



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
ID.4	2021	All	All	All	All

Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2062985/1	4/9/2021	27-21-02TT	Original publication.

How to perform a 12V battery capacitive discharge on an ID.4

Technical Background

With the introduction of the ID.4, the 12V battery capacitive discharge procedure is unique. This is due to the potential of 12V battery charging occurring by the Voltage Converter -**A19**-, while the 12V battery cables are being disconnected. Simply removing the 12V battery cables may lead to arcing if the positive and negative cables touch.

Service

To perform a capacitive discharge on an ID.4 vehicle, perform the following:

- Remove the negative cable from the 12V battery, leaving the positive cable in place.
- Press and release the brake pedal briefly.
- Wait 15 minutes. You may also listen for the high voltage relays/contactors to switch off as the relays may make an audible click noise that indicates they are open. This usually happens after 2 minutes of time has elapsed. This indicates that the Voltage Converter -**A19**-, has stopped charging the 12V battery.
- Once the capacitive discharge has been completed, reconnect the negative battery cable
- Do not touch the 12V battery positive and negative cables together for any reason

Additional Information

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