

# Jaguar Rover Triumph Inc.

## (FOGLIGHT INSTALLATION INSTRUCTIONS)

TOOLS NEEDED: Drill, 7/16" drill bit, normal hand tools

### HARDWARE KIT:

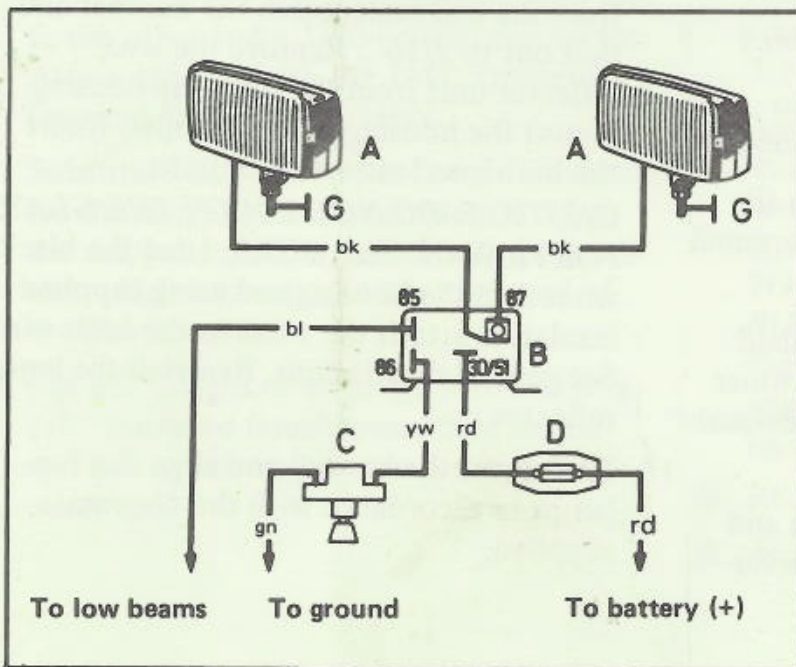
- |                                   |   |
|-----------------------------------|---|
| 5 Uninsulated female connectors   | 3 Piggy back connectors                       |
| 7 Insulated female connectors     | 1 Sheet metal screw                           |
| 3 3M connectors                   | 4 Washers                                     |
| 1 Eyelet                          | 2 Insulation sleeves                          |
| 2 Crimp connectors                | 1 Rubber grommet                              |
| 4 Bullet connectors               | 1 Wiring harness with relay and toggle switch |
| 2 Female double bullet connectors | 2 Halogen bulbs                               |

*Not all the hardware is necessarily used for each model.*

**NOTE:** Toggle switch not necessary for British Leyland vehicles.

Left and right determined from driver's seat.

