

SAFETY RECALL BULLETIN



AUTOCAR SAFETY RECALL A-0602 NHTSA RECALL 06V-100

MARCH, 2006

ATTENTION: SERVICE MANAGERS / PARTS MANAGERS

SUBJECT: STEERING SHAFT YOKE BOLT

VEHICLES

AFFECTED: CERTAIN AUTOCAR MODEL WX AND WXR HEAVY-DUTY CLASS 8 VEHICLES BUILT BETWEEN FEBRUARY 6, 2006 AND MARCH 3, 2006 WITHIN VIN RANGE 203014 TO 203377

Safety Recall Information

Autocar, LLC has determined that a defect that relates to motor vehicle safety exists in certain WX and WXR model, heavy-duty class 8 vehicles manufactured between February 2006 and March 2006. Affected vehicles are identified in the data book by sales codes (option ID) 500013, 500014, 500015 or 500032, indicating the specific type of cab used on the truck.

On certain the affected vehicles, the bolt on the steering shaft may not be tightened to the correct specification, and the possibility exists that due to the loose nut, the yoke bolt could slide out partially and limit the rotation on the steering shaft. A loss of steering control may increase the risk of a crash.

Number of Vehicles Affected

There are 19 affected vehicles that were manufactured between February 6, 2006 and March 3, 2006 within VIN range 203014 to 203377.

NOTE: To verify or determine if a particular vehicle is affected by this recall (or any other recall), you should consult the *Dealer Access* link through the Autocar public website: www.autocartruck.com. By entering the Vehicle Identification Number into the VIN Profile, the screen will display any outstanding recall(s).

If a *Dealer Listing* is enclosed, it identifies the vehicles that were sold or shipped to your dealership. Be sure to check the VIN Profile screen on the Autocar website before performing the recall to verify that the recall is still open. If the recall has been completed by another dealer the word "Completed" will be shown following the recall number.

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MARCH, 2006

RECALL INFORMATION:

Time Allowance:

0.5 hours per vehicle

1.5 hours per vehicle *only if damaged steering components are found*

Recall Parts:

No parts are required for this recall.

If the steering yoke bolt and nut must be replaced, use part numbers:

3083736: 7/16" -20 UNF-2A x 1-3/4" Hex Head Cap Screw, SAE Grade 8 Steel, Phosphate and Oil Coated

945989: 7/16" -20 UNF-2A Hex Lock Nut, SAE Grade 10 Steel, Phosphate and Oil Coated

Tools Required:

- #2 long Phillips screwdriver
- 5/8" box wrench
- Torque wrench, capable of 60 lb-ft +/- 10 lb-ft
- 11/16" socket and ratchet driver

Claims for Credit:

The cost of this recall will be reimbursed based on the guidelines identified in this Bulletin. Submit a claim following the published instructions in the **Claim Preparation** section of the **Service Operations Manual**.

Claim Coding Information:

Authorization Number: A-0602
Repair Number: 64112-0-03 0.5 hour per vehicle

Use the number below only if damaged steering shaft(s) are found:

Repair Number: 64112-0-04 1.0 hour per vehicle

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AUTOCAR SAFETY RECALL A-0602 NHTSA RECALL 06V-100

MARCH, 2006

Owner Recall Response Card:

The **Owner Recall Response Card** provides the vehicle owner with a convenient way to notify Autocar, LLC of changes affecting the ownership of the subject vehicle. The owner card is not intended for dealer usage other than to assist you in the preparation of the repair orders necessary to perform the applicable recall on the subject vehicle. Please do not use the card as a way to inform Autocar, LLC that the vehicle has been inspected or modified. Your online claim is sufficient.

Dealer Recall Responsibility:

Dealers are to perform repairs on all vehicles subject to the recall at no charge to the owner regardless of vehicle mileage, age, or ownership. If a vehicle affected by this recall is taken into or is in your vehicle inventory or at your dealership for service, you must perform this recall before the vehicle is sold or released to the owner.

NOTE: It is illegal to sell a vehicle from your inventory with any outstanding recalls.

