



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25E073

Manufacturer Name: Bendix Commercial Vehicle Systems, LLC

Submission Date: Nov 05, 2025

NHTSA Recall No.: 25E073

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: Bendix Commercial Vehicle
Systems, LLC

Address: 35500 Chester Rd
Avon OH, 44011

Total number of potentially involved: 2,345

Estimated percentage with defect: 100%

Equipment Information

Brand / Trade 1: BENDIX

Model: EC80 ECU

Part Number: K219877SC001

Type: Replacement

Function: ESP

Size:

Production Dates: Oct 14, 2025 - Oct 14, 2025

Number of potentially involved: 1

Descriptive Information:

Additional unit identified outside the scope of 24E086.

Brand / Trade 2: BENDIX

Model: EC80 ECU

Part Number: K219876SC001

Type: Replacement

Function: ESP

Size:

Production Dates: Nov 21, 2024 - Jan 14, 2025

Number of potentially involved: 2

Descriptive Information:

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Additional units identified outside the scope of 24E086.

Brand / Trade 3: BENDIX

Model: EC80 ECU

Part Number: K212565SC001

Type: Replacement

Function: ESP

Size:

Production Dates: Nov 19, 2024 - Oct 27, 2025

Number of potentially involved: 137

Descriptive Information:

Additional units identified outside the scope of 24E086.

Brand / Trade 4: BENDIX

Model: EC80 ECU

Part Number: K168425SC000

Type: Replacement

Function: ESP

Size:

Production Dates: Nov 06, 2024 - Apr 05, 2025

Number of potentially involved: 8

Descriptive Information:

Additional units identified outside the scope of 24E086.

Brand / Trade 5: BENDIX

Model: EC80 ECU

Part Number: K168424SC000

Type: Replacement

Function: ESP

Size:

Production Dates: Oct 22, 2024 - Jul 14, 2025

Number of potentially involved: 10

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Additional units identified outside the scope of 24E086.

Brand / Trade 6: BENDIX**Model:** EC80 ECU**Part Number:** K168128R000**Type:** Original**Function:** ATC**Size:****Production Dates:** Dec 05, 2024 - Jan 09, 2025**Number of potentially involved:** 540**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 7: BENDIX**Model:** EC80 ECU**Part Number:** K168122R000**Type:** Original**Function:** ATC**Size:****Production Dates:** Jan 09, 2025 - Jan 09, 2025**Number of potentially involved:** 14**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 8: BENDIX**Model:** EC80 ECU**Part Number:** K271501R000**Type:****Function:** ESP**Size:****Production Dates:** Sep 30, 2025 - Sep 30, 2025

Part 573 Safety Recall Report**25E073****Number of potentially involved:** 1**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 9: BENDIX**Model:** EC80 ECU**Part Number:** K271500R000**Type:** Original**Function:** ESP**Size:****Production Dates:** Jan 06, 2025 - Jan 06, 2025**Number of potentially involved:** 2**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 10: BENDIX**Model:** EC80 ECU**Part Number:** K168419SC000**Type:** Replacement**Function:** ATC**Size:****Production Dates:** Oct 06, 2022 - May 13, 2025**Number of potentially involved:** 223**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 11: BENDIX**Model:** EC80 ECU**Part Number:** K168421SC000**Type:** Replacement**Function:** ATC**Size:**

Part 573 Safety Recall Report**25E073****Production Dates:** Oct 31, 2022 - Jan 17, 2025**Number of potentially involved:** 94**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 12: BENDIX**Model:** EC80 ECU**Part Number:** K168422SC000**Type:****Function:** ATC**Size:****Production Dates:** Oct 26, 2022 - Jan 31, 2025**Number of potentially involved:** 149**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 13: BENDIX**Model:** EC80 ECU**Part Number:** K168423SC000**Type:** Replacement**Function:** ATC**Size:****Production Dates:** Nov 01, 2022 - Jan 24, 2025**Number of potentially involved:** 40**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 14: BENDIX**Model:** EC80 ECU**Part Number:** K209617SC000**Type:** Replacement**Function:** ESP

