



Mercedes-Benz
The best or nothing.

star bulletin



Date: May 7, 2014
Order No.: S-B-54.10/263
Group: 54

SUBJECT: MY-All, Model 197 with Code P98 (Black Series), Model 205 with Code U98
(Lithium-Ion, and Models 217, 222.077/177/178/179)

Introduction of 12 V Lithium-Ion Battery

Handling 12 V Lithium Ion Batteries

Only chargers with a voltage limitation of maximum 14.4 V should be used to charge the battery.

Replacement of 12 V Lithium Ion Battery

The available battery capacities of 60 Ah and 80 Ah have the same battery housing. Before installation of a new lithium ion battery, check the new battery capacity by means of a cross-reference comparison of the battery label "New - Old". A lithium ion battery must not be replaced with an AGM battery. In emergency service any replacement of batteries at the breakdown location should be avoided due to transport regulations. If a jump start is not possible, tow the vehicle for detailed battery diagnosis.

Storage and Transport

Outside the vehicle the battery (undamaged) may only be stored and shipped in its original packaging (see external packaging). Because of their cell chemistry and weight the 12 V lithium ion batteries belong to hazard class 9, II and they must be treated in accordance with the national regulations with regard to transport, storage and disposal (recycling). Note here also the following other applicable documents AS54.10-Z-0001-04A, AH54.10-P-0004-01A and the packaging instructions (included in the scope of supply for the original packaging or for a new lithium ion battery). As with the known procedure for high-voltage batteries, the transport capability of a 12 V lithium ion battery is to be checked and documented before its transport, see: OF54.10-P-3000-13A.

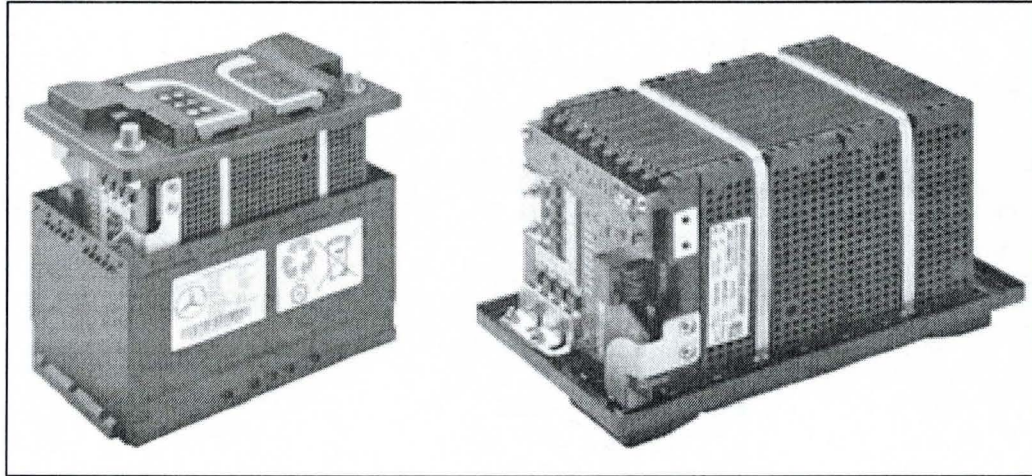
Parts Supply

Replacement batteries are to be ordered through Special Procurement. The return process for defective batteries is different depending if you are a DDS or Non-DDS dealer, please refer to the QEC Warranty Parts Return Dealer Guide for the process. All returns should use the original packaging that the replacement was sent in.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Records.

Feature

- Housing design with gray grasps and stylized edges
- LIN bus connection
- No stop plugs

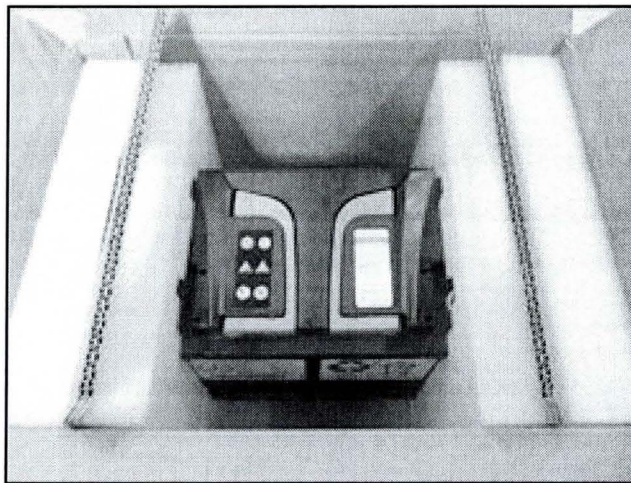


Battery Features

P54.10-3927-04

External Packaging

- B401023019
External packaging for 12 V lithium ion battery
- B408113021
Insert
- B400230128
Bag



WIS Documents

AS54.10-Z-0001-04A regarding risk of injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte or due to short circuit. Risk of burn injuries due to thermal changes. Risk of poisoning from swallowing battery electrolyte. Wear protective gloves, protective clothing, and safety glasses. In the event of escaping battery electrolyte, battery vapors, battery mist, smoke or heat development, secure the area, leave it, and alert the fire department.

AH54.10-P-0004-01A regarding notes for 12-V lithium-ion battery.

OF54.10-P-3000-13A regarding transport safety checklist for starter battery form