

REVISED**NHTSA Assigned Recall No. 04V-490**

June 21, 2005

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S. W.
Washington, DC 20590

05V-295
(9 pages)

Due to a staffing level reduction employees were moved around based upon seniority and unfortunately the proper procedure to test the operation of the back-up motion sensor was not fully understood by the new person doing this job

Even though we feel that the motion sensors have been properly installed since the release of Recall A-0402, without having properly tested the motion sensor operation we feel we should go back out and test all trucks built since October 7, 2004. This will add an additional 335 trucks to this recall.

The following information is submitted in accordance with the requirements of 49 CFR Part 573.6 as it applies to a defect relating to motor vehicle safety.

573.6(c)(1)
Autocar, LLC
P.O. Box 190
Hagerstown, IN 47346-0190

573.6(c)(2)
Autocar WX, WXLL and WXR model, heavy-duty class 8 vehicles shipped between 7/23/03 and 5/31/05.

Identified vehicles fitted with backup alarm motion sensors require the motion sensor to be tested and adjusted for proper operation.

573.6(c)(3)
There are Six Hundred and Forty-nine (649) vehicles with serial numbers in the range 200013 to 202326.

573.6(c)(4)
Percentage of vehicles expected to contain the suspect defect is 40%.

573.6(c)(5)

A dealer called to tell us that 6 out of nine trucks they ordered did not have the backup alarm motion installed correctly and they were not sensing when the vehicle moves backwards under any circumstances as is required by California State law for trucks used in refuse service. The vehicle may roll backwards without the backup alarm sounding with the risk of running over or crushing a person standing or working behind the vehicle.

573.6 (c)(6)

8/25/04 A dealer called saying that he had to adjust the backup alarm motion sensor on 6 out of 9 chassis cabs he had received before they would operate as designed.

8/30/04 A "where used" search indicated that over three hundred chassis cabs have had this motion sensor installed over the past year, however, a check of warranty records revealed that no other dealer had filed warranty claims for adjusting the motion sensor.

8/31/04 Several owners randomly chosen were contacted and asked to check the operation of their motion sensors on their fleets and several reported back that the motion sensors were not working on all of their vehicles.

9/13/04 Quality control records indicate that an inspection process was in place to ensure that the motion sensor operated correctly before leaving the factory, however, after talking to the plant personnel it was determined that not all were following the procedure correctly and were not testing the motion sensor but were checking operation of the backup alarm thinking that if it worked the whole system worked.

9/30/04 Autocar, LLC has determined that the condition described in this notification constitutes a product defect and that this defect is safety related.

573.6(c)(7)
Not applicable

573.6(c)(8)

Autocar, LLC will initiate a voluntary owner notification, and recall of all Autocar vehicles incorporating the above mentioned backup alarm motion sensors.

NHTSA
Page Three
June 21, 2005

Autocar, LLC reviewed warranty claims on this issue and found that no repairs were made on trucks outside of warranty and therefore no pre-notification repairs would have been made at the expense of the owner.

The recall will consist of the repositioning of the motion sensor in relation to the magnets that rotate when the vehicle moves. These magnets alert the motion sensor to vehicle movement when the assembly is adjusted properly.

The number, which has been assigned to this revised recall by Autocar, LLC, is **A – 0402-A**.

Bulletins and owner's notices will be mailed as per the regulations as soon as they are completed and approved by NHTSA.

Very Truly Yours
AUTOCAR, LLC

A handwritten signature in black ink, appearing to read "Stan R. Gornick". The signature is written in a cursive style with a large, looping initial "S".

Stan R. Gornick, P. Eng.
Manager, Compliance

SAFETY RECALL BULLETIN

JUNE 2005

ATTENTION: **SERVICE MANAGERS / PARTS MANAGERS**

SUBJECT: **BACKUP ALARM MOTION SENSOR**

VEHICLES **CERTAIN AUTOCAR WX, WXLL AND WXR MODEL,**
AFFECTED: **HEAVY-DUTY CLASS 8 VEHICLES DELIVERED**
BETWEEN 7/23/03 & 5/31/05 WITH VIN NUMBER
RANGE 200013 TO 202326.

