(QSB6.7), MLC165(QSB6.7), MLC80A(QSB6.7), MLC90A(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

New Holland CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following New Holland CE Off-Highway 2010 and newer models:

Equipment Type	Supported On
Dozer	• D350(QSM11)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Pettibone

- Bi-Directional support for Cummins engines, reading proprietary diagnostic fault codes, event codes, and data for the following Pettibone Off-Highway 2010 and newer models:

Equipment Type	Supported On
Telehandler	• 1056x (QSF3.8), 1246x (QSF3.8), 1256x (QSF3.8), 1544x (QSF3.8), T944x (QSF3.8), T1056X (QSF3.8), T1246X (QSF3.8), T1256X (QSF3.8), 445F2 (QSF3.8)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Sakai

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sakai Off-Highway 2010 and newer models:

Equipment Type	Supported On
Vibratory Roller	• SV414D(QSF2.8), SV414T(QSF2.8), SV544D(QSF3.8), SV544T(QSB4.5)
Tandem Roller	• SW994(QSF3.8)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Sany

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sany Off-Highway 2010 and newer models:

Equipment Type	Supported On
Crane	• SCC3500A(QSM11)
Cold Planer	• SCM600-3(QSX15)
Grader	• SMG200C-6(QSC8.3), SAG200C-6(QSB6.7)
Combination Roller	• SPR260C-6(QSB5.9), SPR300C-6(QSB5.9)
Asphalt Pavers	• SAP60C-7(QSB4.5)
Crane	• SCC1350A(QSL9), SCC2600A(QSL9)
Grader	• SMG180C-6(QSB6.7), SMG200C-6(QSB6.7)
Vibratory Roller	• SSR100C-6(QSB4.5), SSR120C-6(QSB4.5)
Excavator	• SY215C(QSB6.7), SY215CLC(QSB6.7), SY225C(QSB6.7), SY235CLC(QSB6.7), SY265C(QSB6.7), SY305C LC(QSL9), SY335C LC(QSL9), SY365C(QSL9), SY390H(QSL9, SY500H(QSG12)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Sennebogen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sennebogen Off-Highway 2010 and newer models:

Equipment Type	Supported On
Crane	- 6100E (QSX15), 690 HD(QSM11), 690 HD(QSX15), 1100(QSB6.7), 1100E(QSB6.7)
Cycle Crane	- 640(B6.7), 624(B6.7),730(QSB6.7), 738 M(QSB6.7),818 M(QSB4.5), 821R E(B4.5), 824 G(B4.5), 825 M(QSB6.7)
Material Handler	- 8100(QSB4.5), 8130 EQ(QSB4.5), 8160 EQ(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Tadano Faun

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Tadano Faun Off-Highway 2010 and newer models:

Equipment Type	Supported On
Crane	- GTC-350(QSB4.5), GTC-600(QSB6.7), GTC-800(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Terex

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Terex Off-Highway 2010 and newer models:

Equipment Type	Supported On
All Terrain Crane	- MAC 50(QSC)
Skid Steer	- R265T(QSF2.8)

Equipment Type	Supported On
Articulated Dump Truck	• TA 251(QSM11), TA 27-7(QSM11), TA 300(QSM11), TA 30-7(QSM11), TA25-7(QSC8.3), TA25-7(QSM11), TA 27-7(QSL9)
Wheel Loader	• TL 420(QSM11), TL 450(QSM11)
Rock Truck	• TR 35(QSM11)
Crane	• T340-1(QSC8.3), 1065(QSB6.7), 1075(QSB6.7), 1100(QSB6.7), RT 130(QSL9), RT 230(QSB4.5), RT 555(QSB6.7), RT 670(QSB6.7), T 340-1 XL(L9)
Rough Terrain Crane	• RT 780(QSB6.7)
Hydraulic Excavator	• TC 210 LC(QSB6.7), TC 210(QSB6.7), TC 240 LC(QSB6.7), TC 240(QSB6.7), TC 260 LC(QSB6.7), TC 260(QSB6.7)
Wheel Loader	• TL 210(QSB6.7), TL 260(QSB6.7), TL 310(QSB6.7)
Excavator	• TW 190(QSB6.7), TW 240(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Tiger Cat

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Tiger Cat Off-Highway 2010 and newer models:

Equipment Type	Supported On
Loader	• 234(QSB6.7), 845(QSB6.7)
Material Handler	• 600D(QSB6.7)
Mulcher	• M700 SERIES(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vermeer Off-Highway 2010 and newer models:

Equipment Type	Supported On
Chipper	• BC1200XL(QSB3.3), BC2100XL(QSB6.7)
Tractor	• FT100(QSF3.8), FT300(QSL9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Wirtgen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wirtgen Off-Highway 2010 and newer models:

Equipment Type	Supported On
Cold Planer	• W 100 XFI(QSL9), W 120 XFI(QSL9), W 120 XTI(QSL9), W 130 XFI(QSL9), W 150 CFI(QSL9), W 250I(QSL9), W 200 FI(QSX15), W 200 HI(QSX15), W 207 FI(QSX15), W 250I(QSX15)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Wollard

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wollard Off-Highway 2013 and newer models:

Equipment Type	Supported On
Passenger Stair	• CMPS 170(B3.3), CMPS 228(B3.3), TML 704(B3.3)
Tug	• M 100(QSB3.3)
Conventional Pushback Tractor	• M 60(QSF2.8)
Loader	• TC 1000(B3.3)

Equipment Type	Supported On
Tug	• M 100(QSB4.5)
Conventional Pushback Tractor	• M 140(QSB4.5), M 200(QSB4.5), M 400(QSB6.7), MB 2(QSB6.7), MB 4(QSB4.5), MB 4(QSB6.7)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

XCMG

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following XCMG Off-Highway 2013 and newer models:

Equipment Type	Supported On
Wheel Loader	• LW1100KN(QSX15), LW1200KN(QSX15), LW600K(QSC8.3), LW700KV(QSM11), LW800K(QSM11), LW800KN(QSM11), LW820G(QSM11), LW900KN(QSM11)
Grader	• GR135C(QSB4.5), GR180C(QSB6.7), GR300(QSL9)
Rough Terrain Crane	• RT100(QSL9), RT120E(QSL9), RT200E(QSL9), RT25(QSB6.7), RT35(QSB6.7), RT40E(QSB6.7), RT50(QSB6.7), RT50A(QSB6.7), RT55E(QSB6.7), RT55U(QSB6.7), RT60(QSB6.7), RT60A(QSB6.7), RT70E(QSB6.7), RT70U(QSB6.7), RT80(QSL9), RT90E(QSL9), RT90U(QSL9)
Backhoe Loader	• XC870HK(QSB4.5), XC870K(QSB4.5)
Vibratory Roller	• XD121(QSF3.8), XS142(B5.9), XS162(B5.9), XS182(B5.9), XS202(B5.9), XS222(B5.9)
Excavator	• XE210C(QSB6.7), XE250C(QSB6.7), XE300U(QSB6.7)
Crane	• QUY80(QSC8.3), XG500(QSM11), XGC100(QSC8.3), XGC300(QSM11), XGC400(QSM11), XGC650(QSX15), QUY150(QSL9), QUY250(QSL9), QUY260(QSL9), QUY280(QSL9), QUY70(QSB6.7), XG360(QSL9), XGC130(QSL9), XGC260(QSL9),

Equipment Type	Supported On
	XGC55(QSB6.7), XE470C(QSM11), XE470CK(QSM11), XE470U(QSM11), XE490CH(X12), XE490CK(X12), XE490U(X12), XE500C(QSM11), XE500CA(QSM11), XE500D(QSM11), XE700C(QSX15), XE700D(QSX15), XE900C(QSX15), XE900D(QSX15)
Directional Drill	• XMZ130(QSB6.7), XMZ160(QSB6.7), XR180D(QSB6.7), XR180D-II(QSB6.7), XR220(QSL9), XR220A(QSL9), XR220D(QSL9), XR220D-II(QSL9), XR260D(QSL9), XM200(QSX15), XR120D(B5.9), XR200(QSM11), XR250(QSM11), XR280(QSM11), XR280D(QSM11), XR280D-II(QSM11), XR320D(QSM11), XR360(QSM11), XR400D(QSX15), XR400E(QSX15), XR460D(QSX15), XRS1050(QSM11), XZ260(QSB5.9), XDY2000(X12)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

ZoomLion

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ZoomLion Off-Highway 2013 and newer models:

Equipment Type	Supported On
Diaphragm Wall Grab	• ZDG650(QSM11)
Excavator	• ZE135E(QSF3.8), ZE135E-10F(QSF3.8), ZE155E-10(QSF3.8), ZE480E(QSM11), ZE700E(QSX15), ZR220A(QSL9)
Directional Drill	• ZR280C(QSM11), ZR360C(QSM11), ZR360L(QSM11)
Rough Terrain Crane	• RT25(QSB6.7), RT35(QSB6.7), RT60(QSB6.7), RT61(QSB6.7), RT65(QSB6.7), RT75(QSB6.7), RT100(QSC8.3), RT110(QSC8.3)
Trencher	• RT80(QSB6.7)

Equipment Type	Supported On
Crane	• QUY180(QSL9), ZCC1300(QSL9), ZCC2600(QSL9)

NOTE: Cummins 3-pin or 9-pin off-highway cables are required.

NOTE: The models listed above are verified to work in JPRO. Users may be able to connect to additional models and attain partial or complete coverage functionality.

Off-Highway Support for Deutz

- Supports reading and clearing SAE faults

- Supports reading proprietary sensor data for the listed Deutz engines:

  o EMR 3 - EDC 16 UC40, Electronic Diesel Control, Common Rail

  o EMR 3 - EDC 7 UC31, Electronic Diesel Control, Common Rail

  o EMR 4 - EDC 17 CV52, Electronic Diesel Control, Common Rail

  o EMR 4 - EDC 17 CV54, Electronic Diesel Control, Common Rail

  o EMR 4 - EDC 17 CV56, Electronic Diesel Control, Common Rail

NOTE: Deutz 12-pin Off-Highway cable is required.

Ahlmann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ahlmann Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loaders	• 2008 – Current
	  o AZ 150E
	    ✓ EMR3 – EDC 7 UC31
	  o AZ 210
	    ✓ EMR3 – EDC 7 UC31
	• 2010 – Current
	  o AZ 150E
	    ✓ EMR3 – EDC 16 UC40
	  o AZ 210
	    ✓ EMR3 – EDC 16 UC40
	• 2014 – Current
	  o AF 1050

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52
	o AF 1200
	✓ EMR4 - EDC 17 CV52
	o AT 1050 TELE
	✓ EMR4 - EDC 17 CV52
	o AT 900 TELE
	✓ EMR4 - EDC 17 CV52
	o AZ 150F
	✓ EMR4 - EDC 17 CV52
	o AZ 210F
	✓ EMR4 - EDC 17 CV52
	o AZ 55F
	✓ EMR4 - EDC 17 CV54
	o AZ 75F
	✓ EMR4 - EDC 17 CV52
	o AZ 95E
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o AZ 95F
	✓ EMR4 - EDC 17 CV52
	• 2019 – 2025
	o AX
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o AZ 210F
	✓ EMR4 - EDC 17 CV56

Ammann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ammann Off-Highway equipment types and models:

Equipment Type	Supported On

Asphalt Pavers	• 2014 – Current
	 o AFT 200-2
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o AFT 300-2
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o AFT 400-2
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o AFT 400-3
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Drum Roller	• 2013 – 2022
	o ASC 110
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV56

Pneumatic Roller	• 2014 - Current
	o ARS 150
	   ✓ EMR4 - EDC 17 CV52
	o ARS 170
	   ✓ EMR4 - EDC 17 CV52
	• 2020 - Current
	o ARS 150
	   ✓ EMR4 - EDC 17 CV56
	o ARS 170
	   ✓ EMR4 - EDC 17 CV56

Soil Compactor	• 2014 – Current
	o AFW 400-3
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARP 95
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARP 95C
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARS 110
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o ARS 130
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o ARX 110
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o ARX 110C
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o ARX 110K
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Tandem Roller	• 2008 - Current
	o AFW 400-2
	  ✓ EMR3 - EDC 7 UC31
	o AFW 400-3
	  ✓ EMR3 - EDC 7 UC31
	o ARS 200
	  ✓ EMR3 - EDC 7 UC31
	o ARS 220
	  ✓ EMR3 - EDC 7 UC31
	• 2010 - Current
	o AFW 400-2
	  ✓ EMR3 - EDC 16 UC40
	o AFW 400-3
	  ✓ EMR3 - EDC 16 UC40
	o ARS 200
	  ✓ EMR3 - EDC 16 UC40
	o ARS 220
	  ✓ EMR3 - EDC 16 UC40
	• 2014 - Current
	o AFW 400-2
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o ARS 200
	   ✓ EMR4 - EDC 17 CV52
	o ARS 220
	   ✓ EMR4 - EDC 17 CV52
	o ART 240
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARS 280
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARX 90
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARX 90C
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o ARX 90K
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 - Current
	o ARS 200
	   ✓ EMR4 - EDC 17 CV56
	o ARS 220
	   ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Armatrac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Armatrac Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 - Current
	o 1104 LUX SERIES
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 1254 LUX CRD4
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	 o 804.4 LUX SERIES
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

ASV

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ASV Off-Highway equipment types and models:

Equipment Type	Supported On

Compact Track Loader	• 2007 – 2014
	 o RT 65
	    ✓ EMR4 - EDC 17 CV54
	 • 2014 – Current
	 o RT 75
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	 o VT 70
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Atlas

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Atlas Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2014 – Current
	 o 170LC Series
	    ✓ EMR4 - EDC 17 CV52
	 o 190LC Series
	    ✓ EMR4 - EDC 17 CV52
	 • 2020 – Current

Equipment Type	Supported On

	o 160LC Series
	  ✓ EMR4 - EDC 17 CV56
	o 170LC Series
	  ✓ EMR4 - EDC 17 CV56
	o 210LC Series
	  ✓ EMR4 - EDC 17 CV56
	o 340LC Series
	  ✓ EMR4 - EDC 17 CV56

Material Handler	• 2010 – Current
	o 350MHE Series
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o 160MH Series
	  ✓ EMR4 - EDC 17 CV52
	o 180MH Series
	  ✓ EMR4 - EDC 17 CV52
	o 200MH Series
	  ✓ EMR4 - EDC 17 CV52
	o 350MHE Series
	  ✓ EMR4 - EDC 17 CV52
	o 520MH Series
	  ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o 400MHE Series
	  ✓ EMR4 - EDC 17 CV56

Railroad Excavator	• 2014 - Current
	o 1400ZW Series
	  ✓ EMR4 - EDC 17 CV52
	o 1600ZW Series
	  ✓ EMR4 - EDC 17 CV52

Wheel Excavator	• 2010 – Current
	o 150W Series
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o 140W Series
	  ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o 150W Series
	   ✓ EMR4 - EDC 17 CV52
	o 160W Series
	   ✓ EMR4 - EDC 17 CV52
	o 160WSR Series
	   ✓ EMR4 - EDC 17 CV52
	o 180WSR Series
	   ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o 180WSR Series
	   ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

AUSA

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following AUSA Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• 2014 – Current
	o D1000 AP
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o D1000 APG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o D1001 APG
	   ✓ EMR4 - EDC 17 CV52
	o D600 AP
	   ✓ EMR4 - EDC 17 CV52
	o D601 AHG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o D601 APG
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o DR1001 AHG
	    ✓ EMR4 - EDC 17 CV52
	o DR601 AHG
	    ✓ EMR4 - EDC 17 CV52

Compact Track Loader	• 2014 – Current
	o C500 H
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	o C501 H
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Basak

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Basak Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	• 2014 – Current o 5120 (RED POWER) ✓ EMR4 - EDC 17 CV54
Landfill Compactor	• 2021– 2025 o 5095 ✓ EMR4 - EDC 17 CV52

Tractor	• 2014 – Current
	o 5115
	    ✓ EMR4 - EDC 17 CV52
	o 5120 (RED POWER)
	    ✓ EMR4 - EDC 17 CV52
	• 2017 – 2025
	o 5105
	    ✓ EMR4 - EDC 17 CV52
	• 2022 – 2025

Equipment Type	Supported On
	o 5075 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Belarus-MTZ

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Belarus-MTZ Off-Highway equipment types and models:

Equipment Type	Supported On
Loader	• 2012 – 2016 o 3000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 • 2012 – 2024 o 2000 Series ✓ EMR3 - EDC 16 UC40
Pneumatic Roller	• 2014 – 2024 o 1000 Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31
Tractor	• 2008 – Current o 900 Series ✓ EMR3 - EDC 7 UC31 • 2010 – Current o 1500 Series ✓ EMR3 - EDC 16 UC40 o 900 Series ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Bobcat

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bobcat Off-Highway equipment types and models:

Equipment Type	Supported On
Compact Track Loader	2008 – Current - TL300 Series ✓ EMR3 - EDC 7 UC31 - TL400 Series ✓ EMR3 - EDC 7 UC31 2010 – Current - TL300 Series ✓ EMR3 - EDC 16 UC40 - TL400 Series ✓ EMR3 - EDC 16 UC40 2014 – Current - TL300 Series ✓ EMR4 - EDC 17 CV54 - TL400 Series ✓ EMR4 - EDC 17 CV54
Telescopic Crane	2008 – Current - T40000 Series ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2010 – Current - T40000 Series ✓ EMR3 - EDC 16 UC40 2014 – Current - T40000 Series ✓ EMR4 - EDC 17 CV54 - TR40000 Series ✓ EMR4 - EDC 17 CV52 - TR50000 Series ✓ EMR4 - EDC 17 CV52 - TR60000 Series ✓ EMR4 - EDC 17 CV52
Telescopic Loader	2008 – Current

Equipment Type	Supported On

	o TL35000 Series
	   ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	   o TL35000 Series
	     ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Bomag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bomag Off-Highway equipment types and models:

Equipment Type	Supported On

Asphalt Pavers	• 2008 – Current
	  o BF 800 Series
	   ✓ EMR3 - EDC 7 UC31
	  o BF 900 Series
	   ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o BF 800 Series
	   ✓ EMR3 - EDC 16 UC40
	  o BF 900 Series
	   ✓ EMR3 - EDC 16 UC40

Compactor	• 2014 – Current
	  o BW 100 Series
	   ✓ EMR4 - EDC 17 CV52
	  o BW 200 Series
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	  o BW 200 Series
	   ✓ EMR4 - EDC 17 CV56

Landfill Compactor	• 2008 – Current
	  o BC 1000 Series
	   ✓ EMR3 - EDC 7 UC31
	  o BC 400 Series
	   ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
	- BC 500 Series - EMR3 - EDC 7 UC31 - BC 600 Series - EMR3 - EDC 7 UC31 - BC 700 Series - EMR3 - EDC 7 UC31 - BC 900 Series - EMR3 - EDC 7 UC31 • 2010 – Current - BC 1000 Series - EMR3 - EDC 16 UC40 - BC 400 Series - EMR3 - EDC 16 UC40 - BC 500 Series - EMR3 - EDC 16 UC40 - BC 600 Series - EMR3 - EDC 16 UC40 - BC 700 Series - EMR3 - EDC 16 UC40 - BC 900 Series - EMR3 - EDC 16 UC40
Motor Grader	• 2008 – Current - BW 200 Series - EMR3 - EDC 7 UC31 - BW 27RH Series - EMR3 - EDC 7 UC31 • 2010 – Current - BW 200 Series - EMR3 - EDC 16 UC40 - BW 27RH Series - EMR3 - EDC 16 UC40 • 2014 – Current - BM 500 Series - EMR4 - EDC 17 CV52 - BM 600 Series - EMR4 - EDC 17 CV52 - BW 200 Series

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52
	○ BW 27RH Series
	    ✓ EMR4 - EDC 17 CV52
	○ BW 28RH Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ BM 500 Series
	    ✓ EMR4 - EDC 17 CV56
	○ BM 600 Series
	    ✓ EMR4 - EDC 17 CV56
	○ BW 27RH Series
	    ✓ EMR4 - EDC 17 CV56

Soil Stabilizer	• 2008 – Current
	○ RS 600 Series
	    ✓ EMR3 - EDC 7 UC31
	• 2010 - Current
	○ RS 600 Series
	    ✓ EMR3 - EDC 16 UC40
	• 2014 - Current
	○ RS 600 Series
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Bulmor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bulmor Off-Highway equipment types and models:

Equipment Type	Supported On

Vibratory Compact	• 2014 – Current
	○ DQ 60-80 Series
	    ✓ EMR4 - EDC 17 CV54
	○ DQN 40-50 Series
	    ✓ EMR4 - EDC 17 CV54
	○ DQR 50-80 Series

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Cabela's

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Cabella's Off-Highway equipment types and models:

Equipment Type	Supported On
Dozer	2014 – Current - LM75 ✓ EMR4 - EDC 17 CV54
Pneumatic Roller	2014 – Current - LM75 ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Carraro

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Cabella's Off-Highway equipment types and models:

Equipment Type	Supported On
Dozer	2014 – Current - Compact Series, Engine: Tier 5/Stage V ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Case CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Case CE Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2014 – Current

Equipment Type	Supported On

	o DV 200 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Soil Compactor	• 2014 – Current
	o SV 200 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o SV 210 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV56
	• 2020 – Current
	o SV 210 Series
	   ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Caterpillar

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Caterpillar Off-Highway equipment types and models:

Equipment Type	Supported On

Smooth Drum	• 2014 – Current
	o TH 400 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 2014 – Current
	o TH 200 Series
	   ✓ EMR4 - EDC 17 CV54
	o TH 300 Series
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

CLAAS

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CLAAS Off-Highway equipment types and models:

Equipment Type	Supported On
Telescopic Loader	2010 – Current - Scorpion Series, Engine: Tier 1/Stage I-Tier 3/Stage III ✓ EMR3 - EDC 16 UC40 2014 – Current - Scorpion Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - Scorpion Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2020 – Current - Scorpion Series, Engine: Final Tier 4/Stage IV ✓ EMR4 - EDC 17 CV56 - Scorpion Series, Engine: Interim Tier 4/Stage IIIB ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Clark

