

SERVICE PROCEDURE

25509
December 2025

SUBJECT: SAFETY RECALL

Brake systems on certain International® MV™ Series trucks built 10/25/2017 thru 6/24/2024, IC Bus™ CE Series buses built 9/28/2017 thru 12/14/2023, IC Bus™ TC Series buses built 5/24/2018 thru 2/15/2024, International® 1300 Series trucks built 11/29/2017 thru 6/14/2023, International® 4300 Series trucks built 8/16/2017 thru 1/9/2019, manufactured without a silicone block harness, with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydro-Max brake booster).

CUSTOMER LETTER

Print ready (PDF file) copy of the International [Customer Letter](#)

Print ready (PDF file) copy of the IC Bus [Customer Letter](#)

DEFECT DESCRIPTION

These vehicles may have been built with a brake pressure switch assembly that allows brake fluid to leak beyond the diaphragm seal into the pressure switch. The brake fluid may seep into the switch's electrical components and short the brake pressure switch.

If brake fluid shorts the brake pressure switch and the associated fuse, the circuit can generate excessive heat that can result in a fire increasing the risk of property damage or personal injury to the operator.

MODELS INVOLVED

This safety recall involves certain vehicles remedied under Safety Recall 23V-397 (International 23517), International® MV™ Series trucks built 10/25/2017 thru 6/24/2024, IC Bus™ CE Series buses built 9/28/2017 thru 12/14/2023, IC Bus™ TC Series buses built 5/24/2018 thru 2/15/2024, International® 1300 Series trucks built 11/29/2017 thru 6/14/2023, International® 4300 Series trucks built 8/16/2017 thru 1/9/2019, manufactured without a silicone block harness, with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydro-max brake booster).

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall 25509. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED

No special tools required.

PARTS INFORMATION

Part Number	Part Description	Quantity
8900389R91	Brake Switch Jumper Harnesses	1
306132C1	Strap, Cable, 14-inch	As Needed

Table 1 Parts Information

SERVICE PROCEDURE

WARNING! To prevent personal injury and / or death, or damage to property, 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 either direction.

WARNING! To prevent personal injury and / or death, or damage to property, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

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

WARNING! To prevent personal injury and / or death, or damage to property, allow engine / vehicle components to cool before servicing engine or vehicle.

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

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

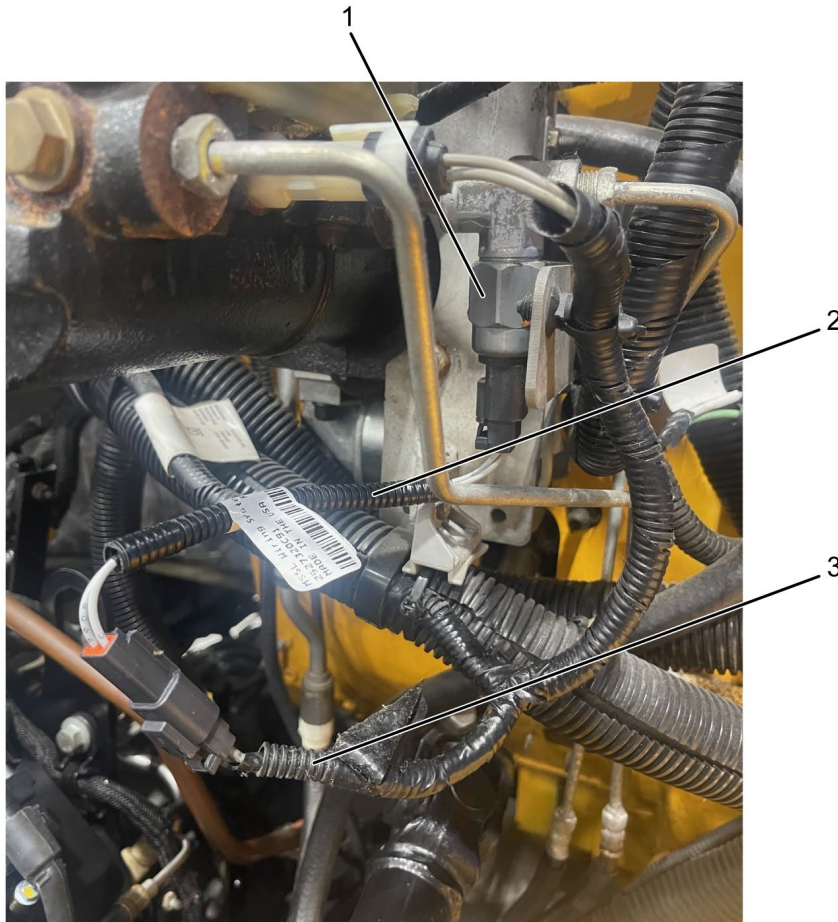
1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Unlatch and open hood.



