



# Fitting Instructions and Parts List

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### **NOTE**

The Manufacturers reserve the right to vary their specifications with or without notice and at such times and in such manner as they think fit. Major as well as minor changes may be involved in accordance with the Manufacturers' policy of constant product improvement.

Whilst every effort is made to ensure the accuracy of the particulars contained in this Fitting Instruction, neither the Manufacturers nor the Distributor or Dealer by whom this Fitting Instruction is supplied shall in any circumstances be held liable for any inaccuracy or the consequences thereof.

**SUBJECT:** FITTING HAZARD WARNING SYSTEM

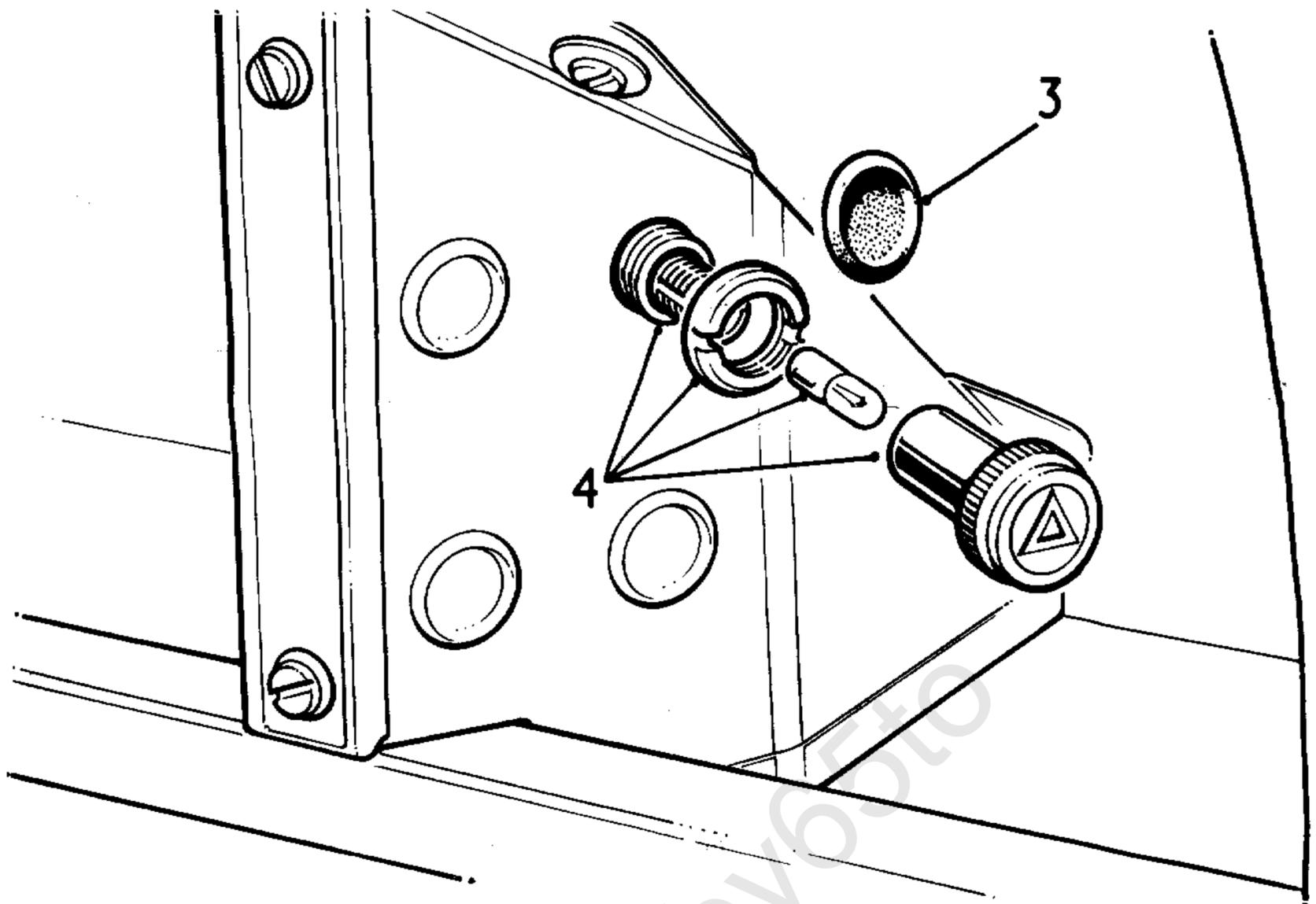
**MODEL:** Land-Rover Series III 88 and 109 2½ Petrol and Diesel and 2.6 litre Petrol.

