

1929

LUCAS

MOTOR-CYCLEALITIES

ELECTRICAL AND
NON-ELECTRICAL



KING OF THE ROAD

www.rpw.it

LUCAS

MOTOR-CYCLE REALITIES

DESIGNED AND MANUFACTURED BY
JOSEPH LUCAS LIMITED

HEAD OFFICES AND WORKS:
GREAT KING STREET, BIRMINGHAM

TELEGRAMS & CABLES: "LUCAS, BIRMINGHAM." TELEPHONE: NORTHERN 2201 (10 LINES).
CODES USED: A B C (5TH AND 6TH EDITIONS) AND BENTLEYS

WHOLESALE DEPÔTS:

BELFAST—3-5, Calvin Street, Mountpottinger.

Telegrams: "SERVDEP, BELFAST"
Telephone: BELFAST 7017.

BRISTOL—345, Bath Road.

Telegrams: "KINGLY, BRISTOL."
Telephone: BRISTOL 8400 (4 lines).

CARDIFF—Penarth Road.

Telegrams: "LUCAS, CARDIFF."
Telephone: CARDIFF 4603 (4 lines).

DUBLIN—Taylor Bros., 41, Middle Abbey Street.

Telegrams: "AUTOLITE, DUBLIN."
Telephone: DUBLIN 653.

GLASGOW—227-229, St. George's Road.

Telegrams: "LUCAS, GLASGOW"
Telephone: DOUGLAS 3075 (3 lines).

LEEDS—64, Roseville Road.

Telegrams: "LUSERDEP, LEEDS."
Telephone: LEEDS 28591 (5 lines).

LONDON—224, Shaftesbury Avenue, W.C.2.

Telegrams: "GUIDEPOST, WESTCENT, LONDON."
Telephone: REGENT 8033 (3 lines).

MANCHESTER—291-293, Deansgate.

Telegrams: "LUMINOUS, MANCHESTER."
Telephone: CENTRAL 6420 (2 lines).

NEWCASTLE-ON-TYNE—64-66, St. Mary's Place.

Telegrams: "MOTOLITE, NEWCASTLE-ON-TYNE."
Telephone: CENTRAL 3571 (3 lines).

FOR LIST OF SERVICE DEPOTS SEE PAGE 40.

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 the United Kingdom of Great Britain and Ireland without our written authority.

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.

LUCAS

"KING OF THE ROAD" PROJECTOR SET No. 472

No. 472 is a large Acetylene Projector Set giving a driving light which is extraordinarily powerful, the road being flooded with an even and penetrative light for a long distance ahead.

It is fitted with a **Mangin Lens Mirror**, is bold yet pleasing in appearance, and is built on similar lines to our Car Projectors. The finish is of the high class always associated with the name "Lucas."

The Generator is of the drip-feed type, has a two-way nipple, and the carbide container is fixed or unfixed by a slight turning movement. This fixing is a Lucas patent—therefore exclusive.

No.		CASH PRICE
472	COMPLETE SET —includes Projector No. 472, Generator No. 62, Double Bracket No. 61B for handle-bar, and Tubing. Ebony Black finish	£3 0 0

PROJECTOR ONLY—

No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.	
472	7 $\frac{1}{4}$ in.	3 $\frac{3}{4}$ lb.	7 $\frac{1}{4}$ in.	6 $\frac{1}{4}$ in.	No. 52	Ebony Black	2 0 0

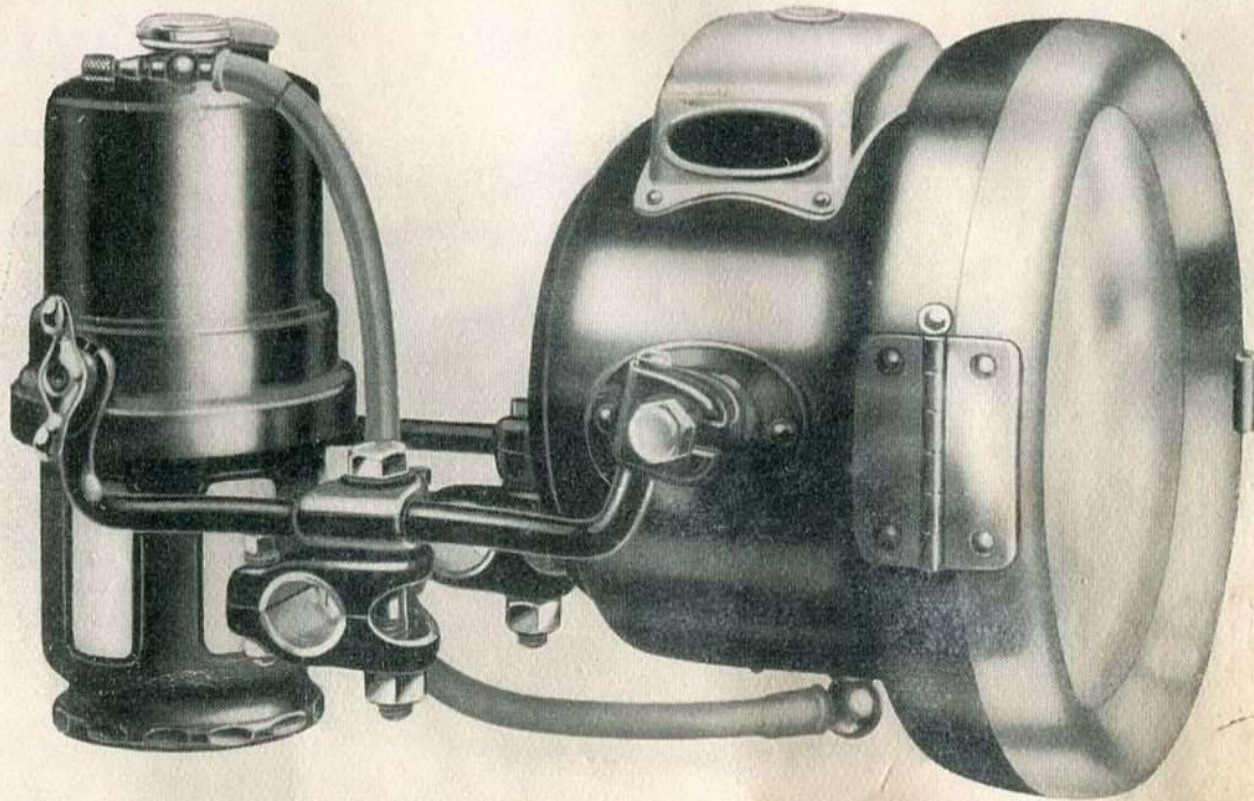
GENERATOR ONLY—

62	Supplies gas for 4 $\frac{1}{2}$ hours. Ebony Black finish	15 0
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Ebony Black is the standard finish, but Nickel Plated can be supplied if ordered.

POSTAGE EXTRA.

"KING OF THE ROAD"
SET No. 472
(WITH DOUBLE BRACKET)



This Projector can be swung round for inspection purposes without being removed from Bracket.

LUCAS

"KING OF THE ROAD" PROJECTOR SET No. 472S

(SPORTS MODEL)

No. 472S is a Sports Model Projector Set. It is fitted with a genuine **Mangin Lens Mirror**, and the Projector is mounted well forward by means of our Girder Brackets No. 48, which are strong and rigid.

Its powerful, penetrative light is projected for a considerable distance ahead, enabling the rider to maintain a high average speed with safety.

The Generator can be fitted to bars or down tubes, as required, by its adjustable bracket, and the carbide container is attached by our patented quick-action fixing.

No.		CASH PRICE
472S	COMPLETE SET —includes Projector No. 472, Projector Girder Brackets (No. 48) for handle-bar, Generator No. 62 with Tubing and No. 37 Generator Bracket. Ebony Black finish	£3 0 0

PROJECTOR ONLY—

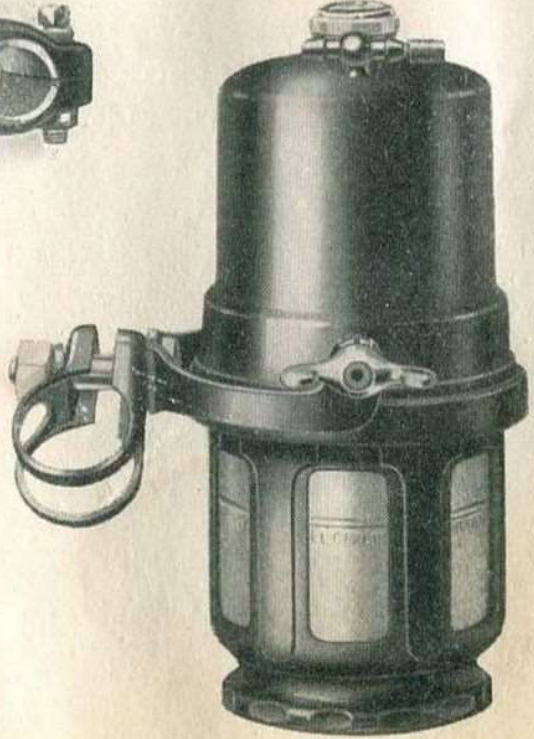
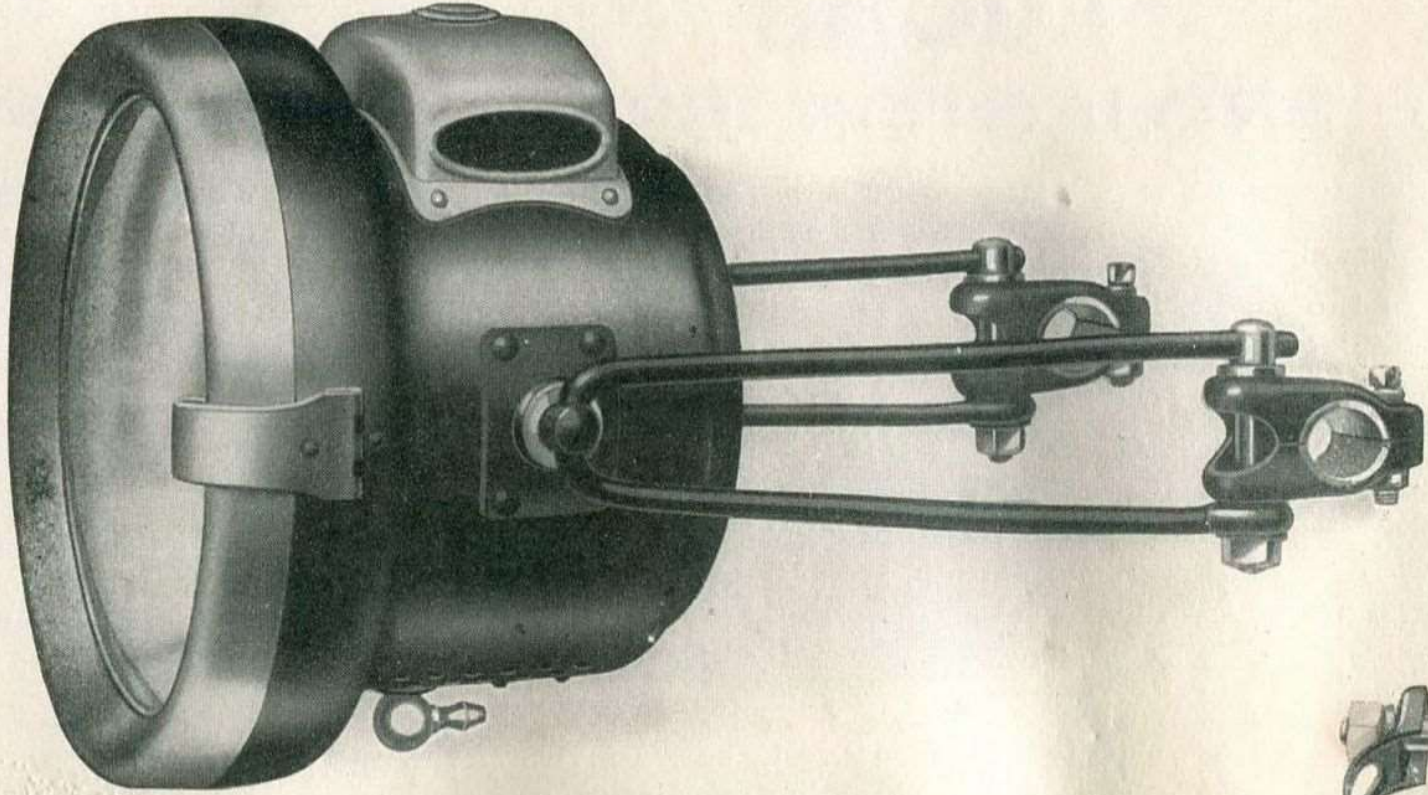
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.	
472	7 $\frac{1}{4}$ in.	3 $\frac{3}{4}$ lb.	7 $\frac{1}{4}$ in.	6 $\frac{1}{4}$ in.	No. 52	Ebony Black	.. .. . 2 0 0

GENERATOR ONLY—

62	Supplies gas for 4 $\frac{1}{2}$ hours. Ebony Black finish	15 0
37	GENERATOR BRACKET for No. 62 Generator	2 6

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

POSTAGE EXTRA.



" KING OF THE ROAD "
SET NO. 472S
(SPORTS MODEL)

LUCAS

"KING OF THE ROAD" PROJECTOR SET No. 462FS

No. 462FS is built on similar lines to our Motor-Car Projectors, with a special **Mangin Lens Mirror** and **Parabolic Reflector**, which project a powerful, penetrative light, enabling the rider to discern pedestrians, vehicles, or obstacles, at a considerable distance, while providing 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.

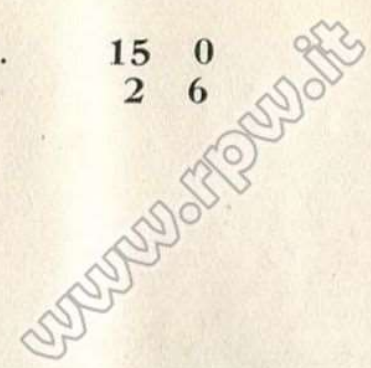
The Generator is of the drip-feed type, has a two-way nipple, and the fixing of the carbide container is effected by our patented method, which is the quickest imaginable. A slight turning movement serves to fix or unfix the container.

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. They can be fixed to most standard machines, and are adjustable for level. 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.

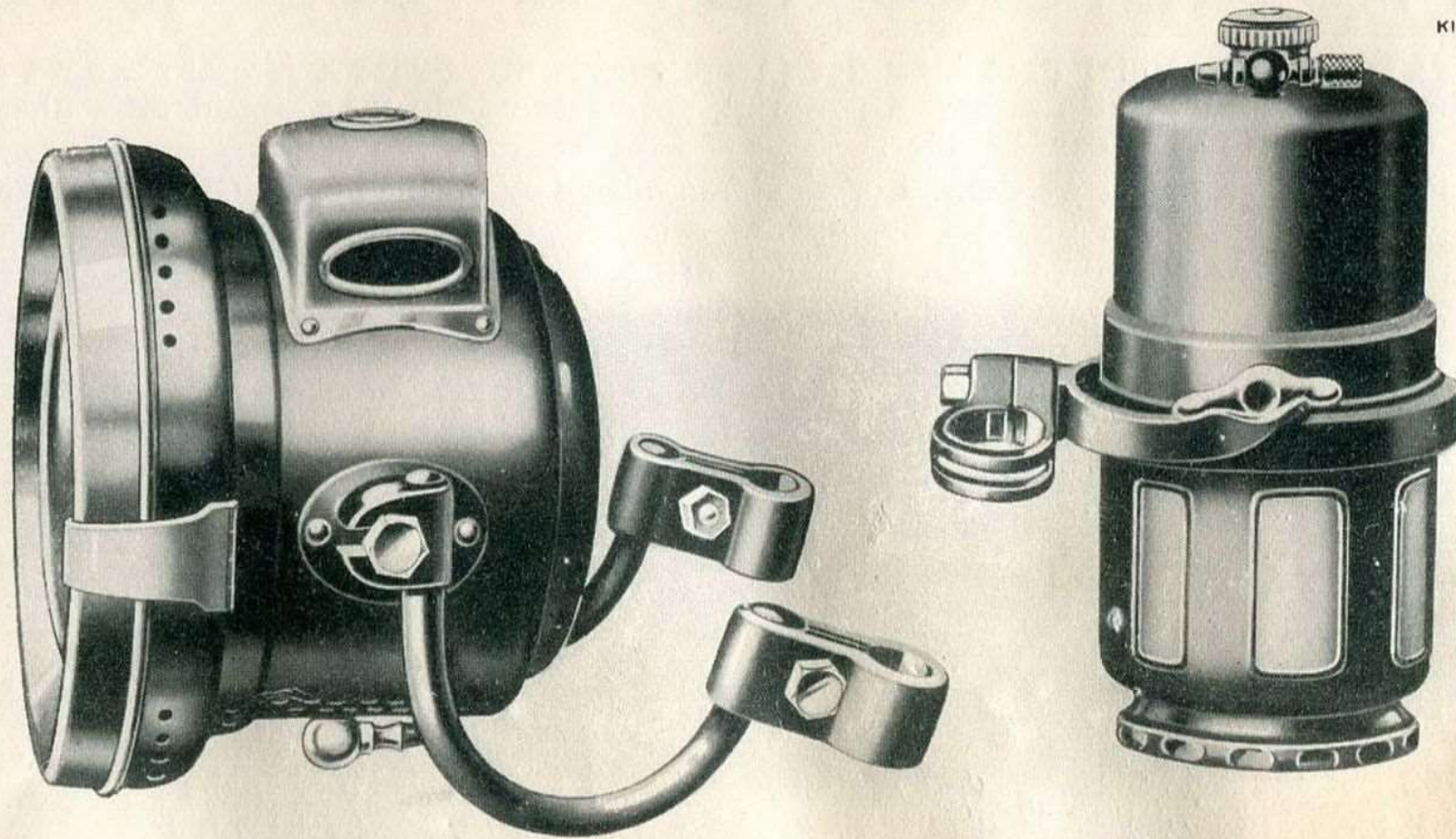
No.								CASH PRICE
462FS	COMPLETE SET —includes Projector, Generator, Generator Bracket No. 37, Fork Brackets No. 39 for front forks, and Tubing. Ebony Black finish							£2 10 0
	PROJECTOR ONLY —							
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.		
462	6½ in.	3 lb.	6½ in.	5 in.	No. 52	Ebony Black	.. .. .	1 10 6
	GENERATOR ONLY —							
62	Supplies gas for 4½ hours. Ebony Black finish							15 0
37	Generator Bracket							2 6

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

POSTAGE EXTRA.



