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Coding Information

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Title: MaxxForce® 11 and 13 Experiencing DTC 1628 Lambda Sensor Adaption Procedure

Applies To: 2008 - 2009 MaxxForce® 11 and 13

DESCRIPTION

MaxxForce® 11 and 13 Experiencing DTC 1628. Lambda Sensor Adaption Procedure

SYMPTOMS

- Active 1628 DTC.
- DTC logged after Lambda sensor replacement.

POSSIBLE DIAGNOSTIC TROUBLE CODES

DTC	MODULE	DESCRIPTION
1628	ECM	Lambda Sensor Temp Above Maximum

RESOLUTION

When this code is active or when the Lambda sensor has been replaced, the engine will have to go through an adaption procedure to calibrate the sensor. Please follow the outlined steps below for proper Lambda sensor adaption:

1. Run the engine up to temperature above 140°F .
2. Use a thermal gun and measure the exhaust temperature; it needs to be above 220°F.
3. No other Lambda DTCs active other than DTC 1628.

4. Engine brake switch has to be turned off.
5. Drive vehicle to 25 mph or higher with the engine rpms between 1600-1800.
6. Release the throttle pedal and allow the truck to coast down until the engine rpms are less than 900.
7. Once all this has been completed the Lambda sensor adaption will be complete. If this code is still active run through these procedures one more time. Contact Tech Central if problems persist.

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