

## EFFECTS OF DISCONNECTING

Disconnecting the battery can affect a number of vehicle systems, especially if there is insufficient battery power prior to disconnection. For example, the alarm may trigger depending on its state when the battery was disconnected. If the alarm does sound, use the remote control in the normal way to disarm the security system. The windows may need recalibrating to operate correctly.

## CHARGING THE VEHICLE BATTERY

### **⚠ WARNING**

Ensure that the correct type and rating of charger is used. Using an unsuitable charger may damage the battery, and could cause the battery to explode.

### **⚠ WARNING**

Always charge the battery in a well ventilated area away from any naked flames, sparks or other ignition sources. During charging the battery can produce a highly explosive and flammable gas.

### **NOTICE**

*The battery must be disconnected and removed from the vehicle before charging. Failure to do so could result in damage to the vehicle's electrical system.*

### **NOTICE**

*Always follow the instructions supplied with the battery charger. Failure to do so may result in damage to the battery.*

1. Disconnect the battery and remove it from the vehicle.
2. Connect the battery charger in accordance with the charger manufacturer's instructions.
3. Once the charge is complete, switch off the power to the charger.

4. Disconnect the charger cables from the battery.
5. Allow the battery to stand for an hour before connecting to the vehicle. This will allow any explosive gasses to dissipate, and reduce the risk of explosion.

## REPLACING THE VEHICLE BATTERY

### **⚠ WARNING**

Only install a battery of the same type and rating. Installing an incorrect battery may result in a fire and injury, or damage to the electrical system. If you are in any doubt when installing a battery, seek qualified assistance.

### **⚠ WARNING**

When refitting the battery ensure that no metal objects, or vehicle components, come into contact with the battery terminals.

### **NOTICE**

*Ensure that when fitting a battery to the vehicle, the terminals and battery clamps are clean, and lightly coated with petroleum jelly. This will ensure good electrical connections are made, and help to prevent corrosion.*

### **NOTICE**

*Always follow the battery manufacturer's instructions. Failure to do so may result in damage to the vehicle and/or the electrical system.*

### **NOTICE**

*If the battery leads are connected to the wrong terminals, the electrical system may be damaged.*

A new battery should be supplied with plastic terminal covers. Leave the covers in place when fitting the battery, and remove them one at a time to fit the battery cable clamps.

Refitting is an exact reversal of the removal procedure. If you are in any doubt about fitting a battery, seek qualified assistance beforehand.



Used batteries must be disposed of correctly as they contain a number of harmful substances. Seek advice on disposal from your Land Rover Retailer/Authorized Repairer and/or your local authority.