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Clark Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current - C 40-55S ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - C 60-80 ✓ EMR4 - EDC 17 CV52

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54 ○ C 60D-80D ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

CombiLift

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	○ C-10000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ C-12000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ C-14000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ C-17000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ C-22000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ C-26000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ SL-10000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ SL-12000 Series
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
	○ SL-4000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ SL-5000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ SL-6000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ SL-9000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Deutz

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Deutz Off-Highway equipment types and models:

Equipment Type	Supported On

Engine	• 2008 – Current
	○ TCD 2012 L04
	  ✓ EMR3 - EDC 16 UC40
	  ✓ EMR3 - EDC 7 UC31
	○ TCD 2012 L06
	  ✓ EMR3 - EDC 16 UC40
	  ✓ EMR3 - EDC 7 UC31
	○ TCD 2013 L04
	  ✓ EMR3 - EDC 16 UC40
	  ✓ EMR3 - EDC 7 UC31
	○ TCD 2013 L06
	  ✓ EMR3 - EDC 16 UC40
	• 2010 – Current
	○ TCD 2013 L06
	  ✓ EMR3 - EDC 7 UC31
	• 2013 – Current

Equipment Type	Supported On

	o TCD 3.6
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TCD 4.1
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV56
	o TCD 6.1
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV56
	o TCD 7.8
	  ✓ EMR4 - EDC 17 CV52
	o TCD 2.2
	  ✓ EMR4 - EDC 17 CV54
	o TCD 2.9
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TCD 3.6
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2014 – Current
	o D 2.9
	  ✓ EMR4 - EDC 17 CV52
	o TCD 12.0
	  ✓ EMR4 - EDC 17 CV52
	o TCD 16.0
	  ✓ EMR4 - EDC 17 CV52
	o TCD 2.2
	  ✓ EMR4 - EDC 17 CV54
	o TCD 2.9
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o TCD 2013 L06
	  ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Deutz-Fahr

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Deutz Off-Highway equipment types and models:

Equipment Type	Supported On

Crawler Loader	- 2013 – Current
	  o AGROTRON 600 TTV Series
	     ✓ EMR3 - EDC 16 UC40

Telescopic Loader	- 2013 – Current
	  o AGROVECTOR Series
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31

Tractor	- 2007 – 2012
	  o 6 Series
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV56
	- 2008 – Current
	  o 6 G Series
	     ✓ EMR3 - EDC 7 UC31
	  o 6 W Series
	     ✓ EMR3 - EDC 7 UC31
	- 2010 – Current
	  o 6 G Series
	     ✓ EMR3 - EDC 16 UC40
	  o 6 W Series
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31
	- 2013 – Current
	  o 5 C Series
	     ✓ EMR4 - EDC 17 CV54
	  o 5 P Series
	     ✓ EMR4 - EDC 17 CV54
	  o 5 Series
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 5 TTV Series
	   ✓ EMR4 - EDC 17 CV54
	o ARGOFARM 400 TTV Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOFARM Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOTRON 1000 TTV Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOTRON 400 TTV Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOTRON K Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOTRON L Series
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	o ARGOTRON M Series
	   ✓ EMR3 - EDC 16 UC40
	o ARGOTRON X Series
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	• 2014 – Current
	o 6 C Series
	   ✓ EMR4 - EDC 17 CV52
	o 6 C TTV Series
	   ✓ EMR4 - EDC 17 CV52
	o 6 TTV Series
	   ✓ EMR4 - EDC 17 CV52
	o 7 ST Series
	   ✓ EMR4 - EDC 17 CV52
	o 7 TTV Series
	   ✓ EMR4 - EDC 17 CV52
	o 8 TTV Series
	   ✓ EMR4 - EDC 17 CV52
	o 9 TTV Series
	   ✓ EMR4 - EDC 17 CV52
	• 2019 – 2024
	o 7 Series
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	• 2020 – Current
	   o 6 P Series
	      ✓ EMR4 - EDC 17 CV56
	   o 6 TTV Series
	      ✓ EMR4 - EDC 17 CV56
	   o 6.4 Series
	      ✓ EMR4 - EDC 17 CV56
	   o 6.4 TTV Series
	      ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Ditch Witch

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ditch Witch Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Truck	• 2020 – Current
	   o FXT50 AIR
	      ✓ EMR4 - EDC 17 CV54
	   o FXT65
	      ✓ EMR4 - EDC 17 CV52

Directional Drill	• 2014 – Current
	   o JT10
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o JT20
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

Mini Excavator	• 2017 – 2024
	   o RT80
	      ✓ EMR4 - EDC 17 CV52

Skid Steer Loader	• 2017 – 2024
	   o RT120
	      ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
Trencher	2014 – Current - RT105 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT120 QUAD ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT125 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT45 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - RT80 QUAD ✓ EMR4 - EDC 17 CV54 2017 – 2024 - RT120 ✓ EMR4 - EDC 17 CV52 - RT80 ✓ EMR4 - EDC 17 CV54
Vacuum Excavator	2014 – Current - FX50 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FX65 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FXT50 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - FXT50 AIR ✓ EMR4 - EDC 17 CV52 - FXT65 ✓ EMR4 - EDC 17 CV54 - FXT65 AIR ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Dynapac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dynapac Off-Highway equipment types and models:

Equipment Type	Supported On
Asphalt Pavers	2014 – Current - SD 1000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2023 – 2024 - F 1000 Series ✓ EMR4 - EDC 17 CV54
Combination Roller	2014 – Current - CS 1000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Tandem Roller	2014 – Current - CO 2000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Vibratory Roller	2012 – 2016 - CA 3000 Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 17 UC31 2012 – 2024 - CA 4000 Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 17 UC31 - CA 6000 Series ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 17 UC31 2014 – Current - CG 2000 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On
	2014 – 2024 - CA 1000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - CC 2000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - CC 3000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 2023 – 2024 - CA 5000 Series - EMR3 - EDC 16 UC40 - EMR3 - EDC 17 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Epiroc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Epiroc Off-Highway equipment types and models:

Equipment Type	Supported On
Directional Drill	2008 – Current - Boomer E - EMR3 - EDC 17 UC31 - Boomer E10 - EMR3 - EDC 17 UC31 - Boomer E2 - EMR3 - EDC 17 UC31 - Boomer E20 - EMR3 - EDC 17 UC31 - Boomer L - EMR3 - EDC 17 UC31 - Boomer M - EMR3 - EDC 17 UC31 - Boomer M20 - EMR3 - EDC 17 UC31

Equipment Type	Supported On
	o Boomer S1
	✓ EMR3 - EDC 17 UC31
	o Boomer XE WE
	✓ EMR3 - EDC 17 UC31
	o Boomer XL3D
	✓ EMR3 - EDC 17 UC31
	o SIMBA E7
	✓ EMR3 - EDC 7 UC31
	o SIMBA E70S
	✓ EMR3 - EDC 17 UC31
	o SIMBA M4
	✓ EMR3 - EDC 17 UC31
	o SIMBA M6
	✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o Boomer E
	✓ EMR3 - EDC 16 UC40
	o Boomer E10
	✓ EMR3 - EDC 16 UC40
	o Boomer E2
	✓ EMR3 - EDC 16 UC40
	o Boomer E20
	✓ EMR3 - EDC 16 UC40
	o Boomer L
	✓ EMR3 - EDC 16 UC40
	o Boomer M
	✓ EMR3 - EDC 16 UC40
	o Boomer M20
	✓ EMR3 - EDC 16 UC40
	o Boomer S1
	✓ EMR3 - EDC 16 UC40
	o Boomer XE WE
	✓ EMR3 - EDC 16 UC40
	o Boomer XL3D
	✓ EMR3 - EDC 16 UC40
	o SIMBA E70S

- ✓ EMR3 - EDC 16 UC40
  - ○ SIMBA M4
    - ✓ EMR3 - EDC 16 UC40
  - ○ SIMBA M6
    - ✓ EMR3 - EDC 16 UC40
  - ○ SIMBA S7
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - ○ Boomer 281
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer 282
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer E
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer E10
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer E2
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer E20
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer L
    - ✓ EMR4 - EDC 17 CV52
  - ○ Boomer M
    - ✓ EMR4 - EDC 17 CV52
  - ○ Boomer M1L
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer M20
    - ✓ EMR4 - EDC 17 CV52
  - ○ Boomer S1
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - ○ Boomer S10S

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o Boomer S2
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Boomer T1
	✓ EMR4 - EDC 17 CV54
	o Boomer XE WE
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Boomer XL3D
	✓ EMR4 - EDC 17 CV54
	o DIAMEC 6M
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SIMBA 1354
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SIMBA E70S
	✓ EMR4 - EDC 17 CV52
	o SIMBA M4
	✓ EMR4 - EDC 17 CV54
	o SIMBA M6
	✓ EMR4 - EDC 17 CV52
	o SIMBA S7
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o Boomer E10
	✓ EMR4 - EDC 17 CV56
	o Boomer E2
	✓ EMR4 - EDC 17 CV56
	o Boomer E20
	✓ EMR4 - EDC 17 CV56
	o Boomer L
	✓ EMR4 - EDC 17 CV56
	o Boomer M
	✓ EMR4 - EDC 17 CV56
	o Boomer M20

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV56
	o Boomer XE WE
	  ✓ EMR4 - EDC 17 CV56
	o SIMBA E70S
	  ✓ EMR4 - EDC 17 CV56
	o SIMBA M6
	  ✓ EMR4 - EDC 17 CV56
	o SIMBA S7
	  ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2008 – Current
	o SCOOPTRAM ST3.5
	  ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o SCOOPTRAM ST3.5
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o SCOOPTRAM ST2
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o SCOOPTRAM ST3.5
	  ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Erkunt

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Erkunt Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2008 – Current
	o HAÅžMET 110 LÃœeKS CRD
	  ✓ EMR3 - EDC 17 UC31
	o KUDRET 100 LÃœeKS CRD
	  ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o HAÅžMET 110 LÃœeKS CRD

Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	o KUDRET 100 LÃœKS CRD
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o HASRET 125 LÃœKS CRD4
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o KUDRET 105 LÃœKS CRD4
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o KUVVET 130 LÃœKS CRD4
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Faresin

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Faresin Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	o 17.45 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 17.45 HLS 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 17.45 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV56
	o 17.45 HLS 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV56

Loader	• 2014 – Current
	o 11.35 HLS 74 (Middle Range)
	  ✓ EMR4 - EDC 17 CV54
	o 11.35 VPSE 100 (Middle Range)
	  ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 14.42 Classic 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 14.42 HLS 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 11.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 11.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV56
	o 14.42 Classic 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV56

Telescopic Loader	• 2008 – Current
	o FH Series, Engine: Tier 3/Stage III
	   ✓ EMR3 - EDC 17 UC31
	• 2010 – Current
	o FH Series, Engine: Tier 3/Stage III
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o 10.65 Classic 74 (Heavy-Duty Range)
	   ✓ EMR4 - EDC 17 CV54
	o 11.35 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV54
	o 11.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	o 11.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	o 17.40 HLS 74 (Big Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30C Classic 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30C HLS 74 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 7.30C VPS 100 (Compact Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.30E VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.35 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 7.45 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 Classic 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 HLS 74 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 8.40 VPSE 100 (Middle Range)
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o 9.30 Classic 74 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30 HLS 74 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30 VPSE 100 (Middle Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C Classic 74 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C HLS 74 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.30C VPS 100 (Compact Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 HLS 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.40 VPSE 100 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 9.60 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 10.65 Classic 74 (Heavy-Duty Range)
	✓ EMR4 - EDC 17 CV56
	o 11.35 Classic 74 (Middle Range)
	✓ EMR4 - EDC 17 CV56
	o 17.40 Classic 74 (Big Range)
	✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o 17.40 HLS 74 (Big Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30C Classic 74 (Compact Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30C HLS 74 (Compact Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30C VPS 100 (Compact Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30E Classic 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30E HLS 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.30E VPSE 100 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.35 Classic 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.35 HLS 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.35 VPSE 100 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.45 Classic 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.45 HLS 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 7.45 VPSE 100 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 8.40 Classic 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 8.40 HLS 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 8.40 VPSE 100 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 9.30 Classic 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 9.30 HLS 74 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56
	o 9.30 VPSE 100 (Middle Range)
	    ✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o 9.30C Classic 74 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.30C HLS 74 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.30C VPS 100 (Compact Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.40 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.60 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 Classic 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 9.70 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2014 – Current
	o 10.65 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 10.65 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 11.35 Classic 74 (Middle Range)
	  ✓ EMR4 - EDC 17 CV52
	o 17.40 Classic 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	• 2020 – Current

Equipment Type	Supported On

	o 10.65 HLS 74 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 10.65 VPSE 100 (Heavy-Duty Range)
	  ✓ EMR4 - EDC 17 CV56
	o 14.42 HLS 74 (Big Range)
	  ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fendt

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fendt Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2014 – Current
	  o 900 VARIO Series, Engine: Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52

Force Feed Loader	• 2014 – Current
	  o 800 VARIO Series, Engine: Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52

Knuckle Boom	• 2014 – Current
	  o 800 VARIO Series, Engine: Tier 5/Stage V
	    ✓ EMR4 - EDC 17 CV52

Motor Grader	• 2014 – Current
	  o 800 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV52

Tractor	• 2014 – Current
	  o 500 VARIO Series (Power/PowerPlus), Engine: Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52
	  o 500 VARIO Series (Power/PowerPlus), Engine: Interim Tier 5/Stage V
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	o 500 VARIO Series (Profi/ProfiPlus), Engine: Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV52
	o 500 VARIO Series (Profi/ProfiPlus), Engine: Tier 5/Stage V
	✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Power/PowerPlus), Engine: Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Power/PowerPlus), Engine: Tier 5/Stage V
	✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Profi/ProfiPlus), Engine: Final Tier 4/Stage IV
	✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series (Profi/ProfiPlus), Engine: Tier 5/Stage V
	✓ EMR4 - EDC 17 CV52
	o 700 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV52
	o 900 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o 300 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV56
	o 500 VARIO Series (Power/PowerPlus), Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV56
	o 500 VARIO Series (Profi/ProfiPlus), Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV56
	o 700 VARIO Series, Engine: Interim Tier 4/Stage IIIB
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fenwick

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fenwick Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	- 2008 – Current
	   o 396 Series (H50-H80)
	      ✓ EMR3 - EDC 7 UC31
	- 2010 – Current
	   o 396 Series (H50-H80)
	      ✓ EMR3 - EDC 16 UC40
	- 2014 – Current
	   o 1202 Series (H20-H35)
	      ✓ EMR4 - EDC 17 CV54
	- 2020 – Current
	   o 396 Series (H50-H80)
	      ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Fuchs

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Fuchs Off-Highway equipment types and models:

Equipment Type	Supported On

Material Handler	- 2008 – Current
	   o MHL350 Series
	      ✓ EMR3 - EDC 7 UC31
	- 2014 – Current
	   o 340F Series
	      ✓ EMR4 - EDC 17 CV52
	   o 350F Series
	      ✓ EMR4 - EDC 17 CV52
	   o AHL350 Series
	      ✓ EMR4 - EDC 17 CV52
	   o MHL310 Series
	      ✓ EMR4 - EDC 17 CV52
	   o MHL3120 Series

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52
	o MHL330 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL340 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL350 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL360 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL370 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL380 Series
	  ✓ EMR4 - EDC 17 CV52
	o MHL430 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL320 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL330 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL350 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL360 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL370 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL380 Series
	  ✓ EMR4 - EDC 17 CV52
	o RHL390 Series
	  ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Gehl

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Gehl Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Loader	• 2014 – Current
	  o 750
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Compact Track Loader	• 2001 – 2011
	  o RT 250
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2014 – Current
	  o RT 255
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Skid Steer	• 2011 – 2013
	  o V 420
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Telescopic Loader	• 2014 – Current
	  o RS6-34
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Genie

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Gehl Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2014 – Current
	  o GTH-2000 Series
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o GTH-5000 Series
	    ✓ EMR4 - EDC 17 CV54
	  o GTH-600 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2014 – Current
	  o Z-100 Series
	    ✓ EMR4 - EDC 17 CV54
	  o Z-40 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 2014 – Current
	  o GS-3300 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GS-4300 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GS-5300 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GTH-1000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GTH-1200 Series
	    ✓ EMR4 - EDC 17 CV52
	  o GTH-1500 Series
	    ✓ EMR4 - EDC 17 CV52
	  o GTH-2500 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GTH-3000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o GTH-800 Series
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o S-40 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S-60 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S-80 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-100 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-120 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-130 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-150 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o SX-180 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o Z-100 Series
	✓ EMR4 - EDC 17 CV52
	o Z-50 Series
	✓ EMR4 - EDC 17 CV54
	o Z-60 Series
	✓ EMR4 - EDC 17 CV54
	o Z-80 Series
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Hamm

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hamm Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Crane	2014 – Current - H 18I - EMR4 - EDC 17 CV52 2020 – Current - H 14I - EMR4 - EDC 17 CV56
Articulated Loader	2008 – Current 3412 - EMR3 - EDC 7 UC31 3516 - EMR3 - EDC 7 UC31 2010 – Current 3518 - EMR3 - EDC 16 UC40
Forklift	2008 – Current - GRW 15 - EMR3 - EDC 7 UC31 - GRW 21 - EMR3 - EDC 7 UC31 - HD + 110 - EMR3 - EDC 7 UC31 - HD + 140 - EMR3 - EDC 7 UC31 - HD 90 - EMR3 - EDC 7 UC31 - HD 280 - EMR3 - EDC 7 UC31 2010 – Current - HD + 110 - EMR3 - EDC 16 UC40 - HD + 140 - EMR3 - EDC 16 UC40

Equipment Type	Supported On

	o HD + 90
	  ✓ EMR3 - EDC 16 UC40
	o HD 110
	  ✓ EMR3 - EDC 16 UC40
	o HD 90
	  ✓ EMR3 - EDC 16 UC40
	  ✓ EMR3 - EDC 7 UC31
	o HD 280
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o GRW 1801-10
	  ✓ EMR4 - EDC 17 CV54
	o H 11I
	  ✓ EMR4 - EDC 17 CV54
	o HD + 80
	  ✓ EMR4 - EDC 17 CV54

Pneumatic Roller	• 2008 – Current
	o GRW 10
	  ✓ EMR3 - EDC 7 UC31
	o GRW 18
	  ✓ EMR3 - EDC 7 UC31
	o GRW 24
	  ✓ EMR3 - EDC 7 UC31
	o HD 180
	  ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o GRW 10
	  ✓ EMR3 - EDC 16 UC40
	o GRW 15
	  ✓ EMR3 - EDC 16 UC40
	o GRW 18
	  ✓ EMR3 - EDC 16 UC40
	o GRW 21
	  ✓ EMR3 - EDC 16 UC40
	o GRW 24
	  ✓ EMR3 - EDC 16 UC40
	o HD 180

Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o GRW 1801-10
	     ✓ EMR4 - EDC 17 CV52
	   o GRW 1801-12
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	   o HP 180
	     ✓ EMR4 - EDC 17 CV52
	   o HP 280
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

Smooth Drum	• 2007 – 2008
	   o 3625
	     ✓ EMR3 - EDC 16 UC40
	     ✓ EMR3 - EDC 7 UC31
	• 2008 – Current
	   o 3414
	     ✓ EMR3 - EDC 7 UC31
	   o 3518
	     ✓ EMR3 - EDC 7 UC31
	   o 3520
	     ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	   o 3412
	     ✓ EMR3 - EDC 16 UC40
	   o 3414
	     ✓ EMR3 - EDC 16 UC40
	   o 3516
	     ✓ EMR3 - EDC 16 UC40
	   o 3520
	     ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o H 11I
	     ✓ EMR4 - EDC 17 CV52
	   o H 12I
	     ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o H 13I
	   ✓ EMR4 - EDC 17 CV52
	o H 14I
	   ✓ EMR4 - EDC 17 CV52
	o H 16I
	   ✓ EMR4 - EDC 17 CV52
	o H 20I
	   ✓ EMR4 - EDC 17 CV52
	o H 25I
	   ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o H 13I
	   ✓ EMR4 - EDC 17 CV56
	o H 16I
	   ✓ EMR4 - EDC 17 CV56
	o H 18I
	   ✓ EMR4 - EDC 17 CV56
	o H 20I
	   ✓ EMR4 - EDC 17 CV56
	o H 25I
	   ✓ EMR4 - EDC 17 CV56

Tandem Roller	• 2008 – Current
	o HD + 120
	   ✓ EMR3 - EDC 7 UC31
	o HD + 90
	   ✓ EMR3 - EDC 7 UC31
	o HD 110
	   ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o HD + 120
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o DV + 90
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o HD + 110
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	 o HD + 120
	   ✓ EMR4 - EDC 17 CV52
	 o HD + 140
	   ✓ EMR4 - EDC 17 CV52
	 o HD + 70
	   ✓ EMR4 - EDC 17 CV54
	 o HD + 90
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	 • 2020 – Current
	 o HD + 120
	   ✓ EMR4 - EDC 17 CV56
	 o HD + 140
	   ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2001 – 2003
	 o 3410
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	 o 3411
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	 • 2008 – Current
	 o 3411
	   ✓ EMR3 - EDC 7 UC31
	 • 2010 – Current
	 o 3411
	   ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Hangcha

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hangcha Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Loader	2014 – Current - CPCD100 X - EMR4 - EDC 17 CV54 - CPCD120 X - EMR4 - EDC 17 CV52
Forklift	2014 – Current - CPCD100 X - EMR4 - EDC 17 CV52 - CPCD120 X - EMR4 - EDC 17 CV54 - CPCD80 X - EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Hansa

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hansa Off-Highway equipment types and models:

Equipment Type	Supported On
Off-Road Dump Truck	2014 – Current - APZ 1003 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Haulotte

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Haulotte Off-Highway equipment types and models:

