

T016 - PACCAR TX-12 MTM Rail Cap Screws

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Number

T016

Description

PACCAR TX-12 Mechatronic Transmission Module (MTM) loose rail cap screws

Subject

PACCAR TX-12 MTM Rail Cap Screws

Date

2/14/2024

Revision

05/20/2025: Warranty section updated to include 0.5 hours for test drive. Recommended Repair T016C has been updated from 6.4 hours to 6.9 hours. SRT codes updated in PRWS Claim Coding Table: B25-17A for 6.9 hours created to replace all other codes.

04/18/2025: Replaced TAIB 0994 with updated document. Loctite 262 removed from parts list as it is included in MTM O-ring Kit E74-1020.

04/08/2025: Warranty section updated: removed Recommended Repairs T016A and T016B. T016C labor hours updated to 6.4 hours. SRTs updated: 026-450 replaces B23-529 and B23-530. B23-531 has been removed. Parts section updated to modify verbiage for E74-1020 - removed wording "if needed."

02/17/2025: SRT code 026-501 for Transmission R&R updated from 4.9 hours to 3.4 hours. Recommended Repairs in warranty section updated to account for SRT code change.

11/27/2024: SRT code 026-501 for Transmission R&R updated from 5.2 hours to 4.9 hours. Recommended Repairs in warranty section updated to account for SRT code change.

Condition

PACCAR TX-12 may experience a transmission shift issue and transmission service lamp on due to MTM rail cylinder cap screws becoming loose, causing a

cylinder to leak air, and set a Rail B, Rail C, or Rail D related fault code.

Please see attached Eaton Cummins bulletin TAIB-0994 in the Links section of this bulletin for complete details.

Chassis Affected

PB – Any chassis with PACCAR TX-12 MTM serial number less than 12S22342145012. Refer to the MTM Serial Number Decoder in Eaton bulletin **TAIB-0994**.

Action

Fix-As-Fail

See attached Eaton Cummins bulletin **TAIB-0994** for troubleshooting, repair, and warranty information.

Warranty

Through Standard Warranty or any applicable active Extended Warranty, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

All repairs require the technician to:

1. Document Diagnostic Trouble Code (DTC)
 2. Attach photos of loose cap screw and O-ring.
 3. Document the loose cap screw position in repair order.
 4. Document the MTM serial number in repair order.
 5. Perform the service repair procedure **ONLY** if a rail cap screw is physically loose.
 6. Perform a test drive to verify the repair.
- **6.9 hours** labor for diagnostic time, inspect, documentation (photos, position, MTM S/N), perform rail cap screw service procedure with O-ring protruding, and perform test drive. Use Recommended Repair code **T016C**.
 - For extraordinary circumstances please select code **T016** from "Recommended Repairs", and then select the gear icon to edit Parts/Labor/Misc.
 - File the claim within 7 days in accordance with the warranty policy.

Peterbilt dealers may perform T016 repairs on Kenworth chassis, but Recommended Repair codes do not apply. For Kenworth chassis repairs, file a long-

form claim and use the claim codes below.

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code:	T016	Campaign Type:	Field Repair
Claim Category:	PACCAR Transmission	Repair Type:	Fix-As-Fail
Customer Concern Code:	062	Causal Code:	62
Corrective Action Code:	32	Responsibility Code:	Supplier
Failure Location:	026-015-105	Causal Part:	E74-1020
Supplier Code:	21888AB	SRT Code:	B25-17A 6.9 hours Inspect, Documentation (photos, position, MTM S/N), Perform Rail Cap Screw Service Procedure with O-Ring Protruding, and perform test drive.


Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	Source Locally 2	Parts Cleaner – Loctite SF 7063 (or equivalent)
1	E74-1020	MTM O-ring Kit

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

 WARNING
<p>Read, understand, and follow each statement regarding cap screw installation and torque specification requirements. Failure to install and torque cap screws to specification may result in major vehicle component damage, severe injury, or death.</p>

If a vehicle comes into your dealership with a Cummins Engine and Eaton Cummins Endurant Transmission reference 26-040.

Links

[Eaton TAIB 0994](#)

26-040 Eaton Cummins Endurant MTM Loose Rail Cap Screws

5/20/2025

[Edit](#) [Clone](#)

26-040

Eaton Cummins Endurant Mechatronic Transmission Module (MTM) Loose Rail Cap Screws

Subject

Eaton Cummins Endurant MTM Loose Rail Cap Screws

Whats New Abstract

Fix-As-Fail

Eaton Cummins Endurant HD may experience a transmission shift issue and transmission service lamp on due to Mechatronic Transmission Module (MTM) rail cylinder cap screws becoming loose, causing a cylinder to leak air, and set a Rail B, Rail C, or Rail D related fault code.

