

Disconnecting and connecting batteries

Procedure for disconnecting batteries

This procedure must be strictly followed.

1. Switch off ignition and all electrical consumers and remove ignition key.
2. Wait 60 seconds - Disconnect starter **battery** in luggage compartment on right (see below).
3. Disconnect main system **battery** in luggage compartment on left (see below).

Caution:

If the sequence is not followed, the pyrotechnical **battery** isolator may be triggered and the electrical equipment in the vehicle damaged.

The **battery** isolation igniter for Continental GT and Continental Flying Spur is shown on the left hand side, and for Continental GTC on the right.

 091501w0060

Disconnecting starter **battery** in luggage compartment on right

Warning:

To increase crash safety, the starter **battery** in the luggage compartment on the right is equipped with a **battery** isolator. In an accident, the air bag control module triggers a charge disconnecting the voltage supply wire to the starter. **Battery** isolation is performed pyrotechnically, with a very small explosive charge. To avoid accidentally triggering the charge when working on the **battery** or the **battery** isolator, you must always disconnect the **battery** earth on the negative terminal of the starter **battery** first.

Remove right hand luggage compartment carpet panel. (refer to bin: 0867)

Continental GT and Continental Flying Spur

Disconnect **battery** clamp (1) from **battery** negative terminal post.

Disconnect **battery** clamp (2) from **battery** positive terminal post.

 091501w0005

Continental GTC

Disconnect the negative terminal (1) of the starter **battery**.

Warning:

On Continental GTC cars a separate positive cable (3) from the starter **battery** to the starter **battery** fusebox is fitted. This cable remains live when disconnected from the starter **battery** until the main **battery** is also disconnected. When disconnected take care not to cause a short circuit or allow the cable to come in contact with the air bag connector (7).

Remove the fixing (2) and disconnect the red starter **battery** fusebox cable (3) from the **battery** near to the positive terminal.

Lift up the plastic cover (4) to access the positive **battery** terminal, and loosen the clamping nut.

Lift off the **battery** isolation igniter (5) and attached starter cable (6).

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Disconnecting main system **battery** in luggage compartment on left

Disconnect starter **battery** in luggage compartment on right (see above).

Remove left hand luggage compartment carpet panel. (refer to bin: 0867)

Disconnect **battery** earth lead (1) at **battery** negative terminal.

Disconnect the **battery** positive cable (2) at **battery** positive terminal. Remove main system fusebox. (refer to bin: 0937)

 091501w0006

Connecting batteries

This procedure must be strictly followed.

1. Connect main system **battery** in luggage compartment on left.
2. Connect starter **battery** in luggage compartment on right.

Caution:

If the sequence is not followed, the pyrotechnical **battery** isolator may be triggered and the electrical equipment in the vehicle damaged. The procedure for connecting batteries must be strictly followed.

Connecting main system **battery** in luggage compartment on left

This procedure must be strictly followed

1. Switch off ignition and all electrical consumers and remove ignition key.
2. Fit positive terminal clamp onto **battery** positive terminal.
3. Only after securing positive terminal clamp, fit negative terminal clamp to negative terminal on **battery**.

Warning:

On Continental GTC cars, the positive cable from the starter **battery** to the starter **battery** fusebox will be live once the main systems **battery** is connected.

Installation:

Tighten **battery** positive terminal clamp securing bolt.

Tighten securing bolt of **battery** negative terminal. (refer to table: torq_091501_by614_01)

Caution:

Battery terminal clamps must only be fitted by hand without force, this prevents damage to **battery** housing. (Do not use mallet or hammer).

Battery terminals **must not be greased**.

Connecting starter **battery** in luggage compartment on right

1. First switch off ignition and all electrical consumers and remove ignition key.
2. Connect **battery** in luggage compartment on left. (refer to bin: 0915)
3. Fit positive terminal clamp onto **battery** positive terminal and the cable to the starter **battery** fusebox on Continental GTC cars.
4. Only after securing positive terminal clamp, fit negative terminal clamp to negative terminal on **battery**.

Installation:

Tighten **battery** positive terminal clamp securing bolt.

Tighten **battery** negative terminal clamp securing bolt. (refer to table: torq_091501_by614_01)

Caution:

Battery terminal clamps must only be fitted by hand without force, this prevents damage to **battery** housing.

Battery terminals must not be greased.

Steps after connecting batteries

1. Switch Ignition on and off again with ignition key - Read fault memory.
2. Perform Guided functions/Component replacement using VAS 5052. Read, interrogate and clear fault codes. (refer to bin: 0909)
3. Initialise Electric windows. Refer to side glass - To initialise. (refer to bin: 0845)
4. Initialise sunroof (if fitted). (refer to bin: 0877)
- 5a.(2 door cars) Initialise front seats. (refer to bin: 0881)
- 5b.(4 door cars) Check seat memories have been retained. Reinitialise individual seats as necessary.
 - Front seats (refer to bin: 0881)
 - Rear seats (refer to bin: 0885)
6. Perform zero calibration on steering angle sensor using [VAS 5052], Refer to Diagnostic system - Guided functions. (refer to bin: 0909)
7. Check all electrical consumers are functioning correctly.