SAFETY RECALL INFORMATION:

Autocar LLC has decided that a defect that relates to motor vehicle safety exists in certain WX, WXLL and WXR model, heavy-duty class 8 vehicles fitted with backup alarm motion sensors. The sensor may not have been installed correctly and may not sense when the vehicle rolls backwards under any circumstances.

NUMBER of VEHICLES AFFECTED:

There are Six Hundred and Forty-nine (649) vehicles affected by this recall with VIN number range 200013 to 202326.

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 has been completed by another dealer the word "Completed" will be shown behind the recall number.

INSPECTION INSTRUCTIONS:

Ensure the air gap between the motion sensor face and magnets is between 3/8" and 1/2". See instructions on page 4 under Repair Instructions.

REPAIR:

Loosen the motion sensor attachment nuts and adjust the air gap between the motion sensor face and magnets so that it is between 3/8" and 1/2" as per the instructions starting on page 4 under Repair Instructions.

TIME ALLOWANCE:

Repair: - 0.7 hour per vehicle

RECALL PARTS:

There are no parts for this recall.

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-0402-A
Repair: - 38401-0-12 0.7 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 remedy 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 your dealership for service, we strongly recommend you make every effort to perform the recall remedy before the vehicle is released to the owner.

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

AUTOCAR LLC

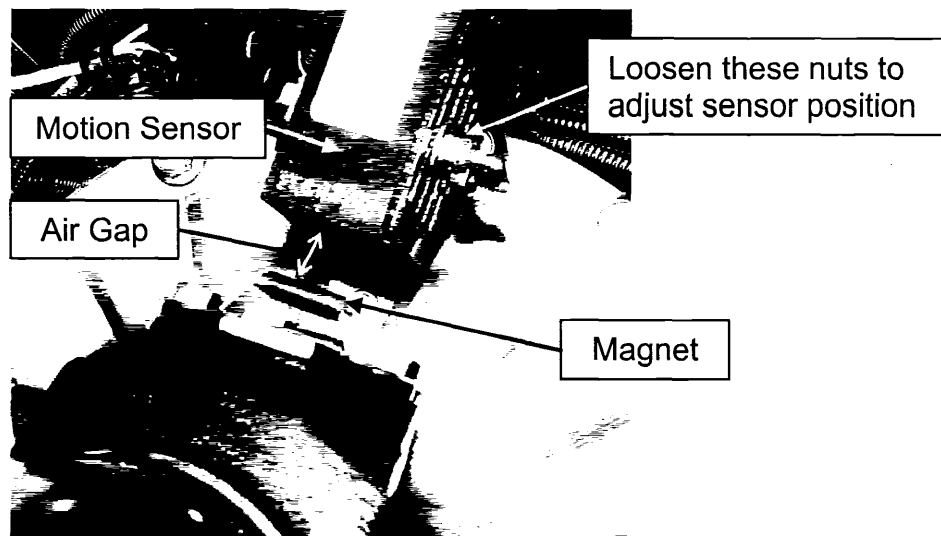
PO Box 190
Hagerstown, IN 47346-0190

PROCEDURE FOR ADJUSTING THE MOTION SENSOR AIR GAP

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. Using a spotter move the vehicle back and forth until the backup alarm motion sensor face is directly opposite one of the two magnet assemblies mounted on the drive shaft yoke as shown in the photo below.



