



# Safety Recall Trucks

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08.12	<b>SC0364</b>		1(7)

Windshield Wiper Motor Pinch Bolt  
CHU, CXU, GU

## **SAFETY RECALL INFORMATION:**

Mack Trucks North America (Mack), has determined that a defect relating to the windshield wiper motor pinch bolts may exist in certain Mack CHU, CXU and GU model vehicles manufactured from October 10, 2011 to November 18, 2011.

It has been determined that the hardware used to attach the windshield wiper linkage to the wiper motor was not according to specification and therefore was subject to corrosion before assembly. This contamination may have prevented the bolt/nut from being tightened to the required torque specification. As a result, the bolt/nut may prematurely loosen to a point where the linkage detaches from the wiper motor, which can cause the windshield wipers to not function. Follow the procedure outlined in this document to replace the suspect hardware with acceptable parts.

## **VEHICLES AFFECTED:**

Certain Mack CHU, CXU and GU model vehicles manufactured from October 10, 2011 to November 18, 2011.

## **VEHICLE IDENTIFICATION NUMBERS (VIN):**

There are 1,397 (1,174 USA, 66 Canada and 157 Export) vehicles affected by this recall.

**Required Parts**

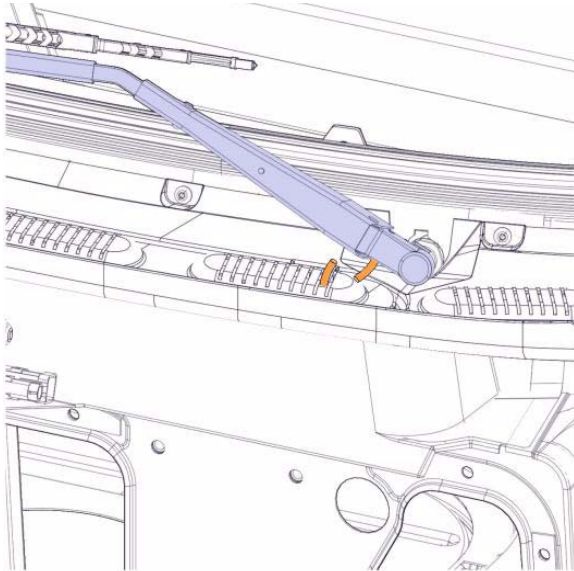
<b>PART NUMBER</b>	<b>QUANTITY</b>	<b>DESCRIPTION</b>
994430	1	M6 x 30 Hexagon Screw
85134348	1	Nut

## Repair Procedure

### **DANGER**

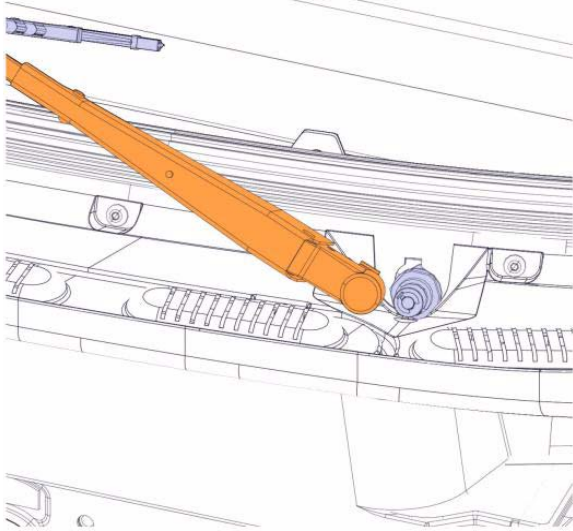
Before working on a vehicle, set the parking brake, place the transmission in neutral, and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

1. Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, 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 windshield washer fluid hose for the wiper arm spray nozzle.

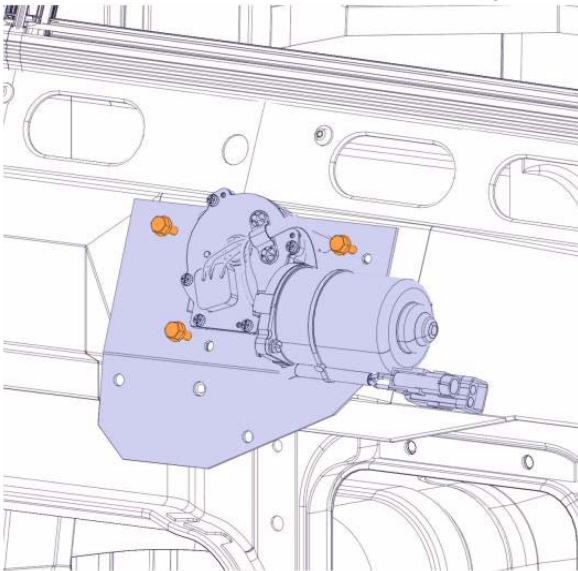


5. Pull the wiper arms away from the windshield to allow the release tab to be accessed.

6. Remove the windshield wiper arms from the transmission stud.



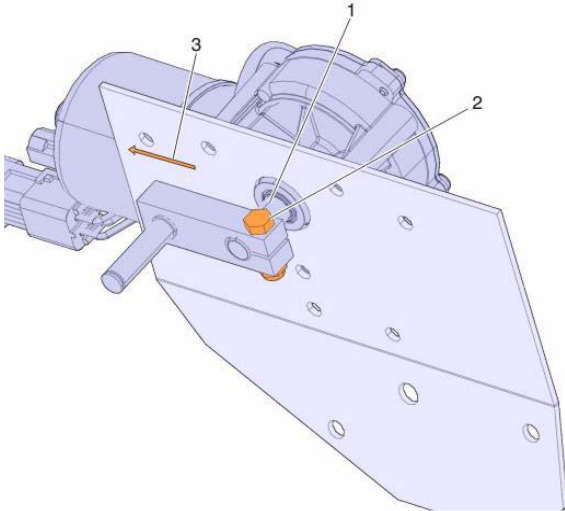
7. Remove the cowl fasteners.
8. Remove the cowl and place it aside.
9. Remove wiper motor fasteners securing the motor mounting plate to the cab.



