

# LUCAS

SECTION

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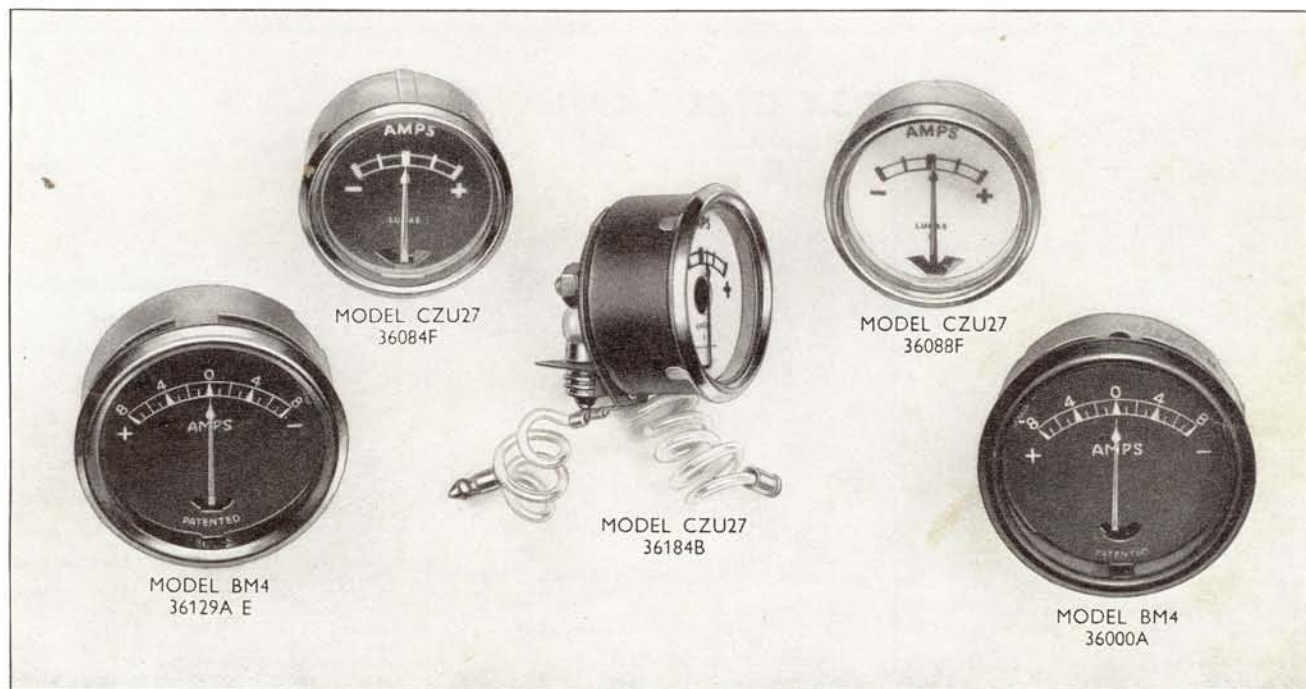
## AMMETERS, BATTERIES CABLES AND SUNDRIES

### AMMETERS

#### Model Interpretation

The symbols making up the model indicate the characteristics of each ammeter, i.e., BM4—base, moulded, round, approximately 2" diameter, voltage control circuits, damped movement.

BM	Base moulded.	CZ	Centre zero.
4	Round, approx. 2" diameter; voltage control circuits; damped movement.	U	Universal movement.
		27	Round, 1½" diameter; 8 amp.



For detailed spare parts, see page C3

#### Model Reference

Ammeters are shown below in model grouping, together with part numbers. For full description see Service Reference, page C2.

Whereas some ammeters are still available, certain of the models listed below have been superseded by a later design.

For full details see Supersession Chart, page C2.

Model	Ordering No.	Model	Ordering No.	Model	Ordering No.	Model	Ordering No.
BM4	36000	CZ11	364039	CZ23	364310	CZU27	36084
BM4	36129	CZ11	364045	CZ26	36107	CZU27	36085
BM4	36189	CZ11	364046	CZ27	36080	CZU27	36088
BM4	369075	CZ11	364061	CZ27	36082	CZU27	36168
BM4	369076	CZ11	364091	CZ27	364454	CZU27	36184
CZ11	364011	CZ23	364290	CZ27	364455	CZU27	36220
CZ11	364027	CZ23	364303				
CZ11	364035	CZ23	364306				





# AMMETERS

## Service Reference

A guide to the comprehensive range of LUCAS Ammeters available for Motor Cycles.

