

iDash Parameter List - 2018 Ford Expedition 3.5L EcoBoost

Air Density		
Label	Description	Unit
J607	Correction Factor SAE J607	
AAD	Density - Ambient Air	LB/1KFT3
BAD	Density - Boost Air	LB/1KFT3
MAD	Density - Manifold Air	LB/1KFT3
AAD	Density % - Ambient Air (J607)	%
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
ABSTPS	Absolute Throttle Position	%
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	
MAF-C	Mass Airflow Calculated	GRAM/S
THRCMD	Throttle Commanded	%
THRT-R	Throttle Position Relative	%

Vehicle Performance		
Label	Description	Unit
	% of HP Ambient	%
LOAD	Absolute Engine Load	%
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
HP-EST	Horsepower Estimated	HP
HP-MAX	Horsepower Maximum	HP
HP-POT	Horsepower Potential	HP
HP-AMB	HP Ambient	HP
IDLE	Idle Commanded	RPM
IGN TM	Ignition Timing Advance	°BTDC
O LIFE	Oil Life Remaining	%
TQ-EST	Torque Estimated	FT-LB

Emissions		
Label	Description	Unit
	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	Air Fuel Ratio Bank2 Sensor1	AFR
AFRCMD	Air Fuel Ratio Commanded	AFR
AFRERR	Air Fuel Ratio Error	AFR
LOOP	Fuel Closed Loop Status	
FR-EST	Fuel Flow Rate Estimated	GPH
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	
MIL	MIL Status	
TIME	Time Data Log	S
WARMUP	Warmups Since DTCS Cleared	COUNT

Speed and Velocity		
Label	Description	Unit
PSIA	Engine Rate of Change	RPM/S
INHG	Engine RPM	
PSIG	Vehicle Speed	MPH

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
EVAP P	Evap Sys Vapor Pressure	PA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (inHG)	INHG
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

Temperature		
Label	Description	Unit
AAT	Ambient Air Temp	°F
AAT	Ambient Air Temp Absolute (in Rankin)	R
CAT1/1	Catalyst Temp Bank 1 Sensor 1	°F
CAT2/1	Catalyst Temp Bank 2 Sensor 1	°F
SYS-DT	Delta Temperature System	
ECT	Engine Coolant Temp	°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
TRNS T	Transmission Fluid Temp	°F

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

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