

SERVICE PROCEDURE

ON ISIS

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Compliance Dept

23508

November, 2023

SUBJECT: SAFETY RECALL

Intellipark Tractor Park Valve Module (PVM) on certain 2023 International® HV™, HX®, LoneStar®, LT®, and RH™ Series trucks built 05/18/2022 thru 08/08/2023 with feature code 04GBN – (Parking Brake Bendix Intellipark) for Tractor or Truck with Trailer Applications

CUSTOMER LETTER

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

DEFECT DESCRIPTION

The Intellipark Tractor Park Valve Module (PVM) may intermittently become stuck in the un-parked position and not set the park brake when the park brake switch is pulled on the vehicle dashboard. If a driver detects the Intellipark PVM malfunction indications and does not properly fan down the service brakes, the vehicle may unintentionally move, which increases the likelihood of a crash that may result in property damage or personal injury.

MODELS INVOLVED

This Safety Recall involves certain 2023 International® HV™, HX®, LoneStar®, LT®, and RH™ Series trucks built 05/18/2022 thru 08/08/2023 with feature code 04GBN – (Parking Brake Bendix Intellipark) for Tractor or Truck with Trailer Applications.

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall 23508. Complete any other open campaigns listed on the Service Portal at this time.

VEHICLE RECALL 23508

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PARTS INFORMATION

Part Number	Part Description	Quantity
4286952C3	Valve, Brake control, Intellipark PVM Tractor	1

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.

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.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition key to OFF position.
4. Install wheel chocks.
5. Remove driver-side front cab skirt, if equipped.
6. Drain air tanks.



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Figure 1. LT Park Valve Module Location

1. Module
2. Horn

NOTE: The LT and HX Series park valve module is located on the cab floor under the driver-side door. The HV Series park valve module is located under the center of the cab.

