

SERVICE PROCEDURE

**26509
July 2026**

SUBJECT: SAFETY RECALL

**Brake timing in certain 2026 and 2027
International® HV™ Series trucks built 07/01/2025
thru 04/16/2026 with the following unique
configurations (feature codes):**

- **4 Channel ABS (0004AZA), Rear Axle 30/30 brake chamber (0004EXU), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 250 in (635 cm) or longer**
- **4 Channel ABS (0004AZA), Rear Axle 30/30 brake chamber (0004EYL), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 250 in (635 cm) or longer**
- **4 Channel ABS with Automatic Traction Control and Stability Control (0004AZS), Rear Axle 30/30 Brake Chamber (0004EXU), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 226 in (575 cm) or longer**

CUSTOMER LETTER

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

VEHICLE RECALL 26509

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DEFECT DESCRIPTION

Certain International® HV™ Series trucks with a walking beam with multi-leaf suspension and 4-channel ABS do not meet FMVSS-121 S5.3.4 brake release timing requirement. Each service brake system shall meet the requirements of S5.3.4.1 (a).

S5.3.4.1 (a) With an initial service brake chamber air pressure of 95 psi, the air pressure in each brake chamber shall, when measured from the first movement of the service brake control, fall to 5 psi in not more than 0.55 seconds.

Vehicles not meeting the FMVSS-121 release timing requirement may have a delay in air pressure released from the brake chambers. Brakes that release too slowly could affect braking performance and increase the risk of a crash without prior warning.

MODELS INVOLVED

This safety recall involves certain 2026 and 2027 International® HV™ Series trucks built 07/01/2025 thru 04/16/2026 with the following unique configurations (feature codes):

- 4 Channel ABS (0004AZA), Rear Axle 30/30 brake chamber (0004EXU), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 250 in (635 cm) or longer
- 4 Channel ABS (0004AZA), Rear Axle 30/30 brake chamber (0004EYL), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 250 in (635 cm) or longer
- 4 Channel ABS with Automatic Traction Control and Stability Control (0004AZS), Rear Axle 30/30 Brake Chamber (0004EXU), Walking Beam with Multi-leaf Spring Suspension 46K with 54 in axle spacing (0014UHK), without Trailer Connection 4-wheel (0004619) and Wheelbase of 226 in (575 cm) or longer

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall **26509**. Also complete any other open campaigns listed on the Service Portal at this time.

VEHICLE RECALL 26509

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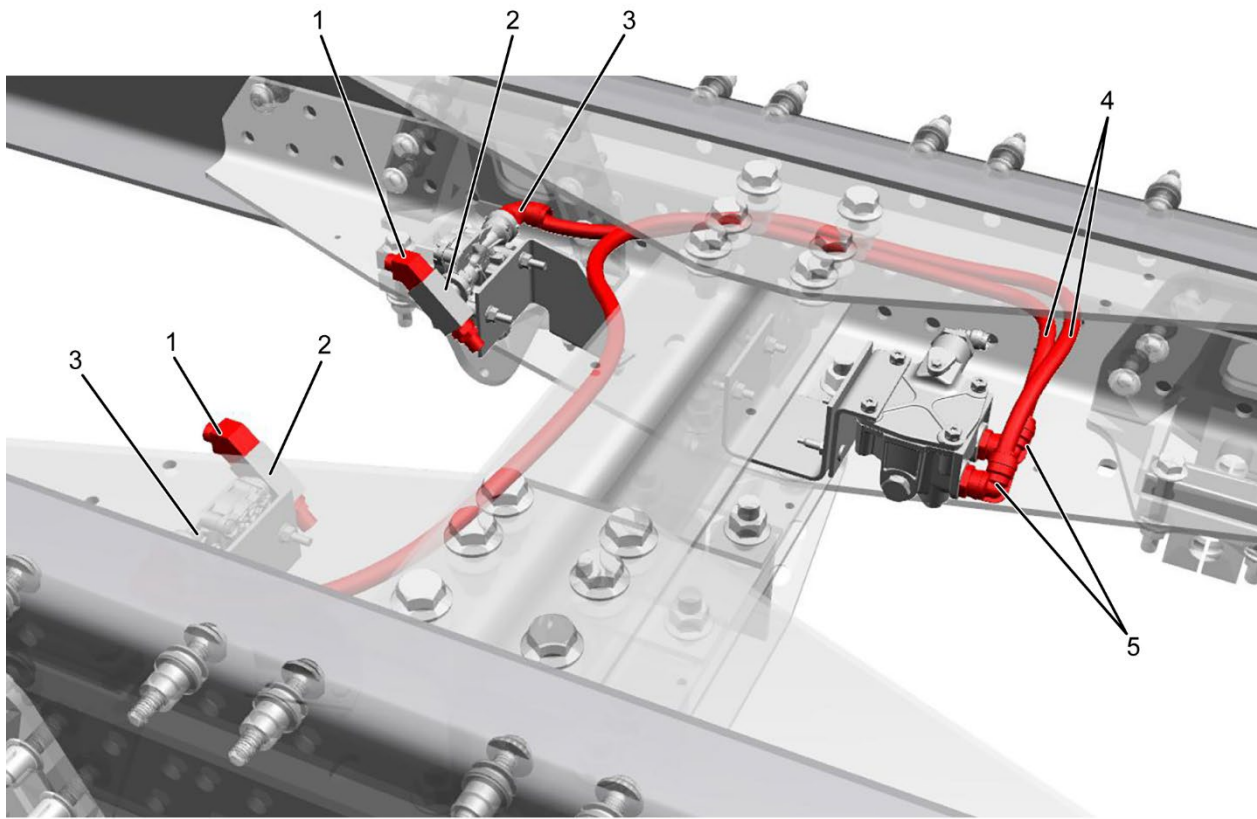
PARTS INFORMATION

