

P001: PACCAR MX Prognostic Replacement: Particulate Matter Sensor

Number

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P001

Subject

PACCAR MX Prognostic Replacement: Particulate Matter (PM) Sensor

Date

6/30/2026

Revision

08/27/2026: The chassis list has been updated to include 1 chassis. The total chassis count is now 53. A link to the PACCAR Powertrain Prognostics Webcast has been added in the Links section.

08/19/2026: The chassis list has been updated to include 3 chassis. The total chassis count is now 52.

08/12/2026: The chassis list has been updated to include 2 chassis. The total chassis count is now 49.

07/29/2026: The chassis list has been updated to include 2 chassis. The total chassis count is now 47.

07/14/2026: The chassis list has been updated to include 4 chassis. The total chassis count is now 43.

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 PM sensor to maximize uptime and maintain optimal performance.

P001 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 **P001** 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 **P001** campaign code prior to performing this repair.
4. Follow the procedures in the Links section to remove and replace the PM sensor.

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.

P001 must be flagged and open in SIR at the time of the RO open date to qualify.

- **1.4 hours** to R&R the PM sensor with part number **2160125PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001A**.
- **1.4 hours** to R&R the PM sensor with part number **2160126PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001B**.
- **1.4 hours** to R&R the PM sensor with part number **2160128PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001C**.
- **1.4 hours** to R&R the PM sensor with part number **2348438PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001D**.
- 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:	P001	Campaign Type:	Field Repair
Claim Category:	Engine	Repair Type:	Proactive
Customer Concern Code:	207	Causal Code:	33
Corrective Action Code:	03	Responsibility Code:	CAMP
Failure Location:	043-006-120	Causal Part:	2160125PE
Supplier Code:	N/A	SRT Code:	B25-37A 1.4 hours R&R the PM Sensor and perform repair verification per the bulletin procedures. Time to R&R fairing, step, or cover for access is included in this time.

For campaign filing questions, reference Kenworth bulletin CB077.

Parts

Refer to eCat to determine the correct PM sensor part number for the chassis you are working on.

Quantity	Part Number	Description

1	2160125PRX	SENSOR, PARTICULATE (REMAN)
1	2160126PRX	SENSOR, PARTICULATE (REMAN)
1	2160128PRX	SENSOR, PARTICULATE (REMAN)
1	2348438PE	SENSOR, PARTICULATE
3	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 PM sensor.

Links

[P001: PACCAR MX Prognostic Replacement PM Sensor US Chassis List](#)

[P001: PACCAR MX Prognostic Replacement: PM Sensor](#)

[PACCAR Powertrain Prognostics Webcast](#)

P001: PACCAR MX Prognostic Replacement: Particulate Matter Sensor

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P001	
Subject	
PACCAR MX Prognostic Replacement: Particulate Matter (PM) Sensor	
Date	
6/30/2026	
Revision	
08/27/2026: The chassis list has been updated to include 8 chassis. The total chassis count is now 130. A link to the PACCAR Powertrain Prognostics Webcast has been added in the Links section. 08/19/2026: The chassis list has been updated to include 11 chassis. The total chassis count is now 122. 08/12/2026: The chassis list has been updated to include 10 chassis. The total chassis count is now 111. 08/06/2026: The chassis list has been updated to include 10 chassis. The total chassis count is now 101. 07/29/2026: The chassis list has been updated to include 13 chassis. The total chassis count is now 91. 07/22/2026: The chassis list has been updated to include 12 chassis. The total chassis count is now 78. 07/16/2026: The chassis list has been updated to include 24 chassis. The total chassis count is now 66. 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 PM sensor to maximize uptime and maintain optimal performance. P001 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 **P001** 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 **P001** campaign code prior to performing this repair.
4. Follow the procedures in the Links section to remove and replace the PM sensor.

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.

P001 must be flagged and open in SIR at the time of the RO open date to qualify.

- **1.4 hours** to R&R the PM sensor with part number **2160125PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001A**.
- **1.4 hours** to R&R the PM sensor with part number **2160126PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001B**.
- **1.4 hours** to R&R the PM sensor with part number **2160128PRX** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001C**.
- **1.4 hours** to R&R the PM sensor with part number **2348438PE** and perform the repair verification per the bulletin procedure. Select Recommended Repair Code **P001D**.
- 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:	P001	Campaign Type:	Field Repair
Claim Category:	Engine	Repair Type:	Proactive
Customer Concern Code:	207	Causal Code:	33
Corrective Action Code:	03	Responsibility Code:	CAMP
Failure Location:	043-006-120	Causal Part:	2160125PE
Supplier Code:	N/A	SRT Code:	B25-37A 1.4 hours R&R the PM Sensor and perform repair verification per the bulletin procedures. Time to R&R fairing, step, or cover for access is included in this time.

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

Parts

Refer to eCat to determine the correct PM sensor part number for the chassis you are working on.

Quantity	Part Number	Description
1	2160125PRX	SENSOR,

		PARTICULATE (REMAN)
1	2160126PRX	SENSOR, PARTICULATE (REMAN)
1	2160128PRX	SENSOR, PARTICULATE (REMAN)
1	2348438PE	SENSOR, PARTICULATE
3	1977938PE	CABLE TIE

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Links

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[P001: PACCAR MX Prognostic Replacement: PM Sensor Procedure](#)

[PACCAR Powertrain Prognostics Webcast](#)