

# 14-034: Bogie Crossmember Replacement

4/13/2026

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14-034

Bogie Crossmember Replacement

## Subject

Bogie Crossmember Replacement

## Whats New Abstract

### Fix As Fail

Chassis equipped with bogie crossmembers A24-6423-002 or A24-6423-003 may exhibit cracks in the crossmember gusset under high load. Due to the rework involved with removing and replacing a one-piece crossmember, it is recommended that a five-piece bogie crossmember is used instead.

## Revision

**04/13/2026:** Procedures have been updated to correct fastener torque values.

## Condition

Bogie crossmembers A24-6423-002 and A24-6423-003 may exhibit cracks in the gusset under high load. Primarily but not exclusive to tanker applications. Due to the rework involved with removing and replacing a one-piece crossmember, it is recommended that a five-piece bogie crossmember is used instead.

## Chassis Affected

All chassis equipped with a cast one-piece bogie crossmember PN: A24-6423-002 OR A24-6423-003.

## Action

### Fix as Fail

If a customer comes into your dealership and demonstrates the condition above, follow the procedures to replace a one-piece crossmember with a five-piece bogie crossmember.

## Warranty

Starting from **08/09/2024**, through Standard Warranty or any applicable active Extended Warranty, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- **5.0 hours** labor to remove and install bogie crossmember with standard fasteners. Select Recommended Repair Code **14034**.

- Submit a photo of the damaged crossmember’s part number with the claim.
- Enter the part number of the damaged crossmember in the claim.
- File an additional claim for extraordinary circumstances. A recommended repair for standard labor must be filed first.
- File the claim within 14 days in accordance with the Warranty Policy.
- Cross division repairs are not allowed for this campaign.

**Take off parts disposition:** Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code:	14-034	Campaign Type	Field Repair
Claim Category:	Truck	Repair Type	Fix as Fail
Customer Concern Code	007 - Broken/Chipped/Cracked	Causal Code	14 - Cracked
Corrective Action Code	03 - Replace with New	Responsibility Code:	CampSupp
Failure Location	014-001-006 Rear Suspension Crossmember	Causal Part	A24-6423-002
Supplier Code	04088CA	SRT Code	<b>B23-34B</b> 5.0 hrs Replace bogie crossmember

## Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description	Stock Location
1	A24-6013	CROSSMEMBER-SUSPENSION BOGIE	PDC
2	A47-6000	GUSSET-BOGIE CROSSMEMBER	PDC
2	A47-6001	GUSSET-BOGIE CROSSMEMBER	PDC
36	W20-1028-016	NUT HEX LOCKING M16 MAGNI	PDC
16	W34-1160-050	BOLT-FINISHED HEX, M16, 50mm	PDC
72	W34-1162-016	WASHER HARD M16 MAGNI	PDC
12	W34-1160-080	BOLT-FINISHED HEX, M16, 80mm	DSP
4	W34-1160-140	BOLT-FINISHED HEX, M16, 140mm	DSP
2	W34-1160-190	BOLT-FINISHED HEX, M16, 190mm	DSP
2	W34-1160-210	BOLT-FINISHED HEX, M16, 210mm	DSP
1	N/A	15oz. Spray can of black paint for frame	Locally sourced

## Background

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Due to the rework involved with removing and replacing a one-piece crossmember, it is recommended

that a five-piece bogie crossmember is used instead.

## Procedure

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### **WARNING!**

**Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, equipment damage, or property damage.**

Please see the Attachments section below for procedures for removing the one-piece bogie crossmember and replacing it with a five-piece bogie crossmember.

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Authored by: JK

## Attachments

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[14-034: Bogie Crossmember Replacement - Repair Procedure](#)

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4/13/2026

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14-034

Bogie Crossmember Replacement

## Subject

Bogie Crossmember Replacement

## Whats New Abstract

### Fix-As-Fail

Certain Peterbilt chassis equipped with bogie crossmembers A24-6423-002 or A24-6423-003 may exhibit cracks in the crossmember gusset under high load. Due to the rework involved with removing and replacing a one-piece crossmember, it is recommended that a five-piece bogie crossmember is used instead.

