

CE825/64

This publication combines Spares List CE828 and incorporates NVS2082 and 2098 which should be destroyed



LUCAS

**QUALITY
EQUIPMENT AND
SPARE PARTS**

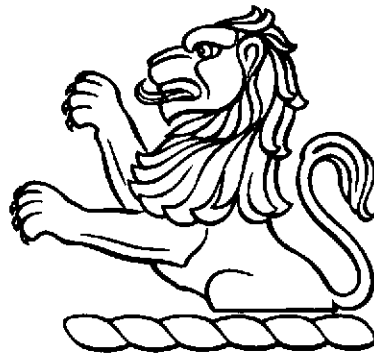
1964 - A.M.C.

**(A.J.S. — MATCHLESS — NORTON
FRANCIS BARNETT — JAMES)**

**JOSEPH LUCAS (Sales & Service) LIMITED
BIRMINGHAM 18 · ENGLAND**

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

A.J.S. & MATCHLESS MOTOR CYCLES

UNIT	See Page	A.J.S. 350 c.c. '16C' 'Experts' Matchless 350 c.c. 'G3C' 'Maestro'		A.J.S. 350 c.c. '16' 'Sceptre' 500 c.c. '18' 'Statesman' Matchless 350 c.c. 'G3' 'Mercury' 500 c.c. 'G80' 'Major'		Competition Models A.J.S. 500 c.c. '18CS' 'Southerner' Matchless 500 c.c. 'G80CS' 'Marksman'	
		Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	—	—	RM19	154021023	RM19	154021027
Stator	4	—	—	—	47181A	—	47162A
Rotor	4	—	—	—	54213901	—	54213901
AMMETER	4	—	—	2AR	36296A	2AR	36296A
BATTERY	—	—	—	PUZ7E-11	24082087	MLZ9E	154028263
CABLE HARNESS	7	—	—	—	54932308	—	154932304
COIL, IGNITION	4	—	—	MA6	45152A/B	—	—
CONTACT BREAKER, 500 c.c.	4	—	—	4CA	47615A	—	—
CONTACT BREAKER, 350 c.c.	4	—	—	4CA	47618A	—	—
HORN	6	—	—	8H	70163A/B	8H	170163A/B
HORN PUSH & DIPPER SWITCH	8	—	—	25SA	31563D	25SA	31563D
LAMPS							
Head							
Home and Export	5	—	—	MCH61	59171A	SS700P	158829A/B
Export Europe, not France	5	—	—	MCH61	59172A	—	—
Export France	5	—	—	MCH61	59173A	—	—
Stop tail, number plate and reflex	7	—	—	564	53432B	564	153432B
Stop tail, number plate and reflex	7	—	—	—	—	679	153972A/B
MAGNETO	6	NC1	*42347E (42371)	—	—	NC1	*42347E (42371)
RECTIFIER	4	—	—	2DS506	49072A	2DS506	149072A
SWITCHES							
Lighting	8	—	—	88SA	34289A	88SA	134289A
Knob (supplied separately)	8	—	—	—	54330934	—	54330934
Ignition	8	—	—	88SA	34427B	—	—
Cover (supplied separately)	8	—	—	—	54336178	—	—
Stop lamp	8	—	—	22B	31383A/B	22B	*31384B (54033235)
Spring	8	—	—	—	—	—	315543
REAR SUSPENSION UNIT (Served by Girling Ltd.)	—	—	4493(SB4)	—	4493(SB4)	—	4392(SB4)

