



"KING OF THE ROAD"

# LUCAS

"CYCLEALITIES" AND  
"MOTOR-CYCLEALITIES"  
1934

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# LUCAS

## CYCLEALITIES AND MOTOR-CYCLEALITIES 1934

.....Designed and Manufactured by.....  
**JOSEPH LUCAS LIMITED**

HEAD OFFICES AND WORKS :  
 GREAT KING STREET, BIRMINGHAM, 19

TELEGRAMS and CABLES - - - - - " LUCAS, BIRMINGHAM "  
 TELEPHONE - - - - - NORTHERN 5201 (12 LINES)  
 CODES USED - - - - - A B C (5th and 6th Editions), BENTLEYS and BENTLEYS 2nd

### WHOLESALE DEPÔTS:

BELFAST .. .. . 3/5, CALVIN STREET, MOUNT POTTINGER	TELEPHONE: BELFAST 7017
TELEGRAMS: "SERVDEP, BELFAST"	
BRIGHTON .. .. . 85, OLD SHOREHAM ROAD, HOVE	TELEPHONE: PRESTON 3001 (4 LINES)
TELEGRAMS: "LUSERV, BRIGHTON"	
BRISTOL .. .. . 345, BATH ROAD	TELEPHONE: BRISTOL 76001 (4 LINES)
TELEGRAMS: "KINGLY, BRISTOL"	
CARDIFF .. .. . 54a, PENARTH ROAD	TELEPHONE: CARDIFF 4603 (4 LINES)
TELEGRAMS: "LUCAS, CARDIFF"	
DUBLIN .. .. . PORTLAND ST. NORTH, NORTH CIRCULAR RD.	TELEPHONE: DRUMCONDRA 434 (6 LINES)
TELEGRAMS: "LUSERV, DUBLIN"	
EDINBURGH, 11 .. .. . 32, STEVENSON ROAD, GORGIE	TELEPHONE: EDINBURGH 62921 (4 LINES)
TELEGRAMS: "LUSERV, EDINBURGH"	
GLASGOW .. .. . 227/229, ST. GEORGE'S ROAD	TELEPHONE: DOUGLAS 3075 (5 LINES)
TELEGRAMS: "LUCAS, GLASGOW"	
LEEDS .. .. . 64, ROSEVILLE ROAD	TELEPHONE: LEEDS 28591 (5 LINES)
TELEGRAMS: "LUSERDEP, LEEDS"	
LIVERPOOL, 13 .. .. . 450/456, EDGE LANE	TELEPHONE: OLD SWAN 1408 (4 LINES)
TELEGRAMS: "LUSERV, LIVERPOOL"	
LONDON .. .. . 757/759, HIGH ROAD, LEYTON, E.10	TELEPHONE: LEYTONSTONE 3361 (4 LINES)
TELEGRAMS: "LUSERDEP, WALT, LONDON"	
LONDON (London Showrooms) .. .. . 319, REGENT STREET, W.1	TELEPHONE: LAMHAM 4311 (6 LINES)
TELEGRAMS: "GUIDEPOST, WESDO, LONDON"	
LONDON .. .. . 155, MERTON ROAD, WANDSWORTH, S.W.18	TELEPHONE: PUTNEY 5131 (6 LINES) & 5501
TELEGRAMS: "LUSERV, PUT, LONDON"	
MANCHESTER .. .. . 291/293, DEANS GATE	TELEPHONE: BLACKFRIARS 5184 (2 LINES)
TELEGRAMS: "LUMINOUS, MANCHESTER"	
NEWCASTLE-ON-TYNE, 2 .. .. . 64/66, ST. MARY'S PLACE	TELEPHONE: CENTRAL 25571 (3 LINES)
TELEGRAMS: "MOTOLITE, NEWCASTLE-ON-TYNE"	

(For Service Depots see page 3.)

www.rpwi



# LUCAS "CYCLEALITIES"

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## REGISTERED TRADE MARKS.

The Words "Lucas,"	"Maglita,"
"Motoralities,"	"King of the Road,"
"Trafficator"	"Electricalities,"
"Motor-Cyclealities,"	"Cyclealities,"
"Magdyno,"	"Lucas-Girder,"

are some of the Registered Trade Marks for Goods of Lucas manufacture.

## TELEGRAPHIC CODE.

To save expense in Telegraphing we have adopted a code which is already largely in use for giving instructions for despatch as follows :—

LABAR	—	—	Send by Post.
LACER	—	—	Send by Parcel Post.
LACH	—	—	Send by Registered Post.
LEQUE	—	—	Send by Passenger Train, to be called for at Station.
LESTA	—	—	Send by Passenger Train.
LICIU	—	—	Send by Goods Train, to be called for at Station.
LIMAC	—	—	Send by Goods Train.
LAISI	—	—	Send by Express Messenger (for London only).
LUNDE	—	—	Send by Carrier (for London suburbs).
AIRMA	—	—	Send by Air Mail.

The use of these words in conjunction with our regular Code Words is definite, saves time and prevents errors.

The Code Words will be found prefixed to the pattern number of each article.

## SHIPPING BUSINESS.

The prices now quoted are for **Great Britain and Northern Ireland.**

In view of the changing conditions of Colonial and Foreign markets, we shall be pleased to quote current prices, on receipt of specification of order, with shipping marks and destination stated. The goods would then be suitably packed, and any necessary information with regard to re-selling prices supplied.

## IMPORTANT NOTICE REGARDING EXHIBITIONS.

The Goods listed herein are sold on the condition that they are not to be exhibited by any person, firm or company, at any Exhibition in Great Britain or Ireland, without our written authority.

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JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

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# AND "MOTOR-CYCLEALITIES"



## WARRANTY.

We stand by all goods of our manufacture. We spare no trouble or expense to ensure the quality of "LUCAS" goods, and are always ready to make good, by repair or replacement, any defect not caused by wear and tear, misuse or negligence. This guarantee is in lieu of any guarantee implied by statute, and any damages for which we make ourselves responsible are limited to cost of repair or replacement by us or to our order.

## REPAIRS.

All articles for repair must be sent "CARRIAGE PAID," or will not be accepted. A label bearing name and address of sender must be attached to each article.

All repairs should be addressed to our REPAIR DEPARTMENT, GREAT HAMPTON STREET, BIRMINGHAM, 18 ; or any of the Service Depôts named below if preferred.

## SERVICE DEPÔTS.

For the convenience of users of all Lucas articles—particularly Lighting and Starting Sets and Magnetos—we have established the undermentioned Service Depôts, where urgent repairs and general overhauls are dealt with by experienced staffs.

BELFAST	— — — —	3/5, CALVIN STREET, MOUNT POTTINGER	TELEPHONE: BELFAST 7017
TELEGRAMS: "SERVDEP, BELFAST"			
BIRMINGHAM, 18	— — — —	GREAT HAMPTON STREET	TELEPHONE: CENTRAL 8401 (10 lines)
TELEGRAMS: "LUCAS, BIRMINGHAM"			
BRIGHTON	— — — —	85, OLD SHOREHAM ROAD, HOVE	TELEPHONE: PRESTON 3001 (4 lines)
TELEGRAMS: "LUSERV, BRIGHTON"			
BRISTOL	— — — —	345, BATH ROAD	TELEPHONE: BRISTOL 76001 (4 lines)
TELEGRAMS: "KINGLY, BRISTOL"			
CARDIFF	— — — —	54A, PENARTH ROAD	TELEPHONE: CARDIFF 4603 (4 lines)
TELEGRAMS: "LUCAS, CARDIFF"			
COVENTRY	— — — —	PRIORY STREET	TELEPHONE: COVENTRY 3068
TELEGRAMS: "LUCAS, COVENTRY"			
DUBLIN	— — — —	PORTLAND STREET NORTH, NORTH CIRCULAR ROAD	TELEPHONE: DRUMCONDRA 434 (6 lines)
TELEGRAMS: "LUSERV, DUBLIN"			
EDINBURGH, 11	— — — —	32, STEVENSON ROAD, GORGIE	TELEPHONE: EDINBURGH 62921 (4 lines)
TELEGRAMS: "LUSERV, EDINBURGH"			
GLASGOW	— — — —	227/229, ST. GEORGE'S ROAD	TELEPHONE: DOUGLAS 3075 (5 lines)
TELEGRAMS: "LUCAS, GLASGOW"			
LEEDS	— — — —	64, ROSEVILLE ROAD	TELEPHONE: LEEDS 28591 (5 lines)
TELEGRAMS: "LUSERDEP, LEEDS"			
LIVERPOOL, 13	— — — —	450/456, EDGE LANE	TELEPHONE: OLD SWAN 1408 (4 lines)
TELEGRAMS: "LUSERV, LIVERPOOL"			
LONDON	— — — —	DORDRECHT ROAD, ACTON VALE, W.3	TELEPHONE: SHEPHERD'S BUSH 3160 (10 lines)
TELEGRAMS: "DYNAMAGNA, EALUX, LONDON"			
LONDON	— — — —	757/759, HIGH ROAD, LEYTON, E.10	TELEPHONE: LEYTONSTONE 3361 (4 lines)
TELEGRAMS: "LUSERDEP, WALT, LONDON"			
LONDON	— — — —	155, MERTON ROAD, WANDSWORTH, S.W.18	TELEPHONE: PUTNEY 5131 (6 lines) & 5501
TELEGRAMS: "LUSERV, PUT, LONDON"			
MANCHESTER	— — — —	TALBOT ROAD, STRETTFORD	TELEPHONE: LONGFORD 1101 (5 lines)
TELEGRAMS: "LUCAS, STRETTFORD"			
NEWCASTLE-ON-TYNE, 2	— — — —	64/66, ST. MARY'S PLACE	TELEPHONE: CENTRAL 25571 (3 lines)
TELEGRAMS: "MOTOLITE, NEWCASTLE-ON-TYNE"			

*In addition there are Official Battery Service Agents, Official Spares Stockists and Official Spares Dealers in all parts of the country.*

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS

"KING OF THE ROAD"

## CYCLE. . DYNAMO SET N<sup>o</sup> 304

SIX VOLT

"THE FINEST LIGHT-GIVERS  
FOR PEDAL CYCLES"

The Lucas "King of the Road" Cycle Dynamo Sets for pedal cycles are carefully designed in every detail. We have used our extensive experience with Car and Motor-Cycle Equipments and produced, we believe, the most efficient Pedal Cycle Sets that are made. They are sold complete with Dynamo mounting, and can be fitted by any cyclist in a few minutes. They are equally suitable for Tricycles or hand-propelled chairs.

They provide a wide field of brilliant and constant light, and make night riding a pleasure. They are always ready the instant they are wanted without any preparation. Ideal for touring, handy for odd night trips, and invaluable for the urgent demands of professional people. Apart from the satisfaction in owning and riding an electrically equipped Cycle, they offer endless light for the very low figure which is their first and final cost.

A special feature of the lamps supplied with these Sets (Nos. 304 and 25) is their large parabolic reflectors of correct optical design, which are covered with a transparent protective coating which prevents tarnishing, and their green side glasses. The bulb holder in each lamp allows it to be accurately focussed.

No. 304D Cycle Head Lamp is of bold design, possessing similar refinements to our Car Projectors. A special feature of this lamp is that a flash lamp type of battery is neatly housed behind the reflector. The controlling switch has three positions, as follows:—

- ON Head lamp and tail lamp lit by dynamo.
- BATTERY Head lamp (pilot bulb) lit by battery.
- DIM A special dimming device operates when switch is turned to Dim position. The main bulb gives a dimmed light, and tail lamp remains alight.

This dimming device enables the rider to dim his driving light when meeting oncoming traffic, thereby showing courtesy to other road users.

The battery is switched on when the dynamo is not generating, such as when putting the cycle away at night, or when it is wheeled through narrow passages, etc., and it is very useful as a hand lamp for roadside repair at night.

The bulbs fitted to this lamp are B.A.S. No. 8DS (6 volt, 0.5 amp.) for the main bulb, and No. 43D M.E.S. (4 volt, 0.3 amp.) for the secondary bulb used with the dry battery.

No. 307 Cycle Head Lamp is distinctive in design and pleasing in contour. The front is held by our patented spring locating clip, and is easily removable for cleaning purposes. The socket fixing is provided with a coin-slotted tightening screw which enables the head lamp to be set at any angle. The bulb in the lamp is a B.A.S. 8DS (6 volt, 0.5 amp.). This lamp does not house a stand-by battery. (See page 5 for illustration of Lamp.)

No. C25 Dynamo is of improved design. This neat and compact machine is totally enclosed: special precautions are taken to exclude dust and mud from the bearings. The rotor is now mounted on ball bearings which are packed with grease during manufacture and require no lubrication in service. There are no brushes or commutators—simply one thumb screw

### COMPLETE SET No. 304 comprises:—

Dynamo No. C25, with Bracket, Head Lamp No. 304D, Tail Lamp No. CT31, Cables, Bulbs and Battery.

Code Word	No.	Finish	CASH PRICE
LEDUG	304	Ebony Black, Chromium Plated Parts .. ..	£1 3 6
LEDVR	304	Set as above, less Tail Lamp .. ..	1 2 0
LEDOL	305R	Dry Battery for above .. ..	each 5



HEAD LAMP No. 304D  
USED IN No. 304 SET



TAIL LAMP No. CT31  
USED IN No. 304 AND  
No. 25 SETS

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



*Continued.*

terminal for the Head Lamp and another for the Tail Lamp. The output, as fixed by the design, is constant over a very wide speed range. The Dynamo provides an even, brilliant field of illumination at all speeds and projects a powerful light, even at walking pace.

The Dynamo is usually mounted on the **left hand rear back stay**. Our Spring Tension Spindle Bracket, the spring of which is entirely enclosed, in conjunction with a peg and notch device, holds the Dynamo out of use. When lights are required it is only necessary to press the release lever towards the Dynamo, when the Dynamo comes into action automatically. A steady quiet drive is ensured by the wide knurled face of the driving pulley being kept in contact with the side of the tyre.

**No. CT31 Tail Lamp** is very neat and shows an effective red light to the rear, and has adjustable clip fixing for rear stay. It is important that only the standardized Bulb be used.

**COMPLETE SET No. 25 comprises:—**

**Dynamo No. C25 with Bracket, Head Lamp No. 307, Tail Lamp No. CT31, Cable and Bulbs**

Code Word	No.	Finish	CASH PRICE
LEBEL	25	Ebony Black, Chromium Plated Parts .. ..	£1 2 6
LEBIB	25	Set as above, less Tail Lamp .. ..	1 1 0
<b>Dynamo only.</b>			
LEEBI		No. C25, with Carrier Bracket .. ..	15 0
<b>Head Lamps only.</b>			
LADCT		No. 304D, with Main and Secondary Bulbs, and Cable .. ..	7 0
LEESY		No. 307, with Bulb, and Cable .. ..	6 0
FAWOH		Spare Bulb B.A.S. No. 8DS (6 volt, 0.5 amp.) (Diffused) .. ..	1 4
FAUBU		Main Bulb for Head Lamps No. 304D and No. 307 .. ..	6
		Spare Bulb No. 43D M.E.S. (4 volt, 0.3 amp.) Secondary .. ..	
		Bulb in No. 304D Head Lamps .. ..	
<b>Tail Lamp only.</b>			
LAEDA		No. CT31, with Bulb .. ..	1 6
FASOZ		Spare Bulb No. 3515 M.E.S. (3.5 volts, 0.15 amp.) for .. ..	6
		Tail Lamp No. CT31 .. ..	

# LUCAS

"KING OF THE ROAD"

## CYCLE..

## DYNAMO

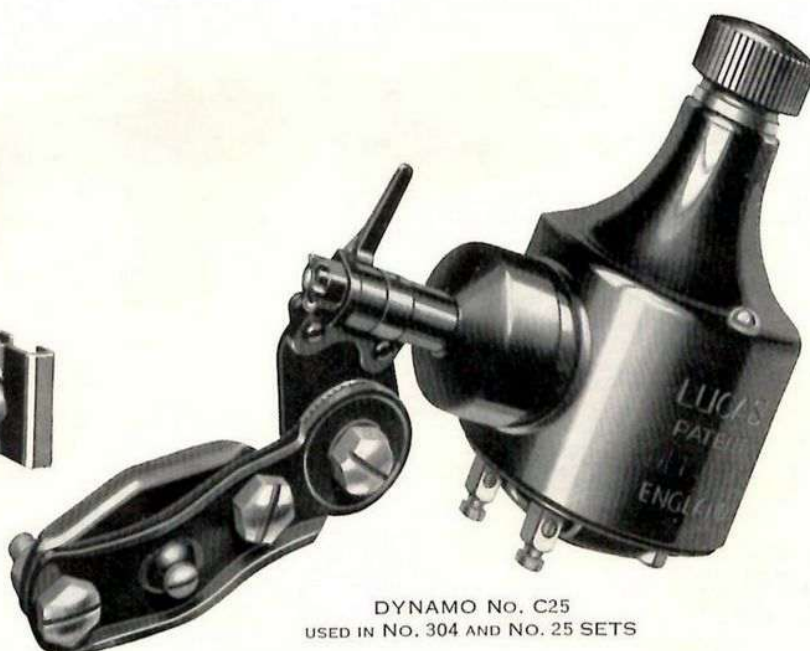
## SET N° 25

SIX VOLT

"MAKES NIGHT RIDING  
A PLEASURE"



HEADLAMP NO. 307  
USED IN NO. 25 SET



DYNAMO No. C25  
USED IN NO. 304 AND NO. 25 SETS

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

www.bikeparts.com





## LUCAS

"KING OF THE ROAD"

### CYCLE DYNAMO SET No 302

FOUR VOLT

Lucas No. 302 Cycle Dynamo Set incorporates our light-weight Cycle Dynamo Type C175. This dynamo possesses all the refinements of the larger types, but its weight has been cut down to a minimum. It will supply current for the head lamp, which is fitted with a 4-volt 0.3 amp. bulb, and also a tail lamp, if required, which has a 4-volt .04 amp. bulb. This dynamo is also fitted with ball bearings.

No. 302 Cycle Head Lamp used in this set has similar characteristics to our No. 304D, but is not fitted with a secondary bulb. It has a large parabolic reflector of correct optical design, heavily silver-plated and non-rusting.

No. CT31 Tail Lamp is very neat, and gives an effective red light to the rear, and has an adjustable clip fixing for the rear stay.

COMPLETE SET No. 302 comprises :—

Dynamo C175 with Bracket, Head Lamp No. 302, Tail Lamp CT31, Cables, Bulbs and Battery.

Code Word	No.	Finish	CASH PRICE
LAEGO	302	Ebony Black, Chromium Plated Parts	£1 0 0
		As above, less Tail Lamp	.. 18 6
<b>Dynamo only.</b>			
LAEPF	C175	With Bracket and Release Lever	.. 12 0
<b>Head Lamp only.</b>			
LAERK	302	With Bulb and Cable	.. 6/6
FATES	43D M.E.S.	Spare Bulb (4 volt, 0.3 amp.) for Head Lamp No. 302	.. 6d.
<b>Tail Lamp, etc.</b>			
LAEDA	CT31	With Bulb	.. 1/6
LEDOL	305R	Dry Battery for No. 302 Lamp	.. 5d.
FATIR	404 M.E.S.	Spare Bulb (4 volt, .04 amp.) for above Tail Lamp when used with No. C175 Dynamo	.. 8d.



HEAD LAMP No. 302



TAIL LAMP CT31



DYNAMO No. C175

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



Lucas No. 307/4 Cycle Dynamo Set also incorporates our lightweight Cycle Dynamo Type C175, which is a neat and compact machine. Special precautions are taken to exclude dust and mud from the bearings. It is fitted with our Spring Tension Spindle Bracket, similar to the 6-volt Cycle Dynamo No. C25, the spring of which is entirely enclosed. When lights are required it is only necessary to press the release lever towards the dynamo, when the dynamo comes into action automatically.

No. 307/4 Cycle Head Lamp is distinctive and pleasing in design. It is now fitted with green side glasses, and the front is held by our patent locating spring clip which ensures that the side glasses are always in the correct position.

No. CT31 Tail Lamp is the same lamp as supplied with No. 302 Set described opposite.

COMPLETE SET No. 307/4 comprises :—

Dynamo C175, with Bracket, Head Lamp No. 307/4, Tail Lamp No. CT31, Cables and Bulbs.

Code Word	No.	Finish	CASH PRICE
LEFEV	307/4	Ebony Black, Chromium Plated Parts	19/-
		As above, less Tail Lamp	17/6
Dynamo only.			
LAEPF	C175	With Bracket and Release Lever	12/-
Head Lamp only.			
LEFAH	307/4	With Bulb and Cable	5/6
FATES	43D M.E.S.	Spare Bulb (4 volt, 0.3 amp.) for Head Lamp No. 307/4	6d.
Tail Lamp, etc.			
LAEDA	CT31	With Bulb	1/6
FATIR	404 M.E.S.	Bulb (4 volt, .04 amp.) for above Tail Lamp when used with No. C175 Dynamo	8d.

## LUCAS

"KING OF THE ROAD"

### CYCLE DYNAMO SET NO 307/4

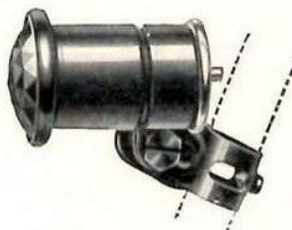
FOUR VOLT



HEAD LAMP No. 307/4



DYNAMO C175



TAIL LAMP No. CT31

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS

**"KING OF THE ROAD"  
TWIN LAMP  
SET No. 308**

**NEW  
DRY BATTERY MODEL**

The new Lucas Twin Lamp Set No. 308 is a Dry Battery Lighting Set which brings to cyclists an advantage which hitherto practically only motorists have enjoyed—twin headlamps with a "dim and switch" arrangement.

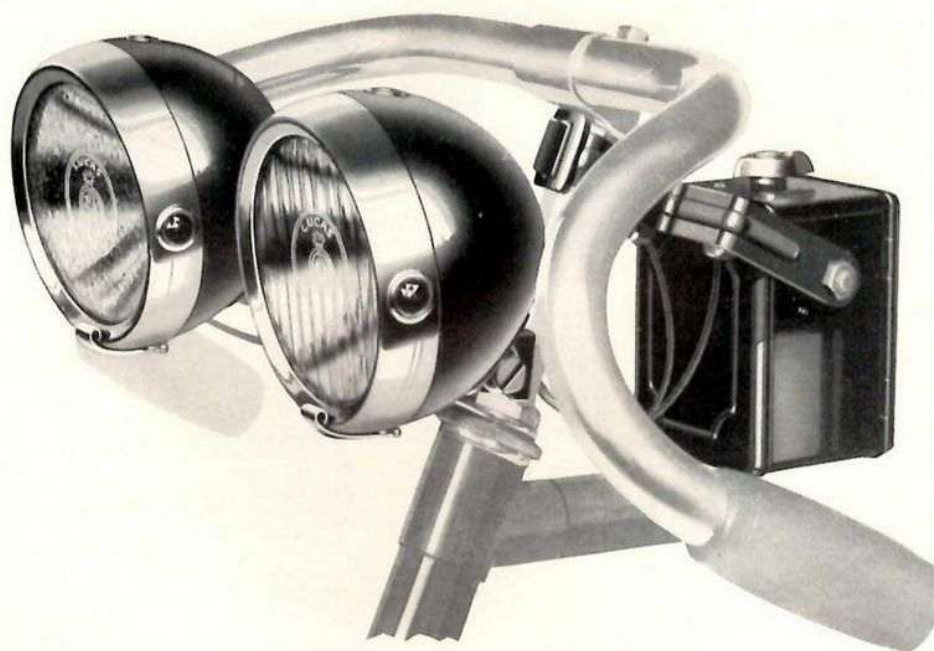
The twin headlamps are mounted on a horizontal bar with a central slot which fits over the standard handlebar lamp bracket, and incorporates a special thief-proof locking device. Two high-capacity twin cell batteries are housed in a neat cubical battery case carried behind the handlebar in a forked bracket clipped to the handlebar stem. A three-way switch, mounted on the top of the battery case, switches on either one or both lamps, as desired.

