



## SUBJECT

**Various Check Control Messages with Fault 11B033 Stored in DME**

## MODEL

F56 (Cooper and Cooper S Hardtop)

With B38M and B48M engines produced to 7/1/2014

## SITUATION

A drivetrain or MSA malfunction Check Control message may be displayed, along with a Service Engine Soon light (MIL).

DME fault 11B033: Fuel pump control module (FPC), signal: Short circuit to ground is stored in the DME.

## CAUSE

Unfavorable DME software diagnostics

## PROCEDURE

By itself, the fault entry, 11B033: Fuel pump control module (FPC), signal: Short circuit to ground, does not trigger a Check Control message. It is caused by another fault code in the DME memory: see [SI M12 04 14](#).

Perform a vehicle test and work through the recommended test plans for all other faults.

It is possible to determine if DME fault 11B033 is either an actual error or false (software) by performing the following steps:

- Switch the ignition on, turn the engine off, and clear the DME fault memory.
- Switch the ignition off for at least 10 seconds. Then start the engine so the fuel pump is running. Read out the DME fault memory again.
- If fault 11B033 is no longer occurring, it was a false error which is corrected with DME software integration level F056-14-07-500 and higher.
- If the fault 11B033 occurs again, this must be investigated further by working through the recommended test plan using the latest version of ISTA/D.

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

Target integration level: R056-14-07-500 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.

<b>Defect Code:</b>	<b>16 14 06 02 00</b>
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<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
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 KSD 2 as Charging battery)
and if necessary		
61 00 730	Refer to KSD2	Programming/encoding control units

Labor operation code 00 00 006 is a Main labor operation. 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) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

### **Other Repairs**

If performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and/or labor operations listed in KSD2.

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