

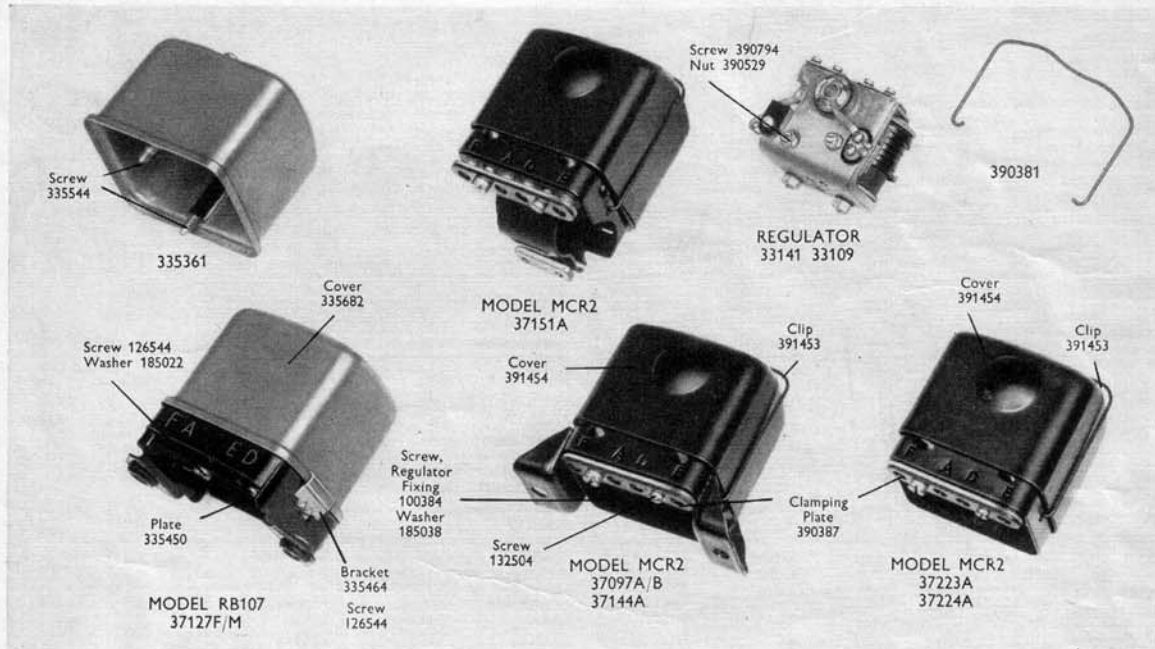
LUCAS

CONTROL BOXES

SECTION D

Model Interpretation

MC Motor Cycle. 2 LRT9/2 Regulator.
 R Regulator. RB Regulator Box
 107 Sealed Cover.



For detailed spare parts, see page D2.

Model Reference

Model	Ordering No.	Model	Ordering No.	Model	Ordering No.	Model	Ordering No.
MCR	390398	MCR1	33053	MCR2	37097	MCR2	37223
MCR	390409	MCR1	390704	MCR2	37144	MCR2	37224
MCR1	33018	MCR1	390706	MCR2	37151	RB107	37127

SUPERSESSON CHART

Some early control boxes are out of production and are replaced by later models as shown below.

Part No.	Replaced by	Part No.	Replaced by	Part No.	Replaced by	Part No.	Replaced by
33018	37144	390380	391454 (Cover) and 391453 (Clip)	390398	37151	390704	37151
33053	37151			390409	37144	390706	37144