This twin lamp set is designed to give much the same effect as the Lucas "Dip and Switch" Reflector System which is fitted to so many cars. The right-hand lamp, fitted with "Difusa" glass, throws a powerful beam ahead, while the left-hand lamp has a fluted glass and, being set at a slight angle, projects a flat beam to the side of the road.

## LUCAS TWIN LAMP SET No. 308.

Set comprises:—Two Lamps with thief-proof bracket, Battery Case containing Two 69R Batteries, with handlebar stem bracket, Bulbs, etc.

Code Word	No.	Finish	CASH PRICE EACH
LERUH	308	Ebony Black, Chromium Plated Parts	15/-
LADIM	69R	Dependable Refill Batteries ("Leadership" series)	8d.
FAVIP	553 M.E.S.	Spare Bulb (5.5 v., 0.3 amp.) for the above lamps	6d.



LUCAS TWIN LAMP SET No. 308  
(EBONY BLACK AND CHROMIUM PLATED PARTS)

**JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND**



*long after Price is forgotten.*



*Continued*

With both lamps in use, therefore, the cyclist has the advantage of two independent beams, one shining forward and picking out distant objects, the other illuminating the road immediately ahead. When meeting oncoming traffic a turn of the convenient switch dims the near-side lamp and cuts out the right-hand beam. In this way you are able to show courtesy to other road users.

Additionally, of course, the single light can also be used for town riding and other occasions when two lamps are unnecessary, thus economising in current consumption.

In common with practically all the new Lucas Cycle Electric Headlamps these twin lamps are fitted with side glasses and a new patent locating clip for securing the rim. This clip carries a small projecting tongue on its inner side which registers with a hole in the bottom of the rim, preventing it from moving round. With side glasses this is, of course, particularly important.

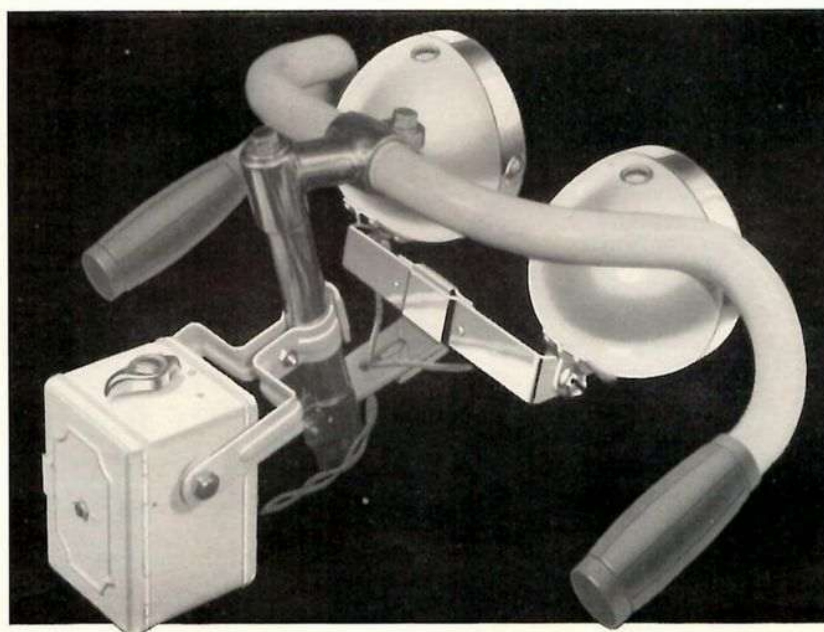
**LUCAS**  
"KING OF THE ROAD"  
**TWIN LAMP**  
**SET No. 308**

NEW  
DRY BATTERY MODEL

**LUCAS TWIN LAMP SET No. 308.**

Set comprises:—Two Lamps with thief-proof bracket, Battery Case containing Two 69R Batteries, with handlebar stem bracket, Bulbs, etc.

Code Word	No.	Finish	CASH PRICE EACH
LERYO	308	Ivory White, Chromium Plated Parts	16/6
LADIM	69R	Dependable Refill Batteries ("Leadership" series)	8d.
FAVIP	553	M.E.S. Spare Bulb (5.5v., 0.3amp.) for the above lamps	6d.



LUCAS TWIN LAMP SET No. 308  
(IVORY WHITE, CHROMIUM PLATED PARTS)

**JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND**



# LUCAS

**"KING OF THE ROAD"  
BATTERY . .  
CYCLE LAMP  
No 301 . . .**

**NEW MODEL**

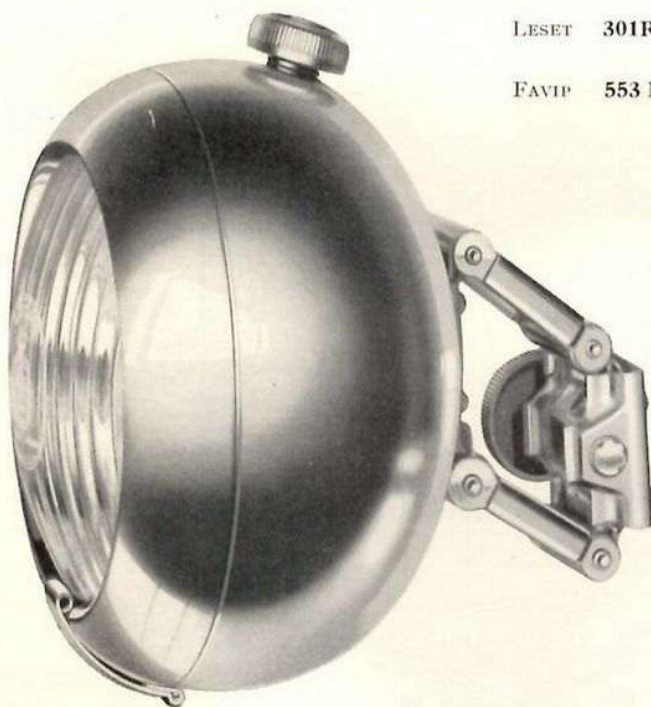
The new Lucas De-Luxe Dry Battery Lamp No. 301 sets a high standard in Dry Battery Lamps. It is imposing in appearance, having a pleasing contour which makes it at once distinctive. A special feature of this lamp is its fluted domed glass which spreads the brilliant beam of light. Its spring back is extremely strong and durable, and absorbs all road shock and eliminates any harm which may be caused to the batteries and bulb when travelling over rough roads. The bulb holder, which is fitted with a 5.5 volt bulb, is hinged, and therefore it is a simple matter to replace the two large-capacity batteries (No. 301R) which are carried on a platform in the body of the lamp, when required. The switch, which is positive in action, enables the rider to dim the bright driving light when cycling in towns or well-lighted roads, and so conserve the batteries' life. It is handsomely finished, all Chromium Plated, and is of that high standard of workmanship and finish always associated with Lucas goods.

**LUCAS DRY BATTERY CYCLE LAMP No. 301.**

Front, 5 in. diameter.

Aperture, 3 $\frac{3}{4}$  in.

Code Word	No.	Finish	CASH PRICE EACH
LESAF	301	All Chromium Plated, complete with Bulb and Two No. 301R Batteries	12/6
LESET	301R	Dependable Refill Batteries ("Leadership" series)	7d.
FAVIP	553 M.E.S.	Spare Bulb for above Lamp (5.5 v., 0.3 amp.)	6d.



LUCAS DRY BATTERY  
LAMP No. 301



LUCAS DRY  
BATTERY No. 301R

**JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND**



# King of the Road

**Lucas Battery Cycle Lamp No. 305** is designed to give alternative lights, either a powerful beam for country riding or a reduced light for use when riding in lighted streets, or when the cycle is being wheeled.

The switch controlling these two lights is incorporated in the top of the lamp. It has a very positive action, and it is large enough to be operated easily, even when wearing thick gloves.

The lamp houses two Lucas No. 305R Dry Batteries, both of which are in use in the one switch position, while only one is in use when the reduced light is switched on. This lamp is now fitted with side glasses.

A special feature of this lamp is that a spare bulb is supplied and is carried in a spring clip inside the body of the lamp.

The finish and workmanship of this lamp are of the high quality associated with the name "Lucas." The standard finish is Ebony Black, with the front rim Chromium Plated, giving the lamp a particularly attractive appearance. It can also be supplied in Ivory White finish if ordered.

## BATTERY CYCLE LAMP No. 305.

Front, 4 in. Aperture,  $3\frac{1}{4}$  in. Weight, 22½ ozs.

Code Word	No.	Finish	CASH PRICE EACH
LEDIM	305	Ebony Black, Chromium Plated Rim, complete with No. 305R Batteries and Spare Bulb ready for use	7/6
LESIS	305	Ivory White, Chromium Plated Rim, etc.	8/-
LEDOL	305R	Dependable Refill Battery for above Lamp	5d.
FAUDY	81 M.E.S.	Spare Bulb (8 volts, 0.1 amp.)	6d.

The **Lucas Battery Cycle Lamp No. 310** is an additional model for 1934. Inside the body of the lamp is carried one large-capacity Lucas Dry Battery No. 69R. This model also gives a bright or dimmed light according to the position of the switch. Its square base enables it to be stood upright and used for purposes other than on a cycle. The front glass is fluted, which broadens the width of the beam, and the front rim is fitted with side glasses. A clip is fitted inside the body of the lamp for carrying a spare bulb.

## BATTERY CYCLE LAMP No. 310.

Front, 4 in. Aperture,  $3\frac{1}{4}$  in. Weight, 20 ozs.

Code Word	No.	Finish	CASH PRICE EACH
LEROV	310	Ebony Black, Chromium Plated Rim, complete with No. 69R Battery	7/-
LES02	310	Ivory White, Chromium Plated Rim, etc.	7/6
LADIM	69R	Dependable Refill Battery for above Lamp	8d.
FASUB	252 M.E.S.	Spare Bulb (2.5 volts, 0.2 amp.)	3½d.

# LUCAS BATTERY CYCLE . LAMPS . Nos 305 & 310

IMPROVED MODEL  
AND  
ADDITIONAL MODEL



LUCAS DRY BATTERY  
CYCLE LAMP No. 310



LUCAS DRY BATTERY  
CYCLE LAMP No. 305

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS BATTERY CYCLE LAMPS. N<sup>OS</sup> 79 & 69DSB

WITH SPRING BACKS

This Range of Lucas Dry Battery Lamps, with their exclusive features, create a new and unrivalled standard of excellence. Every lamp body is substantially made of heavy gauge British pressed steel, with a split hinge and overlapping joints, and will, if necessary, stand up to rough treatment. Entirely riveted up, there are no screws to rattle or shake off, and nothing to go wrong.

The New Lucas Dimming Switch is certain in action, easy to manipulate, neat in appearance, and conserves the life of the batteries.

**Strong Spring Backs.** With the exception of Models Nos. 69D and 69, which have a strong spring-grip socket, the other models have spring loaded backs which eliminate the harm which may be caused to the battery or bulb over a stretch of bad road.

**All Lucas Reflectors** are accurately designed, heavily Silver-plated and non-rusting.

**Chromium-plated Lamp Fronts** are detachable to allow the cleaning of reflector and focussing of bulb.

**Model No. 79** — An Extra Large Heavily Silver-plated Reflector, Chromium-plated Front and Green Side Glasses are the special features of this model, which also embodies many other unique features exclusive to this New Range of Lucas Dry Battery Lamps. This model enables you to practise battery economy by means of its Dimming Switch, and still have a good beam of light, even when dimmed.

**Model No. 69DSB** — The popular model of the New Lucas Dry Battery Lamps has the New Dimming Switch incorporated in its design. The spring bracket prevents any jolting which is likely to harm the lamp or cause unpleasant rattle.

**Battery Lamps, complete with battery and bulb, ready for use.**

Code Word	No.	Finish	CASH PRICE EACH
LEECT	79	Ebony Black, with Dimming Switch and Green Side Glasses. Diam. of Front, $3\frac{1}{2}$ in.	5/-
LEEDA	69DSB	Ebony Black, with Dimming Switch. Diam. of Front, $2\frac{1}{2}$ in.	4/3
FASUB	252	Spare M.E.S. Bulb (2.5 volt, 0.2 amp.)	3½d.
LADIM	69R	Dependable Refill ("Leadership" series)	8d.



No. 79



No. 79 BACK VIEW



No. 69DSB

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



*Continued*

**Lucas Ebony Black Finish** both inside and out, non-corrosive and weatherproof. All bright parts are Chromium-plated.

**Secure Case-locking Clip** which will not vibrate loose. Models 69D and 69 have a sensible carrier-handle.

**Lucas "Leadership" Dry Battery** which is supplied with each lamp provides a dependable current supply. The great recuperative power of these batteries guarantees a very considerable number of total hours' light before a refill is necessary.

**Neat and compact in design.** Lucas Battery Lamps are free of unnecessary projections and are therefore easy to clean.

**No Loose Parts** to rattle, shake off or go wrong.

**Excellent Finish and Workmanship**—a Lucas "King of the Road" production throughout.

**Model No. 69D**—Here is a lamp with all the unique features of the reputable No. 69 Model, and, in addition, has the same Dimming Switch as fitted to the more expensive models. As will be seen from the illustration, it has a secure case-locking clip and sensible handle which enables the lamp to be used as a general-purpose lamp if required.

**Model No. 69**—The switch is of the throw type, and so is definitely "on" or safely "off" with no risk of exhausting the Battery.

Fitted with a strong spring-grip socket for standard cycle bracket and a sensible carrier-handle this model has been in great demand during the season.

**Battery Lamps, complete with battery and bulb, ready for use.**

Code Word	No.	Finish	CASH PRICE EACH
LEEFE	69D	Ebony Black, with Dimming Switch (Diam. of Front $2\frac{1}{2}$ in.) .. ..	3/9
LADEB	69	Ebony Black (Diam. of Front $2\frac{1}{2}$ in.) .. ..	3/2
FASUB	252	Spare M.E.S. Bulb (2.5 volt, 0.2 amp.) .. ..	3½d.
LADIM	69R	Dependable Refill ("Leadership" series) .. ..	8d.

# LUCAS

## BATTERY

## CYCLE.

## LAMPS.

N<sup>os</sup> 69D & 69



No. 69D



No. 69



No. 69  
BACK VIEW



No. 69D  
BACK VIEW  
SHOWING SWITCH

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





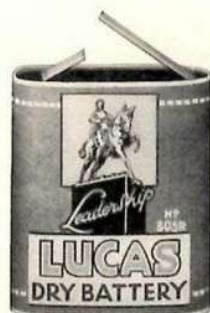
*The Memory of Quality remains*

# LUCAS

"LEADERSHIP"  
SERIES OF  
.. DRY ..  
BATTERIES



TYPES BU1 & BU2  
DRY CELLS FOR BELLS



TYPE 305R  
BATTERY FOR LUCAS Nos. 305, 304D & 302  
LAMPS AND FOR POCKET LAMPS



TYPE TU  
CELLS FOR TORCHES



TYPES 69R & 301R  
TYPE 69R IS SUITABLE FOR  
LUCAS Nos. 308 TWIN LAMP SET AND  
310, 79, 69DSB, 69D AND 69  
ALSO STANDARD REPLACEMENT FOR  
MOST LAMPS  
TYPE 301R IS SUITABLE FOR LUCAS 301 LAMP

The range of Lucas Dry Cells shows, by superior performance and increased capacity, the big advance achieved by new design, better materials and improved processes of manufacture. They are reliable Batteries of high dependable capacity, and their great recuperative power contributes to the unusual length of life obtained with the average intermittent use over extended periods.

The long "shelf life" (i.e., ability to hold capacity over long periods when inactive) also ensures that full capacity is available to the buyer when put into use.

## FOR CYCLE LAMPS AND POCKET LAMPS.

Type 69R is particularly suitable for the Lucas Nos. 308 Twin Lamp Set and 310, 79, 69DSB, 69D and 69 Cycle Lamps, and is also a standard replacement battery for most Battery Cycle Lamps.

Type 301R is the battery used in the Lucas No. 301 Lamp.

Type 305R is the replacement battery for use in the Lucas No. 305 Cycle Lamp, No. 304D Cycle Lamp (for secondary light) in the Lucas No. 304 Cycle Dynamo Set, and No. 302 Lamp in the Lucas No. 302 Cycle Dynamo Set. It is also the ideal battery for Pocket Battery Lamps.

Code Word	Type	Size (in inches)			Weight	Voltage	Price
		L.	W.	H.			
LADIM	69R	2 1/8	1 1/8	3 1/8	9 3/4 ozs.	3	8d.
LERIT	301R	2 1/8	1 1/8	2 1/8	7 1/4 ozs.	3	7d.
LEDOL	305R	2 1/8	1 1/8	2 1/8	4 ozs.	4.5	5d.

## CELLS FOR TORCHES.

Type TU1 is the usual cell for standard size Torches, and the TU2 is the cell used in the bijou size Torch.

Code Word	Type	Dimensions (in inches)	Weight	Voltage	Price
LEEGO	TU1	1 1/2 dia. x 2 1/8	3 1/4 ozs.	1.5	3 1/2 d.
LEENU	TU2	1 1/8 dia. x 2 1/8	1 1/2 ozs.	3	3d.
LICYN	TU3	1 dia. x 1 1/8	2 ozs.	1.5	3 1/2 d.
LIDAN	TU4	1 dia. x 3/4	4 ozs.	3	6d.

## CELLS FOR BELLS.

Suitable for House Bells, Telephones and other general uses.

Code Word	Type	Dimensions (in inches)	Weight	Voltage	Price
LEEPP	BU1	6 1/2 x 2 1/2	2 lb.	1.5	1/6
LEERK	BU2	6 1/2 x 2 1/4	1 lb. 10 oz.	1.5	1/3

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



Acetylene Cycle  
Lamps and  
Tail Lamp

The No. 326T is a self-contained Lamp and is fitted with a **Glass-covered Reflector**. A slight turning movement enables the carbide container to be quickly fixed or unfixed. The front body slides off and is very accessible for cleaning. A burner-cleaning brush is retained inside the Lamp.

No. 326T is fitted with a genuine "Roni" Burner No. 53, and when replacement is necessary a new burner No. 53 **must** be fitted. An ordinary impinging double-jet burner is liable to crack the reflector glass. This Lamp is fitted with a valve nipple, is supplied complete with Tail Lamp No. B116 and the necessary rubber tubing.

The **Tail Lamp, No. B116**, is threaded for pump connection, which enables it to be cleaned periodically by means of air pressure from a tyre pump. The red glass is hinged for opening, and the clip enables it to be fixed upright on stays of various angles. It can be supplied with Round, Oval or "D" Clips, as required. This lamp is recommended for use in conjunction with Lamps Nos. 326 and 157.

**"CALCIA KING."** Complete with No. B116 Tail Lamp.

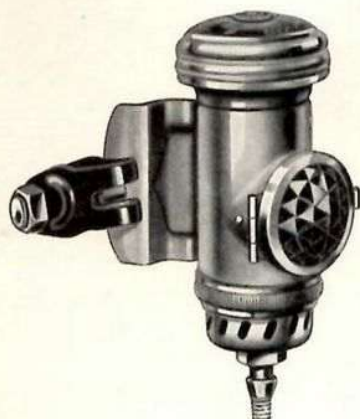
Height, 6½ in.      Weight, 31 oz.      Front, 4¼ in.      Glass, 3¼ in.

Code Word	No.	Finish	CASH PRICE EACH
LAUKI ..	326T	All Nickel Plated .. ..	£1 1 0
LAUSS ..	326TB	Ebony Black, Plated Parts .. ..	1 1 0
LAVYG ..	326TBCP	Ebony Black, Chromium Plated Parts .. ..	1 2 0
Code Word	No.	Finish	
LAGED ..	326	Lamp only. Nickel Plated .. ..	17 6
LAGIG ..	326B	Lamp only. Ebony Black .. ..	17 6
LAWAT ..	326BCP	Lamp only. Ebony Black, Chromium Plated Parts .. ..	18 6

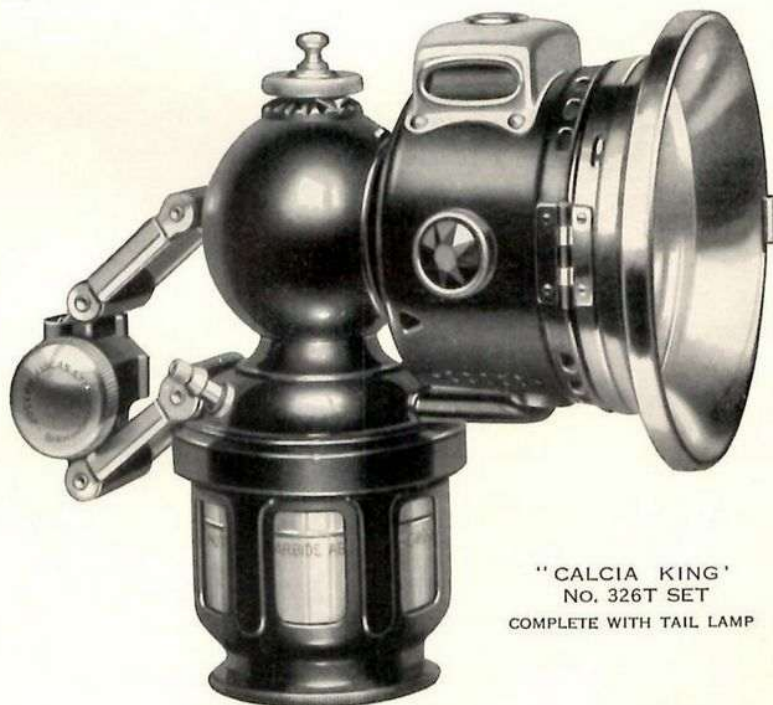
**TAIL LAMP No. B116 only.** Height, 2½ in. ; Diameter, 1½ in.

Code Word	No.	Finish	
LAHOC ..	B116	Finish—Nickel Plated .. ..	3/6
LADOL ..	B116CP	Finish—Chromium Plated .. ..	4/3

Genuine "Roni" Burner No. 53 for No. 326 Lamp, 1/2 each.  
Burner for No. B116, 3d, each.



