

# DIAGNOSTIC REPORT

VIN: 3FRNF7FE4DV023698

Model Year: 2013

Manufacturer: Ford

COMPONENT	FAULT CODES	20 TOTAL / 19 ACTIVE / 1 INACTIVE
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ENGINE #1 - J1939	ACTIVE FAULT CODES (19)
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Vehicle Make: Cummins	Fault Description: BARO	SPN 108
ECM Serial Number: 73576665	FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
ECM Model: 6B u13D0670000000	Count: 1	
VIN: 3FRNF7FE4DV023698	Fault Description: ECL	SPN 111
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: Water In Fuel Indicator	SPN 97
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: Engine Inlet Air Heater Driver #1	SPN 729
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: Engine Variable Geometry Turbocharger Actuator #1	SPN 641
	FMI Description: Out of CAL	FMI: 13
	Count: 1	
	Fault Description: Engine Throttle Valve 1 Position 1	SPN 51
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: AAT	SPN 171
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: Engine Turbocharger 1 Compressor Intake Temperature	SPN 1172
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 1	
	Fault Description: Engine Exhaust Gas Pressure	SPN 1209
	FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
	Count: 1	
	Fault Description: Engine Wait to Start Lamp	SPN 1081
	FMI Description: Abnormal Update Rate	FMI: 9
	Count: 1	

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Fault Description: Engine Protection Torque Derate	SPN 1569
FMI Description: Condition Exists	FMI: 31
Count: 2	

Fault Description: Accelerator Pedal #1 Channel 2	SPN 2623
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 1	

Fault Description: AFT 1 Intake NOx	SPN 3216
FMI Description: Abnormal Update Rate	FMI: 9
Count: 1	

Fault Description: AFT 1 Outlet NOx	SPN 3226
FMI Description: Abnormal Update Rate	FMI: 9
Count: 1	

Fault Description: AFT 1 DPF Differential Pressure	SPN 3251
FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
Count: 1	

Fault Description: Particulate Trap Outlet Pressure 1	SPN 3610
FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
Count: 1	

Fault Description: ECU Power Output Supply Voltage #1	SPN 3597
FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
Count: 1	

Fault Description: AFT 1 SCR Dosing Reagent Absolute Pressure	SPN 4334
FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
Count: 1	

Fault Description: DEF Dosing Valve	SPN 5394
FMI Description: Current below Normal or Open Circuit	FMI: 5
Count: 1	

### INACTIVE FAULT CODES (1)

Fault Description: Engine Variable Geometry Turbocharger Actuator #1	SPN 641
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 0	

### RETARDER, EXHAUST,

### ACTIVE FAULT CODES (0)

ECM Serial Number:

None

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## COMPONENT

## FAULT CODES

20 TOTAL / 19 ACTIVE / 1 INACTIVE

ECM Model:

### INACTIVE FAULT CODES (0)

None

## PARAMETERS

### ENGINE #1 - J1939

Rated Horsepower	280 BHP	Engine Rated RPM	Not Available
MIL Status	On, don't flash	Fuel Level	Not Available
Battery Voltage	12.25 V	Ignition Voltage	Not Available
Engine RPM	0 RPM	Vehicle Speed	0 mph
Throttle Position	0 %	Brake Switch	N/A
Clutch Switch	N/A	Engine Operating State	Engine Stopped
Engine Intake Air Temperature	Not Available	Engine Intake Air Pressure	Not Available
Barometric Pressure	Error	Coolant Level	Error
Coolant Temperature	181.4 °F	Oil Level	Not Available
Oil Temperature	Not Available	Oil Pressure	0.0 psi
DPF Status	Regen not Needed	Regen Status	N/A
DPF Active Regen Inhibited Status	Inhibited	DPF Active Regen Inhibited Due to Inhibit Switch	Not Inhibited
DPF Regen Inhibit Switch	N/A	DPF Regen Force Switch	N/A
Exhaust Temperature 1	Error	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	Error
DPF Outlet Temperature	Error	DPF Differential Pressure	Error

## LIFE DATA

### ENGINE #1 - J1939

Distance	188152.56 mi	Hours	4882.10 hr
Fuel Used	20978.0 gal	Average Fuel Economy	N/A
Engine Idle Hours	1255.05 hr	Engine Idle Fuel Used	709.2 gal
PTO Hours	6.10 hr	PTO Fuel Used	5.0 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	75.3 gal		

## TRIP DATA

### ENGINE #1 - J1939

Distance	188154.16 mi	Fuel Used	20899.2 gal
Average Fuel Rate	4.28 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	709.2 gal	Cruise	N/A
Cruise Fuel Used	5358.2 gal	DPF Active Regen Time	N/A
DPF Number of Active Regens	N/A	DPF Used	N/A
Vehicle Speed Limit	80 mph	Cruise Control Speed Limit	80 mph