

**SUBJECT****B38, B46 and B48 Engines: Engine Replacement Procedures****MODEL**

F56 (Cooper)

With B38 engine

F56 (Cooper S)

With B46 and B48 engines

SITUATION

The engine may run rough and exhibit an engine noise from the VANOS area after the cylinder head or the engine is replaced.

PROCEDURE**Vehicles with the B38 engine produced prior to 7/2015:**

1. Do not start the engine with newly installed cylinder head or start the newly installed engine.
2. Got to ISTA/P conversions and carry out the “Conversion of the cylinderhead/engine” retrofit.

Vehicles with the B46 and B48 engines produced prior to 11/2015:

1. Do not start the engine with newly installed cylinder head or start the newly installed engine.
2. Got to ISTA/P conversions and carry out the “Conversion of the cylinderhead/engine” retrofit.

If these steps are not carried out prior to starting the engine then engine damage can occur.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	11 36 01 83 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing vehicle test
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)

61 00 730	Refer to KSD2	Performing retrofit for conversion of the cylinderhead/engine
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If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

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

Vehicle Programming and Encoding

If a control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to control modules and components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

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