

# ***SERVICE PROCEDURE***

**G-10503  
FEBRUARY 2010**

**SUBJECT: SAFETY RECALL  
ROLL STABILITY CONTROL (RSC) SYSTEM on  
certain ProStar and LoneStar models built 10/7/08  
thru 10/28/09.**

## **DEFECT DESCRIPTION**

The air line that supplies the traction solenoid valve of the roll stability control (RSC) system may have been connected to an incorrect port on the air tank. This condition at no time affects the normal operation of the tractor and trailer service brakes when activated by the driver, or the function of the tractor RSC system. Less than optimal RSC control of the trailer brakes during a roll stability event may increase the chances of a crash which can result in property damage, personal injury, or death.

## **MODELS INVOLVED**

This Safety Recall involves certain ProStar and LoneStar models built 10/7/08 thru 10/28/09.

## **PARTS INFORMATION**

No parts will be required for this repair.

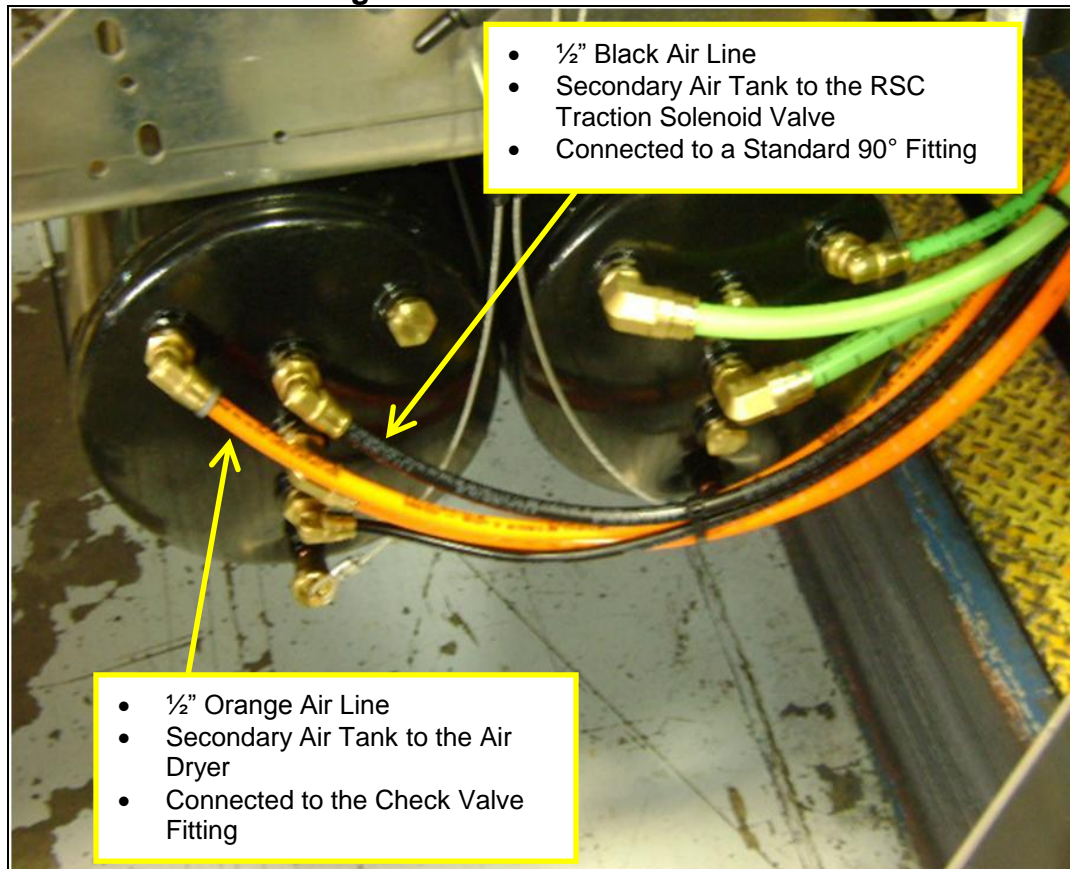
## **SERVICE PROCEDURE**

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

1. Overview: When the suspect vehicles were built, the correct porting locations of two air lines may have been reversed at the secondary air tank. This procedure includes inspection for this condition and repair when necessary.
2. Determine if the air line porting on the two air lines noted in the picture below is correct. The orange 1/2" air line should be connected to the 90° fitting as shown. This fitting has an internal one way check valve and can be identified by the grey colored release button where the line enters the fitting. The 1/2" black line should be connected to a similar looking fitting as shown, however, the disconnect release button is brass colored.

### Correct Air Line Porting



3. If the air line porting is correct, no repair is required and the service procedure is complete.
4. If the air line porting is not correct, first deplete air pressure then switch the black and orange air lines at the tank fittings. Do not switch the 90° tank fittings, just the air lines. These fittings must remain in these locations to aid in identification of proper installation. Tie straps on the air line bundle may need to be cut to allow for enough air line length to switch the lines. After switching the lines, replace any ties straps that were removed.

## END OF SERVICE PROCEDURE

## LABOR INFORMATION

Operation Number	Description	Time
A40-10503-1	Inspection and Repair (if necessary)	0.4

## 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

Refer to Dealer Warranty Manual for procedures to conduct Recall Campaigns.

It is important that the Recall Coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44:

	GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—						
NOUN Leave blank						
C (CAUSE) Enter either 1, 2, 3. (see below)						
1. Inspected (No repair required).						
2. Inspected and repaired.						
3. Defective part from parts stock.						
WARRANTY (Warranty Code) Enter 40.						
TYPE PART Enter P for type part causing failure.						
PAD Enter 100						

## **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.

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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**