



LUCAS

**QUALITY
EQUIPMENT AND
SPARE PARTS**

1965 - TRIUMPH
SCOOTERS & MOTOR CYCLES

JOSEPH LUCAS (Sales & Service) LIMITED
BIRMINGHAM 18 • ENGLAND

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	See Page	173 c.c. TS1 Tigress, 6 volt 250 c.c. TW2 Tigress, 6 volt		250 c.c. TW25 Tigress, 12 volt		200 c.c. T20 'Tiger Cub'	
		Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	5AF	047540	5AF	54021000	RM18	54021025
BATTERY	—	MLZ9E	*54028263	MLZ9E (2 off)	54028263	PUZ5E-11	24082094
CABLE HARNESS	7	—	54934998	—	54941657	—	54934996
COIL, IGNITION	4	MA6	45152B	MA12	45101A	MA6	45152A/B
CONTACT BREAKER	4	4CA	47583B	4CA	47583B	4CA	47615A
HORN	7	8H	*70166B (54068070)	8H	*70177A (54068071)	8H	70169B
HORN PUSH AND DIPPER SWITCH	7	—	—	—	—	255A	31563D
LAMPS							
Driving (formerly Head)	5	MCF575P	58975A	MCF575P	58421D	MCF575P	58975A/B
Home and Export (vertical dip)	5	MCF575P	58976A	MCF575P	58422D	MCF575P	58976A/B
Export Europe, except France	5	—	—	MCF575P	58423D	MCF575P	58977A/B
Export France	5	—	—	MCF575P	58424B	MCF575P	59004A/B
Export U.S.A.	6	MCF575	59004A	MCF575	58424B	MCF575	59004A/B
Stop tail and number plate	6	564	53432B/D	564	53454B/D	564	53394B/D
Stop tail and number plate, U.S.A.	6	679	53972A/B	—	—	679	53972A/B
RECTIFIER	4	2DS506	49072A	2DS506	49072A	2DS506	49072A
STARTING MOTOR	6	—	—	M3	*26501E (54025006)	—	—
SUPPRESSOR	7	W55	78106A	W55	78106A	—	—
SWITCHES							
Ignition	7	88SA	34427A/B	88SA	34427A/B	88SA	34427A/B
Knob or cover	7	—	5433630B	—	5433630B	—	5433617B
Escutcheon plate	7	—	—	—	—	—	54330576
Lighting	7	88SA	34289A	88SA	34289A	88SA	34289A
Knob	7	—	54331482	—	54331482	—	54330934
Escutcheon plate	7	—	—	—	—	—	54330576
Starting motor	7	—	—	45A	*76463A (76442)	—	—
Stop lamp	7	22B	*31437B (54033234)	22B	*31437B (54033234)	22B	*31437B (54033234)
Spring	7	—	—	—	—	—	31573B
WARNING LIGHT	6	WL13	38198E	WL13	*38197E (38145)	—	—
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	—	—	3950 (SB4)	—	3950 (SB4)	—	3112

UNIT	See Page	200 c.c. T20SH Sports Cub		200 c.c. T20SS, T20SM TR20 and TS20 (E.T. Ignition)		350 c.c. T90 Tiger 500 c.c. T100 Tiger	
		Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	RM18	54021025	RM19	54021039	RM19	54021027
AMMETER	4	—	—	—	—	2AR	36296A
BATTERY	—	PUZ5E-11	24082094	—	—	MLZ9E	54028263
CABLE HARNESS	7	—	54933224	—	†54932326	—	54936415
COIL, IGNITION	4	MA6	45152A/B	3ET	45149B	MA6	45152A/B
CONTACT BREAKER	4	4CA	47615A	4CA	47603B	4CA	47605B
FUSE ASSEMBLY	7	—	—	—	—	—	54935477
HORN	7	8H	70163A/D	—	—	8H	70163A/D
HORN PUSH	7	4A	76204D	—	—	—	—
HORN PUSH AND DIPPER SWITCH	7	—	—	—	—	255A	31563D
LAMPS							
Driving (formerly Head)	5	MCH66	58935B	MCH56	†58395B	55700P	58834A
Home and Export (vertical dip)	6	564	53394D	564	†53432B/D	564	53432B/D
Stop tail and number plate	6	—	—	564	†53394B	—	—
Stop tail and number plate U.S.A.	6	679	53972B	—	—	679	53972B
RECTIFIER	4	2DS506	49072A	—	—	2DS506	49072A
SWITCHES							
Dipper	7	PS9	*31620B	PS9	*31620B	—	—
Engine cut-out	7	—	—	4A	76204D	—	—
Ignition	7	88SA	34427A/B	—	—	88SA	34427A
Knob or cover	7	—	5433617B	—	—	—	5433617B
Escutcheon plate	7	—	54330576	—	—	—	54330576
Lighting	7	88SA	34289A	PS6	*31356A/B	88SA	34289A
Knob	7	—	54330934	—	—	—	54330934
Escutcheon plate	7	—	54330576	—	—	—	54330576
Stop lamp	7	22B	*31437B (54033234)	22B	†*31437B (54033234)	22B	31383A
Spring	7	—	31573B	—	—	—	—
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	—	—	3112	—	3112	—	3946 (SB3)

