



Jaguar and Rover Triumph
Parts & Accessories
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FITTING INSTRUCTIONS

Publication RTC 1184

Issue 1 June 1975

TWIN REVERSING LAMPS

Kit Part No. RTC 1181

for the

LAND-ROVER

SERIES III

UNIPART

TWIN REVERSING LAMPS KIT. PART NO. RTC1181.

BRIEF

DESCRIPTION: The kit consists of two circular reverse lamps, located in the rear body panels, a gear lever mounting bracket which replaces the existing bracket and accepts a switch which is operated when engaging reverse gear and automatically operates the reverse lamps.

Kit comprises:

<u>Description</u>	<u>Qty</u>	<u>Part No</u>
Mounting bracket for gear change	1	594150
Reverse lamp	2	589435
Switch	1	575166
Shakeproof washer (switch to mounting bracket)	1	70823
Lead, fuse unit to switch	1	589792
Lead, switch to rear junction	1	589793
Earth clip	2	236366
Lead interconnecting reverse lamps	1	589513
Cleat, leads to rear body	7	240429
Clip, lead to gear lever mounting bracket	1	219676
Clip, lead to bell housing	1	50642
Striker reverse light switch	1	593966

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 Manufacturer's policy of constant product improvement.

Whilst every effort is made to ensure the accuracy of the particulars contained in this Fitting Instruction, neither the Manufacturer 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.

PROCEDURE:

1. Prop open bonnet.
2. Disconnect battery leads.
3. Remove the three gear lever knobs and locknuts, remove screws and washers and raise centre floor section.
4. Remove existing gear lever mounting bracket and discard.
5. Fit striker plate, Part No. 593966, to the top of the reverse gear spring loaded gate lever and secure using the existing adjusting screw and nut, ensuring that after securing the striker, the reverse gear gate operates.
6. Fit the new gear lever mounting bracket, Part No. 594150, together with reverse lamp switch, Part No. 575166, and shakeproof washer, Part No. 70823. Screw the reverse lamp switch into the tapped hole in the bracket two or three threads and leave loose at this stage.
7. Refit gear lever assembly to gearbox.

