

# iDash Parameter List - 2011 Jeep Wrangler 3.8 liter

Air Density		
Label	Description	Unit
THR-DD	<b>Delta Density - Throttle</b>	LB/1KFT3
THR-DD	<b>Delta Density % - Throttle (J607)</b>	%
AAD	<b>Density - Ambient Air</b>	LB/1KFT3
BAD	<b>Density - Boost Air</b>	LB/1KFT3
MAD	<b>Density - Manifold Air</b>	LB/1KFT3
AAD	<b>Density % - Ambient Air (J607)</b>	%
BAD	<b>Density % - Boost Air (J607)</b>	%
MAD	<b>Density % - Manifold Air (J607)</b>	%
DN-ALT	<b>Density Altitude</b>	FT
D-RAT	<b>Density Ratio - System</b>	%
PR-ALT	<b>Pressure Altitude</b>	FT
J1349	<b>SAE J1349 Correction Factor</b>	
J607*	<b>SAE J607 Correction Factor</b>	
SAT-P	<b>Saturation Pressure</b>	INHG
VAP-P	<b>Vapor Pressure</b>	INHG

Engine Performance - Air		
Label	Description	Unit
TPS B	<b>Absolute Throttle Pos B</b>	%
ABSTPS	<b>Absolute Throttle Position</b>	%
HPC-1K	<b>Ambient Custom Fuel Power Potential per 1000 CFM</b>	HP/1k
HPD-1K	<b>Ambient Diesel Power Potential per 1000 CFM</b>	HP/1k
HPE-1K	<b>Ambient E85 Power Potential per 1000 CFM</b>	HP/1k
HPG-1K	<b>Ambient Gas Power Potential per 1000 CFM</b>	HP/1k
HPM-1K	<b>Ambient Methanol Power Potential per 1000 CFM</b>	HP/1k
CFM-EN	<b>CFM Engine</b>	
THRCMD	<b>Throttle Commanded</b>	%
THRT-R	<b>Throttle Position Relative</b>	%

Vehicle Performance		
Label	Description	Unit
LOAD		%
APP D	<b>Accelerator Pedal D</b>	%
APP E	<b>Accelerator Pedal E</b>	%
LOAD	<b>Calculated Engine Load</b>	%
DISP	<b>Engine Displacement</b>	L
HP-MAX	<b>Horsepower Maximum</b>	HP
HP-POT	<b>Horsepower Potential</b>	HP
IGN TM	<b>Ignition Timing Advance</b>	°BTDC

Emissions		
Label	Description	Unit
EGRCMD	<b>EGR Commanded</b>	%
EGRERR	<b>EGR Recirc Error</b>	%
EVAPCM	<b>Evap Purge Commanded</b>	%
CAT M	<b>Monitor - Catalyst</b>	
COMP M	<b>Monitor - Comprehensive Component</b>	
EGR M	<b>Monitor - EGR and/or VVT System</b>	
EVAP M	<b>Monitor - Evaporative System</b>	
FUEL M	<b>Monitor - Fuel System</b>	
MIS M	<b>Monitor - Misfire</b>	
O2S M	<b>Monitor - Oxygen Sensor</b>	
HTR M	<b>Monitor - Oxygen Sensor Heat</b>	

Engine Performance - Fuel		
Label	Description	Unit
AFRCMD		AFR
LOOP	<b>Fuel Closed Loop Status</b>	
FUEL L	<b>Fuel Tank Level</b>	%
LTFT1	<b>Long Term Fuel Trim Bank 1</b>	%
LTFT2	<b>Long Term Fuel Trim Bank 2</b>	%
STFT1	<b>Short Term Fuel Trim Bank 1</b>	%
STFT2	<b>Short Term Fuel Trim Bank 2</b>	%
TFT 1	<b>Total Fuel Trim Bank 1</b>	%
TFT 2	<b>Total Fuel Trim Bank 2</b>	%

Diagnostics		
Label	Description	Unit
MILDIS	<b>Dist Traveled While MIL Active</b>	MILES
DTCTRV	<b>Distance Since DTCS Cleared</b>	MILES
RUN TM	<b>Engine Run Time</b>	MIN
FLAG	<b>Flag</b>	
MIL	<b>MIL Status</b>	
TIME	<b>Time Data Log</b>	S
WARMUP	<b>Warmups Since DTCS Cleared</b>	COUNT

Speed and Velocity		
Label	Description	Unit
RPM	<b>Engine RPM</b>	
SPEED	<b>Vehicle Speed</b>	MPH

Pressure		
Label	Description	Unit
AAP	<b>Ambient Air Pressure</b>	PSIA
AAP	<b>Ambient Air Pressure (inHg)</b>	INHG
BOOST	<b>Boost Pressure</b>	PSIG
BST-VA	<b>Boost/Vacuum Pressure</b>	PSIG
MAP	<b>Manifold Absolute Pressure</b>	PSIA
MAP	<b>Manifold Air Pressure (inHg)</b>	INHG
P-RAT	<b>Pressure Ratio - System</b>	%

Temperature		
Label	Description	Unit
AAT		°F
AAT	<b>Ambient Air Temp Absolute (in Rankin)</b>	R
CAT1/1	<b>Catalyst Temp Bank 1 Sensor 1</b>	°F
CAT2/1	<b>Catalyst Temp Bank 2 Sensor 1</b>	°F
SYS-DT	<b>Delta Temperature System</b>	
THR-DT	<b>Delta Temperature Throttle</b>	°F
ECT	<b>Engine Coolant Temp</b>	°F
IAT	<b>Intake Air Temp</b>	°F
MAT	<b>Manifold Air Temp</b>	°F

Voltage		
Label	Description	Unit
BATT*		V
BATT	<b>ECU Battery Voltage</b>	V
O2 1/1	<b>O2 Bank 1 Sensor 1 Volt</b>	V
O2 1/2	<b>O2 Bank 1 Sensor 2 Volt</b>	V
O2 2/1	<b>O2 Bank 2 Sensor 1 Volt</b>	V
O2 2/2	<b>O2 Bank 2 Sensor 2 Volt</b>	V