

iDash Parameter List - 2015 Ram 6.7L Cummins

Air Density

Label	Description	Unit
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 (J607)	%
MAD	Density % - Manifold Air	%
DN-ALT	Density Altitude	FT
D-RAT	Density Ratio - System	%
PR-ALT	Pressure Altitude	FT
J1349	SAE J1349 Correction Factor	
J607*	SAE J607 Correction Factor	

Engine Performance - Air

Label	Description	Unit
AI-RAT	Air Induction Ratio	
CFM-ENG	CFM Engine	CFM
CFM-IND	MAF Calculated	CFM
MAF-CAL	MAF Calculated	GRAM/S
MAF	Mass Air Flow	GRAMS/S
THRT-C	Throttle Commanded	%
THRT-R	Throttle Position Relative	%
VT CMD	Turbo Vane Command	%
VT POS	Turbo Vane Position	%

Vehicle Performance

Label	Description	Unit
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
APPREL	Accelerator Pedal Relative	%
HPCALC	Calc Engine Horsepower	HP
TRQCAL	Calc Engine Torque	FT-LB
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
TRQ FR	Engine Friction % Torque	%
TRQREF	Engine Reference Torque	FT-LB
TORQUE	Torque % Actual	%
TRQCMD	Torque % Commanded	%

Speed and Velocity

Label	Description	Unit
RPM	Engine RPM	
TUR-RPM	Turbo A RPM	K RPM
SPEED	Vehicle Speed	MPH

Voltage

Label	Description	Unit
BATT	Battery Voltage	V
BATT*	B-Bus Battery Voltage	V

Emissions

Label	Description	Unit
DPFDIS	Avg Distance Between DPF Regen	MILES
DPFTIM	Avg Time Between DPF Regen	MIN
DEFVLV	DEF Fluid Level	%
DEFLOW	DEF Fluid Level Low	
DPF RG	DPF Regen Trigger	%
EGRACT	EGR Duty Cycle Actual	%
EGRCMD	EGR Duty Cycle Commanded	%
EGRERR	EGRERR	%
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
PPM	NOX Bank 1 Sensor 2	PPM
SCRSTA	SCR Inducement State	

Engine Performance - Fuel

Label	Description	Unit
FUEL R	Fuel Flow Rate	GAL/HR
FUEL L	Fuel Tank Level	%
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	
ENGIDL	Idle Run Time	HR
MIL	MIL Status	
DTCCLR	Run Time Since DTCS Cleared	MIN
MILACT	Run Time While MIL Active	MIN
TIME	Time Data Log	S
ENGRUN	Total Engine Run Time	HR
WARMUP	Warmups Since DTCS Cleared	COUNT

Pressure

Label	Description	Unit
AAP	Ambient Air Pressure	PSIA
AAP	Ambient Air Pressure (in hg)	INHG
BOOST	Boost Pressure	PSIG
BST-VAC	Boost/Vacuum Pressure	PSIG
DPFIP1	DPF Delta Press	PSIA
DPFIP1	DPF Inlet Press Bank 1	PSIA
EXH P1	Exhaust Pressure Bank 1	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP A	Manifold Pressure A	PSIA
P-RAT	Pressure Ratio - System	
T-XOVER	Turbo Crossover	%

Temperature

Label	Description	Unit
AAT	Ambient Air Temp	°F
AAT	Ambient Air Temp (in Rankin)	°R
CAC1/1	CAC Temp Bank 1 Sensor 1	°F
SYS-DT	Delta Temperature System	
EGR1/1	EGR Temp Bank1 Sensor 1	°F
ECU T	Engine Control Unit Temp	°F
ECT	Engine Coolant 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
EGT1/4	Exh Temp Bank 1 Sensor 4	°F
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F
TRNS T	Transmission Fluid Temp	°F
TURCIT	Turbo A Comp Inlet Temp	°F

Transmission

Label	Description	Unit
TR SLP	Transmission Slip	RPM