UNIT	See Page	Competition Models A.J.S. 650 c.c. '31CSR' 'Hurricane' Matchless 650 c.c. 'G12CSR' 'Monarch' 12 Volt		Coil Ignition A.J.S. 650 c.c. '31' 'Swift' Matchless 650 c.c. 'G12' 'Majestic' 12 Volt		Optional Magneto Ignition A.J.S. 650 c.c. '31' 'Swift' Matchless 650 c.c. 'G12' 'Majestic' 12 Volt		Matchless 750 c.c. 'G15CS' and G15 MkII Export only 12 Volt	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	RM19	154021027	RM19	154021023	RM19	154021027	RM19	154021027
Stator	4	—	47162A	—	47181A	—	47162A	—	47162A
Rotor	4	—	54213901	—	54213901	—	54213901	—	54213901
AMMETER	4	2AR	36296A	2AR	36296A	2AR	36296A	2AR	36296A
BATTERY (2 off)	—	MKZ9E-2	54028050	MKZ9E-2	54028050	MKZ9E-2	54028050	MKZ9E-2	54028050
CABLE HARNESS	7	—	54935009	—	54934821	—	54935009	—	54935167
CABLE HARNESS	7	—	154935167	—	—	—	—	—	—
COIL, IGNITION (2 off)	4	—	—	MA12	45110A/D	—	—	—	—
CONTACT BREAKER	4	—	—	4CA	47617A	—	—	—	—
DIODE, ZENER	4	ZD715	49345A	ZD715	49345A	ZD715	49345A	ZD715	49345A
HORN	6	6H	70159B/D	6H	70159B/D	6H	70159B/D	6H	70159B/D
HORN PUSH & DIPPER SWITCH	8	25SA	31563D	25SA	31563D	25SA	31563D	25SA	31563D
LAMPS									
Head									
Home and Export	5	MCH61	1559252A	MCH61	59237A	MCH61	59252A	SS700P	59281A
Home and Export	5	SS700P	1559281A	—	—	—	—	—	—
Export Europe, not France	5	MCH61	59254A	MCH61	59238A	—	—	MCH61	59254A
Export France	5	—	—	MCH61	59239A	—	—	—	—
Stop tail, number plate and reflex	7	564	53454B	564	53454B	564	53454B	679	53973A/B
Stop tail, number plate and reflex	7	679	153973A/B	—	—	—	—	—	—
MAGNETO	6	K2F	*42264D (42413)	—	—	K2F	*42264D (42413)	K2F	*42264D (42413)
RECTIFIER	4	2DS506	49072A	2DS506	49072A	2DS506	49072A	2DS506	49072A
SWITCHES									
Cut-out	8	4A	76204D	—	—	4A	76204D	4A	76204D
Lighting	8	88SA	34289A	88SA	34289A	88SA	34289A	88SA	34289A
Knob (supplied separately)	8	—	54330934	—	54330934	—	54330934	—	54330934
Ignition	8	—	—	88SA	34427B	—	—	—	—
Cover (supplied separately)	8	—	—	—	54336178	—	—	—	—
Stop lamp	8	22B	31383A/B	22B	31383A/B	22B	31383A/B	22B	31383A/B
REAR SUSPENSION UNIT (Served by Girling Ltd.)	—	—	4493(SB4)	—	4493(SB4)	—	4493(SB4)	—	4590(SB4)

† For reference only, serviced by Rotor and Stator. * When ordering quote part number shown in brackets. † Optional for Home. § Export. || Home.

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

NORTON MOTOR CYCLES

UNIT	See Page	249 c.c. 'Jubilee' 349 c.c. 'Navigator'		400 c.c. 'ES400' Home 'Electra' U.S.A. 12 Volt		497 c.c. 'Dominator 885S' 647 c.c. 'Dominator 650SS' 12 Volt		650 c.c. 'Manxman' (U.S.A. only) 750 c.c. 'Atlas' 12 Volt	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	—	—	—	—	RM19	†54021027	RM19	†54021027
Stator	4	—	—	—	—	—	47162A	—	47162A
Rotor	4	—	—	—	—	—	54213901	—	54213901
AMMETER	4	—	—	—	—	2AR	36296A	2AR	36296A
BATTERY (2off)	7	—	—	—	—	MKZ9E-2	54028050	MKZ9E-2	54028050
CABLE HARNESS	7	—	—	—	—	—	°54932248	—	54932248
CABLE HARNESS	4	—	—	—	—	—	°54934995	—	54934995
DIODE, ZENER	4	—	—	—	—	ZD715	49345A	ZD715	49345A
HORN	6	8H	70163A/B	8H	70164A/B	6H	70159B/D	6H	70159B/D
HORN PUSH & DIPPER SWITCH	8	—	—	—	—	255A	31563D	255A	31563D
LAMPS									
Head	5	—	—	—	—	MCH61	59252A	5S700P	59281A
Home and Export, vertical dip	5	—	—	—	—	MCH61	59254A	—	—
Export Europe, except France	5	—	—	—	—	MCH61	59253A	—	—
Export France	5	—	—	—	—	564	53454B	564	53454B
Stop tail, number plate and reflex	7	564	53432B	564	53454B	—	—	—	—
Stop tail, number plate and reflex, U.S.A.	7	—	—	679	53973A/B	—	—	679	53973A/B
MAGNETO	6	—	—	—	—	K2FC	42368D	K2F	42368D
MAGNETO (later)	6	—	—	—	—	K2F	42379B/D	K2FC	42368D
MAGNETO (later)	6	—	—	—	—	K2F	42453A	K2F	42379B/D
MAGNETO (later)	6	—	—	—	—	—	—	K2F	42453A
AUTO ADVANCE UNIT	6	—	—	—	—	—	47508D	—	47508D
RECTIFIER	4	—	—	—	—	2DS506	49072A	2DS506	49072A
STARTER	4	—	—	M3	26509A	—	—	—	—
SWITCHES									
Lighting	8	—	—	—	—	885A	34289A	885A	34289A
Knob	8	—	—	—	—	—	†54330934	—	†54330934
Magneto	8	—	—	—	—	4A	76204D	4A	76204D
Stop lamp	8	—	—	—	—	22B	31383B	22B	31383B
Solenoid, starter	8	—	—	25T	76464E	—	—	—	—
REAR SUSPENSION UNIT	—	—	‡3939(SB3)	—	3939(SB3)	—	4423(SB3)	—	4423(SB3)
(Serviced by Girling Ltd.)	—	—	▼4359(SB3)	—	—	—	—	—	—