NO. B116  
TAIL LAMP



"CALCIA KING"  
NO. 326T SET  
COMPLETE WITH TAIL LAMP

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





## LUCAS "CALCIA MAJOR" No 157L

The model "Calcia Major" No. 157L has a large opening front, and the front body, which is bold and symmetrical, is hinged to lift up and allow ready access to the glass-covered reflector. It has a similar cage fixing container to our "Calcia King" described on page 15, a slight turning movement enabling the container to be quickly fixed or unfixed.

An atmospheric burner is fitted, and the burner feed has a rear-light nipple which should be used in conjunction with our Tail Lamp No. B116 (see also page 15). The water body is fitted with a special combination water-filler cap and funnel; a half turn in either direction exposes two holes—one on each side of the regulator—through which the water is poured, the shape of the cap acting as a funnel to facilitate filling. The back has a fixing screw, and is very strong and durable.

### "CALCIA MAJOR"

With Glass-covered Reflector and  $3\frac{1}{4}$  in. Double-convex Lens.

Height,  $6\frac{3}{4}$  in. Weight, 21 oz. Front, 4 in. Burns about  $3\frac{1}{4}$  hours.

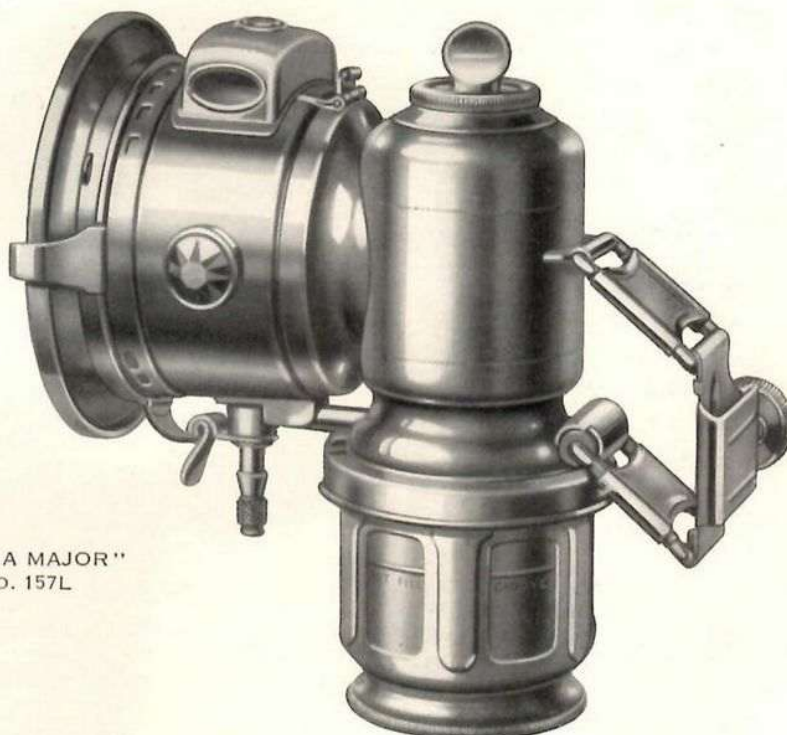
Code Word	No.	Finish	CASH PRICE EACH
LEBUR	157L	All Nickel Plated, with Double-convex Lens	11/6
LEBYT	157LB	Ebony Black, Plated Parts, ditto	11/6
LAWEV	157LBCP	Ebony Black, Chromium Plated Parts, ditto	12/-
LECAL	157	All Nickel Plated, without Lens	10/6
LECEN	157B	Ebony Black, Plated Parts, ditto	10/6
LAWIY	157BCP	Ebony Black, Chromium Plated Parts, ditto	11/-

The above Lamps can be supplied with a removable carrying bail which enables them to be used as handlamps when required. Bail, 6d, extra.

Genuine Lucas Atmospheric Burner, No. 11,  
for Lamps Nos. 157L and 157, 5d, each,



"CALCIA MAJOR"  
NO. 157L  
OPENED FOR CLEANING



"CALCIA MAJOR"  
NO. 157L

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



The "Calcia Club" (No. 143) has our patented carbide container fixing, a half turn to right or left enabling it to be quickly fixed or unfixed. The front is cylindrical in shape, has a large detachable Aluminium Reflector, and slides off for cleaning. The special non-detachable water-filler cap cannot get lost, and the shape of the cap facilitates filling. It is fitted with an improved and stronger back.

An atmospheric burner is fitted, and a patented burner cleaner is carried in a clip inside the Lamp, handy for use when required.

The "Calcia Club" has a bold appearance, is of large capacity, and is undoubtedly a very popular model.

In addition to the well-known Lucas Ebony Black and Nickel Plated finishes for lamps, a development is that of Chromium Plating of certain parts of the lamp, which gives the appearance of highly polished silver. This finish will not tarnish in service, retains its first brilliance, and a minimum amount of cleaning only is necessary—a wipe over with a damp cloth removes any dust or dirt.

## "CALCIA CLUB."

Height, 6 in. Weight, 16 oz. Glass,  $3\frac{1}{4}$  in. Burns about  $3\frac{1}{2}$  hours.

Code Word	No.	Finish	CASH PRICE EACH
LAKAI	143	All Nickel Plated .. ..	7/6
LAKEP	143B	Ebony Black, Plated Parts .. ..	7/6
LAWOH	143BCP	Ebony Black, Chromium Plated Parts ..	8/-

The above Lamps can be supplied with a removable carrying bail which enables them to be used as handlamps when required. Bail, 6d. extra.

Genuine Lucas Atmospheric Burner, No. 11,  
for Lamp No. 143, 5d. each.

# LUCAS

## "CALCIA CLUB"

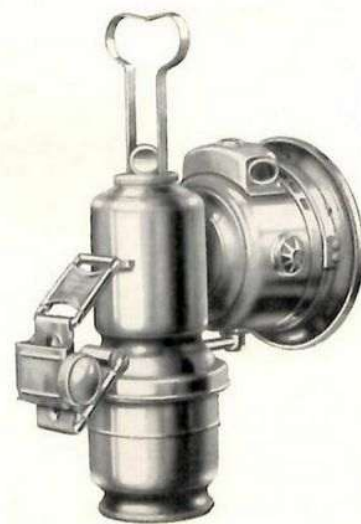
### No 143 . . .

(ACETYLENE)

*This Model is now  
supplied in  
All-weather Finish  
(Ebony Black,  
Chromium Plated Parts.)*



"CALCIA CLUB"  
No. 143



No. 143  
WITH BAIL

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS

## "CALCIA CADET"

### No 133 . . .

(ACETYLENE)

The "Calcia Cadet" (No. 133) is a smaller pattern than No. 143 described on page 17, but is similar in design. It has a cylindrical front which slides off for cleaning, and our quick-action type of carbide container fixing, also a non-detachable water-filler cap. It is our cheapest gas lamp and is undoubtedly the best value ever offered, at the price, to the cycling public. It has a properly ventilated atmospheric burner, a patented burner cleaner which is carried inside the Lamp, and it is fitted with side glasses. The back is strong and durable.

#### "CALCIA CADET."

Height, 5 $\frac{1}{4}$  in. Weight, 14 oz. Glass, 2 $\frac{3}{4}$  in. Burns about 3 hours.

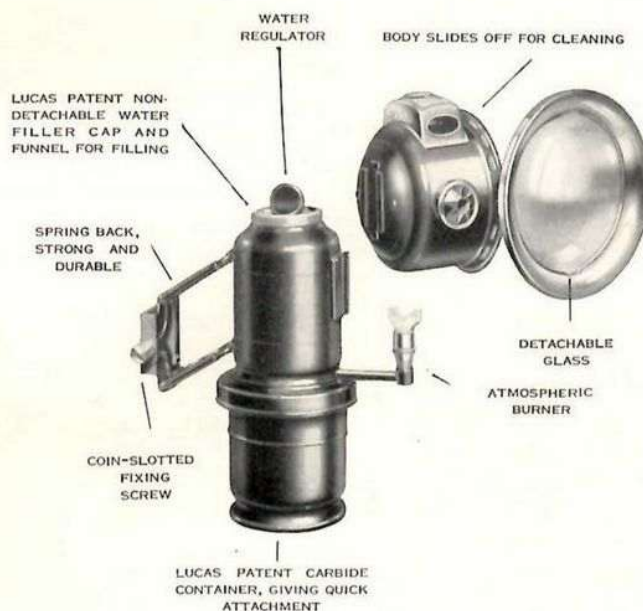
Code Word	No.	Finish	CASH PRICE EACH
LAKUD	133	All Nickel Plated	5/-
LAKYA	133B	Ebony Black, Plated Parts	5/-
LAWUZ	133BCP	Ebony Black, Chromium Plated Parts	5/6

The above Lamps can be supplied with a removable carrying bail which enables them to be used as handlamps when required. Bail, 6d. extra.

Genuine Lucas Atmospheric Burner for this Lamp,  
No. 10S, 4d. each.



"CALCIA CADET"  
No. 133



"CALCIA CADET" No. 133B

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



The "Silver King" (No. 300) is acknowledged everywhere as "THE WORLD'S BEST OIL LAMP," and is so well known that it requires but little description. During the many years it has been on the market it has enjoyed an increasing measure of popularity. Improvements have been made from time to time, no pains being spared in making for perfection in design, workmanship and finish. It is the accepted standard of excellence in cycle oil lamps.

The "Silver King" has a large oil vessel, **Double-convex Lens**, **detachable Glass-covered Reflector**, hinged side door, and the body opens right down for cleaning. It also has a hinged inner cone, which allows both the cone and inside of the body to be easily cleaned.

In addition to the well-known Lucas Ebony Black and Nickel Plated finishes for lamps, a development is that of Chromium Plating of certain parts of the lamp, which gives the appearance of highly polished silver. This finish will not tarnish in service, retains its first brilliance, and a minimum amount of cleaning only is necessary—a wipe over with a damp cloth removes any dust or dirt.

# LUCAS

## "SILVER KING"

### Nº 300..

(OIL)

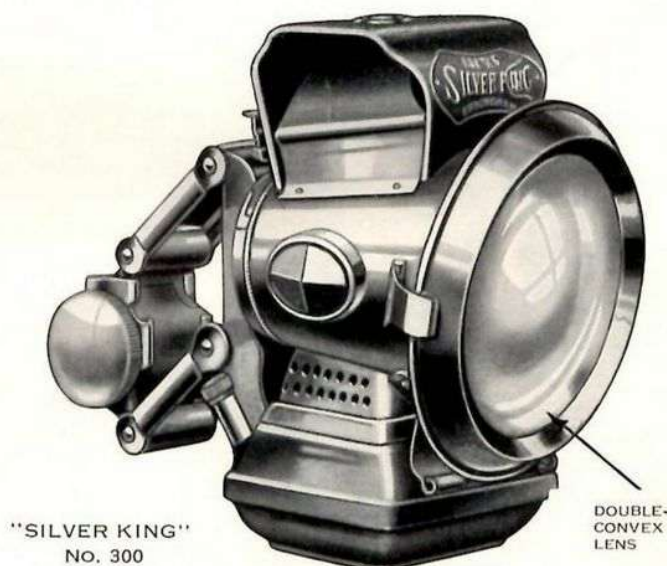
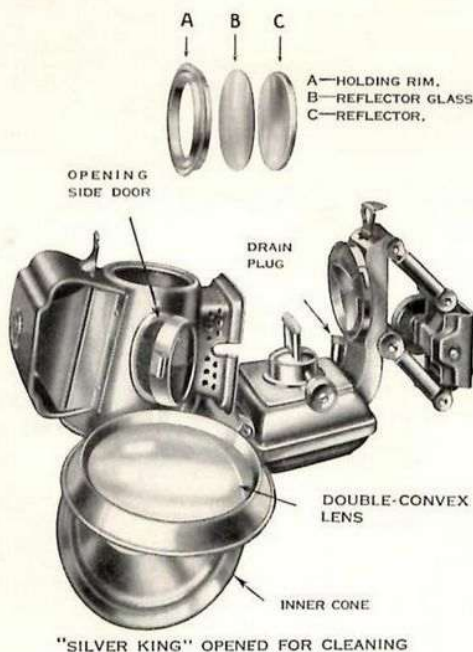
#### "SILVER KING"

With  $2\frac{3}{4}$  in. Double-convex Lens and Glass-covered Reflector.

Height, 5 in.      Weight,  $16\frac{1}{2}$  oz.      Lens,  $2\frac{3}{4}$  in.      Burner,  $\frac{3}{4}$  in.

Code Word	No.	Finish	CASH PRICE EACH
LAMAS	300	All Nickel Plated .. ..	16/6
LACET	300B	Ebony Black, Plated Parts ..	16/6
LAWYV	300BCP	Ebony Black, Chromium Plated Parts ..	17/6

*Now supplied in  
All-weather Finish  
(Ebony Black,  
Chromium Plated Parts).*



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# LUCAS

## "CAPTAIN"

### Nº 59 . . .

(OIL)

*Now supplied in  
All-weather Finish  
(Ebony Black,  
Chromium Plated Parts).*

The "Captain" (No. 59) has been on the market many years, and is known as a reliable light-giver at a moderate price. This pattern, being of an attractive design, is a favourite fitment on ladies' machines.

It is fitted with a **Double-convex Lens** and fixed oil vessel, and opens right down for cleaning.

The Lamp is packed in a two-colour box which is very suitable for window-display.

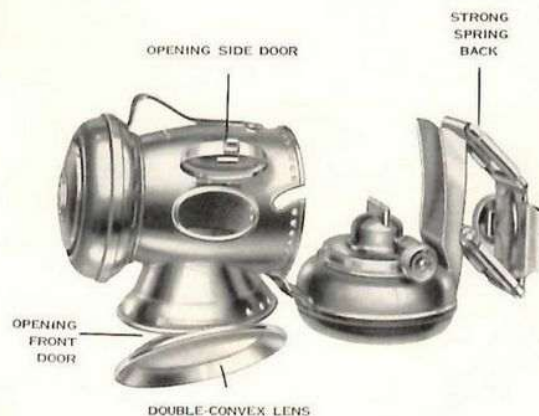
The "Captain," in addition to being listed in the well-known Lucas Ebony Black and Nickel Plated finishes, is listed in an All-weather finish, Ebony Black with Chromium Plated Parts, which gives the appearance of highly polished silver. These parts will not tarnish in service, retain their first brilliance, and a minimum amount of cleaning only is necessary—a wipe over with a damp cloth removes any dust or dirt.

**"CAPTAIN"**  
With  $2\frac{1}{4}$  in. Double-convex Lens.

Height,  $4\frac{3}{4}$  in.      Weight, 12 oz.      Lens,  $2\frac{1}{4}$  in.      Burner,  $\frac{3}{4}$  in.

Code Word	No.	Finish	CASH PRICE EACH
LA1AT	59	All Nickel Plated . . . . .	8/6
LA1EM	59B	Ebony Black, Plated Parts . . . . .	8/6
LAYAV	59BCP	Ebony Black, Chromium Plated Parts . . . . .	9/-

The FINISH required MUST BE SPECIFIED when ordering.



"CAPTAIN" OPENED, SHOWING ACCESSIBILITY

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road

The "Kinglet" (No. 62) is our best Lamp of the square type, and is a well-known pattern, giving entire satisfaction.

It is fitted with a **Double-convex Lens** and **Glass-covered Reflector** which is readily accessible for cleaning. The hinged side door allows the Lamp to be lit in the highest winds. A well-made Lamp of robust construction, built to withstand rough usage. It opens right down for cleaning purposes. This model is now supplied in All-weather finish: Ebony Black, Chromium Plated Parts.

## LUCAS "KINGLET" No 62 . . .

(OIL)

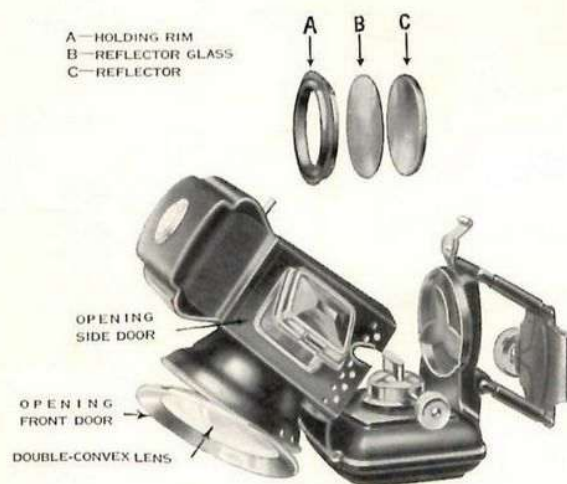
### "KINGLET"

With  $2\frac{1}{4}$  in. Double-convex Lens and Glass-covered Reflector.

Height,  $4\frac{3}{4}$  in.      Weight, 13 oz.      Lens,  $2\frac{1}{4}$  in.      Burner,  $\frac{3}{4}$  in.

Code Word	No.	Finish	CASH PRICE EACH
LAHIE	62B	Ebony Black, Plated Parts .. ..	7/6
LAYEW	62BCP	Ebony Black, Chromium Plated Parts .. ..	8/-
LAIBO	62	All Nickel Plated .. ..	8/6

The FINISH required MUST BE SPECIFIED when ordering.



"KINGLET" OPENED FOR CLEANING



"KINGLET" No. 62B

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS

## "PATHFINDER" No 43 AND "PLANET" No 33

(OIL)

The "Pathfinder" (No. 43) is fitted with a **Plano-convex Lens** and an opening side glass. The oil vessel is hinged and the Lamp opens for cleaning. The back is strong and durable.

### "PATHFINDER." With Plano-convex Lens.

		Height, 4 $\frac{3}{4}$ in.	Weight, 11 oz.	Lens, 2 $\frac{1}{4}$ in.	Burner, $\frac{3}{4}$ in.		
Code Word	No.	Finish				CASH PRICE EACH	
LAZAR	43B	Black, Plated Parts .. .. .				4/-	
LAYIX	43BCP	Black, Chromium Plated Parts .. .. .				4/6	
LAWNY	43	Nickel Plated .. .. .				5/-	

The "Planet" (No. 33) is our very cheap Oil Lamp. We wish to call particular attention to the high-class finish always associated with "Lucas" goods, which has been fully maintained in this pattern, no sacrifice having been made in this direction to produce it at the price. This Lamp is fitted with a **Plano-convex Lens** which, being practically unbreakable, obviates the necessity of a detachable front glass. The oil vessel is hinged and cannot get lost, and it has also a hinged side door opening. The back is strong, and the Lamp is of standard Lucas workmanship throughout and bears our Trade Mark.

### "PLANET." With Plano-convex Lens.

		Height, 4 $\frac{3}{4}$ in.	Weight, 9 oz.	Front, 2 $\frac{1}{2}$ in.	Burner, $\frac{3}{4}$ in.		
Code Word	No.	Finish				CASH PRICE EACH	
LALID	33B	Black, Plated Parts .. .. .				2/-	
LAYOM	33BCP	Black, Chromium Plated Parts .. .. .				2/3	
LALOP	33	Nickel Plated .. .. .				3/-	

The FINISH required MUST BE SPECIFIED when ordering.



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



The No. 23T meets the demand of the cyclist who requires a cheap, reliable and well-made Oil Tail Lamp.

The oil vessel, of ample capacity, is hinged, so cannot become detached through vibration. The opening side door allows it to be readily lit in the highest winds. It is very accessible for cleaning and should be carried **low down** on the **back stay** by means of the No. 17 Bracket shown below.

# LUCAS

## TAIL LAMP

### No 23T . .

No. 23T Height,  $4\frac{3}{4}$  in. Weight,  $8\frac{1}{2}$  oz. Glass,  $1\frac{5}{8}$  in. Burner,  $\frac{3}{4}$  in.

Code Word	No.	Finish	CASH PRICE EACH
LALUK ..	23T ..	Black ..	2/-

Tail Lamp Bracket No. 17, for back stay, to carry Tail Lamps. Will suit either Round ( $\frac{3}{4}$ - $\frac{7}{8}$  in.), Oval ( $\frac{7}{8}$ -1 in.), or "D" ( $\frac{7}{8}$ -1 in.) section forks. When ordering, state size and which sections forks.

Code Word	No.	Finish	CASH PRICE EACH
MANAP ..	17 ..	Black ..	1/-



NO. 17 BRACKET  
FOR BACK STAY



"PATHFINDER" NO. 43B  
OPENED FOR CLEANING



"PLANET" NO. 33B  
SHOWING ACCESSIBILITY



TAIL LAMP NO. 23T

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





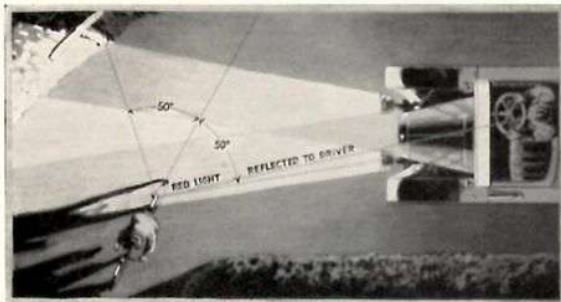
## LUCAS "SIGNA" AND "SIGNALITE" REFLECTOR REAR LAMPS Nos 329 & 328

GUARANTEED  
APPROVED TYPE

National Physical Laboratory  
Certificates Nos. 104 and 109.



LUCAS "SIGNA"  
No. 329M, WITH MUDGUARD  
FIXING, 1/9



DIAGRAMMATIC SKETCH SHOWING THE WIDE  
ANGLE OF REFLECTION OF THE LUCAS "SIGNA"  
REFLECTOR REAR LAMP.

The Lucas "Signa" Reflector Rear Lamp is the most efficient reflector made—it must not be confused with the "glinting" facet type of reflector. It amply meets the regulations of the Lighting Act which makes compulsory the fitting of a rear reflector of guaranteed efficiency (or live rear lamp) on every pedal cycle.

The "Signa" has a wide angle of reflection, and even if the beam of light from an overtaking vehicle should strike the "Signa" at any angle up to 50° on either side of its axis, it will reflect and return a good red light back to the original source of light (*i.e.*, the vehicle).

Therefore, drivers of other vehicles will see the warning light of the "Signa" Lamp even if they are travelling on the "off" side of the road, or if the cyclist is riding diagonally to their path of approach (see illustration). The wide angle of collection of the "Signa" also enables it to be effective even if it is set askew on the machine or pointing upwards.

The "Signa" is supplied with fixings as follows:—

No. 329S, model with strong clip to fix on the rear stay. "D" clip is supplied as standard, but Round or Oval clips can be supplied if specially ordered.

No. 329M, which fixes upright on the rear mudguard by means of a rigid bracket clip and screws.

"SIGNA" Weight, 2½ oz. Ruby Lens, 1½ in.

Code Word	No.		Finish	CASH PRICE EACH
LATEN	329S	With Stay Fixing.	Black	1/9
LASAF	329M	With Mudguard Fixing	Black	1/9

The Lucas "Signalite" Reflector Rear Lamp meets the regulations of the Lighting Act. The body is beaded and aluminium finish which, with the black clip and brackets, gives a very smart appearance.

