

**SUBJECT****Fuel Injector Faults****MODEL**

E70 with the M57Y produced to May 2012

SITUATION

The engine may lose power with an illuminated “Service Engine Soon” lamp. One or more of the following fault codes are stored:

- 4460 cylinder 6 injector, actuation
- 4450 cylinder 5 injector, actuation
- 4440 cylinder 4 injector, actuation

CAUSE

Water from a leaking joint in the engine compartment partition wall has dripped onto the fuel injector electrical connectors.

CORRECTION

Replace any fuel injectors that are faulty and repair/replace any wire terminals damaged from the moisture ingress. Reseal the engine compartment partition wall following Repair Instruction 51 71 “Sealing the units’ compartment partition wall, top center.”

WARRANTY INFORMATION

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

Defect Code:	41 13 91 48 00	
Labor Operation:	Labor Allowance:	Description:
00 60 844	Refer to KSD2	Remove and reseal compartment partition wall

Labor operation codes 00 60 844 is a Plus labor operation.

Other Repairs

As outlined in the Correction section, if performing the ISTA diagnostics and corresponding inspection of the fuel injectors and/or engine harness connectors results with other **eligible and covered work**, claim this work with the corresponding component defect code and labor operations listed in KSD2.

ATTACHMENTS

View PDF attachment [B130112_E7x_Partition-Sealing](#).

Seal the top center of the engine compartment partition wall:



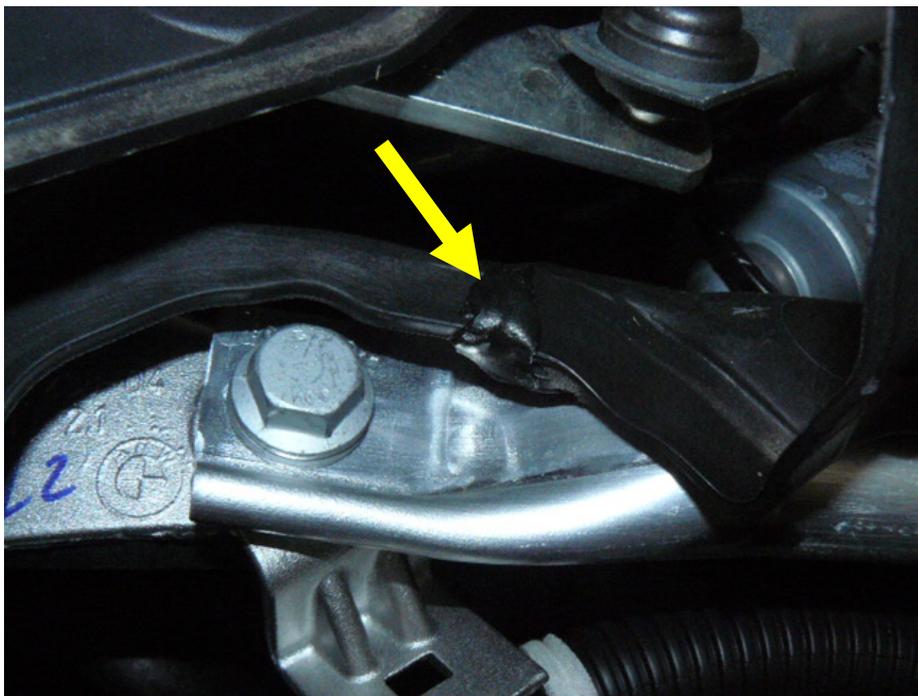
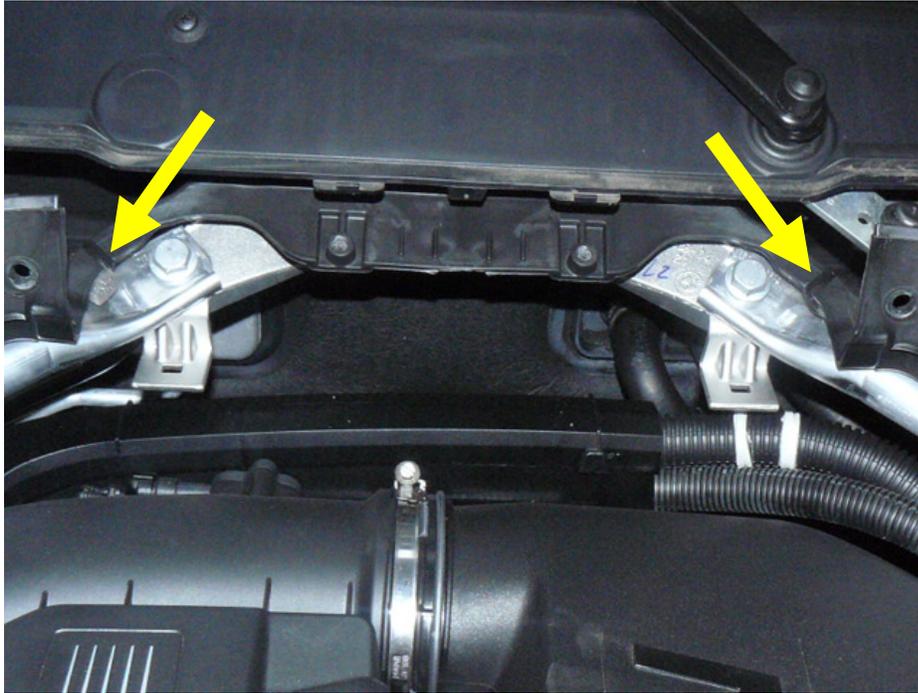
Required preliminary work:
Remove the hood seal and the left and right microfilter housing covers.



Remove the 4 screws and carefully lift out the center partition wall.

Remove all existing sealing material and residue, making sure that all contact surfaces are clean and dry.

Using (2) 10 cm strips of 6 or 7 mm diameter Butyl sealing tape, completely seal the gaps between the partition pieces on both the left and right sides.



Install a longer strip (approx. 60 cm) of the same 6 or 7 mm diameter Butyl sealing tape onto the sealing surface of the center partition, in place of the original seal.



Reinstall the center partition by pushing it uniformly into place and securing the 4 screws.

Important: You must ensure that all gaps are completely sealed, and that no water can enter between the center and left partition walls.



Note: Take care when reinstalling the hood seal so as to not damage the partition components.