Affected Vehicle Identification Numbers:

5VCDC6MFX6H203338	5VCDC6BE56H203306	5VCDC6BE06H203360
5VCDC6PE36H203314	5VCDC6BE76H203307	5VCDC6MF76H203331
5VCDC6PE26H203014	5VCDC6BE06H203309	5VCDC6MF46H203335
5VCDC6PE46H203015	5VCDC6BE76H203310	5VCDC6MF66H203336
5VCDC6FE36H203377	5VCDC6BE26H203327	5VCDC6MF86H203337
5VCDC6BEX6H203219	5VCDC6MF86H203287	
5VCDC6MF26H203298	5VCDC6BG16H203286	

SAFETY RECALL BULLETIN



AUTOCAR SAFETY RECALL A-0602 NHTSA RECALL 06V-100

MARCH, 2006

REPAIR PROCEDURE:



WARNING

To prevent eye injury, always wear eye protection when performing vehicle maintenance, service or inspection.



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.

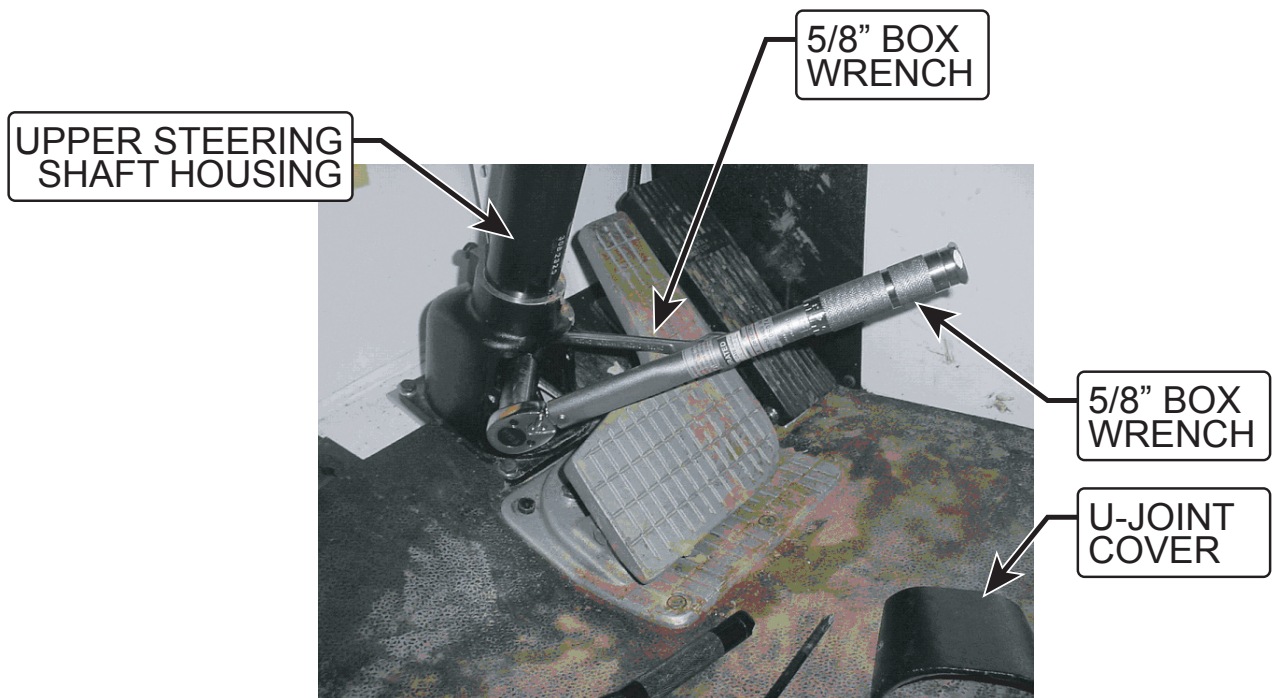
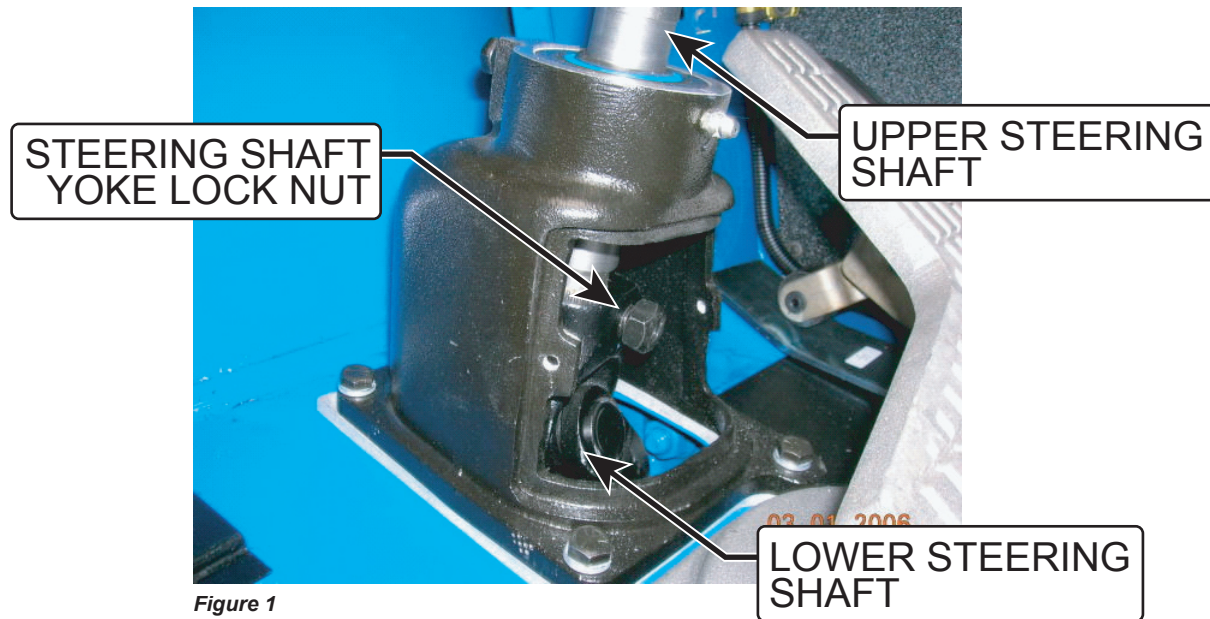
- Step 1:** Turn the battery disconnect switch to the **OFF** position.
- Step 2:** Locate the steering shaft universal joint cover plate at the bottom of the steering column inside the cab (see **Figures 1** and **2** on the following page).
- 2a.** For WX and WX dual drive trucks, this is behind the brake pedal in the left-hand foot well
- 2b.** For WXR trucks, this is behind the brake pedal in the right-hand foot well
- Step 3:** Remove the two Phillips-head screws holding the cover plate in place, then remove the cover plate to expose the steering shaft universal joint.