The "Signalite" is supplied with fixings as follows:—

No. 328S is fitted with "D" clip, to fix on rear stay, as standard. Round or Oval clips can be supplied if specially ordered.

No. 328M fixes upright on the rear mudguard by means of a strong bracket clip and screws.

"SIGNALITE" Weight, 2¼ oz. Ruby Lens, 1½ in.

Code Word	No.		Finish	CASH PRICE EACH
LARYO	328S	With Stay Fixing.	Black and Aluminium	1/-
LATOM	328M	With Mudguard Fixing.	Black and Aluminium	1/-



LUCAS "SIGNALITE"  
No. 328S, WITH STAY  
FIXING, 1/-

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road

In the years before the war, Lucas produced the first all-British Cyclometer, a very successful model which became one of the most popular of all Lucas "Cyclealities." Discontinued during 1914-1918 for obvious reasons, it is now being re-introduced in thoroughly up-to-date form, re-designed, produced by the most modern machinery, and of characteristic "King of the Road" quality throughout.

The body of the cyclometer, which is very neat, light and strong, is mounted on a special adjustable bracket (processed to prevent rust) which fits over the front hub spindle between the fork and the fixing-nut.

The counter is actuated by a star wheel, which is engaged at each revolution of the cycle wheel by a striker fixed to one of the spokes, near the hub. Both striker and star wheel are of robust construction and made to withstand years of wear. The star wheel is riveted rigidly to the cyclometer spindle, and the actuating pin of the striker will not bend or break.

The internal gearing is made to precision standards and represents in its minute accuracy a fine example of Lucas craftsmanship.

Bright, easily-read white numbers record the mileage, and a final red number registers tenths of a mile. The cyclometer registers accurately up to 10,000 miles, and then repeats.

The cyclometer is completely water and dust-proof, and needs absolutely no oiling. Two models are supplied—one, the **M26** for bicycles with 26-inch wheels, and the other, **No. M28** for machines with 28-inch wheels.

They are attractively boxed, and when ordered in dozen lots are supplied in a counter display carton.

## LUCAS "KING OF THE ROAD" CYCLOMETERS.

Code Word	No.	Finish	CASH PRICE EACH
CYGYL	<b>M26</b> (for 26-in. wheels).	Chromium Plated finish ..	3/6
CYGC	<b>M28</b> (for 28-in. wheels).	Chromium Plated finish ..	3/6

*Nickel Plated finish can be supplied if ordered.*



VIEW SHOWING CYCLOMETER  
IN POSITION.

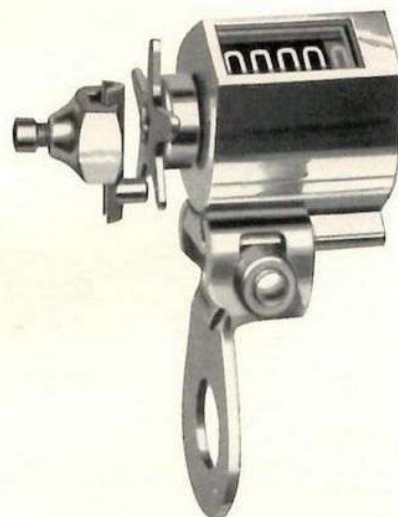
# LUCAS

## "KING OF THE ROAD"

### CYCLOMETERS

### N<sup>OS</sup> M26 & M28

#### NEW MODELS



LUCAS  
"KING OF THE ROAD"  
CYCLOMETER

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





KING OF THE ROAD

# Lucas Bells heard

## LUCAS SPECIAL L. S. D. BELL No 65

THE LOUDEST  
BELL MADE

*Now supplied in  
Chromium Plated Finish.*

The "Lucas Spring Dome" Bell (No. 65) is the most effective bell made, and is specially recommended for town riding. The dome is supported upon a spring holder of our own invention, which enriches the tone and reduces the chance of breakage in case of a blow or fall.

In casting our domes we employ a special alloy, a combination of the purest metals, thus ensuring the unequalled purity of tone and penetrative power by which Lucas Bells are so readily distinguished.

The Lucas Trade Mark Medallion is affixed to the dome as illustrated, greatly enhancing its appearance.

This Bell has the Lucas Rotary Movement, and is, in the long run, economical, as it remains effective for many years. It has the Lucas Band Clip, which fits all bars up to one inch.

### L. S. D. No. 65

WITH  $3\frac{1}{4}$  IN. BEADED DOME AND LUCAS BAND CLIP.

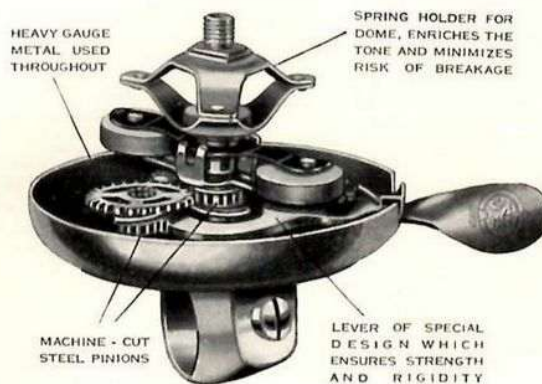
Code Word	No.	Finish	CASH PRICE EACH
BALMA	65	With $3\frac{1}{4}$ in. Beaded Dome, Nickel Plated	.. 6/6
BEAFO	65EB	" " " " Ebony Black..	.. 6/6
BELUG	65CP	" " " " Chromium Plated	.. 6/6

The FINISH required MUST BE SPECIFIED when ordering.



L. S. D.  
BELL  
No. 65

These Bells are packed in attractive cardboard boxes, while the latter are enclosed in "Outers" containing one dozen.



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*all over the World*



KING OF THE ROAD

The Lucas Revolving Dome Bell No. 34 is designed and constructed on entirely new and original lines, to ensure durability as well as clearness and loudness of tone.

The patented clutch, which actuates the dome, is particularly good. It contains no springs and is absolutely positive in action. The dome spindle is mounted in long bearings, to minimize wear.

A light touch on the lever produces a clear penetrating tone, musical and effective.

The careful mechanical construction eliminates all rattle, while the absence of noise from the rack and wheelwork gives the pure tone full effect. It is supplied in Chromium Plated, Nickel Plated or Ebony Black finish, and the Medallion Trade Marks affixed to the domes give it a very handsome appearance.

**No. 34 WITH 2 5/8 IN. REVOLVING DOMES.**

Code Word	No.	Finish	CASH PRICE EACH
BELOT ..	34 ..	Nickel Plated ..	5/6
BELIB ..	34EB ..	Ebony Black ..	5/6
BELYR ..	34CP ..	Chromium Plated ..	6/-

The Lucas Revolving Dome Bell No. 32 has a very good tone and will give a succession of clear, musical chimes which are very effective.

The special clutch is always positive, having no movable pawls to get out of action, and the driving pinions, being machine-cut, are clean and smooth in action, while the domes and frame are strongly built throughout of non-ferrous metal and will not rust.

**No. 32 WITH 2 3/4 IN. REVOLVING DOMES.**

Code Word	No.	Finish	CASH PRICE EACH
BELBY ..	32 ..	Nickel Plated ..	3/6
BELCA ..	32EB ..	Ebony Black ..	3/6
BELAN ..	32CP ..	Chromium Plated ..	4/-

The FINISH required MUST BE SPECIFIED when ordering.



NO. 32 BELL



INTERNAL  
VIEW OF  
NO. 34 BELL



NO. 34 BELL

These Bells are packed in attractive cardboard boxes, while the latter are enclosed in "Outers" containing one dozen.

# LUCAS

## REVOLVING DOME BELLS Nos 34 AND 32

*All Bells can  
now be supplied in  
Chromium Plated Finish.*

Bells and  
Accessories



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# Lucas Bells heard

## LUCAS "KING" No 61 "BABY" No 62 AND "BURBURY" No 82 BELLS

SELECT A BELL BY ITS  
TONE—TRY A LUCAS

These are our best quality "Fixed Dome" Bells, with the same rotary action as the "L.S.D.," and domes of the same quality, but not beaded. The "King" and "Baby" Bells have achieved popularity by their purity of tone and penetrative power. This full tone, of splendid quality, is ensured by the casting of the domes in our own special bell metal. They have our TRADE MARK—the MARK OF QUALITY—affixed to the dome, as illustrated.

### "KING," with 2½ in. Bell-Metal Dome.

Code Word	No.	Finish	CASH PRICE EACH
BAGER ..	61	Plated .. ..	3/-
BEACE ..	61EB	Ebony Black .. ..	3/-
BELEB ..	61CP	Chromium Plated .. ..	3/2

### "BABY," with 2¼ in. Bell-Metal Dome.

Code Word	No.	Finish	CASH PRICE EACH
BALIA ..	62	Plated .. ..	2/9
BEADI ..	62EB	Ebony Black .. ..	2/9
BELPP ..	62CP	Chromium Plated .. ..	2/11

"Burbury" Bells are cheaper lines with the Lucas Rotary Movement. They are good reliable bells at popular prices, surpassed only by first-grade bells of our own make.

### "BURBURY," with 2¼ in. Bell-Metal Dome, Lucas Band Clip.

Code Word	No.	Finish	CASH PRICE EACH
BAVIT ..	82	Nickel Plated .. ..	2/3
BELST ..	82EB	Ebony Black .. ..	2/3
BELOL ..	82CP	Chromium Plated .. ..	2/5

The FINISH required MUST BE SPECIFIED when ordering.



"KING" BELL  
No. 61



"BABY"  
No. 62



"BURBURY"  
No. 82

These Bells are packed in attractive cardboard boxes which are enclosed in "Outers" containing the following quantities:—

No. 61 ..	1 doz.
No. 62 ..	2 doz.
No. 82 ..	2 doz.

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*all over the World*



KING OF THE ROAD

No. 73 "Burbury" Bell, a smaller bell than the No. 82, has the Lucas Rotary Movement, and is now supplied in three finishes.

"BURBURY" No. 73, with 1 7/8 in. Bell-Metal Dome and Lucas Band Clip.

Code Word	No.	Finish	CASH PRICE EACH
BATUM ..	73 ..	Nickel Plated ..	1/9
BEBUR ..	73EB ..	Ebony Black ..	1/9
BELBI ..	73CP ..	Chromium Plated ..	1/11

The "Lucas-Challis" Bells work on a clever principle, the hammer moving rapidly from side to side of the Bell, producing very hard blows, and giving forth a loud and effective "GET-OUT-OF-THE-WAY-WITH-YOU!" sort of ring. No. 50 is fitted with the Lucas Band Clip and Bell-Metal Dome.

"LUCAS-CHALLIS" No. 50, with 3 in. Bell-Metal Dome.

Code Word	No.	Finish	CASH PRICE EACH
BATYL ..	50 ..	Nickel Plated ..	2/4
BEABA ..	50EB ..	Ebony Black ..	2/4
BELIN ..	50CP ..	Chromium Plated ..	2/6

The model, "Lucas-Challis" Bell No. 30, was introduced last season. Similar in design and movement to our world-famed No. 50, the original "Challis" Bell, it is a lower-priced model because it has a steel dome and two-screw clip instead of a bell-metal dome and Lucas Band Clip which are fitted to the No. 50 "Lucas-Challis" Bell.

"LUCAS-CHALLIS" No. 30, with 3 in. Steel Dome.

Code Word	No.	Finish	CASH PRICE EACH
BELRK ..	30 ..	Nickel Plated ..	1/4
BELSY ..	30EB ..	Ebony Black ..	1/4
BELAH ..	30CP ..	Chromium Plated ..	1/6

NOTE.—Beware of Imitations—All Genuine "Lucas-Challis" Bells bear our name.

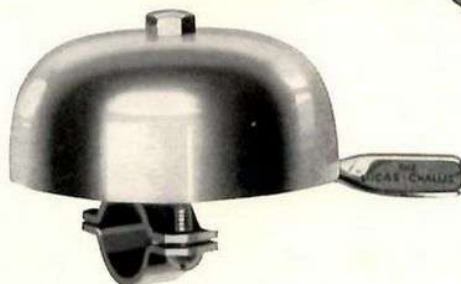
The FINISH required MUST BE SPECIFIED when ordering.



"LUCAS-CHALLIS"  
(BELL-METAL DOME)  
NO. 50



"BURBURY"  
No. 73EB



"LUCAS-CHALLIS"  
(STEEL DOME)  
NO. 30

These Bells are packed in attractive cardboard boxes which are enclosed in "Outers" containing the following quantities:—

No. 50 ..	1 doz.
No. 30 ..	1 doz.
No. 73 ..	3 doz.

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# Lucas Bells heard

## LUCAS BELL-METAL DOME . . BELLS . . N<sup>os</sup> 25 AND 21

The **Lucas Nos. 25 and 21 Bells** have pressed Bell-Metal Domes, heavily plated, and are fitted with the Lucas Medallion, which makes them at once neat and attractive in appearance.

Their striking anvils are not merely welded on, but form an integral part of the dome itself, which prevents the possibility of the anvil breaking off, and enhances their purity of tone.

Careful mechanical construction eliminates all rattle. The pinions are machine-cut, ensuring a clean and smooth action.

These bells are finished with black bases, and the usual Lucas quality is embodied in their production.

### No. 25, WITH $2\frac{5}{16}$ IN. PRESSED BELL-METAL DOMES.

Code Word	No.	Finish	CASH PRICE EACH
BELCO	25	Nickel Plated, Black Bases .. ..	1/9
BELCT	25CP	Chromium Plated „ „ .. ..	1/11

### No. 21, WITH $2\frac{1}{16}$ IN. PRESSED BELL-METAL DOMES.

Code Word	No.	Finish	CASH PRICE EACH
BELCU	21	Nickel Plated, Black Bases .. ..	1/6
BELDA	21CP	Chromium Plated „ „ .. ..	1/8

The FINISH required MUST BE SPECIFIED when ordering.

The above models are supplied in Nickel Plated or Chromium Plated as standard ; Ebony Black can be supplied if ordered.



NO. 25

These Bells are packed in attractive cardboard boxes which are enclosed in "Outers" containing the following quantities :—

No. 25 .. .. 2 doz.  
No. 21 .. .. 3 doz.



NO. 21

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*all over the World*



KING OF THE ROAD

The Lucas Steel-Dome Bells, Nos. 256, 216 and 236, have special alloy steel domes and our improved pattern rotary hammer.

They give a remarkably clear penetrating ring, and as the striking anvils in the domes are formed from part of the dome itself, and not merely welded on, the purity of tone is greatly enhanced, and there is no possibility of this part breaking off.

The pinions are machine-cut, and therefore clean and smooth in action, while the pommel is riveted securely in the dome, so cannot work loose.

The domes are heavily plated, and the bases finished in grey, which completes their smart appearance.

These Bells are of the high standard of workmanship and finish always associated with Lucas goods.

**No. 256.**  $2\frac{5}{16}$  IN. STEEL DOME, MEDALLION, TWO-SCREW CLIP.

Code Word	No.	Finish	CASH PRICE EACH
BELCE ..	256 ..	Nickel Plated ..	1/4
BELFE ..	256CP	Chromium Plated ..	1/6

**No. 216.**  $2\frac{1}{16}$  IN. STEEL DOME, MEDALLION, TWO-SCREW CLIP.

Code Word	No.	Finish	CASH PRICE EACH
BELCI ..	216 ..	Nickel Plated ..	1/-
BELGO ..	216CP	Chromium Plated ..	1/2

**No. 236.** WITH  $2\frac{3}{16}$  IN. STEEL DOME AND TWO-SCREW CLIP.

Code Word	No.	Finish	CASH PRICE EACH
BELDA ..	236 ..	Nickel Plated ..	9d.
BELNU ..	236CP	Chromium Plated ..	11d.

The FINISH required MUST BE SPECIFIED when ordering.

*Nickel and Chromium Plated are standard finishes: Ebony Black can be supplied if ordered.*

# LUCAS

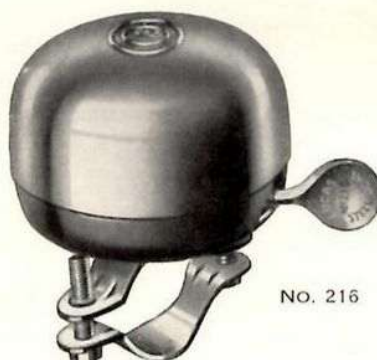
## STEEL-DOME BELLS . .

### N<sup>os</sup> 256, 216 AND 236 . .

*These Bells can be supplied with special clips to enable them to be fitted to Juvenile Cycles, Scooters, etc.*



NO. 236



NO. 216



NO. 256

These Bells are packed in attractive cardboard boxes which are enclosed in "Outers" containing the following quantities:—

No. 256 ..	2 doz.
No. 216 ..	3 doz.
No. 236 ..	2 doz.

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

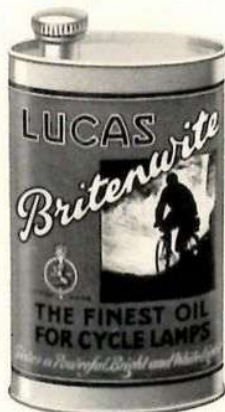


# King of the Road



## LUCAS

LAMP BRACKETS,  
"GEM" LOCK . .  
HAND BAIL AND  
"BRITENWITE"  
BURNING OIL



LUCAS  
"BRITENWITE"  
BURNING OIL

### LUCAS LAMP BRACKETS FOR PEDAL CYCLES.

Lamp Bracket No. 10 is introduced to meet the demand for a strong bracket to carry the larger lamps. It fits in the usual position on the head of the machine.

Code Word	No.	Finish	CASH PRICE EACH
MACEC ..	10B ..	Black .. ..	8d.
MOCLE ..	10CP ..	Chromium Plated .. ..	1/3

Lamp Bracket No. 16 is designed for fork sides to carry Front Lamps, and Lamp Bracket No. 17, for back stay, to carry Tail Lamps. Both brackets will suit either Round ( $\frac{3}{8}$  in.), Oval ( $\frac{7}{8}$  in.), or "D" ( $\frac{7}{8}$  in.) section forks. When ordering, state size and which section forks.

Code Word	No.	Finish	CASH PRICE EACH
MANAD ..	16 ..	Black .. ..	1/-
MANAF ..	17 ..	Black .. ..	1/-

### LUCAS HAND BAIL.

The attachment of the Lucas Hand Bail to the Lucas Acetylene Lamps Nos. 157, 143 and 133 enables them to be used as hand carrying lamps. The fitment is extremely simple, and the lamps, when fitted, fulfil the two-fold purpose of a cycle lamp and an inspection lamp. See page 17 for illustration.

Code Word	Finish	CASH PRICE EACH
HAPCE Hand Bail.	Nickel Plated .. ..	6d.

### THE LUCAS "GEM" CYCLE LOCK.

The "Gem" Lock is compact, convenient and strong.

Code Word	No.	Finish	CASH PRICE EACH
GMLOC ..	104	Nickel Plated .. ..	2/-

When ordering keys for replacement, please state the number stamped on body of lock.

### LUCAS "BRITENWITE" BURNING OIL.

This oil gives a bright and white light. Our experience shows that many cyclists have trouble with their lamps through using an inferior or unsuitable oil. "Brittenwite" has given great satisfaction where other oils have failed.

Supplied in tins containing 7 fluid ozs. .. .. 6d. each



NOS. 16 & 17  
BRACKETS  
FOR FRONT FORKS  
AND BACK STAY



NO. 10  
BRACKET



"GEM"  
CYCLE  
LOCK

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# LUCAS

## MOTOR-CYCLE LAMPS

(ACETYLENE AND ELECTRIC) AND

## MOTOR-CYCLE ALITIES

### 1934

.....Designed and Manufactured by.....

## JOSEPH LUCAS LIMITED

HEAD OFFICES AND WORKS:  
GREAT KING STREET, BIRMINGHAM, 19

TELEGRAMS and CABLES - - - - - "LUCAS, BIRMINGHAM."  
TELEPHONE - - - - - NORTHERN 5201 (12 LINES)  
CODES USED - - - - - A B C (5th and 6th Editions), BENTLEYS and BENTLEYS 2nd

### SERVICE DEPÔTS:

<b>BELFAST</b>	3/5, CALVIN STREET, MOUNT POTTINGER
TELEGRAMS: "SERVDEF, BELFAST"	TELEPHONE: BELFAST 7017
<b>BIRMINGHAM, 18</b>	GREAT HAMPTON STREET
TELEGRAMS: "LUCAS, BIRMINGHAM"	TELEPHONE: CENTRAL 8401 (10 lines)
<b>BRIGHTON</b>	85, OLD SHOREHAM ROAD, HOVE
TELEGRAMS: "LUSERV, BRIGHTON"	TELEPHONE: PRESTON 3001 (4 lines)
<b>BRISTOL</b>	345, BATH ROAD
TELEGRAMS: "KINGLY, BRISTOL"	TELEPHONE: BRISTOL 76001 (4 lines)
<b>CARDIFF</b>	54a, PENARTH ROAD
TELEGRAMS: "LUCAS, CARDIFF"	TELEPHONE: CARDIFF 4603 (4 lines)
<b>COVENTRY</b>	PRIORY STREET
TELEGRAMS: "LUCAS, COVENTRY"	TELEPHONE: COVENTRY 3068
<b>DUBLIN</b>	PORTLAND STREET NORTH, NORTH CIRCULAR ROAD
TELEGRAMS: "LUSERV, DUBLIN"	TELEPHONE: DRUMCONDRA 434 (6 lines)
<b>EDINBURGH, 11</b>	32, STEVENSON ROAD, GORGIE
TELEGRAMS: "LUSERV, EDINBURGH"	TELEPHONE: EDINBURGH 62921 (4 lines)
<b>GLASGOW</b>	227/229, ST. GEORGE'S ROAD
TELEGRAMS: "LUCAS, GLASGOW"	TELEPHONE: DOUGLAS 3075 (5 lines)
<b>LEEDS</b>	64, ROSEVILLE ROAD
TELEGRAMS: "LUSKRDPE, LEEDS"	TELEPHONE: LEEDS 28591 (5 lines)
<b>LIVERPOOL, 13</b>	450 456, EDGE LANE
TELEGRAMS: "LUSERV, LIVERPOOL"	TELEPHONE: OLD SWAN 1408 (4 lines)
<b>LONDON</b>	DORDRECHT ROAD, ACTON VALE, W.3
TELEGRAMS: "DYNOMAGNA, EALUX, LONDON"	TELEPHONE: SHEPHERD'S BUSH 3160 (10 lines)
<b>LONDON</b>	757 759, HIGH ROAD, LEYTON, E.10
TELEGRAMS: "LUSERDEF, WALT, LONDON"	TELEPHONE: LEYTONSTONE 3361 (4 lines)
<b>LONDON</b>	155, MERTON ROAD, WANDSWORTH, S.W.18
TELEGRAMS: "LUSERV, PUT, LONDON"	TELEPHONE: PUTNEY 5131 (6 lines) & 5501
<b>MANCHESTER</b>	TALBOT ROAD, STRETFORD
TELEGRAMS: "LUCAS, STRETFORD"	TELEPHONE: LONGFORD 1101 (5 lines)
<b>NEWCASTLE-ON-TYNE, 2</b>	64 66, ST. MARY'S PLACE
TELEGRAMS: "MOTOLITE, NEWCASTLE-ON-TYNE"	TELEPHONE: CENTRAL 25571 (3 lines)

*In addition there are Official Battery Service Agents, Official Spares Stockists and Official Spares Dealers in all parts of the country.*





*The Memory of Quality remains*

# LUCAS

"KING OF THE ROAD"  
MOTOR-CYCLE  
PROJECTOR  
SET N° 462FS

(ACETYLENE)

No. 462 Projector is built with a special Mangin Lens Mirror and Parabolic Reflector, producing a powerful penetrative light, enabling the rider to discern pedestrians, vehicles or obstacles at a considerable distance, while it provides the necessary breadth of beam to illuminate the full width of the road near the rider. The flame is absolutely steady and unvarying, and is not affected by cross winds.