CONTROL BOXES

MOTOR CYCLE APPLICATION

37097 MCR2

A.J.S. 500 c.c. '20' Twin 1949-55.
 ARIEL 350 c.c. 'NG' 1949-51.
 350 c.c. 'NH' 1949-53.
 500 c.c. 'VG' 1949-50.
 500 c.c. 'KH' and 'KHA' 1949-53.
 500 c.c. 'KG' 1950-51.
 500 c.c. 'VCH' Competition 1950-53.
 500 c.c. 'VH' and 'VHA' 1949-53.
 600 c.c. 'VB' 1949-53.
 1,000 c.c. 'Square Four' 1949-54.
 ATELIERS GILLET 250 c.c. 1949.
 400 c.c. and 500 c.c. 1949-56.
 B.S.A. 250 c.c. 'C10' and 'C11' 1949-53.
 350 c.c. 'B31' 1950-53.
 500 c.c. 'A7' Twin, 'B33', 'B34' and 'M20' 1950-53.
 500 c.c. 'M20', 'M23' and 'M33' 1950-53.
 600 c.c. 'M21' 1950-53.
 650 c.c. 'A10' 1950-53.
 DOUGLAS 350 c.c. All Models 1950-54.
 EHRlich 350 c.c. 1952-55.
 ENFIELD 350 c.c. 'Bullet' 1950-53.
 350 c.c. 'G' 1950-53.
 500 c.c. 'Bullet' 1953.
 500 c.c. Twin 1949-53.
 500 c.c. 'J2' 1950-53.
 FABRIQUE NATIONALE Civilian Model 1953.
 MAISON SAROLEA Export 1951-56.
 500 c.c. 1949.
 MATCHLESS 500 c.c. 'G9' 1949-55.
 500 c.c. 'Super Clubman' 1948-50.
 MOTOKOV 'Jawa' 1952-53.
 NORTON 350 c.c. '40 International' 1950-53.
 500 c.c. 'Dominor Twin 7' 1949-53.
 500 c.c. '16H' and '18' 1950-53.
 500 c.c. '30 International' 1950-53.
 500 c.c. 'ES2' 1950-53.
 500 c.c. 'Dominor Twin 88' 1952-53.
 600 c.c. 'Big Four' 1950-53.
 PANTHER 250 c.c. '65' 1949-53.
 250 c.c. and 350 c.c. 'Stroud' 1951-53.
 350 c.c. '75' 1948-54.
 600 c.c. '100' 1949-53.
 SCOTT Twin Cylinder 1949-50.
 SUNBEAM 500 c.c. 'S7' and 'S8' 1949-57.
 TRIUMPH 350 c.c. '3T' De Luxe 1950-51.
 500 c.c. 'TR5 Trophy' 1949-53.
 500 c.c. 'Grand Prix' 1950.
 500 c.c. 'Speed Twin' 1950-52.
 500 c.c. 'Tiger 100' 1950-53.
 650 c.c. 'Thunderbird' 1950-53.

37127 RB107

ARIEL 350 c.c. 'NH' 1954-57.
 500 c.c. 'KH' and 'KHA' 1954-57.
 500 c.c. 'HS' 1957.
 550 c.c. 'VH' and 'VHA' 1954-57.
 600 c.c. 'VB' 1954-57.
 650 c.c. 'FH' 1954-57.
 1,000 c.c. 'Square Four' 1955-57.
 B.S.A. 350 c.c. 'B31' and 'B32' 'Gold Star' 1954-57.
 500 c.c. 'A7' Twin, 'B33' and 'B34' 1954-57.
 500 c.c. 'M20' 1954-55.
 500 c.c. 'M33' 1954-57.
 600 c.c. 'M21' 1954-57.
 650 c.c. 'A10' 'Golden Flash' 1954-57.
 650 c.c. 'Road Rocket' 1955-57.
 ENFIELD 350 c.c. 'Bullet' 1954-55.
 350 c.c. 'Clipper' 1956-57.
 350 c.c. 'G' 1954.
 500 c.c. 'Bullet' and Twin 1954-55.
 500 c.c. 'J2' 1954-55.
 700 c.c. 'Super Meteor' 1953-55.
 NORTON 350 c.c. '40 International' 1954-57.
 500 c.c. 'Dominor Twin 7' 1954-55.
 350 c.c. '50' 1956-57.
 500 c.c. '16H' and '18' 1954.
 500 c.c. '30 International' 1954-57.
 500 c.c. '77' Twin 1957.
 500 c.c. 'ES2' 1954-57.
 500 c.c. 'Dominor Twin 88' 1954-57.
 600 c.c. '19' 1955-57.
 600 c.c. 'Big Four' 1954.
 600 c.c. 'Dominor 99' 1956-57.
 PANTHER All Models 1954-57.
 PASHLEY 'Pelican Rickshaw' 1955-57.
 TRIUMPH 500 c.c. 'TR5 Trophy' 1954-57.
 500 c.c. 'Tiger 100' 1954-57.
 650 c.c. 'Tiger 110' 1954-57.
 650 c.c. 'TR6 Trophy' 1956-57.
 VINCENT H.R.D. 1,000 c.c. 'Rapide', 'Black Shadow', 'Black Prince' and 'Black Knight' 1955.

