

**SAFETY RECALL BULLETIN****AUTOCAR**

AUGUST 2004

**ATTENTION:****SERVICE MANAGERS / PARTS MANAGERS****SUBJECT:****REAR AXLE WHEEL STUDS.****VEHICLES AFFECTED:****CERTAIN AUTOCAR CLASS 8, WX, WXR AND WXLL MODEL VEHICLES DELIVERED BETWEEN DECEMBER 9, 2003 & JULY 20, 2004 WITH VIN NUMBER RANGE 200173 to 200959.****SAFETY RECALL INFORMATION:**

Autocar LLC has determined that a defect relating to motor vehicle safety exists in certain Autocar WX, WXR and WXLL model vehicles assembled at Autocar's Hagerstown facility fitted with Accuride 22.5 x 9.00 - Hub Pilot H.D. Steel Wheel Rims with Accuride P/N RA 29300-1. The rear axle wheel studs are too short and do not protrude past the end of the nut.

**NUMBER of VEHICLES AFFECTED:**

There are Thirty-three (33) vehicles affected by this recall. The vehicles in question have serial numbers in the 200173 to 200959 range.

**NOTE:** To verify or determine if a particular vehicle is affected by this recall (or any other recall), you should consult the Service/Warranty screen. 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 before performing the recall to verify that the recall is still open. If the recall number does not appear in the VIN Profile then it has been completed.

**INSPECTION INSTRUCTIONS:**

There is no inspection for this recall.

RECEIVED  
2004 SEP 16 AM 11:35  
Page 1 of 5  
COMMERCIAL DEFECTS  
INVESTIGATION

# **SAFETY RECALL A-0401**

## **REPAIR:**

Remove all 40 wheel studs from the four rear axle wheel ends and insert new wheel studs as per the instructions starting on page 4 under Repair Instructions.

## **TIME ALLOWANCE:**

Repair: - 8.0 hour per vehicle

## **RECALL PARTS:**

Kit - P/N A8016439 - 40 only - M22 x 1.5-8g rolled threads Grade 8 serrated stud x 4.79" long - P/N 8071941  
- 1 only thrust bearing - P/N A8016438

## **REMOVED PARTS:**

The wheel studs removed per this recall should be scrapped locally.

## **CLAIMS FOR CREDIT:**

Expenses associated with the performance of this recall will be reimbursed based on the guidelines identified in this Bulletin, and by submitting a claim following published instructions in the "Claim Preparation" section of the "Service Operations Manual".

## **CLAIM CODING INFORMATION:**

Authorization Number: - A-0401  
Repair: - 77368-0-07 8.0 hours per vehicle

## **OWNER RECALL RESPONSE CARD:**

The "Owner Recall Response Card" is to provide 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 claim on line is sufficient.

## **DEALER RECALL RESPONSIBILITY:**

Dealers are to perform the recall on all vehicles subject to the recall at no charge to the owner regardless of mileage, age of vehicle, or ownership from this time forward. Whenever a vehicle subject to this recall is taken into or is in your vehicle inventory or dealership for service, we strongly recommend you make every effort to perform the recall correction before the vehicle is sold or released to the owner.

## **IMPORTANT NOTICE:**

Please note that the National Traffic and Motor Vehicle Safety Act requires that the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The law states that failure to repair a vehicle within sixty (60) days after tender for repair shall be a prima facie evidence of unreasonable time. However, circumstances of a particular situation may reduce the sixty (60) day period. If an owner's vehicle is not repaired within a reasonable time, he or she may be entitled, without charge, to a reasonable equivalent vehicle or refund of the purchase price, less reasonable allowance for depreciation.

### **AUTOCAR LLC**

PO Box 190

Hagerstown, IN 47348-0190

## REPAIR PROCEDURE FOR REPLACING THE REAR AXLE WHEEL STUDS

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

**Warning**  *Chock the wheels to prevent the vehicle from moving.*

1. Park the vehicle on a level surface. Turn off the engine and chock the front tires to keep the vehicle from moving.
2. Raise the rear axles and remove the wheels and brake drums.
3. Compare the threaded length of the new studs with the old studs. The new stud should be approximately 3/8" longer.
4. Drive the 10 studs out of the hubs one at a time using a suitable driver.
5. After all studs are removed begin installation of replacement studs as follows:
6. Insert stud into hub. Lubricate serrated end & threaded end of stud with grease or oil, next install thrust bearing (provided in kit with wheel studs) over stud & thread nut onto stud.



# SAFETY RECALL A-0401

**NOTE** – Thrust bearing must be used to prevent damage to mounting face of the wheel during installation of stud. Thrust bearing must also be periodically lubricated.

7. Tighten nut until hand tight & check that the stud is being pulled straight into the hub. If stud is straight continue tightening nut with suitable air impact gun. If needed strike the back/shoulder side of the stud while tightening to aide the installation. Continue drawing the stud into the hub until shoulder of stud is firmly against the hub as pictured below.



8. After all studs are installed, reinstall brake drum & tire/wheel assemblies. Wheel nuts must be torqued to 450 – 500 ft. lbs.
9. Recall is complete.