

TECHNICAL SERVICE BULLETIN

Group:	16-COOLING
Bulletin No:	SB-15-036
Issue Date:	9-24-2015
Vendor Ref.:	HMM-150922-B1

RADIATOR RESERVOIR TANK HOSE REPLACEMENT

SUBJECT VEHICLES: Certain 13MY-16MY Conventional Trucks (238, 258, 268, or 338) built between 8/1/2012 and 7/2/2015

Note: This service bulletin is provided as technical information and is not authorization for a warrantable repair.

OVERVIEW:

The subject vehicle experiences coolant leakage from the radiator reserve tank recovery hose due to wear of the hose on the eyelet of the reserve tank. A protective cover has been added to prevent this wear from occurring.

BEFORE YOU BEGIN

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **WARNINGS** and **NOTICES** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat, level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Turn off the engine and remove the key from the ignition switch.
- Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.
- Make certain the engine has cooled completely before beginning the repair procedure.

PARTS

PART NUMBER	DESCRIPTION	QUANTITY
16405EV012	CAP SUB-ASSY, RESERVE TANK	1



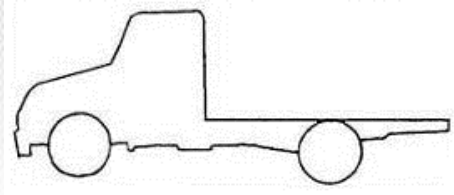
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VEHICLE PREPARATION

1. Park the vehicle on a flat, level and solid surface.



2. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.



3. Apply the parking brake.



4. Chock all of the wheels.



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REPAIR PROCEDURE

WARNING: SERIOUS BURNS CAN OCCUR. Do not begin this procedure until the engine has cooled completely.

1. Release the hood latches and open the hood.



WARNING: The engine must be cooled before this hose is removed or serious burns can result.

2. Disconnect the recovery hose from the radiator and feed it through the opening in the reserve tank.



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3. Remove the reserve tank cap.



4. Working below the reserve tank on the radiator shroud, carefully slide the overflow hose out of the clips.

NOTICE: Hold the clip while removing the hose to prevent breakage.



5. Slide the overflow hose out of the clip on the reserve tank bracket. Discard the old reserve tank cap and hose assembly.

NOTICE: Hold the clip while removing the hose to prevent breakage.



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6. Feed the overflow hose on the new reserve tank hose and cap assembly in the reverse order of steps 4 and 5.



7. Secure the cap in the radiator reserve tank.



8. Feed the new recovery hose through the eyelet on the reserve tank and reconnect to the radiator. Ensure the hose protector is positioned as shown below.



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FINAL INSPECTION PROCEDURE

1. To complete this Technical Service Bulletin, review the bulletin and confirm the following:
 - The recovery hose protector is positioned around the hose where it passes through the reserve tank eyelet.
 - The overflow hose is properly routed through the securing clips and is not kinked.

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CLAIM APPLICATION

Labor Charge: 0.3 Hours

Warranty Code: 13220

Trouble Code: 12

Operation Code: 13201BRE

Part Number: 16405EV011

REFERENCE

This change has been implemented on service part replacement overflow tank assemblies. The part number of the overflow tank is changed as follows and the old part number should no longer be used:

OLD PART NUMBER	NEW PART NUMBER	DESCRIPTION
16470E0102	16470E0103	RESERVE TANK ASSY, RADIATOR

**The complete reserve tank assembly should not be replaced as part of this service bulletin.*



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