Ordering No.	Model	Reading	Colour	Printing	Illumination	Rim Finish	Special Features
36000	BM4	8-0-8	Black	White	All round	Black	Shrouded terminals
36084	CZU27	- +	Black	White	All round	Chromium plated	Magneto ignition
36088	CZU27	- +	White	Black	All round	Chromium plated	Magneto ignition
36129	BM4	8-0-8	Black	White	12 o'clock	Chromium plated	—
36184	CZU27	- +	White	Black	All round	Chromium plated	Coil ignition with warning light

NOTE: The ordering number of instrument is marked on the case.

## SUPERSESSION CHART

Whereas some ammeters are still available, certain models have been superseded by a later design as shown below.

Part No.	Replaced by	Part No.	Replaced by	Part No.	Replaced by	Part No.	Replaced by
36080	36084	36220	36184	364046	36084	364310	36184
36082	36184	364011	36088	364061	36184	364454	36088
36085	36184	364027	36184	364091	36084	364455	36084
36107	36088	364035	36084	364290	36084	364456	36184
36168	36084	364039	36084	364303	36088	369075	36000
36189	36129	364045	36184	364306	36184	369076	36000
36204	36184						

## MOTOR CYCLE APPLICATION

### 36000 BM4

A.J.S. 250 c.c. '22' and '22T' 1936-39.  
 350 c.c. '26' 1937-39.  
 500 c.c. '8' and '9' 1936-39.  
 500 c.c. '18' and '18T' 1936-39.  
 990 c.c. '2' and '2A' 1937-39.  
 B.S.A. 350 c.c. 'M19' Sports 1937-39.  
 500 c.c. 'J12' 1936.  
 500 c.c. 'M20' 1937-39.  
 500 c.c. 'M22' and 'M23' 'Empire Star' 1937-39.  
 500 c.c. 'M24' 'Gold Star' 1938.  
 500 c.c. 'W6' and 'W7' 1936.  
 600 c.c. 'M10' 1936.  
 600 c.c. 'M21' 1937-39.  
 990 c.c. 'G14' 1936-37 and 1939.  
 MATCHLESS 250 c.c. 'G2', 'G2M' and 'G2MC' 1937-39.  
 350 c.c. 'G3' 1936-39.  
 500 c.c. 'SV' 1936.  
 500 c.c. 'G80' 1936-39.  
 1,000 c.c. Twin 1937-39.  
 NORTON All Tank Panel Models 1936-39.  
 TRIUMPH 250 c.c. '2H' and 'Tiger 70' 1937-39.  
 250 c.c. '2HC' 1938-39 (alternative).  
 350 c.c. '3H' and 'Tiger 80' 1937-39.  
 350 c.c. '3SC' and '3SE' 1938-39 (alternative).  
 350 c.c. '3T' De Luxe 1946-49.  
 500 c.c. '5H' and 'Tiger 90' 1937-39.  
 550 c.c. '5T' 180° Vertical Twin 1938-39.  
 500 c.c. 'STAC' 'Speed Twin' 1946-49.  
 500 c.c. 'Tiger 100' 1946-49.  
 600 c.c. '6S' 1937-39.

### 36084 CZU27

A.J.S. 350 c.c. '7' 1936.  
 350 c.c. '16M' 1945-55.  
 350 c.c. '16MS' 1945-57.  
 350 c.c. and 500 c.c. Competition Models 1950-57.  
 500 c.c. '18' and '18T' 1945-55.  
 500 c.c. '18S' 1949-57.  
 500 c.c. '20' 1949-57.  
 600 c.c. '30' 1956-57.  
 990 c.c. '2' and '2A' 1936.  
 ARIEL 250 c.c. 'LG' and 'OG' De Luxe 1936-39.  
 250 c.c. 'OH' and 'LH' 'Red Hunter' 1936-39.  
 350 c.c. 'NG' De Luxe 1936-51.  
 350 c.c. 'NH' 'Red Hunter' 1936-57.  
 500 c.c. 'VA' 1939.  
 500 c.c. 'VG' 1936-50.  
 500 c.c. 'KH' and 'KHA' 'Red Hunter' 1948-49 and 1951-57.  
 500 c.c. 'KG' De Luxe 1948-49 and 1951.  
 500 c.c. 'HS' Mk. I and Mk. III Scrambles 'Red Hunter' 1955-57.  
 500 c.c. 'VCH' Competition 1950-53.  
 500 c.c. 'VH', 'VHA', 'Red Hunter' and 'Hunter Single' 1936-57.  
 600 c.c. 'VB' 1936-57.  
 600 c.c. '4F' 'Square Four' 1936-39.  
 650 c.c. 'FH' 'Huntmaster' 1954-57.  
 1,000 c.c. '4G' 'Square Four' 1936-48.

