


**SUBJECT**
**The Service Engine Soon (MIL) On with Fault 102001: Air Mass Too High**
**MODEL**

F56 (Cooper)

Produced to 7/1/2014

With the B38M engine

**SITUATION**

The Service Engine Soon light (MIL) is illuminated with the Check Control message: “Drivetrain: Drive Moderately” displayed.

Fault 102001: Air mass too high is stored in the DME.

**CAUSE**

Unfavorable DME software

**PROCEDURE**

 If this fault has occurred less **than 4 times without** any other engine intake air or boost-related faults, program the vehicle using the latest version of ISTA/P.

Target Integration level: R056-14-07-500 or higher

 If the fault has been stored **more than 4 times and/or other** intake air path faults are stored, additional troubleshooting and inspection of the intake components should be performed as described in the test plan.

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 State-specific Emissions Warranty (vehicle model year and state of registration dependent) that applies to the MINI model listed.

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

<b>Defect Code:</b>	<b>10 42 31 59 00</b>	
<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:		
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 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 under the defect code listed above; refer to KSD2.

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.

### **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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