

Battery Isolation Transit Relay

A transit relay is fitted to the battery. This allows the vehicle to be driven when necessary, but isolates the battery from the vehicle during transit and storage preventing the battery becoming discharged. The engine will not crank unless the ignition key is moved from position **II** to position **III** very quickly (within 40 milliseconds). In the event of it not cranking, turn the ignition key to position **I** then quickly through position **II** to **III**.

The 'Easy Open' door feature requires that the windows drop sufficiently to clear the door seal whenever a door is opened. During transit, the fuses (25A) protecting the door modules are removed. To allow for door opening during transit, a two-way connector from the transit relay ensures that the window drop occurs.

When the transit relay is finally removed, the fuses **MUST** be refitted. These 25A fuses are stowed, one each, in the passenger's and driver's fuse boxes, located at either end of the fascia.

The transit relay should remain fitted to the battery until within 24 hours of the handover to the customer, in order to reduce battery drain.

If the vehicle is NOT to be handed over to a customer within a period of 24 hours of completion of the PDI, a Transit Relay Test Lead (Part No. LJA 3075 BF) MUST be fitted to allow the PDI to proceed.

Under **NO** circumstances should **ANY** means, other than the Test Lead, be used to bridge the Transit Relay.

The Transit Relay Test Lead **MUST** be removed after the completion of the PDI, and stored for further use.

Under **NO** circumstances should the vehicle be transported with the Transit Relay Test Lead fitted.

To Fit the Transit Relay Test Lead

- 1 Disconnect the Blanking Plug from the Accessory Harness.
- 2 Fit the Transit Relay Test Lead (Part No. LJA 3075 BF) from the 3-way connector to the Transit Relay single blade.

The PDI checks specified in this document can be carried out with the transit relay fitted and the ignition switched on (where applicable). The ignition should not be left on for extended periods.

To Remove the Transit Relay

- 1 Ensure the ignition switch is turned off.
- 2 Ensure that the door windows are open to avoid damage to door glass or seals if a door is used while the battery is disconnected.
- 3 Open the luggage compartment and remove the floor panel(s).
- 4 Disconnect the negative lead from the battery.

- 5 Disconnect the positive lead from the Transit Relay.
- 6 Disconnect the transit relay from the battery.
- 7 Disconnect the two-way connector from the Transit Relay.
- 8 Refit the Accessory connector blanking plug upon removal of the Test Lead.
- 9 Refit and secure the positive then the negative battery leads. Because of the semi-flexible nature of the battery leads, care should be taken to align the hexagonal nut for spanner accessibility. Tighten the pinch bolts to a torque of **3 – 4 Nm**.

Note:

It is essential that all leads are safely, securely and neatly stowed away: use tape or fixing straps as necessary. The Transit Relay must be returned through the Warranty Recovery procedure.

Battery Terminal Cover

When the transit relay has been removed, fit the plastic battery terminal cover.

