






Sensor And Parameter Value Monitor - Template Parameter List For Pre-OBd (9-Pin Diagnostic Connector) Chassis In Premium Tech Tool (PTT); Regeneration And Road Test Sensor Monitor Parameters - US07 And US10 Emissions, Model Years 2008 To 2013



> Internal Content

Situations may arise where a template file does not load correctly, is not available, or does not function correctly when loaded, it may be necessary to manually select the parameters required for data analysis.

Lists of all of the parameters used in the three most common templates utilized for recordings are located below. If manual entry is required for a test requested by Dealer Technical Support, use the list of parameters for the test that is specified in the eService case. If the recording is being made for analysis by the dealer, use the applicable list for the symptoms and codes.

Template Name	File
Emissions and Regeneration	
Low Power	
Oil Pressure	

 Tags [k03584415](#) [mack](#) [volvo](#)

 Live UI

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Emissions/Regen Parameters

MID 128

PID

- 26 – Estimated fan speed
- 27 – EGR valve 1 position
- 81 – Particulate Trap Differential Pressure
- 91 – Accelerator Pedal Position
- 92 – Engine Load
- 93 – Output Torque
- 94 – Fuel Supply Pressure
- 103 – Turbocharger #1 Speed
- 105 – Intake Manifold Temperature
- 110 – Engine Coolant Temperature
- 173 – Exhaust Gas Temperature
- 190 – Engine Speed
- 404 – Turbocharger Compressor Outlet Temp
- 411 – Recirculated Engine Exhaust Gas Diff Pressure (EGR dP)
- 412 – EGR Temperature
- 439 – Extended Boost Pressure

PPID

- 35 – EGR Mass Flow
- 88 – VGT Motor Effort
- 270 – NOx Gas Outlet
- 273 – Aftertreatment Reagent Pressure
- 274 – Aftertreatment Reagent Tank Temperature
- 278 – Aftertreatment Reagent Level
- 307 – VGT Position
- 326 – Soot Level
- 329 – Aftertreatment Fuel Injector
- 387 – Exhaust Temperature Sensor #2
- 436 – Exhaust Temperature Sensor #3
- 1554 – Aftertreatment Reagent Pump Motor
- 1669 – Reagent Dosage System Status

MID 140

PID

- 171 – Ambient Air Temperature

Low Power

MID 128

PID

- 26 – Estimated Percentage Fan Speed
- 27 – EGR Valve 1 Position
- 81 – Particulate Trap Differential Pressure
- 84 – Vehicle Speed
- 91 – Accelerator Position %
- 92 – Engine Load %
- 93 – Output Torque
- 94 – Fuel Supply Pressure
- 103 – Turbocharger #1 Speed
- 105 – Intake Manifold Temperature
- 108 – Barometric Pressure
- 110 – Engine Coolant Temperature
- 171 – Ambient Air Temperature
- 173 – Exhaust Gas Temperature
- 183 – Fuel Rate
- 190 – Engine Speed
- 404 – Turbo Compressor Outlet Temperature
- 411 – Recirculated Engine Exhaust Gas Diff Pressure
- 412 – EGR Temperature
- 439 – Extended Boost Pressure

PPID

- 35 – EGR Mass Flow
- 88 – VGT Motor Effort
- 270 – NOx Sensor Gas Outlet
- 273 – After-treatment Reagent Pressure
- 274 – After-treatment Reagent Tank Pressure
- 307 – VGT Position
- 329 – Aftertreatment Fuel Injector
- 387 – Exhaust Gas Temperature Sensor #2
- 436 – Exhaust Gas Temperature Sensor #3
- 437 – Aftertreatment Injector Fuel Pressure Sensor
- 1554 – Aftertreatment Reagent Pump Motor
- 1669 – Reagent Dosage System Status

MID 140

- 177 – Transmission Oil Temperature

Oil Pressure

MID 128

PID

- 26 – Estimated Percentage Fan Speed
- 27 – EGR Valve 1 Position
- 81 – Particulate Trap Differential Pressure
- 84 – Vehicle Speed
- 91 – Accelerator Pedal Position, %
- 92 – Engine Load, %
- 93 – Output Torque
- 100 – Engine Oil Pressure
- 103 – Turbocharger #1 Speed
- 105 – Intake Manifold Pressure
- 110 – Engine Coolant Temperature
- 173 – Exhaust Gas Temperature
- 175 – Engine Oil Temperature
- 190 – Engine Speed
- 354 – Relative Humidity
- 404 – Turbocharger Compressor Outlet Temperature
- 411 – Recirculated Engine Exhaust Gas Diff Pressure
- 412 – EGR Temperature
- 439 – Extended Boost Pressure

PPID

- 8 – Piston Cooling Oil Pressure
- 35 – EGR Mass Flow
- 88 – VGT Motor Effort
- 307 – VGT Position
- 1368 – Piston Cooling Valve
- 1369 – Oil Thermostat Valve

MID 140

PID

- 171 – Ambient Air Temperature
- 177 – Transmission Oil Temperature