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



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

LUCAS "KING OF THE ROAD"

PROJECTOR SETS Nos. 462S AND 462

No. 462S Sports Model Projector Set (Acetylene) is fitted with a special **Mangin Lens Mirror** and **Parabolic Reflector**, which project a powerful, penetrative light for a considerable distance and give the necessary width of beam near the rider.

The Projector can be set well ahead of the handle-bars by means of our Girder Brackets No. 48, to complete the general outline of a Sports Machine.

The Generator is of the drip-feed type and is fitted with a special adjustable bracket which enables it to be fitted to the handle-bar, down tubes, etc., where required.

No.									CASH PRICE
462S	COMPLETE SET —includes Projector, Projector Girder Brackets (No. 48) for handle-bar, Generator (No. 62) with Tubing, and No. 37 Generator Bracket. Ebony Black finish								£2 10 0
	PROJECTOR ONLY —								
462	Height. 6½ in.	Weight. 3 lb.	Front. 6½ in.	Class. 5 in.	Burner. No. 52	Finish. Ebony Black	.. .. .	.. .. .	1 10 6
	GENERATOR ONLY —								
62	Supplies gas for 4½ hours. Ebony Black finish								15 0
37	GENERATOR BRACKET								2 6

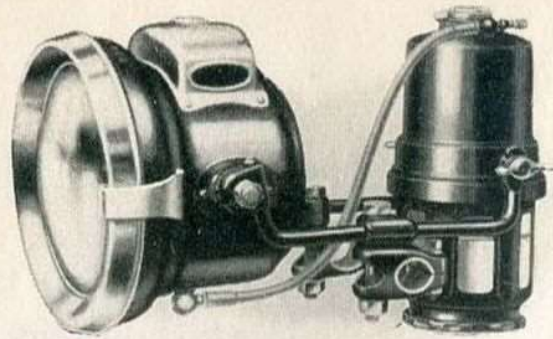
No. 462 Set has a Double Bracket carrying Projector and Generator on the handle-bar. It can be fixed to most standard machines, is adjustable for level, and will fit $\frac{7}{8}$ in. or 1 in. bars.

No.	Finish.							CASH PRICE
462	Ebony Black	..	..	..	..	..	..	£2 10 0

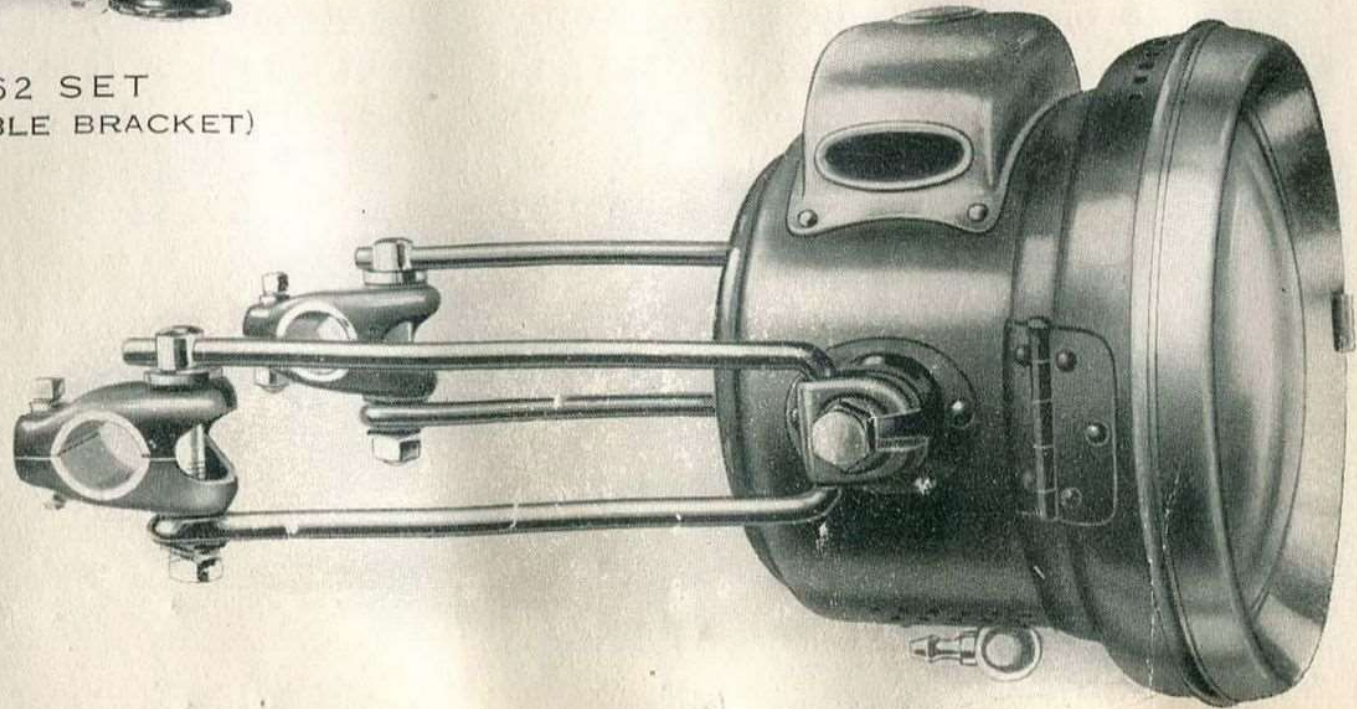
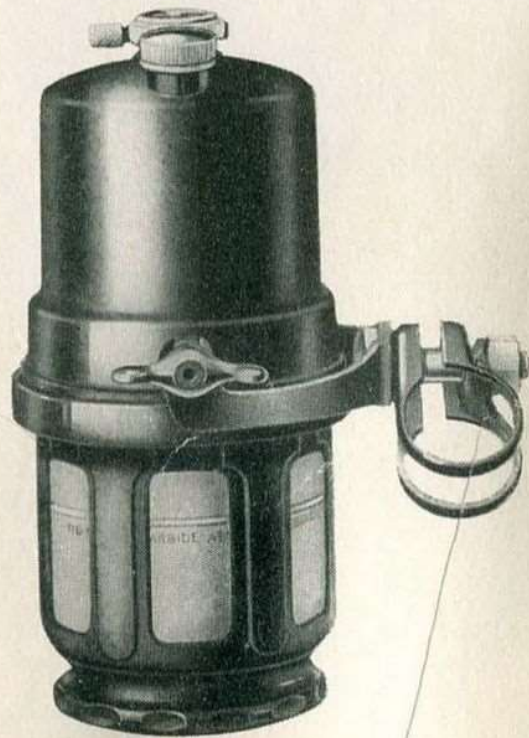
Ebony Black is the standard finish, but Nickel Plated can be supplied if ordered.

POSTAGE EXTRA.





NO. 462 SET
(WITH DOUBLE BRACKET)



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

LUCAS

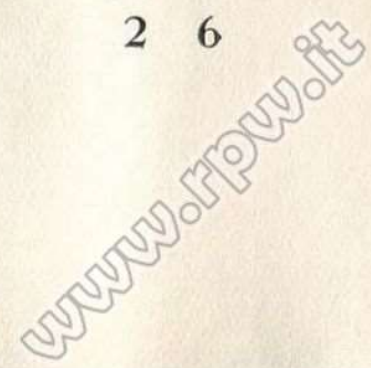
"KING OF THE ROAD" PROJECTOR SET No. 420FS

No. 420FS is a soundly constructed Projector Set, 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 is of the drip-feed type, has a two-way nipple and our patented quick-action fixing, and is supplied with a stirrup bracket, making it suitable for fixing to down tubes, etc., where required.

No.								CASH PRICE
420FS	COMPLETE SET —includes Projector, Generator, Generator Bracket No. 37, Fork Bracket No. 39 for front forks, and Tubing. Ebony Black finish							£1 12 6
	PROJECTOR ONLY —							
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.		
420	6½ in.	2¼ lb.	6½ in.	5 in.	No. 40	Ebony Black		18 6
	GENERATOR ONLY —							
42	Supplies gas for 4½ hours.		Ebony Black finish		.. .. .	.. .. .		10 0
37	Generator Bracket		.. .. .	.. .. .	.. .. .	.. .. .		2 6

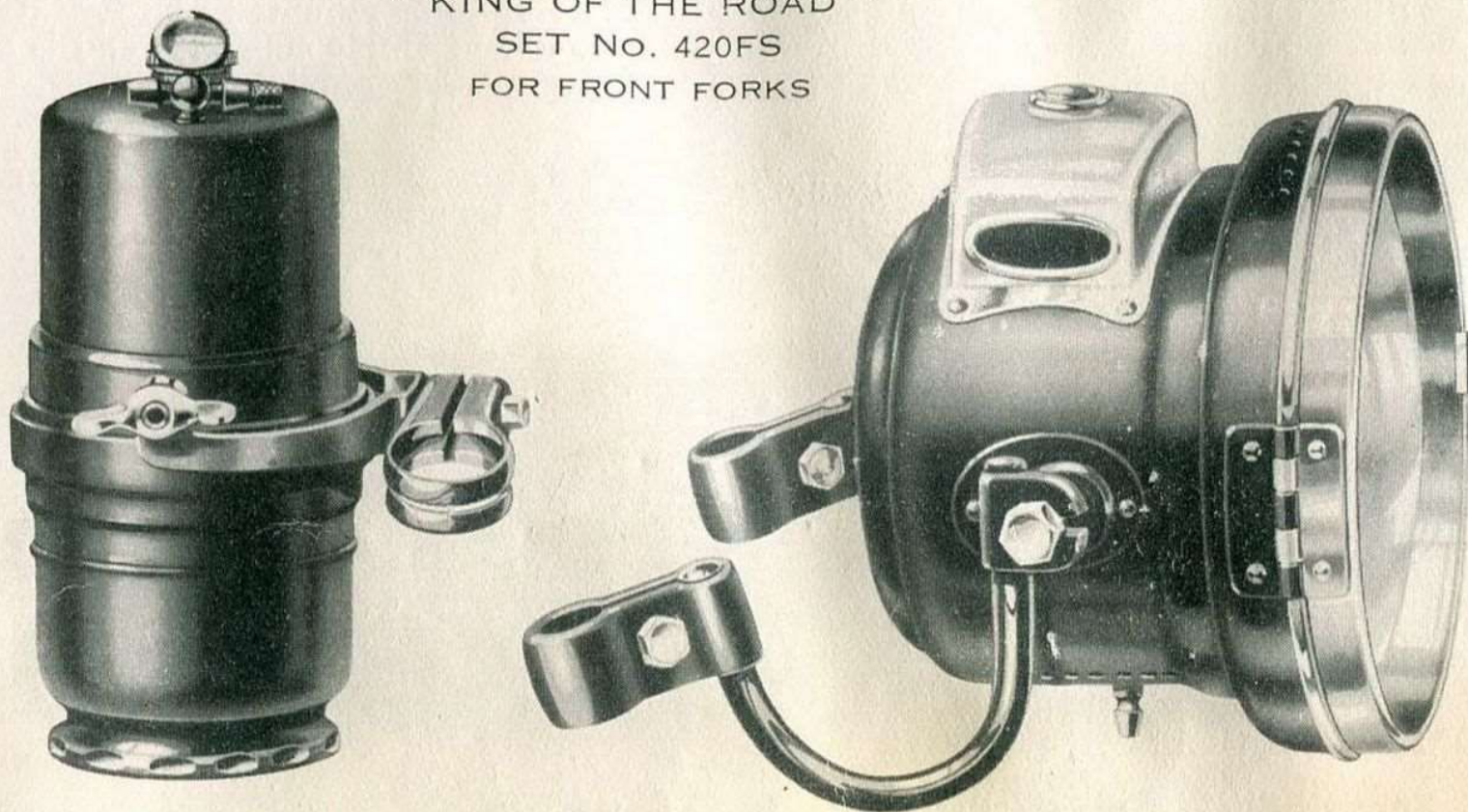
Ebony Black is the standard finish, but Nickel Plated can be supplied if ordered.

POSTAGE EXTRA.





“ KING OF THE ROAD ”
SET No. 420FS
FOR FRONT FORKS



LUCAS "KING OF THE ROAD"

PROJECTOR SETS Nos. 420S AND 420

No. 420S, a **Sports Model Projector Set**, is similar to the model described on page 10, but is fitted with our Girder Brackets which enable the Projector to be mounted well forward, completing the appearance of a Sports Machine. The drip-feed Generator is of ample capacity, and is supplied with a stirrup bracket, making it suitable for fixing to down tubes, etc., where required.

No.								CASH PRICE
420S	COMPLETE SET —includes Projector, Projector Girder Brackets (No. 48) for handle-bar, Generator No. 42, with Tubing, and No. 37 Generator Bracket. Ebony Black finish							£1 12 6
	PROJECTOR ONLY—							
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.		
420	6½ in.	2¼ lb.	6½ in.	5 in.	No. 40	Ebony Black		18 6
	GENERATOR ONLY—							
42	Supplies gas for 4½ hours.		Ebony Black finish		.. .. .		10 0	
37	GENERATOR BRACKET							2 6

No. 420 Projector Set is fitted with Double Brackets which are adjustable to allow the lamp to be tilted to the desired angle for the best projection of the light.

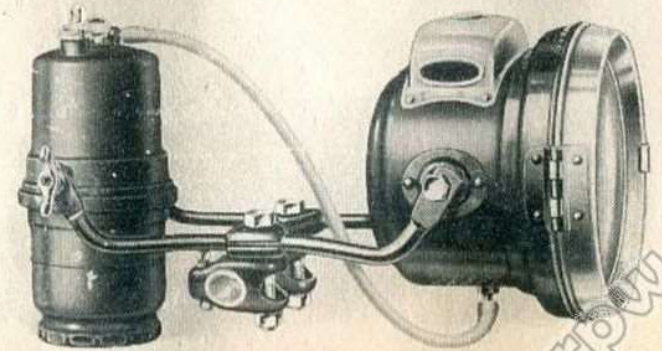
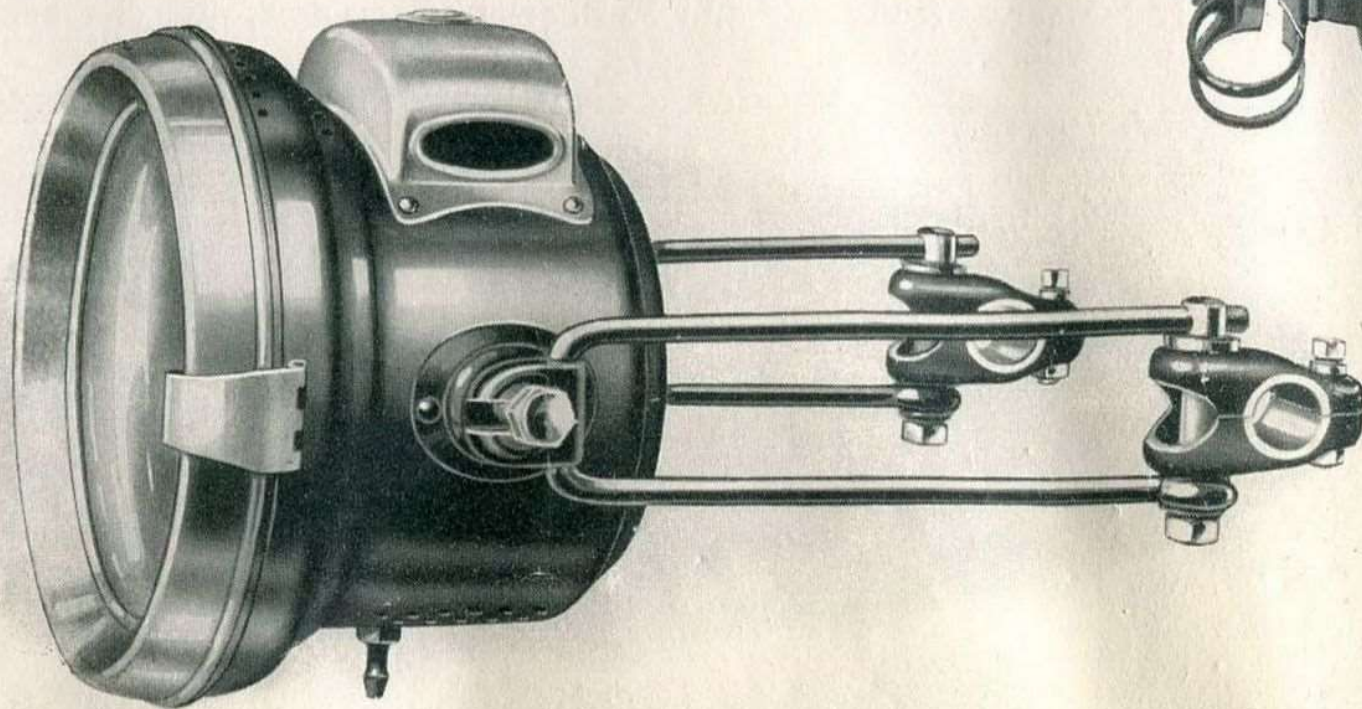
No.								CASH PRICE
420	COMPLETE SET. Ebony Black finish							£1 11 0

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

POSTAGE EXTRA.



