

MAILED

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Compliance Dept.

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# SERVICE PROCEDURE

G-12510  
APRIL 2012

**SUBJECT: SAFETY RECALL**  
Bendix® ATR-6™ valve on certain CE bus models built 12/02/2010 thru 01/26/2012 with traction control or stability control and only registered in the states of IA, ID, IL, MA, MI, MN, MS, NY, WA, and WI.

## **DEFECT DESCRIPTION**

Bendix Commercial Vehicle Systems LLC has determined that a potential defect related to motor vehicle safety exists in Bendix® ATR-6™ valves manufactured between December 02, 2010 and January 18, 2012. In extremely cold conditions (at or below 0° F or -18° C), the Bendix® ATR-6™ valve can experience internal leakage, resulting in air pressure being delivered to the affected service brake circuit and may cause intermittent or, in isolated cases, continuous brake application.

## **MODELS INVOLVED**

This Safety Recall involves certain CE bus models built 12/2/2010 thru 1/26/2012 with feature codes 04AZJ, 04AZV, and 04BAG (Traction Control) or feature codes 04AZR, 04AZS, 04AZW, 04AZY (Stability Control) and only registered in the states of IA, ID, IL, MA, MI, MN, MS, NY, WA, and WI.

**Note: See page 4 for specific parts return information.**

## **PARTS INFORMATION**

Part Number	Part Description	Quantity
8900225R91	ATR6 Valve Safety Recall Reman Kit	1
8900226R91	ATR6 Valve Safety Recall New Kit	1

**Navistar Part # 8900225R91** contains the following parts:

Part Number	Part Description	Quantity
BXK070677	Bendix ATR-6 Brake Valve Kit (Reman Kit)	1

Navistar Part # 8900226R91 contains the following parts:

Part Number	Part Description	Quantity
BXK071015	Bendix ATR-6 Brake Valve Kit (New Kit)	1

## **SERVICE PROCEDURE**

**WARNING!** PARK VEHICLE ON HARD FLAT SURFACE, TURN THE ENGINE OFF, SET THE PARKING BRAKE, AND BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND/OR DEATH.

**WARNING!** IF THE VEHICLE MUST BE RAISED, DO NOT WORK UNDER THE VEHICLE SUPPORTED ONLY BY JACKS. JACKS CAN SLIP OR FALL OVER, POTENTIALLY RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

**WARNING!** ALWAYS WEAR SAFE EYE PROTECTION WHEN PERFORMING VEHICLE MAINTENANCE. FAILURE TO DO SO MAY RESULT IN SERIOUS EYE INJURY.

**WARNING!** KEEP FLAMES OR SPARKS AWAY FROM VEHICLE AND DO NOT SMOKE WHILE SERVICING THE VEHICLE'S BATTERIES. BATTERIES EXPEL EXPLOSIVE GASES. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND/OR DEATH.

**WARNING!** REMOVE THE GROUND CABLE FROM THE NEGATIVE TERMINAL OF THE BATTERY BOX BEFORE DISCONNECTING ANY ELECTRICAL COMPONENTS. ALWAYS CONNECT THE GROUND CABLE LAST. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND/OR DEATH.

### **All Models**

1. Park the vehicle on a level surface and block the wheels.
2. Remove the electrical connections at the batteries. Always remove the negative battery cable first.

3. Drain the air pressure from all vehicle air tanks.
4. Identify, mark, or label all air lines and wiring cables and their respective connections on the relay valve to facilitate ease of installation.
5. Disconnect all air lines and disconnect the electrical connector.
6. Note and mark the mounting position of the relay valve on the vehicle. Remove and save the relay valve mounting hardware and remove the relay valve from the vehicle.
7. Follow procedure one, steps 5 through 10 on the attached Bendix instructions to replace the top cover, ball, seal, and gaskets with those supplied in the kit.
8. Mount the relay valve on the vehicle and orient it in the position marked on the valve and tighten the mounting bolts to specification.
9. Connect all air lines and reconnect the electrical connector to the relay valve using the identification made prior to valve removal.
10. Reconnect the electrical connections to the batteries. Always reconnect the ground cable last.
11. Start the engine and build air pressure until full air pressure has been attained.
12. Perform the chuff test, procedure three, in the attached Bendix instructions.
13. Perform the operational and leakage tests, procedure four, in the attached Bendix instructions.
14. Remove the wheel blocks.

