



**NUMBER:** 18-034-14 REV. A

**GROUP:** Vehicle Performance

**DATE:** July 15, 2014

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-034-14, DATED JUNE 6, 2014, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH \*\*ASTERISKS\*\*.**

**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 14-046. ALL APPLICABLE UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**SUBJECT:**

P0520- Engine Oil Pressure Sensor Circuit

**OVERVIEW:**

This bulletin involves replacing the oil pressure sensor with a revised part.

**MODELS:**

2013 - 2014	PF	Dart
2013 - 2014	LD	Charger
2013 - 2014	LX	300
2013 - 2014	LC	Challenger
2013 - 2014	JS	200/Avenger
2013 - 2014	RT	Town & Country/Grand Caravan
2013 - 2014	WK	Grand Cherokee
2014	KL	Cherokee
2013 - 2014	WD	Durango
2013 - 2014	DS	Ram 1500
2013 - 2014	DJ	Ram 2500
2013 - 2014	D2	Ram 3500 Pickup
2013 - 2014	DD	Ram 3500 Cab Chassis
**2014	DP	Ram 4500/5500 Cab Chassis**
2013 - 2014	JC	Journey
2013 - 2014	JK	Wrangler

2014	VF	ProMaster
2013 - 2014	ZD	Viper

**NOTE: \*\*This bulletin applies to all vehicle models listed above equipped with a 2.0L engine (sales code ECK), 2.4L engine (sales code ED6), 3.2L engine (sales code EHB), 3.6L engine (sales code ERB), 3.0L engine (sales code EHD), 5.7L engine (sales code EZH or EZC), 6.4L engine (sales code ESG, ESH, ESA or ESB), or a 8.4L engine (sales code EWG) built on or before March 12, 2014 (MDH 0312XX).\*\***

**SYMPTOM/CONDITION:**

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0520 - Engine Oil Pressure Sensor Circuit

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTC's other than the ones listed above are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition or if the technician finds the listed DTC, perform the Repair Procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description	Engine Application
1	68145662AA	Sensor, Oil Pressure	2.0L 2.4L
1	05149062AA	Sensor, Oil Pressure	3.0L 3.2L 3.6L 5.7L 6.4L
1	05149064AA	Sensor, Oil Pressure	8.4L
**6	5184562AC	Seal, Intake Plenum	3.6L** 3.2L
**6	5184331AC	Seal, Intake Manifold	3.6L** 3.2L

**REPAIR PROCEDURE:**

1. Replace the oil pressure sensor. Refer to the detailed removal and installation procedure available in DealerCONNECT> Service> TechCONNECT> Service Info> 09 - Engine> Lubrication> Sensor, Oil Pressure> Removal/ Installation.
2. Utilizing the wiTECH Diagnostic Application, clear stored DTC's.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Skill Category</b>	<b>Amount</b>
08-46-10-92	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>2.0L/2.4L - PF/KL</b>	6- Electrical & Body Systems	0.5 Hrs.
**08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.2L - KL</b>	6- Electrical & Body Systems	1.0 Hrs.**
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - JS/JC</b>	6- Electrical & Body Systems	1.0 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - LD/LX/RT</b>	6- Electrical & Body Systems	1.2 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - LC</b>	6- Electrical & Body Systems	0.9 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - WK/WD</b>	6- Electrical & Body Systems	1.3 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - DS</b>	6- Electrical & Body Systems	1.6 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - JK</b>	6- Electrical & Body Systems	1.7 Hrs.
08-46-10-93	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.6L - VF</b>	6- Electrical & Body Systems	1.8 Hrs.
08-46-10-94	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.0L - LX</b>	6- Electrical & Body Systems	0.9 Hrs.
08-46-10-94	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.0L - WK</b>	6- Electrical & Body Systems	1.3 Hrs.
08-46-10-94	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>3.0L - JK</b>	6- Electrical & Body Systems	1.7 Hrs.
**08-46-10-95	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>5.7L/6.4L - DS/DJ/D2/DD/DP/WK/WD</b>	6- Electrical & Body Systems	0.4 Hrs.**

08-46-10-95	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>5.7L/6.4L- LC/LX/LD</b>	6- Electrical & Body Systems	0.7 Hrs.
08-46-10-95	Sensor, Oil Pressure - Replace (1 - Semi-Skilled) <b>8.4L - ZD</b>	6- Electrical & Body Systems	0.3 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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