Equipment Type	Supported On

Knuckle Boom	- 2014 – Current
	  o HA 32
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	  o HA 41
	     ✓ EMR4 - EDC 17 CV52
	  o HA 43
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Heli

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Heli Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	- 2014 – Current
	  o CPC 40 Series
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54
	  o CPC 50 Series
	     ✓ EMR4 - EDC 17 CV52
	     ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

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Hitachi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hitachi Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	  o ZW60-6 Series
	    ✓ EMR4 - EDC 17 CV54
	  o ZW70-6 Series
	    ✓ EMR4 - EDC 17 CV54
	  o ZW90W-7 Series
	    ✓ EMR4 - EDC 17 CV52

Wheel Loader	• 2014 – Current
	  o ZX100-6 Series
	    ✓ EMR4 - EDC 17 CV52
	  o ZX100W-7 Series
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Holder

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Holder Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	  o S 100
	    ✓ EMR4 - EDC 17 CV52
	  o S 130
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Hurlimann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hurlimann Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - SX Series ✓ EMR3 - EDC 7 UC31 - XB MAX Series ✓ EMR3 - EDC 7 UC31 - XL Series ✓ EMR3 - EDC 7 UC31 - XM Series ✓ EMR3 - EDC 7 UC31 - XT Series ✓ EMR3 - EDC 7 UC31 2010 – Current - SX Series ✓ EMR3 - EDC 16 UC40 - XB MAX Series ✓ EMR3 - EDC 16 UC40 - XL DCR Series ✓ EMR3 - EDC 16 UC40 - XL Series ✓ EMR3 - EDC 16 UC40 - XM Series ✓ EMR3 - EDC 16 UC40 - XT Series ✓ EMR3 - EDC 16 UC40 2014 – Current - XM B Series ✓ EMR4 - EDC 17 CV54 - XM K Series ✓ EMR4 - EDC 17 CV52 - XT T4 Hi-Level Series ✓ EMR4 - EDC 17 CV54 - XT T4 V-Drive Series ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Hyundai CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hyundai CE Off-Highway equipment types and models:

Equipment Type	Supported On
Crawler Dozer	2008 – Current - HR100 Series - EMR3 - EDC 7 UC31 2010 – Current - HR100 Series - EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Iseki

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Iseki Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2014 – Current - TJV Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TJW3 Series - EMR4 - EDC 17 CV52 2014 – Current - TJW3 Series - EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

JLG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following JLG Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Telescopic Boom Lift	2007 – 1012 1200 ✓ EMR3 - EDC 7 UC31
Articulated Loader	1972 – 1978 3006 ✓ EMR4 - EDC 17 CV54 2004 – 2009 520 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2006 – 2010 450 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2007 – 2011 660 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2008 – Current 266 ✓ EMR3 - EDC 7 UC31 307 ✓ EMR3 - EDC 7 UC31 460 ✓ EMR3 - EDC 7 UC31 510 ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
	o 680
	✓ EMR3 - EDC 7 UC31
	o 7013
	✓ EMR4 - EDC 17 CV52
	o 723
	✓ EMR3 - EDC 7 UC31
	o 740
	✓ EMR3 - EDC 7 UC31
	o 800
	✓ EMR3 - EDC 7 UC31
	o 860
	✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o 266
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 2906
	✓ EMR3 - EDC 16 UC40
	o 3006
	✓ EMR4 - EDC 17 CV54
	o 307
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 3507
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 3510
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 3614
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 3706
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 3707

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 450
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 460
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 510
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 520
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 600
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 619
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 660
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 680
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 7013
	✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	o 723
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 740
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 7 UC31
	o 800
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 8010
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 810
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 832
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o 860
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	✓ EMR3 - EDC 16 UC40
	✓ EMR3 - EDC 7 UC31
	o 925
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2010 – Current
	o 266
	✓ EMR3 - EDC 16 UC40
	o 2906
	✓ EMR3 - EDC 16 UC40
	o 307
	✓ EMR3 - EDC 16 UC40
	o 460
	✓ EMR3 - EDC 16 UC40

- o 510
  - ✓ EMR3 - EDC 16 UC40
- o 680
  - ✓ EMR3 - EDC 16 UC40
- o 723
  - ✓ EMR3 - EDC 16 UC40
- o 800
  - ✓ EMR3 - EDC 16 UC40
- o 860
  - ✓ EMR3 - EDC 16 UC40
- 2013 – 2017
  - o 3510
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
  - o 600
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
- 2014 – Current
  - o 3507
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 3614
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 460
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 7013
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 740
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - o 800
    - ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o 8010
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 860
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 925
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2016 – 2023
	  o 810
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2017 – 2022
	  o 3707
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2018 – 2021
	  o 619
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31
	• 2019 – 2025
	  o 3706
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2021 – 2025
	  o 832
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Crane	• 2005 – 2024
	  o 1350
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	    ✓ EMR3 - EDC 16 UC40
	    ✓ EMR3 - EDC 7 UC31

- 2007 – 2012
  - 1200
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
- 2008 – Current
  - 1030
    - ✓ EMR3 - EDC 7 UC31
  - 1500
    - ✓ EMR3 - EDC 7 UC31
- 2009 – 2013
  - 400
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31
- 2010 – Current
  - 1030
    - ✓ EMR3 - EDC 16 UC40
  - 1500
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - 1030
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1500
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1644
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
  - 1732
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
- 2016 – 2024
  - 1100
    - ✓ EMR4 - EDC 17 CV52
    - ✓ EMR4 - EDC 17 CV54
    - ✓ EMR3 - EDC 16 UC40
    - ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On

	• 2017 – 2021
	    o 1250
	       ✓ EMR3 - EDC 16 UC40
	       ✓ EMR3 - EDC 7 UC31

Forklift	• 2014 – 2025
	    o 4014
	       ✓ EMR4 - EDC 17 CV52
	       ✓ EMR4 - EDC 17 CV54
	• 2019 – 2025
	    o 4008
	       ✓ EMR4 - EDC 17 CV52
	       ✓ EMR4 - EDC 17 CV54
	• 2022 – 2025
	    o 4017
	       ✓ EMR4 - EDC 17 CV52
	       ✓ EMR4 - EDC 17 CV54

Hydraulic Excavator	• 2022 – 2025
	    o G 5
	       ✓ EMR4 - EDC 17 CV54

Knuckle Boom	• 2008 – Current
	    o 18 RS
	       ✓ EMR3 - EDC 7 UC31
	    o 24 RS
	       ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	    o 18 RS
	       ✓ EMR3 - EDC 16 UC40
	    o 24 RS
	       ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	    o 18 RS
	       ✓ EMR4 - EDC 17 CV52
	       ✓ EMR4 - EDC 17 CV54
	    o 24 RS
	       ✓ EMR4 - EDC 17 CV52
	       ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On

Loader	• 1972 – 1978
	  ○ 3006
	    ✓ EMR4 - EDC 17 CV52
	• 2008 – Current
	  ○ 2906
	    ✓ EMR3 - EDC 7 UC31

Mulcher	• 2007 – 2012
	  ○ 1200
	    ✓ EMR3 – EDC 16 UC40

Rough Terrain Telehandler	• 2017 – 2021
	  ○ 1250
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2008 – Current
	  ○ RT 3394
	    ✓ EMR3 - EDC 7 UC31
	  ○ RT 4394
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  ○ RT 3394
	    ✓ EMR3 - EDC 16 UC40
	  ○ RT 4394
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ RT 3394
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ RT 4394
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Self-Propelled Mixer	• 2010 – Current
	  ○ 740
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  ○ 680
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o 7013
	    ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 1998 – 2025
	  o 1850
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current
	  o G 5
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Kamag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kamag Off-Highway equipment types and models:

Equipment Type	Supported On

Crane	• 2014 – Current
	  o PM Series
	    ✓ EMR4 - EDC 17 CV52

Rough Terrain Crane	• 2014 – Current
	  o PT Series
	    ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Kassboher Gelandefagrzeug

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kassboher Gelandefagrzeug Off-Highway equipment types and models:

Equipment Type	Supported On

Beach Cleaner	• 2014 – Current
	  o Cherrington 5500
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Kawasaki KCM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kawasaki KCM Off-Highway equipment types and models:

Equipment Type	Supported On
Wheel Loader	2014 – Current 60Z7 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Kramer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kramer Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Loader	2014 – Current - KT300 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - KT400 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - KT500 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2020 – Current - KT500 Series ✓ EMR4 - EDC 17 CV56
Loader	2008 – Current 2500 Series ✓ EMR3 - EDC 7 UC31 2010 – Current 2500 Series

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Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	• 2012 – 2016
	  o 3000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2012 – 2024
	  o 4000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	• 2014 – Current
	  o 3500 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 4200 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Telescopic Loader	• 2014 – Current
	  o 8000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 8000T Series
	    ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2008 – Current
	  o KL50 Series
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o KL50 Series
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  o 4400 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 5500 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o 8100 Series
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	○ KL30 Series
	✓ EMR4 - EDC 17 CV54
	○ KL30T Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ KL40 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ KL60 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ 5500 Series
	✓ EMR4 - EDC 17 CV56
	• 2023 – 2024
	○ 5000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Lamborghini

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Lamborghini Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2008 – Current
	○ R3 90/100/105
	  ✓ EMR3 - EDC 7 UC31
	○ R4 Series
	  ✓ EMR3 - EDC 7 UC31
	○ R5 EVO Series
	  ✓ EMR3 - EDC 7 UC31
	○ R7 VRT Series
	  ✓ EMR3 - EDC 7 UC31

- 2010 – Current
  - R3 90/100/105
    - ✓ EMR3 - EDC 16 UC40
  - R4 Series
    - ✓ EMR3 - EDC 16 UC40
  - R5 EVO Series
    - ✓ EMR3 - EDC 16 UC40
  - R6 115/125/135 VRT
    - ✓ EMR3 - EDC 16 UC40
  - R6 DCR Series
    - ✓ EMR3 - EDC 16 UC40
  - R6 Series
    - ✓ EMR3 - EDC 16 UC40
  - R7 Series
    - ✓ EMR3 - EDC 16 UC40
  - R7 VRT Series
    - ✓ EMR3 - EDC 16 UC40
  - R8 DCR Series
    - ✓ EMR3 - EDC 16 UC40
  - R8 Series
    - ✓ EMR3 - EDC 16 UC40
- 2014 – Current
  - MACH Series
    - ✓ EMR4 - EDC 17 CV52
  - Nitro Hi-Profil Series
    - ✓ EMR4 - EDC 17 CV54
  - Nitro R Series
    - ✓ EMR4 - EDC 17 CV54
  - Nitro Series
    - ✓ EMR4 - EDC 17 CV54
  - Nitro VRTSeries
    - ✓ EMR4 - EDC 17 CV54
  - R6 100 Series (IT4)
    - ✓ EMR4 - EDC 17 CV52
  - R6 100 VRT Series
    - ✓ EMR4 - EDC 17 CV52
  - R6 200 Series
    - ✓ EMR4 - EDC 17 CV52
- 2020 – Current

Equipment Type	Supported On

	o R6 100 Hi-Profil Series
	   ✓ EMR4 - EDC 17 CV56
	o R6 100 VRT Series
	   ✓ EMR4 - EDC 17 CV56
	o R6 100.4 Series
	   ✓ EMR4 - EDC 17 CV56
	o R6 100.4 VRT Series
	   ✓ EMR4 - EDC 17 CV56
	o Spark Series
	   ✓ EMR4 - EDC 17 CV56
	o Spark VRT Series
	   ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Landini

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Landini Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	o 4 Series, Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	   ✓ EMR4 - EDC 17 CV54
	o 4D Series, Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	   ✓ EMR4 - EDC 17 CV54
	o 5 Series [2017-…], Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 6H Series, Engine: Interim Tier4/Stage IIIB-Final Tier 4/Stage IV
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o REX 4 Series (F/V/GT), Engine: Interim Tier 4/Stage IIIB
	   ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
	o REX 4 Series (GE/GB), Engine: Interim Tier4/Stage IIIB 　✓ EMR4 - EDC 17 CV54 o Trekker Series, Engine: Interim Tier 4/Stage IIIB 　✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

LGMG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LGMG Off-Highway equipment types and models:

Equipment Type	Supported On
Knuckle Boom	• 2014 – Current 　o AR 14J 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54 　o AR 16J 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54
Scissor Lift	• 2014 – Current 　o SR 1023D 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54 　o SR 1323D 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54 　o SR 1623D 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54
Telescopic Crane	• 2014 – Current 　o T 20J 　　✓ EMR4 - EDC 17 CV52 　　✓ EMR4 - EDC 17 CV54 　o T 26J

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o T 65J
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o T 85J
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Liebherr

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liebherr Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2008 – Current
	  o R 317
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o A 316s
	    ✓ EMR3 - EDC 16 UC40
	  o R 317
	    ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	  o R 914
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Forklift	• 2014 – Current
	  o TL 432-7
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TL 436-7
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On

	○ TL 441-7
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54

Scissor Lift	• 2014 – Current
	    ○ A 910 Compact
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	    ○ A 912 Compact
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54
	    ○ A 913 Compact
	        ✓ EMR4 - EDC 17 CV52
	        ✓ EMR4 - EDC 17 CV54

Telescopic Crane	• 2008 – Current
	    ○ T 32-7
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 32-7S
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 33-105
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 35-6
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 35-6S
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 36-7
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 36-7S
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 41-7
	        ✓ EMR3 - EDC 7 UC31
	    ○ T 41-7S
	        ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	    ○ T 32-7
	        ✓ EMR3 - EDC 16 UC40
	    ○ T 32-7S
	        ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On
	- T 33-105 ✓ EMR3 - EDC 16 UC40 - T 35-6 ✓ EMR3 - EDC 16 UC40 - T 35-6S ✓ EMR3 - EDC 16 UC40 - T 36-7 ✓ EMR3 - EDC 16 UC40 - T 36-7S ✓ EMR3 - EDC 16 UC40 - T 41-7 ✓ EMR3 - EDC 16 UC40 - T 41-7S ✓ EMR3 - EDC 16 UC40 • 2014 – Current - T 32-7 ✓ EMR4 - EDC 17 CV52 - T 32-7S ✓ EMR4 - EDC 17 CV52 - T 33-105 ✓ EMR4 - EDC 17 CV52 - T 35-6 ✓ EMR4 - EDC 17 CV52 - T 35-6S ✓ EMR4 - EDC 17 CV52 - T 36-7 ✓ EMR4 - EDC 17 CV52 - T 36-7S ✓ EMR4 - EDC 17 CV52 - T 41-7 ✓ EMR4 - EDC 17 CV52 - T 41-7S ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

LiftKing

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LiftKing Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2010 – Current - LK32C ✓ EMR3 - EDC 16 UC40 2014 – Current - LK16P ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Linde

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Linde Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2008 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 7 UC31 2010 – Current 396 Series (H50-H80) ✓ EMR3 - EDC 16 UC40 2014 – Current 1202 Series (H20-H35) ✓ EMR4 - EDC 17 CV54 396 Series (H50-H80) ✓ EMR4 - EDC 17 CV52 2020 – Current 396 Series (H50-H80) ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

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Magni

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Magni Off-Highway equipment types and models:

Equipment Type	Supported On
All Terrain Crane	2014 – Current - DS 2000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - DS 3000 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Articulated Loader	2014 – Current - HTH 10 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - RTH 4 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - RTH 5 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TH 4 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TH 5 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - TH 6 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Knuckle Boom	2014 – Current - DAB 20 Series - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54

Equipment Type	Supported On

Telescopic Crane	• 2014 – Current
	  ○ DTB 20 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ DTB 20 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ DTB 30 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ DTB 40 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Manitou

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Manitou Off-Highway equipment types and models:

Equipment Type	Supported On

All Terrain Crane	• 2014 – Current
	  ○ MHT 10000 Series
	    ✓ EMR4 - EDC 17 CV52
	  ○ MHT 12000 Series
	    ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	  ○ MHT 12000 Series
	    ✓ EMR4 - EDC 17 CV56

Articulated Loader	• 2014 – Current
	  ○ MLA 5-60 Series
	    ✓ EMR4 - EDC 17 CV54
	  ○ MLA 7-70 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ MLA 600 Series

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	  o MLA 700 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o MLA 800 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o MLA 900 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o MLA 1000 Series
	    ✓ EMR4 - EDC 17 CV52
	  o MLA 2000 Series
	    ✓ EMR4 - EDC 17 CV52
	  o MLA 6000 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Forklift	• 2014 – Current
	  o M 20 Series
	    ✓ EMR4 - EDC 17 CV52
	  o M 30 Series
	    ✓ EMR4 - EDC 17 CV52
	  o M 40 Series
	    ✓ EMR4 - EDC 17 CV52
	  o M 50 Series
	    ✓ EMR4 - EDC 17 CV52
	  o M 70 Series
	    ✓ EMR4 - EDC 17 CV52
	  o MI 100 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o MI 40 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o MI 50 Series
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	○ MI 60 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MI 70 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MI 80 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MSI 40 Series
	✓ EMR4 - EDC 17 CV52
	○ MSI 50 Series
	✓ EMR4 - EDC 17 CV52
	○ MT 1000 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MT 700 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MT 800 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	○ MT 900 Series
	✓ EMR4 - EDC 17 CV52
	✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On
Loader	2014 – Current 2500 R Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 3200 V Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 4200 V Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Wheel Loader	2014 – Current - MLA 500 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Massey Ferguson

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Massey Ferguson Off-Highway equipment types and models:

Equipment Type	Supported On
Self-Propelled Sprayer	2014 – Current 9300 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 9400 Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

McCormick

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Linde Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	  o TX Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54
	  o X4 Series (30/40/50/55/60/70), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54
	  o X4 Series (F/V/XL), Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54
	  o X4 Series (GE/GB), Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 - EDC 17 CV54
	  o X4M Series (30/40/50), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54
	  o X5 Series (35/45/55), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV54
	  o X6 Series (35/45/55), Engine: Interim Tier 4/Stage IIIB-Final Tier 4/Stage IV
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Mecalac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mecalac Off-Highway equipment types and models:

Equipment Type	Supported On

Articulated Dump Truck	• 2014 – Current
	  o TA9
	    ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54

Articulated Loader	• 2014 – Current
	  ○ AX1000
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ AX700
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ AX850
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Loader	• 2014 – Current
	  ○ AS700
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Midi Excavator	• 2014 – Current
	  ○ 15MC
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Mini Excavator	• 2014 – Current
	  ○ 106MRAIL
	    ✓ EMR4 - EDC 17 CV52
	  ○ 10MCR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ 6MCR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  ○ 8MCR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Mobile Excavator	• 2014 – Current
	  ○ 11MWR
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o 15MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 7MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o 9MWR
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Railroad Excavator	• 2014 – Current
	o 136MRAIL
	  ✓ EMR4 - EDC 17 CV52
	o 156MRAIL
	  ✓ EMR4 - EDC 17 CV52
	o 216MRAIL
	  ✓ EMR4 - EDC 17 CV52

Telescopic Loader	• 2014 – Current
	o AS900 TELE
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o AT1050
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o AT900
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current
	o 12MTX
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o AF1050
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	o AF1200
	  ✓ EMR4 - EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On

	o AS1000
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o AS1600
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o AS210
	   ✓ EMR4 - EDC 17 CV52
	o AS600
	   ✓ EMR4 - EDC 17 CV52
	o AS750
	   ✓ EMR4 - EDC 17 CV52
	o AS850
	   ✓ EMR4 - EDC 17 CV52
	o AS900
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o AS210
	   ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Menzi Muck

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Menzi Muck Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Excavator	• 2014 – Current
	o M220
	   ✓ EMR4 - EDC 17 CV52
	o M320
	   ✓ EMR4 - EDC 17 CV52
	o M325
	   ✓ EMR4 - EDC 17 CV52
	o M335
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	o M340
	      ✓ EMR4 - EDC 17 CV52
	   o M520
	      ✓ EMR4 - EDC 17 CV52
	   o M525
	      ✓ EMR4 - EDC 17 CV52
	   o M530
	      ✓ EMR4 - EDC 17 CV52
	   o M535
	      ✓ EMR4 - EDC 17 CV52
	   o M540
	      ✓ EMR4 - EDC 17 CV52
	   o M545
	      ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	   o M525
	      ✓ EMR4 - EDC 17 CV56
	   o M535
	      ✓ EMR4 - EDC 17 CV56
	   o M545
	      ✓ EMR4 - EDC 17 CV56

Wheeled Dump Truck	• 2014 – Current
	   o 65 RD
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Merlo

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Merlo Off-Highway equipment types and models:

Equipment Type	Supported On

Concrete Mixer	• 2008 – Current
	   o DBM Series
	      ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On
	✓ EMR3 - EDC 7 UC31
Forklift	2008 – Current - MM Series ✓ EMR3 - EDC 7 UC31 - P120.XX ✓ EMR3 - EDC 7 UC31 - P34.XX ✓ EMR3 - EDC 7 UC31 - P36.XX ✓ EMR3 - EDC 7 UC31 - P39.XX ✓ EMR3 - EDC 7 UC31 - P38.XX ✓ EMR3 - EDC 7 UC31 - P45.XX ✓ EMR3 - EDC 7 UC31 - P50.XX ✓ EMR3 - EDC 7 UC31 - TF34.XX ✓ EMR3 - EDC 7 UC31 - TF36.XX ✓ EMR3 - EDC 7 UC31 - TF37.XX ✓ EMR3 - EDC 7 UC31 - TF38.XX ✓ EMR3 - EDC 7 UC31 - TF40.XX ✓ EMR3 - EDC 7 UC31 - TF41.XX ✓ EMR3 - EDC 7 UC31 2010 – Current - MM Series ✓ EMR3 - EDC 16 UC40 - P120.XX ✓ EMR3 - EDC 16 UC40 - P34.XX ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On

	o P36.XX
	      ✓ EMR3 - EDC 16 UC40
	   o P39.XX
	      ✓ EMR3 - EDC 16 UC40
	   o P38.XX
	      ✓ EMR3 - EDC 16 UC40
	   o P45.XX
	      ✓ EMR3 - EDC 16 UC40
	   o P50.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF34.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF36.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF37.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF38.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF40.XX
	      ✓ EMR3 - EDC 16 UC40
	   o TF41.XX
	      ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o P30.XX
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o P35.XX
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o P37.XX
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o P38.XX
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o P40.XX
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

