

iDash Parameter List - 2011 LML Duramax 6.6L

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
APP D	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
DPF SL	DPF Soot Load Percent	%
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

Engine Performance - Fuel		
Label	Description	Unit
AFR1/1	Air Fuel Ratio Bank1 Sensor1	AFR
AFR1/2	Air Fuel Ratio Bank1 Sensor2	AFR
FUEL R	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	%
INJ-5	Injector 5 Balance Rate	%
INJ-6	Injector 6 Balance Rate	%
INJ-7	Injector 7 Balance Rate	%
INJ-8	Injector 8 Balance Rate	%

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

Voltage		
Label	Description	Unit
BATT*	B-Bus Battery Voltage	V
BATT	ECU Battery Voltage	V
O2 1/1	WB O2 Volt Bank1 Sensor1	V
O2 1/2	WB O2 Volt Bank1 Sensor2	V
Throttle Commanded	Throttle Position	Throttle Position Relative

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
MAPCMD	MAP Commanded	PSIA
P-RAT	Pressure Ratio - System	

Temperature		
Label	Description	Unit
AAT	Ambient Air Temp	°F
AAT	Ambient Air Temp Absolute (in Rankin)	R
CAC1/1	CAC Temp Bank 1 Sensor 1	°F
SYS-DT	Delta Temperature System	
THR-DT	Delta Temperature Throttle	°F
DPFIT1	DPF Inlet Temp Bank 1	°F
DPFOT1	DPF Outlet Temp Bank 1	°F
EGR1/1	EGR Temp Bank1 Sensor 1	°F
EGR1/2	EGR Temp Bank1 Sensor 2	°F
ECT	Engine Coolant Temp	°F
EGT1/1	Exh Temp Bank 1 Sensor 1	°F
EGT2	EGT2 - Diesel Oxidization CAT (DOC) Outlet	°F
EGT3	EGT3 - Selective Catalyst Reduction (SCR) Outlet	°F
EGT4	EGT4 - Diesel Particulate Filter (DPF) Inlet	°F
FUEL T	Fuel Rail Temp A	°F
IAT1/1	IAT Bank 1 Sensor 1	°F
IAT1/2	IAT Bank 1 Sensor 2	°F
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F

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

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