

iDash 1.8 Parameter List - 2019 Ford F-250 Super Duty 6.7

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
ABSTPS	Absolute Throttle Position	%
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
HPG-1K	Ambient Gas Horsepower Potential per 1000 CFM	HP/1k
HPM-1K	Ambient Methanol Horsepower Potential per 1000 CFM	HP/1k
CFM-EN	CFM Engine	
THRCMD	Throttle Commanded	%
THRT-R	Throttle Position Relative	%

Vehicle Performance

Label	Description	Unit
LOAD	Absolute Engine Load	%
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
IGN TM	Ignition Timing Advance	°BTDC

Speed and Velocity

Label	Description	Unit
RPM	Engine RPM	
SPEED	Vehicle Speed	MPH

Emissions

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

Engine Performance - Fuel

Label	Description	Unit
AFR1/1	Air Fuel Ratio Bank1 Sensor1	AFR
AFR2/1	AFR2/1	AFR
AFRCMD	Air Fuel Ratio Commanded	AFR
AFRERR	Air Fuel Ratio Error	AFR
LOOP	Fuel Closed Loop Status	
FUEL L	Fuel Tank Level	%
LTFT1	Long Term Fuel Trim Bank 1	%
LTFT2	Long Term Fuel Trim Bank 2	%
STFT1	Short Term Fuel Trim Bank 1	%
STFT2	Short Term Fuel Trim Bank 2	%
TFT 1	Total Fuel Trim Bank 1	%
TFT 2	Total Fuel Trim Bank 2	%

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

Voltage

Label	Description	Unit
BATT	Battery Voltage	V
BATT*	B-Bus Battery Voltage	V
O2 1/2	O2 Bank 1 Sensor 2 Volt	V
O2 2/2	O2 Bank 2 Sensor 2 Volt	V
O2 1/1	WB O2 Current Bank1 Sensor1	MA
O2 2/1	WB O2 Current Bank2 Sensor1	MA

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
DPPFP1	DPF Inlet Press Bank 1	PSIA
OIL P	Engine Oil Pressure	PSIG
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
LIFT P	Lift Pump Fuel Pressure	PSIG
MAP	Manifold Absolute Pressure	PSIA
MAP A	Manifold Pressure A	PSIA
MAPCMD	MAP Commanded	PSIA
P-RAT	Pressure Ratio - System	
TRAN-1	Trans Line 1 Pressure Command	PSIA
TRAN-2	Trans Line 2 Pressure Command 1	PSIA
TRAN-2	Trans Line 3 Pressure Command 1	PSIA

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	CAC Temp Bank 1 Sensor 2	°F
SYS-DT	Delta Temperature System	
EGT	EGT - Turbo Inlet Temperature	°F
EGT1	EGT1 - Diesel Oxidization CAT (DOC) Inlet	°F
EGT1/5	EGT5 Post DPF	°F
ECT	Engine Coolant Temp	°F
EOT	Engine Oil 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
IAT1/3	IAT Bank 1 Sensor 3	°F
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F
TRNS T	Transmission Fluid Temp	°F

Transmission

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