Please see attached Eaton Cummins bulletin **TAIB-0994** in the Links section of this bulletin for complete details.

Introduction

Eaton Cummins Endurant HD Mechatronic Transmission Module (MTM) rail cover cap screws may come loose, leak air, and result in a Rail B, Rail C, or Rail D fault.

Please see attached Eaton Cummins bulletin TAIB-0994 in Links section of this bulletin for complete details.

Revision

05/20/2025: Warranty section updated to include 0.5 hours for test drive. Recommended Repair 26040C has been updated from 6.4 hours to 6.9 hours. SRT codes updated in PRWS Claim Coding Table: B25-17A for 6.9 hours created to replace all other codes.

04/18/2025: Replaced TAIB 0994 with updated document. Loctite 262 removed from parts list as it is included in MTM O-ring Kit E74-1020.

04/08/2025: Warranty section updated: removed Recommended Repairs 26040A and 26040B. 26040C labor hours updated to 6.4 hours. SRTs updated: 026-450 replaces B23-529 and B23-530. B23-531 has been removed. Parts section updated to modify verbiage for E74-1020 - removed wording "if needed."

02/17/2025: SRT code 026-501 for Transmission R&R updated from 4.9 hours to 3.4 hours. Recommended Repairs in warranty section updated to account

for SRT code change.

11/27/2024: SRT code **026-501** for Transmission R&R updated from 5.2 hours to 4.9 hours. Recommended Repairs in warranty section updated to account for SRT code change.

Condition

Eaton Cummins Endurant HD may experience a transmission shift issue and transmission service lamp on due to MTM rail cylinder cap screws becoming loose, causing a cylinder to leak air, and set a Rail B, Rail C, or Rail D related fault code.

Please see attached Eaton Cummins bulletin **TAIB-0994** in the Links section of this bulletin for complete details.

Chassis Affected

Any chassis with Eaton Cummins Endurant HD serial number less than **12S22342145012**. Refer to the MTM Serial Number Decoder in Eaton bulletin **TAIB-0994**.

Action

Fix-As-Fail

See attached Eaton Cummins bulletin **TAIB-0994** for troubleshooting, repair, and warranty information.

Warranty

Through Standard Warranty or any applicable active Supplier Extended Warranty, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

All repairs require the technician to:

1. Document Diagnostic Trouble Code (DTC).
2. Attach photos of loose cap screw and O-ring.
3. Document the loose cap screw position in repair order and attach.
4. Document the MTM serial number in repair order and attach.
5. Perform the service repair procedure ONLY if a rail cap screw is physically loose.
6. Perform a test drive to verify the repair.

- **6.9 hours** labor for diagnostic time, inspect, documentation (photos, position, MTM S/N), perform rail cap screw service procedure with O-ring protruding, and perform test drive. Use Recommended Repair code **26040C**.
- For extraordinary circumstances please select code **26040** from "Recommended Repairs", and then select the gear icon to edit Parts/Labor/Misc.

- File the claim within 7 days in accordance with the warranty policy.
Peterbilt dealers may not perform 26-040 repairs on Kenworth chassis.

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code:	26-040	Campaign Type:	Field Repair
Claim Category:	Truck	Repair Type:	Fix-As-Fail
Customer Concern Code:	062	Causal Code:	62
Corrective Action Code:	32	Responsibility Code:	Supplier
Failure Location:	026-015-105	Causal Part:	E74-1020
Supplier Code:	21888AB	SRT Code:	B25-17A 6.9 hours Inspect, Documentation (photos, position, MTM S/N), Perform Rail Cap Screw Service Procedure with O-Ring Protruding, and perform test drive.


Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	Source Locally 2	Parts Cleaner – Loctite SF 7063 (or equivalent)
1	E74-1020	MTM O-ring Kit

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained

 WARNING
<p>Read, understand, and follow each statement regarding cap screw installation and torque specification requirements. Failure to install and torque cap screws to specification may result in major vehicle component damage, severe injury, or death.</p>

If a vehicle comes into your dealership with a PACCAR TX-12 Transmission reference T016.

Attachments

[Eaton Cummins Bulletin TAIB-0994](#)