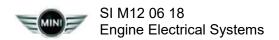
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May 2018 **Technical Service**

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

New information provided by this revision is preceded by this symbol UPDATED.



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)	 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 Ilevels are affected:

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

CORRECTION CORRECTION

For conditions that are similar to the situation described:

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- 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.

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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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