**BRIEF DESCRIPTION:** The hazard warning system comprises a switch incorporating an indicator lamp, cable assembly and flasher unit, and is connected into the vehicle direction indicator lamp circuit. With the hazard warning device switched 'On', all direction indicator lamps will flash in unison.

Note that this kit does not include the auxiliary switch panel for mounting the hazard flasher switch, as this panel is used in conjunction with certain other optional equipment, and may already be fitted. The panel concerned fits in the centre of the dash between the parcel tray and the padded top rail. If necessary, obtain and fit the correct panel, available as a kit, Part No. 320837 RH Stg or 320838 LH Stg.

**PARTS REQUIRED:** HAZARD WARNING SYSTEM

comprises		607698
Description	Qty	Part No.
Hazard flasher switch	1	90575281
Hazard flasher unit	1	575273
Mounting clip for hazard unit	1	567959
Cable assembly	1	579392



**Fig. 1. Fitting hazard flasher switch 575281 to the auxiliary switch panel**

**PROCEDURE:**

1. Prop open the bonnet.
2. Disconnect the battery earth lead.
3. Remove the blanking plug from one of the switch location holes in auxiliary switch panel, at the centre of the dash.
4. Fit hazard flasher switch 90575281 to the auxiliary switch panel.
5. Connect cable assembly 579392 to the harness from the hazard flasher switch.
6. Ease the back of the parcel tray away from the dash by prising out the peg retainers.
7. Remove the upper half of the switch shroud from the steering column.
8. Remove the securing screws and ease the instrument panel forward.
9. Disconnect the harness from the combined indicator, headlight and horn switch at the plug connector.
10. Pass the free end of cable assembly 579392 around the back of the instrument housing, and connect the two plug connectors to the plug connectors previously disconnected in the combined indicator, headlight and horn switch harness.
11. Fit mounting clip for hazard unit 567959 to the top inside face of the instrument housing, using one of the instrument housing securing screws.
12. Fit hazard flasher unit 575273 to the mounting clip.
13. Connect the remaining leads from cable assembly 579392 as follows:
  - a. The light green/pink lead to hazard flasher unit terminal 'L'.
  - b. A brown lead to hazard flasher unit terminal 'B'.

- c. The green/yellow lead to vehicle flasher unit terminal 'B'.
- d. The green lead to 7-8 fuse box terminal.
- e. A brown lead to 1-2 fuse terminal.
- f. The black lead to the fixing clamp of the main three-in-one instrument.