**Only these items are fitted to the TS1
†T20SS and T20SM only

*When ordering, quote part number shown in brackets
†T20SS only ‡T20SM Optional

*Part of Headlamp

EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	See Page	350 c.c. 3TA Twenty-One 500 c.c. 5TA Speed Twin		500 c.c. T100SC 'Tiger' Export Only		650 c.c. 6T 'Thunderbird' 12 volt		650 c.c. 'T120' 'Bonneville' 650 c.c. 'TR6' 'Trophy'	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	4	RM19	54021027	RM19	54021079	RM19	54021027	RM19	54021027
AMMETER	4	2AR	36296A	—	—	2AR	36296A	2AR	36296A
BATTERY	—	MLZ9E	54028263	—	—	MKZ9E-2 (2 off)	54028050	MLZ9E	54028263
CABLE HARNESS	7	—	54933695	—	54937097	—	54934815	—	54936415
COIL, IGNITION	4	MA6	45152A/B	3ET (L.H.) 3ET (R.H.)	45150A 45149B	MA12	45110D	MA6	45152A/B
CONTACT BREAKER	4	4CA	47605B	4CA	47602B	4CA	47605B	4CA	47605B
DIODE ZENER	4	—	—	—	—	ZD715	49345	—	—
FUSE ASSEMBLY	7	—	54935477	—	—	—	54935477	—	54935477
HORN	7	8H	70163A/D	—	—	8H	70164D	8H	70163A/D
HORN PUSH AND DIPPER SWITCH	7	255A	31563D	—	—	255A	31563D	255A	31563D
LAMPS									
Driving (Formerly Head)									
Home and Export (Vertical Dip)	5	—	—	MCH66	58395B/F	MCF700P	59176A	SS700P	58934A
Home and Export (Left Hand Dip)	5	MCF700P	51860B	—	—	—	—	—	—
Export Europe, except France	5	MCF700P	51757D	—	—	MCF700P	59177A	—	—
Export France	5	MCF700P	51758B/E	—	—	MCF700P	59178A/B	—	—
Export U.S.A.	5	MCF700P	51756E	—	—	—	—	—	—
Stop tail and number plate	6	564	53432B/D	564	53432B/D	564	53454B/D	564	53432B/D
Stop tail and number plate (U.S.A.)	6	679	53972B	679	53972B	679	53973A/B	679	53972B
RECTIFIER	4	2DS506	49072A	—	—	2DS506	49072A	2DS506	49072A
SWITCHES									
Dipper	7	—	—	PS9	*31620B	—	—	—	—
Engine Cut-out	7	—	—	SS5	*31071D (31107)	—	—	—	—
Ignition	7	88SA	34427A/B	—	—	88SA	34427A	88SA	34427A
Knob or cover	7	—	54336178	—	—	—	54336178	—	54336178
Escutcheon plate	7	—	54330576	—	—	—	54330576	—	54330576
Lighting	7	88SA	34289A	PS6	*31356A/B	88SA	34289A	88SA	34289A
Knob	7	—	54330934	—	—	—	54330934	—	54330934
Escutcheon plate	7	—	54330576	—	—	—	54330576	—	54330576
Stop lamp	7	22B	31383A	22B	*31437B (54033234) 31573B	22B	*31437B (54033234) 31573B	22B	*31437B (54033234) 31573B
Spring	7	—	—	—	—	—	—	—	—
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	—	—	3964 (SB3) 54200 (SB3)	—	4164 (SB3)	—	4506 (SB4)	—	4506 (SB4)

