

Wiper Motor Recall

VHD, VN, VT

RVXX0902, Wiper Motor Recall

On trucks manufactured from July 1, 2000 through May 11, 2007 and equipped with a Valeo brand windshield wiper motor, the sealer used on the wiper motor may crack and allow water and contaminants to enter the motor and form deposits at cavities located between the electrical traces. The deposits may cause a short between the electrical traces that over time may result in localized overheating which could potentially result in a vehicle fire.

Required Parts

Part	Part Number	Description
Wiper motor kit (one kit per vehicle)	85122759	Kit includes 1 wiper motor, 3 mounting bolts, 1 linkage retaining nut
Cable ties	980464 (or equivalent)	Cables ties not included in kit

Repair Procedure

NOTE

You must read and understand the precautions and guidelines in Service Information, group 3, "General Safety Practices, Electrical and Electronics" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

NOTE

Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

1. Unlatch and raise the hood.

2. Verify that the vehicle has a Valeo wiper motor (figure 1). If the truck already has a Sprague wiper motor (figure 2) installed, file a claim for inspection time using the recall authorization making an appropriate note in the warranty claim.



Figure 1 — Valeo wiper motor

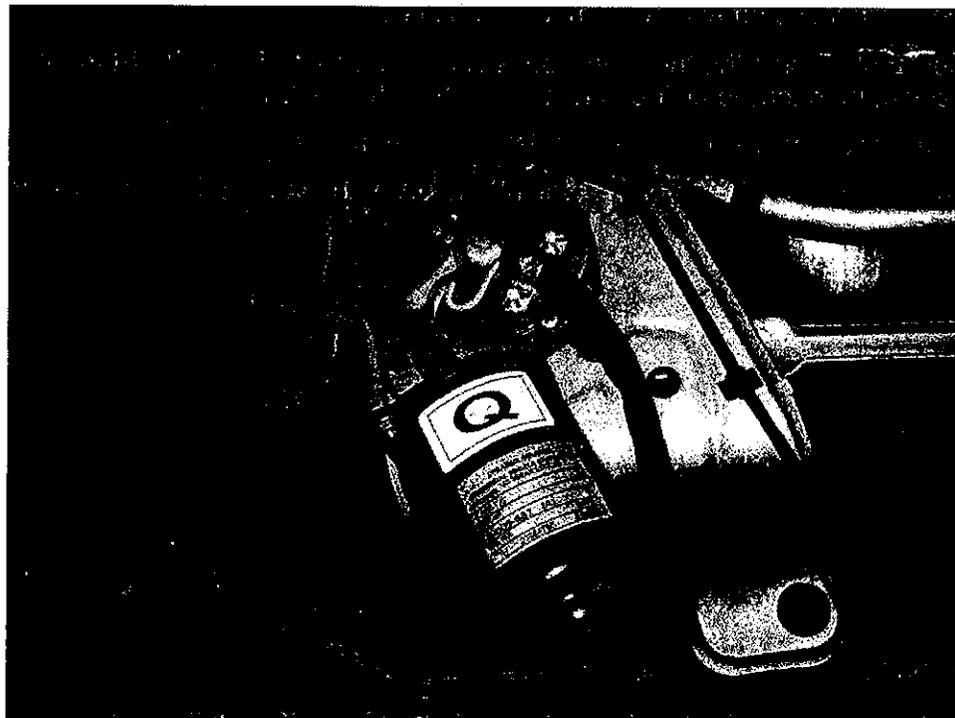
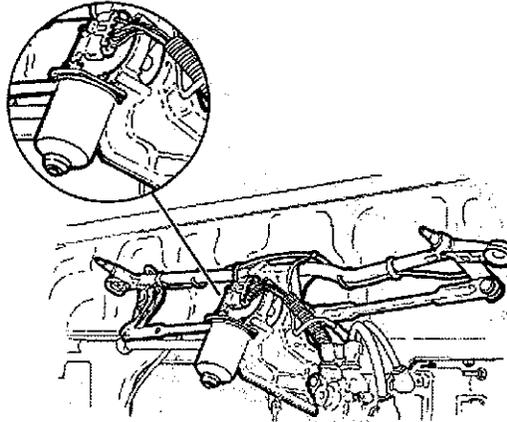


Figure 2 — Sprague wiper motor

3. Park the windshield wiper arms and turn the vehicle ignition switch **OFF**.
4. Disconnect the battery or turn the main electrical switch **OFF**.

5. Disconnect the electrical connector from the windshield wiper motor.



6. Remove the nut from the motor shaft and remove the crank lever from the shaft.

Note: Hold the crank lever with an adjustable wrench to prevent the linkage from moving out of the parked position.

Note: Discard the original equipment nut that retained the crank lever.

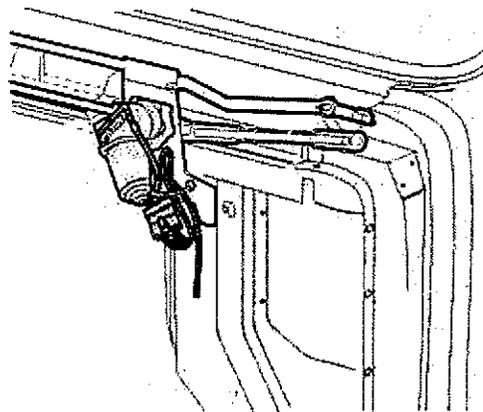
7. Remove the three wiper motor retaining bolts and then the wiper motor.

Note: Push the linkage arm back to gain access to the motor bolts.

Note: Dispose of the removed windshield motor locally.

Note: Discard the original equipment motor mounting bolts.

8. Install the new motor using the three new bolts contained in kit 85122759. Start all three bolts before tightening, then torque all the bolts to 11.5 Nm (100 in-lb.).
9. Connect the electrical connector to the windshield wiper motor.
10. Using tie straps (part no. 980464 or equivalent), tie back and secure the motor wiring harness.



11. Connect the battery or turn the main electrical switch **ON**.
12. Turn the ignition on, park the new wiper motor and then turn the ignition **OFF**.

13. Align the linkage arm to the motor then install and torque the new linkage nut to 24 Nm (212 in-lb).

Note: Use the new nut contained in kit 85122759.

Note: The crank lever should be in the 3 o'clock position as viewed from the front.

Note: Hold the crank lever with an adjustable wrench to prevent the linkage from moving out of the parked position.

14. Check for proper wiper motor operation and parking.

Reimbursement

This repair is covered by an authorized Safety Recall campaign. Reimbursement is obtained through the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	R
Recall Status	
Vehicle inspected, repair not needed	1-Inspected, OK
Vehicle repaired per instructions	2-Modified per instructions
Labor Code	
Primary Labor Code	36312-0-01 - 0.1 hr., Time allowed to inspect the trucks wiper motor and verified that sprague unit has already been installed. Take charge time is not to be claimed if only inspected.
Primary Labor Code	36312-0-02 - 0.3 hr., Time allowed to inspect and replace wiper motor on VN, VHD and VT trucks per recall RVXX0902.
Time to take charge of vehicle and determine campaign status	17003-0-01 - 0.3 hr.
Causal Part	20707508
Authorization No.	RVXX0902

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 campaign.

NOTE

Dealers are to perform Safety Recall Campaigns on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a safety recall are brought to your dealership for service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.