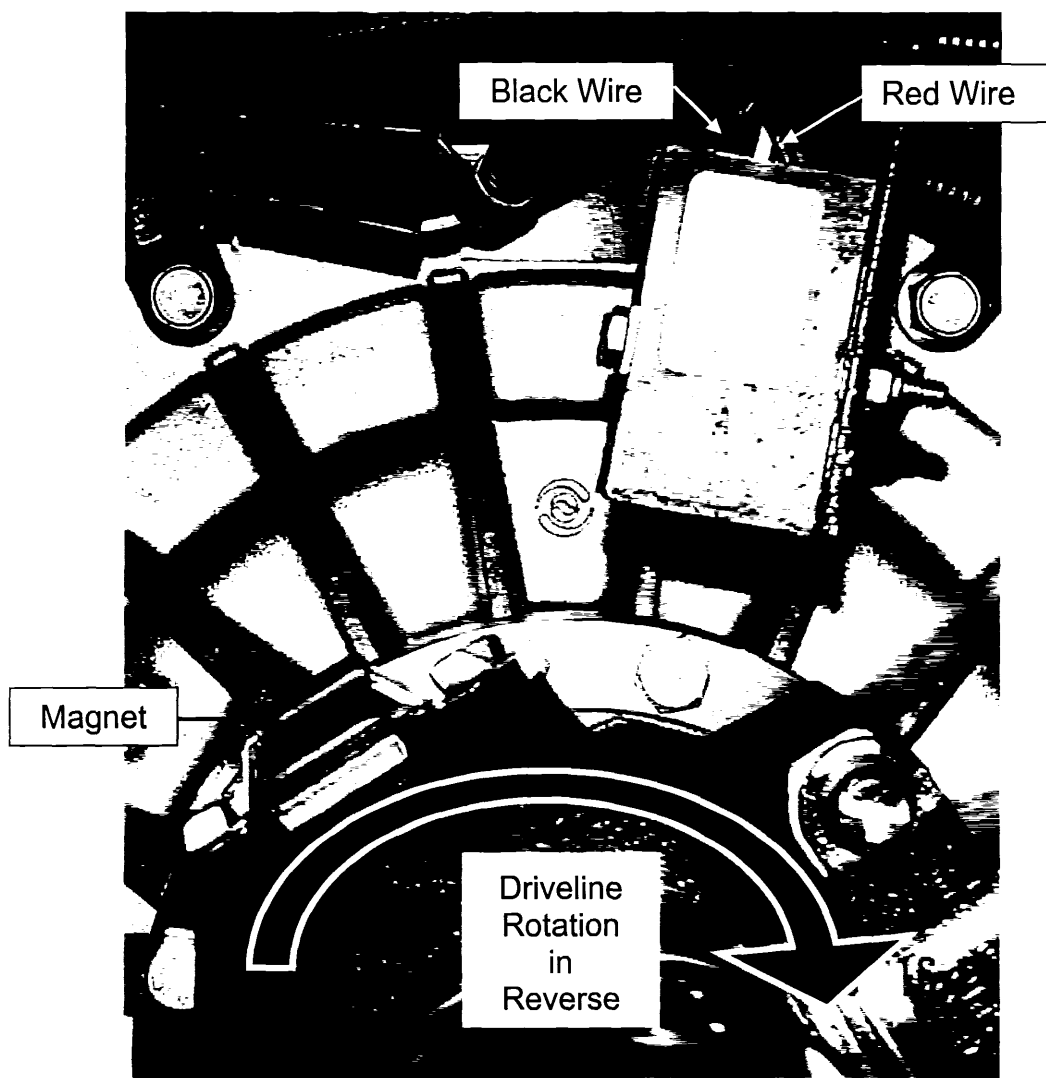
2. Turn off the engine and chock the front tires to keep the vehicle from moving.
3. Using a 3/8" and 1/2" drill bits ensure the air gap between the backup alarm motion sensor face and magnet is greater than or equal to 3/8" and less than or equal to 1/2". Repeat this procedure for both magnets.
4. If air gap is not within these limits loosen the sensor mounting bolt nuts and adjust air gap as required.
5. To verify that the sensor is working properly take the vehicle outdoors and perform the following test.

With a driver and a spotter in place to ensure nobody is behind the truck, start the truck, apply the foot brake and release the parking brakes. Put the transmission into reverse. The backup alarm should sound immediately. Take your foot off of the brakes and let the vehicle

SAFETY RECALL A-0402-A

roll backwards, the alarm should still sound. While the vehicle is rolling backwards put the transmission into neutral, the alarm should still sound. With the vehicle still moving rearward turn the ignition key to the off position, the alarm should still sound. Finally apply the brakes to bring the vehicle to a complete stop, the backup alarm should now stop. If the vehicle performs as stated above the recall is complete. If not, you must trouble shoot the sensor and associated wiring and sensor orientation.

NOTE: The sensor must be mounted so that the magnets mounted on the driveline yoke rotate past the sensor from the black wire to the red wire when the driveline rotates in the reverse direction as shown below.



