



UPDATE ! JCW ENGINE TUNING KIT - ENGINE LOSS OF POWER IN STOP-AND-GO DRIVING

New information provided by this revision is preceded by this symbol **UPDATE !**.

This Service Information bulletin replaces SI B12 06 18 dated **March 2018**

What's New:

- Title revised
- Situation updated
- Cause updated
- Correction updated
- Warranty information added

MODEL

(F54 (Cooper Clubman))	F55 (Cooper Hardtop 4 door)	F56 (Cooper Hardtop 2 door)	F57 (Cooper Convertible)
F60 (Cooper Countryman)			

Produced with the B46M engine, a manual transmission, and equipped with the JCW Tuning Kit (option code NPOW).

UPDATE ! SITUATION

The engine may lose power if the vehicle is decelerated, in gear, to a near stop and then accelerated again. There are no relevant fault codes stored in the Digital Motor Electronics (DME).

UPDATE ! CAUSE

Unfavorable clutch protection strategy in the Digital Motor Electronics (DME) software. Only the following I-levels are affected:

- **F056-18-03-51x**
- **F056-18-03-50x**
- **F056-17-11-5xx**
- **F056-17-07-5xx**

UPDATE ! CORRECTION

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA
2. Program the vehicle using **ISTA 4.10.2x** or higher to appropriate level shown below:

Model	Target integration level
F54 (Cooper S Clubman)	F056-18-03-522 or higher
F55 (Cooper S Hardtop 4 door)	
F56 (Cooper S Hardtop 2 door)	
F57 (Cooper S Convertible)	
F60 (Cooper S Countryman)	

Note that ISTA Next will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation

WARRANTY INFORMATION

Covered under the terms of the MINI New Vehicle Limited Warranty for Passenger Cars or the MINI NEXT/MINI Certified Pre-Owned Limited Warranty.

Defect Code:	1042315900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
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 unit(s)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

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

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Vehicle Programming and Encoding

- A. The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software i-level. If one or more control module failures occur “during” this programming procedure:

- Please claim this “consequential” control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Please explain this additional work (The why and what) on the repair order in the claim comments section.

- B. For control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in KSD2/AIR.

- A. The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software i-level. If one or more control module failures occur “during” this programming procedure:

- Please claim this “consequential” control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Please explain this additional work (The why and what) on the repair order in the claim comments section.

- B. For control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in KSD2/AIR.

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