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



No. 420 SET
WITH DOUBLE BRACKETS

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LUCAS

"KING OF THE ROAD" PROJECTOR SET No. 320FS

This Acetylene Set has a fork bracket, and is designed for fixing to the front forks.

The Projector is fitted with a **Silvered Mirror Reflector** and **Reflector Extension**, and can be readily adjusted to throw the light on the road where required.

The Generator is of ample capacity and has our patented fixing, a slight turning movement enabling it to be quickly fixed or unfixd. It is of the drip-feed type, giving a steady supply of gas and, therefore, even illumination. 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.

No.								CASH PRICE
320FS	COMPLETE SET —includes Projector, Generator No. 32, Generator Bracket No. 37, Fork Brackets No. 39 for front forks, and Tubing. Ebony Black finish							£1 2 6
	PROJECTOR ONLY —							
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.		
320	6 in.	1 $\frac{3}{4}$ lb.	5 in.	4 $\frac{1}{4}$ in.	No. 40	Ebony Black		11 6
	GENERATOR ONLY —							
32	Supplies gas for 4 $\frac{1}{2}$ hours.		Ebony Black finish		.. .. .		8 6	
37	Generator Bracket		.. .. .		.. .. .		2 6	

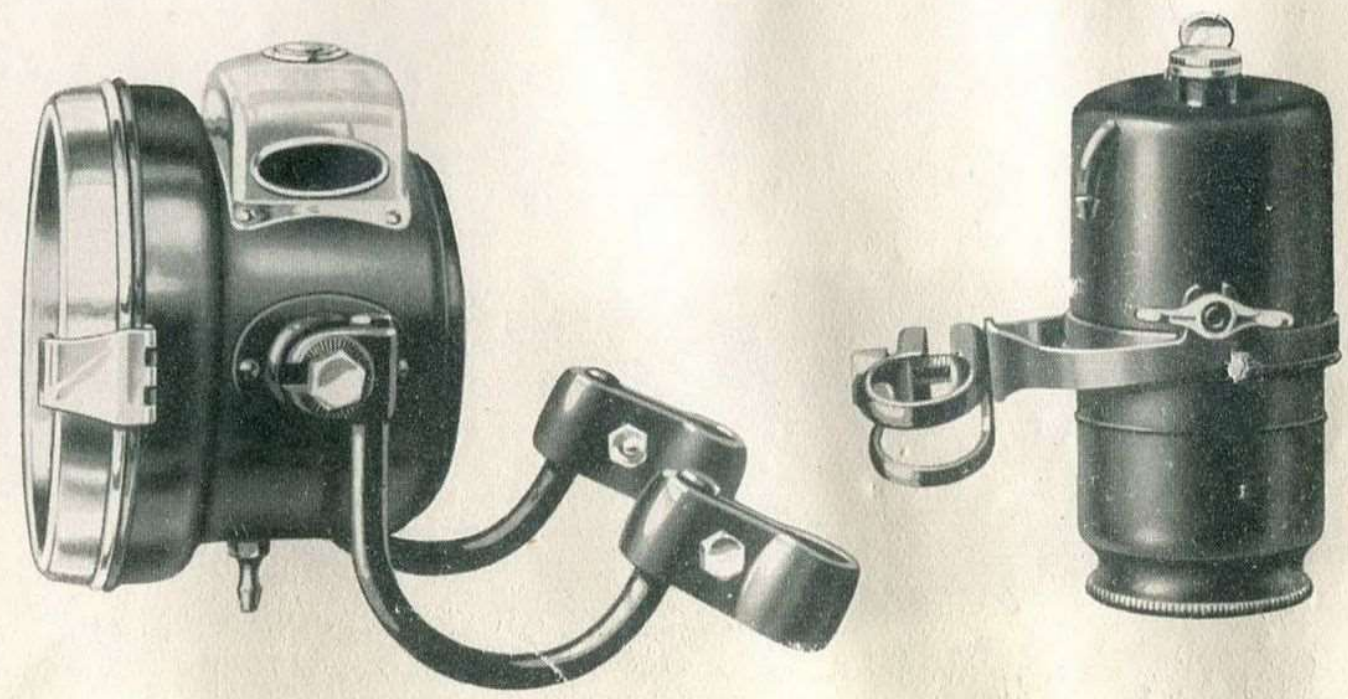
Ebony Black is the standard finish, but Nickel Plated can be supplied if ordered.

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"KING OF THE ROAD"
SET No. 320FS
FOR FRONT FORKS



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LUCAS "KING OF THE ROAD"

PROJECTOR SETS Nos. 320S AND 320

No. 320S Sports Model Projector Set (Acetylene) is fitted with a **Silvered Mirror Reflector** and **Reflector Extension**. It projects a powerful, penetrative light for a considerable distance, and gives the necessary width of beam near the rider.

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

The Generator No. 32, of the drip-feed type, is supplied with this Set, and is fitted with our special generator stirrup bracket No. 37. This adjustable bracket allows the Generator to be fitted to the handle-bars, down tubes, etc., where required.

No.							CASH PRICE
320S	COMPLETE SET —includes Projector, Projector Girder Brackets (No. 48) for handle-bar, Generator No. 32, with Tubing, and No. 37 Generator Bracket. Ebony Black finish						£1 2 6
	PROJECTOR ONLY —						
No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.	
320	6 in.	1 $\frac{3}{4}$ lb.	5 in.	4 $\frac{1}{4}$ in.	No. 40	Ebony Black	11 6
32	GENERATOR ONLY —Supplies gas for 4 $\frac{1}{2}$ hours. Ebony Black finish						8 6
37	GENERATOR BRACKET						2 6

No. 320 Projector Set has a double bracket which is designed for fixing on the handle-bar, enabling the Projector to be readily adjusted to throw the light on the road where required.

No.							CASH PRICE
320	COMPLETE SET. Ebony Black finish						£1 1 0

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

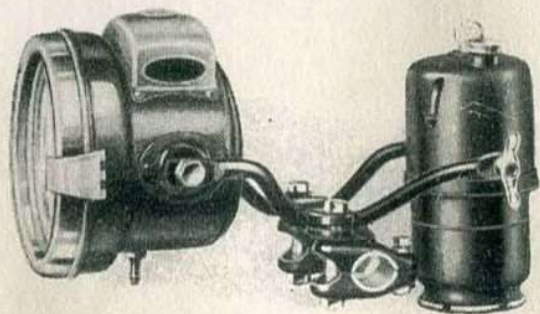
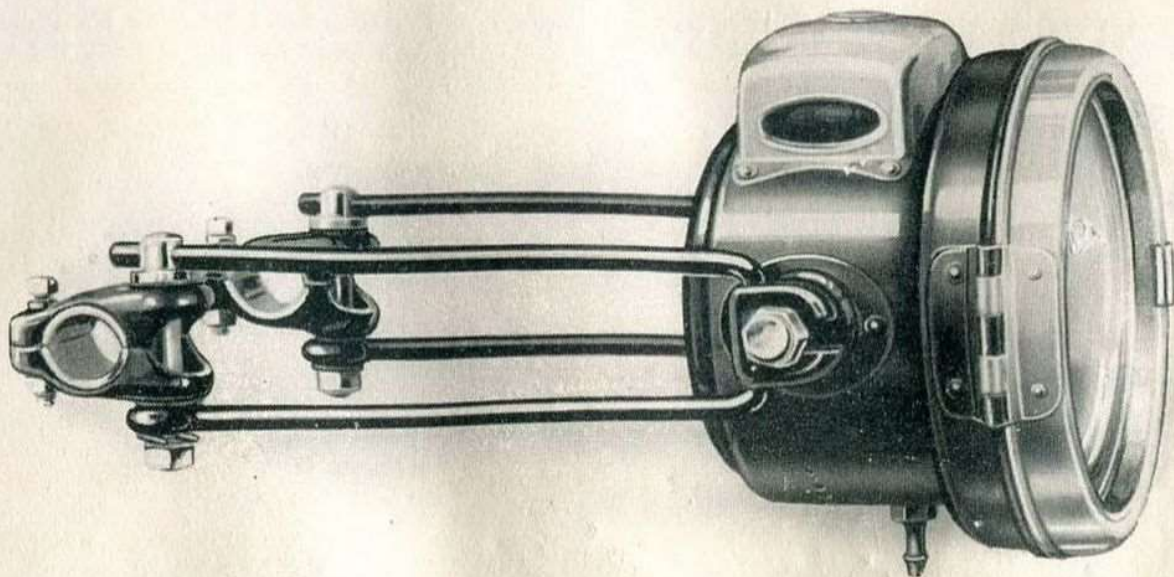
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KING OF THE ROAD

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



No. 320 SET
WITH DOUBLE BRACKETS

LUCAS COMPLETE SEMI-SPORTS EQUIPMENT FOR MOTOR-CYCLES

The **Complete Equipment Set "D,"** illustrated opposite, is listed as standard by many Motor-Cycle Manufacturers.

The **Complete Set** comprises Projector with Brackets, Generator with Bracket, Tail Lamp and Bulb Horn, and is listed at an inclusive price.

The **Projector** is fitted with a **Reflector Extension** and a **Silvered Mirror Reflector** optically designed to project a powerful penetrative light a considerable distance and to give the necessary width of beam near the rider. The Brackets are designed to fit into the lugs on the front forks, making a neat method of fixing the lamp.

The **Generator**, of the drip-feed type, has our quick-action carbide container attachment, and its bracket makes it adaptable for fitting in the most convenient position. The two-way feed on the Generator enables the tail lamp to be supplied with gas, as well as the head lamp.

The **Tail Lamp** and **Bulb Horn** are our standard models, and are listed in detail on pages 26 and 28 respectively.

THE COMPLETE SET comprises :—

Projector (with Brackets)	No. 420	Tail Lamp	No. 344.
Generator	No. 42.	Bulb Horn	No. 63.
Generator Bracket	No. 37.	Complete with necessary tubing, etc.	

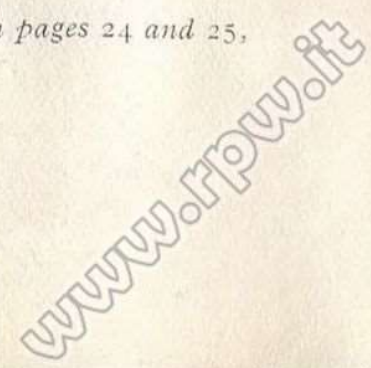
	CASH PRICE
Price of Set "D," as above, Ebony Black finish	£2 0 0

The **Complete Equipment Set "E"** is also standard on many Light-weight Motor-Cycles. The specification is similar to Set "D," described above, but with Projector No. 320 instead of Projector No. 420, and Generator No. 32 instead of Generator No. 42.

	CASH PRICE
Price of Set "E," Ebony Black finish	£1 12 6

If a Side-Car Lamp is required to be used in conjunction with above equipment, No. 350 Set, described and illustrated on pages 24 and 25, is recommended.

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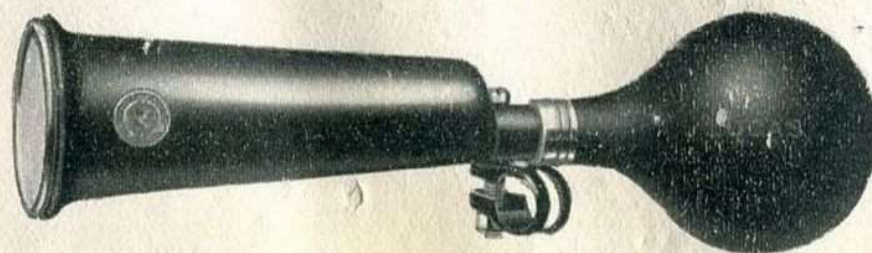
COMPLETE
SET "D"



GENERATOR No. 42
WITH No. 37 BRACKET



TAIL LAMP
No. 344



"KING OF THE ROAD"
HORN No. 63

LUCAS "KING OF THE ROAD" PROJECTORS

WITH SPECIAL BRACKETS.

Among the number of motor-cycle manufacturers who standardize Lucas Projector Sets on their motor-cycles, some have made provision on the front forks and lugs to hold special brackets. Types of brackets are detailed below, and each bracket can be used in conjunction with any of the range of our Projectors described and illustrated on pages 2-17.

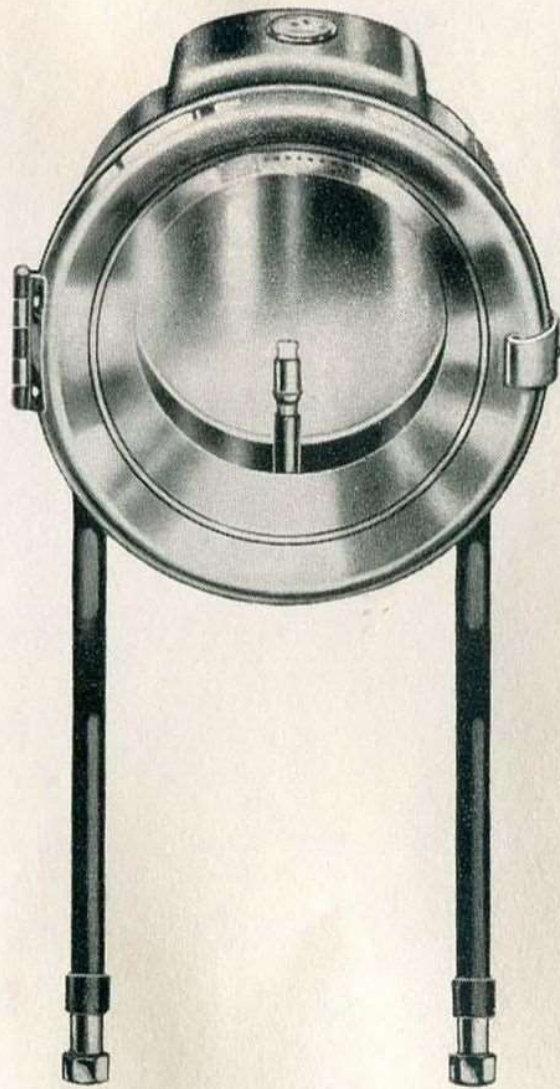
The brackets give as low a forward position as possible consistent with the illumination of the number plate. All these brackets are particularly strong and rigid, and designed to withstand vibration. Their ball socket mounting enables the Projectors to be fitted correctly without strain to lamps or brackets.

On makes of motor-cycles where no provision is made for special brackets, our standard sets can be fitted, see pages 2-17.

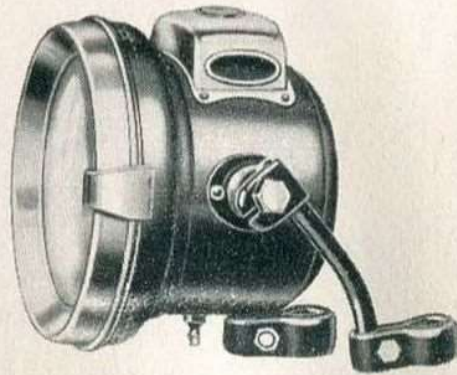
-
- Bracket No. 39FS.** Suitable for Triumph.
- Bracket No. 49.** Suitable for 1929 Ariel models (not illustrated).
- Bracket No. 68J.** Suitable for James, New Hudson and Raleigh (all models except the $2\frac{1}{4}$ h.p. model, which takes our ordinary Standard Front Fork Brackets No. 39).
- Bracket No. 68S.** Suitable for all B.S.A. models except the $2\frac{1}{4}$ h.p. model, which takes our No. F39 Standard Front Fork Brackets.
- Bracket No. 68S.** Suitable for all Sunbeam models.
- Bracket No. 68N.** Suitable for certain Norton models. No. 39 Bracket fits other models.
- Bracket No. 85.** Suitable for Ariel models (1928).

Projector Sets with Special Brackets are supplied at the same prices as our Sports Models.

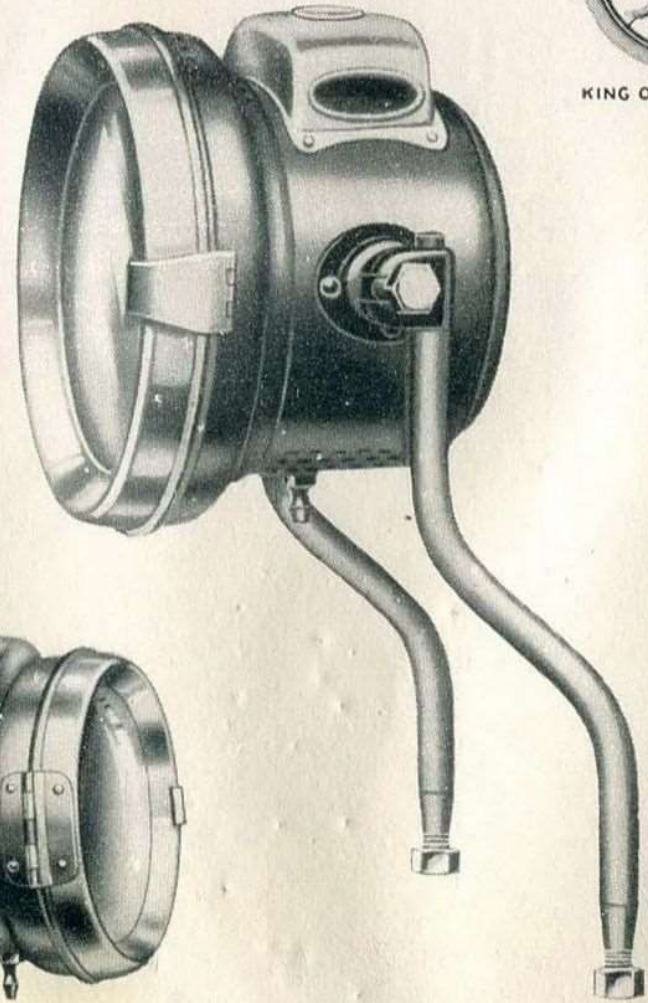
☞ When ordering, please state No. of Set, Type No. of Brackets, and make and year of Machine



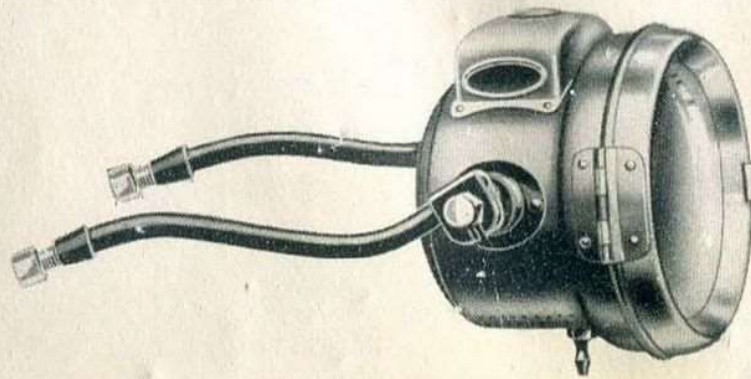
BRACKET No. 68J



BRACKET No. 39FS



BRACKET No. 68S



BRACKET No. 85

LUCAS

SIDE-CAR LAMP WITH REAR-LIGHT

No. 354

This is a popular Acetylene Lighting Set for use on Side-Cars, the Lamp being designed to throw a white light forward, and a red light to the rear by means of our **special** side reflector.

