

iDash Parameter List - 2015 Ram 1500 EcoDiesel 3.0L

Air Density		
Label	Description	Unit
J607	Correction Factor SAE J607	
THR-DD	Delta Density - Throttle	LB/1KFT3
THR-DD	Delta Density % - Throttle	%
AAD	Density - Ambient Air	LB/1KFT3
BAD	Density - Boost Air	LB/1KFT3
MAD	Density - Manifold Air	LB/1KFT3
AAD	Density % - Ambient Air (J607)	%
BAD	Density % - Boost Air	%
MAD	Density % - Manifold Air (J607)	%
DN-ALT	Density Altitude	FT
D-RAT	Density Ratio - System	
PR-ALT	Pressure Altitude	FT
SAT-P	Saturation Pressure	INHG
VAP-P	Vapor Pressure	INHG

Engine Performance - Air		
Label	Description	Unit
HPC-1K	Ambient Custom Fuel Power Potential per 1000 CFM	HP/1k
HPD-1K	Ambient Diesel Power Potential per 1000 CFM	HP/1k
HPE-1K	Ambient E85 Power Potential per 1000 CFM	HP/1k
HPG-1K	Ambient Gas Power Potential per 1000 CFM	HP/1k
HPM-1K	Ambient Methanol Power Potential per 1000 CFM	HP/1k
CFM-EN	CFM Engine	
CFM-IND	CFM Inducted	
MAF	Mass Air Flow	GRAM/S
THRT-C	Throttle Commanded	%
THRT-P	Throttle Position	%
VT CMD	Turbo Vane Command	%
VT POS	Turbo Vane Position	%

Vehicle Performance		
Label	Description	Unit
	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
TRQREF	Engine Reference Torque	FT-LB
HP-ECU	Horsepower ECU	HP
HP-MAX	Horsepower Maximum	HP
HP-POT	Horsepower Potential	HP
TORQUE	Torque % Actual	%
TRQCMD	Torque % Commanded	%
TQ-ECU	Torque ECU	FT-LB

Emissions		
Label	Description	Unit
PM 1	% Particulate Matter Bank 1	%
DPFDIS	Avg Distance Between DPF Regen	MILES
DPFTIM	Avg Time Between DPF Regen	MIN
DEFVLV	DEF Fluid Level	%
DEFLOW	DEF Fluid Level Low	
REGEN	Dpf Regen Status	
DPF RG	DPF Regen Trigger	%
EGRACT	EGR Duty Cycle Actual	%
EGRCMD	EGR Duty Cycle Commanded	%
EGRERR	EGR Error	%
BPS M	Monitor - Boost Pressure System	
COMP M	Monitor - Comprehensive Component	
EGR M	Monitor - EGR and/or VVT System	
EGAS M	Monitor - Exhaust Gas Sensor	
FUEL M	Monitor - Fuel System	
MIS M	Monitor - Misfire	
HCCAT	Monitor - NMHC Catalyst	
NCAT M	Monitor - NOx/SCR Aftertreatment	
PMF M	Monitor - PM Filter	
NOX1/1	NOX Bank 1 Sensor 1	PPM
NOX1/2	NOX Bank 1 Sensor 2	PPM
SCRSTA	SCR Inducement State	

Engine Performance - Fuel		
Label	Description	Unit
AFR1/1	Air Fuel Ratio Bank1 Sensor1	AFR
FUEL R	Fuel Flow Rate	GPH
TM ADV	Injection Timing Advance	°BTDC

Diagnostics		
Label	Description	Unit
MILDIS	Dist Traveled While MIL Active	MILES
DTCTRV	Distance Since DTCS Cleared	MILES
RUN TM	Engine Run Time	MIN
FLAG	Flag	
MIL	MIL Status	
ENGRUN	Total Engine Run Time	HR
WARMUP	Warmups Since DTCS Cleared	COUNT

Speed and Velocity		
Label	Description	Unit
RPM	Engine RPM	
SPEED	Vehicle Speed	MPH

Pressure		
Label	Description	Unit
AAP	Ambient Air Pressure	PSIA
AAP	Ambient Air Pressure (inHg)	INHG
BOOST	Boost Pressure	PSIG
BST-VA	Boost/Vacuum Pressure	PSIG
CMP-IP	Compressor Inlet Pressure A	PSIA
DPFDP1	DPF Delta Press	PSIA
EXH P1	Exhaust Pressure Bank 1	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (inHg)	INHG
MAPCMD	MAP Commanded	PSIA
P-RAT	Pressure Ratio - System	

Temperature		
Label	Description	Unit
	Ambient Air Temp	°F
AAT	Ambient Air Temp Absolute (in Rankin)	R
CAC1/1	CAC Temp Bank 1 Sensor 1	°F
CAT1/1	Catalyst Temp Bank 1 Sensor 1	°F
SYS-DT	Delta Temperature System	
THR-DT	Delta Temperature Throttle	°F
EGR1/1	EGR Temp Bank1 Sensor 1	°F
ECT	Engine Coolant Temp	°F
EOT	Engine Oil Temp	°F
EGT1/1	Exh Temp Bank 1 Sensor 1	°F
EGT1/2	Exh Temp Bank 1 Sensor 2	°F
EGT1/3	Exh Temp Bank 1 Sensor 3	°F
FUEL T	Fuel Rail Temp A	°F
IAT1/1	IAT Bank 1 Sensor 1	°F
IAT1/2	IAT Bank 1 Sensor 2	°F
IAT1/3	IAT Bank 1 Sensor 3	°F
MAT	Manifold Air Temp	°F

Voltage		
Label	Description	Unit
BATT*	B-Bus Battery Voltage	V
BATT	ECU Battery Voltage	V
O2 1/1	WB O2 Volt Bank1 Sensor1	V