Patented side-sockets are fitted which permit the Projector to be swung round for inspection purposes without being removed from bracket.

The Generator is of the drip-feed type and has a two-way nipple. The carbide container is fixed or unfixed by a slight turning movement. On the Sports Models it has a special adjustable bracket, enabling it to be fitted to the bars or down tubes, as required.

Dimensions of Projector : Height, 6½ in. Weight, 3 lbs.

COMPLETE SET No. 462FS comprises :—

Projector No. 462.  
Generator No. 62.  
Generator Bracket No. 37.  
Fork Brackets No. 39 for front forks, and Tubing.

No. 39 Brackets are supplied to suit either 1½ in. or 2 in. forks.

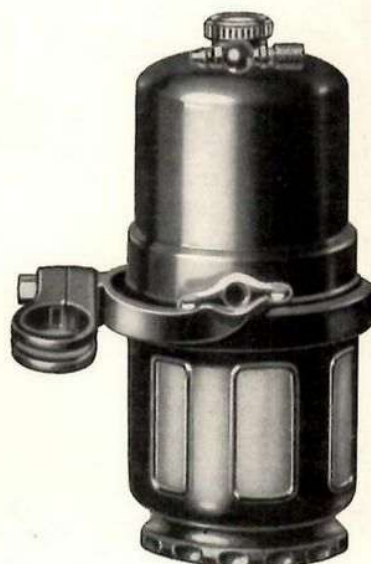
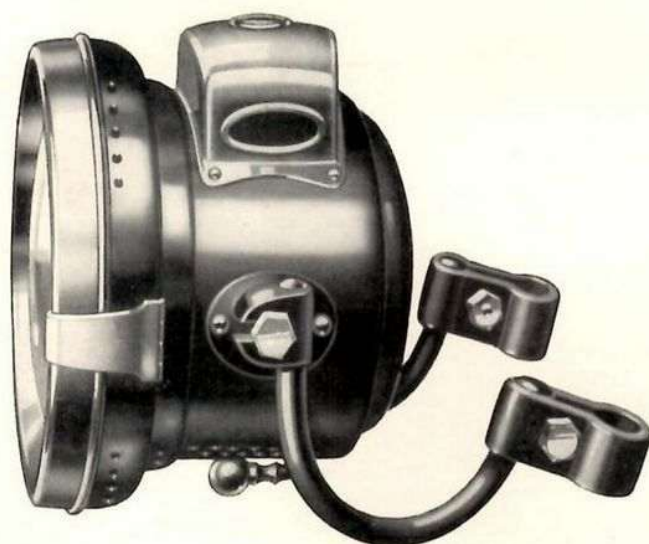
Code Word			CASH PRICE
AGECT	In Ebony Black finish, Chromium Plated Parts	.. ..	£2 10 0

PROJECTOR ONLY, No. 462.

Code Word			
AGEDA	In Ebony Black finish, Chromium Plated Parts	.. ..	1 10 6

GENERATOR ONLY, No. 62.

Code Word			
LAADI	Supplies gas for 4½ hours. Ebony Black finish, Plated Parts..		15 0
MAFAH	No. 37 Generator Bracket for No. 62 Generator when used with Nos. 462FS and 462S Sets .. ..		2 6



"KING OF THE ROAD"  
NO. 462FS SET  
FOR FRONT FORKS

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



Front Fork Brackets No. 39 are designed to enable the Projector to be conveniently fitted to the front forks—a very popular fitting. These brackets are supplied to suit either  $\frac{5}{8}$  in. or  $\frac{3}{4}$  in. forks.

The Girder Sports Brackets No. 48, fitted on the No. 462S Sports Set, enable the Projector to be set well ahead of the handle-bars, to complete the general outline of a Sports Machine. They are strong and rigid and designed to withstand vibration.

A Double Bracket, carrying Projector and Generator on the handle-bar, is included in the No. 462 Set. It can be fixed to most standard machines, is adjustable for level, and will fit  $\frac{7}{8}$  in. or 1 in. bars.

All brackets are fitted with the new Lucas ball socket mounting which enables the Projectors to be set correctly without strain either to the lamps or brackets.

Front,  $6\frac{1}{2}$  in. Glass, 5 in. Burner No. 52

COMPLETE SET No. 462S comprises :—

- Projector No. 462.
- Generator No. 62.
- Generator Bracket No. 37.
- Girder Brackets No. 48 for handle-bar and Tubing.

Code Word

AGEFE In Ebony Black finish, Chromium Plated Parts

CASH PRICE

£2 10 0

COMPLETE SET No. 462 comprises :—

- As above, but without Generator Bracket No. 37, and with Double Bracket No. 61B for handle-bar instead of Girder Brackets No. 48.

Code Word

AGEGO In Ebony Black finish, Chromium Plated Parts

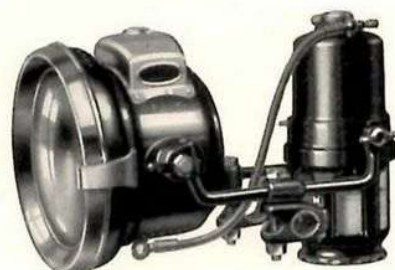
CASH PRICE

£2 10 0

# LUCAS

**"KING OF THE ROAD"  
MOTOR-CYCLE  
PROJECTOR  
SET NO. 462S**

(ACETYLENE)

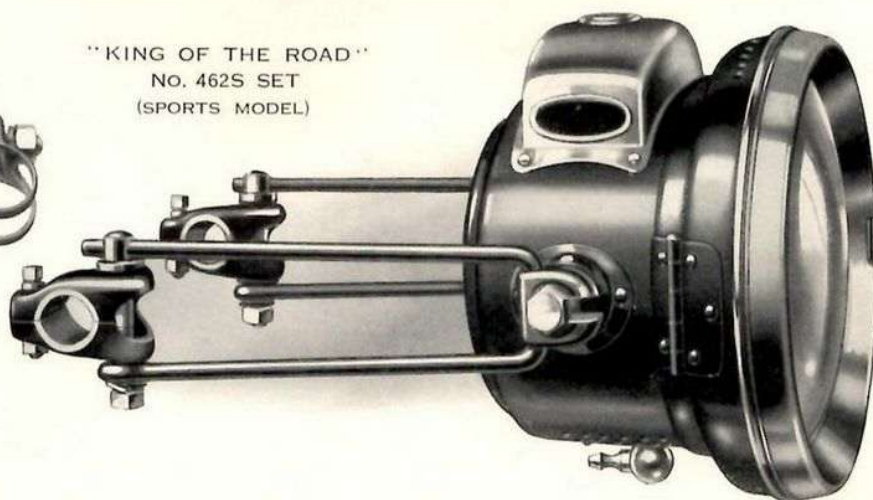


NO. 462 SET  
WITH DOUBLE BRACKET

Motor-Cycle  
Acetylene Lamps



"KING OF THE ROAD"  
NO. 462S SET  
(SPORTS MODEL)



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



## LUCAS

### "KING OF THE ROAD"

### MOTOR-CYCLE

### PROJECTOR

### SET NO. 420FS

(ACETYLENE)

**No. 420 Projector** is soundly constructed and fitted with a **Silvered Mirror Reflector** optically designed to throw a steady penetrative light a good way ahead, while at the same time the beam is sufficiently wide and divergent to light up the sides of the road. It is fitted with a **Reflector Extension**.

**The Generator** (of the drip-feed type) has a two-way nipple and our patented quick-action carbide container fixing, and in the case of the Nos. 420FS and 420S Sets it is supplied with a stirrup bracket, making it suitable for fixing to down tubes, etc., where required.

Dimensions of Projector :                      Height, 6½ in.                      Weight, 2¼ lbs.

**COMPLETE SET No. 420FS comprises :—**

**Projector No. 420.**

**Generator No. 42.**

**Generator Bracket No. 37.**

**Fork Bracket No. 39 for front forks and Tubing.**

No. 39 Brackets are supplied to suit either ⅝ in. or ¾ in. forks.

Code Word		CASH PRICE
AGENU	In Ebony Black finish, Chromium Plated Parts	£1 12 6

**PROJECTOR ONLY, No. 420.**

Code Word		
AGEPP	In Ebony Black finish, Chromium Plated Parts	18 6

**GENERATOR ONLY, No. 42.**

Code Word		
LACRI	Supplies gas for 4½ hours. Ebony Black finish . .	10 0

MAFAH	No. 37 Generator Bracket for No. 42 Generator when used with Nos. 420FS and 420S Sets	2 6
-------	---	-----



"KING OF THE ROAD"  
NO. 420FS SET  
FOR FRONT FORKS



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



*Continued.*

**Fork Brackets No. 39** are supplied with the No. 420FS Set, enabling the Projector to be fitted to front forks. They are supplied suitable for either  $\frac{5}{8}$  in. or  $\frac{3}{4}$  in. forks.

Our **Girder Brackets** are fitted on the Sports Model Set (No. 420S) enabling the Projector to be mounted well forward—completing the appearance of a Sports Machine.

The **Double Bracket** on the No. 420 Set is adjustable to allow the lamp to be tilted to the desired angle for the best projection of the light.

Front,  $6\frac{1}{2}$  in.      Glass, 5 in.      Burner No. 40

**COMPLETE SET No. 420S comprises :—**

- Projector No. 420.
- Generator No. 42.
- Generator Bracket No. 37.
- Girder Brackets No. 48 for handle-bar and Tubing.

Code Word      CASH PRICE  
AGERK      In Ebony Black finish, Chromium Plated Parts      £1 12 6

**COMPLETE SET No. 420 comprises :—**

As above, but without Generator Bracket No. 37, and with Double Bracket No. 41B for handle-bar.

Code Word      CASH PRICE  
AGESY      In Ebony Black finish, Chromium Plated Parts      £1 11 0

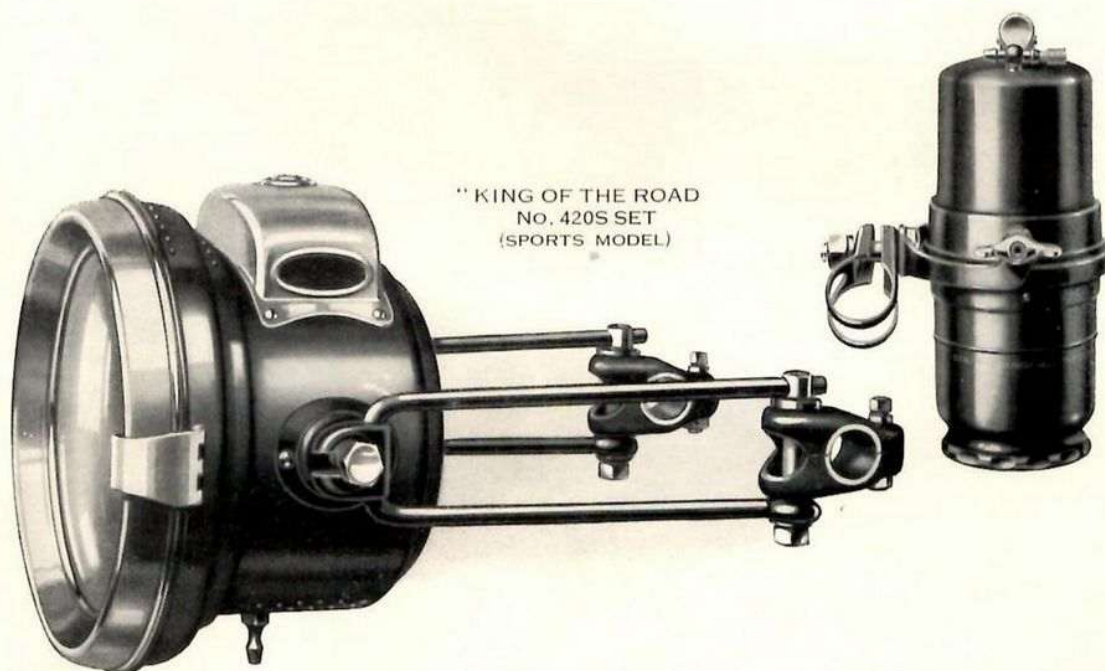
## LUCAS

"KING OF THE ROAD"  
MOTOR-CYCLE  
PROJECTOR  
SET N° 420S

(ACETYLENE)



NO. 420 SET  
(WITH DOUBLE BRACKET)



"KING OF THE ROAD"  
NO. 420S SET  
(SPORTS MODEL)

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





*The Memory of Quality remains*

# LUCAS

"KING OF THE ROAD"  
MOTOR-CYCLE  
PROJECTOR  
SET N°320FS

(ACETYLENE)

No. 320 Projector is fitted with a **Silvered Mirror Reflector** which projects a powerful penetrative light a considerable distance and gives the necessary width of beam near the rider. This Projector is now fitted with a **Reflector Extension**.

The **Generator** is of the drip-feed type, and gives a steady supply of gas, ensuring even illumination, while the carbide container has our patented quick-action fixing. When used with the Sports Sets this Generator is supplied with a special adjustable bracket suitable for fitting to handle-bars, down tubes, etc.

Dimensions of Projector :	Height, 6 in.	Weight, 1 3/4 lbs.
---------------------------	---------------	--------------------

**COMPLETE SET No. 320FS comprises :—**

- Projector No. 320.
- Generator No. 32.
- Generator Bracket No. 37.
- Fork Bracket No. 39 for front forks and Tubing.

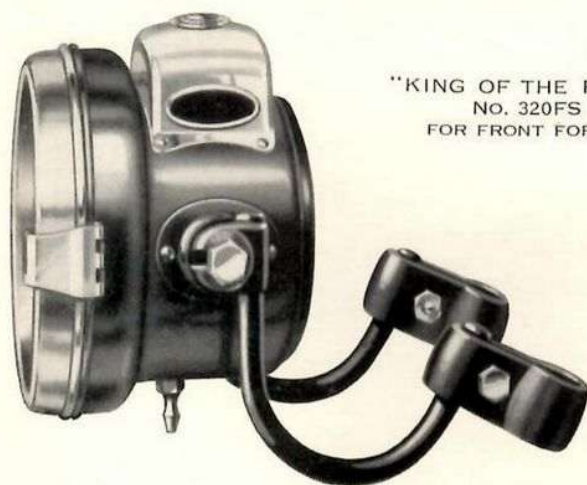
Code Word		CASH PRICE
AGFAH	In Ebony Black finish, Chromium Plated Parts	£1 2 6

**PROJECTOR ONLY, No. 320.**

Code Word		
AGFEV	In Ebony Black finish, Chromium Plated Parts	11 6

**GENERATOR ONLY, No. 32.**

Code Word		
LEBAX	Supplies gas for 4 1/2 hours. Ebony Black finish	8 6
MAFAH	No. 37 Generator Bracket for No. 32 Generator when used with Nos. 320S and 320FS Sets ..	2 6



"KING OF THE ROAD"  
NO. 320FS  
FOR FRONT FORKS



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



Fork Brackets No. 39 are designed for fitting to the front forks and are supplied suitable for either  $\frac{5}{8}$  in. or  $\frac{3}{4}$  in. forks.

Our Projector Girder Brackets No. 48 enable the Projector to be set well ahead of the handle-bars, making the No. 320S a very attractive set for medium-weight Sports Machines.

The Double Bracket supplied with the No. 320 Set is designed for fixing on the handle-bar and enables the Projector to be readily adjusted to throw the light on the road where required.

Front,  $5\frac{1}{4}$  in.      Glass,  $4\frac{1}{4}$  in.      Burner No. 40

COMPLETE SET No. 320S comprises :—

Projector No. 320  
Generator No. 32.  
Generator Bracket No. 37.  
Girder Brackets No. 48 for handle-bar  
and Tubing.

Code Word      CASH PRICE  
AGFIN      In Ebony Black finish, Chromium Plated Parts      £1 2 6

COMPLETE SET No. 320 comprises :—

As above, but without Generator Bracket No. 37, and  
with Double Bracket No. 21B for handle-bar.

Code Word      CASH PRICE  
AGFOD      In Ebony Black finish, Chromium Plated Parts      £1 1 0

# LUCAS

"KING OF THE ROAD"  
MOTOR-CYCLE  
PROJECTOR  
SET N° 320S

(ACETYLENE)



NO. 320 SET  
(WITH DOUBLE BRACKET)



"KING OF THE ROAD"  
NO. 320S SET  
(SPORTS MODEL)



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





## LUCAS MOTOR-CYCLE TAIL LAMP SET NO 345

(ACETYLENE)



NO. 345  
TAIL LAMP

**No. 345 Tail Lamp** when suitably fitted gives a large angle of illumination, satisfying the requirements of all authorities and meeting the lighting regulations. It fixes on the number plate, which it illuminates by a large white side light, and it shows, of course, a red light to the rear.

The gas nipple of the Lamp is adapted for pump connection, which enables the burner to be cleaned from time to time by air pressure from a tyre pump.

The Generator is conveniently fixed to the down tube under the saddle, and will supply gas for the small single-jet burner for about five hours.

The rubber tubing from the Generator to the Lamp can be neatly run along the luggage carrier where it is entirely out of the way.

Dimensions of Lamp :		
Height, 4 in.	Diameter, 1 $\frac{1}{8}$ in.	Burner No. 306

**COMPLETE SET No. 345** comprises :—

**Lamp No. 345.**

**Generator No. 44.**

**Generator Bracket No. 53  
and Tubing.**

Code Word	CASH PRICE		
LAEPF	Finish : Lamp Chromium Plated, Generator and Bracket Black	.. ..	13/-

**LAMP ONLY, No. 345.**

Code Word	.. ..	3/6
LAIKY	In Chromium Plated finish	.. ..

**GENERATOR ONLY, No. 44.**

Code Word	Supplies gas for 5 hours.	Ebony Black finish	.. ..	7/6
LAIPS	Generator Bracket No. 53	.. ..	2/6	
MAEBI				



MOTOR-CYCLE  
TAIL LAMP SET  
NO. 345

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



No. 11 Observation Mirror gives a wide field of vision and is adjustable in any direction, while it can be turned inwards when negotiating narrow passages.

Rigidity of arm and fixing is a special feature of Lucas "Safety" Observation Mirrors. In driving mirrors the reflected view must be steady—otherwise the mirror defeats its own object.

Lucas Mirrors are designed and constructed to remain firm under the most exacting road conditions, and no sacrifice of metal has been made to enable them to be sold at a price.

## LUCAS

"KING OF THE ROAD"

"SAFETY"

OBSERVATION  
MIRROR No 11

Code Word	No.	Dia.	Length of Arm	Finish	CASH PRICE EACH
OBSAF	11	3½ in.	5¾ in.	Ebony Black (Plated Parts)	.. 6/6



NO. 11 "SAFETY" MIRROR.

*Suitable for 7/8 in. or 1 in. handle-bars.*

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

www.pow.it



# King of the Road



## LUCAS

"KING OF THE ROAD"

MOTOR- . .

CYCLORNS

N<sup>OS</sup> 60, 60P, 63

AND 40 . . .

Lucas Motor-Cycle Horns have a very pleasing note, of great penetration, which is unequalled for effectiveness and carrying power. They have achieved an enviable reputation all over the world for power of tone and durability.

The accumulated experience of over 40 years of Bulb Horn manufacture is embodied in these Horns. Each Horn is subjected to exacting tests, and every precaution is taken to ensure that they are tuned and adjusted to a standard before leaving our Works.

Our No. 60 Horn is supplied with the Lucas special Canvas-reinforced Rubber Bulb, which is far more durable than the usual kind, **splitting at the seams being now quite unknown.** While they are necessarily of higher first cost, being manufactured by our patented process, in the long run they are much more economical.

No. 60 is a "straight" pattern Horn. The "turns" of the tube are of patented design—therefore exclusive—and follow definite acoustic principles. As they are enclosed in the body of the Horn the appearance is neat and compact, while cleaning is greatly facilitated. This model also is fitted with the Lucas special Canvas-reinforced Rubber Bulb.

No. 60P is a similar Horn to No. 60, but has a simplified clip and a strong plain rubber bulb instead of our special canvas-reinforced bulb.

No. 63 is a smaller "straight" pattern Horn than our Models Nos. 60 and 60P, and is specially designed for use on light-weight machines. Various improvements have been effected in this model, and for power and quality of tone it is unequalled for its size.

No. 40 is a Sports Horn model which has been produced in response to a very definite demand for this type by the up-to-date motor-cyclist. It is extremely neat in construction, and takes up very little space on the handle-bar. The Horn is made of heavy-gauge metal throughout and, being particularly designed for Sports Type motor-cycles, it has a high-pitched note of piercing carrying power, and drivers of slow-moving vehicles will readily respond to its warning. It is of the well-known Lucas high-grade manufacture, and its "line" and finish make it an acquisition to any Sports Type motor-cycle.

Code Word	No.	Finish	CASH PRICE EACH			
BAACE	60	In Ebony Black finish	..	..	..	13/6
BAFAH	60P	In Ebony Black finish	..	..	..	11/6
BAENU	63	In Ebony Black finish	..	..	..	8/6
BAXYB	40	In Ebony Black finish	..	..	..	6/6

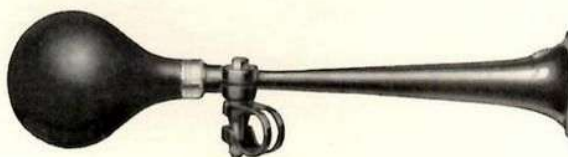
Ebony Black is the standard finish, but Nickel Plated can be supplied if ordered.



NOS. 60 & 60P



NO. 63



NO. 40  
SPORTS MODEL

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



A **Lucas Electric Horn** should form part of the equipment of every motor-cycle fitted with Electrical Equipment. These horns are provided with a clip for the handle-bar, and the push-button should be fixed on the bar near the grips so that the rider may sound the horn without removing his hand from the brake or other lever he may be controlling.

The new **Lucas "Altette" Horn No. HF317/MC** is a departure from the familiar type with trumpet, and gives a high pitched note which is both musical and penetrating. The purity of the note is unimpaired over a wide range of voltage. This characteristic is important when it is realized how wide the voltage range is between the two extremes of riding at speed with the battery fully charged during daytime, and when riding slowly at night with all lights on.

