

iDash Parameter List - 2018 GM Colorado 2.8L Diesel

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	%
THRT-R	Throttle Position Relative	%
VT CMD	Turbo Vane Command	%
VT POS	Turbo Vane Position	%

Vehicle Performance		
Label	Description	Unit
	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
BP ACT	Brake Pedal Active	
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
	% Particulate Matter Bank 1	%
DEF CMD	AVG DEF Commanded	GAL/HR
DPF DIS	Avg Distance Between DPF Regen	MILES
DPF TIM	Avg Time Between DPF Regen	MIN
DEF LVL	DEF Fluid Level	%
DEF LVL	DEF Fluid Level Low	
REGEN	Dpf Regen Status	
DPF RG	DPF Regen Trigger	%
DPF SL	DPF Soot Load Percent	%
EGR ACT	EGR Duty Cycle Actual	%
EGR CMD	EGR Duty Cycle Commanded	%
EGR ERR	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
SCR STA	SCR Inducement State	

Engine Performance - Fuel		
Label	Description	Unit
	Fuel Flow Rate	GPH
FUEL L	Fuel Tank Level	%
TM ADV	Injection Timing Advance	°BTDC
INJ-1	Injector 1 Balance Rate	%
INJ-2	Injector 2 Balance Rate	%
INJ-3	Injector 3 Balance Rate	%
INJ-4	Injector 4 Balance Rate	%
O2S1/1	O2 Sensor Concentration Bank1 Sensor1	%
O2S1/2	O2 Sensor Concentration Bank1 Sensor2	%

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	
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 (inHg)	INHG
BOOST	Boost Pressure	PSIG
BST-VA	Boost/Vacuum Pressure	PSIG
DPFDP1	DPF Delta Press	PSIA
OIL P	Engine Oil Pressure	PSIG
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (inHg)	INHG
MAP A	Manifold Pressure A	PSIA
MAPCMD	MAP Commanded	PSIA
P-RAT	Pressure Ratio - System	
TRAN-1	Trans Line 1 Pressure Command	PSIA
TRAN-2	Trans Line 2 Pressure Command 1	PSIA

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
CAC1/2	CAC Temp Bank 1 Sensor 2	°F
SYS-DT	Delta Temperature System	
THR-DT	Delta Temperature Throttle	°F
EGR1/1	EGR Temp Bank1 Sensor 1	°F
EGR1/2	EGR Temp Bank1 Sensor 2	°F
EGT5	EGT5 Post DPF	°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
EGT1/4	Exh Temp Bank 1 Sensor 4	°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
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F
TRNS T	Transmission Fluid Temp	°F

Speed and Velocity		
Label	Description	Unit
	Cruise Control Status	
RPM	Engine RPM	
ISS	Trans Input Shaft Speed	RPM
OSS	Trans Output Shaft Speed	RPM
SPEED	Vehicle Speed	MPH

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

Transmission		
Label	Description	Unit
TCSTAT	Torque Converter Status	
GEAR	Trans Gear	
GEAR-C	Trans Gear Commanded	
4WD-S	Transfer Case Status	
TR SLP	Transmission Slip	RPM

Commanded Features		
Command	Description	
*	Stationary DPF Regen	
*	Mobile DPF Regen	