The Lamp has a back socket for a flat-tongue bracket, is fitted with a coin-slotted screw, and the Generator has a socket which fits the Lucas No. 53 Bracket, to suit $1\frac{1}{8}$ in. or $1\frac{1}{4}$ in. tubes.

A flat-tongue lamp bracket (No. 75) for fitting to the Side-Car can be supplied when required, but it is not included in the Standard Set.

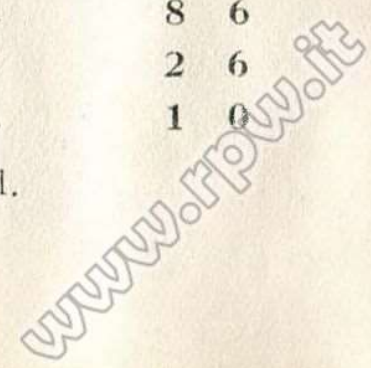
No.		CASH PRICE
354	STANDARD SET —includes Lamp, Generator, Tubing and Generator Bracket No. 53, to suit $1\frac{1}{8}$ in. or $1\frac{1}{4}$ in. tubes. Ebony Black finish	£1 2 6

LAMP ONLY—

No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.			
354	$4\frac{1}{4}$ in.	14 oz.	$4\frac{1}{4}$ in.	$3\frac{1}{4}$ in.	No. 53	Ebony Black	..	..	12 0
54	GENERATOR —Supplies gas for 3 hours. Ebony Black finish					..	..	..	8 6
53	GENERATOR BRACKET , Ebony Black finish					..	..	..	2 6
75	LAMP BRACKET , Ebony Black finish, for No. 354 Lamp					..	..	..	1 0

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

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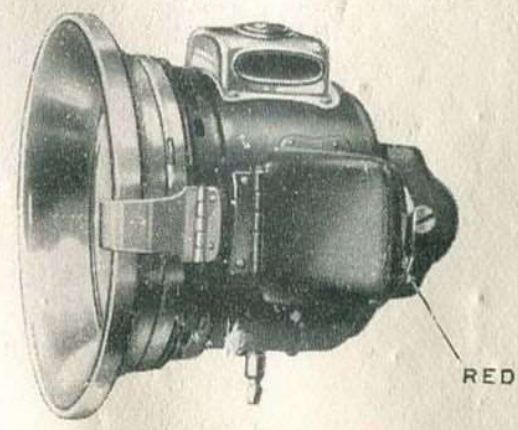
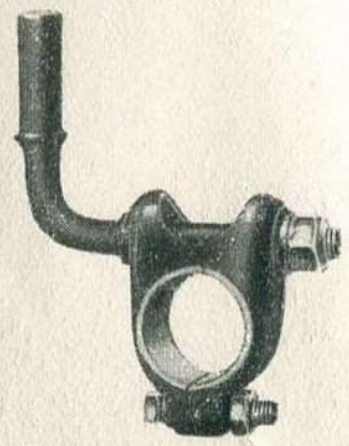




LAMP BRACKET
No. 75



LUCAS
SIDE-CAR
LAMP SET
No. 354



LUCAS

SIDE-CAR LAMP WITH REAR-LIGHT

No. 350

No. 350 Side-Car Lamp is fitted with an Aluminum Reflector. It throws a white light forward, and shows a red light to the rear through the back of the Lamp and Bracket.

The Lamp and Bracket are combined and can be affixed to the Side-Car bodywork by means of a plate bolted up from the inside.

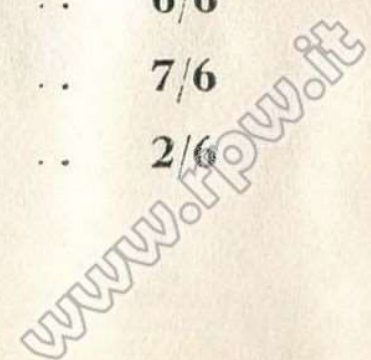
The Generator is of the drip-feed type and will supply sufficient gas for the No. 350 Lamp to burn 3 hours. It has a socket to take the No. 53 Generator Bracket, which fits $1\frac{1}{8}$ in. or $1\frac{1}{4}$ in. tubes.

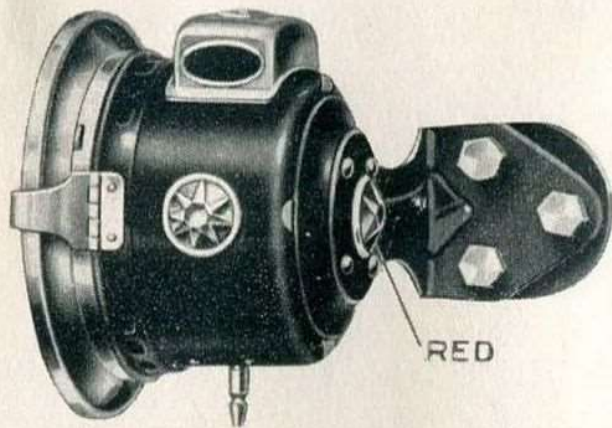
No.	CASH PRICE
350 STANDARD SET —includes Lamp, Generator, Tubing and Generator Bracket No. 53, to suit $1\frac{1}{8}$ in. or $1\frac{1}{4}$ in. tubes. Ebony Black finish	16/6

LAMP ONLY—

No.	Height.	Weight.	Front.	Glass.	Burner.	Finish.	
350	$4\frac{1}{4}$ in.	12 oz.	$4\frac{1}{8}$ in.	$3\frac{1}{4}$ in.	No. 11	Ebony Black	6/6
44	GENERATOR ONLY —Supplies gas for 3 hours.					Ebony Black finish.. .. .	7/6
53	GENERATOR BRACKET , Ebony Black finish						2/6

POSTAGE EXTRA.





LUCAS
SIDE-CAR LAMP
WITH REAR-LIGHT
No. 350



No. 53 BRACKET



KING OF THE ROAD

LUCAS

TAIL LAMP No. 344 SET

(ACETYLENE)

This Tail Lamp is designed to fix on the number plate, which it illuminates by a white side light, and it shows, of course, a red light to the rear.

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

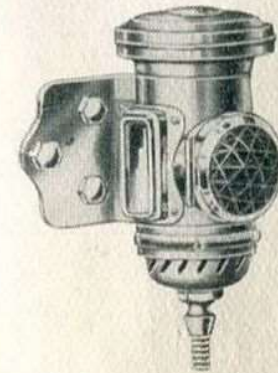
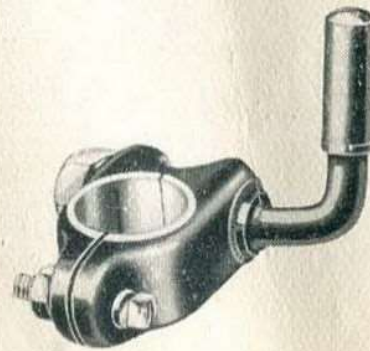
The Generator is conveniently fixed to the down tube under the saddle, and will supply gas for the small single-jet burner for about five hours.

The rubber tubing from the Generator to the Lamp can be neatly run along the luggage carrier, as shown in the illustration opposite, and is entirely out of the way.

No.		CASH PRICE
344	COMPLETE SET —consists of Lamp and Generator with Bracket and Tubing	13/- set
344	LAMP ONLY. Height, 2 $\frac{1}{4}$ in. Diameter, 1 $\frac{1}{8}$ in. Burner No. 306. Plated finish	3/6 each
44	GENERATOR ONLY. Supplies gas for 5 hours. Ebony Black finish	7/6 „
53	GENERATOR BRACKET, Ebony Black finish	2/6 „

POSTAGE EXTRA.

TAIL LAMP
SET NO. 344



LUCAS

"KING OF THE ROAD" MOTOR-CYCLORNS

Nos. 60, 60P, 63 & 40

Lucas Motor-Cycle Horns have a very pleasing note, of great penetration, which is unequalled for effectiveness and carrying power.

Horn No. 60 is fitted with the Lucas **special canvas-reinforced rubber bulb**, which is more durable than the ordinary type, splitting at the seams being now quite unknown.

No. 60 has the "turns" of the tube enclosed in the body of the Horn so that a compact and neat appearance is obtained, and at the same time cleaning is greatly facilitated.

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 new model Sports Horn 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.

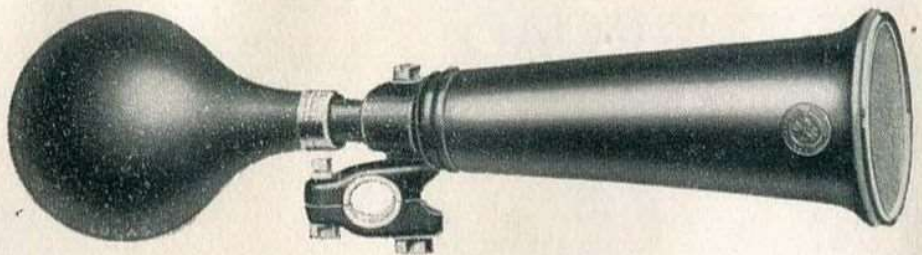
No.		CASH PRICE EACH
60	Ebony Black finish	13/6
60P	Ebony Black finish	11/6
63	Smaller, Ebony Black finish	8/6
40	Sports Model, Ebony Black finish	6/6

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

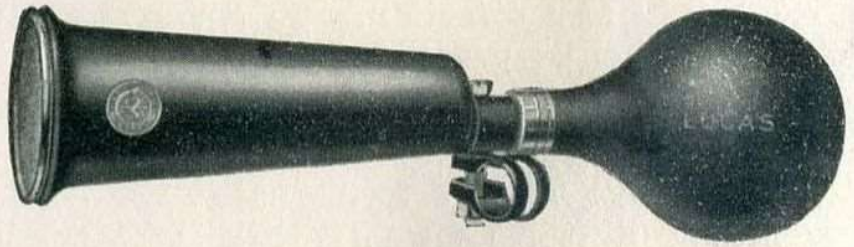
For particulars of the LUCAS MOTOR-CYCLE ELECTRIC HORNS see pages 54 and 55 of Electrical Section.

POSTAGE EXTRA.

www.rpw.it



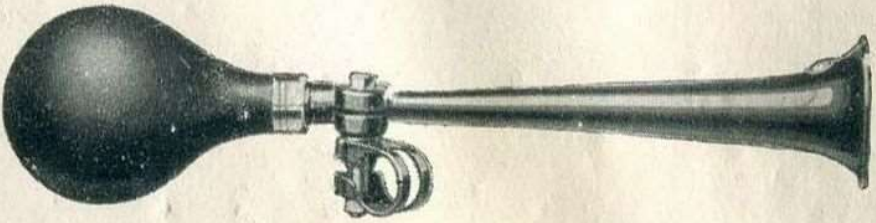
No. 60



No. 63



No. 60P



No. 40 SPORTS HORN

LUCAS "KING OF THE ROAD"

"SAFETY" OBSERVATION MIRRORS

Nos. 16 AND 11

Suitable for $\frac{7}{8}$ in. or 1 in. handle-bars.

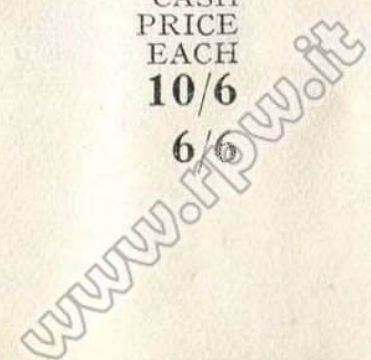
No. 16 Mirror gives a wide field of vision, is adjustable in any direction, and is fitted with an ingenious locking device. When once correctly adjusted for rear observation, it may be turned over, out of the way (as illustration), and can be instantly returned to the original position without further adjustment.

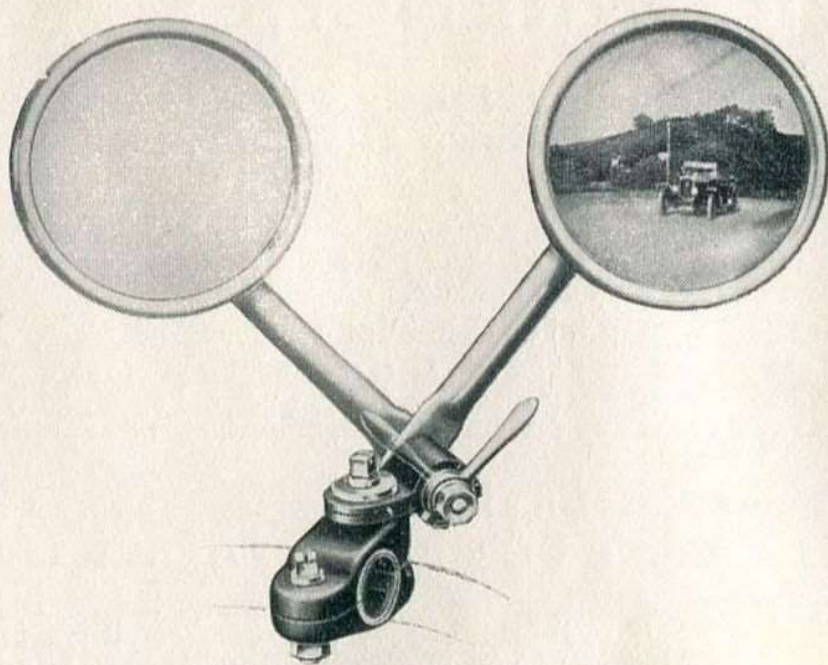
To alter position of Mirror, slacken locking lever and pull Mirror forward to disengage stud. It can then be moved to the desired position, into which it falls automatically. Lock in position with the lever as shown.

No. 11 is a cheaper pattern Observation Mirror, being of more simple construction than the No. 16. This Mirror also gives a wide field of vision and is adjustable in any direction. It can be turned inwards when negotiating narrow passages.

No.	Diameter.	Length of Arm.	Finish.				CASH PRICE EACH
16	3½ in.	5¾ in.	Ebony Black (Plated parts)	..	..	..	10/6
11	..	..	.. .. ..	..	..	..	6/6

POSTAGE EXTRA.





NO. 16 "SAFETY" MIRROR
(WITH LOCKING DEVICE)



NO. 11
'SAFETY'
MIRROR

LUCAS "GIRDER" WRENCHES

Made in three sizes : $3\frac{1}{4}$ in., $4\frac{1}{2}$ in., $7\frac{1}{4}$ in.

Each size supplied with or without patented Pipe-grip Attachment.

STRONG, LIGHT, DURABLE.

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 any 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.) 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.

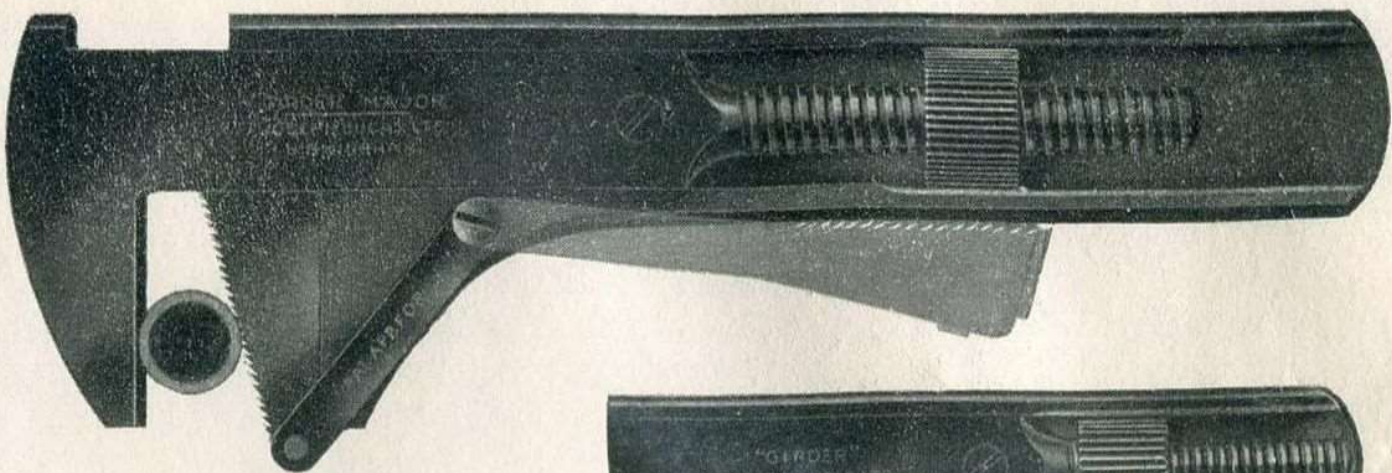
For strength, accuracy and ease of manipulation, the "Girder" Wrenches are unsurpassed, and should be found in every garage, repair shop and tool kit.

