



November 2010

Dealer Service Instructions for:

## **Safety Recall K24 Windshield Wiper Motor**

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### **Models**

2008 (KK) Jeep® Liberty

*NOTE: This recall applies only to the above vehicles built from May 19, 2008 through June 28, 2008 (MDH 051906 through 062800).*

**IMPORTANT: Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery.** Dealers should also perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

### **Subject**

The windshield wiper motor on about 12,000 of the above vehicles may fail without warning. A loss of windshield wipers could limit the driver's visibility under certain operating conditions and cause a crash without warning.

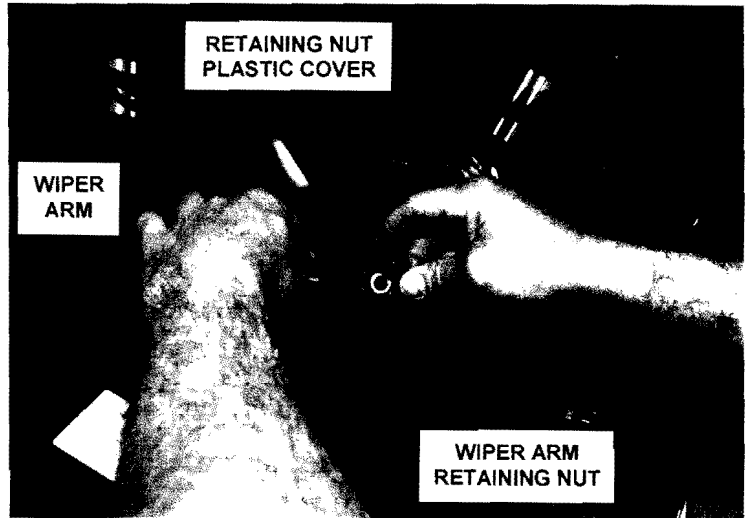
### **Repair**

The windshield wiper motor assembly must be replaced.

**Service Procedure**

**NOTE:** All figures in this document are shown on a left hand drive vehicle. The right hand drive vehicle procedures are the same except where noted.

1. Open the hood.
2. Disconnect and isolate the battery negative cable.
3. Remove the both front wiper arm retaining nut plastic covers (Figure 1).

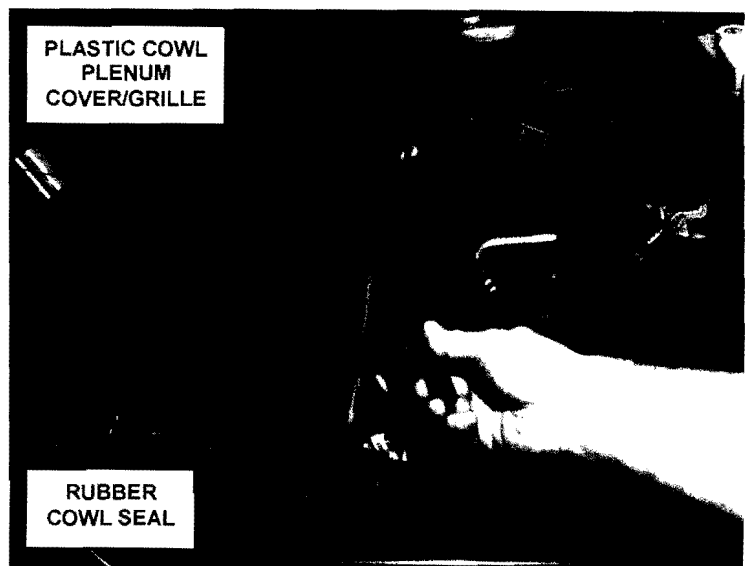


**Figure 1 – Pivot Cover and Nut**

4. Remove and save both front wiper arm-to-pivot retaining nuts (Figure 1).

**CAUTION:** Right hand drive vehicles have unique wiper arms for each side. Note their location before removing.

5. Carefully remove and save the wiper arms from the wiper pivot shafts.
6. Remove and save the rubber cowl seal (Figure 2).



**Figure 2 – Rubber Cowl Seal**

**Service Procedure (Continued)**

13. Transfer the wiper pivot assembly from the old wiper motor to the new wiper motor using the following procedure:

- a. Remove the two wiper pivot arm assembly-to-wiper motor retaining bolts (Figure 5).
- b. Disconnect the plastic linkage links at the wiper pivots.

