

P002: PACCAR MX Prognostic Replacement: NOx Sensor Before Catalyst

Number

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P002

Subject

PACCAR MX Prognostic Replacement: NOx Sensor Before Catalyst

Date

6/30/2026

Revision

08/27/2026: A link to the PACCAR Powertrain Prognostics Webcast has been added in the Links section.

06/30/2026: Bulletin has been published to the Powertrain Service Bulletins section of PACCAR.net.

Condition

Leveraging PACCAR’s advanced Prognostic prediction algorithms, certain PACCAR MX-11 and MX-13 EMY 2024-2026 engines will receive proactive replacement instructions for the NOx sensor before catalyst to maximize uptime and maintain optimal performance.

P002 must be flagged and open in SIR at the time of the repair order (RO) open date to qualify.

Only trucks with an active standard or applicable extended warranty will be included in this campaign. Trucks flagged in SIR whose warranty expires will be removed. If a repair is performed on a chassis flagged in SIR after warranty expiration, PACCAR will consider payment on a case-by-case basis.

Chassis Affected

Certain chassis equipped with PACCAR MX-11 and MX-13 EMY 2024-2026 engines will be identified through the Prognostic Program in SIR as described above

Action

Prognostic Campaign

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

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. In Service Management, select campaign **P002** 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.
3. If you are not using Service Management to start repair orders, review SIR for Complete next to the **P002** campaign code prior to performing this repair.

4. Follow the procedures in the Links section to remove and replace the NOx sensor before catalyst.

Warranty

Starting on **10/27/2025** Kenworth will pay for parts at dealer net plus applicable mark-up and labor.

PACCAR will identify and load chassis to PRWS and SIR.

P002 must be flagged and open in SIR at the time of the RO open date to qualify.

For MX-11

- **1.4 hours** to R&R the NOx sensor before catalyst with part number **2347655PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P002A**.

For MX-13

- **1.4 hours** to R&R the NOx sensor before catalyst with part number **2347656PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P002B**.
- 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.

Take-Off Parts Disposition:

- Destroy 30 days after claim is paid

PRWS CLAIM CODING			
Campaign Code:	P002	Campaign Type:	Field Repair
Claim Category:	Engine	Repair Type:	Proactive
Customer Concern Code:	207	Causal Code:	33
Corrective Action Code:	82	Responsibility Code:	CAMP
Failure Location:	043-007-218	Causal Part:	2347656PE
Supplier Code:	N/A	SRT Code:	B25-38A 1.4 hours R&R the NOx sensor before catalyst and perform the repair verification per the bulletin procedure for P002.

For campaign filing questions, reference Kenworth bulletin CB077.

Parts

Refer to RMI to determine the correct NOx sensor before catalyst part number for the chassis you are

working on.

Quantity	Part Number	Description
1	2347655PE	NOx SENSOR, FORWARD - MX-11
1	2347656PE	NOx SENSOR, FORWARD - MX-13 EPA21
1	1977938PE	CABLE TIE

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, equipment damage, or property damage.

Please see the Links section below for procedures on removing and replacing the NOx sensor before catalyst.

Links

[P002 PACCAR MX Prognostic Replacement NOx Sensor Before Catalyst US Chassis List](#)
[P002 PACCAR MX Prognostic Replacement NOx Sensor Before Catalyst MX-11 Procedure](#)
[P002 PACCAR MX Prognostic Replacement NOx Sensor Before Catalyst MX-13 Procedure](#)
[PACCAR Powertrain Prognostics Webcast](#)

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Revision

08/27/2026: The chassis list has been updated to include 2 chassis. The total chassis count is now 4. A link to the PACCAR Powertrain Prognostics Webcast has been added in the Links section.

07/22/2026: The chassis list has been updated to include 1 chassis. The total chassis count is now 2.

07/16/2026: The chassis list has been updated to include 1 chassis. The total chassis count is now 1.

06/30/2026: Bulletin has been published to the Powertrain Service Bulletins section of PACCAR.net.

Condition

Leveraging PACCAR’s advanced Prognostic prediction algorithms, certain PACCAR MX-11 and MX-13 EMY 2024-2026 engines will receive proactive replacement instructions for the NOx sensor before catalyst to maximize uptime and maintain optimal performance.

P002 must be flagged and open in SIR at the time of the repair order (RO) open date to qualify.

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Chassis Affected

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Action

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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. In Service Management, select campaign **P002** 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.
3. If you are not using Service Management to start repair orders, review SIR for Complete next to the **P002** campaign code prior to performing this repair.
4. Follow the procedures in the Links section to remove and replace the NOx sensor before catalyst.

Warranty

Starting on **10/27/2025** Peterbilt will pay for parts at dealer net plus applicable mark-up and labor.

PACCAR will identify and load chassis to PRWS and SIR.

P002 must be flagged and open in SIR at the time of the RO open date to qualify.

For MX-11

- **1.4 hours** to R&R the NOx sensor before catalyst with part number **2347655PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P002A**.

For MX-13

- **1.4 hours** to R&R the NOx sensor before catalyst with part number **2347656PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P002B**.
- 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.

Take-Off Parts Disposition:

- Destroy 30 days after claim is paid

PRWS CLAIM CODING			
Campaign Code:	P002	Campaign Type:	Field Repair
Claim Category:	Engine	Repair Type:	Proactive
Customer Concern Code:	207	Causal Code:	33
Corrective Action Code:	82	Responsibility Code:	CAMP
Failure Location:	043-007-218	Causal Part:	2347656PE
Supplier Code:	N/A	SRT Code:	B25-38A 1.4 hours R&R the NOx sensor before catalyst and perform the repair verification per the bulletin procedure for P002.

For campaign filing questions, reference Peterbilt Warranty Procedure Manual - Section 8.

Parts

Refer to RMI to determine the correct NOx sensor before catalyst part number for the chassis you are

working on.

Quantity	Part Number	Description
1	2347655PE	NOx SENSOR, FORWARD - MX-11
1	2347656PE	NOx SENSOR, FORWARD - MX-13 EPA21
1	1977938PE	CABLE TIE

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