

**TRUCK UTILITY LIGHT GS CARGO, LANDROVER SERIES 3  
INSTALLATION OF 'SANTON' BLACKOUT LIGHT SWITCH  
UNIT REPAIR**

**Introduction**

1. This instruction details the fitting of the SANTON Blackout Light Switch to the series 3 Landrover, when supplies of the LUCAS Blackout Light Switch are exhausted.
2. The colour coding of wiring looms varies from model to model, therefore care must be taken when connecting the SANTON Blackout Light Switch. (Table 2 refers).

**General**

3. **Estimated Manhours to Perform.** 2.0 (initial planning only).
4. **Priority.** 2.
5. **Vehicles Affected.** All subject equipments.
6. **Item Affected.** Lucas Blackout Light Switch. Superseded by SANTON Blackout Light Switch DSN 5930-66-033-5725.
7. **Action Required.** By RAEME units authorised to carry out unit field and base repairs.

**TABLE 1 – STORES REQUIRED** (To be demanded through normal supply channels)

Item	DSN	Designation	Qty per Equip
1.	5330-99-850-0226	WASHER COPPER	1
2.	5930-66-033-5725	SWITCH ROTARY 'SANTON'	1

8. **Stores Removed.** Lucas Blackout Light Switch.

**Detail**

9. Proceed as follows:
  - a. Disconnect the vehicle battery.
  - b. Remove the blackout switch panel and LH mounting plate.
  - c. Note the colour of the switch electrical leads and terminal numbers. Disconnect the leads from the existing LUCAS blackout switch and connect them to the SANTON blackout switch in accordance with Table 2.
  - d. Remove the existing LUCAS blackout switch from the panel and discard.
  - e. Drill holes C and E as shown in Fig 1, using SANTON Mounting Plate as a Template.
  - f. Mount the SANTON switch in the panel.
  - g. Replace the LH mounting plate and blackout switch panel.
  - h. Reconnect the vehicle battery.
  - i. Check normal and blackout light functions for correct operation.
  - j. Set blackout switch to normal.

**TABLE 2 – SANTON BLACKOUT LIGHT SWITCH CONNECTIONS**

Cable Colour	Connect to Terminal	From	Remarks
N Thick	2	Term 10 old SW	Main feed from battery
N Thin	2	Term 10 old SW	MAP Light switch feed
U	2	Term 10 old SW	NATO plug feed
UN	B1	Term 11 old SW	Feed to H/lamp SW
G	B2	Term 8 old SW	Feed to blackout lights rear
RY	B2	Term 8 old SW	Feed to blackout lights front
Y	1	Term 2 old SW	Refer Veh G 307-6
GB	A1	Term 1 old SW	Refer Veh G 307-6

Legend: N = Brown, U = Blue, G = Green, R = Red, Y = Yellow, B = Black.

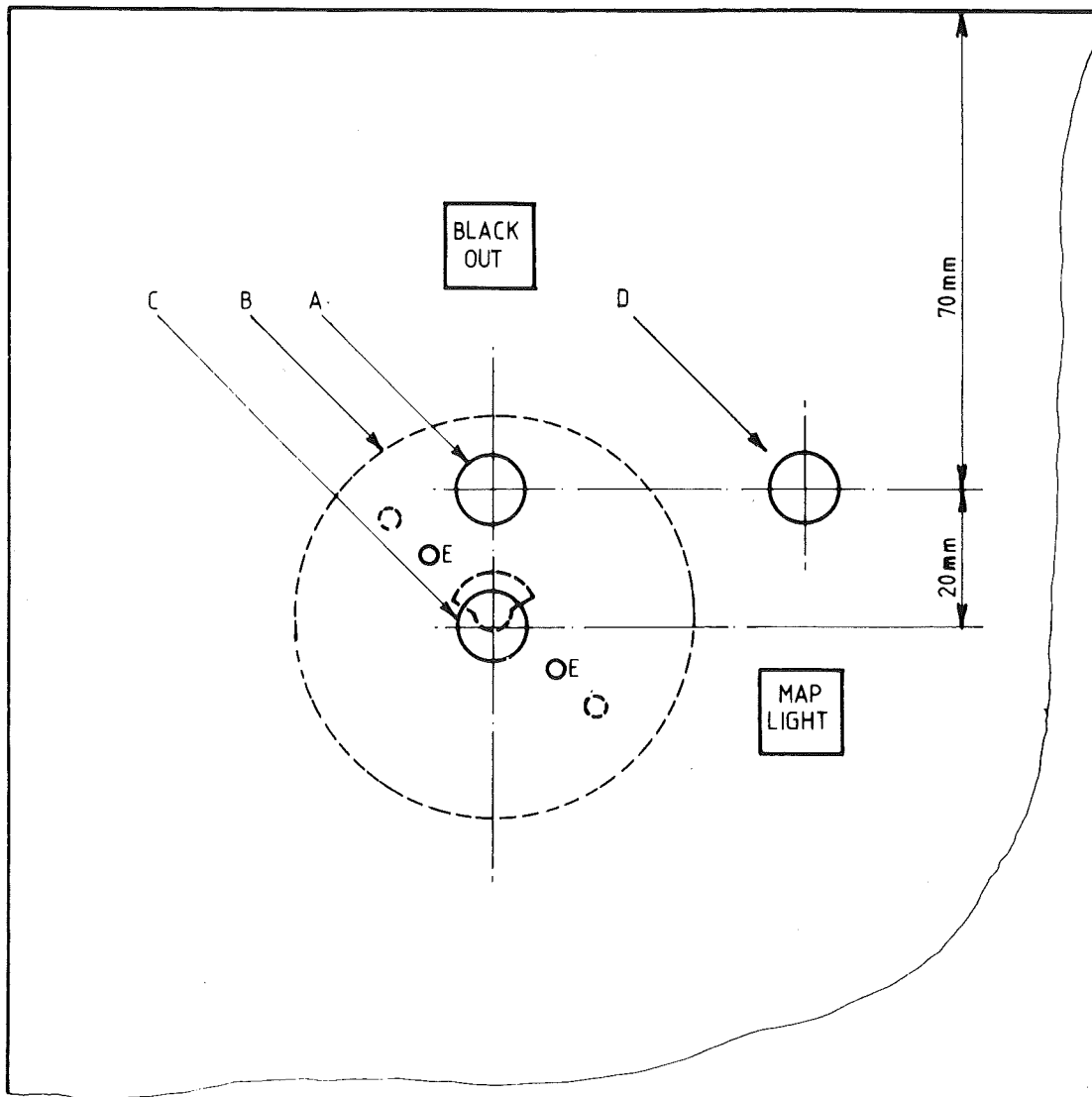


FIG 1 - MOUNTING HOLES - BLACKOUT SWITCH PANEL

Legend:

- A. Existing blackout switch mounting hole
- B. SANTON blackout switch mounting plate
- C. 9 mm hole drilled to facilitate mounting of the SANTON blackout switch
- D. Existing Map Light Switch hole
- E. 5 mm hole drilled to facilitate the SANTON blackout switch mounting screws

E N D