



SI B12 01 15
Engine Electrical Systems

April 2015
Technical Service

This Service Information bulletin supersedes SI B12 01 15 **dated January 2015.**

NEW designates changes to this revision

SUBJECT

N20 and N26 Differential Pressure Sensor Fault 195002 Stored in DME

MODEL

F10 (5 Series Sedan)

F22 (2 Series Coupe)

F25 (X3)

F26(X4)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

F36 (4 Series Gran Coupe)

Produced to 12/2014

With the N20 and N26 engines

SITUATION

The Service Engine Soon (MIL) light is on with the following differential pressure sensor fault stored:

- 195002 - Differential pressure sensor, tank vent valve, electrical: Short circuit to ground

CAUSE

During engine operation, vibration and movement of the sensor can damage the pin contacts of the harness connector, or cause a break in the wiring.

NEW CORRECTION

Perform diagnosis with the latest version of ISTA. (A revised test plan for this DME fault was included in ISTA 3.48, released in February 2015.)

Install a differential pressure sensor repair harness, which is spliced in at the DME connector.

It now includes a harness clip to secure it to the ventilation pipe, to prevent any future damage.

NEW PROCEDURE

The repair procedure is described in the attachment.

PARTS INFORMATION

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Part Number	Description	Quantity
12 51 8 645 886	Adapter repair harness	1

NEW WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	12 51 90 01 00	
Labor Operation:	Labor Allowance:	Description:
00 62 205	Refer to KSD2	Install adapter repair harness (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)
Or:		
00 62 840	Refer to KSD2	Install adapter repair harness (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work – Vehicle already in the workshop)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

ATTACHMENTS

View PDF attachment [B120115 N2x Differential Pressure Sensor Harness Repair](#).

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