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

POSTAGE EXTRA.

www.rpw.it



LUCAS
"GIRDER"
WRENCHES

LUCAS "FORCED-FEED" OILER

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 it forces the oil, under pressure, wherever it is required, even in the most awkward places.

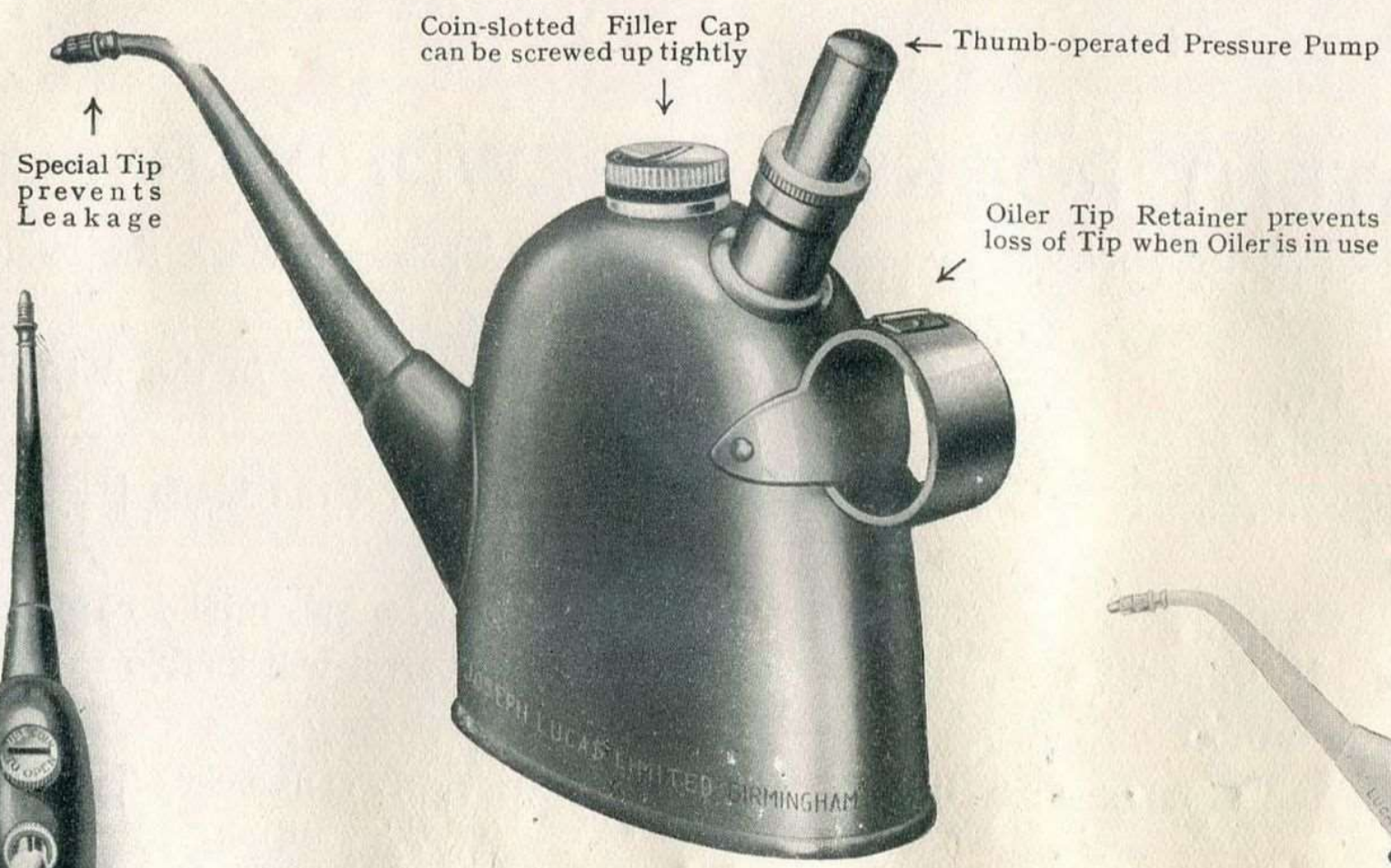
No. 40 is an exceptionally neat pattern designed for use on heavy machines, cycle-cars, etc. It is nice to handle, of ample capacity, and as the Oiler is oval in shape it does not take up much space in the tool kit. It has a flat base, so will stand when not in use. A special retainer to hold the oiler tip is now fitted which prevents the latter becoming mislaid when the Oiler is being used.

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

A **Spring Clip** is provided to carry the No. 40 Oiler, which can be conveniently secured to the wood-work inside the side-car, or it may be screwed to the inside of the tool-box. 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.	Finish.	CASH PRICE EACH
4	Clip for No. 40 Oiler Black	1/-

POSTAGE EXTRA.



Coin-slotted Filler Cap
can be screwed up tightly

← Thumb-operated Pressure Pump

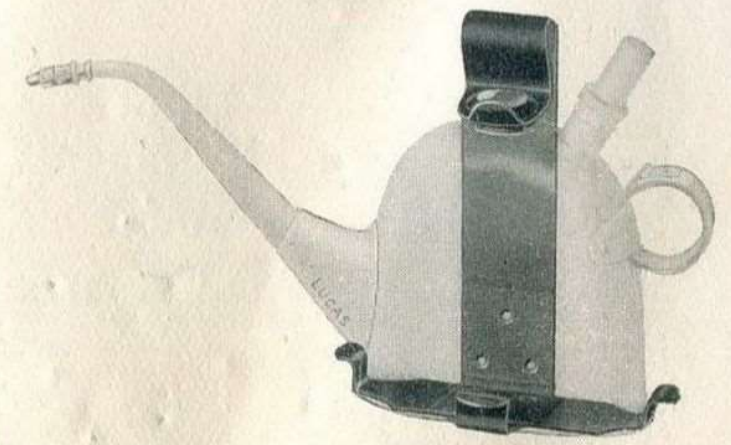
↑
Special Tip
prevents
Leakage

Oiler Tip Retainer prevents
loss of Tip when Oiler is in use

"FORCED-FEED" OILER
No. 40



NO. 40
Plan View
showing
Flat Shape



NO. 4 CLIP FOR
NO. 40 OILER

LUCAS

PATENT POCKET SCREWDRIVER

This Pocket Screwdriver is of the "propeller" type, and when not in use the blade is concealed in the barrel.

The toughened steel blade is hollow ground, so that it engages firmly in the slot of the screw and does not slip.

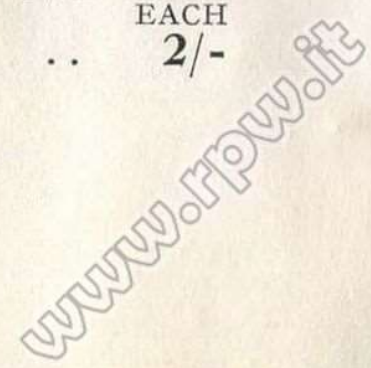
It has a quick-thread screw, and with a few turns of the barrel the blade is exposed for use.

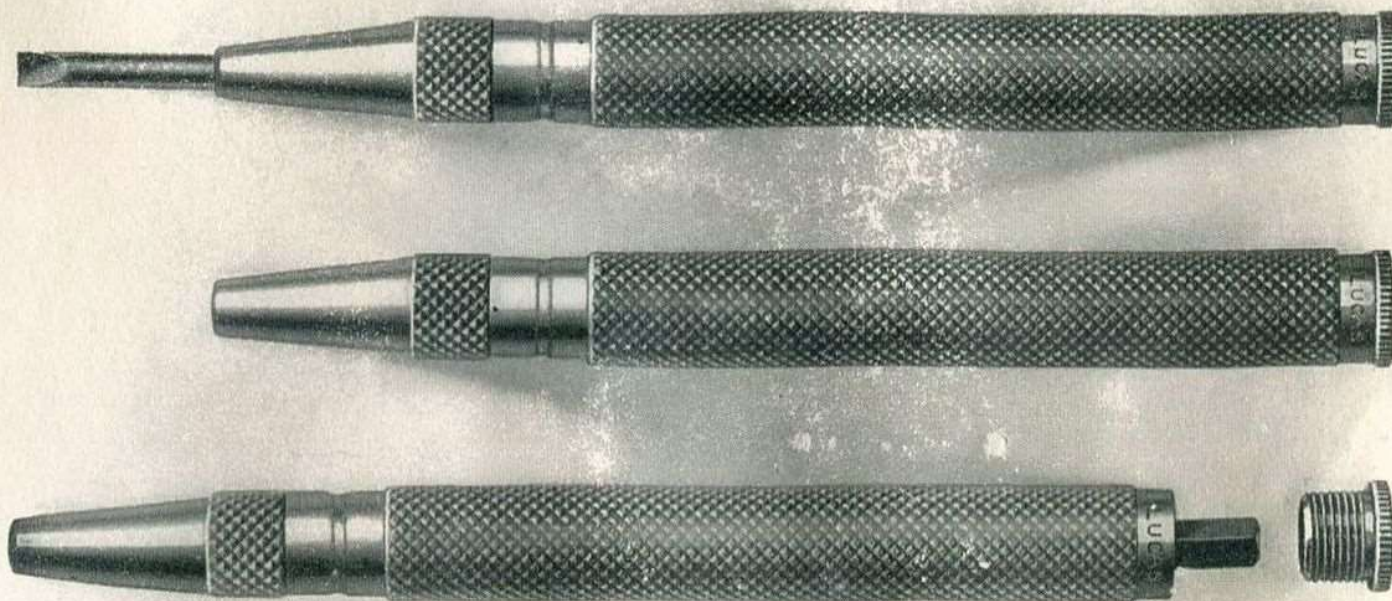
The replacement of a blade is a very simple matter. Unscrew the milled cap at the head of the Screwdriver, and a few anti-clockwise turns of the barrel will enable the blade to be readily withdrawn.

This neat little tool is suitable for all light work, and is particularly convenient for carrying in the waistcoat pocket.

No.	Length (closed).	Finish.	CASH PRICE EACH
1	$4\frac{3}{16}$ in.	Plated	2/-
		Spare Blades for this Screwdriver ..	9d. each.

POSTAGE EXTRA.





PATENT POCKET SCREWDRIVER

LUCAS ROUND PATTERN OILER No. 20

This Oiler is made of brass, and has a bent spout which facilitates oiling, even in awkward places.

The "poppet" is designed to give quick recovery, and the filler-cap is coin-slotted for screwing up tightly. The oiler tip is fitted with a leather plug, which prevents leakage.

No.	Capacity.	Diameter.	Length.	Finish.	CASH PRICE EACH				
20	$\frac{1}{8}$ pint	$3\frac{1}{4}$ in.	$8\frac{1}{2}$ in.	Nickel Plated	2/9

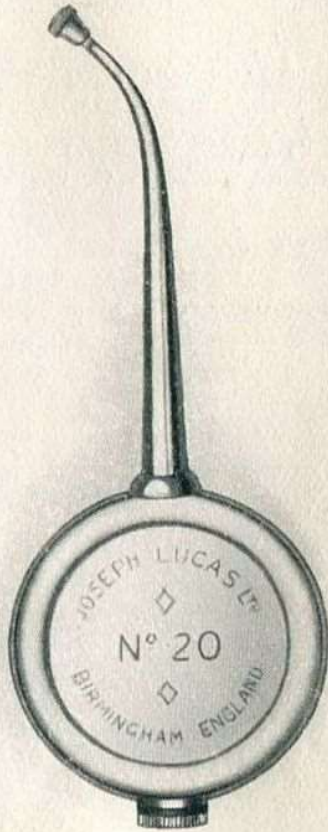
LUCAS PETROL SQUIRTS Nos. 2 AND 3

These Squirts are fitted with special end to spout, with fine bore and petrol-tight screw tip.

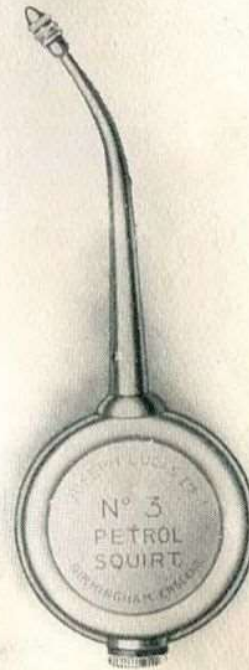
No.	Length.	Diameter.	Finish.	CASH PRICE EACH					
2	5 in.	—	Nickel-Plated	..	..	..	..	..	1/3
3	7 in.	$2\frac{5}{8}$ in.	Nickel-Plated	2/-

All Oilers and Petrol Squirts are thoroughly tested, and will not leak.

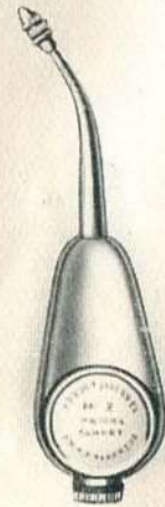
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No. 20 OILER



PETROL SQUIRTS



LUCAS SERVICE DEPÔTS

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

BELFAST	- - - - -	3/5, CALVIN STREET, MOUNTPOTTINGER
Telegrams: "SERVDEP, BELFAST"	- - - - -	Telephone: BELFAST 7017
BIRMINGHAM	- - - - -	GREAT HAMPTON STREET
Telegrams: "LUCAS, BIRMINGHAM"	- - - - -	Telephone: CENTRAL 8401 (10 lines)
BRISTOL	- - - - -	345, BATH ROAD
Telegrams: "KINGLY, BRISTOL"	- - - - -	Telephone: BRISTOL 8400 (4 lines)
CARDIFF	- - - - -	PENARTH ROAD
Telegrams: "LUCAS, CARDIFF"	- - - - -	Telephone: CARDIFF 4603 (4 lines)
COVENTRY	- - - - -	PRIORY STREET
Telegrams: "LUCAS, COVENTRY"	- - - - -	Telephone: COVENTRY 3068 & 3841
DUBLIN	- - - - -	41, MIDDLE ABBEY STREET
Telegrams: "AUTOLITE, DUBLIN"	- - - - -	Telephone: DUBLIN 653
GLASGOW	- - - - -	227/229, ST. GEORGE'S ROAD
Telegrams: "LUCAS, GLASGOW"	- - - - -	Telephone: DOUGLAS 3075 (3 lines)
LEEDS	- - - - -	64, ROSEVILLE ROAD
Telegrams: "LUSERDEP, LEEDS"	- - - - -	Telephone: LEEDS 28591 (5 lines)
LONDON	- - - - -	DORDRECHT ROAD, ACTON VALE, W.3
Telegrams: "DYNOMAGNA, ACT, LONDON"	- - - - -	Telephone: CHISWICK 3801 (18 lines)
LONDON	- - - - -	759, HIGH ROAD, LEYTON, E.10
Telegrams: "LUSERDEP, WALT, LONDON"	- - - - -	Telephone: WALTHAMSTOW 2161 (3 lines)
LONDON	- - - - -	155, MERTON ROAD, WANDSWORTH, S.W.18
Telegrams: "LUSERV, WANDS, LONDON"	- - - - -	Telephone: PUTNEY 5131 (4 lines) & 5501
MANCHESTER	- - - - -	TALBOT ROAD, STRETFORD
Telegrams: "LUCAS, STRETFORD"	- - - - -	Telephone: TRAFFORD PARK 1410 (3 lines)
NEWCASTLE-ON-TYNE	- - - - -	64-66, ST. MARY'S PLACE
Telegrams: "MOTOLITE, NEWCASTLE-ON-TYNE"	- - - - -	Telephone: CENTRAL 3571 (3 lines)

In addition there are Battery Service Agents in most centres.

LUCAS

ELECTRICAL EQUIPMENT

FOR MOTOR-CYCLES

1929

The words "LUCAS," "KING OF THE ROAD,"
"CYCLEALITIES," "MOTOR-CYCLEALITIES,"
"MOTORALITIES" and "MAGDYNO" are Registered
Trade Marks for Goods of Lucas manufacture

DESIGNED AND MANUFACTURED BY

JOSEPH LUCAS LIMITED

HEAD OFFICES AND WORKS:

GREAT KING STREET, BIRMINGHAM

TELEGRAMS AND CABLES: "LUCAS, BIRMINGHAM."

TELEPHONE: NORTHERN 2201 (10 LINES)

CODES USED: A B C (5TH AND 6TH EDITIONS) AND BENTLEYS

All Previous Catalogs Cancelled.

November, 1928.

www.rpvo.it

LUCAS "MAGDYNO" (REG.) (LIGHTING & IGNITION)

The Lucas "Magdyno" (Combined Lighting and Ignition) Set enables the Motor-Cyclist to have the advantages 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 catalog 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. A few of the improvements incorporated in 1929 Models are: new cut-out of robust design, 45% stronger gear drive, no intermediate gears, and moulded terminals which are waterproof. The cover is of improved shape and can be removed without disconnecting the cables. The magneto section carries the Lucas Magneto guarantee, and has special features developed by racing performance. 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, both units being neatly housed within an aluminium body. 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," enabling it to be fitted without the provision of an extra drive. The weight of the machine is 13 lb. only, and therefore is very little heavier than the standard magneto. To owners of motor-cycles already in use we are willing to make a generous 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 Catalog detailed below.

Length, $7\frac{7}{8}$ in.

Width, $4\frac{1}{2}$ in.

Height, $6\frac{3}{16}$ in.

Weight, 13 lb.

"MAGDYNO" SOLO SET comprises:—

- "Magdyno" (for Single-Cylinder Engines).
- Projector No. SS49 (with Switch and Illuminated Ammeter), described and illustrated on pages 48 and 49.
- Tail Lamp No. MT110, described and illustrated on pages 50 and 51.
- Battery No. LUW7E (Lucas "Milam"), described and illustrated on pages 58 and 59.
- Set of Cables, etc.

