



REDUCED ENGINE POWER WITH EXHAUST CAMSHAFT SENSOR FAULT STORED

This Service Information bulletin supersedes SI M12 08 15 dated June 2016

MODEL

F54 (Cooper Clubman)	F55 (Cooper, 4-door Hardtop)	F56 (Cooper, 2-door Hardtop)	F57 (Cooper Convertible)
Applies to all with the B36M and B38M engines			

UPDATE! SITUATION

1. The engine power is reduced and a Check Control Message (CCM) "Drive Faulty; Drive at moderate speed" is displayed.

The following camshaft position sensor fault is stored in the DME:

- Fault 130F11: Exhaust camshaft sensor, signal: not plausible

As a result, the engine power is reduced and the following fault also is set:

- Fault 120408: Charging pressure control: Switch-off, pressure build-up blocked

2. There is an engine noise complaint of a tapping or knocking noises (VANOS area) after starting a cold engine at idle for the first 5 to 25 seconds.

Or clattering noises (in the area of VANOS) when pressing on the accelerator with cold engine oil.

Note: Both of the noise complaints could also occur after an engine oil service if an incorrect engine oil viscosity is used.

UPDATE! CAUSE

DME software error

Viscosity of engine oil used

UPDATE! PROCEDURE

Ensure that the engine oil level is correct and no other VANOS or oil pressure faults are present.

Do not replace any parts.

Program the vehicle using the latest version of ISTA/P (3.60.0) or ISTA Next 4.02.10 or higher.

Target integration level:**F056-16-07-501 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](#)).



Note: Whenever an engine oil service is performed only the correct viscosity oil should be used as designated in [SI M11 01 15](#)

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 State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components).

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

Defect Code:	11 36 01 96 00	
Labor Operation:	Labor Allowance:	Description:
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 units

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.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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