### 36084 CZU27—continued

ATELIERS GILLET 400 c.c. 1949-56.  
 500 c.c. 1948 and 1950-56.  
 BROCKHOUSE 250 c.c. 'Indian Brave' late 1955-56.  
 BROUGH SUPERIOR All Models 1936-39.  
 B.S.A. 250 c.c. 'B18' 1936.  
 250 c.c. 'B20' 1938.  
 250 c.c. 'B22' 'Empire Star' 1938.  
 250 c.c. 'C10' 1951-53.  
 250 c.c. 'C11' 1954-55.  
 250 c.c. 'C12' 1956-57.  
 350 c.c. 'B23' 1937-38.  
 350 c.c. 'B24' 'Empire Star' 1937-39.  
 350 c.c. 'B25' Competition 1938-39.  
 350 c.c. 'B26' 1938-39.  
 350 c.c. 'B31' 1945-57.  
 350 c.c. 'B32' 1945-57.  
 350 c.c. 'R4' and 'R19' Competition 1936.  
 500 c.c. 'A7' 1947-57.  
 500 c.c. 'B33' 1946-57.  
 500 c.c. 'B34' 1950-57.  
 500 c.c. 'M20' 1945-55.  
 500 c.c. 'M24' 'Gold Star' 1939.  
 500 c.c. 'M33' 1948-57.  
 600 c.c. 'M21' 1945-57.  
 650 c.c. 'A10' 'Golden Flash' 1950-57.  
 650 c.c. 'Road Rocket' 1955-57.  
 CHATER LEA 545c.c. 1936.  
 COTTON 250 c.c. '6B' (Blackburne) 1937-39.  
 350 c.c. '9J' 1936.  
 600 c.c. '26J' and '29B' 1936.  
 DOUGLAS 350 c.c. Twin Mk. III and Mk. V ('80 Plus' and '90 Plus') 1947-54.  
 EHRLICH 350 c.c. 2-stroke 1952-55.  
 ENFIELD 150 c.c. 'T' (Magneto Models) 1938-39.  
 250 c.c. 'Crusader' 1957.  
 250 c.c. 'Bullet' 1938.  
 250 c.c. 'Clipper' 1956-57.  
 250 c.c. 'S2' 1938-39.  
 350 c.c. 'C' 1937-39.  
 350 c.c. 'Bullet' 1938-57.  
 350 c.c. 'Clipper' 1956-57.  
 350 c.c. 'G' 1938-54.  
 500 c.c. 'Bullet' 1953-57.  
 500 c.c. Twin 1949-51, 1953 and late 1954-57.  
 500 c.c. 'JF' 4-valve 1936.  
 500 c.c. 'J2' 1938-55.  
 570 c.c. 'L' 1936 and 1938-39.  
 700 c.c. 'Super Meteor' (late) 1954-57.  
 976 c.c. 'KL' 1936.  
 1,140 c.c. 'K' 1936 and 1938-39.  
 EXCELSIOR 150 c.c. 'Courier' 1953-56.  
 150 c.c. 'Convoy' 1956-57.  
 150 c.c. 'Universal' 1952-56.  
 250 c.c. 'F7' 'Pathfinder' 1936.  
 250 c.c. 'J4' 'Pioneer' 1939.  
 250 c.c. 'Talisman Twin' 1951-57.  
 250 c.c. (2-stroke) 'Scout' 1936-38.  
 MAISON SAROLEA Export Models 1951-56.  
 350 c.c. 1947.  
 500 c.c. 1948-49.

