

LUCAS

"TRAFFICATORS"

(REGISTERED TRADE MARK)



INSTRUCTIONS FOR
FITTING & MAINTENANCE

JOSEPH LUCAS LTD . BIRMINGHAM . ENGLAND

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"TRAFFICATORS"

(REGISTERED TRADE MARK)

In addition to the two "Trafficators" each wired with a length of twin cable, a change-over switch and a length of single cable, the set contains the following parts:

- 4 Wood screws, $1\frac{1}{2}$ in., for fixing "Trafficators" direct to car (without brackets).
- 2 Brackets for fixing "Trafficators" to car (if necessary).
- 4 Screws for fitting brackets to car body.
- 4 Bolts and nuts, 3 B.A., for fixing "Trafficators" to brackets.
- 2 Bolts and nuts, 5 B.A., for fitting switch to metal fascia board.
- 2 Wood screws, $\frac{3}{4}$ in., for fitting switch to wooden dash.
- 2 Bushes to take wires through car body.

The installation can easily be carried out as follows:

1. Disconnect the battery lead at the battery, or, if a battery safety switch is fitted, switch to "OFF" position. This will avoid the possibility of short circuits when wiring.
2. Mount the "Trafficators" in the most convenient position. They can be fitted either directly on to the windscreen pillars without using the angle brackets, or waist high on the scuttle by using the angle brackets.
3. Mount the operating switch in the most convenient position.

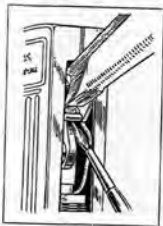
4. Wire the equipment as shown in the wiring diagram on page 6.
 - (i) Connect a lead from the largest of the terminals on the switch to a convenient battery supply terminal, using the length of single cable supplied. Since wiring schemes differ on various cars, it is not possible to specify a definite point or terminal at which this connection to the battery supply must be made; on many cars, however, provision is made for the fitment of additional accessories and reference will usually be found in the servicing manual supplied with the car. It is suggested that the most satisfactory arrangement is that in which the "Trafficators" can be operated only when the ignition is switched on and, in the event of there being no accessories' terminals provided, the supply terminal of the ignition coil, sometimes marked "SW." may be used.
 - (ii) Connect the black leads from the "Trafficators" to earth. An earthing terminal, sometimes marked "E," is usually provided, but the leads may be connected under a convenient body or chassis bolt if this is more convenient. Care must be taken to remove any enamel to ensure a good electrical connection.
 - (iii) Connect the red and green leads from the "Trafficators"—one to each of the remaining switch terminals.
5. Reconnect the battery lead, or switch the battery safety switch to "ON" position.
6. Test the "Trafficators." Should it be found that moving the switch to the right operates the left-hand "Trafficator" and moving it to the left operates the right-hand "Trafficator," reverse the red and green connections at the switch.

Whenever possible, run the extra cables alongside cables already fitted. Secure all cables by means of clips. Take care not to clamp cables against sharp edges where there is a risk of abrasion through vibration.

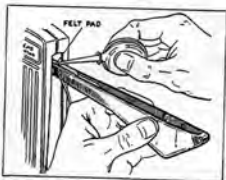
MAINTENANCE

Lubrication

About every 6,000 miles, raise each arm and, by means of a small brush or other suitable article, apply a drop of thin machine oil, such as sewing machine or typewriter oil, to the catch pin between the arm and the operating mechanism.



At the same time, a drop of thin machine oil should be applied to the lubricating pad at the top of the arm, accessible when the arm cover is withdrawn as described below.



Replacement of Bulbs

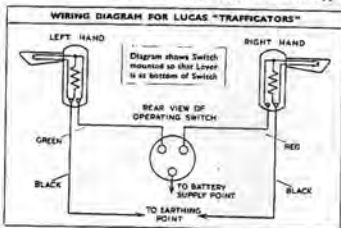
If at any time the arm fails to light up when in operation, examine the bulb. To remove the bulb, switch the "Trafficator" on, and then, supporting the arm in a horizontal position, move the switch to the off position.

