

SERVICE PROCEDURE

25524
February, 2026

SUBJECT: SAFETY RECALL
Certain International® LT® Series trucks built 4/8/2022 thru 10/30/2025, International® RH™ Series trucks built 4/11/2022 thru 10/29/2025 with an International® S13® Engine (feature codes 0012BGT, 0012BGU, 0012GBV, 0012BGW, 0012BGX, 0012BHC), tractor air brakes (feature code 0004092) and without a Spring Brake Modulator Valve (feature code 0004WDT).

CUSTOMER LETTER

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

DEFECT DESCRIPTION

Under certain conditions, the auto neutral function of the transmission may not recognize the application of the park brake.

MODELS INVOLVED

This safety recall involves certain International® LT® Series trucks built 4/8/2022 thru 10/30/2025, International® RH™ Series trucks built 4/11/2022 thru 10/29/2025 with an International® S13® Engine (feature codes 0012BGT, 0012BGU, 0012GBV, 0012BGW, 0012BGX, 0012BHC), tractor air brakes (feature code 0004092) and without a Spring Brake Modulator Valve (feature code 0004WDT).

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall **25524**. Also complete any other open campaigns listed on the Service Portal at this time.

VEHICLE RECALL 25524

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PARTS INFORMATION

Part Number	Part Description	Quantity
7776525C1	VALVE, QUICK RELEASE, 5-8 PSI CRACK PRESSURE	1 for 4x2, 2 for 6x2 / 6x4
3561048C1	BOLT HEX FLG HD METRIC M8 X 30	Only if damaged
3544379C1	NUT HEX METRIC PREV TRQ M8 HEX FLANGE NUT	Only if damaged
2017497C2	TEE 3/8 PTC X 3/8 PTC X 1/4 MPT	Only if damaged
2017511C2	ELBOW 90 DEG, 1/4 MPT X 3/8 PTC	Only if damaged
444056	ELBOW 45 DEG 3/8 MPT X 3/8 FPT	Only if damaged
3572104C1	ADAPTER 3/8 MPT X 3/4-20-2A	Only if damaged

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, 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.

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.

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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. Drain the air tanks.

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Figure 1. QR-1C Valve Location

1. Forward-rear QR-1C
 2. Rear-rear QR-1C
6. Locate the quick release (QR-1C) valves in the rear section. The 4x2 only uses one valve and the 6x2 / 6x4 uses two valves, mounted to the suspension crossmembers (Figure 1, Items 1 and 2).

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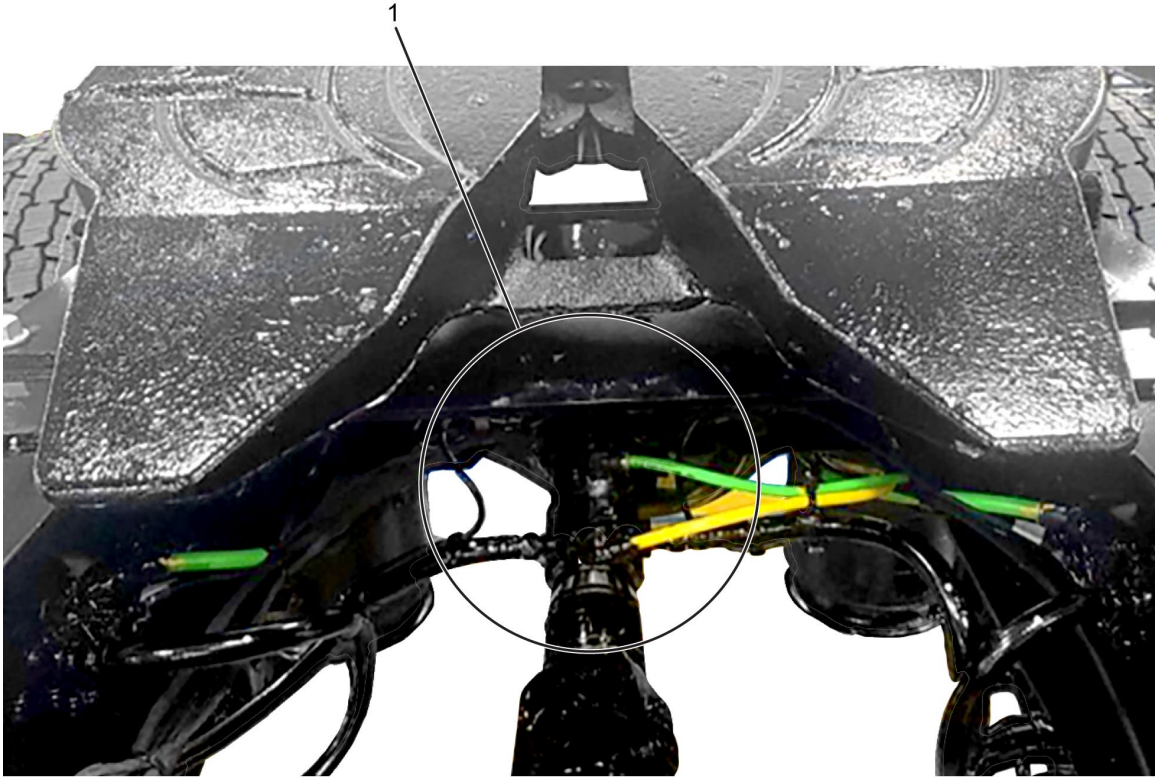
Figure 2. Forward-Rear QR-1C Valve
1. Forward-rear QR-1C valve assembly

