



## W10 ENGINE: EMS2K - COMPREHENSIVE COMPONENT OBD READINESS MONITOR NOT COMPLETED

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

This Service Information bulletin supersedes SI M12 08 17 dated **September 2017**

### What's New:

- The Warranty Information section has been updated

### MODEL

R50 (Cooper) (W10 Engine with a manual transmission) Model Years 2002 to 2005 produced from 6/11/2001 to 2/28/2005	R50 (Cooper) (W10 Engine with an automatic transmission) Model Years 2002 to 2005 produced from 1/15/2002 to 2/28/2005	R52 (Cooper Convertible) (W10 Engine with a manual transmission) Model Year 2005 produced from 6/18/2004 to 2/28/2005	R52 (Cooper Convertible) (W10 Engine with an automatic transmission) Model Year 2005 produced from 8/19/2004 to 2/28/2005
--------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

### SITUATION

An affected vehicle **fails to pass** a state Inspection and Emission (I/M) test due to the "Comprehensive Component" OBD readiness monitor status is "not complete," or it fails complete after performing an applicable repair.

The MIL is not on and there are no OBD relevant faults stored.

### CAUSE

EMS2K DME (black case) software or hardware

### CORRECTION

Check, and if necessary, program the EMS2K DME's software to the latest version.

If the OBD readiness monitor for "Comprehensive Component" still does not complete, replace the "EMS2K DME" with a "MS5150 DME."

There is no immediate repair required unless an affected MINI vehicle is currently experiencing this this issue.

### PROCEDURE

1. Verify that the "Comprehensive Component" OBD readiness monitor "did not complete."
2. Refer to the table below, and if necessary, program the "EMS2K DME" if it is not at the latest programmed number.

EMS2K DME	Transmission	Production	Basic DME	Programmed DME
	Auto	Up to 10/03	7527610	7567666
	Auto	10/03 to 7/04	7527610	7567668
	Auto	7/04 to 3/05	7542310	7567662
	Manual	Up to 7/04	7527610	7567666
	Manual	7/04 to 3/05	7542310	7567660

Does the Comprehensive Component OBD readiness monitor complete?

Yes – No further action is required

No – Proceed by replacing the “EMS2K DME” with a “MS5150 DME”

3. Program the newly installed “MS5150 DME,” by manual entry, with the appropriate numbers from the table below

MS5150 DME	Transmission	Production	Basic DME	Programmed DME
	Auto	Up to 10/03	7557395	7563202
	Auto	10/03 to 7/04	7557395	7563204
	Auto	7/04 to 3/05	7557395	7562634
	Manual	Up to 7/04	7557395	7563202
	Manual	7/04 to 3/05	7557395	7562632

## PARTS INFORMATION

When a DME replacement is necessary, be sure to request and invoice the part number specified and listed in this Service Information bulletin.

Part Number	Description	Quantity
12 14 7 557 395	Basic MS5150 DME control unit	1, if necessary

Performing a part number look-up in ETK/EPC by VIN or model may result with the wrong part being invoiced and installed.

## WARRANTY INFORMATION

For those affected vehicles that fail to pass a State Inspection and/or Emissions (I/M) for the issue described in this bulletin, reimbursement for performing the above DME repair procedure, one time, will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>1214900600</b>	<b>R50 R52 W10 US version of DME control unit (Readiness)</b>
---------------------	-------------------	---------------------------------------------------------------



Re-programming the “EMS2K DME” Only

--	--	--

Labor Operation:	Labor Allowance:	Description:
13 00 002	2 FRU	Work time to check the function of the Digital Motor Electronics (current status of the OBD readiness monitor for "Comprehensive Component") <b>(Main work)</b>
Or:		
13 00 002	1 FRU	Work time to check the function of the Digital Motor Electronics (current status of the OBD readiness monitor for "Comprehensive Component") <b>(Plus work – Vehicle is already in the workshop)</b>
And:		
12 14 715	6 FRU	Programming/encoding DME data status (includes connecting an approved battery charger/power supply and performing a vehicle test)
And:		
12 00 009	2 FRU	Work time to recheck the function of the Digital Motor Electronics (After programming status of the OBD readiness monitor for "Comprehensive Component" status)

And, if necessary, after performing the above:

**UPDATE!** Replacing the "EMS2K DME" with a "MS5150 DME"

Labor Operation:	Labor Allowance:	Description:
12 14 550	1 FRU	Replace control unit (DME)
And:		
61 99 000	3 FRU	<b>UPDATE!</b> Work time for programming/encoding control unit (DME)

Retain a copy of the VIN-specific failed State Inspection documentation in your files; this documentation may be requested by MINI during claim review process.

**UPDATE!** Work time labor operation codes 13 00 002, 12 00 009 and 61 99 000 are not considered a Main labor operations. Also, since the "work time" FRU allowances to be claimed are specified, separate punch times are not required. However, they still require an explanation on the repair order and in the claim comments section.

Posted: Friday, May 11, 2018

[ Copyright ©2018 BMW of North America, Inc. ]