



SUBJECT**N16: Fault 274D Mixture Adaptation Is Stored in the DME****MODEL**

R55 Cooper Clubman

R56 Cooper

R57 Cooper Convertible

R58 Cooper Coupe

R59 Cooper Roadster

R60 Cooper Countryman

R61 Cooper Paceman

SITUATION

Certain low speed, light-load driving conditions at lower outside temperatures could cause the Service Engine Soon lamp (MIL) to illuminate. The following fault would be stored in the DME:

- Fault 274D: Mixture adaptation, lower engine speed range (mixture too lean)

CAUSE

1. Possible intake/exhaust leaks, or a faulty component as listed in the test plan
2. Unfavorable DME software

PROCEDURE

Perform the recommended test module using the latest version of ISTA/D and repair any defects found.

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

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](#)).

For R60 and R61

Target Integration level: R056-13-11-500 or higher

For R55, R56, R57, R58, and R59

Target Integration level: R056-14-03-500 or higher (ISTA/P 2.52.0 scheduled for March 2014)

Important!

Until ISTA/P 2.52.0 is released, you will need to update the car first to R056-13-11-500 – then submit a PuMA case titled “N16 274D software request” and prepare for an IRAP session to update the DME software.

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

Certain repairs may also be covered by the terms of the Federal, State or MINI Emissions Warranty.

To determine if any applicable Federal, State or MINI Emissions Warranty coverage applies prior to performing repairs, please see SI M01 03 11 for “Emissions Warranty Coverage” and refer to the “Glossary of Emission Coverage” attachment for more information.

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.

Defect Code:	10 41 04 38 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 as necessary		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
and		
61 00 710	Refer to KSD2	Programming / encoding control unit(s) (not including CAS)
or		
61 00 720	Refer to KSD2	Programming / encoding control unit(s)

	(with CAS)
--	------------

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.

Work time (WT) labor operation 61 00 006 requires an individual punch time.

If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

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.

[Copyright ©2014 BMW of North America, Inc.]