7. If necessary, reposition air horn (Figure 1, Item 2).
8. Access park valve module (Figure 1, Item 1).

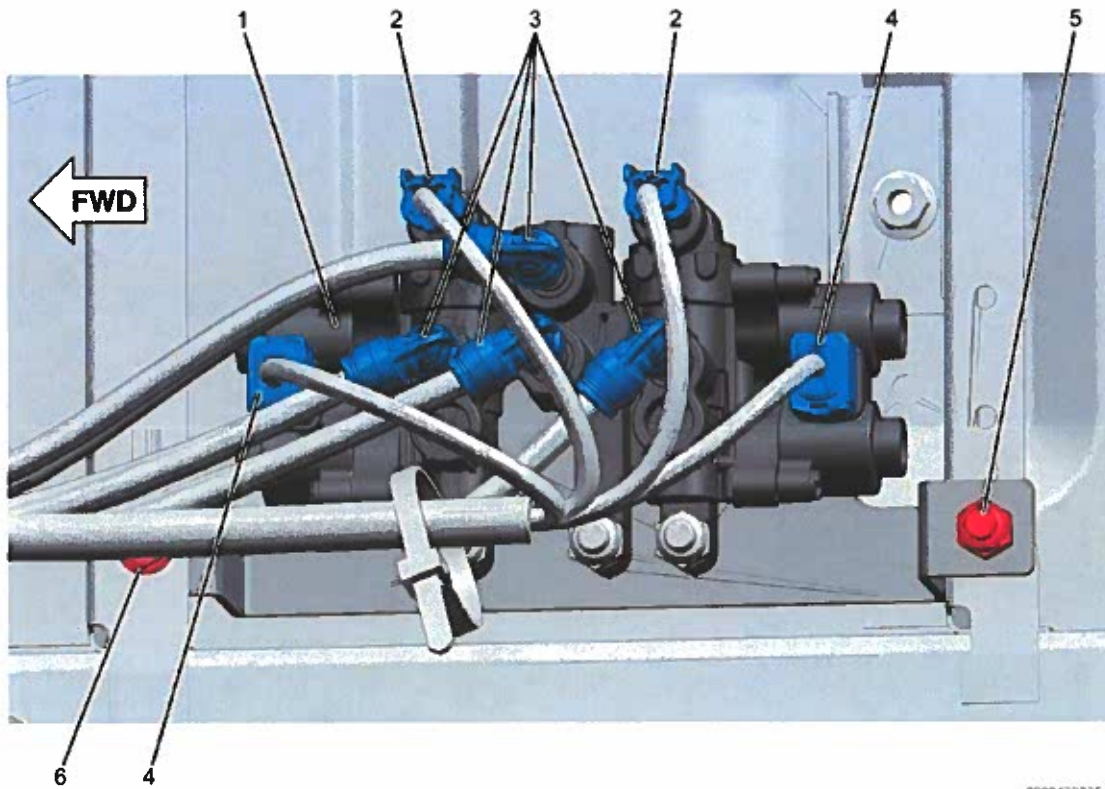


Figure 2. Park Valve Module and LT, LoneStar and RH Mounting Bracket

1. Module
2. Solenoid connector (2)
3. Air line (4)
4. Electrical sensor connector (2)
5. Mounting bracket rear fastener
6. Mounting bracket front fastener