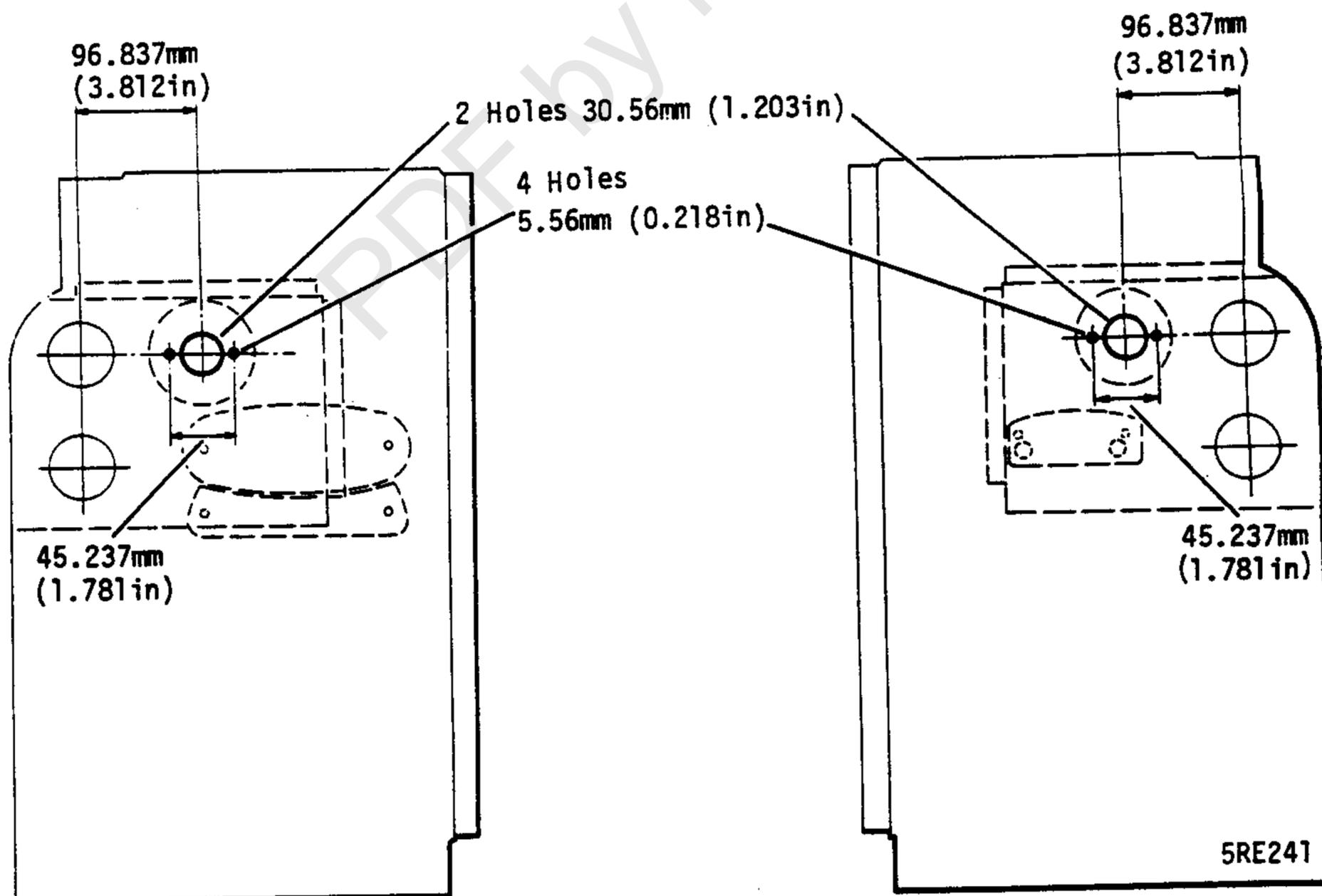


FIG.1
DRILLING INSTRUCTIONS FOR SECURING LAMPS TO BODY

8. From the centre line of the rear indicator lamps and 96.837 mm (3.812") towards the centre of the vehicle on a horizontal plate, mark the body. Using this point as a centre, drill and open out to 30.56 mm (1.203") diameter to accept the reverse lamps. See Fig.1.
9. Remove the lamp plastic lens and using the lamp body as a template, drill two holes 5.56 mm (.218") diameter in each panel.
10. Secure the lamp bodies to the rear panels using the studs, nuts and shakeproof washer supplied. Refit lamp glasses.
11. Remove the right and left hand rear lamp cover panels from inside the body secured with screws, nuts and washers.