Part 573 Safety Recall Report**25E073****Size:****Production Dates:** Nov 22, 2024 - Oct 27, 2025**Number of potentially involved:** 594**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 15: BENDIX**Model:** EC80 ECU**Part Number:** K209615SC000**Type:** Replacement**Function:** ESP**Size:****Production Dates:** Nov 25, 2024 - Oct 22, 2025**Number of potentially involved:** 174**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 16: BENDIX**Model:** EC80 ECU**Part Number:** K212562SC000**Type:** Replacement**Function:** ESP**Size:****Production Dates:** Nov 30, 2024 - Oct 27, 2025**Number of potentially involved:** 19**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Brand / Trade 17: BENDIX**Model:** EC80 ECU**Part Number:** K212563SC000**Type:** Replacement

Part 573 Safety Recall Report**25E073****Function:** ESP**Size:****Production Dates:** Nov 22, 2024 - Oct 23, 2025**Number of potentially involved:** 337**Descriptive Information:**

Additional units identified outside the scope of 24E086.

Defect / Noncompliance Description**Description of the defect or noncompliance:**

EC80 is an electronic control unit mounted on a towing vehicle. It is a component of an antilock braking system. Power Line Carrier (PLC) is a trailer to tractor communication system that sends a signal on the electrical connection between the tractor and trailer. PLC purpose is to control the cab mounted trailer-ABS indicator lamp in the towing vehicle.

In the presence of high electrical interference (i.e. noise) on the vehicle power line and low PLC signal strength, the EC80 PLC functionality may incorrectly process certain signals. The EC80 may set a fault or stop operating or malfunction.

The combination of high electrical interference and low PLC signal strength is more likely on vehicles that tow more than one trailer than vehicles that tow only one trailer.

The PLC signal strength may be substantially reduced when other optional devices are connected to the power line. These optional devices include trailer-based tracking systems.

Vehicles with low noise levels and high signal strength may never exhibit the vehicle effects. This is an expansion of equipment recall 24E086.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

The ABS, Automatic Traction Control (ATC), or Electronic Stability Control (ESC) may set an ABS fault or may stop operating. Other functions which strongly interact with ABS such as Active Cruise Control (ACC) and Collision Mitigation System (CMS) may also fault. In extremely rare situations before the system faults or stops operating, if there is a stability event or an automated braking request, the system may respond incorrectly to the event. This can increase the likelihood of a crash

Description of the cause:**Identification of any warning that can occur:**

The ABS warning lamp will be illuminated when an ABS fault is detected or when the ABS stops operating.

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Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Bendix Commercial Vehicle Systems

Address: 35500 Chester Road
Avon 44011

Country:

Involved Components

Component Name 1: Bendix EC80 Software

Component Description: PLC Function

Component Part Number: N/A

Purchaser Information

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name: PACCAR

Address: 10630 NE 38th Place
Kirkland WA, 98033

Country: United States

Name: International Motors

Address: 2701 International Drive
Lisle IL, 60532

Country: United States

Chronology

Following a review in late October 2025, Bendix identified certain ECU part numbers that were believed to be obsolete that were still active in Bendix internal systems. Bendix performed a query which identified approximately 2,300 parts with the same or substantially similar software to the ECUs that are the subject of NHTSA Recall 24E-086 had inadvertently been sold as aftermarket equipment. On October 31, 2025, Bendix decided to conduct a safety recall to address these additional units.

Part 573 Safety Recall Report**25E073****Related NHTSA Recall Number:** Expansion of 24E086**Description of Remedy****Remedy Type:** Software**Consumer Advisories:** Do Not Drive Park Outside**Description of remedy program:**

Bendix will offer a remedy to customers at no cost. The remedy will include reprogramming the EC80 ECU with software that does not include the defect. The reprogramming process will be coordinated with the vehicle manufacturer dealer networks. Vehicle manufacturers will report on completion of the recall.

How remedy component differs from recalled component:

The remedy software does not contain the defective PLC functionality. A unique software ID number(s) has been assigned to remedy versions of the software.

Identify how/when recall condition was corrected in production:

Production and customer orders for EC80 electronic control units with defective software were converted to variants with remedy software on October 27, 2025. Controls put in place at production station to prevent programming with pre-remedy software.

Reimbursement Plan**Description of reimbursement program:****Period of reimbursement:****Costs to be reimbursed:****Address for reimbursement claims:****Recall Schedule****Description of recall schedule:**

Notifications to vehicle manufacturers will be made on or before 12/05/2025 by email and USPS or similar delivery.

Planned Dealer Notification Date: Dec 01, 2025 - Dec 05, 2025 No Dealers

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Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Dec 08, 2025 - Dec 12, 2025

Phased Recall