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Equipment Type	Supported On
	o P50.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o P55.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV56 o P60.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o P72.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o P75.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV56 o P35.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o P40.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o P50.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o TF30.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o TF33.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o TF35.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o TF38.XX ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o TF42.XX ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 - EDC 17 CV54
	  o TF45.XX
	     ✓ EMR4 - EDC 17 CV52
	  o TF50.XX
	     ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	  o P55.XX
	     ✓ EMR4 - EDC 17 CV56
	  o P75.XX
	     ✓ EMR4 - EDC 17 CV56
	  o TF38.XX
	     ✓ EMR4 - EDC 17 CV56
	  o TF42.XX
	     ✓ EMR4 - EDC 17 CV56
	  o TF45.XX
	     ✓ EMR4 - EDC 17 CV56
	  o TF50.XX
	     ✓ EMR4 - EDC 17 CV56

Telescopic Loader	• 2008 – Current
	  o MF27.XX
	     ✓ EMR3 - EDC 7 UC31
	  o MF29.XX
	     ✓ EMR3 - EDC 7 UC31
	  o MF30.XX
	     ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o MF27.XX
	     ✓ EMR3 - EDC 16 UC40
	  o MF29.XX
	     ✓ EMR3 - EDC 16 UC40
	  o MF30.XX
	     ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On
	2014 – Current - MF27.XX - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - MF29.XX - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - MF30.XX - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - MF34.XX - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - MF27.XX - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 2020 – Current - MF27.XX - EMR4 - EDC 17 CV56 - MF29.XX - EMR4 - EDC 17 CV56 - MF30.XX - EMR4 - EDC 17 CV56 - MF27.XX - EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

MST

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MST Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	2014 – Current - M220 - EMR4 - EDC 17 CV52 - M300

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Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Mustang by Manitou

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mustang by Manitou Off-Highway equipment types and models:

Equipment Type	Supported On
Skid Steer Loader	• 2014 – Current o 2500RT ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o 2550RT ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o 3200VT ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o 4200V ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54
Wheel Loader	• 2014 – Current o 70B ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 o 70BT ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Paus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Paus Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	2008 – Current - PMKM 10000 Series ✓ EMR3 - EDC 7 UC31 - PMKM 8000 Series ✓ EMR3 - EDC 7 UC31 2010 – Current - PMKM 10000 Series ✓ EMR3 - EDC 16 UC40 - PMKM 8000 Series ✓ EMR3 - EDC 16 UC40 2014 – Current - ITC 1050 ✓ EMR4 - EDC 17 CV52 - SMK 9030 ✓ EMR4 - EDC 17 CV54 - SMK 9040 ✓ EMR4 - EDC 17 CV54
Grader	2014 – Current - PG 10HA ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 2020 – Current - PG 10HA ✓ EMR4 - EDC 17 CV56
Loader	2014 – Current - PFL 10 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - PFL 20 ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o PFL 30
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o PFL 8
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o PGS 15
	   ✓ EMR4 - EDC 17 CV52
	o SL9075
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o SL9088
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o TSL9075
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o TSL9088
	   ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	o PFL 10
	   ✓ EMR4 - EDC 17 CV56
	o PFL 20
	   ✓ EMR4 - EDC 17 CV56
	o PFL 30
	   ✓ EMR4 - EDC 17 CV56
	o PFL 8
	   ✓ EMR4 - EDC 17 CV56

Mining Scalers	• 2014 – Current
	o 1253 S10
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o 853 S8
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o 1253 S10

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV56 ○ 853 S8 ✓ EMR4 - EDC 17 CV56

Mining Truck	• 2008 – Current
	○ UNI 50
	   ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	○ UNI 50
	   ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	○ MINCA 18
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	○ MINCA 5.1
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	○ UNI 40
	   ✓ EMR4 - EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ MINCA 18
	   ✓ EMR4 - EDC 17 CV56
	○ MINCA 5.1
	   ✓ EMR4 - EDC 17 CV56
	○ UNI 40
	   ✓ EMR4 - EDC 17 CV56

Tractor	• 2014 – Current
	○ Z60
	   ✓ EMR4 - EDC 17 CV52
	○ Z70
	   ✓ EMR4 - EDC 17 CV52

Equipment Type	Supported On

Wheel Loader	• 2014 – Current
	   ○ TL9065
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   ○ TL9078
	      ✓ EMR4 - EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

PB

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following PB Off-Highway equipment types and models:

Equipment Type	Supported On

Scissor Lift	• 2014 – Current
	   ○ S320 Series
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Pellenc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pellenc Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	   ○ 130
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Pettibone

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pettibone Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	2014 – Current 1046X - EMR4 - EDC 17 CV54 944X - EMR4 - EDC 17 CV54 - T944X - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Powerscreen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Powerscreen Off-Highway equipment types and models:

Equipment Type	Supported On
Conveyor	2014 – Current - CT65 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - CT80 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54
Scalping Screen	2014 – Current - Warrior 1200 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54 - Warrior 600 - EMR4 - EDC 17 CV52 - EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Sakai

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sakai Off-Highway equipment types and models:

Equipment Type	Supported On
Tandem Roller	2008 – Current - SW850N ✓ EMR3 - EDC 7 UC31 2010 – Current - SW850N ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Same

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Same Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - Diamond Series ✓ EMR3 - EDC 7 UC31 - Explorer 3 Series ✓ EMR3 - EDC 7 UC31 - Iron 100/110/120 ✓ EMR3 - EDC 7 UC31 - Laser Series ✓ EMR3 - EDC 7 UC31 CT80 2010 – Current - Diamond DCR Series ✓ EMR3 - EDC 16 UC40 - Diamond Series ✓ EMR3 - EDC 16 UC40 - Explorer 3 Series ✓ EMR3 - EDC 16 UC40 - Iron 100/110/120 ✓ EMR3 - EDC 16 UC40 - Iron 115/125/135 Continuo

Equipment Type	Supported On
	✓ EMR3 - EDC 16 UC40
	○ Iron 130/185 DCR
	✓ EMR3 - EDC 16 UC40
	○ Iron 150/170/190 Continuo
	✓ EMR3 - EDC 16 UC40
	○ Laser Series
	✓ EMR3 - EDC 16 UC40
	○ Silver 3 Continuo Series
	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	○ Audax Series
	✓ EMR4 - EDC 17 CV52
	○ Fortis 100 Series
	✓ EMR4 - EDC 17 CV52
	○ Fortis 200 Series
	✓ EMR4 - EDC 17 CV52
	○ Fortis Infinity Line 100 Series
	✓ EMR4 - EDC 17 CV52
	○ Virtus Infinity Series
	✓ EMR4 - EDC 17 CV54
	○ Virtus J Series
	✓ EMR4 - EDC 17 CV54
	○ Virtus Series
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	○ Fortis 100 Series
	✓ EMR4 - EDC 17 CV56
	○ Fortis 100.4 Series
	✓ EMR4 - EDC 17 CV56
	○ Fortis Infinity Line 100 Series
	✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Sandvik

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sandvik Off-Highway equipment types and models:

Equipment Type	Supported On
Bi-Directional Drill	2007 – 2012 - DD Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 ✓ EMR3 - EDC 16 UC40 ✓ EMR3 - EDC 7 UC31 2008 – Current - DB Series ✓ EMR3 - EDC 7 UC31 - DL Series ✓ EMR3 - EDC 7 UC31 - DS Series ✓ EMR3 - EDC 7 UC31 2010 – Current - DB Series ✓ EMR3 - EDC 16 UC40 - DL Series ✓ EMR3 - EDC 16 UC40 - DS Series ✓ EMR3 - EDC 16 UC40 2014 – Current - DL Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - DS Series ✓ EMR4 - EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

SANY

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following SANY Off-Highway equipment types and models:

Equipment Type	Supported On
Backhoe Loader	2014 – Current - SLB95

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV52

Excavator	• 2014 – Current
	   ○ SY155W
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

Wheel Loader	• 2014 – Current
	   ○ SW115
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   ○ SW305
	      ✓ EMR4 - EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV56
	   ○ SW405K
	      ✓ EMR4 - EDC 17 CV52
	• 2020 – Current
	   ○ SW305
	      ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Scarab

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Scarab Off-Highway equipment types and models:

Equipment Type	Supported On

Sweeper	• 2014 – Current
	   ○ Maven 65
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   ○ Minor 25
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Schaeff

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Schaeff Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	- 2014 – Current
	  o TC 125
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TC 85
	    ✓ EMR4 - EDC 17 CV54
	  o TC 110
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TC 75
	    ✓ EMR4 - EDC 17 CV54
	  o TC 95
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Wheel Loader	- 2014 – Current
	  o TC 100
	    ✓ EMR4 - EDC 17 CV54
	  o TC 120
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TC 70
	    ✓ EMR4 - EDC 17 CV54
	  o TC 80
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Schaeffer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Schaeffer Off-Highway equipment types and models:

Equipment Type	Supported On
Loader	2008 – Current 9300T Series - EMR3 - EDC 7 UC31 9500T Series - EMR3 - EDC 7 UC31 2010 – Current 9300T Series - EMR3 - EDC 16 UC40 9500T Series - EMR3 - EDC 16 UC40 2014 – Current 5400Z Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 5600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 5600Z Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600 Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 6600Z Series - EMR4 – EDC 17 CV52 8600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54 9600T Series - EMR4 – EDC 17 CV52 - EMR4 - EDC 17 CV54

Equipment Type	Supported On

	• 2020 – Current
	   o 9600T Series
	      ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Sennebogen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sennebogen Off-Highway equipment types and models:

Equipment Type	Supported On

Telescopic Crane	• 2008 – Current
	   o HPC Series
	      ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	   o HPC Series
	      ✓ EMR3 - EDC 16 UC40

NOTE: Deutz 12-pin Off-Highway cable is required.

Skyjack

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Skyjack Off-Highway equipment types and models:

Equipment Type	Supported On

Telescopic Loader	• 2014 – Current
	   o SJ1040 TH Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o SJ1050 TH Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o SJ1250 TH Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 - EDC 17 CV54
	   o SJ40 T Series

Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	  o SJ510 TH Series
	    ✓ EMR4 - EDC 17 CV54
	  o SJ60 AJ Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SJ60 T Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SJ640 TH Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SJ80 T Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SJ840 TH Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Snorkel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Snorkel Off-Highway equipment types and models:

Equipment Type	Supported On

All Terrain Telescopic Boom Lift	• 2014 – Current
	  o 600 Series
	    ✓ EMR4 - EDC 17 CV54

Loader	• 2012 – 2014
	  o 2000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

Mulcher	• 2014 – Current o 400 Series

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV52

Rough Terrain Telehandler	• 2014 – Current
	  o SR1000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o SR9000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Still

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Still Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	  o RX70 (7331-7334 Series)
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o RX70 (7341-7344 Series)
	    ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	  o RX70 (7341-7344 Series)
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Takeuchi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Takeuchi Off-Highway equipment types and models:

Equipment Type	Supported On

Loader	• 2014 – Current
	  o TW65 Series 2
	    ✓ EMR4 - EDC 17 CV54

2025 v2

Equipment Type	Supported On

	o TW95 Series
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Mini Excavator	• 2014 – Current
	  o TB2150 Series
	    ✓ EMR4 - EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TW290 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54
	  o TW390 Series
	    ✓ EMR4 – EDC 17 CV52

Skid Steer	• 2014 – Current
	  o TS80 Series
	    ✓ EMR4 – EDC 17 CV54

Wheel Loader	• 2014 – Current
	  o TW80 Series 2
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Taylor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Taylor Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• 2014 – Current
	  o GT 100 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Tecnoma

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Tecnoma Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	2008 – Current - AXH 110 ✓ EMR3 - EDC 7 UC31 - P 140 ✓ EMR3 - EDC 7 UC31 - P 160 ✓ EMR3 - EDC 7 UC31 - S 120 B ✓ EMR3 - EDC 7 UC31 - S 120 H ✓ EMR3 - EDC 7 UC31 - T 120 B ✓ EMR3 - EDC 7 UC31 - T 140 B ✓ EMR3 - EDC 7 UC31 - T 140 H ✓ EMR3 - EDC 7 UC31 - TXH 110 ✓ EMR3 - EDC 7 UC31 - TXH 90 ✓ EMR3 - EDC 7 UC31 2010 – Current - AXH 110 ✓ EMR3 - EDC 16 UC40 - P 140 ✓ EMR3 - EDC 16 UC40 - P 160 ✓ EMR3 - EDC 16 UC40 - S 120 B ✓ EMR3 - EDC 16 UC40 - S 120 H ✓ EMR3 - EDC 16 UC40 - T 120 B ✓ EMR3 - EDC 16 UC40

Equipment Type	Supported On
	o T 120 H
	✓ EMR3 - EDC 16 UC40
	o T 140 B
	✓ EMR3 - EDC 16 UC40
	o T 140 H
	✓ EMR3 - EDC 16 UC40
	o TXH 110
	✓ EMR3 - EDC 16 UC40
	o TXH 90
	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o P 140
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o P 160
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S 120 B
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o S 120 H
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o T 140 B
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o T 140 H
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	• 2020 – Current
	o P 140
	✓ EMR4 – EDC 17 CV56
	o P 160
	✓ EMR4 - EDC 17 CV56
	o S 120 B
	✓ EMR4 - EDC 17 CV56
	o S 120 H
	✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o T 120 B
	    ✓ EMR4 - EDC 17 CV56
	o T 120 H
	    ✓ EMR4 - EDC 17 CV56
	o T 140 B
	    ✓ EMR4 - EDC 17 CV56
	o T 140 H
	    ✓ EMR4 - EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Terex

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Terex Off-Highway equipment types and models:

Equipment Type	Supported On

Backhoe Loader	• 2014 – Current
	  o TLB 840
	    ✓ EMR4 - EDC 17 CV54

Excavator	• 2008 – Current
	  o TW 110
	    ✓ EMR3 - EDC 7 UC31
	  o TW 140
	    ✓ EMR3 - EDC 7 UC31
	  o TW 150
	    ✓ EMR3 - EDC 7 UC31
	  o TW 160
	    ✓ EMR3 - EDC 7 UC31
	  o TW 170
	    ✓ EMR3 - EDC 7 UC31
	  o TW 180
	    ✓ EMR3 - EDC 7 UC31
	  o TW 85
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  o TW 110

Equipment Type	Supported On

	✓ EMR3 - EDC 16 UC40
	○ TW 140
	  ✓ EMR3 - EDC 16 UC40
	○ TW 150
	  ✓ EMR3 - EDC 16 UC40
	○ TW 160
	  ✓ EMR3 - EDC 16 UC40
	○ TW 170
	  ✓ EMR3 - EDC 16 UC40
	○ TW 180
	  ✓ EMR3 - EDC 16 UC40
	○ TW 85
	  ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	○ TC 125
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ TC 85
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ TW 110
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54
	○ TW 85
	  ✓ EMR4 – EDC 17 CV52
	  ✓ EMR4 - EDC 17 CV54

Material Handler	• 2008 – Current
	○ TM 200
	  ✓ EMR3 - EDC 7 UC31
	○ TM 350
	  ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	○ TM 200
	  ✓ EMR3 - EDC 16 UC40
	○ TM 350
	  ✓ EMR3 - EDC 16 UC40

Wheel Excavator	• 2008 – Current

Equipment Type	Supported On
	o MHL 320
	✓ EMR3 – EDC 7 UC31
	o MHL 331
	✓ EMR3 - EDC 7 UC31
	o MHL 335
	✓ EMR3 - EDC 7 UC31
	o MHL 340
	✓ EMR3 - EDC 7 UC31
	o MHL 350
	✓ EMR3 - EDC 7 UC31
	o MHL 354
	✓ EMR3 - EDC 7 UC31
	o MHL 364
	✓ EMR3 - EDC 7 UC31
	o MHL 370
	✓ EMR4 – EDC 17 CV52
	o MHL 380
	✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	o MHL 320
	✓ EMR3 – EDC 16 CV40
	o MHL 331
	✓ EMR3 - EDC 16 UC40
	o MHL 335
	✓ EMR3 - EDC 16 UC40
	o MHL 340
	✓ EMR3 - EDC 16 UC40
	o MHL 380
	✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	o MHL 250
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o MHL 310
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV54
	o MHL 320
	✓ EMR4 – EDC 17 CV52

Equipment Type	Supported On
	✓ EMR4 - EDC 17 CV54
	o MHL 331
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 - EDC 17 CV56
	o MHL 334
	✓ EMR4 – EDC 17 CV52
	o MHL 335
	✓ EMR4 – EDC 17 CV52
	o MHL 340
	✓ EMR4 – EDC 17 CV52
	o MHL 350
	✓ EMR4 – EDC 17 CV52
	o MHL 354
	✓ EMR4 – EDC 17 CV52
	o MHL 360
	✓ EMR4 – EDC 17 CV52
	o MHL 364
	✓ EMR4 – EDC 17 CV52
	o MHL 370
	✓ EMR4 – EDC 17 CV52
	o MHL 375
	✓ EMR4 – EDC 17 CV52
	o MHL 380
	✓ EMR4 – EDC 17 CV52
	o MHL 390
	✓ EMR4 – EDC 17 CV52
	o MHL 434
	✓ EMR4 – EDC 17 CV52
	✓ EMR4 – EDC 17 CV54
	• 2020 – Current
	o MHL 331
	✓ EMR4 - EDC 17 CV56
	o MHL 334
	✓ EMR4 - EDC 17 CV56
	o MHL 335
	✓ EMR4 - EDC 17 CV56
	o MHL 340
	✓ EMR4 - EDC 17 CV56

Equipment Type	Supported On

	o MHL 350
	   ✓ EMR4 - EDC 17 CV56
	o MHL 354
	   ✓ EMR4 - EDC 17 CV56
	o MHL 360
	   ✓ EMR4 - EDC 17 CV56
	o MHL 434
	   ✓ EMR4 - EDC 17 CV56

Wheel Loader	• 2014 – Current
	o TL 120
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Terrion

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Terrion Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2012 – 2024
	o 4000 Series
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	• 2014 – 2024
	o 7000 Series
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31
	• 2023 – 2024
	o 5000 Series
	   ✓ EMR3 - EDC 16 UC40
	   ✓ EMR3 - EDC 7 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Textron GSE-TUG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Textron GSE-TUG Off-Highway equipment types and models:

Equipment Type	Supported On
Deicer	2008 – Current - Safeaero 220 ✓ EMR3 - EDC 7 UC31 2010 – Current - Safeaero 220 ✓ EMR3 - EDC 16 UC40 2014 – Current - Safeaero 220 ✓ EMR4 – EDC 17 CV52 2020 – Current - Safeaero 220 ✓ EMR4 - EDC 17 CV56
Pushback-Tug	2008 – Current - TBL-180 ✓ EMR3 - EDC 7 UC31 - TUG MT ✓ EMR3 - EDC 7 UC31 2010 – Current - TBL-180 ✓ EMR3 - EDC 16 UC40 - TUG MT ✓ EMR3 - EDC 16 UC40 2014 – Current - TBL-180 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54 - TBL-400 ✓ EMR4 – EDC 17 CV52 - TUG 660 ✓ EMR4 – EDC 17 CV52 - TUG Alpha ✓ EMR4 – EDC 17 CV52 - TUG GT-35 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 - EDC 17 CV54

Equipment Type	Supported On

	o TUG M1A
	   ✓ EMR4 – EDC 17 CV52
	o TUG MA
	   ✓ EMR4 – EDC 17 CV52
	o TUG MH
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54
	o TUG MR
	   ✓ EMR4 – EDC 17 CV52
	   ✓ EMR4 - EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Thwaites

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Thwaites Off-Highway equipment types and models:

Equipment Type	Supported On

Wheeled Dump Truck	• 2014 – Current
	  o 6 Tonne
	   ✓ EMR4 – EDC 17 CV52
	  o 9 Tonne
	   ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Trepel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Trepel Off-Highway equipment types and models:

Equipment Type	Supported On

Deck Loader	• 2008 – Current
	  o Champ 140
	   ✓ EMR3 - EDC 7 UC31
	  o Champ 200
	   ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
	○ Champ 350 ✓ EMR3 - EDC 7 UC31 • 2010 – Current ○ Champ 140 ✓ EMR3 - EDC 16 UC40 ○ Champ 200 ✓ EMR3 - EDC 16 UC40 ○ Champ 350 ✓ EMR3 - EDC 16 UC40 • 2014 – Current ○ Champ 140 ✓ EMR4 – EDC 17 CV52 ○ Champ 200 ✓ EMR4 – EDC 17 CV52 ○ Champ 350 ✓ EMR4 – EDC 17 CV52
Pushback Tug	• 2008 – Current ○ Challenger 280 ✓ EMR3 - EDC 7 UC31 ○ Challenger 430 ✓ EMR3 - EDC 7 UC31 ○ Challenger 550 ✓ EMR3 - EDC 7 UC31 • 2010 – Current ○ Challenger 280 ✓ EMR3 - EDC 16 UC40 ○ Challenger 430 ✓ EMR3 - EDC 16 UC40 ○ Challenger 550 ✓ EMR3 - EDC 16 UC40 • 2014 – Current ○ Challenger 150 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 ○ Challenger 280 ✓ EMR4 – EDC 17 CV52 ○ Challenger 430

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Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV52
	   o Challenger 550
	     ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	   o Challenger 150
	     ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

TYM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TYM Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	   o T130
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54
	   o T62
	     ✓ EMR4 – EDC 17 CV52
	   o T654
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54
	   o T69
	     ✓ EMR4 – EDC 17 CV52
	   o T754
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54
	   o T76
	     ✓ EMR4 – EDC 17 CV52
	   o T78
	     ✓ EMR4 – EDC 17 CV52
	   o TJV755
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54
	   o TJV985
	     ✓ EMR4 – EDC 17 CV52

Equipment Type	Supported On

	✓ EMR4 – EDC 17 CV54
	   o TS125
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o TS130
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o TX58
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o TX62
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o TX68
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o TX76
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Ursus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ursus Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	   o C-3150
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	   o C3150 V
	       ✓ EMR4 – EDC 17 CV52
	   o C-380
	       ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

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Valpadana

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Valpadana Off-Highway equipment types and models:

Equipment Type	Supported On

Crane	• 2014 – Current
	   o 9000 Series
	     ✓ EMR4 – EDC 17 CV54
	• 2014 – 2024
	   o 7000 Series
	     ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Venieri

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Venieri Off-Highway equipment types and models:

Equipment Type	Supported On

Backhoe Loader	• 2014 – Current
	   o 10.23D
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54
	   o 10.23E
	     ✓ EMR4 – EDC 17 CV52
	   o 10.33C
	     ✓ EMR4 – EDC 17 CV52
	     ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On
Wheel Loader	2014 – Current 11.63B ✓ EMR4 – EDC 17 CV52 12.63B ✓ EMR4 – EDC 17 CV52 13.63B ✓ EMR4 – EDC 17 CV52 18.63B ✓ EMR4 – EDC 17 CV52 5.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 7.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.23F ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.23G ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 8.63TL ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 9.63C ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 2020 – Current 11.63B ✓ EMR4 – EDC 17 CV56 12.63B ✓ EMR4 – EDC 17 CV56 13.63B ✓ EMR4 – EDC 17 CV56 18.63B ✓ EMR4 – EDC 17 CV56

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> **NOTE:** Deutz 12-pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vemeer Off-Highway equipment types and models:

Equipment Type	Supported On
Directional Drill	2014 – Current - D10X15 S3 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - D20X22 S3 ✓ EMR4 – EDC 17 CV52 - D23X30 S3 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54
Pile Driver	2014 – Current - PD10 ✓ EMR4 – EDC 17 CV52
Stump Grinder	2014 – Current - SC852 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54
Tractor	2014 – Current - RTX125012 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - RTX450 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - RTX550 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - RTX750 ✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54 - XTS125012

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV52 ✓ EMR4 – EDC 17 CV54

Trommel Screen	• 2014 – Current
	   ○ TR5300
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54
	   ○ TR6400EU
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54

Wood Chipper	• 2014 – Current
	   ○ BC1000XL
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Vogele

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vogele Off-Highway equipment types and models:

Equipment Type	Supported On

Paver	• 2014 – Current
	   ○ 1300 31
	      ✓ EMR4 – EDC 17 CV52
	   ○ 700 I
	      ✓ EMR4 – EDC 17 CV52
	   ○ 800 3I
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Volvo CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Volvo CE Off-Highway equipment types and models:

Equipment Type	Supported On
Cold Planer	2008 – Current - MW Series (XY) - EMR3 - EDC 7 UC31 2010 – Current - MW Series (XY) - EMR3 - EDC 16 UC40
Vibratory Roller	2019 – 2024 - DD Series (XY) - EMR3 - EDC 16 UC40 - EMR3 - EDC 7 UC31

NOTE: Deutz 12-pin Off-Highway cable is required.

