



## MODEL

I12 (i8)
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## SITUATION

Fault Code "135608 - Valvetronic: No movement identified" stored in the Digital Motor Electronics (DME).

No customer complaint.

Malfunction Indicator Lamp (MIL) is not illuminated.

No symptoms of unsatisfactory engine operation are present.

## CAUSE

DME software erroneous fault, possibly set when charging plug was inserted.

## CORRECTION

Program and encode vehicle with ISTA 4.

## PROCEDURE

For conditions that are similar to the situation described:

1. Check the current integration level (I-Level) of the vehicle.

**Is the vehicle programmed to the I-Level listed below?**

Model	Target integration level:
<b>I12</b>	<b>17-11-500</b> or higher

**Yes-** continue diagnosis with ISTA 4, only if the MIL is illuminated with drivability complaints

**No -** program the vehicle using ISTA 4 to most current I-Level.



Note: A parts replacement does not provide a solution, and it is not needed.

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

**Always connect a BMW-approved battery charger/power supply (SI [B04 23 10](#)).**

## WARRANTY INFORMATION

Defect Code	1137099900	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
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 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)
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 and 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.