


**SUBJECT**
**B46M: Enable 3rd-2nd Gear Downshift Active Engine Speed Adaptation**
**MODEL**

F55 (Cooper S 4-door Hardtop)

F56 (Cooper S 2-door Hardtop)

With the B46M and the Getrag 6-speed manual transmission

Produced from 7/1/2014 to 1/11/2015

**SITUATION**

The active engine speed adaptation feature, or rev-matching when downshifting from 3rd to 2nd gear, was not initially active in production for the MY 2015 Cooper S models.

**CAUSE**

DME software changed in production

**CORRECTION**

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

F55, F56	Target integration level: F056-15-03-500 or higher
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Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

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.

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 KSD2 as Charging battery)		
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit (s)

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.

### **Programming and Coding**

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.

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