

## SUBJECT: Additional Inspection Point for High Soot and Frequent Regenerations

Department: Service  
Section: Engine  
Model(s): GH7  
Model Year(s): 2011, 2012 & 2013  
Effective Date: October 13, 2014  
Form #: TB EN-54  
Rev #: N/A  
Supersedes: N/A

**Purpose:** To advise EGR cooler pipe crack may cause high soot and frequent regenerations.

**Problem:**

- ◆ Soot level does not decrease after Parked Regeneration
- ◆ High frequency of Parked Regeneration
- ◆ Lack of engine power due to high soot level

**Cause:**

EGR cooler pipe crack can be the cause for the symptoms mentioned above.

**Inspection:**

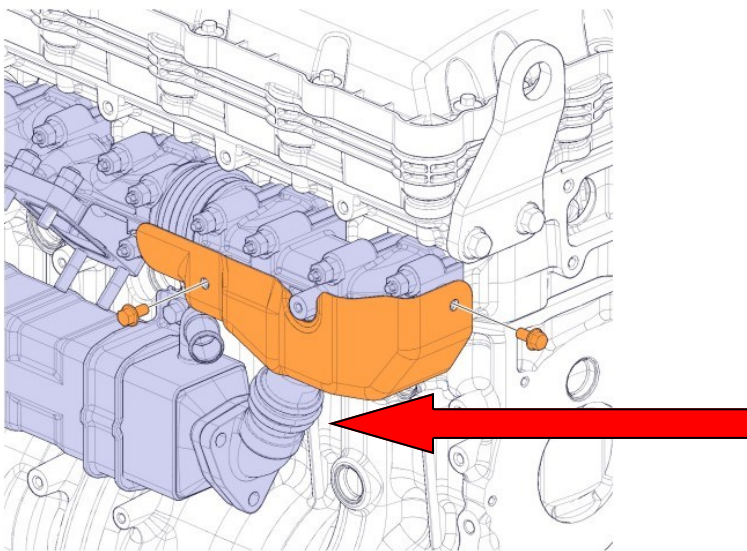
Check for soot deposit and cracks on the outside surface of the pipe.

Stop Parked Regeneration, disassemble EGR cooler pipe from the engine and remove the insulation to one side of the pipe.

Check if there is soot deposit and cracks on the EGR cooler pipe.

- ◆ If cracks or soot deposit are found replace the pipe.
- ◆ If not found, follow Guided Diagnostic for other suspected root cause.

**EGR cooler pipe location**



**EGR cooler pipe**



**The Information contained in this bulletin should not be interpreted as the basis for a warranty claim**