### 36084 CZU27—continued

MATCHLESS 350 c.c. and 500 c.c. Competition Models 1950-57.  
 350 c.c. 'G3' 1945-57.  
 500 c.c. 'G45' Racing Model 1957.  
 500 c.c. 'G9' 1949-57.  
 500 c.c. 'G80' 1945-57.  
 600 c.c. 'G11' 1956-57.  
 MONTGOMERY Single Cylinder Model (Magdyno ignition) 1939.  
 NEW IMPERIAL 150 c.c. 'Minor' De Luxe 1937-38 and 1939 ('Maglita' Models).  
 250 c.c. 'Unidyno 36' and 'Clubman Special 90' 1936-38.  
 350 c.c. 1936-38.  
 500 c.c. 'Clubman 110' 1937-38.  
 500 c.c. 'Unit Major 70' 1936.  
 500 c.c. 'Unit Clubman 76' 1936-38.  
 550 c.c. '80' 1936.  
 NORTON All Models (except Tank Panel Models) 1936-57.  
 O.K. SUPREME 250 c.c. Magneto and Magdyno Models 1936-39.  
 250 c.c. (Coil ignition) 1939.  
 350 c.c. and 500 c.c. 1936-39.  
 PANTHER All Models 1946-57 (except 250 c.c. '65' 1951-57).  
 250 c.c. '65' 1949-50 and 1955-57 (Magneto Models).  
 PASHLEY 'Pelican Rickshaw' 1955-57.  
 SCOTT Twin Cylinder Models 1937-48.  
 SUNBEAM All Models 1936-50.  
 TRIUMPH 250 c.c., 350 c.c., 500 c.c. and 600 c.c. 1936.  
 500 c.c. 'Grand Prix' 1950.  
 500 c.c. 'STAC' 'Speed Twin' 1953.  
 500 c.c. 'TR5 Trophy' 1949-57.  
 650 c.c. 'TR6 Trophy' 1956-57.  
 TURNER MANUFACTURING 'Bi-Van' and 'Tri-Van' 1951.  
 ZENITH 50° Twin 1948.  
 36088 CZU27  
 BROCKHOUSE 250 c.c. 'Indian Brave' 1951-55.  
 B.S.A. 125 c.c. 'Bantam' 1950-53.  
 150 c.c. 'Major' 1950-53.  
 150 c.c. 'X36' 1936.  
 250 c.c. 'B2' and 'B3' 1936.  
 250 c.c. 'B20' 1937.  
 250 c.c. 'B21' Sports 1937-39.  
 250 c.c. 'B22' 'Empire Star' 1937.  
 350 c.c. 'B23' 1939.  
 350 c.c. 'B25' Competition 1937.  
 350 c.c. 'B26' 1937-38.  
 ENFIELD 250 c.c. 'S2' 1937.  
 350 c.c. Competition 1937.  
 350 c.c. 'G' 1937.  
 500 c.c. 'JF' 4-valve 1937-38.  
 500 c.c. 'H' 1937.  
 570 c.c. 'L' 1937.  
 1,140 c.c. 'K' 1937.

continued



# AMMETERS



## Motor Cycle Application—continued

### 36088 CZU27—continued

EXCELSIOR 150 c.c. (2-stroke) 'J1' 1939.  
250 c.c. 'G5' 1937-38.  
350 c.c. 'F5' 1937-38.  
JAMES 150 c.c. and 200 c.c. 1939.  
250 c.c. 1936-39.  
NEW IMPERIAL 250 c.c. 'Unidyno 36' and 'Clubman 90' (except coil ignition) 1939.  
350 c.c. (except coil ignition) 1939.  
500 c.c. 'Clubman 110' (except coil ignition) 1939.  
500 c.c. 'Unit Clubman 76' (except coil ignition) 1939.  
O.E.C. 250 c.c. 'SV' 1952-53.  
O.K. SUPREME 250 c.c. Magneto Models 1937-38.  
SUNBEAM 500 c.c. 'S7' and 'S8' 1951-57.

### 36129 BM4

ARIEL 500 c.c. 'KH' and 'KHA' 'Red Hunter' 1950.  
500 c.c. 'KG' De Luxe 1950.  
1,000 c.c. 'Square Four' 1950.  
TRIUMPH 350 c.c. '3T' De Luxe 1950-51.  
350 c.c. 'Twenty-one' 1957.  
500 c.c. 'STAC' 'Speed Twin' 1950-52 and 1954-57.  
500 c.c. 'Tiger 100' 1950-57.  
650 c.c. 'Tiger 110' 1954-57.  
650 c.c. '6TAC' 'Thunderbird' 1950-57.

### 36184 CZU27

A.J.W. 500 c.c. Twin 1949-50.  
ARIEL 1,000 c.c. 'Square Four' 1949 and 1951-57.  
ATELIERS GILLET 250 c.c. 1946-49.  
500 c.c. 1949.  
500 c.c. (Export France) 1949-53.  
B.S.A. 250 c.c. 'C10' 1939-53.  
250 c.c. 'C11' 1939-53.  
990 c.c. 'G14' 1938.  
COTTON 150 c.c. '1B' (Blackburne) 1936-38.  
150 c.c. '1J' (J.A.P.) 1936-37.  
250 c.c. '2JC' (J.A.P.) 1938-39 and 1948.  
250 c.c. '6B' (Blackburne) 1936.  
250 c.c. '30J' (J.A.P.) 1936-39 and 1948.  
350 c.c. '9' Special (J.A.P.) 1937-39 and 1948.  
350 c.c. '9J' (J.A.P.) 1936.  
500 c.c. '5J' (J.A.P.) 1936-39.  
500 c.c. '25' and '25J' (J.A.P.) 1936-39 and 1948.  
ENFIELD 150 c.c. 'T' (coil ignition) 1937-39.  
225 c.c. 'A' 1936-39.  
250 c.c. 'B' 1936-38.  
250 c.c. 'S' 1937-39.  
250 c.c. 'S2' 1936.  
350 c.c. 'C' 1936.  
350 c.c. 'G' 1936.  
500 c.c. (late) 1951-52 and 1954.  
500 c.c. 'H' 1936 and 1938-39.  
700 c.c. 'Super Meteor' 1953-54.

