

**SUBJECT****Reduced Engine Power with Misfiring and Valvetronic Shutdown****MODEL**

F55 (Cooper, Cooper S 4-door Hardtop)

F56 (Cooper, Cooper S 2-door Hardtop)

F56 (JCW 2-door Hardtop)

Produced to 7/2015

With the B38M, B46M, B48M and B48O engines

SITUATION

The engine misfires with the engine power reduced, and a Check Control Message (CCM) "Drive Faulty; Drive at moderate speed" is displayed.

Various misfire faults and the following Valvetronic fault codes are stored in the DME:

- Fault 134A02: Valvetronic servomotor: Overloading
- Fault 135302: Valvetronic servomotor: Switch-off, Component protection

CAUSE

DME software error

PROCEDURE

Do not replace any parts.

Program the vehicle using the latest version of ISTA/P.

Target integration level: F056-15-07-500 or higher

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

Always connect a MINI approved battery charger/power supply ([SI M04 08 09](#)).

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

This repair is also covered by the terms of the Federal and/or the State-specific adoption of the California Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components) that applies to the MINI model(s) listed.

B46M engine SULEV/PZEV: This repair is also covered by the terms of the State-specific adoption of the California Emissions Warranty (dependent on the vehicle's model year, state of registration and the State's full adoption of this section of the statute).

The MINI NEXT Certified Pre-Owned Limited Warranty applies to MINI vehicles that have and are still within the MINI NEXT Certified Pre-Owned Limited Warranty coverage period, but beyond Emissions Warranty coverage that applies.

Defect Code:	10 42 31 59 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 730	Refer to KSD2	Programming/encoding control units

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

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

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