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Compliance Dept.

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SERVICE PROCEDURE

16501

MARCH, 2016

SUBJECT: SAFETY RECALL

Stop Arm on certain CE and RE School Bus models built 04 May 2015 thru 15 December 2015 with stop arm feature code 0049EER, 0049EEG, 0049EEK, 0049EEL, 0049EEN, 0049EES, or 0049EEU (SMI Transpec Stop Arm).

DEFECT DESCRIPTION

Certain school buses may not conform to Federal Motor Vehicle Safety Standard (FMVSS) 131 – School Bus Pedestrian Safety Devices. The STOP decal may not adhere properly to the stop sign and could peel off without warning. During low visibility situations, this could increase the risk of injury for the passengers exiting the school bus.

MODELS INVOLVED

This Safety Recall involves certain CE and RE school bus models built 04 May 2015 thru 15 December 2015 with stop arm feature code 0049EER, 0049EEG, 0049EEK, 0049EEL, 0049EEN, 0049EES, or 0049EEU (SMI Transpec Stop Arm).

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall 16501. Also complete any other open campaigns listed on the Service Portal at this time.

PARTS INFORMATION

NOTE: DO NOT preorder stop arm kits for inventory. Once customer repair request is confirmed, the appropriate kit specific for that customer's vehicle can only be obtained using the Fleet Information Request Tool and clicking on the appropriate campaign number.



Figure 1. Fleet Information Request Tool

NOTE: WinZip software must be installed on the computer being utilized with the Fleet Information Request Tool in order to open larger compressed files sent via email.

NOTE: Using the Fleet Information Request Tool does not order the appropriate kit for the vehicle. It provides the part number of the kit that must be ordered.

1. Fleet Information Request Tool (Figure 1) via VIN submission:
 - a. Navigate to International[®] Service PortalSM, select WARRANTY, then select FLEET INFORMATION REQUEST TOOL https://evaluate.internationaldelivers.com/service/service_info/FleetInfoRequestTool.aspx
 - b. Using sample format provided on Request Tool web site, upload a complete VIN list (No other information is required).
 - c. Enter your e-mail address.
 - d. Click on CAMPAIGN PARTS and select the associated recall.
 - e. Click on SUBMIT.
 - f. An e-mail will be sent to the requestor depicting appropriate part / kit associated with the VIN list submitted.

SERVICE PROCEDURE

GOVERNMENT REGULATION: Engine fluid (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluid and other contaminated materials (such as filters and rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake and install wheel chocks to prevent the vehicle from moving in both directions.

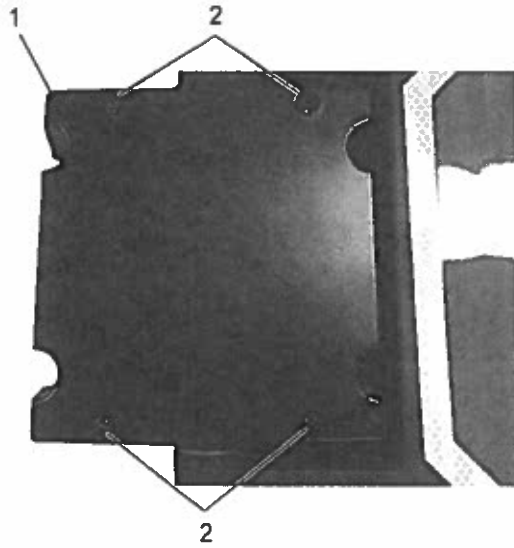
WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

NOTE: This operation can be performed while the Stop Arm Assembly is in its fixed, mounted position.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Install wheel chocks.
4. Access vehicle batteries. Disconnect and isolate ground cable of main vehicle battery.



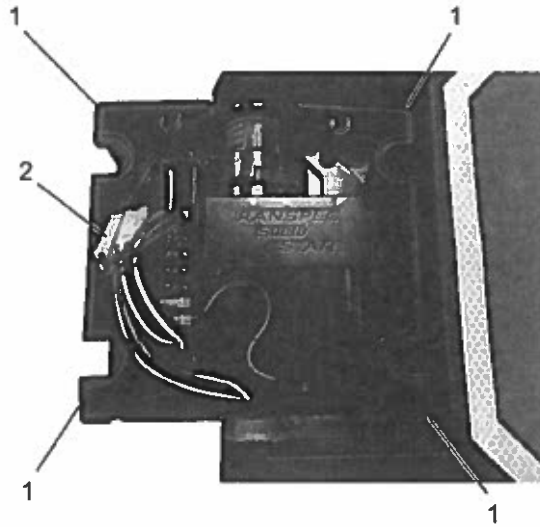
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Figure 2. Stop Arm Cover

1. Stop arm cover
2. Screw (4)

NOTE: Save screws for reuse.

5. Remove four screws (Figure 2, Item 2) securing stop arm cover (Figure 2, Item 1). Remove cover.



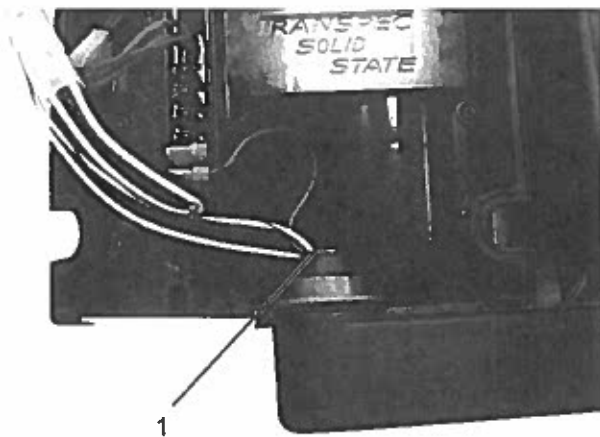
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Figure 3. Harness Connector

1. Gasket
2. Connector

NOTE: Do not remove gasket from cover.

