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Coding Information

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Title: Diagnosing Low Power and Turbocharger Replacement or Repair on MaxxF 7 Engines

Applies To: All 2007 - 2009 MaxxF 7 Engines

Description

A warranty pre approval (iApprove) is required for the replacement of a complete turbocharger on a 2007 - 2009 MaxxF 7 engine . The iApprove process will help properly diagnose and successfully repair a low power complaint on a 2007 - 2009 MaxxF 7 engine that is not being caused by an engine misfire. New diagnostics have been created to help identify turbocharger performance DOC plugging issues.

After completing the iApprove form, Technical Service will guide the repair which may include additional Turbocharger and DOC inspection and a new Turbocharger cleaning and or DOC cleaning processes.

Replacement of the turbocharger will require approval through the iApprove process. This new cleaning process will eliminate the need for complete turbocharger replacement in most cases related to low power complaints

Symptoms

1. Poor road performance / low power
2. Excessive exhaust aftertreatment regeneration activity / aftertreatment codes set
3. White smoke from exhaust tail pipe during exhaust aftertreatment regeneration

Procedure

1. Enter the VIN in Vehicle Information on ISIS
2. Go to the iApprove Tab and select the MaxxF 7 Turbocharger Replacement

3. Print the form
4. Follow all of the instructions on the form . Complete diagnostic steps and all required fields
5. Attach 0- 60 Performance Snap Shot to the case file and submit.

If a concern is identified while performing performance diagnostics, correct it other than replacing a turbocharger and DOC (diesel oxidation catalyst). Going forward a replacement turbocharger will require pre approval in conjunction with an iApprove case file as is currently policy for aftertreatment components.

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