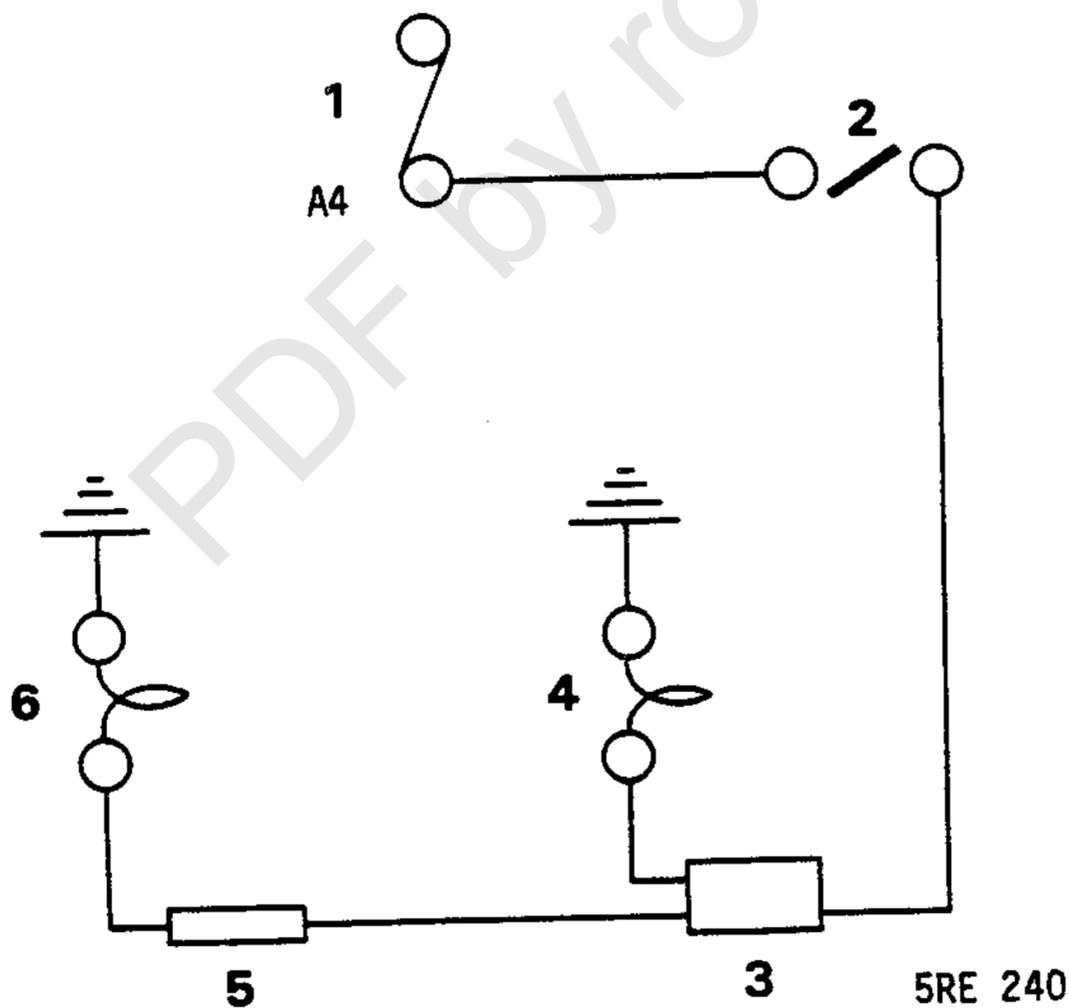


FIG.2. CIRCUIT DIAGRAM FOR REVERSE LAMPS

- | | |
|------------------------|---------------------|
| 1. Fuse unit | 4. RH reverse lamp |
| 2. Reverse lamp switch | 5. Single connector |
| 3. Two way connector | 6. LH reverse lamp |

12. Using lead, Part No. 589513, interconnect the two reverse lamps. Secure this lead to the chassis using cleats, Part No. 240429.
13. Connect the black lead from each reverse lamp to earth using additional connectors, Part No. 236366, if necessary.
14. From one side of the reverse lamp switch, connect lead, Part No. 589793, route the cable inside the right hand chassis member along with the main harness and emerge through the grommet at the right hand rear corner. Connect the cable to double snap connector where the reverse lamps have been interconnected. Secure lead where necessary, using cleats, Part No. 240429.
15. From the other side of the reverse lamp switch, connect one end of lead, Part No. 589792, and route the lead up to A4 terminal on the fuse box and connect. Secure this lead to bell housing using clip, Part No. 50642.
16. Secure leads, Part Nos. 589792 and 589793 to mounting bracket using clip, Part No. 219676.
17. Reconnect the battery leads, switch on the ignition or services and test the installation. The reverse lights should operate when reverse gear is engaged.
18. If the reverse lights do not operate when reverse gear is engaged, the switch must be adjusted by first removing the two leads and turning the switch clockwise until it makes contact with the gear lever. Re-connect the two leads and lock the switch in position by means of shakeproof washer and locknut.
19. Refit centre floor section and gear lever knobs.
20. Refit the right and left hand rear lamp cover panels to the inside of the body.