Withdraw the screw on the underside of the arm and slide off the metal plate; the burnt-out bulb can then be replaced. To replace the metal plate slide it on in an upwards direction so that the side plates engage with the slots on the underside of the spindle bearing. Finally, secure the plate by means of its fixing screw.



When replacing a "Trafficator" bulb, fit one of the same size and wattage as used originally.

Bulbs fitted: 12 volt set—Lucas No. 256 3 watt festoon type.
6 volt set—Lucas No. 255 3 watt festoon type.



LUCAS

SERVICE DEPOTS

All owners of Lucas equipment are urged to take advantage of the facilities offered by Lucas Service.

For the benefit of the users of our equipment, we have established Service Depots in all large towns, which are not only at your disposal for repairs, overhauls and adjustments, but to give free advice. If you experience any difficulty with any part of the equipment, do not hesitate to consult us; we shall be only too pleased to be of assistance. The best course to adopt is to call at our nearest Service Depot, the addresses of which are given below, when the equipment can be examined as a whole.

If it is necessary to replace any part, order Genuine Lucas Spares. It is obvious that only the designers and manufacturers of the equipment are in a position to make replacement parts which will give satisfactory and lasting service.

When corresponding with Depots, or when ordering spare parts, give the name, model and year of the engine; the unit of equipment; and particular part in question. Units of equipment are identified by letters and numbers stamped or moulded on some part of the article. It is essential to quote this marking to ensure that correct replacements are sent.

BELFAST	51/55, UPPER LIBRARY STREET
Telephone: Belfast 25617	Telegrams: "Service, Belfast"
BIRMINGHAM, 18	GREAT HAMPTON STREET
Telephone: Central 5030	Telegrams: "Lucas, Telec, Birmingham"
BRIGHTON, 4	84, OLD SHOREHAM ROAD, HOVE
Telephone: Hove 8603	Telegrams: "Lucas, Brighton"
BRISTOL, 4	345, BATH ROAD
Telephone: Bristol 76001	Telegrams: "Kingly, Bristol"
CARDIFF	540, PENARTH ROAD
Telephone: Cardiff 4903	Telegrams: "Lucas, Cardiff"
DUBLIN	PORTLAND ST. NORTH, NORTH CIRCULAR ROAD
Telephone: Dublin 76193	Telegrams: "Lucas, Dublin"
EDINBURGH, 11	60, STEVENSON ROAD, GORGIE
Telephone: Edinburgh 52931	Telegrams: "Lucas, Edinburgh"
GLASGOW, C3	434, GRANT STREET (ST. GEORGE'S ROAD)
Telephone: Douglas 5191	Telegrams: "Lucas, Glasgow"
LEEDS, 8	64, ROSEVILLE ROAD
Telephone: Leeds 28391	Telegrams: "Lucas, Leeds, 8"
LIVERPOOL, 13	450/470, EDGE LANE
Telephone: Stoneycroft 4721	Telegrams: "Lucas, Liverpool"
LONDON	DORDRECHT ROAD, ACTON VALE, W.3
Telephone: Shepherd's Bush 3166	Telegrams: "Dynamagna, Salix, London"
LONDON	757/759, HIGH ROAD, LEYTON, E.15
Telephone: Leytonstone 3361	Telegrams: "Lucas, Leyton, London"
MANCHESTER	TALBOT ROAD, STRETFORD
Telephone: Longford 1101	Telegrams: "Lucas, Stretford"
NEWCASTLE-ON-TYNE, 4	64/68, ST. MARY'S PLACE
Telephone: Newcastle 25771	Telegrams: "Mottish, Newcastle-on-Tyne"
LONDON SALES OFFICE	319, REGENT STREET, W.1
Telephone: Langham 4311	Telegrams: "Guidepost, Wende, London"
LONDON EXPORT OFFICE	LUCAS HOUSE, 46, PARK STREET, W.1
Telephone: Grosvenor 4848	Telex: "Lucas, London"
	Overseas Telegrams: "Lucas, London"

In addition there are Official Battery Service Agents, Official Spare Stockists and Official Spare Dealers in all parts of the Country.