Wacker Neuson

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wacker Neuson Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	2014 – Current - DV 100 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 60 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 90 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - DV 50 Series - EMR4 – EDC 17 CV54
Excavator	2014 – Current - ET 90 Series

Equipment Type	Supported On
	✓ EMR4 – EDC 17 CV54

Telehandler	• 2014 – Current
	   ○ TH 700 Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54

Wheel Loader	• 2014 – Current
	   ○ WL 30 Series
	      ✓ EMR4 – EDC 17 CV54
	   ○ WL 40 Series
	      ✓ EMR4 – EDC 17 CV54
	   ○ WL 50 Series
	      ✓ EMR4 – EDC 17 CV54
	   ○ WL 90 Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54
	• 2020 – Current
	   ○ WL 90 Series
	      ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Weidemann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weidemann Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loader	• 2012 – 2016
	   ○ 3000 Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54
	• 2012 – 2024
	   ○ 2000 Series
	      ✓ EMR4 – EDC 17 CV52
	      ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On

	o 4000 Series
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	• 2014 – Current
	    o 2000T Series
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	       ✓ Diesel Control, Common Rail
	    o 3000T Series
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	    o 4000T Series
	       ✓ EMR4 – EDC 17 CV52
	    o 9000 Series
	       ✓ EMR4 – EDC 17 CV52
	       ✓ EMR4 – EDC 17 CV54
	    o 9500T Series
	       ✓ EMR4 – EDC 17 CV52
	• 2020 – Current
	    o 9000 Series
	       ✓ EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Weycor

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weycore Off-Highway equipment types and models:

Equipment Type	Supported On

Vibratory Loader	• 2014 – Current
	    o AW1000 Series
	       ✓ EMR4 – EDC 17 CV54
	• 2016 – 2019
	    o AW1100 Series
	       ✓ EMR3 - EDC 16 UC40
	       ✓ EMR3 - EDC 7 UC31

Equipment Type	Supported On
Wheel Loader	2014 – Current - AR100 Series - EMR4 – EDC 17 CV52 - AR250 Series - EMR4 – EDC 17 CV52 - AR400 Series - EMR4 – EDC 17 CV54 - AR400T Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR500 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR60 Series - EMR4 – EDC 17 CV54 - AR600 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR75 Series - EMR4 – EDC 17 CV54 - AR80 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 - AR95 Series - EMR4 – EDC 17 CV52 - EMR4 – EDC 17 CV54 2020 – Current - AR100 Series - EMR4 – EDC 17 CV56 - AR250 Series - EMR4 – EDC 17 CV56 - AR600 Series - EMR4 – EDC 17 CV56 - AR95 Series - EMR4 – EDC 17 CV56

NOTE: Deutz 12-pin Off-Highway cable is required.

Wirtgen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wirtgen Off-Highway equipment types and models:

Equipment Type	Supported On
Cold Planer	2014 – Current - W 100 RI - EMR4 – EDC 17 CV52 - W 120 RI - EMR4 – EDC 17 CV52 - W 35 RI - EMR4 – EDC 17 CV54 - W 50 RI - EMR4 – EDC 17 CV52 - W 60 RI - EMR4 – EDC 17 CV52 2020 – Current - W 100 RI - EMR4 – EDC 17 CV56 AW1100 Series - W 120 RI - EMR4 – EDC 17 CV56 AW1100 Series - W 50 RI - EMR4 – EDC 17 CV56 AW1100 Series - W 60 RI - EMR4 – EDC 17 CV56 AW1100 Series
Paver	2008 – Current - SP 15I - EMR3 - EDC 7 UC31 700 I AR250 Series - SP 20I - EMR3 - EDC 7 UC31 700 I AR250 Series - SP 25I - EMR3 - EDC 7 UC31 700 I AR250 Series - SP 61I - EMR3 - EDC 7 UC31 700 I AR250 Series - SP 62I

Equipment Type	Supported On

	✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	   o SP 64I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	• 2010 – Current
	   o SP 15I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 20I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 25I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 61I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 62I
	      ✓ EMR3 - EDC 16 UC40
	   o SP 64I
	      ✓ EMR3 - EDC 16 UC40
	• 2014 – Current
	   o SP 15I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 20I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 25I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 61I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 62I
	      ✓ EMR4 – EDC 17 CV52
	   o SP 64I
	      ✓ EMR4 – EDC 17 CV52

Placer/Spreader	• 2008 – Current
	   o WPS 62I
	      ✓ EMR3 - EDC 7 UC31 700 I AR250 Series
	• 2010 – Current
	   o WPS 62I
	      ✓ EMR3 - EDC 16 UC40

NOREGON.

Equipment Type	Supported On

	• 2014 – Current
	  o WPS 62I
	    ✓ EMR4 – EDC 17 CV52

Texture Curing Machine	• 2014 – Current
	  o TCM 180I
	    ✓ EMR4 – EDC 17 CV52
	  o TCM 95I
	    ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

Wollard

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wollard Off-Highway equipment types and models:

Equipment Type	Supported On

Loader	• 2014 – Current
	  o TC 888
	    ✓ EMR4 – EDC 17 CV52
	  o TC 999
	    ✓ EMR4 – EDC 17 CV52

Passenger Stair	• 2014 – Current
	  o CMPS 170
	    ✓ EMR4 – EDC 17 CV52
	  o CMPS 228
	    ✓ EMR4 – EDC 17 CV52

Scissor Lift	• 2014 – Current
	  o TML 704
	    ✓ EMR4 – EDC 17 CV52

NOTE: Deutz 12-pin Off-Highway cable is required.

XCMG

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following XCMG Off-Highway equipment types and models:

Equipment Type	Supported On

Asphalt Pavers	• 2008 – Current
	  ○ RP1356
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  ○ RP1356
	    ✓ EMR3 - EDC 16 UC40

Boom Hydraulic Pilot Drill	• 2008 – Current
	  ○ TZ3 Series
	    ✓ EMR3 - EDC 7 UC31
	• 2010 – Current
	  ○ TZ3 Series
	    ✓ EMR3 - EDC 16 UC40

Forklift	• 2014 – Current
	  ○ FD40T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ FD45T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ FD50T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ FD70T-JT
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

XTREME

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following XTREME Off-Highway equipment types and models:

Equipment Type	Supported On

Telehandler	• 2014
	  ○ XR 1500 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ XR 2000 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ XR 600 Series
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Yanmar

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Yanmar Off-Highway equipment types and models:

Equipment Type	Supported On

Excavator	• 2014 – Current
	  ○ B 110W
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ B 75W
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ B 95W
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Midi Excavator	• 2014 – Current
	  ○ SV 120
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Equipment Type	Supported On

Wheel Loader	• 2014 – Current
	  ○ V 100
	    ✓ EMR4 – EDC 17 CV54
	  ○ V 120
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  ○ V 70
	    ✓ EMR4 – EDC 17 CV54
	  ○ V 80
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Zetor

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following Zetor Off-Highway equipment types and models:

Equipment Type	Supported On

Tractor	• 2014 – Current
	  ○ Crystal Series, Engine: Final Tier 4/Stage IV
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV56
	  ○ Hortus Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 – EDC 17 CV54
	  ○ Major Series, Engine: Interim Tier 4/Stage IIIB
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

ZoomLion

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following ZoomLion Off-Highway equipment types and models:

Equipment Type	Supported On

Knuckle Boom	- 2014 – Current
	  o ZA14J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

Telescopic Boom Lift	- 2014 – Current
	  o ZA14J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54
	  o ZT26J
	    ✓ EMR4 – EDC 17 CV52
	    ✓ EMR4 – EDC 17 CV54

NOTE: Deutz 12-pin Off-Highway cable is required.

Off-Highway support for John Deere

- Bi-Directional support for John Deere engines:

Bi-Directional Test	Supported On
Cylinder Cut-Out	4045 and 6068 engines on applicable equipment
DPF Regeneration	4045 and 6068 engines on applicable equipment

Air-O-Fan

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Air-O-Fan Off-Highway equipment types and models:

Equipment Type	Supported On
Harvest Sprayer	- D-40R o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Bell

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bell Off-Highway equipment types and models:

Equipment Type	Supported On

Wheel Loader	• L1204E
	   o 4045 & 6068
	• L1506E
	   o 4045 & 6068

Wheeled Loader	• L1704E
	   o 6068
	• L1806E
	   o 6068
	• L2106E
	   o 6068
	• L2606E
	   o 06068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Bourgoin

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bourgoin Off-Highway equipment types and models:

Equipment Type	Supported On

Harvester	• B410
	   o 4045 & 6068
	• B510
	   o 4045 & 6068
	• B610
	   o 4045 & 6068
	• BC06
	   o 4045 & 6068
	• BH7100
	   o 4045 & 6068

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NOTE: Type-2 9-Pin Off-Highway cable is required.

CLAAS

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CLAAS Off-Highway equipment types and models:

Equipment Type	Supported On
Excavator	• Arion 6X0 CMATIC (A77), Engine: Final Tier 4 / Stage IV o 4045

Tractor	• Arion 4X0 C (A21), Engine: Tier3/Stage III
	   o 4045
	• Arion 5X0 CMATIC (A34/35), Engine: Interim Tier 4/Stage IIIB
	   o 4045
	• Arion 5X0 CMATIC (A75), Engine: Final Tier 4/Stage IV
	   o 4045 & 6068
	• Arion 5X0 HexaShift (A74), Engine: Interim Tier 4/Stage IIIB
	   o 4045
	• Arion 5X0 HexaShift (A74), Engine: Final Tier 4/Stage IV
	   o 4045 & 6068
	• Arion 5X0 CEBIS (A18), Engine: Tier 3/Stage III
	   o 6068
	• Arion 5X0 CIS (A18), Engine: Tier 3/Stage III
	   o 6068
	• Arion 6X0 CEMATIC (A36/A37), Engine: Interim Tier 4/Stage IIIB
	   o 4045
	• Arion 6X0 CEMATIC (A77), Engine: Final Tier 4/Stage IV
	   o 6068
	• Arion 6X0 HexaShift (A36/A37), Engine: Interim Tier 4/Stage IIIB
	   o 4045
	• Arion 6X0 HexaShift (A76), Engine: Final Tier 4/Stage IV

Equipment Type	Supported On

	o 4045 & 6068
	• Arion 6X0 C (A20), Engine: Tier 3/Stage III
	  o 4045
	• Arion 6X0 CEBIS (A19), Engine: Tier 3/Stage III
	  o 6068
	• Arion 6X0 CIS (A19), Engine: Tier 3/Stage III
	  o 6068
	• Axion 8X0 CEBIS (A31), Engine: Tier 3/Stage III
	  o 6068
	• Axion 8X0 CEBIS (A09/A30), Engine: Tier 3/Stage III
	  o 6068
	• Axion 8X0 CIS (A09/A30), Engine: Tier 3/Stage III
	  o 6068

Wheel Loader	• Torion 1100 Series, Engine: Final Tier 4/Stage IV
	  o 4045
	• Torion 1400 Series, Engine: Final Tier 4/Stage IV
	  o 4045
	• Torion 1500 Series, Engine: Final Tier 4/Stage IV
	  o 4045
	• Torion 900 Sinus Series, Engine: Final Tier 4/Stage IV
	  o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

COE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following COE Off-Highway equipment types and models:

Equipment Type	Supported On
Bankout	• R10 R Series

Equipment Type	Supported On
	o 4045 & 6068 • R8 R Series o 4045 & 6068
Bin Carrier	• W8 R Series o 4045 & 6068
Catching Frame Receiver	• L2 R Series o 4045
Elevator	• E5 Series o 4045 & 6068

Shaker	• C7 R Series
	   o 4045
	• E5 Series
	   o 4045
	• M7 R Series
	   o 4045
	• S7 R Pro Series
	   o 4045
	• S7 R Series
	   o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

CombiLift

• Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On

Forklift	• C-14000 Series
	   o 4045
	• C-25000 Series
	   o 4045 & 6068
	• C-30000 Series
	   o 4045 & 6068
	• C-55000 Series
	   o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Energreen

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Energreen Off-Highway equipment types and models:

Equipment Type	Supported On
Feeder	• ILF Alpha o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Flory

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Flory Off-Highway equipment types and models:

Equipment Type	Supported On
Sweeper	• 33 Series o 4045 • 34 Series o 4045 • 78 Series o 4045 & 6068 • 79 Series o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Genie

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Genie Off-Highway equipment types and models:

Equipment Type	Supported On
Knuckle Boom	• GTH-1000 Series o 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Global Environmental

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Global Environmental Off-Highway equipment types and models:

Equipment Type	Supported On
Multi-purpose Vehicle	• V6 Air o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Grim

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Grim Environmental Off-Highway equipment types and models:

Equipment Type	Supported On

Sprayer GT	• Serie GT
	   o 4045 & 6068
	• Serie Maxi
	   o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Hidromek

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hidromek Off-Highway equipment types and models:

Equipment Type	Supported On
Backhoe Loader	• HMK 100 B Series o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

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John Deere

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following John Deere Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	• 250D Series II o 6068
Asphalt Pavers	• 550P o 4045
Backhoe Loader	• 310J o 4045 • 310K o 4045 • 310K EP o 4045 • 310L o 4045 • 310P o 4045 • 310SJ o 4045 • 310SJ TC o 4045 • 310SK o 4045 • 310SK TC o 4045 • 310SL o 4045 • 315SJ o 4045 • 315SK o 4045H • 310SL o 4045 • 320P o 4045 • 325J

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Equipment Type	Supported On

	4045 ○ 4045
	• 410J
	  ○ 4045
	• 410J TC
	  ○ 4045
	• 410K
	  ○ 4045
	• 410K TC
	  ○ 4045
	• 410L
	  ○ 4045
	• 410P
	  ○ 4045
	• 444G
	  ○ 4045
	• 624J
	  ○ 6068
	• 624K
	  ○ 6068
	• 624K II
	  ○ 6068
	• 624KR
	  ○ 4045 & 6068
	• 644K
	  ○ 6068
	• CH500 Series
	  ○ 6068
	• WL53
	  ○ 6068H
	• WL56
	  ○ 6068H

Cold Planer	• 700K
	  ○ 4045 & 6068
	• 700L
	  ○ 6068
	• 710L
	  ○ 4045HT084

Equipment Type	Supported On

Crawler Dozer	• 450J
	  o 4045
	• 450K
	  o 4045
	• 450P
	  o 4045
	• 550J
	  o 4045
	• 550P
	  o 4045
	• 650J
	  o 4045
	• 650P
	  o 4045
	• 700J
	  o 6068
	• 850K
	  o 6068

Crawler Excavator	• 260E
	  o 6068
	• 260P
	  o 6068
	• 2654G
	  o 6068
	• 2656G
	  o 6068
	• 2654G
	  o 6068
	• 270D LC
	  o 6068
	• E210 LC
	  o 4045H(A)
	• E260 LC
	  o 6068H

Crawler Loader	• 744P o 6068

Equipment Type	Supported On
	748L-II 6068 750J 4045 750K 6068 755D 6068 764 6068 768L-II 6068 770P 6068 772P 6068
Engine	4045 4045 6068 4045 & 6068
Excavator	120D 4045 160D LC 4045 160G LC 4045 180G LC 4045 200D 4045 200G 4045 & 6068 210G LC 4045 & 6068 2154D 4045 & 6068 2154G

Equipment Type	Supported On
	○ 6068 2156G ○ 6068 240D LC ○ 6068 2454D ○ 6068 250G LC ○ 6068 290G LC ○ 6068 2954D ○ 4045 & 6068 350D LC ○ 6068 - CH300 Series ○ 4045 & 6068 - CH600 Series ○ 6068 - CH900 Series ○ 4045 - CTS Series ○ 6068 - E230 LC ○ 6068 - E300 LC ○ 6068 - E330 LC ○ 6068 - E380 LC ○ 6068 - E400 LC ○ 6068
Feller Buncher	930M ○ 6068 909K ○ 6068

Equipment Type	Supported On
	909M 6068 953M 6068 953MH 6068 953ML 6068 959K 6068 959M 6068 959MH 6068 959ML 6068
Forwarders	1010G 4045HFC93 1110G 6068HFC93 1210G 6068HFC93 1510G 6068HFC93 910G 4045HFC93
Harvester	1070D 6068H 1070E 4045 1170E 4045 130G LC 4045 3154G 6068 3156G

Equipment Type	Supported On
	- o 6068 • 337E - o 6068 • C100/C200/C600 Series - o 4045 • CWS Series - o 6068HZ • S400 Series - o 6068 • S500 Series - o 6068 • STS Series - o 6068 • T500 Series - o 4045 & 6068 • W200 Series - o 6068 • W500/W600 Series - o 6068 • WTS Series - o 4045 & 6068
Hydraulic Excavator	• 3500 Series - o 6068
Knuckle Boom	• 437E - o 6068
Loader	• 344L - o 4045 • S700 Series - o 6068
Loader Backhoe	• 710J - o 4045 • 710K - o 4045
Motor Grader	• 620G - o 4045 & 6068

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Equipment Type	Supported On
	620GP 4045 & 6068 620P 4045 & 6068 622G 4045 & 6068 622GP 4045 & 6068 622P 4045 & 6068 670G 6068 670GP 6068 670P 6068 672P 6068
Mulcher	- R4 Series 6068
Paver	650K Series 4045
Skidder	948L-II 6068
Swing	3754D 6068 3754G 6068 3756G 6068
Tractor	4030 Series 4045 & 6068 49XX Series 6068 5000 E Series

Equipment Type	Supported On

	o 4045
	 • 5M Series
	  o 4045
	 • 5MH Series
	  o 4045
	 • 5R Series
	  o 4045
	 • 5RN Series
	  o 4045
	 • 6025 Series
	  o 4045 HL
	 • 6030 Series
	  o 4045HL
	 • 6D Series
	  o 4045
	 • 6J Series
	  o 4045
	 • 6M Series
	  o 4045
	 • 6R Series
	  o 4045
	 • 7000 Series
	  o 6068
	 • 7030 Series
	  o 4045 & 6068
	 • 7J Series
	  o 6068
	 • 7R Series
	  o 6068
	 • 8030 Series
	  o 6068
	 • 8R Series
	  o 6068
	 • 9030 Series
	  o 6068
	 • 9R Series
	  o 6068

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Equipment Type	Supported On
Tractor/Loader/Backhoes	310E 6068 310L EP - E4045HT072 310SL HL 4045HT096
Tree Harvesters	1070G 6068HFC94 1170G 6068HFC94
Wheel Loader	210K 4045HT 210K EP 4045HT 210L 4045 210L EP 4045 344J 4045T 444J 4045 444JR 4045 444K 4045 524K 4045 524K II 6068 544G 4045 & 6068 544J 4045 & 6068 544K 4045

