

# Vehicle battery

3. Connect one end of the negative (Black) jump lead to the negative terminal on the donor vehicle's battery.
4. Connect the other end of the negative jump lead to a suitable earth point on the disabled vehicle. The earth point should be at least 0.5 metres (20 inches) away from the battery, and as far as possible from any fuel or brake pipes.

**Note:** Check that all leads are clear of any moving components, and that all 4 connections are secure.

5. Start the engine of the donor vehicle, and allow it to idle for a few minutes.
6. Start the engine of the disabled vehicle.  
**Note:** Do not switch on any electrical circuits on the previously disabled vehicle, until after the jump leads have been removed.
7. Allow both vehicles to idle for a few minutes.
8. Switch off the donor vehicle.
9. Disconnect the negative (Black) jump lead from the previously disabled vehicle.
10. Disconnect the negative (Black) jump lead from the battery of the donor vehicle.
11. Disconnect the positive (Red) jump lead from the previously disabled vehicle.
12. Disconnect the positive (Red) jump lead from the donor vehicle.

## CONNECTING A STARTING AID

To start the vehicle using a starting aid or a slave battery, follow the instructions in the sequence given.

1. Connect the positive (Red) jump lead to the positive battery terminal of the disabled vehicle.
2. Connect the negative (Black) jump lead to the ground (-) terminal of the battery.

3. Start the engine and allow it to idle.
4. Disconnect the negative (Black) jump lead from the battery terminal of the vehicle.
5. Disconnect the positive (Red) jump lead from the battery terminal of the vehicle.

## REMOVING THE VEHICLE BATTERY



**Switch the ignition off before disconnecting battery terminals. Always disconnect the negative terminal first and reconnect last.**



**Use caution when lifting the battery out of, or into, the vehicle. It is heavy, and may cause injury when lifting, or if dropped.**



**Do not tip the battery when lifting or moving as tilting the battery more than 45 degrees may damage the battery, and may cause the electrolyte to leak out. Battery electrolyte is highly corrosive, and toxic.**



**Do not rest the battery on any part of the vehicle as it may cause damage due to its weight.**



**Do not run the engine with the battery disconnected. Doing so may damage the charging system.**

1. Ensure that all electrical circuits are switched off, all windows are closed, and the alarm is disarmed.
2. Remove the remote control from the vehicle and wait two minutes to allow the systems to power down fully.
3. Undo the negative clamp, and lift the cable and clamp clear of the battery terminal.
4. Undo the positive clamp, and lift the cable and clamp clear of the battery terminal.
5. Undo the battery clamp and lift the battery clear of the vehicle.