

E335: PACCAR MX-13 EPA21 Scherdel Intake Valve Spring Replacement

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E335

Description

PACCAR MX-13 EPA21 Scherdel Intake Valve Spring Replacement

Subject

PACCAR MX-13 EPA21 Scherdel Intake Valve Spring Replacement

Supplier

Scherdel

Date

2/19/2026

Revision

5/15/2026: Updated warranty section to define short and long hood configurations and progressive damage filing instructions.

4/10/2026: Updated Warranty section to address progressive damage claims under E335.

3/17/2026: Updated Recommended Repairs and SRT times to include T680 Next Gen/New Model 579 and T680 Classic/Model 579 differences.

3/10/2026: Updated bulletin to include parts reserve status and ordering instructions.

Condition

Certain EPA21 compliant PACCAR MX-13 engines identified as having suspect intake valve springs.

Chassis Affected

2,117 (1,825 US and 292 Canada) vehicle model year 2022-2023 T680, T880, W990 built from

12/16/2021 through 5/9/2022 equipped with EPA21 compliant PACCAR MX-13 engines.

Action

Campaign

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. If the engine is replaced with a Long Block, Full Swing, or the Cylinder Head Assembly is replaced for any other reason **after 5/10/2022**, E335 does not need to be performed. Email pb.warsystem@paccar.com or KWDivision.warranty.agreements@paccar.com to mark the campaign complete. Include the Chassis Number and date of the engine repair, and what was replaced in the email (long block, full swing, cylinder head). Note that a short block replacement does not eliminate the need for E335.
3. In Service Management, select Campaign **E335** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the Campaign in Service Management
4. If you are not using Service Management to start repair orders, review SIR for "Complete" or "In Process" next to the **E335** campaign code prior to performing this repair.
5. Follow the procedures below to replace 12 intake valve springs.

Warranty

This is a proactive campaign that covers only the labor outlined in the Repair Procedure below. Dealers must first file a claim by choosing the correct recommended repair code first per instruction below. Progressive damage is not covered under E335 and must be filed under a separate claim using any remaining applicable

engine warranty. Only chassis with an active applicable engine warranty are eligible for progressive damage coverage.

Supplemental Claims for Rocker Arm Damage

In some rare cases, the plunger (or "e-foot") may fall loose from the exhaust rocker arm during removal of the engine brake assembly. In these cases, submit a claim using the following methods:

- If vehicle is under warranty: File a regular warranty claim referencing E335 in the repair story (use the rocker arm as the causal part).
- If vehicle is out of warranty: File an additional claim for extraordinary circumstances using E335 in the Campaign Code section.

In either case, the following documentation is required in the claim:

- Photograph(s) showing the fallen rocker arm plunger(s)
- Description of the specific rocker arm(s) requiring replacement
- Repair Order showing arm damage was discovered during E335 intake valve spring replacement

Starting on **2/19/2026** and for repairs completed by **3/1/2027**, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 4.5 hours of labor to replace 12 intake valve springs on T680 Next Gen 124.5" Long Hood chassis. Select Recommended Repair code E335A.
- 4.9 hours of labor to replace 12 intake valve springs on T680 Next Gen 119" Short Hood chassis. Select Recommended Repair code E335B.
- 4.4 hours of labor to replace 12 intake valve springs on T880/W990 chassis. Select Recommended Repair code E335C.
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- File the claim within 14 days in accordance with the Warranty Policy.
- Kenworth dealers may perform E323 repairs on Peterbilt chassis, but Recommended Repairs do not

apply. For Peterbilt chassis repairs, use the long claim input form.



NOTE

Hood measurements are from bumper to Back-of-cab (BBC) to determine short or long hood configurations.

Take off parts disposition: Destroy 30 days after claim is paid

PRWS CLAIM CODING			
Campaign Code:	E335	Campaign Type	Field Repair
Claim Category:	Engine	Repair Type	Proactive
Customer Concern Code	202	Causal Code	12
Corrective Action Code	12	Responsibility Code:	CAMPSUPP
Failure Location	045-008-037	Causal Part	2264673PE
Supplier Code	85971	SRT Code	B26-11A 4.5 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680NG/NM579 per bulletin procedure B26-11B 4.9 hrs PACCAR MX-13 EPA21 Intake Valve

			Spring Replacement T680NG/NM579 (Short Hood) per bulletin procedure B26-11C 4.4 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680/T880/W990/567/579/365/367/389 per bulletin procedure
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Parts

Intake Valve Spring inventory is currently limited and has been placed on reserve status. Dealers must submit a TCS365 case as shown below. PACCAR Parts continues to receive regular inventory shipments to the PDCs.

- 1. Open TCS365 in Google Chrome or Microsoft Edge.
- 2. Select Order Support | Order Inquiry.
- 3. Select Case Type: Place an Order
- 4. Select Case Category: Campaign
- 5. On the Place an Order page, fill in the following fields as shown and fill in the other fields as

appropriate:

- Account Name: appropriate for your dealer
- Vehicle Year: Chassis Model Year
- RH Sheppard Recall: Select NO
- Subject: E335 Valve Springs
- Campaign Name: E335 Valve Springs
- Dealer PO#: Dealer purchase order number
- Shipping method: Select from drop-down list
- Part Number: **2264673PE**
- Vehicle OEM: Select from drop-down list
- Vehicle Chassis Number: Last 8 digits of VIN
- Quantity: **12** per chassis

Quantity	Part Number	Description
12	2264673PE	Valve Spring (Inlet)
1	2105834	Valve cover gasket
1	2105835	Valve train casing gasket
AS Needed (Up to 1 gallon)	EC3501 (US) EC7501 (Canada)	Coolant (for top-off on short hood T680/579 chassis only)
Partial Container Needed	Source Locally	Electrical Contact Cleaner

Procedure

 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, or property damage.

Replace 12 engine intake valve springs following the attached procedures.

Links

[KW Chassis List](#)

[PB Chassis List](#)

[Repair Procedure – Model 365/367/389](#)

[Repair Procedure – T680NG/NM579](#)

[Repair Procedure – T880/T680/579/567](#)

[RMI Steps - Intake Valve Springs](#)

[Customer Letter - KW](#)

[Customer Letter - PB](#)

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