

# iDash Parameter List - 2016 Ford Power Stroke 6.7L

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 (J1349)	%
MAD	Density % - Manifold Air (J1349)	%
DN-ALT	Density Altitude	FT
D-RAT	Density Ratio - System	
J1349	Gas Correction Factor SAE J1349	
MAD-RR	MAD % Response Rate	%/S
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
MAF	Mass Air Flow A	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
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
HP-AMB	Ambient % of Density	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
TRQ FR	Engine Friction % Torque	%
TRQREF	Engine Reference Torque	FT-LB
HP-ECU	Horsepower ECU	HP
HP-MAX	Horsepower Maximum	HP
HP-POT	Horsepower Potential	HP
IDLE	Idle Commanded	RPM
O LIFE	Oil Life Remaining	%
TORQUE	Torque % Actual	%
TRQCMD	Torque % Commanded	%
TQ-ECU	Torque ECU	FT-LB

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

Emissions		
Label	Description	Unit
PM 1	% Particulate Matter Bank 1	%
DEFCMD	AVG DEF Commanded	GAL/HR
DEFAVG	AVG DEF Consumption	GAL/HR
DPFDIS	Avg Distance Between DPF Regen	MILES
DPFTIM	Avg Time Between DPF Regen	MIN
DEFLVL	DEF Fluid Level	%
DEFLOW	DEF Fluid Level Low	
DEF C	DEF Injection Command	%
REGEN	Dpf Regen Status	
DPF RG	DPF Regen Trigger	%
DPF LD	Dpf Soot Load	GRAMS
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
NOX1/2	NOX Bank 1 Sensor 2	PPM
SCRSTA	SCR Inducement State	

Engine Performance - Fuel		
Label	Description	Unit
FUEL R	Fuel Flow Rate	GPH
F PRES	Fuel Pressure Control Valve	%
FUEL L	Fuel Tank Level	%
F VOL	Fuel Volume Control Valve	%
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	
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
DPFIP1	DPF Inlet Press Bank 1	PSIG
EXH P1	Exhaust Pressure Bank 1	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
LIFT P	Lift Pump Fuel Pressure	PSIG
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (inHg)	INHG
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
ECT	Coolant Temp 1	°F
ECT 2	Coolant Temp 2	°F
SYS-DT	Delta Temperature System	°F
EGR1/1	EGR Temp Bank1 Sensor 1	°F
EGR1/2	EGR Temp Bank1 Sensor 2	°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
IAT1/1	IAT Bank 1 Sensor 1	°F
MAT	Manifold Air Temp	°F
TRNS T	Transmission Fluid Temp	°F

Speed and Velocity		
Label	Description	Unit
RPM-RR	Engine Response Rate	RPM/S
RPM	Engine RPM	
ISS	Trans Input Shaft Speed	RPM
OSS	Trans Output Shaft Speed	RPM
SPEED	Vehicle Speed	MPH

Transmission		
Label	Description	Unit
GR CMD	Gear Ratio Commanded	
GR RAT	Gear Ratio Measured	
TCSTAT	Torque Converter Status	
GEAR	Trans Gear	
GEAR-C	Trans Gear Commanded	
TR SLP	Transmission Slip	RPM