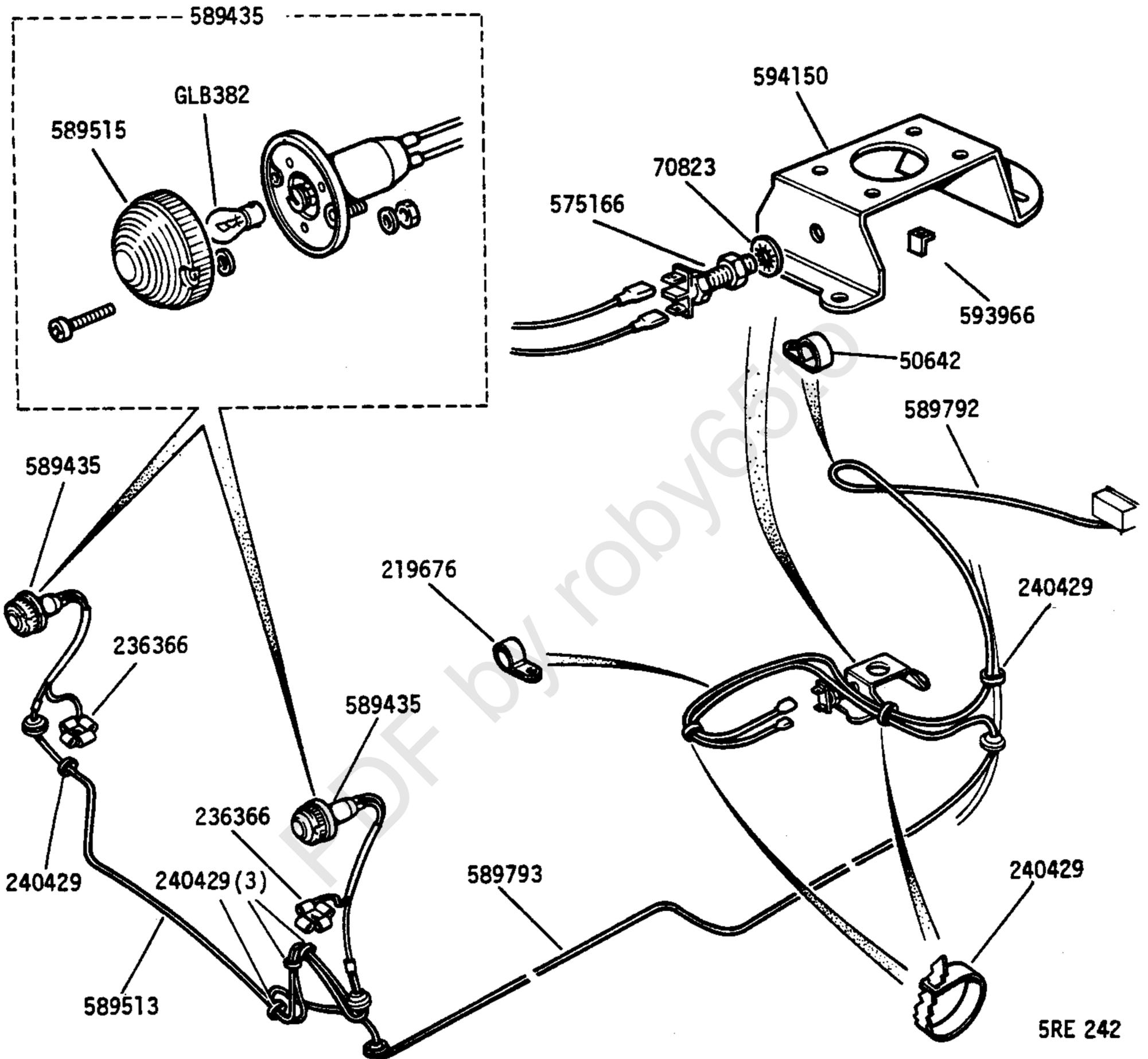


FIG.3. Pictorial arrangement of reverse lamp kit