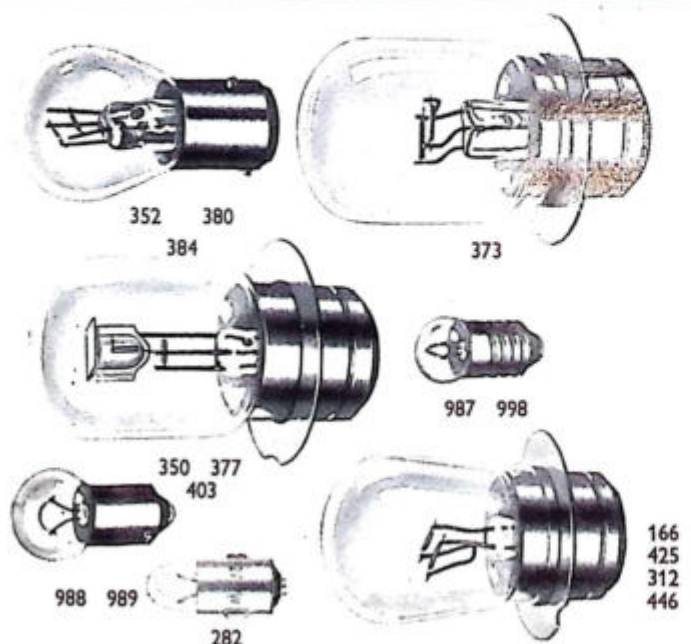
*When ordering, quote part number shown in brackets

*Part of Driving Lamp

†STA only

‡When ET condition, Alternator, Coils, Cut-out, Cable Harness, Driving Lamp and Lighting Switch as for T100SC

BULBS



Part No.	Volts	Watts	Contact	Filament
166	6	24/24	B.P.F.	Transverse, vertical dip
282	6	-6	M.B.	Coil
312	6	30/24	B.P.F.	Transverse, vertical dip
350	12	35/35	B.P.F.	Transverse, vertical dip, Duplo
352	6	18/3	S.B.C.	Transverse
373	6	30/24	offset pin B.P.F.	Transverse, dip left
377	6	25/25	B.P.F.	Hooded Duplo, vertical dip
380	12	21/6	S.B.C.	Transverse
384	6	18/6	offset pin S.B.C.	Transverse
403	6	35/35	offset pin B.P.F.	Transverse
425	12	24/24	B.P.F.	Bow and Hooded Axial, Duplo, vertical dip
446	12	50/40	B.P.F.	Transverse, vertical dip
987	12	2-2	M.E.S.	Coil
988	6	3	M.C.C.	Coil
989	12	6	M.C.C.	Coil
998	6	1 amp	M.E.S.	Coil

B.P.F. British Pre-Focus
M.C.C. Miniature Centre Contact

S.B.C. Small Bayonet Cap
M.B. Miniature Bayonet
M.E.S. Miniature Edison Screw Cap



ALTERNATORS & RECTIFIERS

Part No. Model	...	...	...	†047540B SAF	†54021000 SAF	†54021025 RM18
Rotor	...	...	...	54210940	54210946	54213903
Stator	...	...	...	47136	47135	47161
Rectifier	...	...	...	†49072A	†49072A	†49072A
Fixing nut	...	...	...	†156594	†156594	†156594

Part No. Model	...	...	...	†54021039 RM19	†54021027 RM19	†54021079 RM19
Rotor	...	...	...	54212006	54213901	54213901
Stator	...	...	...	47173	47162	47188
Rectifier	...	...	...	—	†49072A	—
Fixing nut	...	...	...	—	†156594	—

AMMETER

Part No. Model	...	...	...	...	...	36296A 2AR
Screw or nut, terminal	...	...	...	...	...	166043
Washer, terminal	...	...	...	...	...	185040

CONTACT BREAKER UNITS

Part No. Model	...	...	...	47583B 4CA	47602B 4CA	47603B 4CA
Contact set	...	...	...	54415893	54415803	54415803
Condenser	...	...	...	425377	425377	425377
Cam	...	...	...	54440029	54415473	54415053
Springs, auto-advance	...	...	...	54413020	54415641	54415640
Weights, auto-advance	...	...	...	54440031	425359	54440031
Sleeve and action plate	...	...	...	54440032	54415747	54415749
Nut, fixing condenser angle plate	...	...	...	169194	169194	169194
Plate contact breaker base	...	...	...	425370	425370	425370

Part No. Model	...	...	...	...	47605B 4CA	47615A 4CA
Contact	...	...	...	...	54415803	54415803
Condenser	...	...	...	...	425377	525377
Cam	...	...	...	...	54441729	54440029
Springs, auto-advance	...	...	...	...	54415642	54415640
Weights, auto-advance	...	...	...	...	425379	54440031
Sleeve and action plate	...	...	...	...	54415751	54415749
Nut, fixing condenser angle plate	...	...	...	...	169194	169194
Plate contact breaker base	...	...	...	...	425370	425370

