



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS AND PRIOR TO RETAIL DELIVERY.

SUBJECT

Service Action: Replace Charge Air Temperature Sensor (M57Y)

MODEL

E70 with the M57Y diesel engine produced from 1/22/2008 to 4/31/2011

SITUATION

The Service Engine Soon lamp (MIL) is illuminated. Fault Code 4C52, "Charging air temperature sensor, plausibility" is stored.

CAUSE

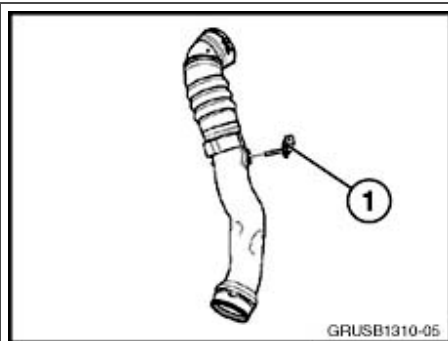
The charge air temperature sensor has failed.

AFFECTED VEHICLES

This Service Action involves E70 vehicles with the M57Y diesel engine which were produced from 1/22/2008 to 4/31/2011.

In order to determine whether a specific vehicle has had this Service Action completed or is affected by this Service Action, first check the B-pillar label for code number **600**. If code number **600** has been punched out, the campaign has already been performed. If code number **600** has not been punched out, it will be necessary to utilize the "Service Menu" of DCSnet (Dealer Communication System) or the Key Reader. Based on the response of the system, either proceed with the corrective action or take no further action.

PROCEDURE

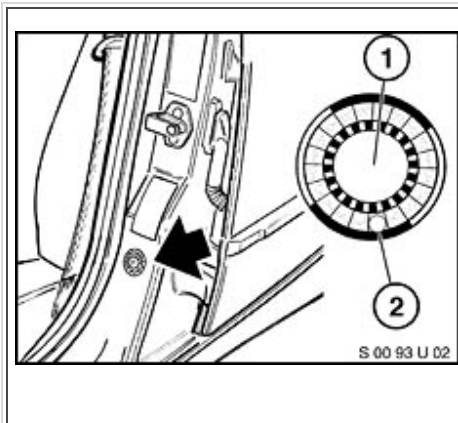


Replace the charge air temperature sensor (1) (refer to Repair Instruction RA 13 62 538).

PARTS INFORMATION

Part Number	Description	Quantity
13 62 8 519 444	Temperature sensor, air	1

LABEL INSTRUCTIONS



This Service Action has been assigned code number **600**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-395) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **600** (2), printed on the label; and
- C. Affix the label to the B-pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one, because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code:	00 13 09 02 00	
Labor Operation:	Labor Allowance:	Description:
00 60 662	3 FRU	Replace charge air temperature sensor

Labor operation 00 60 662 is a Plus labor operation.

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