

iDash Parameter List - 2017 to 2019 Ford Power Stroke 6.7L

Air Density		
Label	Description	Unit
J1349	Correction Factor SAE J1349	
AAD	Density - Ambient Air	LB/1KFT3
BAD	Density - Boost Air	LB/1KFT3
CAD	Density - Cylinder	LB/1KFT3
MAD	Density - Manifold Air	LB/1KFT3
AAD	Density % - Ambient Air (J1349)	%
CAD	Density % - Cylinder (J1349)	%
MAD	Density % - Manifold Air (J1349)	%
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
AI-RAT	Air Induction Ratio	
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
BSAC	Brake Specific Air Consumption	
CFM-EN	CFM Engine	CFM
CFM-IND	CFM Inducted	CFM
HED-EFF	Cylinder Head Efficiency	%
MAF	Mass Air Flow	GRAM/S
MAF	Mass Air Flow A	GRAM/S
MAF-C	Mass Airflow Calculated	GRAM/S
THRT-C	Throttle Commanded	%
THRT-P	Throttle Position	%
VT CMD	Turbo Vane Command	%
VT POS	Turbo Vane Position	%

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

Emissions		
Label	Description	Unit
PM 1	% Particulate Matter Bank 1	%
DEFCMD	AVG DEF Commanded	GAL/HR
DEFAVG	AVG DEF Consumption	GAL/HR
DPF DIS	Avg Distance Between DPF Regen	MILES
DPFTIM	Avg Time Between DPF Regen	MIN
DEF LVL	DEF Fluid Level	%
DEFLOW	DEF Fluid Level Low	
DEF C	DEF Injection Command	%
REGEN	Dpf Regen Status	
DPF RG	DPF Regen Trigger	%
DPF SL	DPF Soot Load Percent	%
EGRCMD	EGR Commanded	%
EGRACT	EGR Duty Cycle Actual	%
EGRCMD	EGR Duty Cycle Commanded	%
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	

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
CAT1/1	Catalyst Temp Bank 1 Sensor 1	°F
CAT1/2	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

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

Engine Performance - Fuel		
Label	Description	Unit
BSFC	Brake Specific Fuel Consumption	LB/HP*H
EXH-R	Engine Exhaust Flow Rate	GAL/HR
FUEL R	Fuel Flow Rate	GPH
FR-EST	Fuel Flow Rate Estimated	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	%
LAMB1/1	O2 Sensor Lambda Bank1 Sensor1	LAMBDA
LAMB1/2	O2 Sensor Lambda Bank1 Sensor2	LAMBDA

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
FRP	Fuel Rail Pressure	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute 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	
TPM LF	Tire Press Left Front	PSIG
TPM LR	Tire Press Left Rear	PSIG
TPM RF	Tire Press Right Front	PSIG
TPM RR	Tire Press Right Rear	PSIG

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

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

Derringer		
Label	Description	Unit
D-ERR	Derringer Error Status	
PWRADD	Power Added	%
PL	Power Level	
RELAY	Relay Status	