Norton 750cc 'N15' Export only — Equipment same as Matchless G15CS and G15 Mk11

FRANCIS-BARNETT MOTOR CYCLES

UNIT	See Page	'Plover'		'Fulmar' 'Sports Fulmar' 'Trials' and 'Scrambler'		'Cruiser' and 'Sports Cruiser'		'Falcon'	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
BATTERY	—	PUZ5E-1D	24082044	—	—	MLZ9E	54028263	MLZ9E	54028263
HORN	6	—	—	—	—	8H	70163A/B	8H	70163A/B
LAMPS									
Stop tail	7	—	—	—	—	** 529	53331A/B	529	53331A/B
REFLECTOR	8	—	—	—	—	**RER25	57124A	RER25	57124A
SUPPRESSOR	8	WS11	78118A	WS11	78118A	WS11	78118A	WS11	78118A
SWITCHES									
Stop lamp	8	—	—	—	—	** 22B	31511A/B	22B	31511A/B
REAR SUSPENSION UNIT	—	—	D3/201B	—	§ 4402(D4)	—	4060(SB3)	—	SB3/235AB
(Serviced by Girling Ltd.)	—	—	—	—	—	—	—	—	—

JAMES MOTOR CYCLES

UNIT	See Page	'Comet' 'Commando' and 'Cotswold'		'Cadet'		'Captain' 'Sports Captain' and 'Sports Superswift'		Scooter	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
BATTERY	—	—	—	PUZ5E-10	24082044	MLZ9E	54028263	MLZ9E	54028263
HORN	6	—	—	—	—	8H	70163A/B	8H	70163A/B
SUPPRESSOR	8	WS11	78118A	WS11	78118A	WS11	78118A	WS11	78118A
SWITCH									
Dip	8	99	††31549A/B (31482)	—	—	—	—	—	—
REAR SUSPENSION UNIT	—	—	††D3/201	—	D3/201	—	‡‡4198(SC3-8)	—	§4331(D4)
(Serviced by Girling Ltd.)	—	—	SB4/253A/D	—	—	—	◆4258(SC3-8)	—	4266(SC3-8)

† For reference only, serviced by Rotor and Stator. ° Europe and France. °° Home and Export. †† 'Atlas' only. ‡ Order separately. † 'Jubilee' only. ▼ 'Navigator' only. § Front Suspension unit. ††† 'Captain' and 'Sports Captain'. * When ordering quote part number shown in brackets. †††† 'Comet' only. ** 'Cruiser' only. ◆ 'Sports Superswift' only.



ALTERNATORS AND RECTIFIERS

Part No. ... Model ...	54021023 RM19	54021027 RM19
Rotor ...	54213901	54213901
Stator ...	47181A	47162A
Rectifier ...	49072A	49072A
Fixing nut ...	156594	156594

AMMETER

Part No. ... Model ...	36296A 2AR
Nut, terminal ...	166043
Washer, terminal ...	185040

COILS, IGNITION

Part No. ... Model ...	45110A/D MA12	45152B MA6
Grommet, rubber ...	421554	421554
Clip, cable contact ...	421863	421863
Nut, terminal ...	166043	166043
Connector, Lucar ...	54190108	54190108