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

"MAGDYNO" COMBINATION SET comprises:—

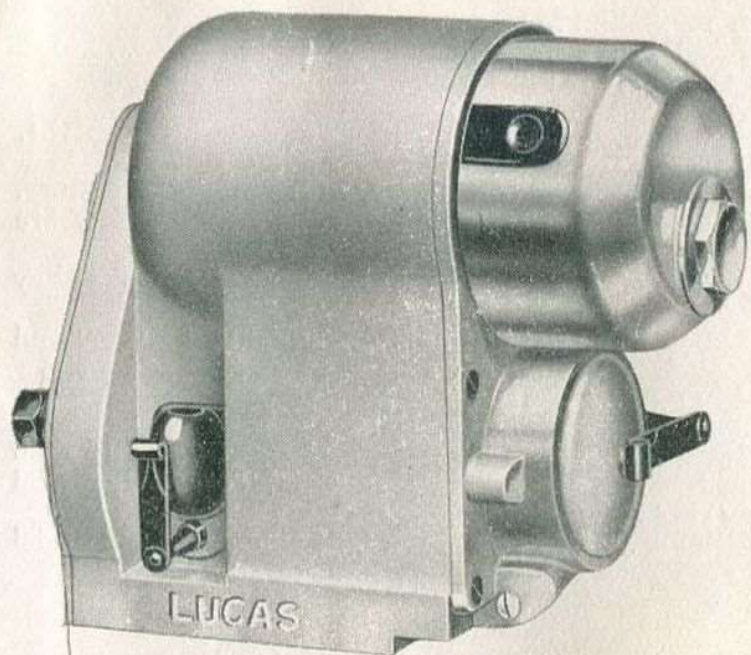
- As above, but with
- Side-Car Lamp No. R330S, described and illustrated on pages 50 and 51.

Price of Side-Car Set complete, in Ebony Black finish £11 7 6

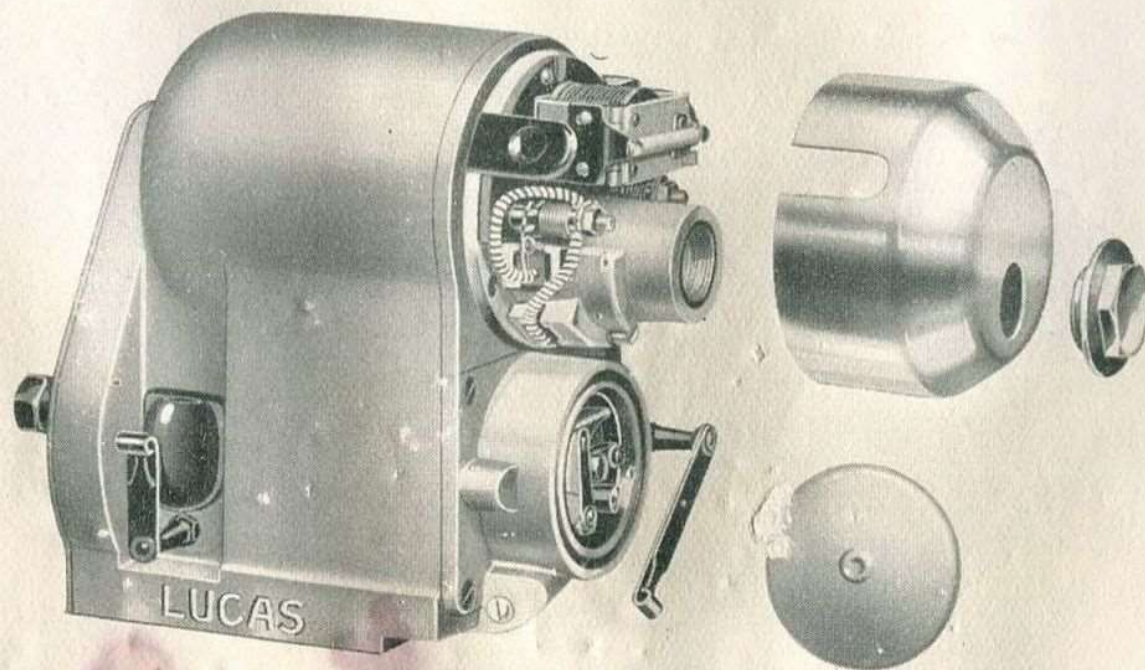
- Extra for Two-Cylinder "Magdyno" 7 6
- Extra for "Lucas-Nife" Steel-Plate Battery (see pages 60-61) £1 0 0

Generous allowance for used magnetos according to age. Write for full particulars.





LUCAS "MAGDYNO" (REG.)



VIEW OF "MAGDYNO" WITH COMMUTATOR AND CONTACT BREAKER END COVERS REMOVED

LUCAS DYNAMO LIGHTING SETS.

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

Two sizes of dynamos are manufactured—**E3** for a 6-volt set, and a smaller one, **E25**, for a 4-volt set, which is particularly suitable for light-weight models.

Both these dynamos begin to charge at low road speed, rapidly increasing to their maximum output.

The regulation of the dynamo is effected by means of the well-known third brush method.

The dynamos are 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.

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

The closest observation is exercised over all phases of performance, materials and designs are analyzed, details and results are tabulated, new ideas are evolved.

Only by this unremitting effort in research, combined with equal efficiency and accuracy in production, do Lucas uphold their policy of constant improvement.

To-day, Lucas products enjoy a world-wide reputation for quality and dependability, being held in high esteem alike by users and manufacturers.

The **Projector** supplied with these Sets is the same large model SS49 as included in our "Magdyno" Sets.

For full details of this Headlamp see pages 48-49.

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 and Side-Car Lamps will be found on page 50-51.

E3 6-VOLT DYNAMO SOLO SET comprises:—

E3 Dynamo 6-Volt. Maximum output, 4 to 5 amps. at 4,000 r.p.m. Overall Length, 6¼ in. Diameter, 3 in. Weight, 5 lb. 1 oz.

Projector No. SS49 (with Switch and Illuminated Ammeter). See pages 48-49.

Tail Lamp No. MT110. See pages 50-51.

Battery No. LUW7E (Lucas "Milam"). See pages 58-59.

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

E3 DYNAMO COMBINATION SET comprises as above, but with **Side-Car Lamp R330S.** See pages 50-51.

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

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

E25 4-VOLT DYNAMO SOLO SET comprises:—

E25 Dynamo 4 Volt. Maximum output, 3½ to 4 amps. at 4,000 r.p.m. Overall Length, 5½ in. Diameter, 2½ in. Weight, 3 lb. 1 oz.

Projector No. SS49 (with Switch and Illuminated Ammeter).

Tail Lamp No. MT110.

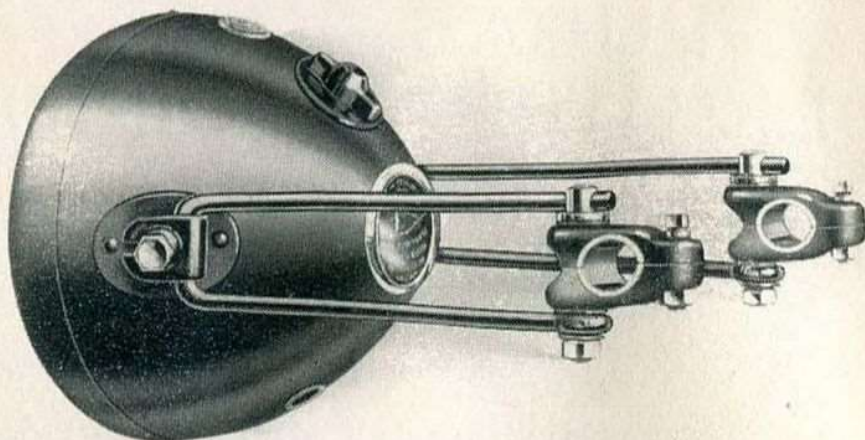
Battery No. LOW5G (Lucas "Milam").

Set of Cables, etc., etc.

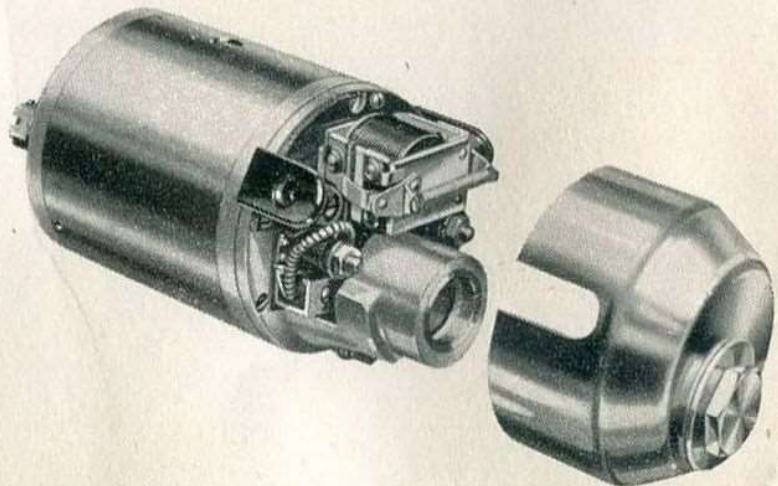
Price of Set complete, in Ebony Black finish **£4 10 0**

CARRIAGE FORWARD

www.epw.it



NO. SS49 PROJECTOR



DYNAMO TYPE E3
WITH END COVER REMOVED

LUCAS DYNAMO LIGHTING SETS

FOR ILLUSTRATIONS OF
TAIL LAMP AND SIDE-CAR
LAMP, SEE PAGE 51



LUCAS
"MILAM" BATTERY

www.how.it

LUCAS BATTERY LIGHTING EQUIPMENT

For Motor-Cycles on which it is impossible to fit one of our "Magdyno" Sets, or where it is undesirable to do so on account of cost, a Battery Lighting Set can be supplied. There is no difficulty whatever in fitting this equipment to any ordinary Motor-Cycle. When a Battery Set is used, ready access to charging facilities is, of course, a necessity.

The Set for Solo Machine comprises :—

Battery No. LUW7E, described on page 58.
 Head Lamp No. SS30M (with Switch and Girder Brackets).
 Tail Lamp No. MT110, described on page 50.
 Set of Cables.

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

The Set for Combination Machine comprises :—

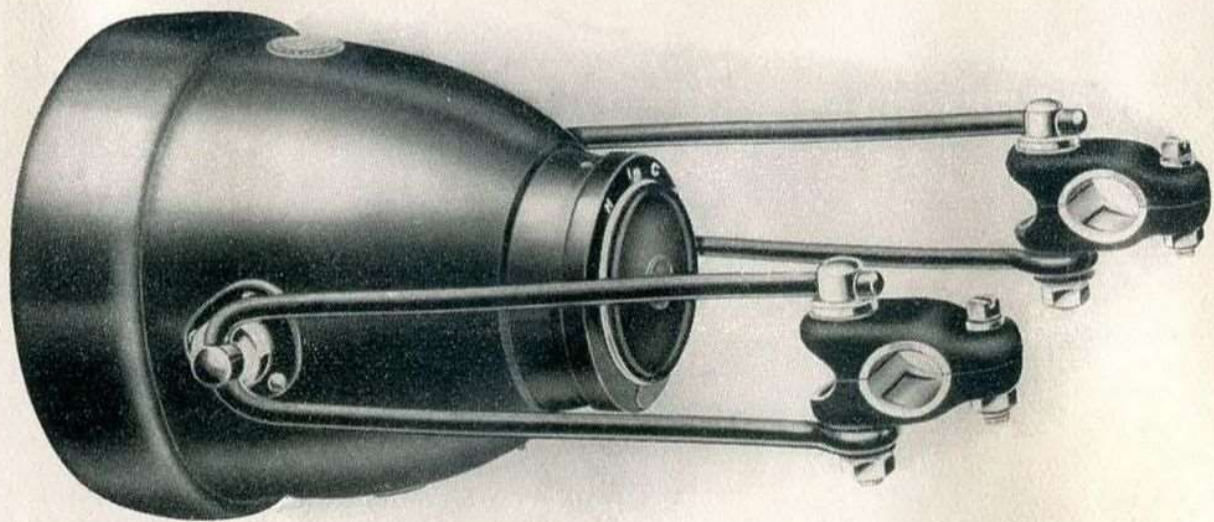
As above, but with :—

Battery No. LK7E, of larger capacity, described on page 58.
 Side-Car Lamp No. R330S, described on page 50.

Price of Side-Car Set complete, in Ebony Black finish £3 17 6

CARRIAGE FORWARD.

www.rpw.it



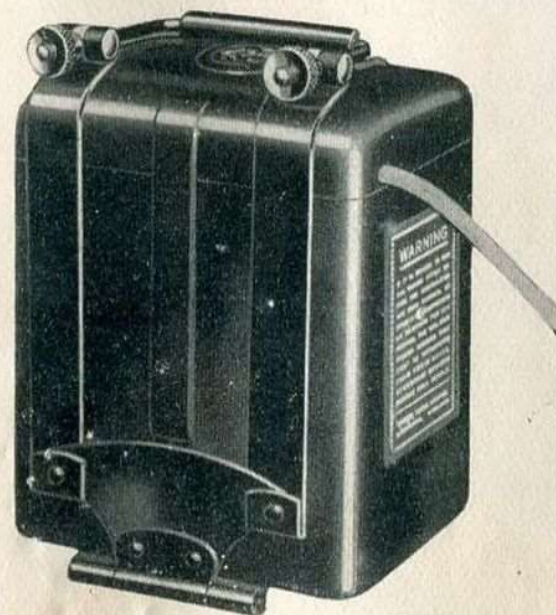
HEAD LAMP No. SS30M
(WITH SWITCH AND GIRDER BRACKETS)



SIDE-CAR LAMP
No. R330S



TAIL LAMP
No. MT110



BATTERY No. LUW7E
WITH SOLO FITTINGS

LUCAS "KING OF THE ROAD" MOTOR-CYCLE ELECTRIC PROJECTOR

No. SS49 Motor-Cycle Projector is an improved large model for 1929. It is bold and pleasing in outline, and is used in "MD" "Magdyno" Sets.

It has a 6 in. diameter reflector, is fitted with the Lucas "Difusa" glass, eliminating all streaks of light, and has a high-power gas-filled bulb which gives a powerful, even light which floods the road over its whole width for a long distance ahead.

It can be mounted in a low position, as the controlling switch is fitted in the top of the lamp and can be easily operated even when riding at speed. Another feature of the lamp is that an ammeter is incorporated in the back of the lamp so that it is readily visible to the rider. At night, when the lamp is switched on, the ammeter is illuminated by indirect lighting. This is arranged by means of a small aperture in the reflector, from which light is reflected across the dial through slots in the ammeter case. A special mask is placed across the ammeter dial to prevent any glare that would tend to distract the rider's attention from the road.

The head lamp is fitted with two bulbs: a high-power gas-filled one for normal driving, and a small pilot bulb for use when the machine is standing or when driving in town.

The front rim and reflector are easily detached for the purpose of bulb replacement, wiring, etc.

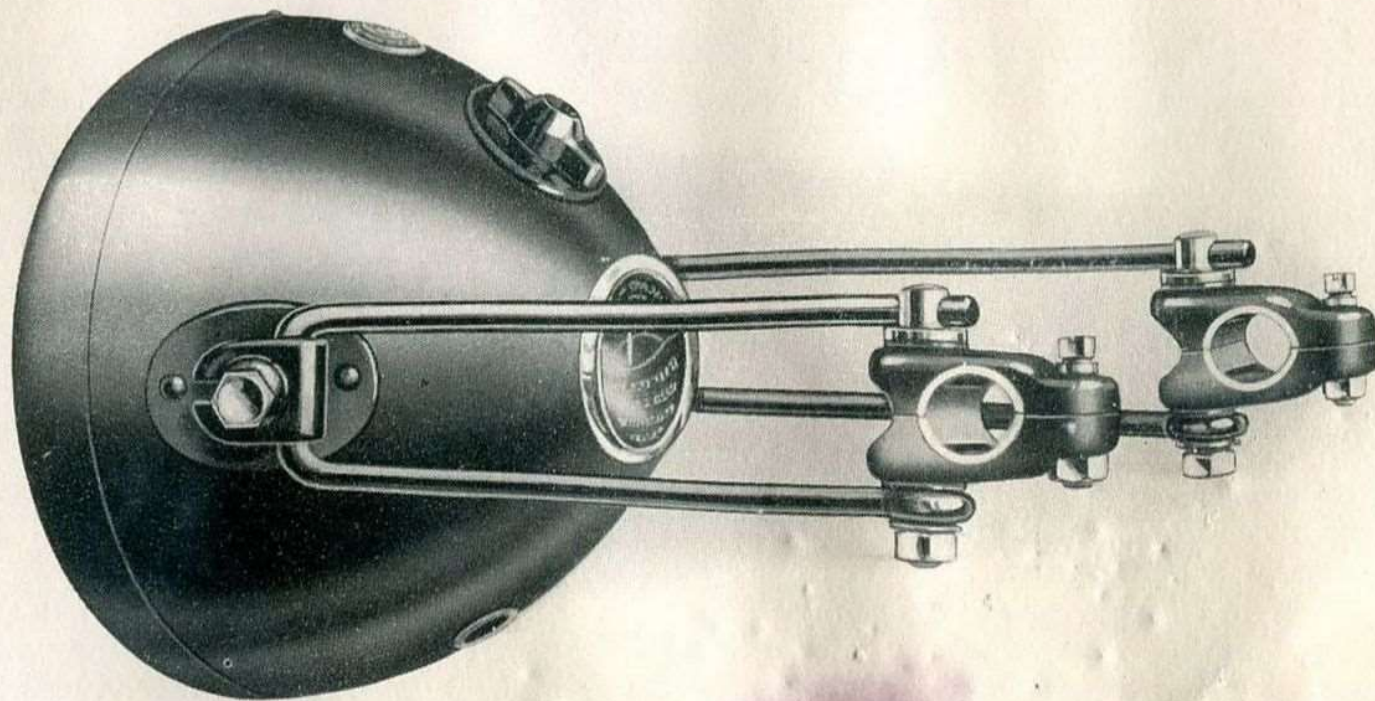
The girder brackets are strong and rigid, and the new ball socket mounting allows the lamps and brackets to be correctly set without strain to either.