In view of the fact that motor-cycle horns are mounted in exposed positions, special attention is given to ensure that the horn is weatherproof. The horn mechanism is totally enclosed so that driving rain or snow will not affect its performance.

**No. HF317/MC LUCAS "ALTETTE" ELECTRIC HORN (6 volt).**  
 Code Word No. Finish CASH PRICE EACH  
 BASOZ HF317/MC Chromium Plated and Black, with Horn Push, without Cable .. .. 25/6

**No. M12**, the motor-driven model, gives a powerful note, has a handle-bar clip, as illustrated, and the removal of one screw enables the cover to be lifted off and the motor mechanism exposed.

**No. M12 LUCAS-SPARTON MOTOR-DRIVEN HORN (6 volt).**  
 Code Word No. Finish CASH PRICE EACH  
 BAXBE M12 Ebony Black, with Horn Push, without Cable.. 15/-

Because it is recognised that the choice of timbre of an electric horn is, to a great extent, a matter of individual preference, the **Lucas Electric Horn No. B410** is now listed. It is of the buzzer type, and gives a note that is particularly penetrating without being raucous.

**No. B410 LUCAS ELECTRIC HORN (Buzzer Type, 6 volt).**  
 Code Word No. Finish CASH PRICE EACH  
 BAXCU B410 Ebony Black, with Horn Push, without Cable.. 11/6

*No. B410 can be supplied for 4-volt sets if required.  
 Please state voltage when ordering.*

Standard 5 mm. Black Ignition Cable for the above Horns, 1/4 per doz. ft.

**No. 4A Horn Push**, for the above Horns, Chromium Plated finish only, 2/6 each.



LUCAS-SPARTON  
MOTOR-DRIVEN ELECTRIC  
HORN No. M12



LUCAS ELECTRIC HORN  
NO. B410 (BUZZER TYPE)



LUCAS "ALTETTE"  
HIGH-FREQUENCY  
ELECTRIC HORN  
No. HF317/MC

Mirror, Horns  
(Bulb and Electric)



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# LUCAS

## "FORCED-FEED" OILER. . No 40 . . .

Our "Forced-Feed" Oiler is a necessary item in every motor-cyclist's outfit. It ensures the oil "getting there," whereas with the ordinary drip oiler one can never be sure whether the oil is dropping at all or running to waste. The specially designed thumb-operated pump will deliver just one or two drops or a little stream, and forces the oil, under pressure, wherever it is required, even in the most awkward places.

No. 40 is an exceptionally neat pattern, made from solid brass. It is convenient to handle, of ample capacity, and a special retainer to hold the oiler tip is now fitted, which prevents the latter being mislaid when the Oiler is in use.

The Oiler is oval in shape, and does not take up much space in the tool kit. It has a flat base, so will stand when not in use.

A clip is provided which enables the No. 40 Oiler to be secured in any convenient position, such as to the woodwork inside the side-car, or it may be screwed to the inside of the toolbox, etc. It can be fixed horizontally or vertically, as required, and holds the Oiler firmly in position, preventing its being thrown about and becoming damaged.



NO. 40, PLAN VIEW  
SHOWING FLAT SHAPE

Code Word	No.	Capacity	Length	Width	Height	Finish	CASH PRICE EACH
OBECE	40	$\frac{1}{4}$ pint	$8\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	$4\frac{1}{4}$ in.	Polished Brass	7/6

Code Word	No.	Finish	CASH PRICE EACH
CALBA	4	Black	1/-



"FORCED-FEED"  
OILER NO. 40



NO. 4 CLIP FOR  
NO. 40 OILER

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



The "Girder" is of neat design and has a quick adjustment, responsive to the slightest touch. The shape of the jaws gives a firm, square, vice-like grip that prevents springing and slipping, releases readily, and does not lock.

Each size can be supplied fitted with a Pipe-grip Attachment for holding round tubes, as illustrated. This patented attachment is secured to the lower jaw of the wrench by two links, and can be turned back out of the way when the wrench is required for ordinary nuts. The attachment has a serrated surface, and when placed in position for use on round tubes, pipes or bars, the angle of the serrations ensures a firm grip which will not slip under pressure. A slight turn in the opposite direction instantly releases the grip.

The "Girder" ( $4\frac{1}{2}$  in.) is useful for getting at small nuts in awkward places where a large wrench cannot be used.

The "Girder Minor" ( $3\frac{1}{4}$  in.), improved model, is convenient for many small adjustments, such as to the magneto, and can be carried in the waistcoat pocket.

The "Girder Major" ( $7\frac{1}{4}$  in.) is the largest "Girder" Wrench, and is very suitable for heavy adjustments. It is a particularly handy tool, and strikes one as being "just the thing" for the work, because, while being very strong, it is also light and nice to handle.

## LUCAS "GIRDER" WRENCHES.

Code Word	No.	Name	Length	Jaws open	Finish	CASH PRICE EACH
MAHDI	90	"Girder Minor"	$3\frac{1}{4}$ in.	$\frac{5}{8}$ in.	Gun Black	2/9
MADUS	90G	" " "		with Pipe-grip Attachment		3/3
MAGNO	91	"Girder"	$4\frac{1}{2}$ in.	$1\frac{1}{8}$ in.	Gun Black	3/9
MANOL	91G	" " "		with Pipe-grip Attachment		4/6
MAGUM	93	"Girder Major"	$7\frac{1}{4}$ in.	$1\frac{3}{4}$ in.	Gun Black	6/6
MANIS	93G	" " "		with Pipe-grip Attachment		7/6

The Pipe grip Attachment can be supplied separately for these Wrenches at the following prices:—For No. 90, 6d. each; No. 91, 9d. each; No. 93, 1/- each.

The **Pocket Screwdriver** is of the "propeller" type, and when not in use the toughened steel hollow ground blade is concealed in the barrel.

It has a quick-thread screw, and with a few turns of the barrel the blade is exposed for use.

The replacement of a blade is a very simple matter. Unscrew the milled cap at the head of Screwdriver, and a few anti-clockwise turns of the barrel will enable the blade to be readily withdrawn.

## LUCAS POCKET SCREWDRIVER.

Code Word	No.	Finish	Length (closed), $4\frac{1}{8}$ in.	CASH PRICE EACH
SEADA	1	Plated		2/-
Spare Blades for this Screwdriver				9d.



LUCAS "GIRDER" WRENCHES

# LUCAS "GIRDER" (REG.) WRENCHES AND POCKET SCREWDRIVER



LUCAS "GIRDER" WRENCHES AND  
SCREWDRIVERS ARE SUPPLIED  
CARDED ON ATTRACTIVE  
SHOWCARDS.



LUCAS POCKET SCREWDRIVER NO. 1.

Wrenches, Screwdriver,  
Forced-Feed Oilier, etc.



JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# LUCAS

## BATTERY

### SET FOR

.. SOLO ..

### MOTOR-CYCLES

---

These Sets are designed to meet the requirements of those riders who wish to avail themselves of the advantages of Electric Lighting, but who cannot arrange to fit a "Magdyno" to their present machines.

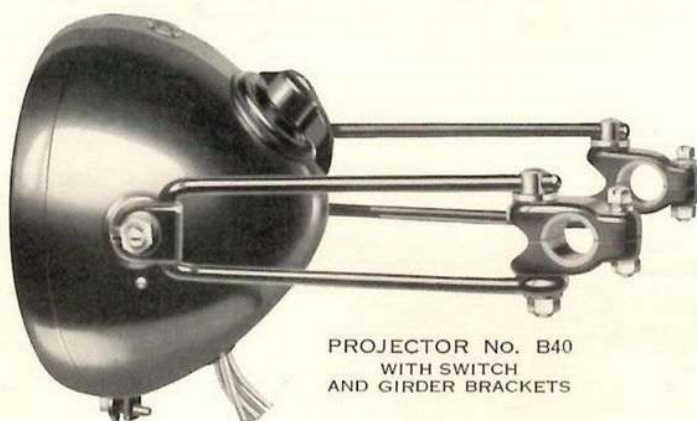
They possess the many refinements and advantages of the now famous Lucas "Magdyno" Set, viz., the **Projector** having a double driving light, enabling the rider to have the full driving light for the open road, and a reduced light for town use, just as required. Our special focussing arrangement is incorporated, which allows the bulb to be focussed exactly in relationship with the reflector, so that the best illumination is obtained. A notable feature of the Projector is that the lamp and switch are combined. The switch is mounted at the back of the lamp and is readily accessible to the rider while the machine is in motion. The Girder Brackets are strong and rigid, designed to withstand vibration, and enable the Projector to be set well ahead of the handle-bars.

Code Word  
EBTES

**THE SOLO SET comprises :—**

- |                  |  |
|------------------|--|
| <b>Battery</b>   | No. PUW7E, 6 volt, 12 amp. hours, with special fittings.   |
| <b>Head Lamp</b> | No. B40, with switch at back and Girder Brackets.<br>(Main Bulb B.A.S.1S, Pilot Bulb B.A.S. 8S). |
| <b>Tail Lamp</b> | No. MT110.<br>Complete with Cables, etc., etc.   |

Price of Set complete, in Ebony Black finish .. £2 15 0



PROJECTOR NO. B40  
WITH SWITCH  
AND GIRDER BRACKETS



SIDE-CAR LAMP  
No. R330S

---

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

---



# King of the Road



*Continued.*

The **Batteries** embody the latest practice in Battery design, special attention having been given to the connectors.

The **Side-Car Lamp No. R330S** supplied with the Combination Set is fitted with a silvered reflector, and the front of the Lamp is attached by a bayonet fixing, bulb replacement being a quick and easy matter. When a new bulb is to be fitted, focussing notches, providing for three alternative positions, will be found in the bulb holder.

**Tail Lamp MT110** has the bulb holder mounted on our patented rubber diaphragm which absorbs vibration, thereby lengthening the life of the bulb filament. A red light is shown to the rear and the white side light illuminates the number plate.

¶ We strongly recommend riders to have a reserve battery, in order that one may always be kept charged and ready for instant use when the other requires re-charging.

Code Word  
EBTAW

**THE COMBINATION SET comprises :—**

- Battery** No. LK7E, 6 volt, 21 amp. hours, in tin case.
  - Head Lamp** No. B40, with switch at back and Girder Brackets.  
(Main Bulb B.A.S.1S, Pilot Bulb B.A.S. 8S).
  - Side-Car Lamp** No. R330S.
  - Tail Lamp** No. MT110.
- Complete with Cables, etc., etc.

Price of Set complete, in Ebony Black finish .. £3 17 6

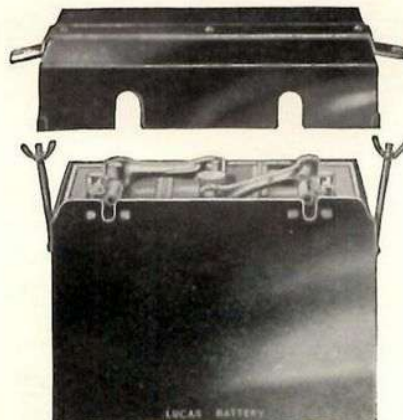
## LUCAS BATTERY SET FOR COMBINATION MOTOR-CYCLES



BATTERY NO. PUW7E  
(SOLO)



TAIL LAMP  
NO. MT110



BATTERY NO. LK7E  
(SIDE-CAR)

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





# King of the Road



## LUCAS "KING OF THE ROAD" MOTOR-CYCLE PROJECTORS No MC140 AND No H52

WITH DIPPING BEAM  
DEVICE



LUCAS  
No. MC140 PROJECTOR

"Magdyno" and Separate Dynamo Sets can be supplied with either the **No. H52 Motor-Cycle Projector** or the large model, **No. MC140 Projector** which has an 8½ inch front. The **No. H52** lamp incorporates the switch and the ammeter, while the **No. MC140 Projector** is free from instruments and is intended for use when an instrument panel is fitted. Both these lamps are fitted with a **Lucas Blue \* Star double-filament 24-watt gas-filled bulb** which gives a brilliant high-power driving light. One filament is arranged to be practically at the focus of the reflector, and gives a normal driving light, while the second filament (also 24-watt) is mounted slightly above the other. This gives a dipped non-dazzling beam for use when meeting traffic or driving in fog or mist. This **anti-dazzle device** is controlled by a neat switch conveniently mounted on the handle-bar or in the instrument panel.

A small 3-watt pilot bulb is also provided for use when the machine is stationary or for town driving.

**No. MC140 Projector** is a bold-looking lamp, clean and pleasing in outline. It is primarily designed to be used in conjunction with machines having instrument panels.

**No. H52** has a moulded switch, which controls the lamp and the charging of the battery, fitted to the back of the lamp. The switch handle is particularly large so that it can be easily operated even when wearing thick gloves.

A **centre zero ammeter**, readily visible to the rider, is mounted on the top of the lamp, and is **illuminated by indirect lighting** which has no distracting glare.

All cables are taken directly to the switch at the back of the lamp. The switch is secured by two screws and can be readily withdrawn from the lamp complete with cables.

There are **no wires inside the lamp**, connections being made by spring blades.

To move the bulb inwards, it is only necessary to turn in a clockwise direction, and vice versa.

**Projector ball socket mounting** on both lamps allows the lamps and brackets to be correctly set without strain to either.

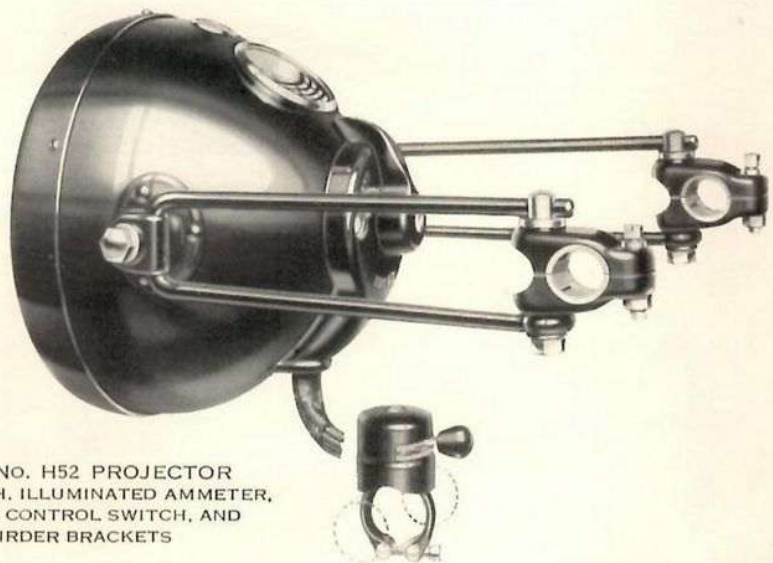
**No. MC140 Projector.** Front, 8½ in. Aperture, 7 in. Weight of Lamp, 3 lb. 2 oz.

Code Word	No.	Finish	CASH PRICE EACH
EDPEI	MC140	Ebony Black, Chromium Plated Front, with Brackets..	£2 5 0

**No. H52 Projector.** Front, 7 7/8 in. Aperture, 6½ in. Weight of Lamp, 2½ lb.

Code Word	No.	Finish	CASH PRICE EACH
EDMAR	H52	Ebony Black, with Switch, Illuminated Ammeter, Dip-beam Control Switch for handle bar, Cable Harness and Girder Brackets .. .. .	£3 10 0
EDLYC	H52	As above, but without Cable Harness and Handle-bar Switch .. .. .	3 0 0

For particulars of Spare Bulbs see page 59.



LUCAS No. H52 PROJECTOR  
WITH SWITCH, ILLUMINATED AMMETER,  
DIP-BEAM CONTROL SWITCH, AND  
GIRDER BRACKETS

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road



Lucas Nos. MP40, DU142 and DU42M Projectors are designed on similar lines to our Car Headlamps, and possess many of the distinctive features of the Motor-Cycle Headlamps described opposite.

There is fitted in these Projectors an entirely new design of focussing adapter which allows the bulb to be focussed exactly in relationship with the reflector—an important feature in modern motor-cycle lighting. All Lucas Projectors are fitted with accurately made reflectors of correct optical design, which give a remarkably good and even projection of light.

These lamps are fitted with our anti-dazzle device and pilot bulb as in our Model No. H52.

No. MP40 Projector is used in conjunction with separate switches or instrument panels fitted to the motor-cycles.

Nos. DU142 and DU42M Projectors have the combined lighting and charging switch and the ammeter mounted on a small flush-fitting panel secured to the top of the lamp by means of 3 screws which can be easily removed for wiring. The ammeter in these lamps is illuminated.

No. MP40 Projector. Front, 7 in. Aperture, 6 in. Weight of Lamp, 2 lbs.

Code Word	No.	Finish	CASH PRICE EACH
EDROY	MP40	Ebony Black, Chromium Plated Front, with Fork Brackets as illustrated opposite on No. MC140 Projector	£2 4 6

No. DU142 Projector. Front, 8½ in. Aperture, 7 in. Weight of Lamp, 3 lbs.

Code Word	No.	Finish
EDIR	DU142	Ebony Black, Chromium Plated Rim, with Switch, Ammeter, Dipping-beam Control Switch for handlebar, Cables, etc., and Girder Brackets (latter as illustrated opposite on H52 Projector).

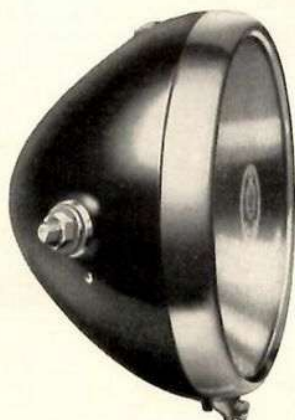
Price on application

No. DU42M Projector. Front, 7 in. Aperture, 6 in. Weight of Lamp, 2½ lbs.

Code Word	No.	Finish
EDSOZ	DU42M	Ebony Black, Chromium Plated Rim, with Switch, Ammeter, Dipping-beam Control Switch for handlebar, Cables, etc., and Girder Brackets (latter as illustrated opposite on H52 Projector)

Price on application

For particulars of Spare Bulbs see page 59.



LUCAS  
No. MP40 PROJECTOR



LUCAS No. DU142 PROJECTOR  
SUPPLIED WITH SWITCH, ILLUMINATED AMMETER, DIP-BEAM DEVICE, AND WITH GIRDER BRACKETS AS ILLUSTRATED ON H52 LAMP ON OPPOSITE PAGE.



LUCAS No. DU42M PROJECTOR  
SUPPLIED WITH SWITCH, ILLUMINATED AMMETER, DIP-BEAM DEVICE, AND WITH GIRDER BRACKETS AS ILLUSTRATED ON H52 LAMP ON OPPOSITE PAGE.

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





## LUCAS

"KING OF THE ROAD"

"STOP" TAIL

LAMP . . .

Nº ST20 . . .

No. ST20 "Stop" Tail Lamp has proved a very useful accessory. This lamp, in addition to illuminating the number-plate and showing the usual ruby light to the rear, gives a warning light by means of an ingenious switch when the foot-brake is applied. It is robust in construction, designed to withstand heavy vibration, and bulb replacement is a very simple matter.

No. 20 Switch for functioning this signal is very neat in design, and dust, mud, etc., will not affect its operation.

The No. ST20 "Stop" Tail Lamp, together with the switch, can be fitted very easily to existing equipment.

### No. ST20 "STOP" TAIL LAMP.

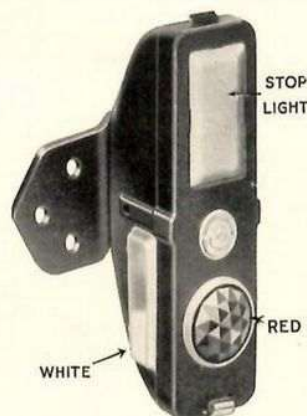
Height, 5 in. Width, 1½ in. (Bracket extra). Depth, 2¾ in. Weight, 8 ozs.

Code Word	No.	Finish	CASH PRICE EACH
EDPYM	ST20	Ebony Black, complete with Two Bulbs and Switch No. 20	13/6

For particulars of Spare Bulbs see page 59.



No. 20 SWITCH  
OPERATED BY  
FOOT-BRAKE



LUCAS No. ST20  
"STOP" TAIL LAMP

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



# King of the Road

**Type R370**, an improved model Reflector Side-car Lamp, is pleasing and distinctive in outline. It is fitted with a **Silvered Reflector**, and our **patented universally adjustable mounting** enables the beam to be set to the best advantage on the road by the adjustment of a single nut. There is **no internal wiring**, contact being made by springs of special design. Bulb replacement is a simple matter, as the front of the lamp is removed by means of a coin-slotted screw.

## TYPE R370 REFLECTOR SIDE-CAR LAMP. With Patented Adjustable Mounting and Concealed Cable.

Front,  $3\frac{3}{4}$  in. Aperture,  $2\frac{7}{8}$  in. Weight,  $9\frac{1}{4}$  oz.

Code Word	No.	Finish	CASH PRICE EACH
EDJUP	R370	Ebony Black .. .. .	12/6

**TAIL LAMP No. MT110** has many distinctive features. The bulb holder is mounted on a **rubber diaphragm** (see illustration) which absorbs vibration, thereby lengthening the life of the bulb filament. A hole is cut into the rear number plate to take the front of the Lamp, which is secured by three rivets or screws through flange to number plate.

The rear portion of the Lamp is engaged by a bayonet joint, which is locked by a half turn to the right. It is fitted with a **metal reflector** which gives a much improved white light.

A red light is shown to the rear, and the white side light illuminates the number plate, so that the Lamp is suitable for Combinations of all weights.

Code Word	No.	Finish	CASH PRICE EACH
EBMIO	MT110	With $1\frac{1}{8}$ in. Red Glass. Ebony Black ..	8/6

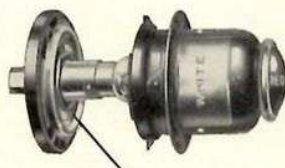
**TAIL LAMP No. MT210** is neat and compact in appearance, its bulb adapter is mounted upon a rubber plate which acts as a shock absorber to protect the bulb filament. The rear portion of the Lamp is detached for bulb replacement by turning the spring catches.

Code Word	No.	Finish	CASH PRICE EACH
EDRAS	MT210	With $1\frac{1}{8}$ in. Red Glass. Ebony Black ..	6/6

*For particulars of Spare Bulbs for the above Lamps see page 59.*



TAIL LAMP No. MT110



RUBBER DIAPHRAGM



TAIL LAMP  
No. MT210



SIDE-CAR LAMP  
TYPE R370  
WITH FRONT AND REFLECTOR  
DETACHED

# LUCAS

"KING OF THE ROAD"

SIDE-CAR LAMP

Nº R370 AND

TAIL LAMPS

NºS MT110 & MT210



SIDE-CAR LAMP  
TYPE R370

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



The Best of



Everything

KING OF THE ROAD

# LUCAS

## MOTOR - CYCLE BATTERIES



LUCAS PUW7E TYPE OF  
LIGHTING BATTERY  
FOR MOTOR-CYCLES

Lucas Batteries, in common with all other electrical products of the Company, have long held a leading place in the branch of electrical engineering connected with the motor-cycle industry, and have proved their worth by giving reliable and steady service under everyday running conditions.

