

# iDash Parameter List - 2017 GM Colorado 2.8 Diesel

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
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 Comanded	%
THRT-P	Throttle Position	%
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	%
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 % Comanded	%
TQ-ECU	Torque ECU	FT-LB
TQ-EST	Torque Estimated	FT-LB

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

Emissions		
Label	Description	Unit
DPF RG	Norm Trigger For DPF Regen	%
PM 1	% Particulate Matter Bank 1	%
DEFCMD	AVG DEF Comanded	GAL/HR
DEFAVG	AVG DEF Consumption	GAL/HR
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	
EGRCMD	EGR Comanded	%
EGRACT	EGR Duty Cycle Actual	%
EGRCMD	EGR Duty Cycle Comanded	%
EGRERR	EGR Error	%
EGRERR	EGR Recirc 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
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	
ENGLDL	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 (in hg)	INHG
BOOST	Boost Pressure	PSIG
BST-VAC	Boost/Vacuum Pressure	PSIG
DPFDP1	DPF Delta Press	PSIA
FRPCMD	FRP Comanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Absolute Pressure (inHg)	INHG
MAP A	Manifold Pressure A	PSIA
MAPCMD	MAP Comanded	PSIA
P-RAT	Pressure Ratio - System	%

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
CAC1/2	Catalyst Temp Bank 1 Sensor 2	°F
ECT	Coolant Temp 1	°F
ECT 2	Coolant Temp 2	°F
SYS-DT	Delta Temperature System	
EGR1/1	EGR Temp Bank1 Sensor 1	°F
EGR1/2	EGR Temp Bank1 Sensor 2	°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

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

Transmission		
Label	Description	Unit
TCSTAT	Torque Converter Status	
GEAR	Trans Gear	
TR SLP	Transmission Slip	RPM