37144 MCR2

A.J.S. 250 c.c. '22' and '22T' 1936-39.
 350 c.c. and 500 c.c. Competition and Racing Models 1950-57.
 350 c.c. '16M' and '16MS' 1945-55.
 350 c.c. '26' 1937-39.
 500 c.c. '8' and '9' 1936-39.
 990 c.c. Twin, '2' and '2A' 1936-39.
 500 c.c. '18' and '18T' 1937-55.
 500 c.c. '18S' 1949-55.

37144 MCR2—continued

A.J.W. 500 c.c. Twin 1949-50.
 ARIEL 250 c.c. 1936-39.
 350 c.c. 'NG' 1936-48.
 350 c.c. 'NH' 1936-48.
 500 c.c. 'VA' 1939.
 500 c.c. 'VG' 1936-48.
 500 c.c. 'KH' and 'KHA' 1948.
 500 c.c. 'KJ' 1948-49.
 550 c.c. 'VH' and 'VHA' 1936-48.
 600 c.c. 'VB' 1936-48.
 600 c.c. '4F' 'Square Four' 1936-39.
 1,000 c.c. 'Square Four' 1936-48.
 ATELIERS GILLET 250 c.c. 1946-48.
 500 c.c. 1948.
 BROUGH SUPERIOR All Models 1936-39.
 B.S.A. 250 c.c. 'B20', 'B21' and 'B22' 1937-39.
 250 c.c. 'C10' and 'C11' 1939-48.
 350 c.c. All Models 1937-49.
 500 c.c. 'A7' Twin and 'B33' 1946-49.
 500 c.c. 'M20' 1937-49.
 500 c.c. 'M22', 'M23' and 'M24' 1937-39.
 500 c.c. 'M33' 1948-49.
 600 c.c. 'M21' 1937-49.
 990 c.c. 'G14' 1937-39.
 COTTON All Models 1936-39.
 DOUGLAS 350 c.c. All Models 1947-49.
 ENFIELD 150 c.c. and 225 c.c. 1938-39.
 250 c.c. 'Bullet' 1938.
 250 c.c. 'B', 'S' and 'S2' 1936-39.
 350 c.c. Competition 1937.
 350 c.c. 'C' 1937-39.
 350 c.c. 'Bullet' 1938-49.
 350 c.c. 'G' 1936-49.
 500 c.c. 'JF' 1937-38.
 500 c.c. 'H' 1936-39.
 500 c.c. 'J2' 1938-49.
 570 c.c. 'L' 1937-39.
 1,140 c.c. 'K' 1936-39.
 EXCELSIOR 250 c.c. All Models 1936-39.
 JAMES All Models 1936-39.
 MAISON SAROLEA 350 c.c. 1947.
 500 c.c. 1948.
 MATCHLESS All Models 1936-39.
 350 c.c. and 500 c.c. Racing and Competition Models 1950-57.
 350 c.c. 'G3' 1945-55.
 500 c.c. 'G80' 1936-55.

