

iDash Parameter List - 2018 Ram 5500 6.7

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	
SAT-P	Saturation Pressure	INHG

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

Vehicle Performance		
Label	Description	Unit
APP D	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-EST	Horsepower Estimated	HP
TORQUE	Torque % Actual	%
TRQCMD	Torque % Commanded	%
TQ-ECU	Torque ECU	FT-LB
TQ-EST	Torque Estimated	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	
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
FUEL R	Fuel Flow Rate	GAL/HR
FUEL L	Fuel Tank Level	%
TM ADV	Injection Timing Advance	°BTDC
EXH-R	Exhaust Flow Rate	GAL/HR

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

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

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
DPFDP1	DPF Delta Press	PSIA
DPFOP1	DPF Outlet Press Bank 1	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Absolute Pressure (inHg)	INHG
MAP A	Manifold Pressure A	PSIA
P-RAT	Pressure Ratio - System	%

Temperature		
Label	Description	Unit
AAT	Ambient Air Temp	°F
AAT	Ambient Air Temp (in Rankin)	°R
SYS-DT	Delta Temperature System	
EGR1/1	EGR Temp Bank1 Sensor 1	°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
TURCIT	Turbo A Comp Inlet Temp	°F

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	
DTCLLR	Run Time Since DTCS Cleared	MIN
MILACT	Run Time While MIL Active	MIN
ENGRUN	Total Engine Run Time	HR
WARMUP	Warmups Since DTCS Cleared	COUNT