



**NUMBER:** 11-004-20

**GROUP:** 11 - Exhaust System

**DATE:** August 7, 2020

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**SUBJECT:**

Diesel Particulate Matter Sensor - Associated to DTCs - P24D1 and P24AE

**OVERVIEW:**

This bulletin involves replacing the diesel particulate sensor when one or more of the following Diagnostic Trouble Codes (DTCs) are active in the Powertrain Control Module (PCM).

**MODELS:**

2019 - 2020	(BV)	Jeep Renegade
2019 - 2020	(MP)	Jeep Compass

**NOTE:** This bulletin applies to vehicles within the following markets/countries: EMEA.

**NOTE:** This bulletin applies to (BV) vehicles built on or before December 17, 2019 (MDH 1217XX) equipped with 1.6L I4 B ECO Turbo Diesel Engine W/ESS (Sales Codes EJJ) or 2.0L I4 Turbo Diesel Engine W/ ESS (Sales Codes EBS).

**NOTE:** This bulletin applies to (MP) vehicles built on or before January 22, 2020 (MDH 0122XX) equipped with 1.6L I4 B ECO Turbo Diesel Engine W/ESS (Sales Codes EJJ) or 2.0L I4 Turbo Diesel Engine W/ ESS (Sales Codes EBS).

**SYMPTOM/CONDITION:**

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following DTCs.

- P24D1-00 - Particulate Matter Sensor Regeneration Incomplete.
- P24AE-00 - Particulate Matter Sensor Circuit.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all engine systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description
1 (AR)	Mopar Part# 68510753AA EMEA Local Sourced Part# 46345721	Sensor, Particulate Matter (BV)
1 (AR)	Mopar Part# 68365997AD EMEA Local Sourced Part# 50057241	Sensor, Particulate Matter (MP)

**REPAIR PROCEDURE:**

1. Perform and save a scan report.
2. Replace the diesel particulate matter sensor. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> Exhaust System / Sensor, Particulate Matter / Removal and Installation.
3. Clear any DTCs, using wiTECH application will automatically present all DTCs and allow them to be cleared.
4. If one or more of these DTCs set again. Normal DTC diagnostic need to be performed.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
25-07-02-90	Diesel Particulate Matter Sensor - Remove and Install (1 - Semi-Skilled)	10 Diesel	0.6 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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