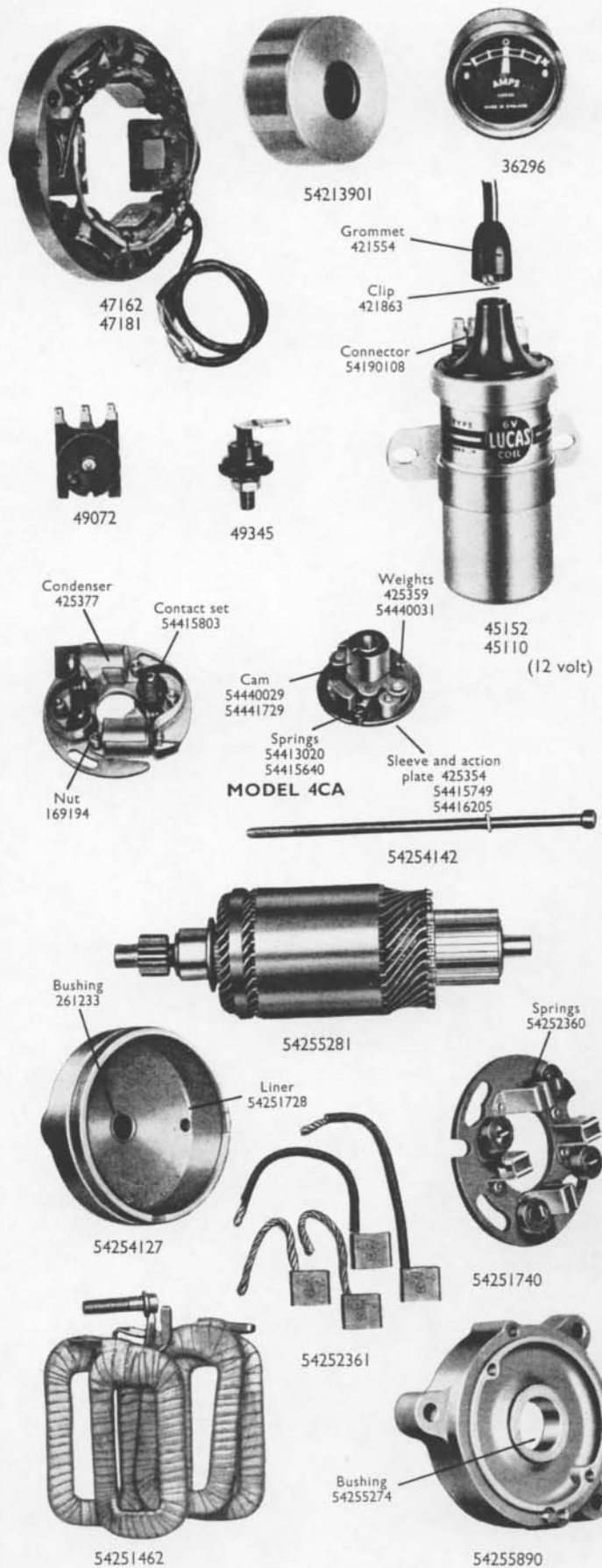
CONTACT BREAKER UNITS

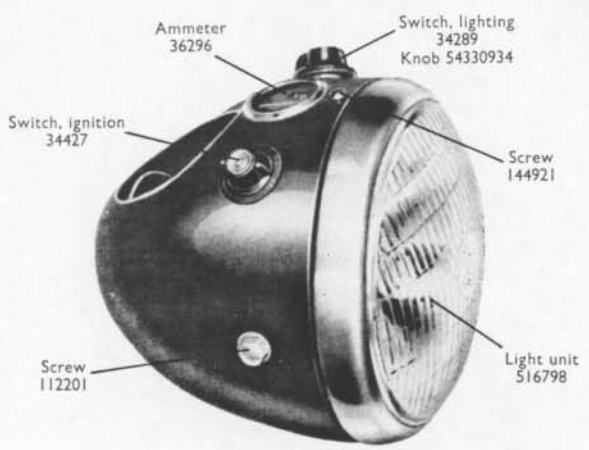
Part No. ... Model ...	47615A 4CA	47617A 4CA	47618A 4CA
Contact Set ...	54415803	54415803	54415803
Nut, fixing condenser angle plate ...	169194	169194	169194
Condenser ...	425377	425377	425377
Cam ...	54440029	54441729	54440029
Springs, auto advance (set of 2) ...	54415640	54413020	54413020
Weights, auto advance ...	54440031	425359	54440031
Sleeve, and action plate ...	54415749	425354	54416205

STARTING MOTOR

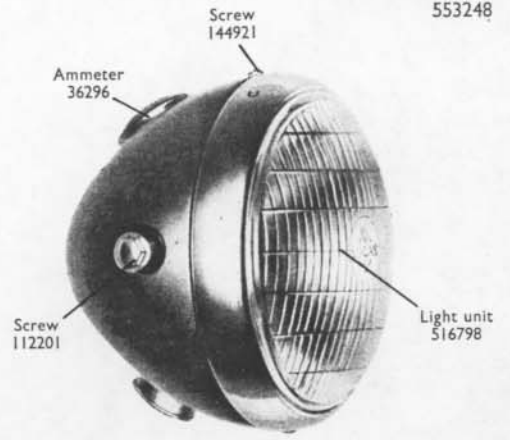
Part No. ... Model ...	26509A M3
Bolt, through fixing ...	54254142
Brushes, set ...	54252361
Bracket or frame, commutator ...	54254127
Bushing, bearing ...	261233
Liner, insul C.E. ...	54251728
Plate, with brushes, boxes and springs ...	54251740
Springs, set, brush tension ...	54252360
Bracket D.E. ...	54255890
Bushing, D.E. bracket ...	54255274
Armature ...	54255281
Coils, field, set ...	54251462
Sundry parts set, ...	54252417

† For reference only, serviced by Rotor and Stator.