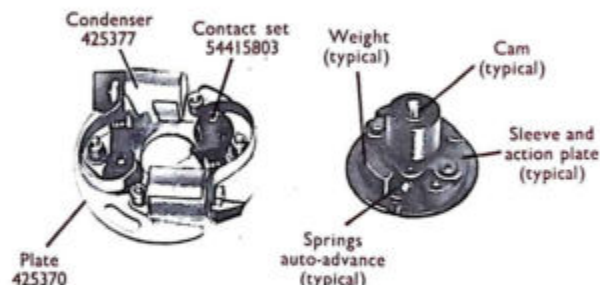
IGNITION COILS

Part No. Model	...	...	...	45101A MA12	45152A/B MA6	45110A/D MA12
Grommet, rubber	...	...	...	421554	421554	421554
Clip, cable contact	...	...	...	421863	421863	421863
Connector, Lucar	...	...	...	—	54190108	54190108
Nut, terminal	...	...	...	166043	166043	166043

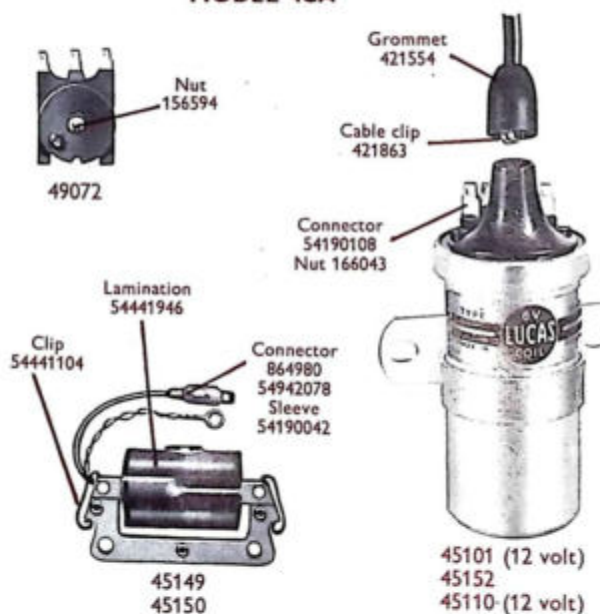
Part No. Model	...	...	...	...	45149B 3ET	45150A 3ET
Clip, retaining coil	...	...	...	...	54441104	54441104
Lamination	...	...	...	...	54441946	54441946
Connector, double male Lucar	...	...	...	...	864980	864980
Connector, female Lucar	...	...	...	...	54942078	54942078
Sleeve, Lucar	...	...	...	...	54190042	54190042

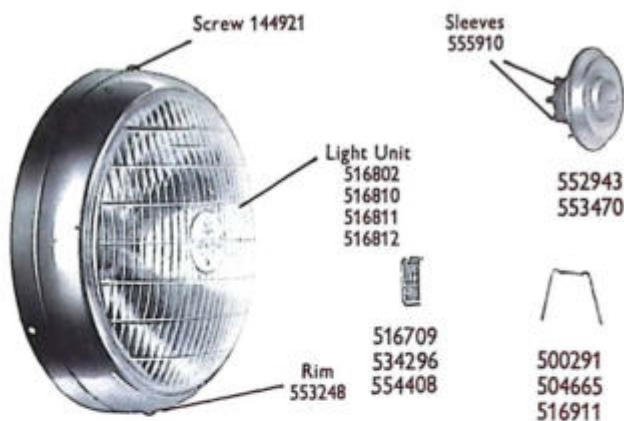
†For reference only, serviced by Rotor and Stator