Equipment Type	Supported On
	544K II 4045 & 6068 550K 4045 640L-II 6068 643L-II 6068 644G 4045 & 6068 644J 6068 803M 6068 824P 6068 843L-II 6068 848L-II 6068 850J 6068 853M 6068 859M 6068
Wheel Loaders	624L - PVX 6068-2 644L - PowerTech PSS 6068 648L-II 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Johnston

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Johnston Off-Highway equipment types and models:

Equipment Type	Supported On
Sweeper	- RT Series o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Kuhn

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Kuhn Off-Highway equipment types and models:

Equipment Type	Supported On

Self-propelled Silage Cutter	- SPV Access Series
	    o 4045 & 6068
	- SPV Power Series
	    o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Liebherr

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Liebherr Off-Highway equipment types and models:

Equipment Type	Supported On
Crane	- TL 435-10 o 4045

Wheel Loader	- L 514
	    o 4045
	- L 518
	    o 4045
	- L 524
	    o 4045
	- L 526
	    o 4045

Equipment Type	Supported On

	• L 528
	  o 4045
	• L 538
	  o 4045
	• L 546
	  o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Manitou

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Manitou Off-Highway equipment types and models:

Equipment Type	Supported On

Telehandler	• MT 10000 Series
	  o 4045
	• MT 12000 Series
	  o 4045
	• MT 6000 Series
	  o 4045
	• MT 8000 Series
	  o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Mazzotti

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Mazzotti Off-Highway equipment types and models:

Equipment Type	Supported On

Self-Propelled Sprayer	• IBIS 2130, Engine: Final Tier 4/Stage IV
	  o 4045
	• IBIS 2130, Engine: Interim Tier 4/Stage IIIB
	  o 4045
	• IBIS 2130, Engine: Tier 3/Stage IIIA
	  o 4045 & 6068

Equipment Type	Supported On

	• IBIS 2530, Engine: Final Tier 4/Stage IV
	   ○ 4045
	• IBIS 2530, Engine: Interim Tier 4/Stage IIIB
	   ○ 4045
	• IBIS 2530, Engine: Tier 3/Stage IIIA
	   ○ 4045 & 6068
	• IBIS 3180 LP, Engine: Final Tier 4/Stage IV
	   ○ 4045
	• IBIS 3180 LP, Engine: Tier 3/Stage IIIA
	   ○ 4045 & 6068
	• MAF 2580, Engine: Final Tier 4/Stage IV
	   ○ 4045
	• MAF 2580, Engine: Tier 3/Stage IIIA
	   ○ 4045 & 6068
	• MAF 2580, Engine: Tier 5/Stage V
	   ○ 4045
	• MAF 3180, Engine: Final Tier 4/Stage IV
	   ○ PowerTech PSS 6068
	• MAF 3180, Engine: Tier 3/Stage IIIA
	   ○ 4045 & 6068
	• MAF 3580, Engine: Tier 5/Stage V
	   ○ PowerTech PSS 6068
	• MAF 3580, Engine: Tier 3/Stage IIIA
	   ○ 4045 & 6068
	• MAF 3580, Engine: Tier 5/Stage V
	   ○ 4045
	• MAF 4240, Engine: Tier 5/Stage V
	   ○ 6068
	• MAF 5240, Engine: Tier 5/Stage V
	   ○ 6068
	• MAF 6240, Engine: Tier 5/Stage V
	   ○ 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Menzi Muck

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Menzi Muck Off-Highway equipment types and models:

Equipment Type	Supported On
Wheel Excavator	- A91F o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Monchiero

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Monchiero Off-Highway equipment types and models:

Equipment Type	Supported On

Harvester	- 20125 FEROX
	   o 4045 & 6068
	- 20145
	   o 4045
	- 20240
	   o 6068

Shaker	- 30140 o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

MTS-Sandei

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MTS-Sandei Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	- SL Series o 6068

Equipment Type	Supported On
Rock Truck	• TH Series ○ 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

OXBO

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following OXBO Off-Highway equipment types and models:

Equipment Type	Supported On

Harvester	• 1080
	   ○ 4045
	• 4420
	   ○ 4045 & 6068
	• 6120
	   ○ 4045 & 6068
	• 6220
	   ○ 4045 & 6068
	• 6420
	   ○ 4045 & 6068
	• PH80
	   ○ 4045 & 6068
	• XL Series
	   ○ 4045

Self-Propelled Merger	• 4334
	   ○ 4045 & 6068
	• 5170
	   ○ 4045 & 6068
	• 5180
	   ○ 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

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Paus

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Paus Off-Highway equipment types and models:

Equipment Type	Supported On
Forklift	- PGS 18 4045 - PGS 22 6068 - PGS 26 6068 - PGS 30 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Pellenc

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pellenc Off-Highway equipment types and models:

Equipment Type	Supported On
Harvester	- MAVO 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Sgariboldi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sgariboldi Off-Highway equipment types and models:

Equipment Type	Supported On
Feeder	- Combi 8217 6068 - Combi 8220 6068 - Combi 8223 6068

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Equipment Type	Supported On

	• Combi 8225
	   ○ 6068
	• Combi 8228
	   ○ 6068
	• Grizzly 8118
	   ○ 6068
	• Grizzly 8120
	   ○ 6068
	• Grizzly 8122
	   ○ 6068
	• Grizzly 8125
	   ○ 6068
	• Grizzly 8128
	   ○ 6068
	• Gulliver 8021
	   ○ 6068
	• Gulliver 8025
	   ○ 6068
	• Gulliver 8028
	   ○ 6068
	• Gulliver 8031
	   ○ 6068
	• Titanium 8130
	   ○ 6068
	• Titanium 8132
	   ○ 6068
	• Titanium 8136
	   ○ 6068
	• Titanium 8140
	   ○ 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Sitrex-AGM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sitrex-AGM Off-Highway equipment types and models:

Equipment Type	Supported On
Combine	- Rapido 150 6068 - Rapido 180 6068 - Rapido 200 6068 - Rapido 220 6068 - Virage 140 6068 - Virage 170 6068 - Virage 200 6068 - Virage Maxi 200 6068 - Virage Maxi 220 6068 - Virage Maxi 240 6068 - Virage Maxi 270 6068
Feeder	- Feedstar 120 4045 - Feedstar 140 4045 - Feedstar 170 4045 - Feedstar 200 4045 - Premier 110 4045 - Premier 120

Equipment Type	Supported On
	o 4045
	• Premier 140
	o 4045
	• Premier 170
	o 4045
	• Premier 200
	o 4045
	• Premier Maxi 170
	o 6068
	• Premier Maxi 200
	o 6068
	• Premier Maxi 220
	o 6068
	• Premier Maxi 240
	o 6068
	• Premier Maxi 270
	o 6068
	• Premier Maxi 300
	o 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Spierings

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Spierings Off-Highway equipment types and models:

Equipment Type	Supported On
Crane	• SK1265, Engine: Euro 4
	o 4045
	• SK487, Engine: Euro 6+
	o 6068
	• SK498, Engine: Euro 4
	o 4045
	• SK597, Engine: Euro 6
	o 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Strautmann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Strautmann Off-Highway equipment types and models:

Equipment Type	Supported On
Mixer	- Sherpa Series 4045 - Verti-Mix Double SF Series 4045 & 6068 - Verti-Mix SF Series 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

TYM

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TYM Off-Highway equipment types and models:

Equipment Type	Supported On
Tractor	- K120 4045

NOTE: Type-2 9-Pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vermeer Off-Highway equipment types and models:

Equipment Type	Supported On
Chipper	- AX19 4045 - BC1500 4045
Crushing and Processing Equipment	- TR626 4045HFC93
Directional Drill	D100X120 S2

Equipment Type	Supported On

	o 4045 & 6068
	• D24X40 S3
	  o 4045
	• D36X50 S2
	  o 4045
	• D40X55 S3
	  o 4045

Trencher	• T555III
	  o 6068H
	• T558III
	  o 4045 & 6068
	• T655III
	  o 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

VREDO

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following VREDO Off-Highway equipment types and models:

Equipment Type	Supported On
Multi-Purpose	• VR2716 o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Weiss McNair

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Weiss McNair Off-Highway equipment types and models:

Equipment Type	Supported On

Sweeper	• 2850 Series
	  o 4045
	• 2930 Series
	  o 4045
	• JD80 Series

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Equipment Type	Supported On
	o 4045T • JD80LP Series o 4045 & 6068

NOTE: Type-2 9-Pin Off-Highway cable is required.

Off-Highway support for Komatsu

- Supports proprietary Faults and sensor data for the listed equipment types, models, and engines:

Equipment Type	Supported On
Excavators	• PC138USLC-11 with SAA4D95LE-7 engine • PC200LC-8 with SAA6D107E-1 engine • PC210LC-10 with SAA4D95LE-7 engine • PC210LC-11 with SAA6D107E-3 engine • PC290LC-11 with SAA6D107E-3 engine • PC360LC-10 with SAA6D114E-5 engine • PC360LC-11 with SAA6D114E-6 engine • PC490LC-11 with SAA6D125E-7 engine • PC88MR-10 with SAA4D95LE-6 engine • PC88MR-11 with SAA4D95LE-6 engine
Wheel Loaders	• WA270-7 with SAA6D107E-2 engine • WA320-7 with SAA6D107E-2 engine • WA380-7 with SAA6D107E-2 engine • WA270-8 with SAA6D107E-3 engine • WA320-8 with SAA6D107E-3 engine • WA380-8 with SAA6D107E-3 engine

NOTE: Komatsu 12-pin Off-Highway cable is required

- Bi-Directional support for Komatsu equipment:

Bi-Directional Test or Calibration	Supported On
Aftertreatment Injector Flow Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Aftertreatment Injector Leak Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Aftertreatment Injector Shutoff Valve Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Cylinder Cut-Out	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
DEF Doser Pump Override Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
DPF Service Regen	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Fuel Injector Performance Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Fuel Leakage Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
SCR Performance and System Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
VGT Hysteresis Test	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines
Wiggle Test/Performance Issue Monitoring	• Komatsu equipment with SAA6D107E-3, SAA6D114E-6, SAA6D125E-7, and SAA4D95LE-7 engines

Off-Highway Support for Kubota

- Supports proprietary sensor data for supported engines with part number 1H01 Aftertreatment Control Unit on applicable equipment.

- Bi-Directional support for Kubota engines:

Bi-Directional Test	Supported On
Cylinder Cut Off Test	• V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment
DPF Regen	• V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment
DPF Regen Interval Time Reset	• V2607-CR-TE4 and V3800-TIEF4 engines on applicable equipment
DPF Soot Load Reset	• V2607-CR-TE4 and V3800-TIEF4 engines on applicable equipment
EGR Valve On/Off Function	• V3800-TIEF4 engines on applicable equipment
Fuel Injector Compensation	• V2607-CR-TE4, V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment
Injector Injection Control Function Test	• Supported engines with part number 1H01 Aftertreatment Control Unit on applicable equipment
Supply Pump Learning Test	• V2607-CR-TE4, V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment
Wiggle Test/Performance Issue Monitoring	• V3307-CR-TE4, and V3800-TIEF4 engines on applicable equipment

Ammann

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ammann Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	• ARS70 o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Bandit

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bandit Off-Highway equipment types and models:

Equipment Type	Supported On
Other AG Equipment	- Citrus Special Bin Bandit - V3307-CR-T - High Density Bin Bandit - V3307-CR-T - High Density / Platform Bin Bandit - V3307-CR-T - Low Profile Bin Bandit - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Barbco

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Barbco Off-Highway equipment types and models:

Equipment Type	Supported On
Bore/Drill Rigs	30 – 250 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Bomag

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Barbco Off-Highway equipment types and models:

Equipment Type	Supported On
Pavers	- BF 200 C-2 - V3307-CR-T
Rollers	- BW 141 AD-5 - V3307-CR-T - BW 145 D-5 - V3307-CR-T

Equipment Type	Supported On
	- BW 145 DH-5 - V3307-CR-T - BW 145 PDH-5 - V3307-CR-T - BW 151 AC-5 - V3307-CR-T - BW 151 AD-5 - V3307-CR-T - BW 151 AD-5 AM - V3307-CR-T - BW 154 ACP-4I - V3307-CR-T - BW 154 ACP-4I AM - V3307-CR-T - BW 154 ACP-4V - V3307-CR-T - BW 154 ACP-4V AM - V3307-CR-T - BW 154 AD-5 - V3307-CR-T - BW 154 AP-4I - V3307-CR-T - BW 154 AP-4I AM - V3307-CR-T - BW 154 AP-4V - V3307-CR-T - BW 154 AP-4VAM - V3307-CR-T - BW 154 APO-4V - V3307-CR-T - BW 177 DH-5 - V3307-CR-T - BW 177 PDH-5 - V3307-CR-T - BW11RH-5 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Bright

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Bright Off-Highway equipment types and models:

Equipment Type	Supported On
Rough Terrain Forklifts	• BD3-7570 Back Deck (Poultry Forklift) ○ V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Broderson

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Broderson Off-Highway equipment types and models:

Equipment Type	Supported On

Cranes	• IC-100-B
	    ○ V3307-CR-T
	• IC-80-L
	    ○ V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Chicago Pneumatic

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Chicago Pneumatic Off-Highway equipment types and models:

Equipment Type	Supported On

Rollers	• SR130D / SR130PD
	    ○ V3307-CR-T
	• SR140
	    ○ V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

CombiLift

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following CombiLift Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	- C6000 - V3800-CR-TE4 - C8000 - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Dieci

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dieci Off-Highway equipment types and models:

Equipment Type	Supported On
Rough Terrain Forklifts	- Agri Farmer 28.7 GD / 30.7 GD / 28.9 GD / 30.9 GD - V3800-CR-TE4-TI - Agri Pivot T60 - V3307-CR-T - Apollo 26.6 - V3307-CR-T - Dedalus 28.7 / 28.9 / 30.7 / 30.9 GD - V3800-CR-TE4-TI - Icarus GD 40.14 / 40.17 / 50.18 - V3800-CR-TE4-TI - Mini Agr 26.6 - V3307-CR-T - Zeus GD 40.7 / 38.8 / 38.10 / 35.11 / 40.13 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Dynapac

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Dynapac Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- CA1300D, CA1300PD & CA1400(P)D - V3307-CR-T - CA1400D / PD (Stage IIIB/T4f) - V3307-CR-T - CA1400D / PD (Stage V) - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Ferrari

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Ferrari Off-Highway equipment types and models:

Equipment Type	Supported On
AG Tractors	- THOR K105 AR / K105 RS - V3800-CR-TE4 - VEGA K105 - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Global Pump

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Global Pump Off-Highway equipment types and models:

Equipment Type	Supported On
Pumps	4GSH (High Head Pump) - V3800-CR-TE4-TI 6GST (Trash Pump) - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hamm

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hamm Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- DV+ 70i VV-S/VO-S/VT-S - V3307-CR-T - H 5i & H 5i P - V3307-CR-T - H 7i & H 7i P & H 7i VIO - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hitachi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hitachi Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- ZC125M-5 - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Hyster

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Hyster Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	- H135FT & H155FT (Doc Engine) - V3800-CR-TE4-TI - H135FT & H155FT (H.O. Engine) - V3800-CR-TE4-TI - H170FT, H175FT & H190FT - V3800-CR-TE4-TI - H80FT, H90FT, H100FT, H110FT, & H120FT - V3800-CR-TE4-TI

Equipment Type	Supported On
	• S135FT & S155FT o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

John Bean

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following John Bean Off-Highway equipment types and models:

Equipment Type	Supported On
Other Industrial Equipment	• Sewer JET 700 o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Kubota

- Supports proprietary Faults and sensor data for the listed Kubota equipment types, models, and engines:

Equipment Type	Supported On

Ag Tractors	• M100G
	   o V3800-CR-TE4
	• M100GE
	   o V3800-CR-TE4
	• M1010W-K
	   o V3800-CR-TE4
	• M1010W-L
	   o V3800-CR-TE4
	• M105GX III
	   o V3800-CR-TE4
	• M105GX IV
	   o V3800-CR-TE4
	• M1060W
	   o V3800-CR-TE4
	• M110G
	   o V3800-CR-TE4

- M110GE
  - V3800-CR-TE4
- M4-071HDC12 4WD
  - V3307-CR-T4B
- M4D-061HDC12 4WD
  - V3307-CR-T4B
- M4D-071HDC12 4WD
  - V3307-CR-T4B
- M4N-071
  - V3800-CR-TE4
- M5-091 2WD
  - V3800-CR-TE4
- M5-091 4WD
  - V3800-CR-TE4
- M5-111 2WD
  - V3800-CR-TE4
- M5-111 4WD
  - V3800-CR-TE4
- M5L-111
  - V3800-CR-TE4-TI
- M5N-091
  - V3800-CR-TE4-TI
- M5N-111
  - V3800-CR-TE4-TI
- M6060
  - V3307-CR-T-E4B
- M6-101
  - V3800-CR-TE4-TI
- M6-101U
  - V3800-CR-TE4-TI
- M6-111
  - V3800-CR-TE4-TI
- M6-111U
  - V3800-CR-TE4-TI
- M6H-101
  - V3800-CR-TE4-TI
- M6L-111
  - V3800-CR-TE4-TI
- M6S-111 2WD

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- o V3800-CR-TE4-TI
- M6S-111 4WD
  - o V3800-CR-TE4-TI
- M7060
  - o V3307-CR-T-E4B
- M720W
  - o V3800-CR-TE4
- M860W-K
  - o V3800-CR-TE4
- M860W-L
  - o V3800-CR-TE4
- M95GX III
  - o V3800-CR-TE4
- M95GX IV
  - o V3800-CR-TE4
- MR1000
  - o V3800-CR-TE4
- MR1000A
  - o V3800-CR-TE4
- MR60
  - o V3307-CR-T
- MR600H
  - o V3307-CR-T
- MR65
  - o V3307-CR-T
- MR650H
  - o V3307-CR-T
- MR70
  - o V3307-CR-T
- MR700H
  - o V3307-CR-T
- MR77
  - o V3800-CR-TE4
- MR800
  - o V3800-CR-TE4
- MR87
  - o V3800-CR-TE4
- MR900
  - o V3800-CR-TE4

- MR97
  - V3800-CR-TE4
- SL380H
  - V3800-CR-TE4
- SL410H
  - V3800-CR-TE4
- SL450H
  - V3800-CR-TE4
- SL480H
  - V3800-CR-TE4
- SL540H
  - V3800-CR-TE4
- SL600H
  - V3800-CR-TE4
- SMZ805
  - V3800-CR-TE4
- SMZ875
  - V3800-CR-TE4
- SMZ955
  - V3800-CR-TE4

Compact Track Loader	- SVL 65-2s o V2607-CR-TE4

Excavators	- KX080-4a
	  o V3307-CR-T
	- KX080-4a 2PGL
	  o V3307-CR-T

Skid Steer Loaders	- SSV75 o V3307-CR-T

LeeBoy

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following LeeBoy Off-Highway equipment types and models:

Equipment Type	Supported On
Pavers	- 8520 o V3800-CR-TE4-TI - 8520B

Equipment Type	Supported On

	o V3800-CR-TE4-TI
	• 8530
	  o V3800-CR-TE4-TI
	• 8616C
	  o V3800-CR-TE4-TI
	• 8616D
	  o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

MEC

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MEC Off-Highway equipment types and models:

Equipment Type	Supported On

Aerial Lifts	• Titan 40-S Telescopic Diesel
	  o V3800-CR-TE4
	• Titan 60-S Telescopic Diesel
	  o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Mitsubishi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following MEC Off-Highway equipment types and models:

Equipment Type	Supported On

AG Tractors	• GV1000
	  o V3800-CR-TE4
	• GV60
	  o V3307-CR-T
	• GV65
	  o V3307-CR-T
	• GV70
	  o V3307-CR-T
	• GV77

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Equipment Type	Supported On
	○ V3800-CR-TE4 - GV800 ○ V3800-CR-TE4 - GV87 ○ V3800-CR-TE4 - GV900 ○ V3800-CR-TE4 - GV97 ○ V3800-CR-TE4 - GVK1000 ○ V3800-CR-TE4 - GVK60 ○ V3307-CR-T - GVK65 ○ V3307-CR-T - GVK70 ○ V3307-CR-T - GVK77 ○ V3800-CR-TE4 - GVK800 ○ V3800-CR-TE4 - GVK87 ○ V3800-CR-TE4 - GVK900 ○ V3800-CR-TE4 - GVK97 ○ V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Morooka

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Morooka Off-Highway equipment types and models:

Equipment Type	Supported On
Forestry Equipment	- MST-700VDL ○ V3800-CR-TE4-TI

Equipment Type	Supported On
Specialty Vehicles and Carts	• MST-700VD 3.5 o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Pasquali

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Pasquali Off-Highway equipment types and models:

Equipment Type	Supported On
AG Tractors	• Orion Sky Jump K105 Dualsteer o V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Red Rhino

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Red Rhino Off-Highway equipment types and models:

Equipment Type	Supported On
Crushing and Processing Equipment	• 7000+ Series o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Sakai

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sakai Off-Highway equipment types and models:

Equipment Type	Supported On

Rollers	• GW754 Vibratory Tire Roller
	   o V3800-CR-TE4-TI
	• R2-4
	   o V3307-CR-T
	• R2H-4 Static 3-Wheel 83" Roller

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Equipment Type	Supported On
	o V3307-CR-T • SV204 Series (TB/TF/T/D) o V3307-CR-T • SW654 o V3307-CR-T • SW654 & SW654ND Asphalt Roller o V3307-CR-T • SW654B o V3307-CR-T • SW654ND o V3307-CR-T • SW774 & SW774ND Asphalt Roller o V3800-CR-TE4-TI • TZ704 o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Sherman & Reilly

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sherman & Reilly Off-Highway equipment types and models:

Equipment Type	Supported On
Other Construction Equipment	• PLW-400X Plot Line Winder o V3307-CR-T-E4B

NOTE: Kubota 4-Pin Off-Highway cable is required.