0000479283

Figure 1. Brake Pressure Switch Connector Location

1. Brake pressure switch connector
 2. Brake pressure switch
6. Locate and disconnect the brake pressure switch connector (Figure 1, Item 1) from brake pressure switch (Figure 1, Item 2) located near vehicle master cylinder.



0000492004

Figure 2. Hydraulic Brake Pressure Switch Extension Harness

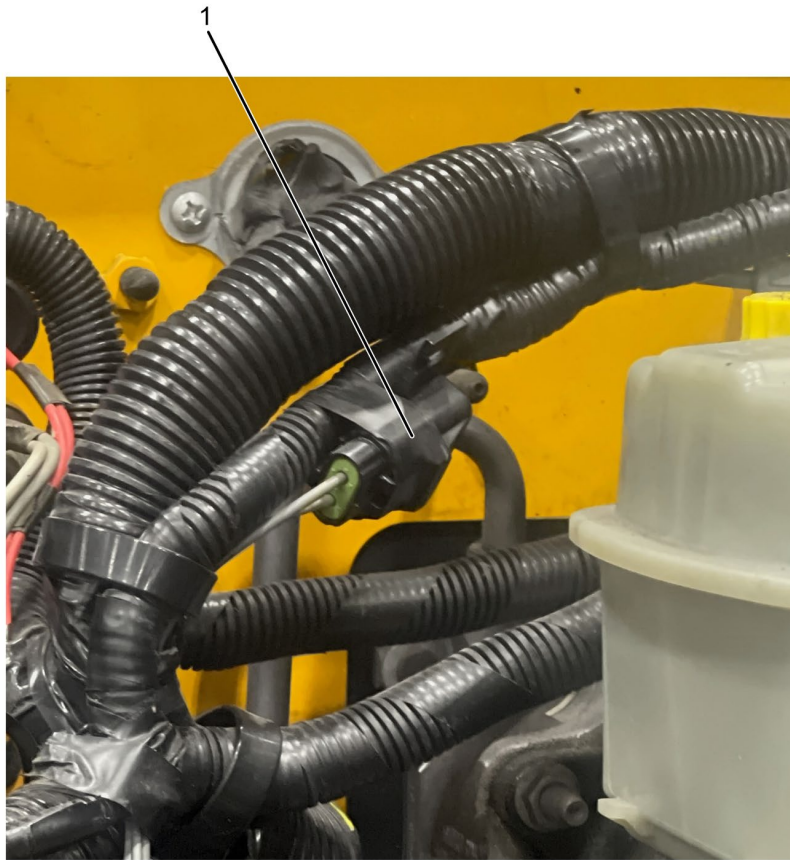
1. Brake pressure switch
2. Extension harness
3. Brake harness

7. Install extension harness (Figure 2, Item 2) to brake pressure switch (Figure 2, Item 1) and brake harness (Figure 2, Item 3). Using cable tie straps, secure extension harness to main harness.

VEHICLE RECALL 25509

© 2025 International Motors, LLC*. All rights reserved.
All marks are trademarks of their respective owners.

*International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.



0000492005

Figure 3. 5 Amp Hydro-Max Pressure Fuse Location

1. 5 amp Hydro-Max pressure fuse
8. Locate 5 amp Hydro-Max pressure fuse (Figure 3, Item 1) on the left-side of master cylinder.
9. Using proper cutting tool, cut the electrical tape.
10. Remove cap and fuse from electrical connector.

VEHICLE RECALL 25509

© 2025 International Motors, LLC*. All rights reserved.

All marks are trademarks of their respective owners.

*International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.



0000492006

Figure 4. 5 Amp Hydro-Max Pressure Fuse Harness Extension

- 1. 5 amp Hydro-Max pressure fuse connector
- 2. Extension harness

11. Install extension harness (Figure 4, Item 2) to 5 amp Hydro-Max pressure fuse connector (Figure 4, Item 1). Using cable tie strap, secure extension harness to main harness.
12. Close and latch hood.
13. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-25509-1	Install Extension Harnesses	0.3 hrs

Table 2 Labor Information

VEHICLE RECALL 25509

© 2025 International Motors, LLC*. All rights reserved.
All marks are trademarks of their respective owners.

*International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.

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.



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 25509.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

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, barrel of oil, or 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)						
<ul style="list-style-type: none"> 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						

000047910

VEHICLE RECALL 25509

© 2025 International Motors, LLC*. All rights reserved.
All marks are trademarks of their respective owners.

*International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.

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. Federal law prohibits a dealer from delivering under a sale or lease, a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification of a recall until the defect or noncompliance is remedied.

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.

International Motors, LLC*
International Motors, LLC d/b/a
***International Motors USA LLC in Illinois and Ohio.**