Part Number	Part Description	With Feature Code	Quantity
417202C3	Tube Nylon 3/4-inch	0004AZA or 0004AZS	As Required
2017520C2	Elbow Push to Connect 90-Degree 3/4-inch PTC X 1/2-inch	0004AZA or 0004AZS	4
444058	Elbow, 45-Degree Street Elbow	0004AZA or 0004AZS	2
3548736C1	Valve, Quick Release, In-line	0004AZA or 0004AZS	2
443982	Nipple, 1/2-inch MPT X 1/2-inch MPT	0004AZA or 0004AZS	2
3572104C1	Adapter, 3/8-inch MPT X 1/2-inch MPT	0004AZA or 0004AZS	2
120322	Bushing Reducer 1/2-inch MPT to 3/8-inch FPT	0004AZA or 0004AZS	2

Table 1 Parts Information

SERVICE PROCEDURE

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.



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Figure 1. Fitting Locations

1. 45-degree fitting for rear rear brake chambers (2)
2. Tee fitting on modulator valve (2)
3. 90-degree fitting at modulator valves (2)
4. Air line from relay valve to modulator valve (2)
5. 90-degree fitting on relay valve (2)

5. Locate the relay valve mounted to the front of the crossmember between the tandem axles.

NOTE: Note orientation of fittings during removal for proper orientation during reassembly.

6. Starting on the driver-side, remove the 5/8-inch air line from the relay valve to the modulator valve (Figure 1, Item 4).
7. At the relay valve, remove the 5/8-inch 90-degree elbow and install the 3/4-inch 90-degree elbow. (Figure 1, Item 5).
8. At the modulator valve, remove the 5/8-inch 90-degree elbow and install the 3/4-inch 90-degree elbow. (Figure 1, Item 3).