Snorkel

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Snorkel Off-Highway equipment types and models:

Equipment Type	Supported On
Aerial Lifts	• 2100SJ o V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Sweeprite - Merit

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Sweeprite - Merit Off-Highway equipment types and models:

Equipment Type	Supported On
Scrubbers and Sweepers	- S3 Street Sweeper o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Takeuchi

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Takeuchi Off-Highway equipment types and models:

Equipment Type	Supported On

Skid Steer Loaders	- TL10V-2
	    o V3307-CR-T
	- TL8R-2
	    o V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

TSE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following TSE Off-Highway equipment types and models:

Equipment Type	Supported On

Other Construction Equipment	- UP85BDT
	    o V3307-CR-T-E4B
	- UP85BDTA (Badger)
	    o V3307-CR-T-E4B

NOTE: Kubota 4-Pin Off-Highway cable is required.

Vermeer

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Vermeer Off-Highway equipment types and models:

Equipment Type	Supported On
Other Construction Equipment	- Mega 2000 (VX100) - V3800-CR-TE4 - Mega 2600 (VX100) - V3800-CR-TE4 - VSK100XT-500 Air - V3800-CR-TE4 - VXK100XT-500 Air - V3800-CR-TE4 - VX100XT-800 Air - V3800-CR-TE4

NOTE: Kubota 4-Pin Off-Highway cable is required.

Wacker

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Wacker Off-Highway equipment types and models:

Equipment Type	Supported On
Rollers	- RC50 & RC50P - V3307-CR-T - RC70 & RC70P - V3307-CR-T

NOTE: Kubota 4-Pin Off-Highway cable is required.

Yale

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Yale Off-Highway equipment types and models:

Equipment Type	Supported On
Forklifts	- GP080-120VX (Turbo & DOC) - V3800-CR-TE4-TI

NOTE: Kubota 4-Pin Off-Highway cable is required.

Off-Highway Support for Volvo CE

- Supports reading proprietary diagnostic fault codes, event codes, and data for the following Volvo CE Off-Highway equipment types and models:

Equipment Type	Supported On
Articulated Dump Truck	- A Series (XY D) - D9 - A Series (XY E) - D9B - A Series (XY F) - D11H - A Series (XY G) - D11M - A Series (XY H) - D16J
Asphalt Pavers	- ABG Series (XY B) - D6J - P Series (XY B) - D6J & D7E - P Series (XY C) - D6E - P Series (XY D) - D8J
Backhoe Loader	- BL Series (XY B) - D5D - BL Series (XY) - D5D
Excavator	- EC Series (XY C) - D12D, D6E & D7E - EC Series (XY D) - D13H - EC Series (XY E) - D13J & D16J

Equipment Type	Supported On

	• EW Series (XY B)
	    o D6D
	• EW Series (XY C)
	    o D6E
	• EW Series (XY C) COMPACT
	    o D6E
	• EW Series (XY D)
	    o D6H
	• EW Series (XY E)
	    o D6J
	• FB Series (XY C)
	    o D9
	• FC Series (XY C)
	    o D6E & D7E

Grader	• G Series (XY B)
	    o D7D
	• G Series (XY C)
	    o D8J
	• G Series (XY)
	    o D7E

Pipe Layer	• PL Series (XY D)
	    o D8H
	• PL Series (XY E)
	    o D8J
	• PL Series (XY)
	    o D12D

Wheel Loader	• L Series (XY F)
	    o D6E
	• L Series (XY F) COMPACT
	    o D6E
	• L Series (XY G)
	    o D6H
	• L Series (XY GZ)
	    o D6E
	• L Series (XY H)
	    o D13E

Equipment Type	Supported On
	• L Series (XY H) COMPACT o D13E

JPRO® MEDIUM-DUTY FEATURES

- Medium-duty supports reading emissions faults and data from all standard US OBD vehicles since 2007.

- Supports the medium-duty ISO 15765, ISO 14229, J1850, GMLAN (CAN-based) and KWP2000 (CAN-based) messages.

- Enhanced connection support with greater diagnostic capabilities for newer Medium-Duty vehicles outside of the supported year range.

- Supports continuous refresh of selected data in the Data Monitor window.

- View Emissions on-board test results in the Emissions Test Results window.

- Aftertreatment Diagnostics displays data from aftertreatment related components, including Soot Level, and EGR data for rapid troubleshooting of the aftertreatment system.

  o Ability to view the following subsystems with related data:

    ✓ DEF Tank and Pump
    ✓ DPF and DOC
    ✓ Engine, EGR, and Turbocharger
    ✓ SCR

- Search the Data tab to quickly identify parameters of interest.

  o Aftertreatment Diagnostics supports the following Medium-Duty manufacturers:

    ✓ Ford
    ✓ GM
    ✓ Hino
    ✓ Isuzu

- Noregon DLA+ family adapters are required to connect to the Ford, GM, Hino, Isuzu or Sprinter Medium Duty vehicles. For detailed information on how to connect, see the User's guide titled "Connecting to the Data Bus on Medium Duty Vehicles".

Medium-Duty Support for Ford

- Supports the following Ford models:

  o F-series – 2004 to 2022
  o F-650 & F-750 – 2004 to 2022
  o Econoline E-series – 2004 to 2022
  o Ford Motorhome/Incomplete Chassis (F-53/F-59) – 2015 to 2022
  o Transit Connect – 2004 to 2022

- o Transit vehicles – 2004 to 2022

- Supports the following Cummins engines in Ford models:

  - o Cummins 5.9L ISB
  - o Cummins 6.7L ISB
  - o Cummins 8.3L ISB
  - o Cummins ISB

- Supports the following [Caterpillar](#) engines in Ford models:

  - o CAT 3126B Truck
  - o CAT 31126E Truck
  - o CAT C-7 Truck

- Supports the 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.

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

- Bi-Directional support for Ford Auxiliary components:

Bi-Directional Test	Supported On
DPF Regeneration (Static)	- Body Control Module - Powertrain Control Model 3.2L I5 Diesel 6.4L V-8 Diesel 6.7L V-8 Diesel - Transmission Control Module
G-Sensor Calibration Test	- Body Control Module - Powertrain Control Model 2.7L 4V V-6 3.5L V-6 4.6L 2V V-8 5.0L V-8 Gas 6.2L V-8 Gas 6.4L V-8 Diesel 6.7L V-8 Diesel 6.8L V-10 Gas 7.3L V-8 Gas
KAM (Keep Alive Memory) Reset	Body Control Module

Bi-Directional Test	Supported On

	• Powertrain Control Model
	  ○ 2.7L 4V V-6
	  ○ 3.2L I5 Diesel
	  ○ 3.5L EcoBoost V-6 Gas
	  ○ 3.5L V-6
	  ○ 3.5L 4V V-6 Gas
	  ○ 4.2L V-6
	  ○ 4.6L 2V V-8
	  ○ 4.6L 3V V-8
	  ○ 5.0L 4V V-8
	  ○ 5.0L V-8
	  ○ 5.4L 3V V-8
	  ○ 5.4L V-8 Gas
	  ○ 6.2L V-8 Gas
	  ○ 6.4L V-8 Diesel
	  ○ 6.7L V-8 Diesel
	  ○ 6.8L 2V V-10
	  ○ 6.8L 3V V-10 Gas
	  ○ 6.8L V-10 Gas
	  ○ 7.3L V-8 Gas
	• Transmission Control Module

KOEO Injector Buzz Test	• Body Control Module
	• Powertrain Control Model
	  ○ 3.2L I5 Diesel
	  ○ 6.7 V-8 Diesel
	• Transmission Control Module

KOEO On-Demand Self Test	• Body Control Module
	• Powertrain Control Model
	  ○ 2.7L 4V V-6
	  ○ 3.2L I5 Diesel
	  ○ 3.5L EcoBoost V-6 Gas
	  ○ 3.5L V-6
	  ○ 3.7L 4V V-6 Gas
	  ○ 3.7L V-6 Gas
	  ○ 4.6L 2V V-8
	  ○ 4.6L 3V V-8

Bi-Directional Test	Supported On

	○ 5.0L 4V V-8
	    ○ 5.0L V-8
	    ○ 5.0L V-8 Gas
	    ○ 5.4L 2V V-8
	    ○ 6.2L V-8 Gas
	    ○ 6.7L V-8 Diesel
	    ○ 6.8L 2V V-10
	    ○ 6.8L 3V V-10 Gas
	    ○ 6.8L V-10 Gas
	    ○ 7.3L V-8 Gas
	    ○ 7.3L V-8 Premium Gas
	• Transmission Control Module

KOER Glow Plug Monitor Self Test	• Body Control Module • Powertrain Control Model ○ 6.7L V-8 Diesel • Transmission Control Module

KOER On-Demand Self Test	• Body Control Module
	• Powertrain Control Model
	    ○ 2.7L 4V V-6
	    ○ 3.2L I5 Diesel
	    ○ 3.5L V-6
	    ○ 3.5L 4V V-6 Gas
	    ○ 4.6L 2V V-8
	    ○ 4.6L 3V V-8
	    ○ 5.0L 4V V-8
	    ○ 5.0L V-8
	    ○ 5.0L V-8 Gas
	    ○ 5.4L 2V V-8
	    ○ 5.4L V-8 Gas
	    ○ 6.2L V-8 Gas
	    ○ 6.4L V-8 Diesel
	    ○ 6.7L V-8 Diesel
	    ○ 6.8L 2V V-10
	    ○ 6.8L 3V V-10 Gas
	    ○ 6.8L V-10 Gas
	    ○ 7.3L V-8 Gas
	    ○ 7.3L V-8 Premium Gas

Bi-Directional Test	Supported On
	• Transmission Control Module

KOER Switch Test	• Body Control Module
	• Powertrain Control Model
	  ○ 2.5L DOHC PFI I-4 Gas
	  ○ 2.7L 4V V-6
	  ○ 3.2L I5 Diesel
	  ○ 3.5L EcoBoost V-6 Gas
	  ○ 3.5L V-6
	  ○ 3.7L 4V V-6 Gas
	  ○ 4.6L 2V V-8
	  ○ 4.6L 3V V-8
	  ○ 5.0L V-8
	  ○ 5.4L 3V V-8
	  ○ 5.4L 3V V-8 Gas
	  ○ 6.2L V-8 Gas
	  ○ 6.4L V-8 Diesel
	  ○ 6.7L V-8 Diesel
	  ○ 6.8L 3V V-10 Gas
	  ○ 6.8L V-10 Gas
	  ○ 7.3L V-8 Gas
	• Transmission Control Module

Misfire Monitor Profile Correction Learn Test	• Body Control Module
	• Powertrain Control Model
	  ○ 2.5L DOHC PFI I-4 Gas
	  ○ 2.7L 4V V-6
	  ○ 3.3L V-6
	  ○ 3.5L EcoBoost V-6 Gas
	  ○ 3.5L V-6
	  ○ 3.5L V6 Cyclone V-6 Gas
	  ○ 3.5L V-6 Gas
	  ○ 3.7L 4V V-6 Gas
	  ○ 4.6L 2V V-8
	  ○ 4.6L 3V V-8
	  ○ 5.0L 4V V-8
	  ○ 5.0L V-8
	  ○ 5.4L 2V V-8
	  ○ 5.4L 3V V-8

Bi-Directional Test	Supported On
	o 5.4L V-8 o 5.4L V-8 Gas o 6.2L V-8 Gas o 6.8L 2V V-10 Gas o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas
Misfire Monitor Test	• Body Control Module • Powertrain Control Model o 2.5L DOHC PFI I-4 Gas o 2.7L 4V V-6 o 3.3L V-6 o 3.5L EcoBoost V-6 Gas o 3.5L V-6 o 3.5L V6 Cyclone V-6 Gas o 3.5L V-6 Gas o 3.7L 4V V-6 Gas o 3.7L V-6 Gas o 4.2L V-6 o 4.6L 2V V-8 o 4.6L 3V V-8 o 5.0L 4V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 5.4L 3V V-8 Gas o 6.2L V-8 Gas o 6.8L 2V V-10 o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas
On-Demand Self Test	• 4X4 Control Module (4x4m) • Accessory Protocol Interface Module (APIM) • Audio Control Module (ACM)

Bi-Directional Test	Supported On

	• (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)
	• Driver Front Seat Module (DSM)
	• Driver/Dual Climate-Control Seat Module (DCSM)
	• Drivers Door Module (DDM)
	• 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)
	• Image Processing Module B (IPMB)
	• 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)
	• Powertrain Control Model
	    o 2.7L 4V V-6
	    o 3.2L I5 Diesel

Bi-Directional Test	Supported On
	3.5L V-6 3.5L V-6 Gas 3.7L 4V V-6 Gas 3.7L V-6 Gas 4.6L 2V V-8 5.0L 4V V-8 5.0L V-8 5.0L V-8 Gas 5.4L 2V V-8 6.2L V-8 Gas 6.4L V-8 Diesel 6.7L V-8 Diesel 6.8L 3V V-10 Gas 6.8L V-10 Gas 7.3L V-8 Gas - Navistar 6.0L V-8 Diesel • 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)
Power Balance Test	• Body Control Module • Powertrain Control Model

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Bi-Directional Test	Supported On
	o 2.5L DOHC PFI I-4 Gas
	o 2.7L 4V V-6
	o 3.2L I5 Diesel
	o 3.3L V-6
	o 3.5L EcoBoost V-6 Gas
	o 3.5L V-6
	o 3.5L V6 Cyclone V-6 Gas
	o 3.5L V-6 Gas
	o 3.7L 4V V-6 Gas
	o 3.7L V-6 Gas
	o 4.6L 2V V-8
	o 4.6L 3V V-8
	o 5.0L V-8
	o 5.0L V-8 Gas
	o 5.4L 2V V-8
	o 5.4L V-8
	o 5.4L V-8 Gas
	o 6.2L V-8 Gas
	o 6.4L V-8 Diesel
	o 6.7L V-8 Diesel
	o 6.8L 2V V-10 Gas
	o 6.8L 3V V-10 Gas
	o 6.8L V-10 Gas
	o 7.3L V-8 Gas
	o 7.3L V-8 Premium Gas
	• Transmission Control Module
Relative Compression Test	• Body Control Module
	• Powertrain Control Model
	o 2.5L DOHC PFI I-4 Gas
	o 2.7L 4V V-6
	o 3.2L I5 Diesel
	o 3.3L V-6
	o 3.5L EcoBoost V-6 Gas
	o 3.5L V-6
	o 3.5L V-6 Gas
	o 3.7L 4V V-6 Gas
	o 3.7L V-6 Gas

Bi-Directional Test	Supported On
	o 4.6L 2V V-8 o 4.6L 3V V-8 o 5.0L 4-V V-8 o 5.0L V-8 o 5.0L V-8 Gas o 5.4L 2V V-8 o 5.4L V-8 o 5.4L V-8 Gas o 6.2L V-8 Gas o 6.4L V-8 Diesel o 6.7L V-8 Diesel o 6.8L 2V V-10 Gas o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas o 7.3L V-8 Premium Gas • Transmission Control Module
Sensor Initialization	• Body Control Module • Powertrain Control Model o 2.5L DOHC PFI I-4 Gas o 2.7L 4V V-6 o 3.5L V-6 o 3.7L V-6 Gas o 4.6L 2V V-8 o 5.0L V-8 Gas o 6.2L V-8 Gas o 6.7L V-8 Diesel o 6.8L 3V V-10 Gas o 6.8L V-10 Gas o 7.3L V-8 Gas
Set EGR Position	• Body Control Module • Powertrain Control Model o 6.7L V-8 Diesel
Transmission Adaptive Learn Tests	• Body Control Module • Powertrain Control Model o 6.8L 3V V-10 Gas o 7.3L V-8 Gas

Bi-Directional Test	Supported On

Wiggle Test / Performance Issue Monitoring	• Powertrain Control Model
	   ○ 2.7L 4V V-6
	   ○ 3.2L I5 Diesel
	   ○ 6.4L V-8 Diesel
	   ○ 6.7L V-8 Diesel

Wiper Control Test	• Generic Electronic Module (GEM) • Smart Junction Box (SJB)
Wiper Washer Rear Test	• Generic Electronic Module (GEM) • Smart Junction Box (SJB)

- Bi-Directional support for Ford brakes:

Bi-Directional Test	Supported On
Battery Voltage Test	• Bendix EC-60 Standard ABS
Dashboard Lamp Tests	• Bendix EC-60 Premium ABS • Bendix EC-80 ABS
G-Sensor Calibration Test	• 2004 – 2021 Brakes
On Demand Self-Test	• 2004 – 2021 Brakes
Sensor Initialization	• 2004 – 2021 Brakes

- Bi-Directional support for Ford Driver Assistance Systems:

Bi-Directional Test	Supported On
IPMA Camera Alignment	• Image Processing Module A forward facing camera with 2019 – 2022 supported engines

- Bi-Directional support for Ford engines:

Bi-Directional Test	Supported On
DPF Regeneration	• 2008 – 2021 6.4L diesel engines • 2011 – 2022 6.7L diesel engines • 2015 – 2019 3.2L diesel engines
KAM (Keep Alive Memory) Reset	• All supported engines
KOEO Injector Buzz Test	• All supported engines
KOEO On Demand Self-Test	• All supported engines

Bi-Directional Test	Supported On
KOER On Demand Self-Test	• All supported engines
KOER Glow Plug Monitor Self-Test	• All supported diesel engines
KOER Switch Test	• 2004 – 2021 All supported diesel engines
Misfire Monitor Test	• 2008 – 2021 All supported gasoline engines
Misfire Profile Correction Learn Test	• 6.8L V-10 gasoline Engines • 2019 6.8L CNG engines • 2020 – 2022 7.3L gasoline engines
Power Balance Test	• 2008 – 2010 6.4L diesel engines • 2011 – 2022 6.7L diesel engines • 6.8L V-10 gasoline Engines
Relative Compression Test	• All supported engines 2008 – 2022 (except for 2009 6.4L Diesel)
Set EGR Position	• 2011 – 2021 6.7L diesel engines
Set EGR Throttle	• 2011 – 2021 6.7L diesel engines
Transmission Adaptive Learn Tests ✓ Clear Transmission Adaptive Tables ✓ Stop Using Transmission Adaptive Tables ✓ Halt Transmission Adaptive Learning ✓ Resume Transmission Adaptive Learning	• 2018 – 2021 Ford Motorhome/Incomplete Chassis (F-59) with: • 6.8L gasoline engines • 6.8L CNG engines • 7.3L gasoline engines

• Bi-Directional support for Ford Transmissions:

Bi-Directional Test	Supported On
Dashboard Lamp Tests	• Allison 3000/4000 5th Gen
Enable/Disable ATC (Automatic Traction Control)	• Allison 3000/4000 5th Gen
KOEO On Demand Self-Test	• 2004 – 2021 transmissions
KOER On Demand Self-Test	
Memorized Components Reset	• Allison 3000/4000 5th Gen
Reset Filter Life	• Allison 3000/4000 5th Gen

Reset Oil Life	• Allison 3000/4000 5th Gen
Service Indicator Lamp Test	• Allison 3000/4000 5th Gen
Transmission Fault Lamp Test	• Allison 3000/4000 5th Gen
Wiggle Test / Performance Issue Monitoring	• Allison 3000/4000 5th Gen

Medium-Duty Support for GM

- Supports the following vehicles:

  - ✓ 2002 – 2022 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500
  - ✓ 2002 – 2022 GMC Express and Chevy Savana
  - ✓ 2002 – 2010 GM Medium Duty
  - ✓ 2014 – 2022 GMC Canyon and Chevy Colorado
  - ✓ Freightliner trucks with GM 6.0L (L96) engines

- Supports GM 6.6L (L8T) engines on:

  - ✓ 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500
  - ✓ 2021 – 2023 GMC Express and Chevy Savana
  - ✓ 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500
  - ✓ 2022 – 2024 Chevy Silverado HD and GMC Sierra HD
  - ✓ 2020 – 2024 Freightliner MT45 trucks

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

- Supports the following Cummins Engines in GM models:

  - o Cummins B6.7

- Supports the medium duty J1850 VPW and GMLAN messages.

