

iDash Parameter List - 2018 Chevrolet 5500XD 5.2

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
ABSTPS	Absolute Throttle Position	%
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-EN	CFM Engine	
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
LOAD	Absolute Engine Load	%
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
HP-EST	Horsepower Estimated	HP
TQ-EST	Calculated Engine Load	%
IGN TM	Ignition Timing Advance	°BTDC
TRQ FR	Engine Friction % Torque	%
TRQREF	Engine Reference Torque	FT-LB
HP-ECU	Calc Engine Horsepower	HP
TORQUE	Torque % Actual	%

Emissions		
Label	Description	Unit
PM 1	% Particulate Matter Bank 1	%
DPFDIS	Avg Distance Between DPF Regen	MILES
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	
PMF M	Monitor - PM Filter	
SCRSTA	SCR Inducement State	

Engine Performance - Fuel		
Label	Description	Unit
EXH-R	Exhaust Flow Rate	GAL/HR
FUEL R	Fuel Flow Rate	GPH
TM ADV	Injection Timing Advance	°BTDC
O2S1/1	Sensor Concentration Bank1 Sensor1	%
O2S1/2	Sensor Concentration Bank1 Sensor2	%
LAMB1/1	Sensor Lambda Bank1 Sensor1	LAMBDA
LAMB1/2	Sensor Lambda Bank1 Sensor2	LAMBDA

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	
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 (InHg)	INHG
BOOST	Boost Pressure	PSIG
BST-VAC	Boost/Vacuum Pressure	PSIG
DPFDP1	DPF Delta Press	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (InHg)	INHG
MAPCMD	MAP Commanded	
P-RAT	Pressure Ratio - System	%

Temperature		
Label	Description	Unit
AAT	Ambient Air Temp	°F
AAT	Ambient Air Temp (in Rankin)	°R
CAT1/1	Catalyst Temp Bank 1 Sensor 1	°F
SYS-DT	Delta Temperature System	
ECT	Engine Coolant Temp	°F
EGR1/1	EGR Temp Bank1 Sensor 1	°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
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F
TURCOT	Turbo A Comp Outlet Temp	°F
TUR-IT	Turbo A Turbine Inlet Temp	°F

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

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