
Y1A 12V Battery Creates a Warning and Gateway Fault Code P1B0200

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	2020	Y1A	N/A	N/A

Revision History

Revision	Release Date	Changes
0	February 3, 2020	Original document

Condition

The customer reports a warning in the instrument cluster associated with the 12 V Li-ion battery. The workshop confirms this warning along with fault code P1B0200 in the gateway. This fault is active and cannot be cleared in this condition.

In addition, this condition is sometimes accompanied by the 12 V system being dead and many associated faults and failures. At other times the vehicle 12 V system appears to function normally.

Technical Background

The 12 V Battery has failed and set a permanent fault in this condition. Since the battery cannot be recovered, it must be replaced.

Service Information

The current solution is to attempt to charge and recover the battery according to workshop manual procedures and attempt to clear the fault code (P1B0200). If this does not work, replace the 12 V battery. Take the same measures as usual to order this part (including submitting a parts support ticket where necessary).

If the vehicle's 12 V system is also depleted (that is, the battery state of charge is low and the vehicle behaves as a dead vehicle), please perform a quiescent current test and submit the results in PQIS. When more information becomes available, we will update this document.

Taycan Li-Ion 12 V Battery Hints

- When charging the 12 V Li-ion battery, continue to charge for at least 30 minutes.
- The battery control unit is integrated in the battery including a contactor relay which opens the electric circuit inside the battery in case of overcharge, deep discharge or overheating.

Warranty

Please be sure to fully document your findings in PQIS.

Use the following PQIS coding:

Cause location: 27060 Vehicle electrical system battery

Cause symptom: 6047 Diagnostic error

Search Items

P1B0200, LiFePO4, lightweight

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