MODEL MCH61



MODEL SS700P

HEADLAMPS

Part No.	...	...	...	59171A	59172A	59237A 59252A MCH61
Model	...	...	...	MCH61	MCH61	MCH61
Rim or door	...	...	...	553248	553248	553248
Wire, fixing light unit	...	...	...	504665	504665	504665
Screw, fixing rim	...	...	...	144921	144921	144921
Ammeter (see page 4 for details)	...	...	...	36296	36296	36296
Switch, lighting (see page 8 for details)	...	...	...	34289	34289	34289
Knob, with screw, switch	...	...	...	54330934	54330934	54330934
Screw, fixing knob	...	...	...	101371	101371	101371
Switch, ignition (see page 8 for details)	...	...	...	34427	34427	*34427
Key, ignition	...	...	...	54336176	54336176	*54336176
Light unit	...	...	...	516798	555275	516798
Bulbholder, main	...	...	...	554602	554602	554602
Sleeve, terminal	...	...	...	555910	555910	555910
Bulbholder, pilot	...	...	...	554710	554710	554710
Interior, bulbholder	...	...	...	553780	553780	553780
Ring, seating bulbholder	...	...	...	554354	554354	554354
Washer, cable grip	...	...	...	516285	516285	516285
Bush, rubber	...	...	...	505980	505980	505980
Grommet, trip cable	...	...	...	199001	199001	199001
Screw, fixing lamp	...	...	...	112201	112201	112201
Bulb, main	...	...	...	312	403	446
Bulb, pilot	...	...	...	988	988	989

Part No.	...	...	...	59238A 59254A MCH61	59173A MCH61	59239A 59253A MCH61
Model	...	...	...	MCH61	MCH61	MCH61
Rim or door	...	...	...	553248	553248	553248
Wire, fixing light unit	...	...	...	504665	504665	504665
Screw, fixing rim	...	...	...	144921	144921	144921
Ammeter (see page 4 for details)	...	...	...	36296	36296	36296
Switch, lighting (see page 8 for details)	...	...	...	34289	34289	34289
Knob, with screw, switch	...	...	...	54330934	54330934	54330934
Screw, fixing knob	...	...	...	101371	101371	101371
Switch, ignition (see page 8 for details)	...	...	...	34427	34427	†34427
Key, ignition	...	...	...	54336176	544336176	†544336176
Light unit	...	...	...	555275	516802	516802
Bulbholder, main	...	...	...	554602	—	—
Sleeve, terminal	...	...	...	555910	—	—
Backshell	...	...	...	—	552943	552943
Bulbholder	...	...	...	—	562303	562303
Sleeve, terminal	...	...	...	—	555910	555910
Bulbholder, pilot	...	...	...	554710	554710	554710
Interior, bulbholder	...	...	...	553780	553780	553780
Ring, seating bulbholder	...	...	...	554354	554354	554354
Washer, cable grip	...	...	...	516285	516285	516285
Bush, rubber	...	...	...	505980	505980	505980
Grommet, trip cable	...	...	...	199001	199001	199001
Screw, fixing lamp	...	...	...	112201	112201	112201
Bulb, main	...	...	...	370	—	—
Bulb, main (59254A)	...	...	...	350	—	—
Bulb, pilot	...	...	...	989	988	989

Part No.	...	...	...	...	58829B SS700P	59281A SS700P
Model	...	...	...	...	SS700P	SS700P
Rim or door	...	...	...	...	553248	553248
Wire, fixing	...	...	...	...	504665	504665
Screw, fixing rim	...	...	...	...	144921	144921
Ammeter (see page 4 for details)	...	...	...	...	36296	36296
Light unit	...	...	...	...	516798	516798
Bulbholder, main	...	...	...	...	554602	554602
Sleeve, terminal	...	...	...	...	555910	555910
Bulbholder, pilot	...	...	...	...	554710	554710
Interior, pilot	...	...	...	...	553780	553780
Ring, seating bulbholder	...	...	...	...	554354	554354
Screw, fixing lamp	...	...	...	...	112201	112201
Grommet, cable	...	...	...	...	199002	—
Connector, single	...	...	...	...	900288	—
Screw, fixing plug	...	...	...	...	133303	—
Nipple, cable	900269	—
Bulb, main	312	446
Bulb, pilot	988	989