They are the outcome of many years of continuous research at our own Works, and are manufactured under the best conditions and with the latest and most improved plant.

Our Separators give the necessary rigidity to the section and ensure free diffusion of the electrolyte and low internal resistance.

A special characteristic of all Lucas Plates is their low voltage drop on discharge.

The plate sections are supported on patented porcelain bottom rests which reduce friction and shock to the plates to a minimum.

The Lucas RUW7E Battery embodies in its design an entirely new and patented method of damping out road shocks and engine vibration.

This new Lucas "anti-vibration" battery is of registered design, and has its fixings "anchored in rubber."

### STANDARD FITMENTS FOR MOTOR-CYCLES.

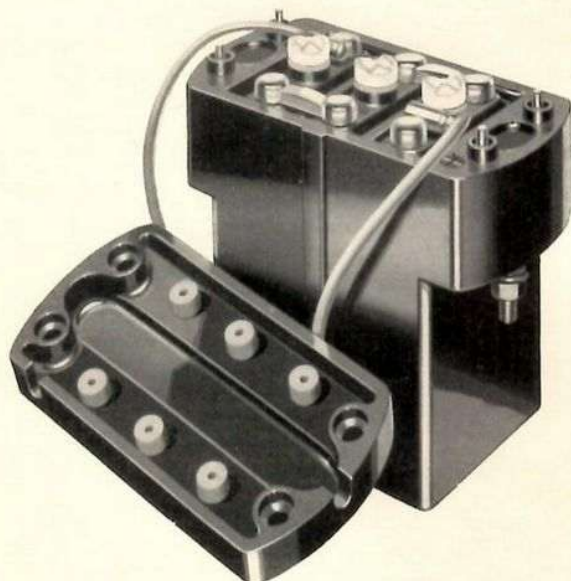
Code Word.	Type.	Volts	Amp.		Overall Dimensions in Ins.			Description.	CASH PRICE EACH
			10 hrs.	20 hrs.	Length.	Width.	Height.		
ACTUC	POW5G	4	9	10	5 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	Battery and Lid	16 0
ACVIP	POW5G	4	9	10	—	—	—	With Carrier ..	1 1 0
ACTYP	PUW5E	6	8	9	3 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	Battery and Lid	15 0
ACVOL	PUW5E	6	8	9	—	—	—	With Carrier ..	1 0 0
ACUBU	PUW7E	6	12	13 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	Battery and Lid	17 6
ACVUE	PUW7E	6	12	13 <sup>1</sup> / <sub>2</sub>	—	—	—	With Carrier ..	1 2 6

### Patent "Anchored in Rubber" Anti-Vibration Battery No. RUW7E.

ADHOC	RUW7E	6	12	13 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	Battery and Lid	1 1 0
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### Battery No. LK7E (in Moulded Ebonite) for Battery Sets.

ACERO	LK7E	6	21	23	7 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	5	Without Tin Case	2 2 0
ACEJU	LK7E	6	21	23	10	5	5 <sup>1</sup> / <sub>2</sub>	In Tin Case ..	2 12 0



THE NEW LUCAS "ANCHORED IN RUBBER"  
ANTI-VIBRATION MOTOR-CYCLE BATTERY



LUCAS TYPE PUW5E LIGHTING BATTERY  
FOR MOTOR-CYCLES

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND

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*The Best of*



*Everything*

KING OF THE ROAD

*Continued*

The battery is designed to be carried by two stout lugs, brazed to the machine itself, forming a very solid mounting. The battery fixing rod at each end is carried in a rubber core, the whole being moulded integral with the case, therefore the battery carrier is actually built into the machine, fixed rigidly in position. The case is moulded with a projecting ledge at the top, the cover being retained by four screwed bolts, like a car battery, giving excellent accessibility.

The simplicity of this new fixing allows easy battery removal when necessary.

**THE "LUCAS-NIFE" STEEL-PLATE BATTERY.**

The "Lucas-Nife" Steel-Plate Battery has many greatly improved features. It has been re-designed with 5 cells instead of 4, giving much greater reserve. This ensures an excellent bright, steady light under all conditions—even when standing, dynamo not on charge, or with electric horn in use.

The stainless sheet steel container which houses the actual battery box of moulded "Milam" gives tremendously increased strength and effectually prevents damage to the "Milam" moulding.

The new design of vent plug prevents spillage.

This Battery is cleaner, neater in design, has stronger moulding which gives it a pleasing appearance and greater solidity.

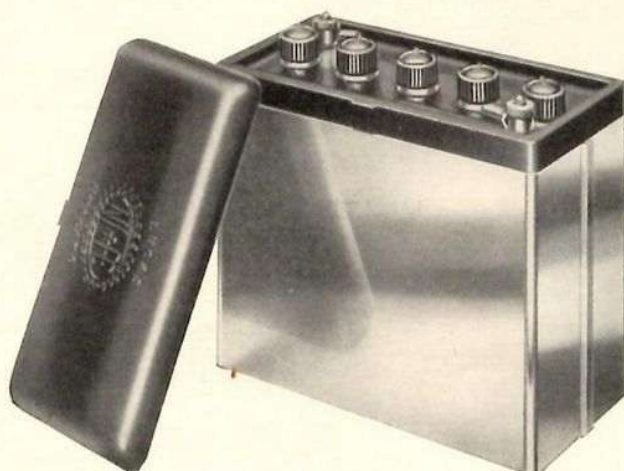
**The chief advantages of "LUCAS-NIFE" Steel-Plate Batteries :—**  
No Lead. No Acid. No Sulphation even if misused.

Undamaged by neglect ; can be left standing for months charged or discharged without harm. Can even be short-circuited without damage.

Almost indestructible ; require no attention beyond occasional addition of distilled water. Steel Plates absolutely unaffected by vibration.

Code Word.	Type.	Volts	Amp.		Overall Dimensions in Ins.			CASH PRICE EACH	
			10 hrs.	20 hrs.	Length.	Width.	Height.		
ACUYG	C105	6	10	11½	7½	3 3/16	6½	Battery only	2 5 0
ACWAT	C105	6	10	11½	—	—	—	With Carrier	2 10 0


Special Electrolyte for "Lucas-Nife" Batteries, 3/9 per pint.



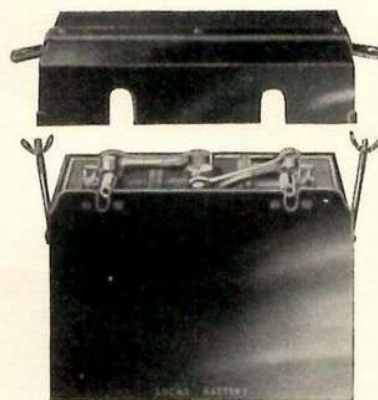
"LUCAS-NIFE" STEEL-PLATE BATTERY

**LUCAS  
BATTERIES**

AND

**LUCAS-** 

**STEEL-PLATE  
BATTERY FOR  
MOTOR-CYCLES**



BATTERY NO. LK7E  
WITH TIN CASE

(ILLUSTRATION NOT IN PROPORTION TO  
OTHER BATTERIES)

**JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND**





*The Memory of Quality remains*

# LUCAS

## "MAGDYNO"

(REG.)

(LIGHTING AND  
IGNITION), FOR  
.. SOLO ..  
MOTOR-CYCLES

The Lucas "Magdyno" (Combined Lighting and Ignition) Set enables the Motor-Cyclist to have the advantage of car lighting. With the "Magdyno," only a turn of the switch is necessary to give a brilliant and even flood of light over the whole width of the road for a tremendous distance ahead, besides providing a healthy spark for ignition at all speeds. Most well-known makers now catalogue their machines with Lucas Electrical Equipment as standard at an inclusive price, or as an alternative.

Lucas Equipment is subjected to constant testing and research, and its continued and progressive advance in detail of design is proved by its popularity and the fact that it is fitted to-day by the thousand as standard, or when specified. The "Magdyno" is a full-size machine (30 watts, i.e., output of 5 amps. at 6 volts) and, as the name suggests, consists of two units: a magneto for ignition, and a dynamo for charging the battery. The magneto section carries the Lucas Magneto guarantee, and has special features developed by racing performance. The dynamo unit is detachable, so that owners who wish to use their machines for racing or competition work can easily strip off all their lighting equipment. Power is transmitted to the dynamo (the upper unit) by gears driven from the magneto spindle. The machine is thus equivalent to a somewhat taller magneto, the size as regards bolt hole centres and height of spindle remaining the same as the ordinary standard magneto, the same chain and gear drive for the latter sufficing for the "Magdyno,"

"MAGDYNO": Length, 7 $\frac{1}{4}$  in. Width, 4 $\frac{1}{2}$  in. Height, 6 $\frac{1}{2}$  in. Weight, 12 lb.

### "MAGDYNO" SOLO SET comprises:—

"Magdyno" (for Single-Cylinder Engines).

**Projector** No. H52 (with Switch, Illuminated Ammeter and Dip-beam Control Switch for handle-bar), described on page 48.

**Tail Lamp** No. MT110 described and illustrated on page 51

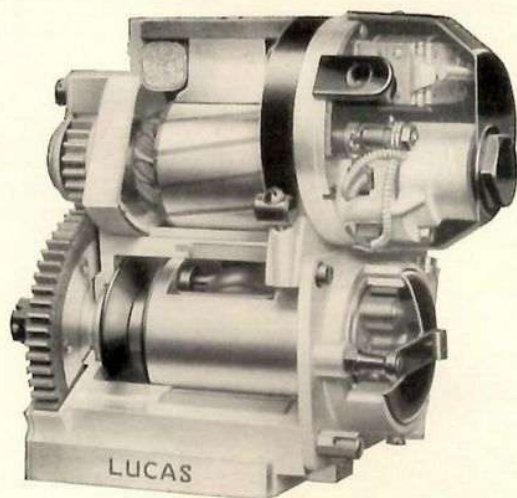
**Battery** No. PUW7E (Lucas "Milam") .. .. 52

Set of Cables, etc., etc.

Price of Set complete, in Ebony Black finish .. £10 17 6

Extra for Two-Cylinder "Magdyno" .. .. 7 6

Extra for "Lucas-Nife" Steel-Plate Battery .. .. 1 5 0



LUCAS "MAGDYNO"  
IN SECTION

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



*Long after Price is forgotten.*



*Continued.*

enabling it to be fitted without the provision of an extra drive. The weight of the machine is 12 lb. only, and therefore is very little heavier than the standard magneto. The cut-out is of robust design, the moulded terminals are waterproof, and the cover can be removed without disconnecting the cables.

A special feature of Lucas "Magdynos" is the method of output control. During daytime running the dynamo is arranged to give an ample output which ensures that the battery is charged at a suitable rate without liability to excessive overcharging, and is thus kept in good condition.

At night, when the lamps are switched on, the "Magdyno" automatically gives an increased output which compensates for the lamp load and prevents the battery from being unduly run down.

This method of control is obtained by inserting a resistance in the dynamo field circuit which is automatically cut out whenever the lamps are switched on. The arrangement has the merit of simplicity and entire absence of vibrating parts.

To owners of motor-cycles already in use we are willing to make the best possible allowance for the old magneto, according to its age. Full particulars are given on application.

Specifications of the complete "Magdyno" Sets, for Solo or Combination Machines, are given below, and the various component parts are illustrated and described on the pages of this Catalogue detailed below.

Base Plate and Centres are of accepted standard size.

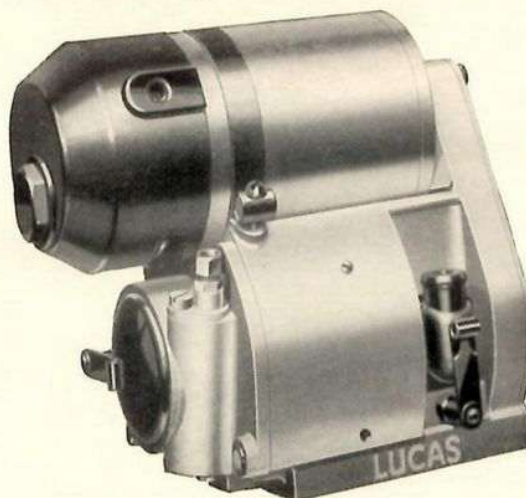
**"MAGDYNO" COMBINATION SET comprises :—**

**"Magdyno"** (for Single-Cylinder Engines).

<b>Projector</b>	<b>No. H52</b> (with Switch, Illuminated Ammeter and Dip-beam Control Switch), described on page 48
<b>Tail Lamp</b>	<b>No. MT110</b> , described and illustrated on page 51
<b>Side-Car Lamp</b>	<b>No. R370</b> " " " " 51
<b>Battery</b>	<b>No. PUW7E</b> (Lucas "Milam") " 52
<b>Set of Cables, etc., etc.</b>	

<b>Price of Set complete, in Ebony Black finish</b>	<b>.. £11 7 6</b>
<i>Extra for Two-Cylinder "Magdyno"</i>	<i>.. .. 7 6</i>
<i>Extra for "Lucas-Nife" Steel-Plate Battery</i>	<i>.. .. 1 5 0</i>

LUCAS "MAGDYNO"  
(COMBINED LIGHTING AND  
IGNITION UNIT)



**JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND**



The Best of



Everything

KING OF THE ROAD.

# "MAGLITA" (LIGHTING AND IGNITION) FOR MOTOR-CYCLES



"MAGLITA"  
(LIGHTING AND IGNITION UNIT)

The "Maglita" Set is combined lighting and ignition equipment particularly suitable for lightweight machines.

The "Maglita," which gives an output of 20 watts, is smaller and lighter than the "Magdyno."

The construction of the machine is extremely simple; it has a single revolving armature and no gearing, and the ignition windings, together with the condenser, are stationary.

The generator is fitted with a self-contained cut-out—mechanically operated—which disconnects the generator from the battery when the speed of the machine drops below that at which the battery can be charged. Provision is also made to prevent the cut-out closing when the engine misfires.

No. DU42M Projector, illustrated and described on page 49, is one type of lamp supplied with the "Maglita" Set; there are other models which are suitable, details and prices supplied on application.

The Lucas Batteries are designed and manufactured throughout in the Lucas Battery Works, under the best conditions and with the latest and most improved plant. They are the outcome of many years of continuous research and, in common with all other Electrical products of the Company, have proved their worth by giving reliable and steady service under varying conditions.

The introduction of LUCAS "MILAM," a new moulding material, was a notable advance in battery design. This material enables the batteries to be entirely self-contained, a separate case not being required.

Details of the Tail Lamp will be found on page 51.

"MAGLITA": Overall Length, 6 in. Height, 6 in. Width, 3½ in. Weight, 8½ lbs.

## "MAGLITA" SOLO SET comprises:—

- "Maglita" (For Single-Cylinder Engines).
- Projector No. DU42M (with Switch, Illuminated Ammeter and Dip-beam Control Switch for handle-bar, and Girder Brackets) described on page 49.
- Tail Lamp No. MT110, described and illustrated on page 51.
- Battery No. PUW5E (Lucas "Milam"), see page 52.
- Cables, etc.

Price of Set complete in Ebony Black finish .. .. £9 17 6

Extra for "Lucas-Nife" Steel-Plate Battery .. .. £1 5 0



NO. DU42M PROJECTOR  
WITH SWITCH, ILLUMINATED AMMETER,  
DIP-BEAM DEVICE, AND WITH GIRDER  
BRACKETS AS SHOWN ON No. H52  
ON OPPOSITE PAGE



BATTERY NO. PUW5E

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND



The Best of



KING OF THE ROAD

Everything

Lucas Dynamo Lighting Sets are available for motor-cycles where it is found inconvenient to fit the "Magdyno" or "Maglita" Sets.

The E3 dynamo begins to charge at low road speed, rapidly increasing to its maximum output. The regulation of the dynamo is effected by means of the well-known third brush method.

The dynamo is constructed with the cut-out mounted on the end bracket, as this makes the system compact and simplifies the external wiring of the set. The moulded terminals are designed so that when the dynamo is wired up with 5 mm. cable the connections are quite watertight. The cover protecting the cut-out and brush gear can be removed without disconnecting the cables. A special feature of Lucas Dynamos is the method of output control. During daytime running the dynamo is arranged to give an ample output which ensures that the battery is charged at a suitable rate without liability to excessive overcharging, and is thus kept in good condition. At night, when the lamps are switched on, the dynamo automatically gives an increased output which compensates for the lamp load and prevents the battery from being unduly run down.

This method of control is obtained by inserting a resistance in the dynamo field circuit which is automatically cut out whenever the lamps are switched on. The arrangement has the merit of simplicity and entire absence of vibrating parts.

Lucas Dynamos and other components are relentlessly tested under conditions far more exacting than are possible in actual use.

The Projector, Tail Lamp and Battery are similar to those included in our "Magdyno" Sets on pages 54 and 55.

DYNAMO: Overall Length, 6½ in. Diameter, 3 in. Weight, 5 lb. 1 oz.

**E3 6-VOLT DYNAMO SOLO SET comprises:—**

E3 Dynamo 6-Volt. Maximum output, 4 to 5 amps. at 3,000 r.p.m.  
 Projector No. H52 (with Switch and Illuminated Ammeter, etc.), described on page 48.  
 Tail Lamp No. MT110, described and illustrated on page 51.  
 Battery No. PUW7E (Lucas "Milam"), described and illustrated on page 52.  
 Set of Cables, etc.

Price of Set complete, in Ebony Black finish .. .. £5 5 0

**E3 DYNAMO COMBINATION SET** comprises as above, but with Side-Car Lamp R370 (see page 51).

Price of Set complete in Ebony Black finish .. .. £5 15 0

Extra for "Lucas-Nife" Steel-Plate Battery .. .. £1 5 0

# LUCAS

## DYNAMO

## LIGHTING

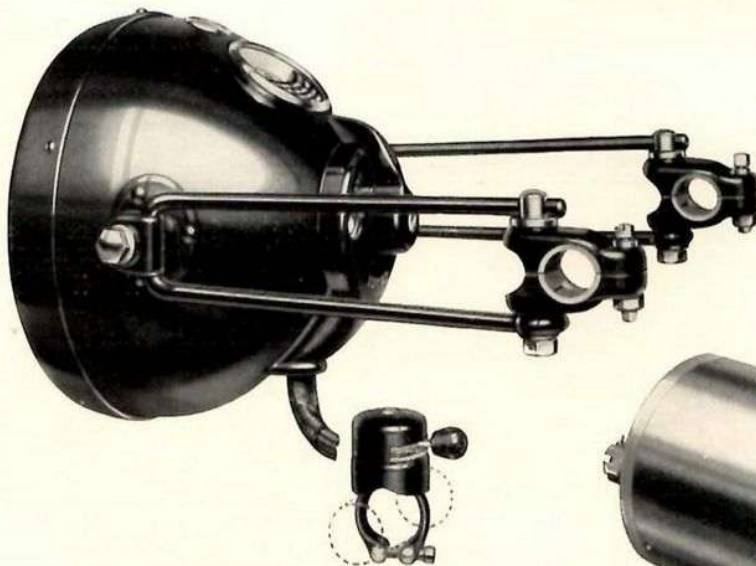
## SETS . . .



BATTERY PUW7E  
WITH SOLO FITTINGS



TAIL LAMP No. MT110



LUCAS No. H52 PROJECTOR  
WITH SWITCH, ILLUMINATED  
AMMETER, DIP-BEAM CONTROL  
SWITCH AND GIRDER BRACKETS



LUCAS DYNAMO No. E3  
WITH END COVER REMOVED  
SHOWING CUT-OUT

JOSEPH LUCAS LTD., BIRMINGHAM, 19, ENGLAND





## LUCAS FESTOON AND DASH LAMPS

The Lucas Festoon Lamps are very useful for illuminating the dash or for lighting the interior of enclosed side-cars or taxi side-cars. These lamps occupy only a small space, and therefore when fitted as roof lamps readily permit the folding back of the hood. In each type the cylindrical body can be rotated to direct the light where required.

Type D10 does not need a separate switch, as turning the lamp body until the glass faces the base of lamp automatically switches the light off. The body is held in position by a spring plunger and can be instantly removed for bulb replacement.

Type D5 has an "on" and "off" switch incorporated in the lamp. Its cylindrical body is hinged to the left-hand supporting post and is held in position on the other side by a spring "click" locking arrangement. By swinging the body on its hinge the window portion of the lamp can be detached and the bulb replaced if required; this also allows the interior of the side-car to be lit direct from the bulb.

### TYPE D10 FESTOON LAMP.

Dimensions:  $5\frac{1}{2} \times 1\frac{3}{4}$  in.  
Takes Festoon Bulb.

Code Word	No.	Finish	With Bulb	CASH PRICE EACH
FAGAB	D10	Ebony Black and Plated.	.. .. .	15 6
FAPUL	D10	Nickel Plated .. .. .	With Bulb .. .. .	16 6

### TYPE D5 FESTOON LAMP.

Dimensions:  $5\frac{1}{2} \times 1\frac{3}{4}$  in.  
Takes standard Tail Lamp Bulb.

Code Word	No.	Finish	With Bulb	CASH PRICE EACH
FAKUD	D5	Ebony Black and Plated.	.. .. .	7 6



DASH LAMP  
TYPE D20

The Lucas Dash Lamps are extremely neat and compact in appearance, and are ideal for use where space is limited.

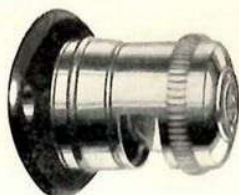
Type D20 does not require a separate switch, as the knurled head of the cover serves this purpose.

Type DF41 is our smallest Dash Lamp, and has a slip-on body held firmly by spring tension. The knurled-head cover also acts as a switch—a quarter turn gives a positive "on" and "off" action.

### TYPE D20 DASH LAMP.

Takes standard Tail Lamp Bulb.

Code Word	No.	Finish	With Bulb	CASH PRICE EACH
FAKIF	D20	Ebony Black and Plated.	.. .. .	5 -
FAKOB	D20	Nickel Plated .. .. .	With Bulb .. .. .	5 -



DASH LAMP  
TYPE DF41

### TYPE DF41 DASH LAMP.

Takes standard Tail Lamp Bulb.

Code Word	No.	Finish	With Bulb	CASH PRICE EACH
FAUFT	DF41	Ebony Black .. .. .	With Bulb .. .. .	3 -
FOUGE	DF41	Chromium Plated, with Black Base	With Bulb .. .. .	3 6

¶ The finish required MUST BE SPECIFIED when ordering.



FESTOON DASH LAMP  
TYPE D5



FESTOON DASH LAMP  
TYPE D10



The Lucas Blue \* Star High-efficiency Gas-filled Bulbs, when introduced, immediately found favour because of their light-giving qualities, which far surpassed any hitherto obtainable. They do not consume any more current than similarly rated types of bulbs, and, like all Lucas Official Spare Bulbs, have to pass tests for correct focussing, yet they are listed at the same price as ordinary bulbs.