Front, 7 in. Aperture, 6 in. Weight, 2 $\frac{3}{4}$ lb.

Code Word	No.	Finish	Description	CASH PRICE EACH
EDEIN	SS49	Ebony Black, with Switch,	Illuminated Ammeter and Girder Brackets	£2 17 6

(E EXTRA.





No. SS49
WITH SWITCH, ILLUMINATED AMMETER
AND GIRDER BRACKETS

LUCAS "KING ^{OF} THE ROAD" ELECTRIC LAMPS FOR MOTOR-CYCLES

SIDE-CAR LAMPS Nos. R440S and R330S.

No. **R440S** is fitted with a **Silvered Reflector**, and has our **patented universally adjustable mounting** which enables the beam to be set to the best advantage on the road. It is of the concealed cable type, and the front of the lamp is attached by a bayonet fixing and is removed by pressing and turning to the left (looking at the front of the lamp). To assist in focussing a new bulb, notches, allowing for three alternative positions, are provided in the bulb holder.

No. **R330S** is a similar Side-Car Lamp to R440S, but smaller.

No.	Front.	Aperture.	Weight.	Finish.				CASH PRICE EACH
R440S	4 $\frac{1}{2}$ in.	3 $\frac{5}{8}$ in.	1 lb.	Ebony Black	..	..	..	19/-
R330S	3 $\frac{3}{4}$ in.	2 $\frac{7}{8}$ in.	10 oz.	Ebony Black	..	..	..	12/6

TAIL LAMP No. MT110.

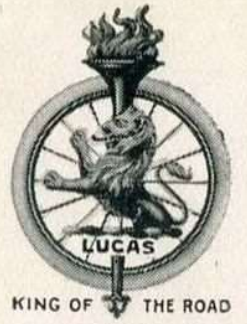
A lamp which embodies many new features. The bulb holder is mounted on a rubber diaphragm (see illustration) which absorbs vibration, thereby lengthening the life of the bulb filament. A hole is cut into the rear number plate to take the front of the lamp, which is secured by three rivets or screws through the rear portion of the lamp is engaged by a bayonet joint which is locked by a half turn to the right. The lamp is now fitted with a metal reflector which gives a much improved white light.

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

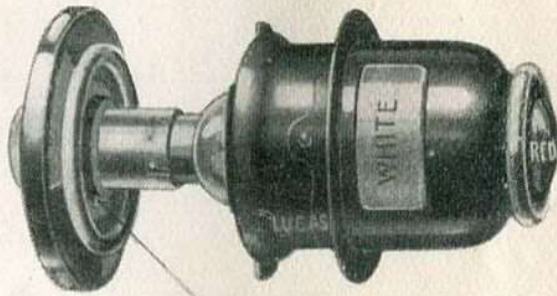
No.	Front.	Aperture.	Weight.	Finish.				CASH PRICE EACH
MT110	With 1 $\frac{1}{8}$ in. Red Glass.			Ebony Black	8/6

POSTAGE EXTRA.

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SIDE-CAR LAMPS Nos. R440S AND R330S



Rubber Diaphragm

TAIL LAMP No. MT110
FRONT DETACHED



TAIL LAMP No. MT110

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.													CASH PRICE		
No.	Finish.												EACH		
D10	Ebony Black and Plated.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	15/6
D10	Nickel Plated.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	16/6

TYPE D5 FESTOON LAMP.

Dimensions : $5\frac{3}{8} \times 1\frac{7}{8}$ in. Takes standard Tail Lamp Bulb.													CASH PRICE		
No.	Finish.												EACH		
D5	Ebony Black and Plated.	With Bulb	7/6

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 D30 is switched on by turning the knurled head of the cover to the right. There is no direct light to distract the eyes, as a diffused light is directed through the slotted windows towards the dash or instruments by the neat cone reflector arrangement in the head of the lamp. The top of the lamp pulls off for replacement of bulb, and this also allows direct illumination from the bulb.

TYPE D20 DASH LAMP. Takes standard Tail Lamp Bulb.

													CASH PRICE		
No.	Finish.												EACH		
D20	Ebony Black and Plated Parts.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	5/-
D20	Nickel Plated.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	5/-

TYPE D30 DASH LAMP. Takes standard Tail Lamp Bulb.

													CASH PRICE		
No.	Finish.												EACH		
D30	Ebony Black and Plated Parts.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	5/-
D30	Nickel Plated.	With Bulb	..	..	..	..	..	..	..	..	..	..	..	..	5/-

¶ Finish required must be specified when ordering.

POSTAGE EXTRA.

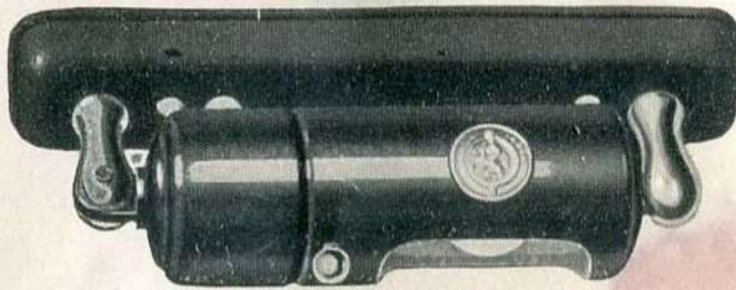
www.rpw.it



DASH LAMP
TYPE D20



FESTOON DASH LAMP
TYPE D10



FESTOON DASH LAMP
TYPE D5



DASH LAMP
TYPE D30

LUCAS ELECTRIC HORN No. B22 AND LUCAS-SPARTON ELECTRIC HORN No. M12

A **Lucas Electric Horn** should form part of the equipment of every motor-cycle fitted with a "Magdyno" or Dynamo Lighting Set. It is 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 note is at once powerful and satisfying, having a rich full tone of splendid quality. Its effectiveness and long distance carrying power have been thoroughly tested and are indisputable. Another striking difference from ordinary horns is its durability; it can be operated for very long periods without attention of any kind, and is capable of withstanding the variation in voltage experienced with different battery conditions without affecting the purity of its note, a common fault with ordinary horns. Special provision has been made to eliminate sparking at the contact points.

ELECTRIC HORN No. B22.

No.	Finish	CASH PRICE EACH
B22	Ebony Black, with Horn Push, without Cable	17/6

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-Sparton Motor-driven Electric Horn No. M12 is now listed.

It is of Lucas quality throughout, and gives a powerful note that is particularly penetrating without being raucous.

No. M12 model 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 PATTERN.

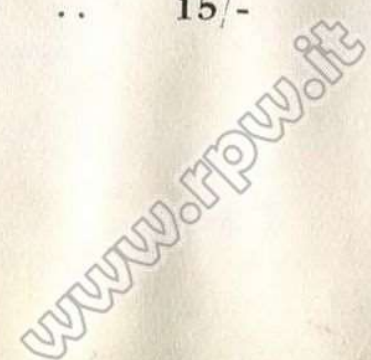
No.	Finish	CASH PRICE EACH
M12	Ebony Black	15/-

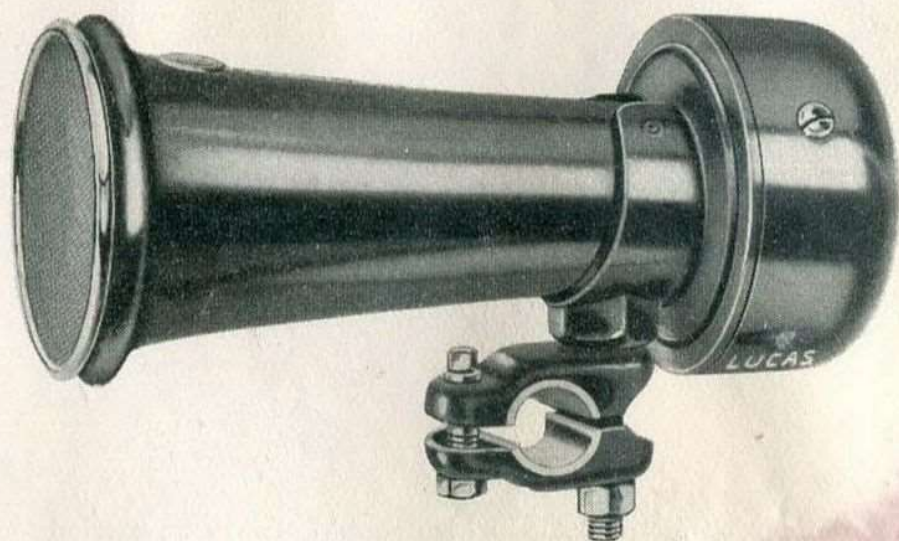
Standard 5 mm. Black Ignition Cable for the above Horn, **6d.** per yard.

6 volt (4 volt horns can be supplied if required).

Please state voltage when ordering.

POSTAGE EXTRA.



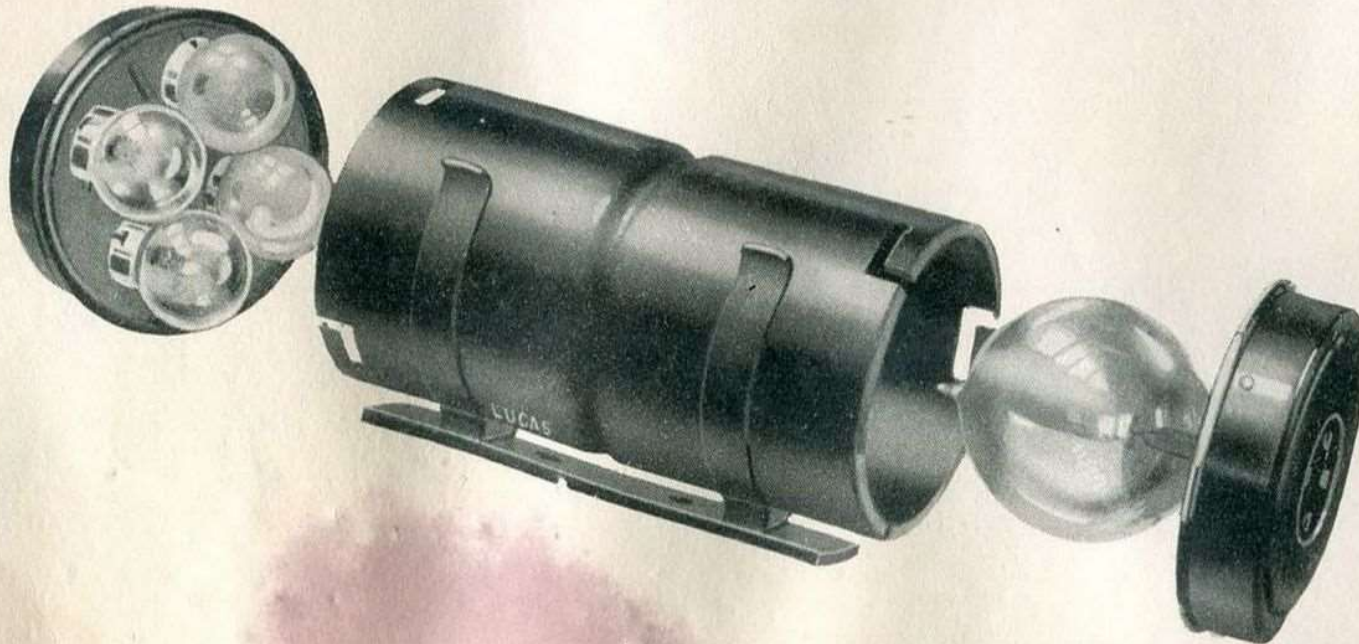


LUCAS ELECTRIC HORN NO. B22



LUCAS-SPARTON NO. M12

LUCAS SPARE BULB CASE



SPARE BULB CASE NO. 12C WITH CLIP

The Lucas No. 12C Spare Bulb Case is designed for holding a spare set of Electric Bulbs, which should always be carried for use in case of emergency. The bulbs are retained in the end covers as shown. A spring clip is provided which enables the bulb case to be secured in any convenient position, such as to the woodwork inside the side-car, or to the lid of the tool-box, etc., just as required.

The Case holds one Head Lamp bulb and four small bulbs.

Dimensions of Case : Length, $5\frac{1}{2}$ in. ; Diameter, $2\frac{3}{4}$ in.

No.									CASH PRICE EACH
12C	With Spring Clip.	Without Bulbs	..	..	..	..	..	..	5/6
12	Without Spring Clip.	Without Bulbs	..	..	..	..	..	..	4/6
	Clip only		..	..	..	..	..	1/-	each

POSTAGE EXTRA.

LUCAS OFFICIAL SPARE BULBS FOR MOTOR-CYCLE LAMPS

We are introducing this season an entirely new headlight bulb, the Lucas Blue * Star High-efficiency Gas-filled Bulb. The light-giving qualities of this bulb far surpass any hitherto obtainable, yet it does not consume any more current than similarly rated types of bulbs. All Lucas Official Spare Bulbs have to pass tests for correct focussing, and they are listed at the same price as ordinary bulbs.

LUCAS BLUE * STAR HIGH-EFFICIENCY GAS-FILLED BULBS.

Code Word	No.	Volts	Watts	Suitable for	CASH PRICE EACH
FAHUK	†2S	6	18	SS49 Head Lamp in "Magdyno" Sets..	.. 2/9

LUCAS OFFICIAL SPARE BULBS (VACUUM).

Code Word	No.	Volts	Watts	Suitable for	
FAHEFE	‡8S	6	3	Pilot Bulbs in SS49 Head Lamps, Side-Car and Tail Lamps	1/6
FAHJOR	‡9S	6	6	MC440 Head Lamp	1/6
FAHEGO	‡*D69	6	9 & 3	Head Lamps in Battery Sets	3/6
FAHEBI	‡66F	6	6	Festoon Dash Lamp, Type D10	3/-

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

Code Word		Volts	Amps.		
FAHYC	Pilot Bulb	3.5	.15	MES Cap Pilot Bulb in MC440 Head Lamp	6d

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LUCAS MOTOR-CYCLE BATTERIES

Lucas Motor-Cycle Batteries are symmetrical and neat, and embody the latest practice in battery design. They are manufactured throughout at the Lucas Battery Works, under the best conditions and with the latest and most improved plant.

Our Moulded "Milam" Batteries are stronger than the usual celluloid type; they are leak-proof, and practically immune from the risk of fire.

A special characteristic of Lucas Batteries is their low voltage drop on discharge. Our separators give the necessary rigidity to the section and ensure free diffusion of the electrolyte and low internal resistance. The terminals are robust, and are made of a non-corrosive alloy. The Batteries are entirely self-contained, making a separate case quite unnecessary.

The unique construction of the vents allows the free escape of gas at reduced pressure without carrying away the acid solution or permitting the ingress of moisture or dirt to the cell.

4-VOLT BATTERY ("Milam").

Code Word.	Type.	Voltage.	Amp. hours.	Over-all Dimensions.		CASH PRICE EACH
ACLOP	LOW5G	4	9	$5\frac{9}{16} \times 2\frac{3}{16} \times 7\frac{3}{8}$ in.	Battery only	£0 16 6
ACLUK	LOW5G	4	9		With Solo Fittings	1 1 6

6-VOLT BATTERIES ("Milam").

ACELA	LH5E	6	12	$5\frac{1}{4} \times 5\frac{1}{16} \times 5\frac{5}{16}$ in.	Battery only	£1 6 0
ACEKU	LH5E	6	12		With Solo Fittings	1 12 0
ACEKY	LH5E	6	12		With Side-Car Fittings	1 8 6
ACLEH	LUW7E	6	12	$4\frac{13}{16} \times 3\frac{5}{8} \times 6\frac{3}{8}$ in.	Battery only	1 0 0
ACLID	LUW7E	6	12		With Solo or Side-Car Fittings..	1 5 0

BATTERY No. LK7E (in Moulded Ebonite).

ACEKO	LK7E	6	21	$7\frac{1}{4} \times 4\frac{3}{4} \times 5\frac{1}{2}$ in.	Without Tin Case	£2 2 0
ACEJU	LK7E	6	21	$10 \times 5 \times 5\frac{1}{2}$ in.	In Tin Case	2 12 0

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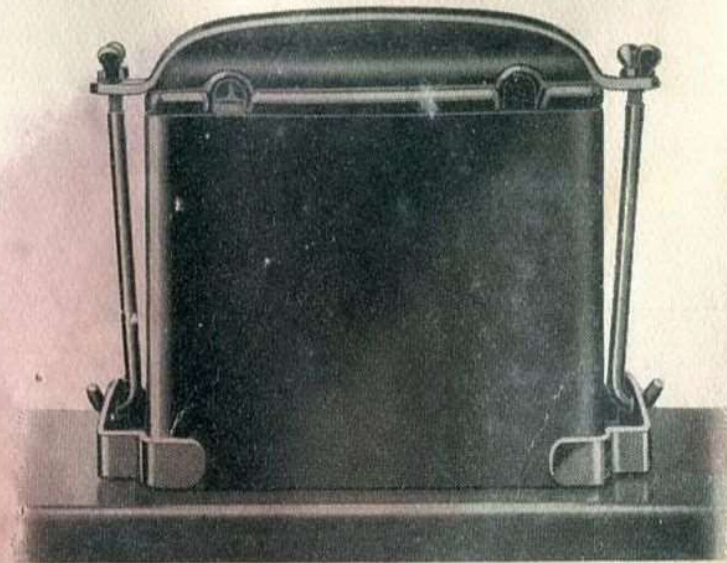
KING OF THE ROAD



BATTERY
No. LUW7E
WITH
FITTINGS



BATTERY No. LK7E
IN TIN CASE



BATTERY No. LH5E
WITH SIDE-CAR FITTINGS

“ LUCAS-NIFE ” STEEL-PLATE BATTERY

We are now listing the well-known “ Lucas-Nife ” **Steel-Plate Battery** for motor-cycles.