†59238A Only †59239A Only *59237A Only

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MAGNETOS

Part No.	42264D	42347E	42368D
Model	K2F	NC1	K2FC
Pick-up	—	456794	458876
Pick-up, right hand	...	...	...	...	458367	—	—
Pick-up, left hand	...	...	...	...	458368	—	—
Brush and spring	...	...	...	...	451260	451260	451260
Nut, moulded, high tension cable	...	...	...	...	410600	410600	410600
Cover, contact breaker	...	...	...	...	458619	459199	459205
Brush and spring, ignition cut-out	...	...	...	...	—	—	455190
Contact breaker	...	...	...	...	492854	492854	492854
Contact set	...	...	...	...	54440888	54440888	54440888
Control parts, set, advance and retard	...	...	...	...	463107	459305	—
Plate, housing contact breaker...	...	...	...	...	458726	459313	493716
Cup insulating breaker	...	...	...	...	451379	463932	463932
Cam	...	...	...	...	458725	459321	459130
Armature	...	...	...	...	459004	493176	459376
Slip ring	...	...	...	...	455361	464277	456727
Nut, securing gear to shaft	...	...	...	...	170109	170109	170109
Bearing, contact breaker end	...	...	...	...	189291	189294	189294
Bearing, drive end	...	...	...	...	189244	189294	189244
Seal, oil, bearing	...	...	...	...	459002	459033	459002
Cup, insulating drive end bearing	...	...	...	...	459005	463932	459005
Brush, spring, holder earthing	...	...	...	...	455191	455191	455191
Brush and spring earthing	...	...	...	...	455190	455190	455190
Sundry parts, set	...	...	...	...	458675	454697	458675

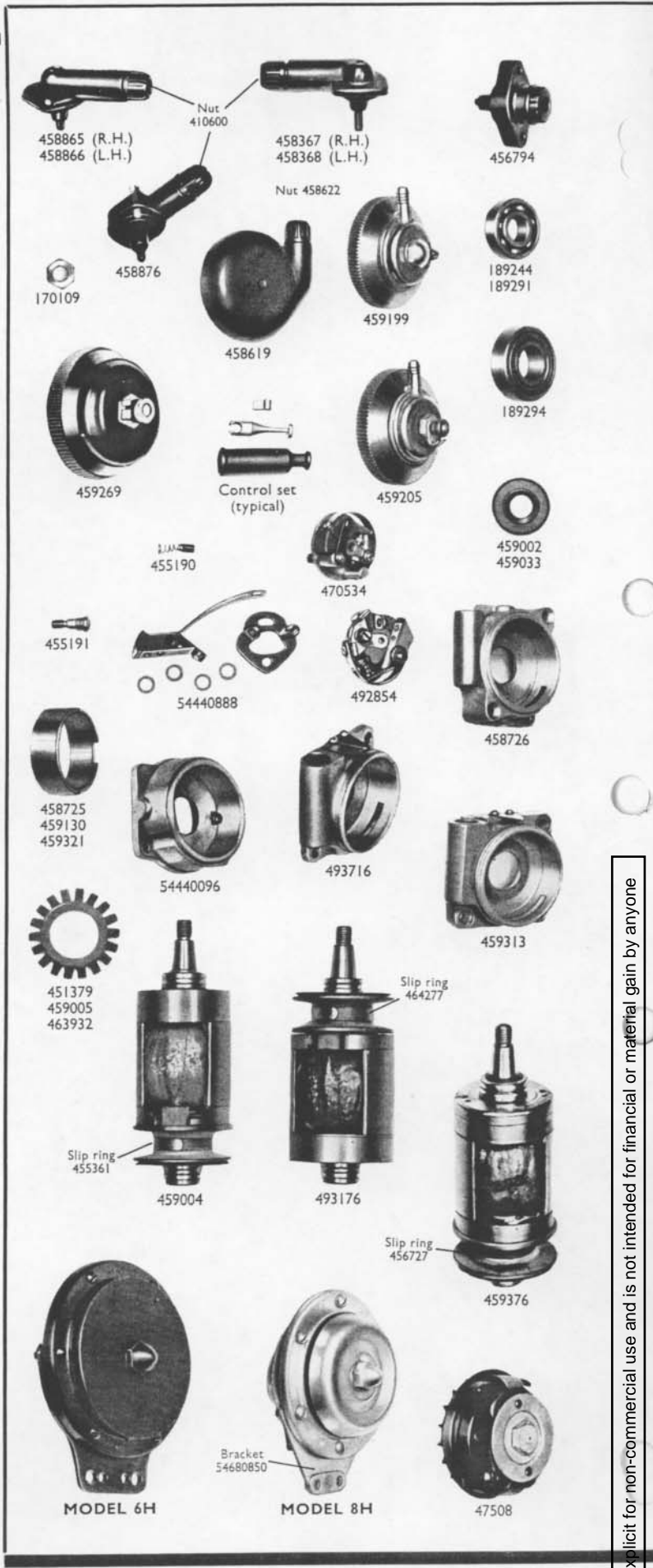
Part No.	...	...	...	...	42379D	42452A	42453A
Model	...	...	...	...	K2F	K2F	K2F
Pick-up, right hand	...	...	...	...	458865	458367	458367
Pick-up, left hand	...	...	...	...	458866	458368	458368
Brush and spring	...	...	...	...	451260	451260	451260
Nut, moulded, high tension cable	...	...	...	...	410600	410600	410600
Cover, contact breaker	...	...	...	...	459269	458619	459269
Brush and spring, ignition cut-out	...	...	...	...	455190	—	455190
Contact breaker	...	...	...	...	492854	492854	492854
Contact set	...	...	...	...	54440888	54440888	54440888
Plate, housing contact breaker	...	...	...	...	54440096	458726	54440096
Cup insulating breaker	...	...	...	...	451379	451379	451379
Cam	...	...	...	...	459130	459130	459130
Armature	...	...	...	...	459004	459004	459004
Slip ring	...	...	...	...	455361	455361	455361
Nut, securing gear to shaft	...	...	...	...	—	170109	—
Bearing, contact breaker end	...	...	...	...	189291	189291	189291
Bearing, drive end	...	...	...	...	189244	189244	189244
Seal, oil, bearing	...	...	...	...	459002	459002	459002
Cup, insulating drive end bearing	...	...	...	...	459005	459005	459005
Brush, spring, holder earthing	...	...	...	...	455191	455191	455191
Brush and spring earthing	...	...	...	...	455190	455190	455190
Sundry parts set	...	...	...	...	458675	458675	458675