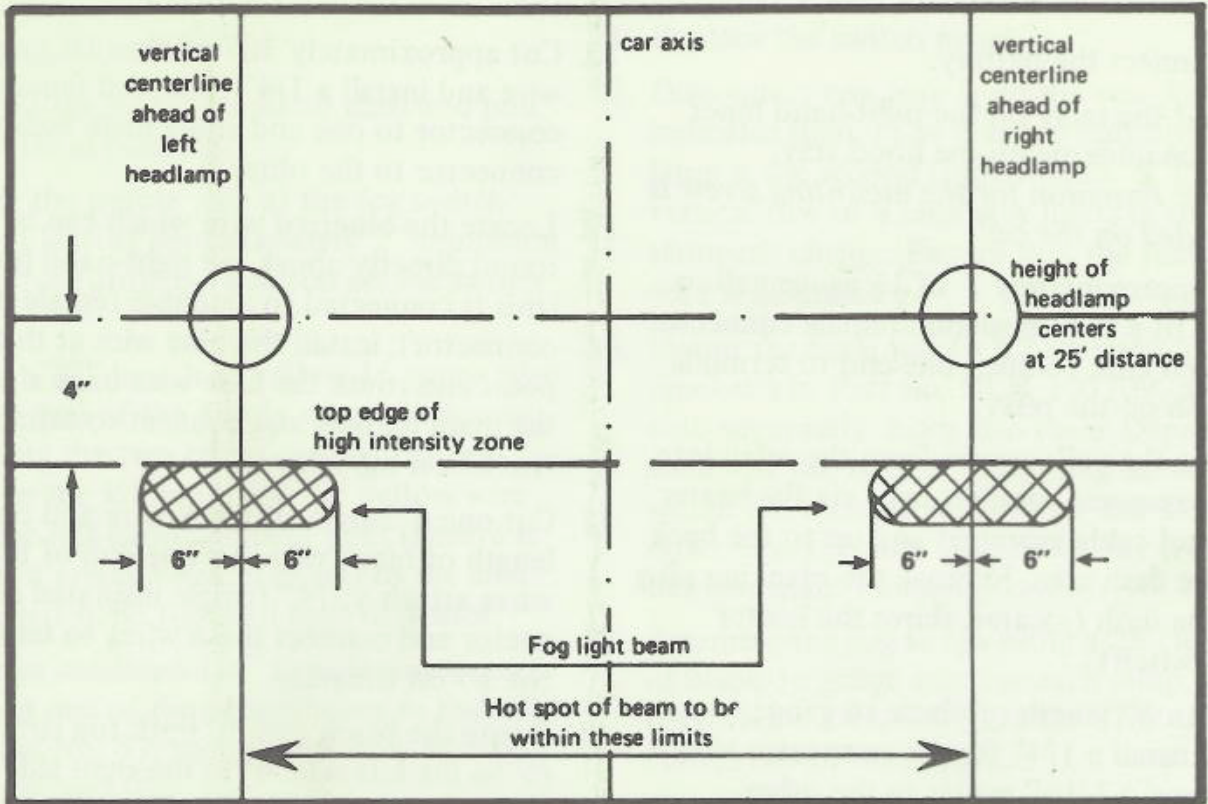
**GENERAL INSTRUCTIONS:** For easiest installation follow steps below and refer to specific instructions for each model.



- A = Foglight  
B = Relay  
C = Toggle switch  
D = Fuse holder with fuse:  
16A for 12V  
G = Ground  
Terminal 30 = +  
Terminal 56b = Low beam

Wire colour code	bl = blue	rd = red
	yw = yellow	bk = black
	gn = green	

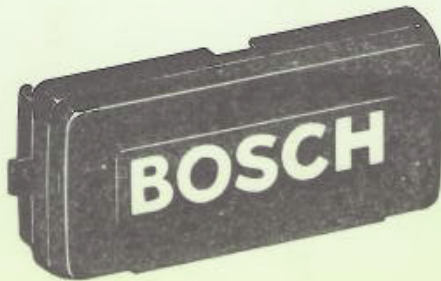
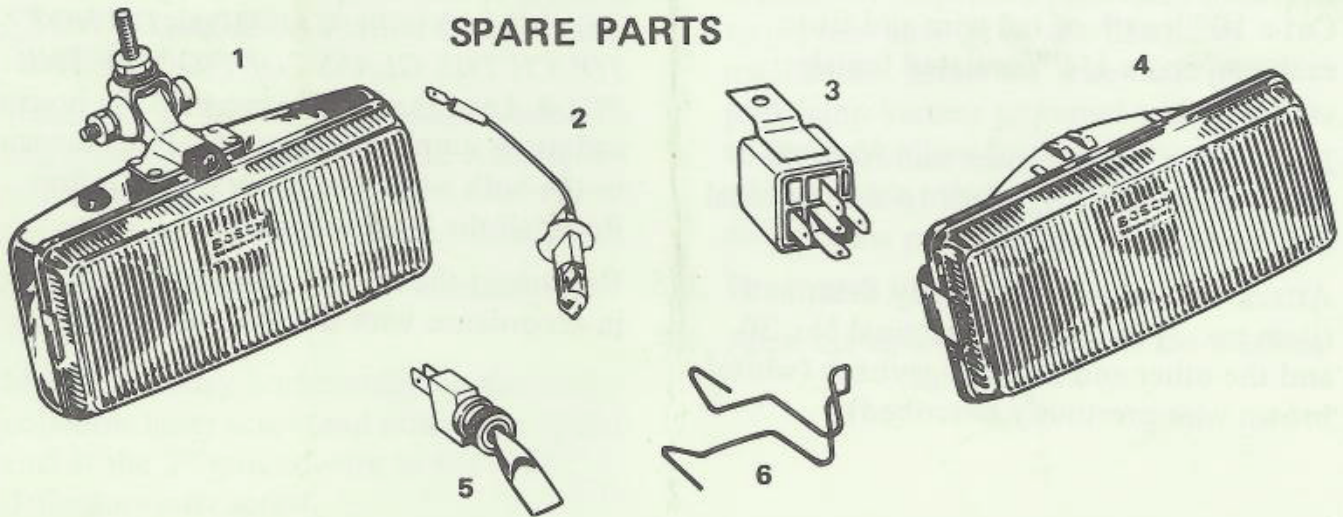
**ADJUSTING**  
**ROBERT BOSCH HALOGEN FOGLIGHT**  
**TO MEET INSPECTION STANDARDS**