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Figure 3. Rear-Rear QR-1C Valve

1. Rear-rear QR-1C valve assembly

7. Disconnect all the brake tubing and drop hosing from the valves to be replaced (Figure 2, Item 1 and Figure 3, Item 1).

8. Remove the old QR-1C valve and fittings. Removed fittings may be saved for reuse if no damage is present. If damage is present, replace the fittings.

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Figure 4. Loctite Sealant

9. If reusing the fittings, apply Loctite 567 or equivalent thread sealant to the male threads starting two threads from the end and continuing around the pipe for three threads (Figure 4).
10. Depending on the type of fittings used, reinstall the fittings onto the new QR-1C valve. Do not back off or loosen fittings during installation.
 - a. If straight fittings are used, go to Step 11.
 - b. If elbow or tee fittings are used, go to Step 12.

CAUTION! To prevent damage to property, power and / or pneumatically driven tools shall not be used for this assembly procedure. Number of revolutions is critical to obtaining a leak-free assembly.

11. Thread the fittings on until hand tight, then tighten them an additional 1.5 to 2 revolutions. Go to Step 13.
12. Thread the fittings on until hand tight, then tighten them an additional 1.5 to 2 revolutions, and if needed, turn the fitting up to a maximum of one half turn until the desired orientation is obtained.
13. Install the new QR-1C valve, tightening the bolts to 19.2 lb-in (26 N·m).
14. Before installation, inspect components to ensure that the male and female port threads and sealing surfaces are free of burs, nicks, and scratches or any foreign material.

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15. Begin installing the brake chamber hose fittings by screwing the swivel end of the hose onto the fitting, tightening to 25–35 lb-ft (33.9–47.5 N·m). Repeat this for each fitting.
16. Start the vehicle to fully charge the air tanks. Inspect for any leaks and repair if necessary.
17. Release the parking brake by pushing the yellow knob in the dash; check for leaks.
18. Set the parking brake by pulling the yellow knob; confirm that the parking brake light illuminates.
19. Close and latch hood.
20. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-25524-1	Remove and Install QR-1C and Fittings Single Axle	0.3 hrs
A40-25524-2	Remove and Install QR-1C and Fittings Tandem Axle	0.5 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.



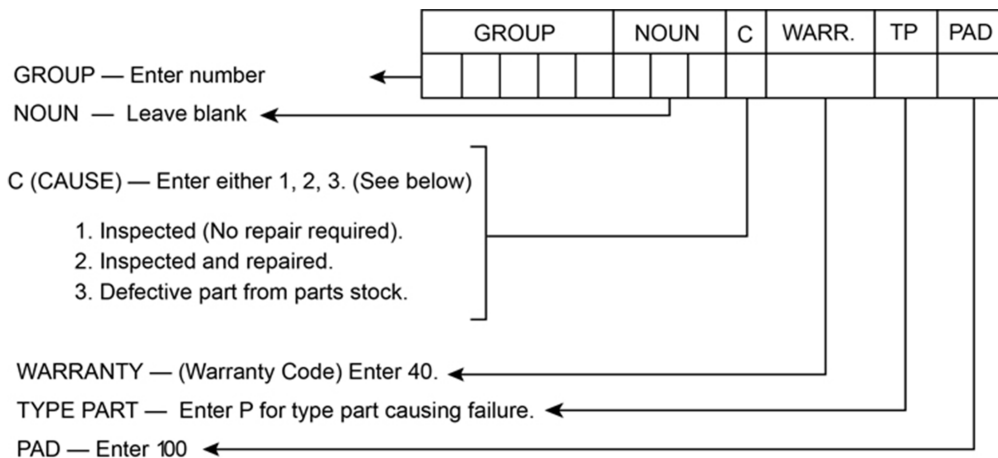
ADMINISTRATIVE / DEALER RESPONSIBILITIES

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 25524.

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.



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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. 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.

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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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