6. Disconnect wiring harness connector (Figure 3, Item 2). Verify gasket (Figure 3, Item 1) is properly seated.

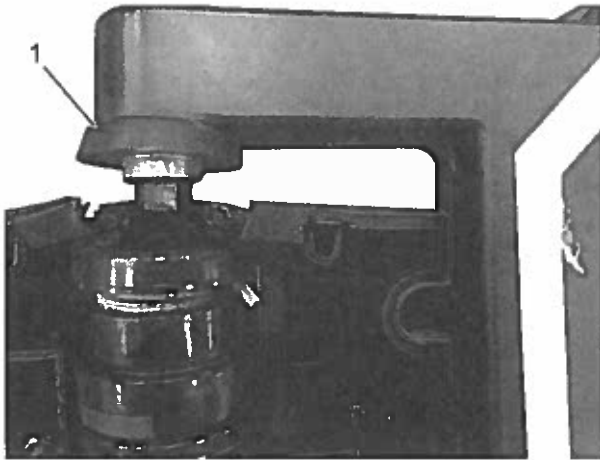


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Figure 4. Lower Blade Arm

1. Arm

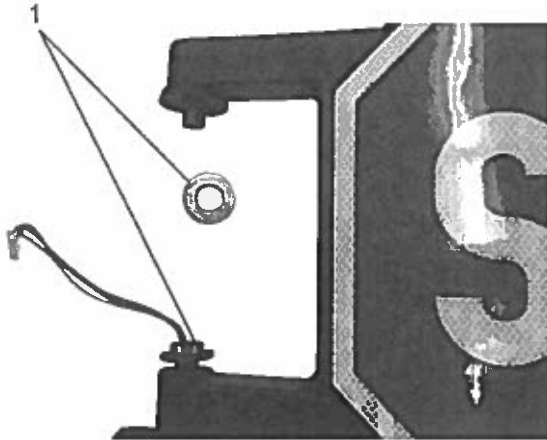
7. Pull lower arm (Figure 4, Item 1) down and away to separate from stop arm base.



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Figure 5. Upper Blade Arm
1. Arm

8. Separate upper arm (Figure 5, Item 1) from clutch / motor shaft.



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Figure 6. Blade Bushings

1. Bushing (2)

9. Remove brass bushings (Figure 6, Item 1) and save for reuse. Discard blade arm.
10. Install previously removed brass bushings onto kit-supplied blade arm.
11. Install kit-supplied blade arm (Figure 5, Item 1) by inserting the upper arm onto the clutch / motor shaft.
12. Position and install lower arm (Figure 4, Item 1) onto stop arm base.
13. Connect wiring harness connector (Figure 3, Item 2).
14. Ensure gasket (Figure 3, Item 1) is properly seated.
15. Position cover (Figure 2, Item 1) and install four screws (Figure 2, Item 2). Tighten screws securely.
16. If necessary and if equipped, repeat Steps 5 through 15 to replace rear stop arm.
17. Connect ground cable to main vehicle battery.
18. Test stop arm operation. Repair if necessary.
19. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-16501-1	Replace One Stop Arm Blade	0.4 hr
A40-16501-2	Replace Second Stop Arm Blade (When Applicable)	0.2 hr

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 rectangular label template with a black border. At the top and bottom, it says "DO NOT REMOVE". In the center, there is a white box with the word "INTERNATIONAL" at the top. Below that, there are fields for "Campaign No.", "VIN", and "Eng." with a small arrow pointing to the right. Below these fields, it says "COMPLETED" and "Service Location Code" with a small arrow pointing to the right.

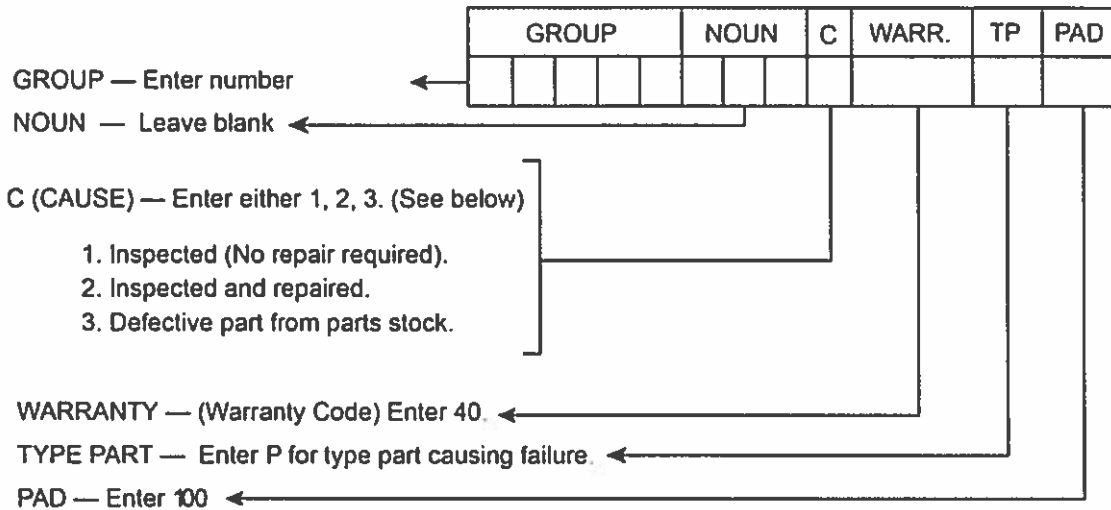
ADMINISTRATIVE / DEALER RESPONSIBILITIES

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 16501.

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 submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, a barrel of oil, or a tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.



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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,

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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.