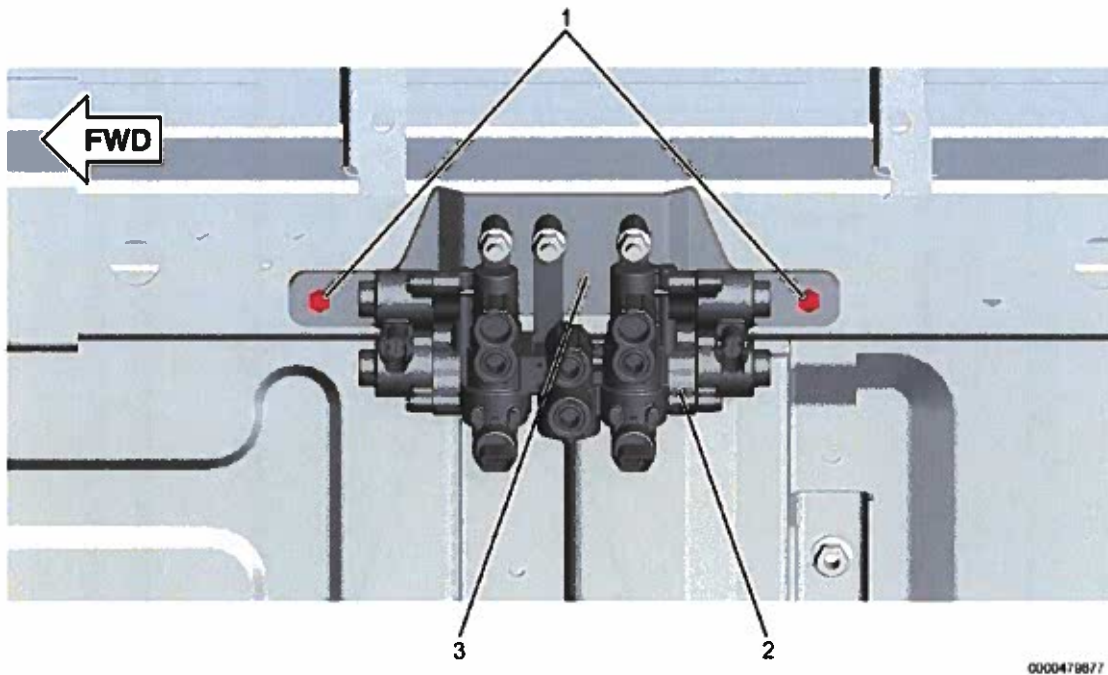


Figure 3. HX Park Valve Module and Mounting Bracket

1. Mounting bracket fastener (2)
2. Module
3. Mounting bracket

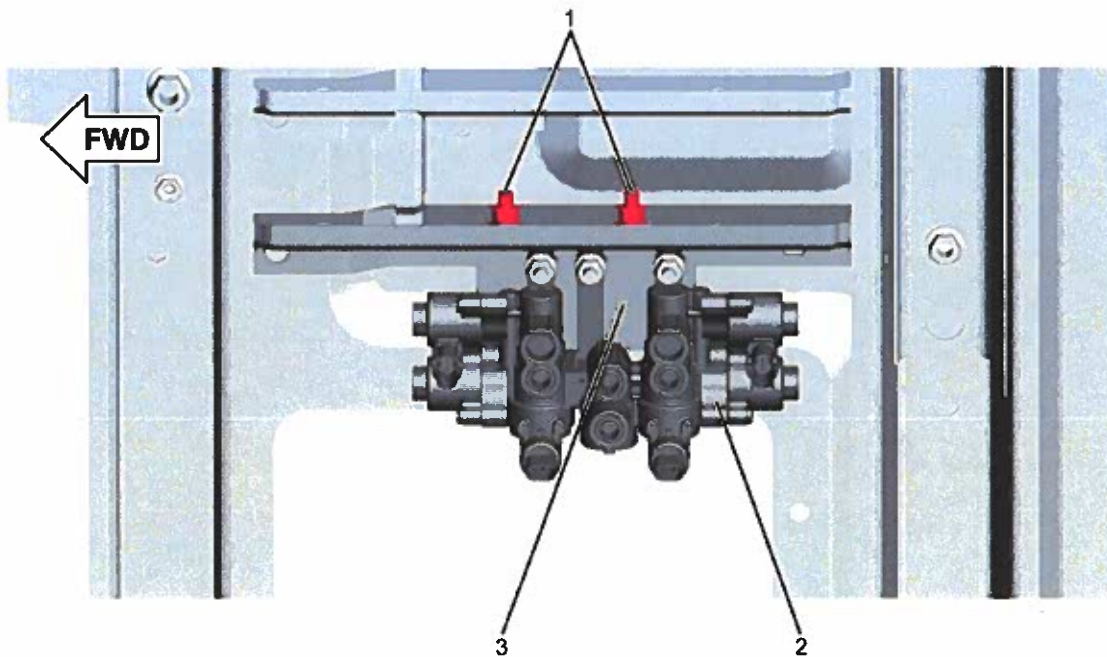


Figure 4. HV Heavy Duty Park Valve Module and Mounting Bracket

1. Mounting bracket fastener (2)
2. Module
3. Mounting bracket

NOTE: Some components removed from graphics for clarity.

9. Record air line, electrical, and solenoid connection locations on module (Figure 2, Item 1) for reinstallation.
10. Disconnect four vehicle air lines (Figure 2, Item 3) from module air line stubs.
11. Disconnect two electrical sensor connectors (Figure 2, Item 4).
12. Disconnect two solenoid connectors (Figure 2, Item 2).

NOTE: The LT PVM mounting bracket includes a welded stud in the front fastener location. The rear mounting bracket location is attached with a bolt and flanged nut.

NOTE: The LT PVM assembly can be removed by tilting the rear of the mounting bracket downward while pushing the front upward.

13. Remove PVM module assembly from vehicle:

- a) LT Series: Remove the mounting bracket front fastener (Figure 2, Item 6) from the air line support bracket(s) and cab floor crossmember. Save for reuse.
- b) LT Series: Remove the mounting bracket rear fastener (Figure 2, Item 5) from the air line support bracket(s) and cab floor crossmember. Save for reuse.
- c) HX and HV Series: Remove mounting bracket fasteners (Figures 3 & 4, Item 1) from air line support bracket(s) and cab floor crossmembers. Save for reuse.

14. Place assembly on work bench.

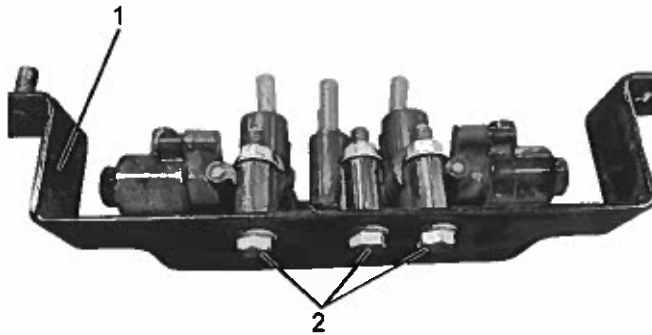


Figure 5. LT PVM Mounting Bracket

1. Mounting bracket
2. Fastener assembly (3)

15. Transfer color-coded air line stubs to their color-coded ports on new module.

16. Remove three fastener assemblies (Figure 5, Item 2) from mounting bracket (Figure 5, Item 1). Save fasteners for reuse.