AUTO ADVANCE UNIT

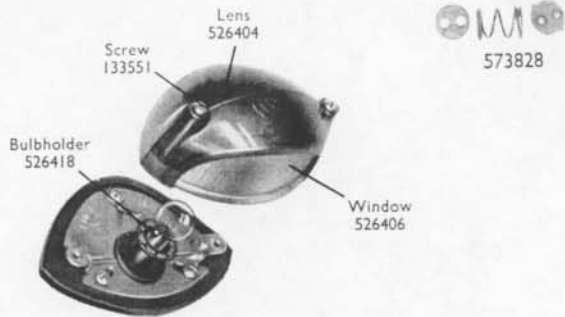
Part No.	...	...	...	...	...	...	47508D
Spring, set	...	...	...	...	...	...	498157

HORNS

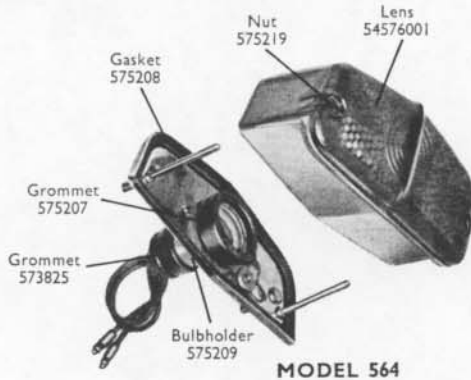
Part No.	70159B/D	70163A/B
Model	6H	70164A/B 8H
Bracket	—	54680850
Sundry parts set	—	54681085



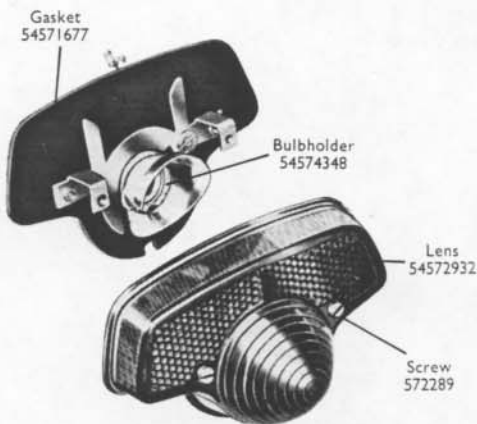
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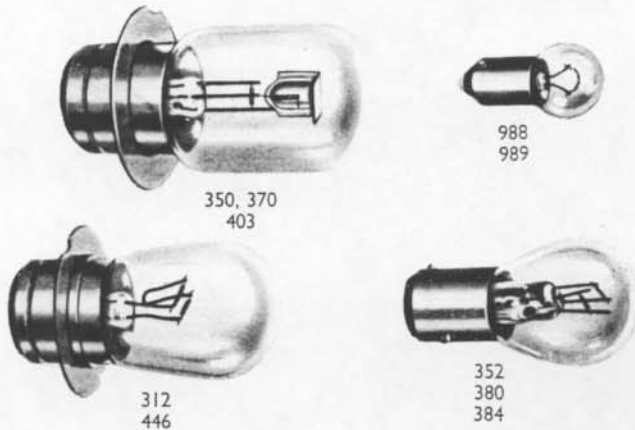
MODEL 529