37144 MCR2—continued

MONTGOMERY All Models 1939.
 NEW IMPERIAL All Models 1937-39.
 NORTON 350 c.c. '40 International' 1947-49.
 500 c.c. '16H' and '18' 1945-49.
 500 c.c. '30 International' 1945-49.
 500 c.c. 'ES2' 1945-49.
 600 c.c. 'Big Four' 1947-49.
 O.K. SUPREME All Models 1939.
 SCOTT Twin Cylinder 1937-48.
 SUNBEAM 500 c.c. 'S7' and 'S8' 1946-48.
 TRIUMPH 250 c.c. '2HC' 1938.
 350 c.c. '3SC' and '3SE' 1938.
 ZENITH 50° Twin 1948.
 37151 MCR2
 COTTON All Models 1948.
 ENFIELD 150 c.c. and 225 c.c. 1937.
 NORTON 350 c.c. 'CF' 1937-39.
 350 c.c. '40 International' 1937-39.
 350 c.c. '50' 1937-39.
 350 c.c. '55' 1936-39.
 500 c.c. '16H' and '18' 1937-39.
 500 c.c. '20' and 'CS1' 1936-39.
 500 c.c. '30 International' 1937-39.
 500 c.c. 'ES2' 1937-39.
 600 c.c. '19' 1936-39.
 600 c.c. 'Big Four' 1937-39.
 O.K. SUPREME All Models 1937-3.
 PANTHER 600 c.c. '100' 1946-48.
 SUNBEAM All Models 1936-39.
 TRIUMPH 500 c.c. 'ST' Twin 1938-39.
 250 c.c. '2HC' and 350 c.c. '3SC' and '3SB' 1939.
 250 c.c. '2H' and 'Tiger 70' 1937-39.
 350 c.c. '2H' and 'Tiger 80' 1937-39.
 350 c.c. '3T' De Luxe 1946-49.
 500 c.c. 'SH' and 'Tiger 90' 1937-39.
 500 c.c. 'Speed Twin' and 'Tiger 100' 1946-49.
 600 c.c. '6S' 1937-39.
 37223 MCR2
 A.J.S. 500 c.c. '20' Twin and 600 c.c. '30' Twin 1956-57.
 MATCHLESS 500 c.c. 'G9' 1956-57.
 600 c.c. 'G11' 1956-57.
 37224 MCR2
 A.J.S. 350 c.c. '16MS' and 500 c.c. '18S' 1956-57.
 MATCHLESS 350 c.c. 'G3' 1956-57.
 500 c.c. 'G80' 1956-57.

DETAILED SPARE PARTS

Ordering No. Model	*33018A/B MCR1	*33053A MCR1	37097A/B MCR2	37127A/E RB107	37127F/M RB107	37144A MCR2	37151A MCR2
§Cover	*390380	*390380	391454	335361	335682	391454	391454
Bracket, cover fixing	—	—	—	—	335464	—	—
§Clip or screw, cover fixing	390381	390381	391453	335544	126544	391453	391453
§Regulator LRT9/2	—	—	33109	—	—	33141	33141
Screw, adjusting	—	—	390794	390794	390794	390794	390794
Nut, adjusting screw	—	—	390529	390529	390529	390529	390529
Screw, regulator fixing	—	—	100384	—	—	100384	100384
Washer, regulator fixing screw	—	—	185038	—	—	185038	185038
Clamping plate	—	—	390387	335450	335450	390387	390387
§Screw, clamping plate fixing	—	—	132504	126544	126544	132504	132504
§Washer, plate fixing screw	—	—	—	185022	185022	—	—

Ordering No. Model	37223A MCR2	37224A MCR2	*390398 MCR	*390409 MCR	*390704 MCR1	*390706 MCR1
§Cover	391454	391454	*390380	*390380	*390380	*390380
Bracket, cover fixing	—	—	—	—	—	—
§Clip or screw, cover fixing	391453	391453	390381	390381	390381	390381
§Regulator LRT9/2	33109	33141	—	—	—	—
Screw, adjusting	390794	390794	—	—	—	—
Nut, adjusting screw	390529	390529	—	—	—	—
Screw, regulator fixing	100384	100384	—	—	—	—
Washer, regulator fixing screw	185038	185038	—	—	—	—
Clamping plate	390387	390387	—	—	—	—
§Screw, clamping plate fixing	132504	132504	—	—	—	—
§Washer, plate fixing screw	—	—	—	—	—	—

For illustrations, see page D1.

* See Supersession Chart—page D1

§ Recommended spares for stock