VEHICLE RECALL 26509

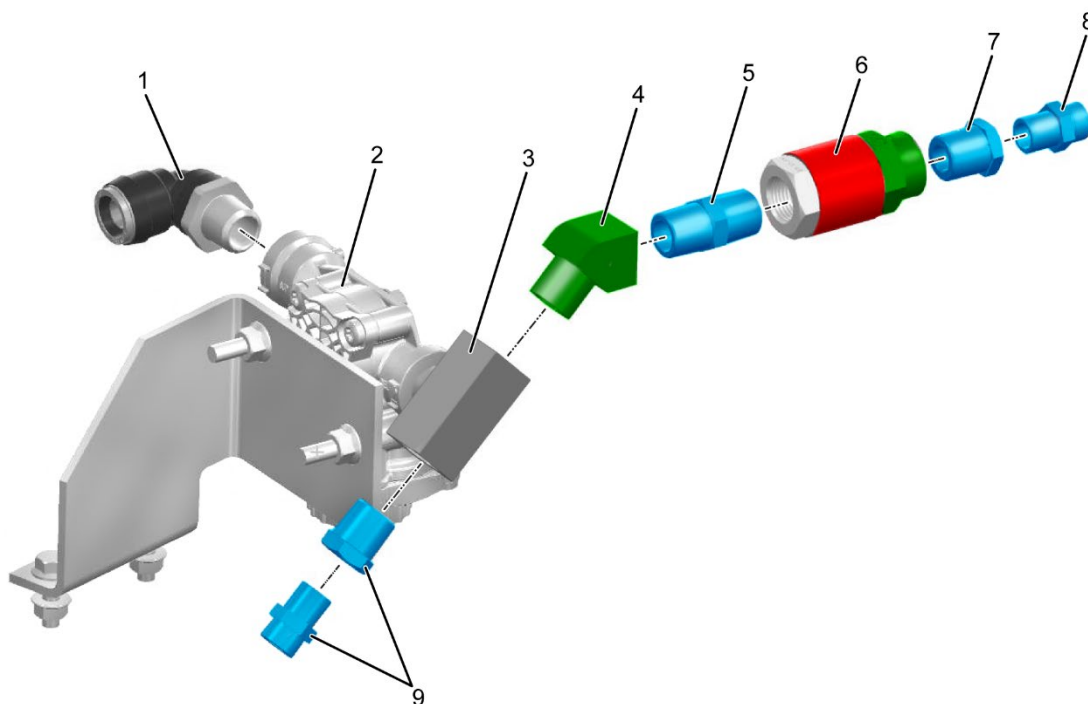
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NOTE: When cutting air lines, ensure cut is at a 90-degree angle. Air lines not cut at a 90-degree angle can cause an air leak.

9. Using the 5/8-inch air line that was removed as a template, cut a section of 3/4-inch air line to the same length.
10. Install air line into fittings that were replaced.
11. Repeat Steps 5 through 10 for the passenger-side of the vehicle.



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Figure 2. Modulator Valve with Quick Release Valve Installed

1. 90-degree elbow installed in Step 8 (2017520C1)
2. Modulator valve
3. Tee fitting
4. Elbow (444058)
5. Nipple (443982)
6. Quick release valve (3548736C1)
7. Reducer bushing (444034)
8. Adapter (3572104C1)
9. Fitting for forward rear axle (2 shown)

NOTE: Note orientation of fittings during removal for proper orientation during reassembly.

NOTE: Use a backup wrench on tee fitting to prevent movement or damage to tee fitting.

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12. Starting on the driver-side, remove the air hose going to the rear rear brake chamber from the 45-degree fitting at the modulator valve (Figure 2, Item 2).

NOTE: Fasten external thread into internal thread until tight, then tighten fitting 1.5–2 turns. Do not back out fitting for alignment.

13. Note the angle of the 45-degree fitting and using a backup wrench, remove the 45-degree fitting from the tee fitting (Figure 2, Item 3).
14. Using a backup wrench in the same orientation notated in Step 13, install and tighten new elbow (Figure 2, Item 4) into tee fitting (Figure 1, Item 3) on modulator valve (Figure 2, Item 2).
15. Install and tighten nipple (Figure 2, Item 5) into elbow (Figure 2, Item 4).
16. Install and tighten quick release valve (Figure 2, Item 6) into nipple (Figure 2, Item 5) with air pointing toward the rear rear brake chamber hose.
17. Install and tighten reducer bushing (Figure 2, Item 7) into the quick release valve (Figure 2, Item 6).
18. Install adapter (Figure 2, Item 8) in recently installed reducer bushing (Figure 2, Item 7).
19. Install and tighten air hose that was removed in Step 13 into the adapter (Figure 2, Item 8).
20. Repeat Steps 12 through 19 on passenger-side.
21. In the cab, release the parking brake and check for air leaks at hoses and fittings just installed. Repair any leaks if found.
22. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-26509-1	Install 3/4-inch Air Lines, Fittings, and Quick Release Valves	0.9 hrs

Table 2 Labor Information

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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 **26509**.

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)

- 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 ←

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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, 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.

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