10. Pull the wiper motor away from the bulkhead.
11. Make alignment marks noting the orientation of the drive arm to the wiper motor bracket.

12. Remove the defective pinch bolt from the drive arm.

Note: Once the pinch bolt is removed, the drive arm slides off the splined shaft of the wiper motor. This causes the drive arm to become out of time with the wiper motor. If this occurs, refer to the alignment marks to assist with reassembly

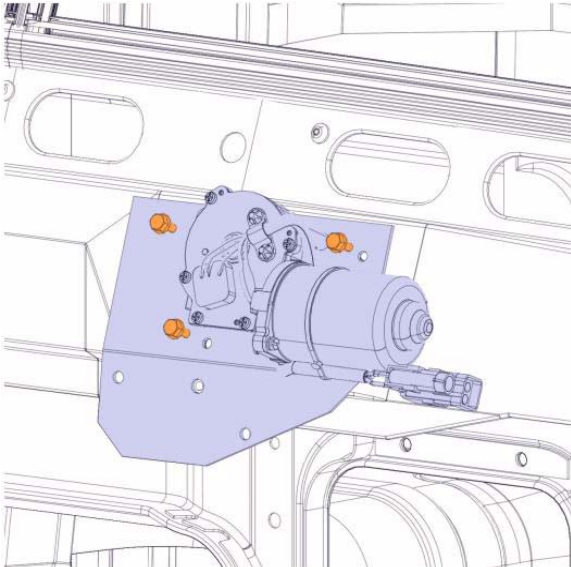


1. Pinch Bolt Alignment Mark  
2. Pinch Bolt  
3. Wiper Arm Bell Crank Alignment.

13. Install the new pinch bolt and nut. Using a calibrated torque wrench, torque to 10 Nm (7.5 ft-lb).

Note: Utilize the previously marked orientation of the drive arm to the wiper motor bracket.

14. Install the wiper motor into position and install wiper motor fasteners. Torque to 14 Nm (10.5 ft-lb),



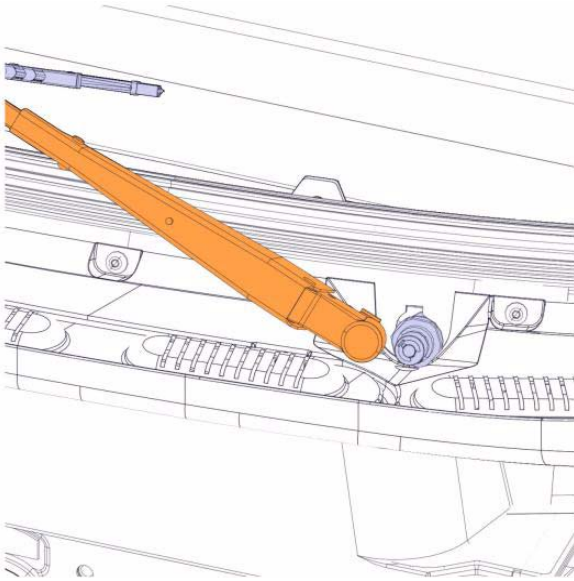
15. Clean and remove the old sealant from the cowl and bulkhead.  
16. Install the cowl into position.  
17. Install the cowl fasteners. To avoid stripping the fasteners hand tighten only.

18. Apply the new sealant to the cowl at the bulkhead seam.

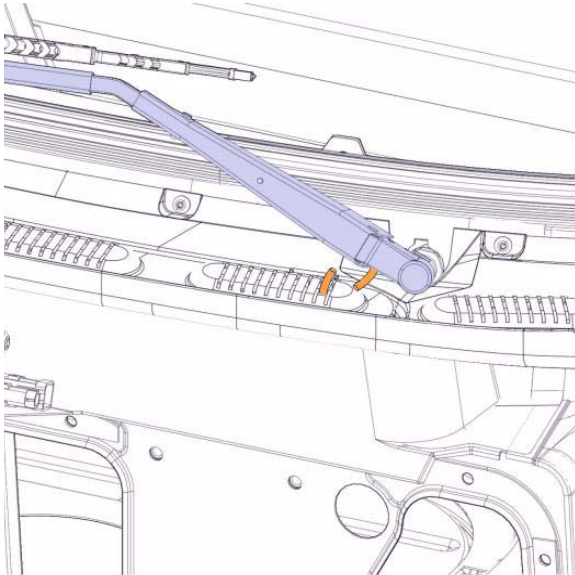
19. Align and install the wiper arms on the splined studs of the wiper transmission.

Note: Ensure that the wiper motor is in the parked position before installing the wiper arms.

Note: Ensure that the release tab engages before putting the wiper arms back at rest against the windshield.



20. Connect the windshield washer fluid hose for the wiper arm sprayer nozzle.



21. Check for proper operation of the windshield wipers.

22. Close and latch the hood.

23. Reconnect all previously removed cables to the negative (ground) and positive battery 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. Sys.)</b>	40
Vehicle repaired per instructions	2-Modified per instructions
<b>Labor Code</b>	
Primary Labor Code	7511A-01-95 - 0.7 hrs.
Time to take charge of vehicle	101AA-0A-00 - 0.3 hrs.
<b>Causal Part</b>	82149849
<b>Authorization No.</b>	SC0364

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.