## BLUE \* STAR HIGH-EFFICIENCY NON-B.A.S. GAS-FILLED DOUBLE-FILAMENT DIPPING BEAM BULBS.

Code	No.	Volts	Watts	CASH PRICE EACH
FAPIK	624DVMC	6	24-24	3 6
FATUE	618DVMC	6	18-18	3 9
FAPDY	412DVMC	4	12-12	4 -

## BLUE \* STAR HIGH-EFFICIENCY NON-B.A.S. SINGLE CONTACT GAS-FILLED BULBS (Motor-Cycles).

Code	No.	Volts	Watts	CASH PRICE EACH
FAHMY	624S	6	24	2 6
FAHYS	48S	4	8	2 9

## LUCAS OFFICIAL SPARE BULBS (GAS-FILLED).

Code	No.	Volts	Watts	CASH PRICE EACH
FAYYG	B.A.S. 1 Double-contact	6	12	2 6
FAWAT	B.A.S. 1S Single-contact	6	12	2 6
FAWER	B.A.S. 2 Double-contact	6	18	2 3
FAYIV	B.A.S. 2S Single-contact	6	18	2 3
FAYOL	B.A.S. 8 Double-contact	6	3	1 3
FAEFE	B.A.S. 8S Single-contact	6	3	1 3
FAWOC	B.A.S. 8DS Single-contact	6	3	1 4
FAYUC	B.A.S. 9 Double-contact	6	6	1 3
FAYOR	B.A.S. 9S Single-contact	6	6	1 3

## LUCAS OFFICIAL SPARE BULBS (VACUUM).

Code	No.	Volts	Watts	CASH PRICE EACH
FAEGO	*D69	6	9 & 3	3 6
FAEBI	66F	6	6	2 -
FAHRB	42S	4	2	1 8

\* Double filament: One for use as driving light, and an auxiliary filament of lower candle-power for use when driving light is not required.

Code	No.	Volts	Amps.	CASH PRICE EACH
FAUDY	81 M.E.S.	8	.1	6d.
FAVIP	553 M.E.S.	5.5	.3	6d.
FATIR	404 M.E.S.	4	.01	8d.
FAUBU	43D M.E.S.	4	.3	6d.
FASIS	353 M.E.S.	3.5	.3	3½d.
FASOZ	3515 M.E.S.	3.5	.15	6d.
FASUB	252 M.E.S.	2.5	.2	3½d.

Lucas Spare Bulb Case No. 12C is designed to hold a Spare Set of Electric Bulbs, which should always be carried in case of emergency. It carries one Head Lamp bulb and four small (Side-Car or Tail Lamp) bulbs, which are retained in the end covers as shown. A Spring Clip is provided to hold this Bulb Case, and it will be found convenient to secure it to the woodwork of the Side-Car (i.e. under the seat) or to the lid of the toolbox.

Dimensions of Case:—Length, 5½ in. Diameter, 2¼ in.

Code Word	No.	Without Bulbs.	CASH PRICE EACH
FAFAH	12C	To carry one Head Lamp and four small Bulbs, with Spring Clip..	5 6
FAENU	12	Without Clip .. .. .	4 6
		Clip only .. .. .	1 -

Lucas Spare Bulb Case No. MC2 is a moulded case of attractive appearance with copper oxidized end covers. The insides of the covers are fitted with springs to prevent damage to the bulbs from vibration. Neat and compact, it carries two bulbs—one for the head lamp and one small for the tail lamp, side-car lamp, or pilot light of the head lamp. It is particularly suitable for solo machines, as it takes up very little room in the tool bag. It is, of course, just as useful for side-car machines, where it may be carried without risk of damage of the bulbs.

Code Word	No.	Without Bulbs.	CASH PRICE EACH
FAHAK	MC2	To carry one Head Lamp and one small Bulb .. .. .	2 6

The new Lucas Spare Bulb Holder No. BC3 has a neat die-cast base which is fastened by two screws to the woodwork on the side-car in any convenient position. The bulbs are held by spring tension in bayonet fixings, and when the neat bakelite case cover is closed by its spring clip the bulbs are safe from breakage—simple, safe and easy to clean.

Code Word	No.	Without Bulbs.	CASH PRICE EACH
FAVAY	BC3	Base only, for one Headlamp and two small Bulbs .. .. .	1 6
FAVEO	BC3	Complete with Cover and Spring .. .. .	2 6

# LUCAS

## OFFICIAL SPARE BULBS

## AND SPARE BULB CASES

NOS 12C, MC2 & BC3



NO. BC3 BULB CASE



SPARE BULB CASE NO. MC2



SPARE BULB CASE NO. 12C (WITH CLIP)







## CASH PRICES FOR SPARE PARTS

N.B.—All Repairs must bear a Label, **INSIDE THE PACKAGE**, giving sender's name and address, and should be despatched, "Carriage Paid," to Joseph Lucas Ltd., GREAT HAMPTON STREET, BIRMINGHAM, 18, except London District Repairs, which should be sent to our Acton Depot, Dordrecht Road, Acton Vale, W.3.

### CYCLE LAMPS AND CYCLEALITIES

Part No.	ACETYLENE LAMPS	Price.
N150	Backs, complete with Arms—Nos. 326, 326T	3/- each.
N151	Nos. 143, 143D, 143T, 157, 157L	1 6 "
N153	Nos. 133, 133D, 133T	1/- "
N154	Backs only—Nos. 326, 326T	1 6 "
N155	Nos. 143, 143D, 143T, 157, 157L	8d. "
N156	Nos. 133, 133D, 133T	6d. "
N111	Back Screws—Nos. 326, 326T, 153	2/- doz.
N159	Nos. 133, 133D, 133T	1/- "
N160	Nos. 143, 143D, 143T, 157, 157L	1/- "
N249	Back Screw Assembly—No. 326	4/- "
N257	Back Springs—Nos. 326, 260, L.H. 7-Coil, 143	2/- "
38 143	Nos. 326, 260, R.H. 6-Coil, 153, 157	2/- "
N259	No. 133	1/- "
N161	Burners—No. 53 ("Roni") for Nos. 310, 321, 326	(10½ Litres) 1 2 each.
N164	No. 11 for Nos. 143, 143D, 143T, 153, 157, 157L	(7 " ) 5/- doz.
N165	No. 10s for Nos. 133, 133D, 133T	(7 " ) 4/- "
N167	Burner-cleaning Brush for "Roni" Burners	3/- "
N241	Burner Cleaner (push-in)	1/- "
N225	Burner Sockets—Nos. 133, 133D, 133T—Angle Type	4/- "
N256	No. 326	4/- "
N226	Nos. 143, 143D, 143T—Straight Type	4/- "
N229	Nos. 157, 157L	6d. each.
N168	Carbide Cover, with Spring—Nos. 143, 153, 157, 157L, 321	6d. "
N975	No. 133	6d. "
N170	Nos. 260, 326	6d. "
N172	Carbide Plate and Tube—Nos. 326, 326T	8d. "
N248	Carbide Tubes (loose round pattern)—Nos. 326, 260	1/- doz.
N175	Containers—secured by Cage—Nos. 326, 326T, 260	1 3 each.
N176	Nos. 157, 157L	1/- "
N177	Containers (Taper Feed Type)—Nos. 143, 143D, 143T, 153, 319, 321	N.P. 1 6 "
		C.P. 1 10 "
N178	Nos. 133, 133D, 133T	N.P. 1 - "
		C.P. 1 3 "
N179	Container Cages—Nos. 326, 326T, 260	2 - "
N180	Nos. 157, 157L	1 3 "
N719	Filters (Wool) sufficient for 50 Lamps.	1 - box.
N218	Front Bodies, complete—Nos. 133, 133T	2 9 each.
N219	Nos. 143, 143T	3 3 "
N220	Nos. 326, 326T	7 - "
N222	No. 157	4 3 "
N223	No. 157L	4 9 "
N214	Front Rim, with Glass—Nos. 133, 133D, 133T	1 - "
N215	Nos. 143, 143D, 143T, 157, 319	1 4 "
N216	Nos. 326, 326T, 153	1 9 "
N217	Front Rim, with Lens—No. 157L	1 10 "
N184	Glasses (Front), Domed—2½ in., No. 133	2/- doz.
N239	¾ in., Nos. 143, 157, 326, 153, 314	2/- "

POSTAGE EXTRA.

Please state Part Number and Finish when ordering Spares.

(Continued.)





## CASH PRICES FOR SPARE PARTS

(CONTINUED)

Part No.	ACETYLENE LAMPS—continued	Price.
N237	Inside Cone Plates—Nos. 260, 326 .. .. .	1 - doz.
N230	Inside Cones—Nos. 143, 143D, 143T, 153 .. .. .	3 - ..
N240	Nos. 133, 133D, 133T .. .. .	3 - ..
N231	Nos. 157, 157L .. .. .	3 - ..
N232	Nos. 326, 326T, 260 .. .. .	3 - ..
N234	Inside Cone Fly Nuts—Nos. 260, 326, 314, 316 .. .. .	1 - ..
N188	Lenses, Front—2½ in., No. 133 .. .. .	1 - each.
N190	¾ in., Nos. 143, 157L, 326, 153, 314 .. .. .	1 6 ..
N191	Reflectors (Back) only—Nos. 133, 133D, 133T .. .. .	6d. ..
N192	Nos. 143, 143D, 143T, 319 .. .. .	6d. ..
N193	Nos. 310, 321, 326 .. .. .	6d. ..
N251	Reflectors, Complete—Nos. 157, 157L .. .. .	9d. ..
N990	Reflector, Complete—No. 326 .. .. .	1 6 ..
N198	Reflector Glasses—Nos. 310, 321, 326 .. .. .	6d. ..
N199	Reflector Holding Rims—Nos. 310, 321, 326 .. .. .	6d. ..
N201	Regulators—Nos. 326, 326T, 260 .. .. .	8d. ..
N202	Nos. 321, 319, 143, 143D, 143T, 153, 157, 157L .. .. .	6d. ..
N203	Nos. 133, 133T .. .. .	6d. ..
N244	Rubber Ring for Container—Nos. 133, 133D, 133T .. .. .	2 - doz.
N245	Nos. 143, 143D, 143T, 153, 319, 321 .. .. .	2 - ..
N246	Nos. 326, 326T, 260 .. .. .	2 - ..
N205	Taper Feed Tubes—Nos. 143, 143D, 143T, 153, 319, 321, 157, 157L .. .. .	3 - ..
N206	Nos. 133, 133D, 133T .. .. .	3 - ..
N208	Water Filler Plugs—Nos. 326, 326T, 260 .. .. .	4 - ..
N210	Water Filler Caps—Nos. 133, 133T, 143, 143D, 143T, 157, 157L .. .. .	4 - ..
N744	Water Body, N.T.—No. 143 .. .. .	3 - each
N746	" " N.T.—No. 133 .. .. .	2 6 ..
N211	Wires for Holding Front Glasses—Nos. 143, 153, 260, 157, 314, 326 .. .. .	1 - doz.
N212	No. 133 .. .. .	1/- ..
N1422	Length of Rubber Tubing for 326T Sets .. .. .	6d. each.

### CYCLE LAMPS—OIL.

N100	Backs, complete with Arms—No. 300 .. .. .	3 - each.
N140	Nos. 59, 62, 62D, 74 .. .. .	1 6 ..
N101	Nos. 23T, 29T .. .. .	8d. ..
N722	No. 33B .. .. .	6d. ..
N102	No. 43B .. .. .	6d. ..
N108	Back Springs (Wire)—No. 300 .. .. .	1/- doz.
N109	Nos. 59, 74 .. .. .	1/- ..
N160	Back Screws (Small)—Nos. 59, 62, 62D, 74 .. .. .	1 - ..
N111	" " (Large)—No. 300 .. .. .	2 - ..
N249	Back Screw Assembly—No. 300 .. .. .	4 - ..
N112	Bell, Lens and Rim—No. 300 .. .. .	3 6 each.
N120	Burners—Nos. 59, 62, 62D .. .. .	8d. ..
N121	Nos. 74, 300 .. .. .	8d. ..
N122	Nos. 33, 43, 29T, 23T .. .. .	8d. ..
N130	Feeder Screw—No. 300 .. .. .	4 - doz.
N113	Front Lens and Rim—No. 300 .. .. .	2 - each.
N114	Nos. 59, 62, 62D .. .. .	1 6 ..
N123	Glasses, with Hinged Rim, Side—Nos. 300, 74 .. .. .	9d. ..
N124	Nos. 62, 43 .. .. .	3 - doz.
N125	No. 59 .. .. .	3 - ..
N127	Hinge Pin for Front—Nos. 62, 62D, 300 .. .. .	1/- ..
N128	No. 59 .. .. .	1 - ..
N135	Oil Vessel, complete with Back (Standard)—No. 300 .. .. .	4 7 each.
N136	No. 59 .. .. .	1 9 ..
N137	Nos. 62, 62B, 62D .. .. .	1 6 ..
N116	Reflector, with Glass and Ring—Nos. 62, 62D, 300 .. .. .	6d. ..
N118	Reflector—No. 59 .. .. .	6d. ..

POSTAGE EXTRA.

Please state Part Number and Finish when ordering Spares.

(Continued.)





## CASH PRICES FOR SPARE PARTS

(CONTINUED)

Part No.	CYCLE LAMPS—ELECTRIC.	Price.
LR164	Front Rims—Nos. 305, 304D, 302	1.9 each.
LR370	Rim only—No. 305A	1.9
LR461	No. 305B	2 -
LR436	Rim—No. 79	9d.
SW1595	Front Rim—No. H25	9d.
LR373	Rim, Glass and Reflector—Nos. 69, 69D, 69DSB	1.2
LR386	No. 305A	3.6
LR460	No. 305B	3.9
LR402	No. 307/6	2.3
LR406	No. 307/4	2.3
LR407	Rim, with Glass—No. 79	1 -
35 305	Glasses, Difusa—No. 304D, 305, 305A, 305B	6d.
SW1600	No. H25	6d.
NA2302.13	Glass, Clear—Nos. 69, 69D, 69DSB	1.6 doz.
29.31	No. 79	3 -
8.307	Nos. 302, 307/4, 307/6	3 -
B0158	Bulb Holder—Main No. 304D	1.3 each.
BH35	No. 302, 307/4	1 -
BH34	No. 307/6.30	9d.
N1426	Shock Absorber for No. 305 Back	3 - doz.

### BELLS.

N360	Bases only—No. 65	1.3 each.
N361	No. 61 Ebony Black	10d.
N700	No. 61 Nickel Plated	10d.
N496	No. 61 Chromium Plated	1.1
N362	No. 62 Ebony Black	10d.
N701	No. 62 Nickel Plated	10d.
N363	No. 82 Ebony Black	9d.
N702	No. 82 Nickel Plated	9d.
N497	No. 82 Chromium Plated	1 -
N367	Bodies, with Action—No. 34 Ebony Black	3 -
N703	No. 34 Nickel Plated	3 -
N368	No. 32 Nickel Plated	1.9
N704	No. 32 Ebony Black	1/9
N404	No. 32 Chromium Plated	2.2
N705	No. 50 Ebony Black	1.6
N369	No. 50 Nickel Plated	1.6
N706	No. 50 Chromium Plated	1.9
N401	Clip, Band Fixing	3 - doz.
N407	Clips, Half, for 2-Screw Clip—No. 34 Bell	1 -
N408	" " " " " Nos. 32, 216, 256	1 -
N409	" " " " " No. 236	1 -
N707	Domes—No. 65 Ebony Black (with Spring)	3.6 each.
N348	High Pitch—No. 34 Ebony Black	1.4
N708	High Pitch—No. 34 Nickel Plated	1.4
N351	Low Pitch—No. 34 Ebony Black	1.4
N709	Low Pitch—No. 34 Nickel Plated	1.4
N411	High Pitch—No. 32 Chromium Plated	1.3
N710	High Pitch—No. 32 Ebony Black	1 -
N412	Low Pitch—No. 32 Chromium Plated	1.3
N711	Low Pitch—No. 32 Ebony Black	1 -
N413	No. 61 Chromium Plated	1.11
N712	No. 61 Ebony Black	1.8
N713	No. 62 Ebony Black	1.4
N414	No. 50 Chromium Plated	1.8
N714	No. 50 Ebony Black	1.3
N415	No. 82 Chromium Plated	1.4

POSTAGE EXTRA.

Please state Part Number and Finish when ordering Spares.

(Continued.)





## CASH PRICES FOR SPARE PARTS (CONTINUED)

Part No.	BELLS—continued	Price.
N715	Domes (with Spring)—No. 82 Ebony Black .. .. .	1 2 each.
N380	Hammer, complete—No. 65 .. .. .	6d. ..
N381	No. 34 .. .. .	8d. pair.
N382	No. 32 .. .. .	8d. ..
N383	No. 61 .. .. .	6d. each.
N384	No. 62 .. .. .	6d. ..
N385	No. 50 .. .. .	6d. ..
N386	No. 82 .. .. .	6d. ..
N370	Levers—No. 65 .. .. .	6d. ..
N371	No. 31 .. .. .	6d. ..
N372	No. 32 .. .. .	6d. ..
N373	No. 61 .. .. .	6d. ..
N374	No. 62 .. .. .	6d. ..
N375	No. 82 .. .. .	6d. ..
N376	No. 50 .. .. .	6d. ..
N377	No. 73 .. .. .	6d. ..
N390	Lever Springs—Nos. 73, 82 .. .. .	1 - doz.
N391	Nos. 61, 62 .. .. .	1 - ..
N392	No. 32 .. .. .	1 - ..
N393	No. 34 .. .. .	1 - ..
N394	No. 50 .. .. .	1 - ..
N397	Pinion Wheels—No. 65 .. .. .	6d. each.
N398	Nos. 61, 62 .. .. .	6d. ..
N399	Nos. 82, 256 .. .. .	6d. ..
N400	Nos. 73, 216 .. .. .	6d. ..
NG17 136	Screw for Clip N407 .. .. .	5 - gro.
N716	Dome Screws .. .. .	1 6 doz.

## MOTOR-CYCLE LAMPS AND GENERATORS

Part No.		Price.
N605	No. 37 Bracket Stirrup for fixing 42-32 Generator .. .. .	1 6 each.
N267	Burners ("Ron")—No. 52 for Nos. 341, 462, 472 (1 1/2 Litres) .. .. .	2 - ..
N268	No. 40 for Nos. 342, 345, 442, 320, 420 (1 1/2 " ) .. .. .	1 4 ..
N269	No. 30 for No. 331 .. .. .	1 4 ..
N161	No. 53 for No. 354 .. .. .	1 2 ..
N164	No. 11 for No. 350 .. .. .	5d. ..
N717	Burners—No. 18 for Tail No. 345 .. .. .	3 - doz.
N602	Burner Socket—Nos. 420, 320 .. .. .	6d. each.
N599	No. 320 .. .. .	6d. ..
N337	No. 472 .. .. .	1 3 ..
N340	No. 442 (Straight Type) .. .. .	6d. ..
N342	No. 342 (Straight Type) .. .. .	6d. ..
N345	No. 345 .. .. .	6d. ..
N282	Carbide Containers—No. 31 .. .. .	1 6 ..
N283	No. 42 .. .. .	2 9 ..
N286	No. 62 .. .. .	2 - ..
N292	Carbide Cover and Spring—Nos. 51, 52, 62 .. .. .	6d. ..
N293	No. 42 .. .. .	6d. ..
N295	Carbide Plate and Tube—No. 31 .. .. .	9d. ..
N297	Nos. 51, 62 .. .. .	9d. ..
N301	Carbide Tube—No. 42 .. .. .	2 - doz.
N302	Nos. 51, 62 .. .. .	3 - ..
N303	No. 31 .. .. .	1 - ..
N306	Centre Screw—No. 31 .. .. .	10d. each.
N288	Container Cage—No. 62 .. .. .	2 9 ..

POSTAGE EXTRA.

Please state Part Number and Finish when ordering Spares.

(Continued.)





## CASH PRICES FOR SPARE PARTS (CONTINUED)

Part No.	MOTOR-CYCLE LAMPS AND GENERATORS.—continued	Price.
N324	Front Door, complete—No. 472	11 6 each.
N600	No. 420	7 - "
N607	No. 320	4 6 "
N326	No. 462 (less Hood)	8 6 "
N327	Nos. 341, 342, 345, 454	5 - "
N328	No. 331	3 9 "
N309	Glass only—No. 472	1 6 "
N601	No. 420	9d. "
N608	No. 320	6d. "
N310	Nos. 442, 462	1 - "
N311	Nos. 341, 342, 345, 454	9d. "
N312	No. 331	9d. "
N239	Nos. 350, 354	2 - doz.
N747	Inside Cones—No. 31	6d. each.
N748	No. 42	6d. "
N724	No. 62	6d. "
N316	Mangin Mirror—No. 472	10 - "
N317	No. 462	8 - "
N318	Nos. 341, 454	6 6 "
N319	Mirror Reflector—Nos. 442, 420	3 - "
N320	Nos. 342, 345, 320	2 - "
N321	No. 331	1 4 "
N718	Side Door complete—No. 345 Tail	9d. "
N262	Regulator, with Spring—No. 31	6d. "
N263	No. 42	6d. "
N264	Nos. 51, 62	1 - "
N276	Rubber Rings—No. 31	2 - doz.
N277	No. 42	3 - "
N278	No. 62	3 - "
SW2595	Side Socket Screws—Nos. 420, 320	3 - "
N720	Water Part only for 62 Generator	11 - each.
N604	Water Part only for 42 Generator	8 9 "
N304	Water Filler Screw—Nos. 31, 44, 54, 45, 52	4 - doz.
N305	Nos. 51, 62	6d. each.
N606	Wing Nuts for securing Generators—all types	6d. "
N331	Wire for Glass—No. 472	9d. "
N332	Nos. 442, 462	4 - doz.
N333	Nos. 341, 342, 345, 454	4 - "
N334	No. 331	4 - "
N993	Reflector Ring—Nos. 420, 442, 462	1 4 each.

### MOTOR-CYCLE HORNS.

N420	Bulb with Socket—Nos. 32, 60	4 3 each.
N421	No. 60P	3 3 "
N417	No. 63	3 3 "
N346	No. 40	3 - "
N428	Handle-bar Clip, complete with Screws—No. 32	1 6 "
N429	No. 60	1 6 "
N430	No. 60P	1 6 "
N431	No. 63	1 6 "
N419	No. 40	1 6 "
N424	Horn Reed—No. 32	1 9 "
N425	No. 60	1 9 "
N426	No. 60P	1 9 "
N427	No. 63	1 - "
N347	No. 40	7d. "

POSTAGE EXTRA.

Please state Part Number and Finish when ordering Spares.

FOR PARTICULARS OF SPARES FOR ELECTRICAL EQUIPMENT SEE  
SEPARATE LISTS.

FOR DETAILS OF CARDED SPARES, IGNITION KITS, CABINETS OF  
SUNDRY SMALL PARTS, ETC., SEE SEPARATE LISTS





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