SAFETY RECALL BULLETIN



AUTOCAR SAFETY RECALL A-0602 NHTSA RECALL 06V-100

MARCH, 2006



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- Step 4:** Turn the steering column until the steering shaft yoke Hex Head Cap Screw (HHCS) and Lock Nut can be reached with a torque wrench and box wrench. If the HHCS and/or Lock Nut are missing, proceed to **Step 8**.
- Step 5:** Using the torque wrench with a 11/16" socket and the 5/8" box wrench, apply 60 lb-ft of torque to the steering shaft HHCS and Lock Nut.
- Step 6:** Mark the HHCS and Lock Nut with a paint marker to indicate that the torque operation has been performed on the affected truck.
- Step 7:** Re-install the steering shaft universal joint cover plate and secure the Phillips head screws to attach the cover plate to the U-joint box.

The inspection/repair procedure is now complete.

IF THE STEERING SHAFT IS MISSING, OR THE HHCS AND LOCK NUT ARE LOOSE:

- Step 8:** If the Lock Nut is missing, or the HHCS and Lock Nut are loose, remove the HHCS and inspect the threads for damage. If the threads are damaged, replace the HHCS and Lock Nut with new parts, as identified under **Recall Parts** on **Page 2**.
- Step 9:** Remove the steering shaft yoke from the upper steering shaft. Inspect the splines on the shaft and the inside of the yoke for damage. If no galling is found, follow **Step 5** through **Step 7** to complete the **REPAIR PROCEDURE**.
- Step 10:** If any galling is found on the splines of the steering shaft or the inside of the yoke, replace the upper and lower steering shaft and any damaged steering components.

The standard repair time for the replacement of the upper and lower steering shafts is 1.0 hour. Refer to SRT #64112-0-04 for detailed instructions.

- Step 11:** After completion of SRT #64112-0-04, follow **Step 5** through **Step 7** to complete the **REPAIR PROCEDURE**.

This concludes the Repair Procedure for this Safety Recall Notice.

We regret any inconvenience this recall may cause, but hope you will share in our concern for our customers' safety and satisfaction with their vehicles.