MODEL 564



MODEL 679



STOP TAIL, REFLEX AND NUMBER PLATE LAMPS

Part No. Model	53331A/B 529	53432B 564	53454B 564
Lens	526404	54576001	54576001
Window	526406	—	—
Screw, fixing lens	133551	—	—
Nut, barrel, fixing lens	—	575219	575219
Gasket, seating lens	—	575208	575208
Grommet, bulbholder	—	575207	575207
Bulbholder	526418	575209	575209
Interior, bulbholder	573828	573828	573828
Grommet, cable entry	—	573825	573825
Bulb	352	384	380

Part No. Model	53972A/B 679	53973A/B 679
Lens	54572932	54572932
Screw, fixing lens	572289	572289
Bulbholder, with reflector	54574348	54574348
Interior, bulbholder	573828	573828
Gasket, seating lamp	54571677	54571677
Bulb	384	380

BULBS

Part No.	Volt	Watts	Description
312	6	30/24	Transverse, vertical dip
350	12	35/35	Transverse, vertical dip
352	6	18/3	Transverse, offset pin
370	12	45/40	Transverse, vertical dip
380	12	21/6	Transverse, offset pin
384	6	18/6	Transverse, offset pin
403	6	35/35	Bow, hooded axial
446	12	50/40	Transverse, vertical dip
988	6	3	Coil, miniature bayonet cap
989	12	6	Coil, miniature bayonet cap

CABLE HARNESSES

Part No.	54932248 54932304 54932308	54934821 54934995 54935009 54935167	54935175
Nipple	900269	900269	900269
Lucar connector (17.5 amp)	54942078	900288	900288
Lucar connector (17.5 amp double)	54942747	54942078	54942078
Lucar connector (35 amp)	—	54942747	54942747
Connector tube (2-way)	900288	54942079	54942079
Connector tube (4-way)	—	850641	850641



MAGNETO CUT-OUT SWITCH

Part No.	...	...	...	...	...	...	...	...	76204D
Model	...	...	...	...	...	...	...	...	4A
Screw, terminal	...	...	...	...	...	...	...	...	119520
Screw, fixing	...	...	...	...	...	...	...	...	135480
Nut, fixing	...	...	...	...	...	...	...	...	153491

LIGHTING SWITCH

Part No.	...	...	...	...	...	...	...	...	34289A
Model	...	...	...	...	...	...	...	...	88SA
Knob with screw	...	...	...	...	...	...	...	...	†54330934
Screw, fixing	...	...	...	...	...	...	...	...	319333
Socket with cables	...	...	...	...	...	...	...	...	†54930007

HORN PUSH AND DIPPER SWITCH

Part No.	...	...	...	...	...	...	...	...	31563D
Model	...	...	...	...	...	...	...	...	25SA
Screw, terminal	...	...	...	...	...	...	...	...	120610

IGNITION SWITCH

Part No.	...	...	...	...	...	...	...	...	34427B
Model	...	...	...	...	...	...	...	...	88SA
Key	...	...	...	...	...	...	...	...	54336176
Cover, nut fixing	...	...	...	...	...	...	...	...	54336178
Socket with cables	...	...	...	...	...	...	...	...	†54930008

STOP LAMP SWITCH

Part No.	...	...	...	...	...	...	...	31384B	31383B
Model	...	...	...	...	...	...	...	22B	31511B
Spring	...	...	...	...	...	...	...	315543	—

DIPPER SWITCH

Part No.	...	...	...	...	...	...	...	...	31549A/B
Model	...	...	...	...	...	...	...	...	99
Screw, fixing	...	...	...	...	...	...	...	...	121964

STARTER SOLENOID SWITCH

Part No.	...	...	...	...	...	...	...	...	76464A/E
Model	...	...	...	...	...	...	...	...	25T
Nut, terminal	...	...	...	...	...	...	...	...	166019
Washer, spring, terminal	...	...	...	...	...	...	...	...	185040
Cap, end rubber	...	...	...	...	...	...	...	...	763119

REFLEX REFLECTOR

Part No.	...	...	...	...	...	...	...	...	57124A
Model	...	...	...	...	...	...	...	...	RER25
Rim, reflex	...	...	...	...	...	...	...	...	54570241

† Order separately