## **END OF SERVICE PROCEDURE**

### **LABOR INFORMATION**

<b>Operation Number</b>	<b>Description</b>	<b>Time</b>
A40-12510-1	Traction control only (one valve) – all models	0.6

## **PARTS RETURN INFORMATION**

US dealers – All replaced covers MUST be returned via UPS collect billing account #RW1663 to:

Bendix CVS  
Attn: Recall Returns Department  
1850 Riverfork Drive  
Huntington, IN 46750

Canadian dealers – All replaced covers MUST be returned via Purolator Courier Ground collect billing account #016474777 (shipments under 200 pounds) to:

Bendix CVS Canada  
Attn: Recall Returns Department  
8851 4e Croissant  
Anjou, Quebec H1J 1A9

## **CAMPAIGN IDENTIFICATION LABEL**

Each vehicle corrected in accordance with this campaign must be marked with a CTS-1075 Campaign Identification Label.

Complete the label and attach on a clean surface next to the vehicle identification number (VIN) plate.

DO NOT REMOVE  
**INTERNATIONAL**  
Campaign No.  
VIN  
Eng.#  
**COMPLETED**  
Service Location Code #  
DO NOT REMOVE

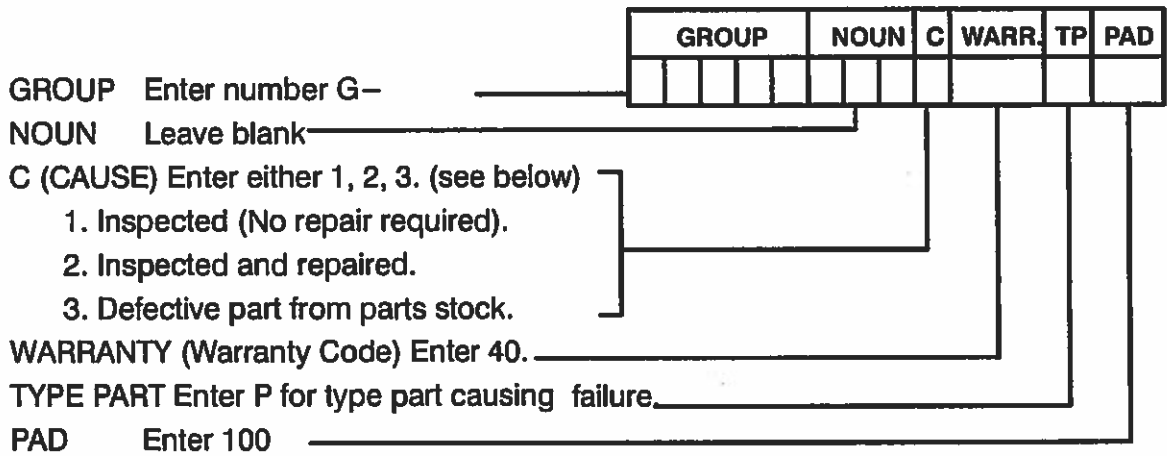
## **ADMINISTRATIVE/DEALER RESPONSIBILITIES**

### **WARRANTY CLAIMS**

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Safety Recall 12510.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submission, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (bag of cable tie straps, roll of wire, barrel of oil, tube of silicone, etc.) should be prorated for the cost of the individual pieces/amount used during each repair.



**UNITED STATES AND POSSESSIONS**

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle that is subject to a vehicle recall campaign must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after a tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within 60 days, the owner may be entitled to replacement with an identical or reasonable equivalent vehicle at no charge, or to a refund of the purchase price less a reasonable allowance for depreciation.

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer, or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer

notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

## **CANADA**

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer, or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

## **EXPORT**

Export Distributors should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer, or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your distributor location.

Export Distributors are to submit warranty claims in the usual manner making reference to this recall number.

Export Distributors are expected to provide full cooperation and follow-up with respect to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

**NAVISTAR, INC**