

# ***SERVICE PROCEDURE***

25525  
January 2026

## **SUBJECT: SAFETY RECALL**

**Bendix® 6 Channel Antilock Brake System (ABS), or Bendix Antilock Brake System (ABS) with Automatic Traction Control (ATC) or Bendix Antilock Brake System (ABS) with Electronic Stability Program (ESP) on certain 7600 Series trucks built 11/20/2015 thru 2/9/2016, 8600 Series trucks built 1/26/2016 thru 4/20/2017, HV™ Series trucks built 1/29/2024 thru 4/4/2025, HX® Series trucks built 12/3/2020 thru 4/5/2025, LoneStar® Series trucks built 3/13/2015 thru 6/13/2022, LT® Series trucks built 1/13/2017 thru 11/7/2022, MV™ Series trucks built 10/10/2018 thru 4/2/2025, RH™ Series trucks built 5/26/2021 thru 5/26/2022 with Bendix 6 Channel Antilock Brake System (ABS), or Bendix Antilock Brake System (ABS) with Automatic Traction Control (ATC) or Bendix Antilock Brake System (ABS) with Electronic Stability Program (ESP)(feature codes 0004AZS or 0004AZY or 004AZJ or 0004AZU or 0004AZV) and with trailer connections (feature code 0004619) or tractor air brakes (feature code 0004092).**

## **CUSTOMER LETTER**

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

## **DEFECT DESCRIPTION**

Towing variants of the Bendix electronic brake controller's (EC80) Power Line Communication (PLC) functionality may incorrectly process certain signals. The EC80 may set a fault or stop operating or malfunction.

Safety systems that depend on the ECU such as ATC, ABS, ESP, Active Cruise Control (ACC), and Collision Mitigation Systems (CMS) may have diminished or lost functionality increasing the risk of a crash.

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## **MODELS INVOLVED**

This safety recall involves certain 7600 Series trucks built 11/20/2015 thru 2/9/2016, 8600 Series trucks built 1/26/2016 thru 4/20/2017, HV™ Series trucks built 1/29/2024 thru 4/4/2025, HX® Series trucks built 12/3/2020 thru 4/5/2025, LoneStar® Series trucks built 3/13/2015 thru 6/13/2022, LT® Series trucks built 1/13/2017 thru 11/7/2022, MV™ Series trucks built 10/10/2018 thru 4/2/2025, RH™ Series trucks built 5/26/2021 thru 5/26/2022 with Bendix 6 Channel Antilock Brake System (ABS), or Bendix Antilock Brake System (ABS) with Automatic Traction Control (ATC) or Bendix Antilock Brake System (ABS) with Electronic Stability Program (ESP)(feature codes 0004AZS or 0004AZY or 004AZJ or 0004AZU or 0004AZV) and with trailer connections (feature code 0004619) or tractor air brakes (feature code 0004092).

## **ELIGIBILITY**

This procedure applies ONLY to vehicles marked in the International® Service Portal<sup>SM</sup> with Safety Recall 25525. Also complete any other open campaigns listed on the Service Portal at this time.

## **PARTS INFORMATION**

No parts required.

## **TOOLS INFORMATION**

**NOTE:** The EZ-Tech® you are using may have different versions of the reflash tool. To ensure you are installing the correct software into the unit, ensure you are using Bendix standalone software update utility ID 9363. The software ID can be found in the upper left side of the window.

**NOTE:** This campaign utilizes supplier documentation that is attached at the end of this document.

**NOTE:** There are two versions of the Bendix EC80 Update Tool, one for EZ-Tech and the other for diagnostic PCs. Use the appropriate link below to download the Bendix EC80 Update Tool to your device.

[\*\*EZ-Tech\*\*](#)

[\*\*Other Diagnostic PCs\*\*](#)

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Description	Tool Number
EZ-Tech or equivalent	N/A
Bendix EC80 Update Tool	Software ID 9363
NEXIQ USB-Link	N/A
Battery Charger 55 Amp	PSC550CC

**Table 1** Tools 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.

**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.

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4. Install wheel chocks.

**NOTE: Ensure vehicle batteries are fully and properly charged. If necessary, use a battery charger while programming.**

5. Access vehicle batteries and connect battery charger / maintainer to batteries.

6. Using NEXIQ USB-Link, connect EZ-Tech or equivalent to vehicle.

7. Using the attached supplier instruction at the end of this document, follow the Bendix instructions for EC80 Update.

8. Once program is successfully completed, turn ignition to Key OFF position.

**NOTE: Upon successful reflash, the Electronic Control Unit (ECU) software sends an automatic request to clear fault codes. It has been observed with International® S13® Integrated Powertrain that communication codes may remain active even after key cycle.**

9. Turn ignition to Key ON position and use appropriate software such as SDS or Insite to clear any fault codes that are present.

10. Turn ignition to Key OFF position.

11. Disconnect EZ-Tech or equivalent from vehicle.

12. Disconnect battery charger / maintainer from vehicle batteries.

13. Remove wheel chocks.

## **END OF SERVICE PROCEDURE**

### **LABOR INFORMATION**

<b>Operation Number</b>	<b>Description</b>	<b>Time</b>
A40-25525-1	Program ABS ECU	0.3 hr

**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.



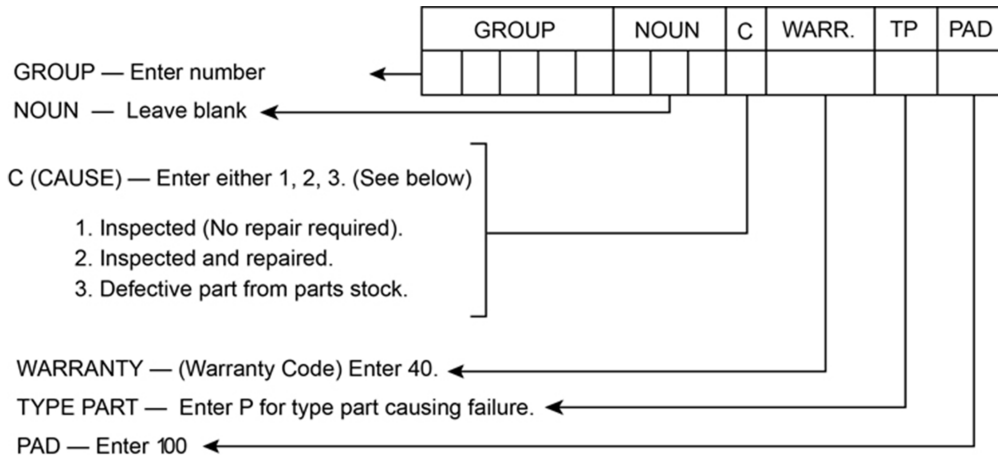
## ADMINISTRATIVE / DEALER RESPONSIBILITIES

### 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 25525.

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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