

SERVICE PROCEDURE

**G-13502R2
MARCH 2013**

SUBJECT: SAFETY RECALL
Injection Pressure Regulator (IPR) wire connector on certain CE and RE school bus models built 7 December 2010 through 26 June 2012 with certain MaxxForce® DT, 9, and 10 engines.

REASON FOR THIS REVISION

The tools required for this procedure have been revised to remove an unnecessary tool listed. The tool currently listed in the Tool Information table also performs the function of the removed tool.

The service procedure has been modified. Carefully read Steps 5 through 8 and follow the instructions provided in this revision.

The standard repair times (SRTs) listed for the labor operations have changed. Please review these updated SRTs before submitting a claim.

DEFECT DESCRIPTION

The Injection Pressure Regulator (IPR) harness wire may possibly break due to vibrational damage at the crimp/wire interface. A break in the wire to the IPR could possibly cause an unexpected engine shutdown without warning.

MODELS INVOLVED

This Safety Recall involves certain CE and RE school bus models built 7 December 2010 through 26 June 2012 with certain MaxxForce® DT, 9, and 10 engines with feature codes 12NUK, 12NUL, 12NUM, 12NUN, 12NUP, and 12NUS.

PARTS INFORMATION

Part Number	Part Description	Quantity
1889325C94	Kit, IPR Valve	1

1889325C94 Kit Contents:

Part Number	Part Description	Quantity
3035970C91	IPR Valve Pigtail Assy	1
7093281C91	2-Pin Connector Service Kit	1
4328084R1	Instruction Sheet	1

TOOL INFORMATION

Tool Number	Part Description	Quantity
12-800-01	IPR Valve Socket Tool	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! ALWAYS WEAR SAFE EYE PROTECTION WHEN PERFORMING VEHICLE MAINTENANCE. FAILURE TO DO SO MAY RESULT IN SERIOUS EYE INJURY.

WARNING! ALLOW COMPONENTS IN ENGINE COMPARTMENT TO COOL BEFORE SERVICING ENGINE OR VEHICLE. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

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.

Note: Refer to [Special Access Instructions for RE Bus](#).

1. Park vehicle on flat surface with wheels straight ahead.
2. Shift transmission to park or neutral and set parking brakes.
3. Install wheel chocks.
4. Unlatch and open hood.
5. Disconnect IPR connector from engine harness.
6. Refer to Instruction Sheet 4328084R1, included in Kit 1889325C94, for steps to remove old IPR and to install updated IPR.
7. Refer to Instruction Sheet 4328070R1, included in Kit 7093281C91, for additional steps for splicing.
8. Reconnect IPR connector to engine harness.
9. Run engine to verify proper operation, no fault codes present, and check for leaks.
10. Close and latch hood.
11. Remove wheel chocks.

Note: Refer to [Supplementary Installation Instructions for RE Bus](#).

END OF SERVICE PROCEDURE

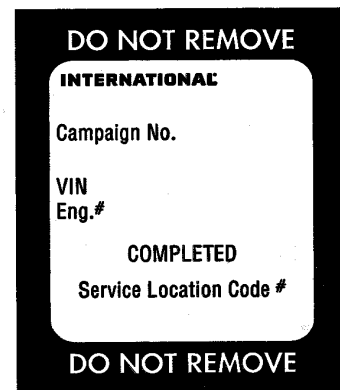
LABOR INFORMATION

Operation Number	Description	Time
A40-13502-1	Install IPR with Pigtail Jumper (CE Bus)	0.6 hrs
A40-13502-2	Install IPR with Pigtail Jumper (RE Bus)	1.8 hrs

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.



The image shows a black rectangular label with white text. At the top, it says "DO NOT REMOVE". Below that, in a white rounded rectangle, it says "INTERNATIONAL". Underneath, there are fields for "Campaign No.", "VIN", and "Eng.#". Below these fields, it says "COMPLETED" and "Service Location Code #". At the bottom, it says "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 13502.

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.

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

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.

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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