

SERVICE PROCEDURE

**16505
JULY, 2016**

SUBJECT: SAFETY RECALL

Roof Hatch Reflective Tape on certain CE and RE school bus models built 15 June 2015 thru 20 May 2016 with feature codes 048SYT, 048UCP, 048UDY, 048UJN, 048USA, 048UYU (roof hatch front) and / or feature codes 048SYU, 048UCR, 048UDZ, 048UJP, 048USB, 048UYV (roof hatch rear).

DEFECT DESCRIPTION

Certain school buses may not conform to Federal Motor Vehicle Safety Standard (FMVSS) 217: Each opening for a required emergency exit shall be outlined around its outside perimeter with a retroreflective tape. During low visibility situations, absence of this tape could hamper emergency personnel to identify and gain access to the emergency roof hatches, possibly increasing the passengers' risk of personal injury or death during an emergency.

MODELS INVOLVED

This safety recall involves certain CE and RE school bus models built 15 June 2015 thru 20 May 2016 with feature codes 048SYT, 048UCP, 048UDY, 048UJN, 048USA, 048UYU (roof hatch front) and / or feature codes 048SYU, 048UCR, 048UDZ, 048UJP, 048USB, 048UYV (roof hatch rear).

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International[®] Service PortalSM with Safety Recall 16505. Also complete any other open campaigns listed on the Service Portal at this time.

PARTS INFORMATION

Part Number	Part Description	Quantity
2212811C1	Striping, Reflective, 3M Fluorescent Diamond Grade 1 Inch WD YL	See Note Below
NOTE: Part number 2212811C1 contains 150 feet of striping. A single hatch requires approximately 11 feet to repair. Order quantities of 2212811C1 based on number of hatches that require repair: • To repair 1 to 13 hatches, order quantity = 1 • To repair 14 to 26 hatches, order quantity = 2 • To repair 27 to 39 hatches, order quantity = 3		

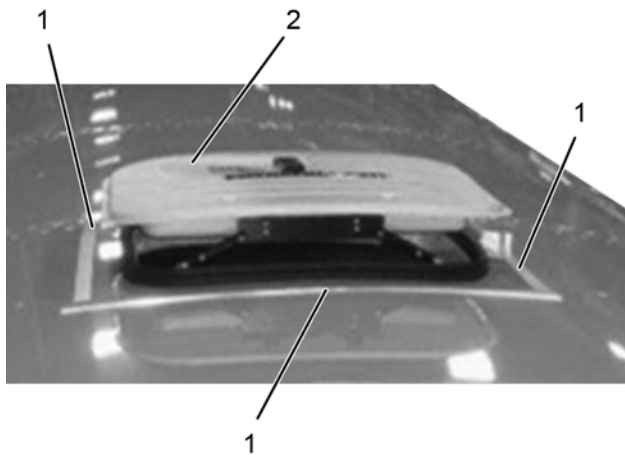
SERVICE PROCEDURE

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.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Install wheel chocks.



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Figure 1. Emergency Roof Hatch

- 1. Reflective tape (4) (1 Not Shown)
- 2. Hatch

- 4. Unlatch and open emergency roof hatch (Figure 1, Item 2).
- 5. Using a suitable step stool or ladder, gain access to vehicle roof through hatch.

NOTE: Measure the emergency roof hatch perimeter surface of the roof to determine the length of each strip of tape you will cut from the roll for Step 6.

- 6. Cut four lengths of tape (Figure 1, Item 1) that will cover emergency roof hatch perimeter surface of roof.

NOTE: Make sure that the emergency roof hatch perimeter surface to which the reflective tape will be applied is clean and free from any grease or foreign substance.

NOTE: When a rivet is reached (when applicable), the tape will need to be cut, so it will not go over a rivet.

- 7. Starting with first length of tape, remove film backing from first two inches of tape and attach end of tape to bus roof starting at the left front corner of the emergency roof hatch.
- 8. Continue removing film backing and smooth the tape into place starting at the attached end and moving to the other end.

9. Using a squeegee, run over reflective tape making sure all edges are affixed and free of air bubbles.
10. Repeat Steps 7 through 9 for remaining three lengths of reflective tape until emergency roof hatch has been outlined around its outside perimeter with reflective tape.
11. Close and latch emergency roof hatch.
12. If necessary, repeat Steps 4 through 11 for any additional emergency roof hatch the bus you are working on may have.
13. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-16505-1	Install Reflective Tape (One Hatch Only)	0.3 hr
A40-16505-2	Install Reflective Tape (Each Additional Hatch)	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.

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 16505.

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.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number

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

0000047910

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.

NAVISTAR, INC.