### 36184 CZU27—continued

MATCHLESS 250 c.c. 'F7' De Luxe 1936.  
250 c.c. 'G2', 'G2M' and 'G2MC' 1936.  
1,000 c.c. Twin 1936.  
MONTGOMERY Single Cylinder Models (Coil ignition) 1939.  
NEW IMPERIAL 150 c.c. 'Minor' De Luxe 1936 and 1939.  
250 c.c. 'Unidyno 36' and 'Clubman Special 90' (coil ignition) 1939.  
250 c.c. 'Unit Super De Luxe 30' 1936.  
350 c.c. (coil ignition) 1939.  
500 c.c. 'Clubman 110' (coil ignition) 1939.  
500 c.c. 'Unit Clubman 76' (coil ignition) 1939.  
O.K. SUPREME 250 c.c. (coil ignition) 1936-38.  
PANTHER 250 c.c. '65' (coil ignition) 1951-54 and 1955-57.  
SCOTT Twin Cylinder Models 1949-50.  
TRIUMPH 250 c.c. '2HC' 1938-39.  
250 c.c. '2H' and 'Tiger 70' 1938-39 (alternative)  
350 c.c. '3SC' and '3SE' 1938-39.  
350 c.c. '3H' and 'Tiger 80' 1938-39 (alternative)  
500 c.c. '5H' and 'Tiger 90' 1938-39 (alternative)  
600 c.c. '6S' 1938-39 (alternative).  
VINCENT H.R.D. 1,000 c.c. 'Black Prince' and 'Black Knight' 1955.  
1,000 c.c. 'Rapide' and 'Black Shadow' 1948-55.



## DETAILED SPARE PARTS

Part No. Model	36000A BM4	*36080A CZ27	*36082A CZ27	36084F CZU27	*36085F CZU27	36088F CZU27	*36107A CZ26	36129A/E BM4	*36168A CZU27	36184B CZU27
§Screw, grub	121610	121610	121610	—	—	—	121610	121610	—	—
§Ring, rubber	369201	523986	523986	523986	523986	523986	—	369201	523986	523986
Warning light	—	—	365227	—	365227	—	—	—	—	365421
§Nut, terminal	—	—	—	166043	166043	166043	—	—	166043	166043
§Washer, lock	—	—	—	185022	185022	185022	—	—	185022	185022
§Bulb	—	—	998	—	998	—	—	—	—	998

Part No. Model	*36189A BM4	*36204 CZU27	*36220A CZU27	*364011 CZ11	*364027 CZ11	*364035 CZ11	*364039 CZ11	*364045 CZ11	*364046 CZ11	*364061 CZ11
§Screw, grub	121610	—	—	121610	121610	121610	121610	121610	121610	121610
§Ring, rubber	—	523986	523986	523986	523986	523986	523986	523986	523986	523986
Warning light	—	365421	365421	—	—	—	—	—	—	—
§Nut, terminal	—	166043	166043	—	—	—	—	—	—	—
§Washer, lock	—	185022	185022	—	—	—	—	—	—	—
§Bulb	—	998	998	—	—	—	—	—	—	—

Part No. Model	*364091 CZ11	*364290 CZ23	*364303 CZ23	*364306 CZ23	*364310 CZ23	*364454 CZ27	*364455 CZ27	*364456 CZ27	*369075 BM4	*369076 BM4
§Screw, grub	121610	121610	121610	121610	121610	121610	121610	121610	121610	121610
§Ring, rubber	523986	523986	523986	523986	523986	523986	523986	523986	369201	369201
Warning light	—	—	—	—	—	—	—	365227	—	—
§Nut, terminal	—	—	—	—	—	—	—	—	—	—
§Washer, lock	—	—	—	—	—	—	—	—	—	—
§Bulb	—	—	—	—	—	—	—	998	—	—

For illustrations, see also page C1.