**CAUTION:** Note the location of each pivot linkage. The linkage can be installed backwards.

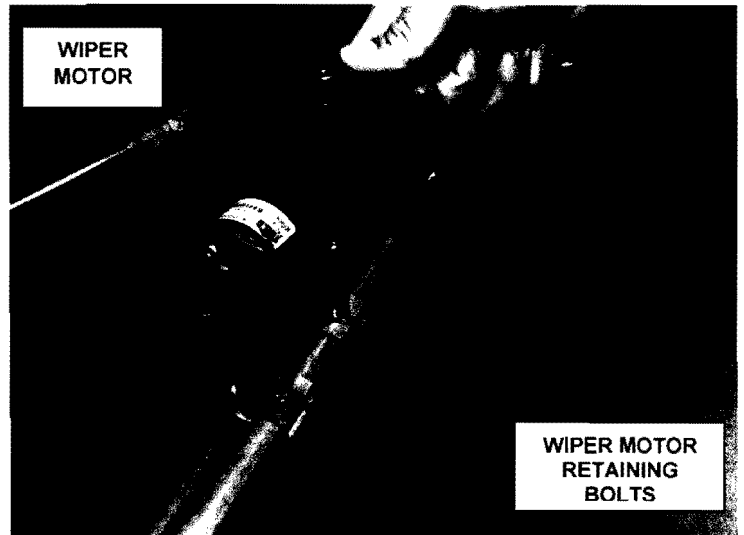


Figure 5 – Wiper Motor Retaining Bolts

- c. Remove any old grease on the wiper pivot ball studs.
- d. Place the new wiper motor in position on wiper pivot arm assembly.
- e. Install the two wiper motor retaining bolts. Tighten the bolts to 70 in. lbs. (8 N·m).
- f. Snap the plastic linkage links onto the wiper pivots (Figure 6).

**CAUTION:** The linkage can be installed backwards. Reference Figure 6 and 7 to ensure linkage is installed correctly.

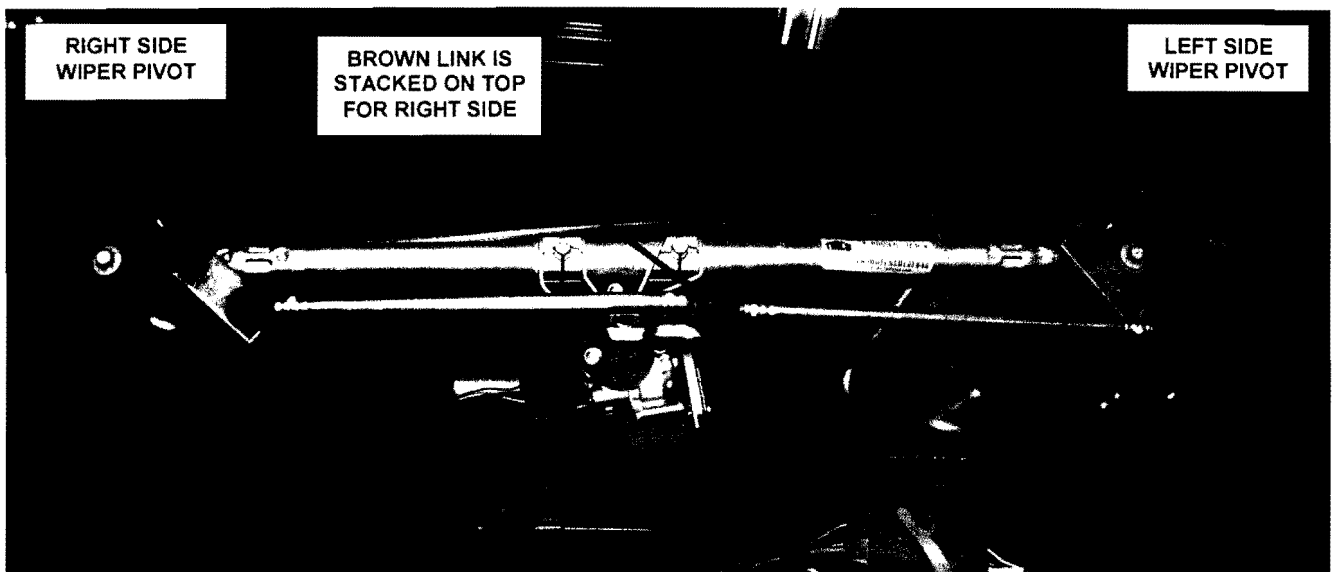


Figure 6 – Correctly Installed Wiper Linkage

**Service Procedure (Continued)**

19. Turn the ignition switch to the “RUN” position, then turn the front wiper switch ON and OFF to cycle the new wiper motor and linkage to their natural park position.

20. Install the plastic cowl plenum cover/grille panel over the cowl plenum.

21. Install the six (6) plastic cowl plenum cover/grille panel push pins.

22. Install the rubber cowl seal (Figure 2).

23. Install the wiper arms from the wiper pivot shafts. Be sure that the wiper blades are even with the edge of the windshield black-out.

**NOTE: The right and left wiper arms are interchangeable on left hand drive vehicles. Right hand drive vehicles have unique arms for the right and left side.**

24. Install the wiper arm-to-pivot retaining nuts. Tighten the nuts to 18 ft. lbs. (24 N·m).

25. Install wiper arm-to-pivot retaining nut plastic covers (Figure 1).

26. Verify proper wiper operation.

**Vehicle Lists, Global Recall System, VIP and Dealer Follow Up**

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

**Dealers must perform this repair on all unsold vehicles before retail delivery.** Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*

**Additional Information**

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services Field Operations  
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