

27-20-02TT Battery Adaptation – Battery Labels Missing

Release date:

10/13/2022

## Condition

ATTENTION:

THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN. TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Applicable Vehicles							
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To		
All	2015- <mark>2022</mark>	All	All	All	All		

Revision Table						
Instance Number	Published Date	Version Number	Reason For Update			
2061811/2	10/13/2020	27-20-02TT	Update model year applicability.			
2061811/1	12/18/2020	27-20-02TT	Original publication.			

# **Technical Background**

After replacing the battery on vehicles equipped with -*J367*- Battery Monitoring Control Module, it is necessary to adapt the battery to the vehicle. If the adaptation is not completed, the start/stop function will be inoperative. Additionally, charging system operation may be effected and various DTCs can result. In some instances, a new battery's label may be missing information needed to properly adapt the battery, or the label may be missing altogether.

### Service

First, locate the battery adaptation test plan through Guided Functions of Address Word 0019 (J533 - Data Bus on Board Diagnostic Interface) or the select self-test feature (Test Plan tab > Select self-test > Diagnosis-capable systems > 0019 - Data Bus On Board Diagnostic Interface > Battery Adaptation > Attach to test plan).

Should a replacement battery be missing its label, or the label is missing needed information, the battery can still be successfully adapted using other information. The following is needed:

- The Ampere Hour (Ah) rating of the battery. ETKA can be used to look up battery ratings.
- The battery manufacturer/vendor code. In the absence of a vendor code on the battery label, "JCB" can be used to complete the adaptation.
- The type of battery (EFB, EFB+, AGM, etc.).

This information can be entered manually during the adaptation test plan. When left blank, the serial number will autofill with the next sequence number of battery replacement.



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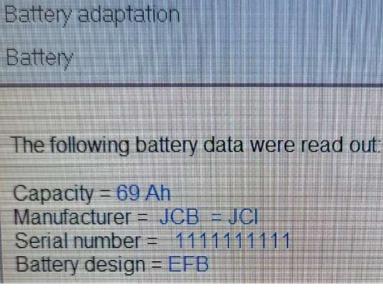


Figure 1: Example of battery information in the test plan, also showing the serial number auto-filled.



Figure 2: Example of the manufacturer/vendor code on the battery label.

# Additional Information

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