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## Windshield Wiper Motor Gear

2010-2011 VN, VAH, VHD

## RVXX1304, Windshield Wiper Motor Gear

(December 2013)

VOLVO Trucks North America has determined that on Certain 2011-2012 Volvo VAH, VHD, VNL, and VNM model vehicles, manufactured during the periods of February 1, 2010 through September 30, 2010 and June 1, 2011 through November 30, 2011, the wiper motor drive gear may prematurely fail which can result in the wipers not working.

Affected Models and Model Years: 2011-2012 Volvo VAH, VHD, VNL, and VNM.

The number of vehicles affected is 22,125 vehicles (17,824 U.S., 3,287 Canada and 1,014 Export).

### Parts:

- 1 - Kit, 85139507

### Repair Procedures:

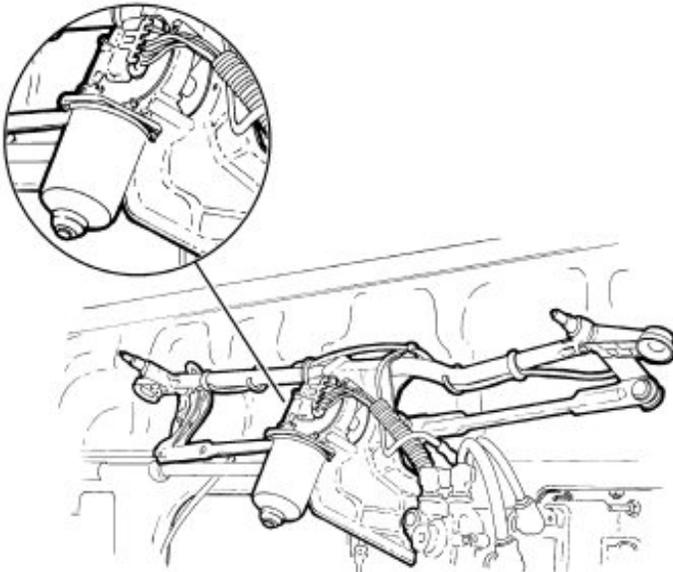
<b>⚠ CAUTION</b>
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*To avoid component damage ensure that the vehicle ignition is OFF before beginning this procedure.*

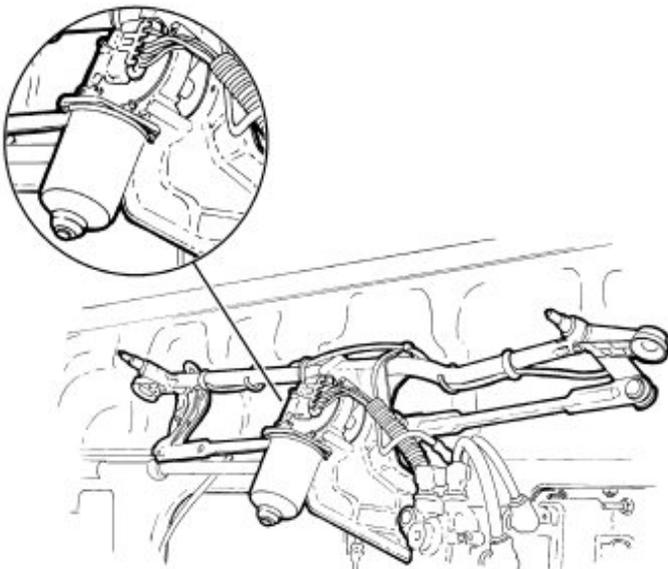
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1. Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheel, and placing the transmission in neutral.
2. Disconnect cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components. Next, disconnect the positive cables from the batteries.

3. Unlatch and raise the hood.
4. Disconnect the electrical connector from the windshield wiper motor.



5. Remove the nut from the linkage arm and push the wiper arm from the shaft.
6. To allow access to the wiper motor mounting bolts, push the linkage arm away from the area where the windshield wiper motor is mounted. Remove the three bolts to remove the motor.
7. Apply one drop of Loctite 242 (or equivalent) to new wiper mounting bolt threads. Mount the new wiper motor to the bracket. Start all three bolts before tightening.
8. Torque the bolts securing the wiper motor to 11.3 +/- 1.1 Nm (100 +/-10 in-lb).
9. Align the wiper linkage to the motor. Install the new nut on the shaft. Torque the fastener to 22.5 +/- 2.25 Nm (200 +/- 20 in-lb).
10. Connect the electrical connector to the windshield wiper motor.



11. Check for proper wiper operation and alignment. Re-adjust if necessary.
12. Reconnect all previously removed cables to the negative (ground) and positive terminals.

**Reimbursement**

<b>This repair is covered by an authorized Safety Recall campaign. Reimbursement is obtained through the normal claim handling process.</b>	
<b>Claim Type (used only when uploading from the Dealer Bus. Says.)</b>	R
<b>Recall Status</b>	
Vehicle inspected, no repair required	N/A
Vehicle repaired per instructions	1-Modified per instructions
<b>Labor Code</b>	
Primary Labor Code	36322-0-02 - 0.3 hr.
Time to take charge of vehicle and determine campaign status	17003-0-01 - 0.3 hr.
<b>Causal Part</b>	85122759
<b>Authorization No.</b>	RVXX1304

Take-charge time is not included in the labor code for this operation. Take charge may be eligible, but can only be used once per vehicle repair visit. If the vehicle is having other warranty repairs performed, take-charge should be charged to the warranty repair, otherwise take-charge can be charged to this Safety Recall.