These Batteries, as previously, will be manufactured solely by Batteries Limited, Redditch, and users will have the advantages of the well-known Lucas Service Organisation at their disposal.

The chief advantages of “ Lucas-Nife ” Batteries are as follows :—

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.

No specific gravity readings.

Almost indestructible, and require no attention beyond the occasional addition of distilled water.

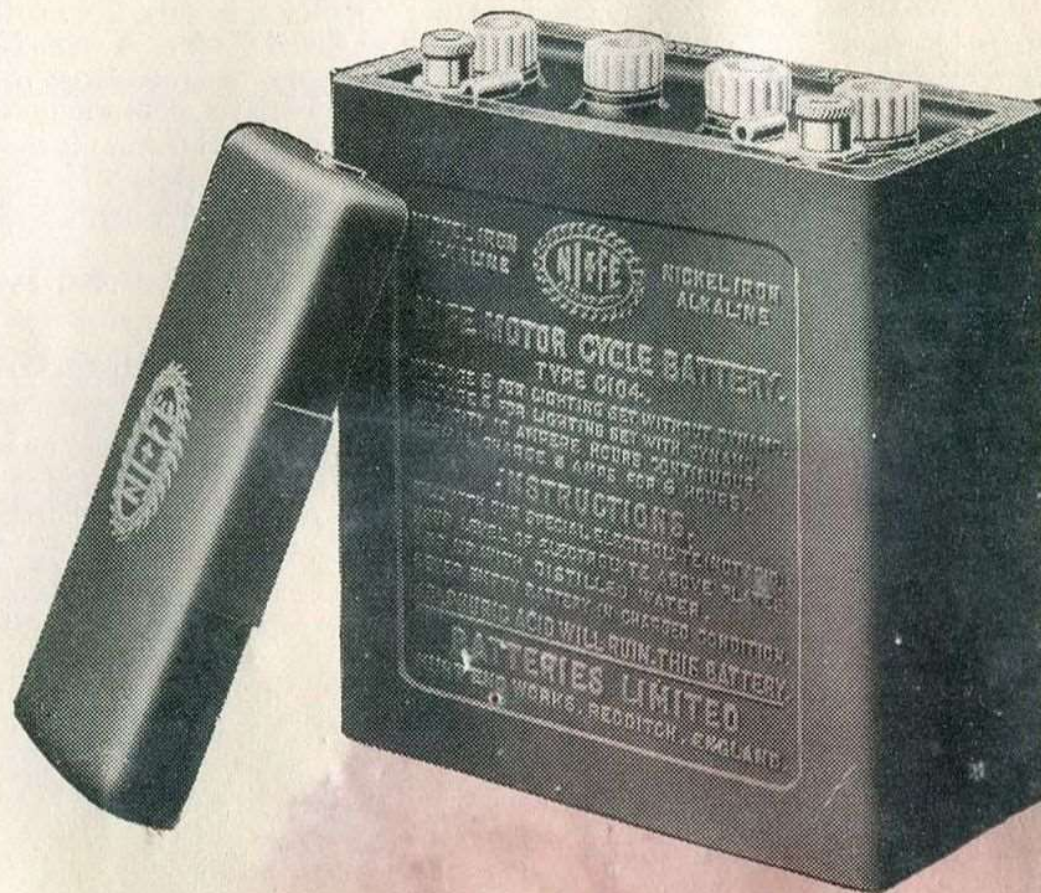
All enquiries relating to “ Lucas-Nife ” Motor-Cycle Batteries should be made to JOSEPH LUCAS LIMITED, Birmingham, and not to Batteries Limited, Redditch.

“ LUCAS-NIFE ” STEEL-PLATE BATTERY for Motor-Cycles.

Code Word.	Type.	Voltage.	Amp. hours.	Over-all Dimensions.		CASH PRICE EACH
ACLYC	C104	6	10	$6\frac{1}{8} \times 2\frac{15}{16} \times 7\frac{5}{8}$ in.	Battery only	£2 0 0
ACMAK	C104	6	10		With Solo Fittings	2 5 0

POSTAGE EXTRA.

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"LUCAS-NIFE" STEEL-PLATE BATTERY
FOR MOTOR-CYCLES

LUCAS "MILAM" (ALL MOULDED) RADIO BATTERIES

("MILAM" MEANS MOULDED IN LUCAS ACID-PROOF MATERIAL)

The Lucas Radio Batteries are moulded in "Milam," and its use enables the outside covering to be moulded integral with the cells—this prevents leakage of acid and gives great mechanical strength to the Battery. A separate case or crate is not required.

The finish of this material resembles polished ebony, and the consequent handsome appearance of Lucas Radio Batteries, besides making them an acquisition to the highest quality sets, warrants their being placed in any room where a wireless cabinet is installed.

The large bore vents are clean and effective, and the terminals robust. Another special feature is the strong carrier (with its neat and positive attachment) which facilitates handling of the Battery—a boon when it needs recharging.

The cells of the 6-volt Batteries are grouped so that they can be used for 2, 4, or 6 volts. Types RP5/6, RH5, RO5/6, RP7/4, RP5/4, RO5/4, RP7/2, RP5/2, and RO5/2 are specially suitable for Dull-emitter Valves.

Full information regarding charging and maintenance is provided with every Battery, and it should be particularly noted that prices include cover and special carrier for Battery.

LUCAS "MILAM" LOW TENSION RADIO BATTERIES. Prices include Cover and Carrier.

Type.	Volts.	DIMENSIONS.			Actual Capacity* at 20 hour rate of discharge.	Cash Price each (dry).
		Length.	Width.	Height (less carrying strap).		
		in.	in.	in.	Amp. hours.	£ s. d.
RM9	6	† 12	5 $\frac{15}{16}$	11 $\frac{1}{4}$	90	4 4 0
RP7/6	6	†† 9 $\frac{1}{4}$	5 $\frac{7}{16}$	9	50	2 15 0
*RP5/6	6	††† 7 $\frac{1}{4}$	5 $\frac{7}{16}$	9	30	2 0 0
*RH5	6	†† 5 $\frac{1}{4}$	5 $\frac{1}{8}$	5 $\frac{5}{16}$	16	1 9 6
*RO5/6	6	†† 6 $\frac{1}{8}$	3	7 $\frac{3}{8}$	12	1 6 0
*RP7/4	4	† 7 $\frac{1}{4}$	5 $\frac{7}{16}$	9	50	1 18 0
†*RP5/4	4	† 5 $\frac{3}{8}$	4 $\frac{3}{8}$	8 $\frac{7}{16}$	30	1 8 6
†*RO5/4	4	† 4 $\frac{1}{2}$	2 $\frac{7}{8}$	6 $\frac{11}{16}$	12	18 6
*RP7/2	2	† 5 $\frac{3}{8}$	2 $\frac{1}{2}$	8 $\frac{7}{16}$	50	1 0 0
*RP5/2	2	† 5 $\frac{3}{8}$	2 $\frac{1}{8}$	8 $\frac{7}{16}$	30	14 6
*RO5/2	2	† 2 $\frac{1}{8}$	2 $\frac{1}{4}$	6 $\frac{1}{2}$	12	10 0

6-volt Batteries have connections for 2, 4, or 6 volts.

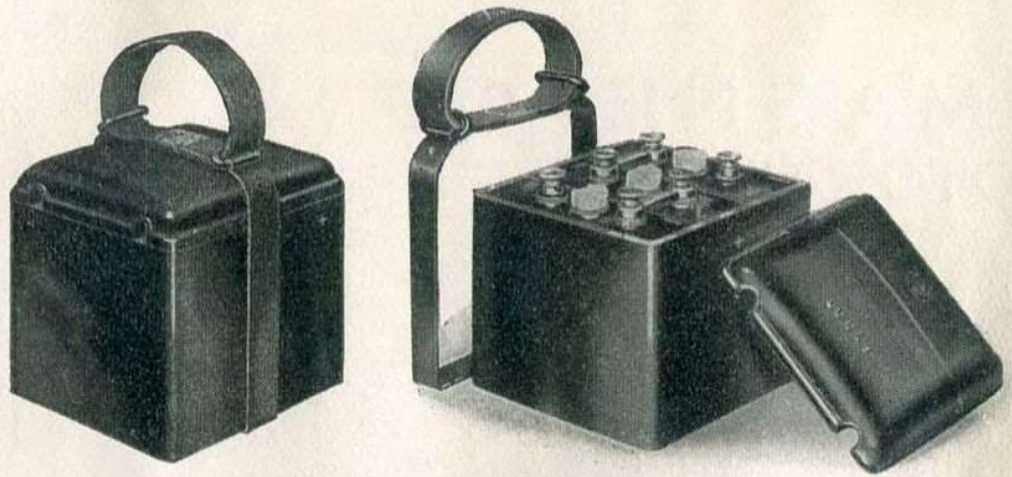
* These Batteries are specially suitable for use with Dull-emitter Valves.

† These Batteries consist of two 2-volt Batteries, connected and assembled in a case-carrier.

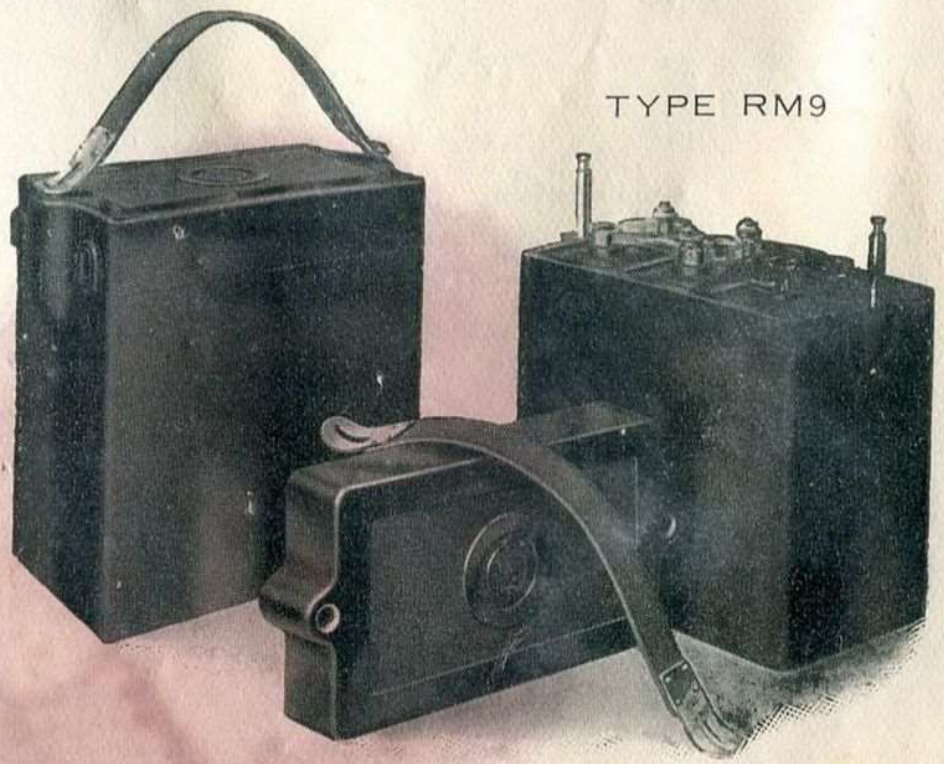
†† These lengths include the carrying lugs.

Non-corrosive cup terminals of special design are now fitted to these Batteries.

POSTAGE EXTRA.



TYPE RM5



TYPE RM9

LUCAS "MILAM"
RADIO BATTERIES

LUCAS MAGNETOS

FOR MOTOR-CYCLES

November, 1928

All previous lists cancelled.

For Light-weight Engines.

		CASH PRICE EACH
		£ s. d.
No. MA1	For small Single-Cylinder Engines	3 15 0
No. MA2	For small Two-Cylinder Engines (Cylinders side by side or horizontally opposed)	4 2 6

For Medium Motor-Cycle Engines.

No. KSA1	Single-Cylinder Type	4 2 6
No. KSA2	Two-Cylinder Type (for Cylinders side by side or horizontally opposed) ..	4 10 0

For Large Motor-Cycle Engines.

No. KL1	Single-Cylinder Type	4 12 6
No. KL2	Two-Cylinder Type (for Cylinders side by side or horizontally opposed) ..	5 0 0
No. KLV	Two-Cylinder Type (for V Engines)	5 0 0

For Racing Motor-Cycle Engines.

No. KR1	Single-Cylinder Type	5 15 0
No. KRV	Two-Cylinder Type	6 2 6

(State degrees of angle in case of V Engines.)

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CASH PRICES FOR REPAIRS & PARTS (MOTOR-CYCLEALITIES)

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**, except London District Repairs, which should be sent to our Acton Depot, Dordrecht Road, Acton Vale, W.3.

MOTOR-CYCLE LAMPS AND GENERATORS.

Part No.		Price.	Part No.		Price.
N260	Regulators—No. 44	6d. each.	N283	Carbide Containers—No. 42	2/9 each.
N261	No. 54	6d. "	N284	No. 51	2/- "
N262	No. 31	6d. "	N285	No. 52	2/- "
N263	No. 42	6d. "	N286	No. 62	2/- "
N264	Nos. 51, 62	1/- "	N287	No. 32	1/6 "
N265	No. 52	1/- "	N288	Container Cage—No. 62	2/9 "
N266	No. 32	6d. "	N289	Carbide Cover and Spring—No. 44	6d. "
N267	Burners ("Roni")—No. 52 for Nos. 341, 462, 472	1/6 "	N290	No. 54	6d. "
N268	No. 40 for Nos. 342, 345, 442	1/4 "	N291	No. 31	6d. "
N269	No. 30 for No. 331	1/4 "	N292	Nos. 51, 52, 62	6d. "
N270	No. 53 for No. 354	1/2 "	N293	No. 42	6d. "
N271	No. 11 for No. 350	5d. "	N294	No. 32	6d. "
N272	No. 6 ("Vika") for No. 344 (Previous to 1922)	6d. "	N295	Carbide Plate and Tube—No. 31	9d. "
N273	No. 306 for No. 344	3/- doz.	N296	No. 52	9d. "
N274	Rubber Rings—No. 44	2/- "	N297	Nos. 51, 62	9d. "
N275	No. 54	2/- "	N298	Carbide Tube—No. 44	1/- doz.
N276	No. 31	2/- "	N299	No. 54	1/- "
N277	No. 42	3/- "	N300	No. 32	1/- "
N278	No. 62	3/- "	N301	No. 42	2/- "
N279	No. 32	2/- "	N302	Nos. 51, 62	3/- "
N280	Carbide Containers—No. 44	9d. each.	N303	No. 52	3/- "
N281	No. 54	1/- "	N304	Water Screw—Nos. 31, 44, 54, 42, 52	4d. each.
N282	No. 31	1/6 "	N305	Nos. 51, 62	6d. "
			N306	Centre Screw—No. 31	10d. "
			N307	No. 44	8d. "

POSTAGE EXTRA.

Please state Type Number and Finish of Lamp when ordering Spares.

continued.

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CASH PRICES FOR REPAIRS & PARTS—CONTINUED.

MOTOR-CYCLE LAMPS AND GENERATORS—*continued.*

Part No.		Price.	Part No.		Price.
N308	Centre Screw—No. 54	8d. each.	N323	Reflector (Aluminium)—No. 350	2d. each.
N309	Glass only—No. 472	1/6 ..	N324	Front Door, complete—No. 472	11/6 ..
N310	Nos. 442, 462	1/- ..	N325	No. 462	10/6 ..
N311	Nos. 341, 342, 345, 454	9d. ..	N326	No. 442	8/6 ..
N312	No. 331	9d. ..	N327	Nos. 341, 342, 345, 454	5/- ..
N313	Nos. 350, 354	3/- doz.	N328	No. 331	3/9 ..
N314	No. 344	2/- ..	N329	No. 354	2/- ..
N315	Rim for Glass (Ruby)—No. 344	3/- ..	N330	No. 350	1/9 ..
N316	Mangin Mirror—No. 472	10/- each.	N331	Wire for Glass—No. 472	9d. ..
N317	No. 462	8/- ..	N332	Nos. 442, 462	4d. ..
N318	Nos. 341, 454	6/6 ..	N333	Nos. 341, 342, 345, 454	4d. ..
N319	Mirror Reflector—No. 442	3/- ..	N334	No. 331	4d. ..
N320	Nos. 342, 345	2/- ..	N335	Nos. 350, 354	1/- doz.
N321	No. 331	1/4 ..	N336	Bead for fixing Glass (Ruby)—No. 344	1/- ..
N322	Reflector (Aluminium)—No. 354	9d. ..			

MOTOR-CYCLE HORNS.

N420	Bulb, with Socket—Nos. 32, 60	4/3 each.	N426	Reed for No. 60p	1/9 each.
N421	Nos. 60p, 63	3/3 ..	N427	No. 63	1/- ..
N422	Socket—Nos. 32, 60	6d. ..	N428	Handle-bar Clip, complete with Screws—No. 32	1/6 ..
N423	Nos. 60p, 63	6d. ..	N429	No. 60	1/6 ..
N424	Reed for No. 32	1/9 ..	N430	No. 60p	1/6 ..
N425	No. 60	1/9 ..	N431	No. 63	1/6 ..

POSTAGE EXTRA.

Please state Type Number and Finish of Lamp or Horn when ordering Spares.

For particulars of Spare Parts for Electrical Equipment see separate list.



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