The fog lights should be mounted and aimed in such a manner so that the top edge of the high intensity zone is located 4" under the prevailing horizontal centerline and within 6" (left or right) of the vertical centerline of the headlight, measured at a distance of 25 feet.

**NOTE: FOG LIGHTS MUST BE CONNECTED IN SUCH A MANNER THAT THEY ARE ONLY OPERATIONAL WITH LOW BEAM.**

**SPARE PARTS**



- |                        | <u>PART NO.</u> |
|------------------------|-----------------|
| 1. Complete Light      | BLM 105701      |
| 2. Bulb                | BLM 105702      |
| 3. Relay               | BLM 105703      |
| 4. Lens with Reflector | BLM 105704      |
| 5. Switch              | BLM 105705      |
| 6. Spring for Bulb     | BLM 105706      |
| 7. Foglight Cover      | BLM 105708      |

## TR7/8

### FOGLIGHT INSTALLATION

1. Disconnect the battery.
2. Remove the switch panel on dash and pull out as far as possible.
3. Locate the purple wire at the fog switch and cut leaving approximately 2" minimum length for future connection on the switch side.
4. Crimp a 22" length of yellow 16 gauge wire to each end of the purple wires previously cut using the two crimp connectors provided in the kit and route the yellow wire over the left-hand demister duct (ensure it does not contact heater pipes) to the area of the left-hand footwall heat deflector.
5. Using an insulated 1/4" female connector, connect one of the yellow wires to the relay terminal No. 87, the other yellow wire to terminal No. 30.
6. Locate the low beam wire (blue/red) at the plug under the steering column and connect a 24" length of blue 16 gauge wire with a scotch clip provided in the kit.
7. Route the blue wire over the harness above the steering column and over the left-hand demister duct and attach to terminal No. 85 on the relay using an insulated 1/4" female connector.
8. Make up a 2" length of 16 gauge black wire and attach a 1/4" female blade connector to one end and a 3/16" eyelet connector to the other end. (This is a ground wire.)
9. Connect the ground wire to terminal No. 86 of the relay.
10. Mount the relay horizontally on the heat deflector inner screw and attach the eyelet end of the 2" ground wire to the heat deflector outer screw.
11. Replace the switch panel.
12. Disconnect one wire from the rear fog indicator light. (The rear fog indicator lamp is the second from bottom of the vertical row of 8 indicator lights in the instrument cluster. Ensure that the removed wire is insulated.)
13. Mount the foglamps (it is necessary to use bracket kit, Part no. BLM 105709, available separately from the Parts Department) to the two 1/4" mounting holes which are located adjacent to the tie-down brackets and just aft of the front bumper main mounting point.
14. Assemble the fog lamps using a 28" length of black 16 gauge wire for each lamp.  
**CAUTION: DO NOT TOUCH THE GLASS PORTION OF THE BULB.**
15. Locate the fog lamp feed wires (red/yellow) in the harness. (These can be found on the right-hand side adjacent to the alternator and/or the expansion bottle and on the left-hand side adjacent to the air conditioning receiver/drier.)
16. Mount both fog lamps. Wind the wire around the respective park lamp harnesses to prevent damage by the headlamp mechanism. Insert the wire through the park lamp harness grommet and connect to the red/yellow fog lamp wires in the main harness using a scotch clip on each side.
17. Reconnect the battery.
18. Align the lamps according to the diagram.