SAFETY RECALL NOTICE



SAFETY RECALL A-0402-A JUNE 2005

Dear Autocar Truck Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Autocar LLC has decided that a defect that relates to motor vehicle safety exists in certain WX, WXLL and WXR model, heavy-duty class 8 vehicles shipped between 7/23/03 & 5/31/05 with VIN number range 200013 to 202326.

SAFETY DEFECT: On certain Autocar WX, WXR and WXLL model vehicles the backup alarm motion sensor may not have been installed correctly and may not sense when the vehicle moves backwards under any circumstances.

POTENTIAL RISK: The vehicle may roll backwards without the backup alarm sounding with the risk of running over or crushing a person standing or working behind the vehicle.

PRECAUTIONS YOU CAN TAKE: You may perform the following inspection. With a driver and a spotter in place to ensure nobody is behind the truck, start the vehicle, apply the foot brake and release the parking brakes. Put the transmission into reverse. The backup alarm should sound immediately. Take your foot off of the brakes and let the vehicle roll backwards, the alarm should still sound. While the vehicle is moving backwards put the transmission into neutral, the alarm should still sound. With the vehicle still moving rearward turn the ignition key to the off position, the alarm should still sound. Finally apply the brakes to bring the vehicle to a complete stop, the backup alarm should now stop. If your truck does not perform as stated above immediately contact your dealer to setup an appointment to have this recall completed. If the vehicle performs as outlined above please check the "Inspected Vehicle" box on the attached postage paid **OWNER SAFETY RECALL RESPONSE CARD**, sign and date the card and place in the mail.

REPAIR: At no charge to you regardless of your vehicle's age or mileage, an Autocar truck dealer will repair your vehicle.

TIME REQUIRED FOR THE REPAIR: The labor time required to repair your vehicle is about 0.7 hours.

WHAT YOU SHOULD DO: If you have inspected the truck yourself and the motion sensor is not performing as per the inspection procedure or if you prefer the dealership to perform the inspection on your behalf Autocar LLC *urges* you to immediately contact a Autocar truck dealer for a service appointment to have your vehicle inspected and/or repaired. To locate the closest Autocar truck dealer you can go on line to www.Autocartruck.com and select Sales, Service & Parts or call 1-877-973-3486 Ext. 2572

SAFETY RECALL NOTICE



PRE-NOTIFICATION REPAIR:

If you have previously paid for repairs to have your backup alarm motion sensor repaired you may be entitled to recovery of those expenses. Submit a copy of all documentation supporting your claim to Autocar Trucks at the address identified in this notice in the section "Assistance".

NOTICE REGARDING LEASED VEHICLES:

If you are a Lessor of vehicles subject to this Notice, you have an obligation under Federal Law to provide a copy of this Notice to all Lessees within 10 days of your receipt of this Notice. Further, you must " maintain a record, which identifies the Lessee(s) to whom you send a copy of this letter, the date you send this letter, and the Vehicle Identification Number(s) of the vehicle(s) that you have leased to that Lessee. For, purposes of this Notice, the term Lessor means: a person or entity that is the owner, as reflected on the vehicle's title, of any five or more leased vehicles (as defined In 49 CFR Section 577.4), as of the date of notification by the manufacturer of the existence of a safety-related defect or non-compliance.

OWNER RECALL RESPONSE CARD:

The enclosed "Owner Recall Response Card" identifies your vehicle. Presentation of this card to any authorized full-service Autocar truck dealer will assist in the processing of your vehicle in the shortest time possible. If you do not own, have sold or have traded the vehicle identified, please let us know by completing, and signing the postage-paid Card and returning it to Autocar LLC so we can update our records.

ASSISTANCE:

If your vehicle has not been modified within a reasonable time after delivering it to the dealer on the agreed-upon service date, please contact:

Autocar LLC
Service & Warranty Department
P.O. Box 190
Hagerstown, IN 47346-0190

or call our toll-free number: 1-877-973-3486. You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S. W., Washington DC 20590 or call the toll-free Auto Safety Hot Line at 1-888-327-4236.

We regret any inconvenience this recall may cause, but hope you will share in our concern for your safety and satisfaction with your vehicle.

Sincerely

AUTOCAR, LLC