

iDash 1.8 Vehicle Parameter List

Vehicle: 2017 GM 2500 6.6L L5P Duramax

Air Density

Density % - Ambient Air
Density % - Boost Air
Density % - Cylinder
Density % - Manifold Air
Density m - Ambient Air
Density m - Boost Air
Density m - Cylinder
Density m - Manifold Air
Density Ratio - System

Diagnostics

Dist Traveled While MIL Active
Distance Since DTCS Cleared
Engine Run Time
Idle Run Time
MIL Status
Total Engine Run Time
Warmups Since DTCS Cleared

Emissions

% DPF Soot Load
% Particulate Matter Bank 1
AVG DEF Commanded
Avg Distance Between DPF Regen
Avg Time Between DPF Regen
DEF Fluid Level
DEF Fluid Level Low
DPF Regen Status
EGR Duty Cycle Actual
EGR Duty Cycle Commanded
EGR Error
Monitor - Boost Pressure System
Monitor - Comprehensive Component
Monitor - EGR and/or VVT System
Monitor - Exhaust Gas Sensor
Monitor - Fuel System

Monitor - Misfire
Monitor - NMHC Catalyst
Monitor - NOx/SCR Aftertreatment
Monitor - PM Filter
NOX Bank 1 Sensor 1
NOX Bank 1 Sensor 2
SCR Inducement State

Engine Performance - Air

Air Induction Ratio
CFM Engine
CFM Inducted
Mass Air Flow
Throttle Commanded
Throttle Position
Turbo Vane Command
Turbo Vane Position

Engine Performance - Fuel

Brake Specific Fuel Consumption
Fuel Flow Rate
Fuel Tank Level
Injection Timing Advance

Pressure

Ambient Air Pressure
Boost Commanded
Boost Pressure
Boost Pressure A
DPF Delta Press
FRP Commanded
Fuel Rail Pressure
Lift Pump Fuel Pressure
Manifold Absolute Pressure
Pressure Ratio - System

Speed and Velocity

Engine RPM
Vehicle Speed

Temperature

Ambient Air Temp
CAC Temp Bank 1 Sensor 1
CAC Temp Bank 1 Sensor 2
EGR Temp Bank1 Sensor 1
EGR Temp Bank1 Sensor 2
Engine Coolant Temp
Engine Oil Temp
Exh Temp Bank 1 Sensor 1
Exh Temp Bank 1 Sensor 2
Exh Temp Bank 1 Sensor 3
Exh Temp Bank 1 Sensor 4
Fuel Rail Temp A
IAT Bank 1 Sensor 1
IAT Bank 1 Sensor 2
IAT Bank 1 Sensor 3

Vehicle Performance

Accelerator Pedal D
Accelerator Pedal E
Calc Engine Horsepower
Calc Engine Torque
Calculated Engine Load
Engine Displacement
Engine Reference Torque
Torque % Actual
Torque % Commanded

Voltage

Battery Voltage
B-Bus Battery Voltage