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

  NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

- Bi-Directional support for GM Auxiliary components:

Bi-Directional Test	Supported On
CMP Actuator Solenoid	• Engine Control Module
Crankshaft Position Variation Learn	• Engine Control Module

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Bi-Directional Test	Supported On
Cylinder Cut-Out Test	• Engine Control Module
Engine Speed Control	• Engine Control Module
EVAP Purge Solenoid	• Engine Control Module
EVAP Vent Solenoid	• Engine Control Module
Fuel Injector Balance	• Engine Control Module
Fuel Trim Enable	• Engine Control Module
HO2S Bank 1 Sensor 1 Heater	• Engine Control Module
HO2S Bank 2 Sensor 1 Heater	• Engine Control Module
HO2S Bank 2 Sensor 2 Heater	• Engine Control Module
Idle Spark	• Engine Control Module
Misfire Graphic	• Engine Control Module
Reset Fuel Trim	• Engine Control Module
Reset HO2S	• Engine Control Module
Spark Retard Angle	• Engine Control Module
Throttle Position	• Engine Control Module
Throttle Position Sweep	• Engine Control Module

- Bi-Directional support for GM engines:

Bi-Directional Test	Supported On
A/C Relay	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2021 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
CMP Actuator (CAM Phaser)	• 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine
CMP Actuator Solenoid	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2021 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 6.6L V8 (L96)
Crankshaft Position Variation Learn Test	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2021 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
Cylinder Cut-Out	• 2002 – 2022 all diesel and gasoline engines (except GM vehicles with CAT engines or 3.0L Duramax diesel) • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD • 2020 – 2024 Freightliner MT45 trucks with 6.6L Gas engine • 6.6L V8 (L96) • 6.6L V8 (L8T)
DPF Catalyst Reset	• 2010 – 2022 vehicles with a Duramax 6.6L Diesel engine • 2016 GMC Canyon and Chevy Colorado with a 2.8L Diesel Engine • 2017 – 2022 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L Diesel engine • 6.6L V8 (L5P)
DPF Pressure Sensor Reset	• 2010 – 2022 vehicles with a Duramax 6.6L Diesel engine • 2016 GMC Canyon and Chevy Colorado with a 2.8L Diesel Engine • 2017 – 2022 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L Diesel engine • 6.6L V8 (L5P)

Bi-Directional Test	Supported On
DPF Service Regen	2010 – 2022 vehicles with a Duramax 6.6L Diesel engine 2016 GMC Canyon and Chevy Colorado with a 2.8L Diesel Engine 2017 – 2022 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L Diesel engine 6.6L V8 (L5P) 6.6L V8 (LML) 6.6L V8 (LMM)
Engine Controls Ignition Relay	2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine 2022 – 2024 Chevy Silverado HD and GMC Sierra HD 2020 – 2024 Freightliner MT45 trucks with 6.6L Gas engine 6.6L V8 (L96)

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Bi-Directional Test	Supported On
Engine Speed Control	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L and 6.6L Gas engines • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 6.6L V8 (L96)
EVAP Purge Solenoid	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
EVAP Purge/Seal Solenoid	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2020 - 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
EVAP Vent Solenoid	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)
Fuel Control Loop Status	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
Fuel Injector Balance	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 6.6L V8 (L96)
Fuel Pump Relay	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
Fuel Trim Enable	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)
GEN L-Terminal	• 2010 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

Bi-Directional Test	Supported On
HO2S Heater Tests • Bank 1 Sensor 1 • Bank 1 Sensor 2 • Bank 2 Sensor 1 • Bank 2 Sensor 2	• 2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)
HO2S Heater Learn	• 2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine
Idle Spark	• 2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 6.6L V8 (L96)
Malfunction Indicator Lamp	• 6.6L V8 (L96)

Bi-Directional Test	Supported On
Misfire Graphic	• 2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD • 2020 – 2024 Freightliner MT45 trucks with 6.6L Gas engine • 6.6L V8 (L96)
NOx Sensor Reset: • Sensor 1 • Sensor 2	• 2010 – 2018 vehicles with a Duramax 6.6L Diesel engine • 2016 GMC Canyon and Chevy Colorado with a 2.8L Diesel Engine • 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L Diesel engine • 6.6L V8 (L5P)
Reductant Heater Tests: • Heater 1 • Heater 2 • Heater 3	• 2010 – 2018 vehicles with a Duramax 6.6L Diesel engine • 2016 GMC Canyon and Chevy Colorado with a 2.8L Diesel Engine • 2017 and 2018 GMC Savana or Canyon and Chevy Express or Colorado with a 2.8L Diesel engine
Reductant System Leak Test	
Reductant Tank Reset	
Reset Fuel Trim	• 6.6L V8 (L96)
Reset HO2S Heater Learn	• 6.6L V8 (L96)

Bi-Directional Test	Supported On
Reset Oil Life	2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine 2022 – 2024 Chevy Silverado HD and GMC Sierra HD 2020 – 2024 Freightliner MT45 trucks with 6.6L Gas engine 6.6L V8 (L96)
Reset RVS Disable Heater Learn	6.6L V8 (L96)
RVS Disable History Reset	2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine
Spark Retard	2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine 6.6L V8 (L96)

Bi-Directional Test	Supported On
Starter Relay	2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine 2022-2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine 2020 – 2024 Freightliner trucks with 6.6L Gas engine
Throttle Position	2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine 2022 – 2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine 2020 – 2024 Freightliner trucks with 6.6L Gas engine 6.6L V8 (L96)

Bi-Directional Test	Supported On
Throttle Position Sweep	• 2010 – 2018 GMC and Chevy Full Sized Trucks 1500, 2500, and 3500 with 6.0L Gas engine • 2010 – 2017 GMC Express and Chevy Savana with 6.0L Gas engine • 2011 GMC Canyon and Chevy Colorado with 6.0L Gas engine • 2020 – 2021 GMC and Chevy Full Sized Trucks 1500, 2500 and 3500 with 6.6L Gas engine • 2021 – 2023 GMC Express and Chevy Savana with 6.6L Gas engine • 2021 – 2024 Chevy Low Cab Forward 3500, 4500, 5500, 6500 with 6.6L Gas engine • 2022 – 2024 Chevy Silverado HD and GMC Sierra HD with 6.6L Gas engine • 2020 – 2024 Freightliner trucks with 6.6L Gas engine • 6.6L V8 (L96)

• Bi-Directional support for GM Transmissions:

Bi-Directional Test	Supported On
High Side Driver 1	
Line PC Solenoid	
PC Solenoid 2	
PC Solenoid 3	
PC Solenoid 4	
PC Solenoid 5	• Transmissions in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Reset Transmission Adapts	
Reset Transmission Oil Life	
Shift Transmission	
Shift Solenoid 1	
Shift Solenoid 2	
TCC Control Solenoid	

• Bi-Directional support for GM Brake Control Module:

Bi-Directional Test	Supported On
ABS Motor	
Automated Brake Bleed	
LF Inlet Valve Solenoid	
LF Outlet Valve Solenoid	• Brakes in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Rear Inlet Valve Solenoid	
Rear Outlet Valve Solenoid	
RF Inlet Valve Solenoid	
RF Outlet Valve Solenoid	

- Bi-Directional support for GM Body Controllers:

Bi-Directional Test	Supported On
Accy/RAP Relay	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Backup Lamps	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Courtesy Lamp	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
DRL	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Fog Lamps	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
High Beams	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Horn	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Incandescent Dimming	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
LED Dimming	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine

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LF Turn Signal	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
LR Turn Signal	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Low Beams	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Parking Lamps	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
RF Turn Signal	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
RR Turn Signal -	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Run/Crank Relay	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Shift Lock Solenoid	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Wiper High Speed Relay	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Wiper Relay	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine
Wiper Washer Motor	• Body Controllers in a 2010 – 2012 GMC Express and Chevy Savana with a 6.0L Gas engine

Medium-Duty Support for Hino

- Supports reading faults and data from all non-hybrid components in 2011 to 2019 Hino vehicles.

- Hino support gives users the ability to read and clear faults, read sensor data, and display emission test results.

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

- Bi-directional support for Hino engines:

Bi-Directional Test or Calibration	Supported On
Cruise Speed Customization ✓ Maximum Set Cruise Speed	• All Hino engines in 2011 – 2019 vehicles
Cylinder Cut-Out	• All Hino engines in 2011 – 2019 vehicles
DPF Manual Service Regen	• All Hino engines in 2011 – 2019 vehicles
DPF Soot Load Customization ✓ DPF Soot Load	• All Hino engines in 2011 – 2019 vehicles
Idle Shutdown Customization ✓ Idle Shutdown Setting Time	• All Hino engines in 2011 – 2019 vehicles
SCR Related Memory Reset	• All Hino engines in 2011 – 2019 vehicles

Medium-Duty Support for 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:
    - ✓ N-Series faults and data (engine, DEF and transmission only)
    - ✓ F-Series faults (engine and DEF only)
- Supports the medium duty GMLAN messages.
- Gives users the ability to read and clear faults and read freeze frames.

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

- Displays emission test results in North America.
- Bi-Directional support for:

Bi-Directional Test	Supported On
Cylinder Cut-Out	• 5.2L (4HK1) or 3.0L (4JJ1) engine in North America
DPF Service Regen	• 5.2L (4HK1) or 3.0L (4JJ1) engine in North America

Medium-Duty Support for Sprinter

- Supports reading faults and data for 2007 to 2015 Sprinter vehicles.

- Sprinter support gives users the ability to read and clear faults, read sensor data, and display emission test results.

NOTE: Access to clear faults can be removed. Contact Noregon support for more information.

- Bi-Directional support for Sprinter engines:

Bi-Directional Test	Supported On
Cylinder Cut-Out	• EPA 07 Diesel Engine
Compression Test	• EPA 07 Diesel Engine
Manual DPF Regen	• EPA 07 Diesel Engine
Injector Quantity Adjustment	• EPA 07 Diesel Engine
Initialize Rail Pressure	• EPA 07 Diesel Engine

- Bi-Directional support for Sprinter instrument clusters:

Bi-Directional Test	Supported On
Oil Change Reset	• 2007 – 2015 Instrument Cluster
Display Dimmer Test Routine	• 2007 – 2015 Instrument Cluster
Gauge Sweep Test	• 2007 – 2015 Instrument Cluster
LCD Display Test Routine	• 2007 – 2015 Instrument Cluster
Speaker Test Routine	• 2007 – 2015 Instrument Cluster

- Bi-Directional support for Sprinter's tire pressure monitor ECU:

Bi-Directional Test	Supported On
Tire Pressure Monitor Test	• 2007 – 2015 TPM

GENERAL FEATURES

- Diagnoses all vehicle components in a single application.
- Automatically connects to all supported and available data buses on the vehicle.
- Enhanced VIN decoding for North American VINs.
    - o Vehicle Series provided when available.
- Displays fault codes for all components on the supported data bus protocols.
- Displays manufacturer flash codes and descriptions for faults when available.
- Access to historical fault data from previous JPRO® connections which can be used to identify intermittent vehicle issues.

    NOTE: Requires internet access.

- Provides key data points in graphical displays for vehicle and components.
- Automatically displays all component parameters of interest in the Data Monitor.
    - ✓ Search, sort, or filter capabilities to easily identify parameters of interest.
    - ✓ Graph parameter changes over time.
    - ✓ Export up to the last 5 minutes of graphed data to local file.
- Data can be displayed in Metric or English units of measurement.
- Vehicle Readiness List displays information about each identified component.
- ECUs displayed on the Vehicle Tree with active faults are marked with a red exclamation point.
- Demo mode in Vehicle History enables users to explore JPRO features quickly and easily without needing access to vehicles.
- Access to 'What's New' document showing all supported features from the Connection Selection and Help menu.
- Icons for Fault Guidance and Clear Faults have been updated to prevent confusion.

Education and Troubleshooting Features

- Virtual Truck feature enables exercising JPRO features including bi-directional tests for training and educational purposes without the need for an actual truck connection.
    - ✓ Freightliner truck illustrates a Cummins engine aftertreatment issue and a brake issue with Wabco brakes.

- ✓ Volvo truck highlighting Bendix capabilities.
- ✓ Komatsu equipment highlighting off-highway capabilities.
- Bendix Demo Truck demonstrates the tests and data available for various Bendix ECU versions and configurations.

NOTE: This is for demonstration purposes only. Tests and data may not function realistically.

- Integrates with Fault Guidance to provide troubleshooting guidance.
  - o View troubleshooting information, wiring diagrams and step-by-step troubleshooting procedures for a fault with one click in JPRO® Commercial Vehicle Diagnostics.
  - o Interactive Wiring Diagrams make it easier to trace electrical connections.
  - o Enhanced integration features from the troubleshooting repair view:
    - ▪ View fault related data while simultaneously viewing repair procedures.
    - ▪ Clear faults to verify the repair without leaving the Fault Guidance screen.

NOTE: Access to this can be removed. Contact Noregon support for more information.

  - ▪ Access Bi-Directional functionality directly from the troubleshooting repair view.
  - ▪ Access to installed Maintenance or Service Data on the Fault Guidance screen.
  - o Works on vehicle without requiring a VIN.
  - o The following are currently supported
    - ▪ Heavy-Duty engines and aftertreatment systems
    - ▪ All Bendix components
    - ▪ Wabco components
    - ▪ Eaton transmissions
    - ▪ Ford and GM medium-duty engine and aftertreatment faults.
  - o Regular content updates to add more fault and component coverage.

NOTE: Fault Guidance is only available when JPRO® Professional Diagnostic Software with NextStep® Repair is the purchased product.

- View NextStep® Repair information and repair procedures in Fault Guidance when you connect your NextStep® Repair license key to JPRO.

NOTE: NextStep® Repair is a separate annual subscription to an interactive maintenance guide created and maintained by top ASE, OE, and JPRO-certified technicians. Click the NextStep Repair™ main toolbar button to visit the website for details.

- Download Service Data Sheets for Wabco, Bendix, and Haldex brakes, as well as Eaton transmissions

NOTE: only available when JPRO® Professional Diagnostic Software with NextStep® Repair is the purchased product.

- Access to Maintenance or Service Data in the fault window by automatically linking to available service data sheets for the selected fault.

  NOTE: Fault Guidance and Maintenance or Service Data Sheets for Wabco, Bendix, and Haldex brakes as well as Eaton transmissions are only available when JPRO® Professional Diagnostic Software with NextStep® Repair is the purchased product.

- Repair Mentor, an enhanced vehicle health indicator and assisted diagnostics tool, prioritizes vehicle issues and provides guidance for diagnosis and repair for heavy-duty vehicle connections.

- Most Likely Repair, available from Repair Mentor and Fault Guidance, provides information on the most frequent repairs for a fault.

  NOTE: Requires internet access.

- Possible Unrepaired Recalls, available from Repair Mentor and Fault Guidance, provides detailed information on possible NHTSA recalls for the connected vehicle.

  NOTE: Requires internet access.

- ECU Version Check will inform technicians when a firmware update is available for:
  - ✓ Cummins ECMs.
  - ✓ Detroit Diesel CPC, MCM, and ACM ECUs.

  NOTE: Visiting the dealership or having the correct OEM software is required to flash an ECU to the latest firmware.

- Overall vehicle health indicators including No J1939 Data, Cannot Detect Engine, Excessive CAN Error Frames, Active Faults Present, DPF Regen Inhibited, DPF Regen Needed, Consumable Fluid(s) Low, Battery Voltage Low, and Cannot Detect ABS.

- Fault Assistance providing technician friendly descriptions for fault status values from both the Fault Display and the Data Monitor.

- FMI Assistance providing technician friendly descriptions for fault code FMI values from both the Fault display and the Data Monitor.

- Industry Terms definitions available from the Fault Grid, Fault Guidance window, and the Data Monitor window.

- EPA Assistance available from the Data Monitor window provides a basic explanation of EPA standards, the systems and technologies involved as well as manufacturer examples.

- Lookup Code Assistant provides a reference for the equivalent term used in an ECU's Service Data Sheet.

- Power Diagram and Electrical Assistance available in Data Monitor to aid in the diagnosis of electrical problems for heavy-duty vehicle connections.

- Diagnostic connector pinout diagrams for Heavy-Duty and Medium-Duty cable connectors to aid in troubleshooting connection issues.

- Provides data bus utilization statistics on live heavy-duty and medium-duty vehicle connections.

- Displays CAN error frame data to aid in diagnosing communication issues.

- The Resource Portal enables quick access to the JPRO Certification program as well as other OEM training resources.

- Link to Noregon's library of training videos.

- Noregon Tech Tips educational and training videos will automatically play during vehicle connections while initial data is gathered to aid technicians in getting the most out of JPRO.

- Auto-launch of JPRO News & Insights information providing quick access to technician tips, white papers, and other information to aid technicians in getting the most out of JPRO.

Reporting Features

- Prints reports containing faults and key data.

- Automatically captures a vehicle snapshot recording containing all available ECUs and parameters on every vehicle connection.

- Ability to manually record logs for up to 1 hour of vehicle data for later analysis. Log will contain all ECU and parameter data that is requested and reported during the recording.

  NOTE: Log recording time may be limited by computer system resources.

- Ability to playback recorded logs and monitor parameters via Data Monitor.

- Ability to perform customized Preventative Maintenance Inspections. Inspection available in XML format as well as in PDF report format.

- Ability to perform customized Vehicle Inspections.

  o Checklists and Visual Inspection supports vehicle types: Tractor, Trailer, Box Truck, Bus and Truck.

  o Customize the inspection checklist for each vehicle type via Preferences.

  o Take notes and draw on default images or uploaded pictures for visual inspection.

  o Vehicle Components, Vehicle Key Data Points, Vehicle Issues, and Faults information included when inspection created from a live-vehicle connection or log file playback.

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    o   Optional disclaimer setup via Preferences.

    o   Supports saving customer signature as part of the Vehicle Inspection report.

    o   View and print a complete Vehicle Inspection Report.

Integration Features

- Register and view your Technician as a Service (TaaS) license information in JPRO. An active, registered license is required for TaaS support.

NOTE: TaaS is a separate product purchase that provides live support from Noregon master technicians and is registered to a single computer. Click the *TaaS Support* main toolbar button for more information or to register your TaaS license.

- Automatically detects OEM applications and provides convenient methods to launch them.

- Ability to download or launch Truck Check Up from OEM Portal when it is released.

NOTE: Download link currently opens *Clean Truck Check information website*.

- Link to download ServiceMaxx diagnostic applications from OEM Application Portal.

- Launches OEM component diagnostic applications in Fault Code Information. Simply click on the OEM application icon to launch the application for more information about that component.

- Launches OEM component diagnostic applications from the Software Connection Warnings dialog.

- Ability to integrate with third-party applications to collect vehicle data using JPRO's Data Collector API. Contact Noregon support for more information.

- Search mechanism to link to troubleshooting guides.

- Support report submission to Bendix by emailing the Bendix DTC Report to TechTeam@Bendix.com.

- Support submissions by enabling you to upload vehicle details to:

    ✓ The ASIST platform, developed by Decisiv, for Volvo and Mack dealers.

    ✓ PACCAR Solutions, developed by Decisiv, for PACCAR dealers.

    ✓ ISUZU Connect, developed by Decisiv, for Isuzu dealers.

    ✓ HINO INSIGHT, developed by Decisiv, for Hino dealers

    ✓ Navistar's OnCommand™ service.

    ✓ Ruan Transportation Management Systems.

NOTE: Access to this feature is disabled by default. Please contact Noregon support for more information.

- ✓ Trimble's TMT/TMW service.
  - o Edit and correct mileage and VIN information upon warranty submission. See submission history information via Vehicle History.

- Optional automatic submission of vehicle data to Navistar's OnCommand™ service when disconnecting from a vehicle.

- Launches OEM component diagnostic applications from the Software Connection Warnings dialog.

NOTE: Internet access is required for Decisiv (ASIST, PACCAR Solutions, ISUZU Connect, or HINO INSIGHT), and OnCommand™ Warranty submissions.

NOTE: Submitting Warranty to Decisiv (ASIST, PACCAR Solutions, ISUZU Connect, or HINO INSIGHT) requires personnel with Decisiv Admin level access to provide the Dealer ID or Decisiv App Username and Password. These items must be configured in Preferences.

NOTE: Submitting to Trimble's TMT/TMW service requires personnel with access to provide the Trimble URL, Username, and Password. These items must be configured in Preferences.

Configuration Features

- Ability to configure the application to launch at computer startup.

- Ability to automatically switch between USB, Wi-Fi®, or Bluetooth® when connecting with a DLA+ 3.0 Wireless adapter.

- Ability to automatically switch between USB or Wi-Fi® when connecting with a DLA+ 2.0 Wireless, or DLA+ Wireless adapter.

- Ability to remove access to setting road and cruise speed limits. If interested in limiting these capabilities, contact Noregon support (support@noregon.com).

Product Support Features

- Links to contact Noregon support or sales from within the application.

- Links to enable remote access for support.

- Support for automatic updates.

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- Easy access to Noregon DLA+ family adapter test tools to aid in diagnosing connection problems.

HARDWARE / SOFTWARE CONFIGURATION

The following operating systems are supported:

✓ Windows 10 (both 32 and 64-bit versions)

✓ Windows 11

NOTE: Spanish operating systems are supported.

NOTES

1) 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; offline registration is not supported.

   - A confirmation code may be required to complete registration. If this is the case, the confirmation code will be sent to the email address used during registration and must be provided to complete registration.

2) 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.

   - Only Noregon DLA+ family adapters are supported:
     - ✓ DLA+ 3.0
     - ✓ DLA+ 3.0 Wireless
     - ✓ DLA+ 2.0
     - ✓ DLA+ 2.0 Wireless
     - ✓ Trailer Diagnostic Adapter
     - ✓ DLA+
     - ✓ DLA+ Wireless
     - ✓ DLA+ PLC

3) Noregon DLA+ family adapters are required to connect to the Ford, GM, Isuzu or Sprinter Medium Duty vehicles. Please ensure you have the latest driver and firmware loaded.

   - ✓ DLA+ 3.0
   - ✓ DLA+ 3.0 Wireless
   - ✓ DLA+ 2.0
   - ✓ DLA+ 2.0 Wireless
   - ✓ DLA+
   - ✓ DLA+ Wireless

   - To connect to Ford, use the OBDII Cable for Ford (red).

   - To connect to GM, use the OBDII Cable for GM (yellow).

   - To connect to Sprinter, use the OBD Cable for Sprinter (blue for DLA+ adapter family or gray for DLA+ 3.0 and DLA+ 2.0 adapter family).

   - To connect to Hino or Isuzu, use the Generic OBD Cable (blue or gray)

4) JPRO® Off-Highway only supports the following Noregon adapters:

- ✓ DLA+ 3.0 or DLA+ 3.0 Wireless adapter
- ✓ DLA+ 2.0 or DLA+ 2.0 Wireless adapter

- o To purchase Off-Highway cables for the DLA+ 3.0, DLA+ 2.0, DLA+ 3.0 Wireless, or DLA+ 2.0 Wireless adapter, please visit https://jpronewsandinsights.kinsta.cloud/cable-connection-guide/, Email jprosolutions@noregon.com or call 855-889-JPRO (5776) toll-free.

5) Trailer diagnostic connections with the Universal J560 PLC Adapter must be combined with a Noregon DLA+ 3.0, DLA+ 2.0, DLA+, 3.0 Wireless, DLA+ 2.0 Wireless, DLA+ Wireless, or DLA+ PLC adapter.

6) Trailer diagnostic connections with the 4-pin to 9-pin extended diagnostic cable adapter combined with a Noregon DLA+ 3.0, DLA+ 2.0, DLA+, DLA+ 3.0 Wireless, DLA+ 2.0 Wireless or DLA+ Wireless adapter.