17. Remove module from mounting bracket (Figure 5, Item 1).

18. Position new module to mounting bracket (Figure 5, Item 1).

19. Install three fastener assemblies (Figure 5, Item 2) to secure module to mounting bracket (Figure 5, Item 1).

20. Using a backup wrench and torque wrench, tighten fasteners to 13–17 lb-ft (18–23 N·m).

NOTE: The LT PVM assembly can be installed by positioning the front mounting bracket (with welded stud) through hole on top of cab floor crossmember while tilting the rear of the mounting bracket downward and positioning mounting bracket hole over the bottom of the floor crossmember.

21. Position and align PVM module assembly into vehicle:

a) LT Series: Align and position air line support brackets onto welded stud of mounting bracket. Install mounting bracket front fastener (Figure 2, Item 6) securing air line support brackets and PVM mounting bracket to cab floor crossmember.

b) LT Series: Align and position PVM mounting bracket over bottom channel of cab floor crossmember channel.

c) LT Series: Install previously removed bolt through top of cab floor crossmember channel into rear location of PVM mounting bracket and air line support brackets. Loosely install nut to mounting bracket rear fastener (Figure 2, Item 5).

d) LT Series: Using torque wrench and backup wrench, tighten mounting bracket front and rear fasteners to 19–21 lb-ft (26–28 N·m).

e) HX and HV Series: Position PVM mounting bracket to cab floor and loosely install previously removed fasteners (Figures 3 & 4, Item 3). Using torque wrench and backup wrench, tighten mounting bracket front and rear fasteners to 19–21 lb-ft (26–28 N·m).

22. Using previously recorded locations, connect the two solenoid connectors (Figure 2, Item 2) to PVM (Figure 2, Item 1).

23. Using previously recorded locations, connect two electrical sensor connectors (Figure 2, Item 4) to PVM.

24. Using previously recorded locations, connect four vehicle air lines (Figure 2, Item 3) to the stub air lines on module (Figure 2, Item 1).

25. If necessary, position and install air horn.

26. Start vehicle and allow air tanks to fill to full system pressure.

27. Turn ignition to OFF position.

28. Inspect for leaks. Repair if necessary.

29. Install driver-side front cab skirt, if equipped, and tighten bolts to 35 lb-ft (47 N·m).

30. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

NOTE: Tag and save removed module necessary for your dealer to follow RMA parts return information through the claim processing portal under reports.

Operation Number	Description	Time
A40-23508-1	Replace Intellipark Park Valve Module	0.8 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.



A rectangular label with a black border and a white background. The text is as follows:

DO NOT REMOVE

INTERNATIONAL

Campaign No. _____

VIN _____

Eng.# _____

COMPLETED

Service Location Code # _____

DO NOT REMOVE

ADMINISTRATIVE / DEALER RESPONSIBILITIES

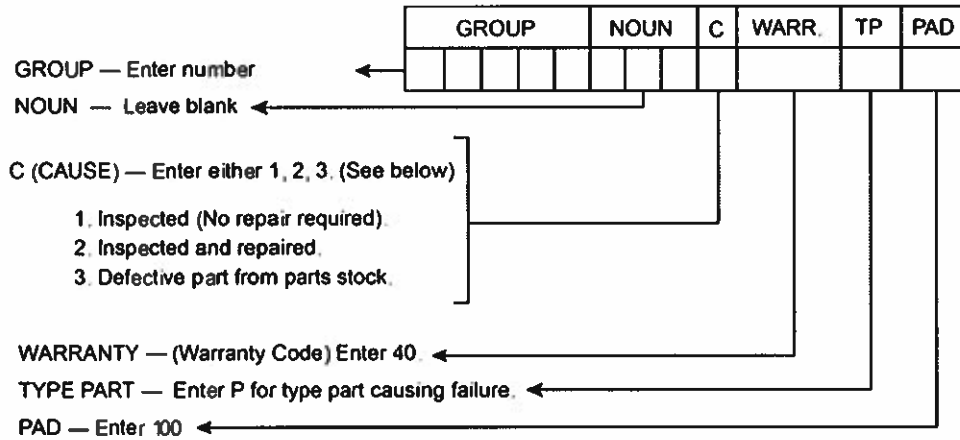
NOTE: Tag and save removed module necessary for your dealer to follow RMA parts return information through the claim processing portal under reports.

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 23508.

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.



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

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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.

NAVISTAR, INC.

VEHICLE RECALL 23508