Fix-as-fail start date is **08/09/2024**.

## Revision

**04/13/2026:** Procedures have been updated to correct fastener torque values.

## Condition

Bogie crossmembers A24-6423-002 and A24-6423-003 may exhibit cracks in the gusset under high load. Primarily but not exclusive to tanker applications. Due to the rework involved with removing and replacing a one-piece crossmember, it is recommended that a five-piece bogie crossmember is used instead.

## Chassis Affected

Any Peterbilt Model 589, 579, 567, 548, 537, 536, 389, 367, 365, 348, 337, and 330 equipped with a cast one-piece bogie crossmember p/n: A24-6423-002 OR A24-6423-003.

## Action

### Fix-As-Fail

If a customer comes into your dealership and demonstrates the condition above, follow the procedures to replace a one-piece crossmember with a five-piece bogie crossmember.

## Warranty

Starting from **08/09/2024**, through Standard Warranty or any applicable active Extended Warranty, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- **3.4 hours** labor to remove and install bogie crossmember on flex air and low air suspension configurations. Select Recommended Repair Code **14034**.
- Submit a photo of the damaged crossmember's part number with the claim.
- Enter the part number of the damaged crossmember in the claim.
- File an additional claim for extraordinary circumstances. A recommended repair for standard labor must be filed first.
- File the claim within 14 days in accordance with the Warranty Policy.
- Cross-division repairs are not allowed for this campaign.

**Take off parts disposition:** Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
<b>Campaign Code</b>	14-034	<b>Campaign Type</b>	Field Repair
<b>Claim Category</b>	Truck	<b>Repair Type</b>	Fix-As-Fail
<b>Customer Concern Code</b>	007	<b>Causal Code</b>	14
<b>Corrective Action Code</b>	03	<b>Responsibility Code</b>	SUP
<b>Failure Location</b>	014-001-006	<b>Causal Part</b>	A24-6423-002
<b>Supplier Code</b>	04088CA	<b>SRT Code</b>	<b>B24-40A -</b> 3.4 hours – Five-piece bogie crossmember replacement on low air leaf or flex air suspension configurations.

## Parts

**Parts are available from PACCAR Parts.**

Both five-piece bogie crossmember assembly part numbers A24-6014-002 and A24-6014-003 contain the same parts, which are listed in the table below.

Individual parts listed in the tables below will need to be ordered to complete a five-piece bogie crossmember. Every vehicle will need the parts listed under "All Vehicles" in addition to the appropriate

parts required for its configuration.

### All Vehicles

Quantity	Part Number	Description
36-54	W34-1162-016	Washer Hard M16 Magni
16	W20-1028-016	Nut Hex Locking M16 Magni
16	W34-1160-050	Bolt-Finished Hex, M16
2	A47-6001	Gusset-Bogie Crossmember
2	A47-6000	Gusset-Bogie Crossmember
1	A24-6013	Crossmember-Suspension Bogie
20	MBTC-R16BL	Collar-Huck Bobtail 16mm Zn/Blk
4-12	MBT-DT16-35NP	Huck-Bobtail 16mm Pin (Frame to Crossmember)
0-8	MBT-DT16-40NP	Huck-Bobtail 16mm Pin (5th Wheel Frame to Crossmember)
1	n/a	15oz. Black Paint Spray Can

### Vehicles with Flex Air Configurations

Quantity	Part Number	Description
4	MBT-DT16-105NP	Huck-Bobtail, 16mm Pin
2	MBT-DT16-155NP	Huck-Bobtail, 16mm Pin
2	MBT-DT16-165NP	Huck-Bobtail, 16mm Pin

### Vehicles with Low Air Configurations

Quantity	Part Number	Description
4	W34-1160-060	Bolt-Finished Hex, M16
2	MBT-DT16-55NP	Huck-Bobtail, 16mm Pin
2	W34-1160-090	Bolt-Finished Hex, M16

### Procedure



#### **WARNING!**

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Please see the Attachments section below for procedures for removing the one-piece bogie

crossmember and replacing it with a five-piece bogie crossmember.

## Attachments

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