



This Service Information bulletin supersedes SI M12 16 14 **dated February 2015.**

NEW designates changes to this revision

SUBJECT

When Warm, Engine Fails to Start with Valvetronic Fault 135608 Stored

MODEL

F55 (4-door Hardtop)

F56 (2-door Hardtop)

With the B38M, B46M, and B48M engines

SITUATION

The engine cannot be started once it is already warm.

The Valvetronic (VVT) is fixed at a minimum lift position. The following fault is stored in the DME memory:

- 135608 – Valvetronic: No movement identified

NEW CAUSE

DME software error

CORRECTION

1. **NEW** The VVT must be manually released from the lower position by rotating the Valvetronic motor shaft 90° clockwise (as shown in the attachment).
2. **NEW** Program the vehicle using the latest version of ISTA/P (learning the VVT end stops five times is no longer necessary).

Target integration level: F056-15-03-500 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](#)).

Important notes:

In early versions of ISTA, an erroneous error stating that the lower limit was not learned, could occur when performing this learning service function.

This has been corrected with ISTA 3.46 and later.

If this fault occurrence has resulted in a breakdown, or if the customer states that the engine has not started (intermittently or permanently), the starter must also be replaced.

Also, during a **regular workshop visit** not based on a customer complaint, the starter must also be replaced if either of the following faults situations is found with ISTA:

1. DME fault 135608, “Valvetronic: No movement identified,” has occurred **10 times or more.**

Or:

2. BDC fault 8040B5, “Engine start fault when the starter is operated: Engine does not start when activated,” is stored **at the same time as DME fault 135608**, regardless of the number of occurrences.

On all vehicles with MSA, the Service Function to “register” a replacement starter must be performed:

Service Functions / 01 Engine / Engine start / Register starter exchange

NEW PARTS INFORMATION

Part Number	Description	Quantity
Refer to EPC	Starter	1, when needed

Also, refer to ETK and the repair instructions for onetime-use fasteners and component information regarding additional and/or replacement screws, gaskets, and seals that need to be installed and claimed.

NEW WARRANTY INFORMATION

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

Defect Code:	12 14 90 05 00	
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“Without” replacing the starter

Labor Operation:	Labor Allowance:	Description:
00 62 218	10 FRU	Performing “vehicle test” (includes connecting an approved battery charger/power supply), releasing the VVT system and programming and encoding the vehicle (Main Work).
Or:		
00 62 873	8 FRU	Performing “vehicle test” (includes connecting an approved battery charger/power supply), releasing the VVT system and programming and encoding the vehicle (Plus Work – Vehicle already in the workshop).

Or:

“With” replacing the starter motor, when necessary

Labor Operation:	Labor Allowance:	Description:
00 62 219	16 FRU	Performing “vehicle test” (includes connecting an approved battery charger/power supply), releasing the VVT system, programming and encoding the vehicle and replacing the starter motor (Main Work).
Or:		
00 62 874	14 FRU	Performing “vehicle test” (includes connecting an approved battery charger/power supply), releasing the VVT system, programming and encoding the vehicle and replacing the starter motor (Plus Work – Vehicle already in the workshop).

Vehicle Programming and Encoding

If a vehicle control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly and/or requires initialization, this additional work must be claimed with separate labor operations (refer to KSD2) under the defect code listed above.

Repairs to address control modules and/or components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

ATTACHMENTS

View PDF attachment [M121614 VVT Release](#).

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