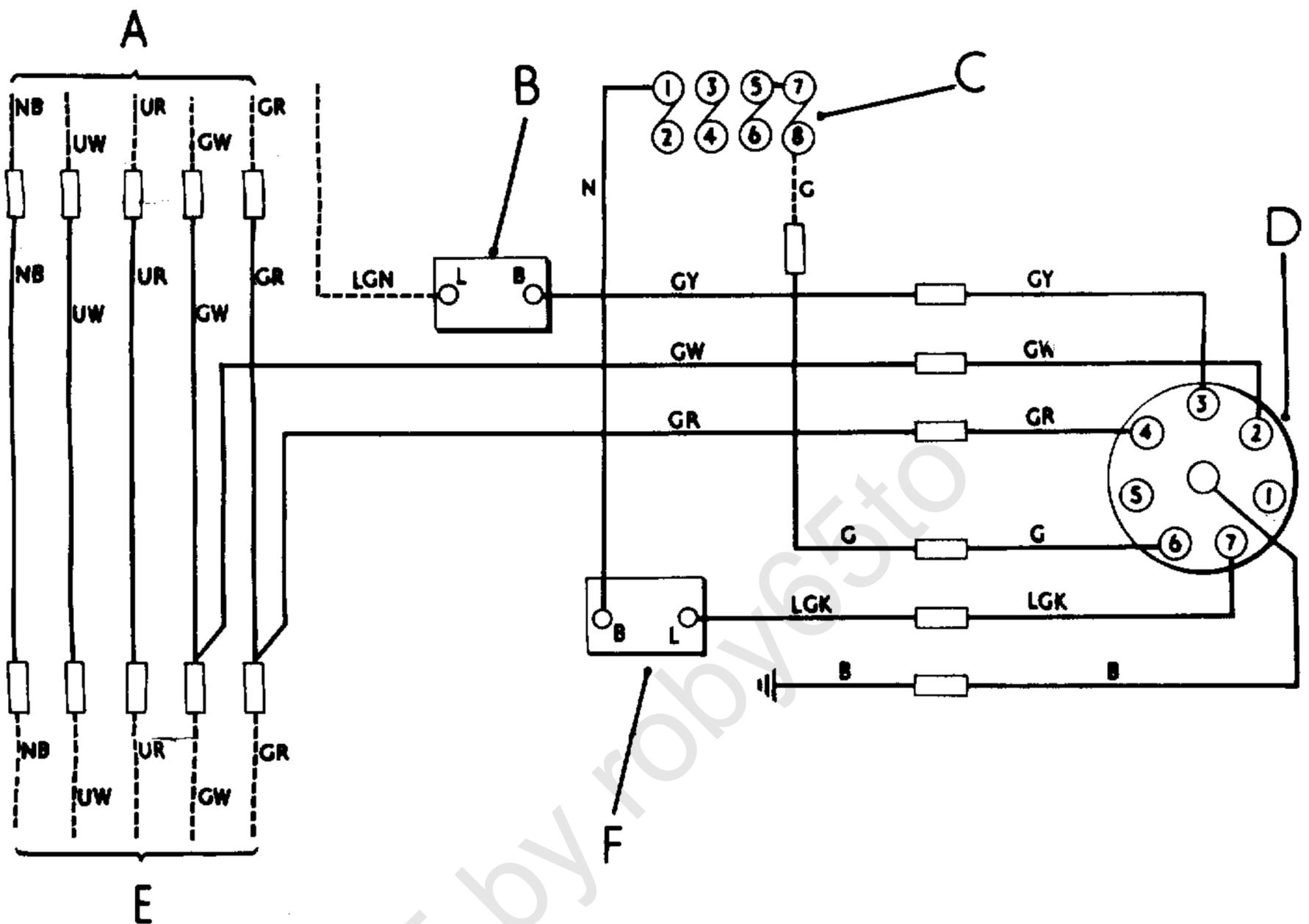


Fig. 2. Circuit diagram for hazard warning system

- A – Harness to combined indicator, headlight and horn switch
- B – Vehicle flasher unit
- C – Vehicle fuse box
- D – Hazard warning switch
- E – Original harness disconnected from the combined indicator, headlight and horn switch
- F – Hazard flasher unit

Dotted lines are existing leads

Full lines are new leads

- |                        |            |
|------------------------|------------|
| Lead colours: U – Blue | Y – Yellow |
| N – Brown              | W – White  |
| G – Green              | K – Pink   |
| R – Red                | L – Light  |
| B – Black              | D – Dark   |

14. Locate the harness between the hazard flasher switch and the instrument housing beneath the back of the parcel tray and secure the parcel tray rear fixings.
15. Refit the instrument panel.
16. Refit the switch shroud to the steering column.
17. Reconnect the battery earth lead and close the bonnet.
18. Operate the hazard flasher switch and check that all four direction indicator lamps flash in unison. Switch off the hazard warning system.