

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

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## Number

E335

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## Description

PACCAR MX-13 EPA21 Scherdel Intake Valve Spring Replacement

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## Subject

PACCAR MX-13 EPA21 Scherdel Intake Valve Spring Replacement

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## Supplier

Scherdel

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## Date

2/19/2026

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## Revision

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

3/18/2026: Updated Recommended Repairs and SRT times to include T680 Next Gen/New Model 579 and T680 Classic/Model 579 differences.

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## Condition

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

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## 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

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### 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](mailto:pb.warsystem@paccar.com) or [KWDivision.warranty.agreements@paccar.com](mailto: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

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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 chassis. Select Recommended Repair code E335A.
- 4.9 hours of labor to replace 12 intake valve springs on T680 Next Gen Short Hood chassis. Select Recommended Repair code E335B.
- 4.4 hours of labor to replace 12 intake valve springs on T880/W990/T680 Classic chassis. Select Recommended Repair code E335C.
- 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.
- Kenworth dealers may perform E335 repairs on Peterbilt chassis, but Recommended Repairs do

not apply. For Peterbilt chassis repairs, use the long claim input form.

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	<p><b>B26-11A</b> 4.5 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680NG/NM579 per bulletin procedure</p> <p><b>B26-11B</b> 4.9 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680NG/NM579 (Short Hood) per bulletin procedure</p> <p><b>B26-11C</b> 4.4 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680/T880/W990/567/579/365/367/389 per bulletin procedure</p>

## Parts

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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

 <b>WARNING</b>
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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Authored by: JB3

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## Condition

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

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## Chassis Affected

2,140 (1,906 US and 234 Canada) vehicle model year 2022-2023 model 365, 367, 389, 567, 579 built from 12/10/2021 through 5/10/2022 equipped with EPA21 compliant PACCAR MX-13 engines.

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## Action

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### 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

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Starting on 2/19/2026 and **for repairs completed by 3/1/2027**, Peterbilt 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 New Model 579 chassis. Select Recommended Repair code E335A.
- 4.9 hours of labor to replace 12 intake valve springs on New Model 579 Short Hood chassis. Select Recommended Repair code E335B.
- 4.4 hours of labor to replace 12 intake valve springs on 567/579/365/367/389 chassis. Select Recommended Repair code E335C.
- 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.
- Peterbilt dealers may perform E335 repairs on Kenworth chassis, but Recommended Repairs do

not apply. For Kenworth chassis repairs, use the long claim input form.

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	<p><b>B26-11A</b> 4.5 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680NG/NM579 per bulletin procedure</p> <p><b>B26-11B</b> 4.9 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T680nG/NM579 (Short Hood) per bulletin procedure</p> <p><b>B26-11C</b> 4.4 hrs PACCAR MX-13 EPA21 Intake Valve Spring Replacement T880/W990/T680/567/579/365/367/389 per bulletin procedure</p>

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

Quantity	Part Number	Description
12	2264673PE	Valve Spring (Inlet)
1	2105834	Valve cover gasket
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Partial Container Needed	Source Locally	Electrical Contact Cleaner

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Replace 12 engine intake valve springs following the attached procedures.

## Links

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[Repair Procedure – T680NG/NM579](#)

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

[RMI Steps - Intake Valve Springs](#)

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