

Advanced Technical Information

Bulletin #: 2109.3

Part ID: 2706

2

Critical 12V Li-ion Battery Recycling

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
911 Carrera	As of 2020	992	N/A	Lithium-ion 12V battery (I-no. J2A)
Cayenne	As of 2019	9YA/ 9YB	N/A	N/A
Taycan	As of 2020	Y1A	N/A	N/A
918 Spyder	2015	918	N/A	N/A

Revision History

Revision	Release Date	Changes
0	May 7, 2021	▪ Original document
1	December 3, 2021	▪ Updated to include both warning and normal 12 V Li-ion battery recycling
2	March 6, 2024	▪ Update of recycling partner information
3	August 28, 2026	▪ Update to Service Information

Condition

The 12 V Li-ion starter battery voltage is too low and the contactor has opened. From the customer's standpoint, the vehicle battery is dead. The workshop confirms this condition.

Technical Background

The workshop will recycle this 'dead' battery in different ways, depending on if the technician classifies the battery as **warning** or **normal**.

For important information about classification, please see relevant workshop manuals.

Service Information

If you need to recycle the 12 V vehicle battery and you classify the battery as normal, please recycle the battery using the steps listed for the Redwood Recycling Portal on the PPN page at <https://ppn.porsche.com/portal/docs/DOC-466031>

If you classify the 12 V vehicle battery as **warning**, it may be possible to correct the fault and recover the battery. Store the battery in a safe manner and in a safe location. (See applicable workshop media for tips.)

Follow these steps:

Try to close the contactor with the battery outside the vehicle

1. Connect the battery to the Deutronic charger VAS 5908 and supply power to the battery. Wait 30 seconds for the contactor to close. (You will hear a click if it closes.)
 - a. If the contactor closes, reclassify the battery.
 - b. If the contactor does not close, proceed to step 2.
2. Wait 48 hours.
3. Reconnect the battery to the Deutronic charger VAS 5908 and try to close the contactor again.
 - c. If the contactor closes, reclassify the battery.
 - d. If the contactor does not close, proceed to step 4.

The battery is in warning status and you cannot close the contactor. It is irrecoverable. Document the battery status and prepare to ship it to the recycler.

4. Request appropriate warning battery packaging in the Redwood Materials portal linked at <https://ppn.porsche.com/portal/docs/DOC-466031>
5. Redwood will schedule the shipment of the container and provide packing and pickup instructions.

See also:

WM, 2X00IN Packing 12-volt lithium-ion battery with battery status "Warning" (critical)

TI, 2700 Information - Handling 12-Volt Lithium-Ion Batteries (Vehicle Electrical System Battery) (31/20)

Search Items

Recycling, disposal, scrap, warning, 12 V, 12V, LiFePO, LiFePO4, starter

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.