‡Order separately

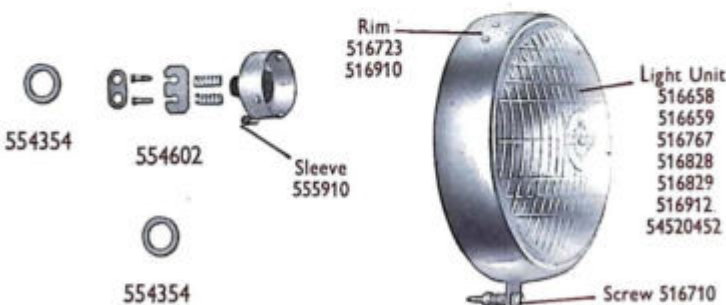


MODEL 4CA





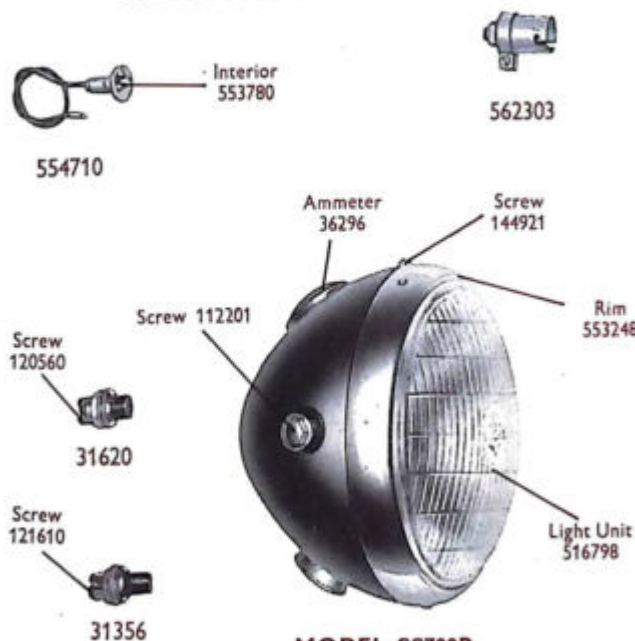
MODEL MCF700P



**MODEL MCF575
& MCF575P**



MODEL MCH66



MODEL SS700P

DRIVING LAMPS

Part No. Model	51756E MCF700P	51757D MCF700P	51758B/E MCF700P	51860B MCF700P
Rim or door	553248	553248	553248	553248
Wire, fixing light unit	504665	504665	504665	504665
Screw, fixing rim	144921	144921	144921	144921
Plate, fixing rim	554408	554408	554408	554408
Ring, fixing	553267	553267	553267	553267
Light unit	516810	516811	512802	516812
Backshell	—	—	552943	—
Bulbholder, main	554602	554602	562303	554602
Sleeve, terminal	555910	555910	555910	555910
Bulbholder, pilot	554710	554710	554710	554710
Interior, pilot bulbholder	553780	553780	553780	553780
Ring, rubber seating	554354	554354	554354	554354
Bulb, main	312	403	—	373
Bulb, pilot	988	988	988	988

Part No. Model	583958/F MCH66	59421D MCF575P	58422D MCF575P	58423D MCF575P
Rim or door	534343	516723	516723	516910
Wire, fixing light unit or reflector	504665	500291	500291	516911
Screw, fixing rim	144921	516710	516710	516710
Plate, fixing rim	534296	516709	516709	516709
Switch, lighting	*31356	—	—	—
Switch, dip	*31620	—	—	—
Light unit	54520452	516767	516658	516912
Backshell	—	—	—	553470
Bulbholder, main	554602	554946	554946	562303
Sleeve, terminal	555910	555910	555910	555910
Bulbholder, pilot	—	554710	554710	554710
Interior, pilot bulbholder	—	553780	553780	553780
Ring, rubber seating	—	554354	554354	554354
Screw, fixing lamp	112201	—	—	—
Grommet, cable entry	199003	—	—	—
Bulb, main	166	425	350	—
Bulb, pilot	—	989	989	989

Part No. Model	58424B MCF575	58934A SS700P	58935A MCH66	58975A/B MCF575P
Rim or door	516723	553248	534343	516723
Wire, fixing light unit or reflector	500291	504665	504665	500291
Screw, fixing rim	516710	144921	144921	516710
Plate, fixing rim	516709	534296	534296	516709
Ammeter (See page 4 for detail)	—	36296	—	—
Switch, dip	—	—	*31620	—
Light unit	516659	516798	516828	516828
Bulbholder, main	554946	554602	554602	554602
Sleeve, terminal	555910	555910	555910	555910
Bulbholder, pilot	—	554710	554710	554710
Interior, pilot bulbholder	—	553780	553780	553780
Ring, rubber seating	—	554354	554354	554354
Screw, fixing lamp	—	112201	—	—
Bulb, main	425	312	166	312
Bulb, pilot	—	988	988	988

Part No. Model	58976A/B MCF575P	58977A/B MCF575P	59004A/B MCF575
Rim or door	516723	516910	516723
Wire, fixing light unit	500291	516911	500291
Screw, fixing rim	516710	516710	516710
Plate, fixing rim	516709	516709	516709
Light unit	516829	516912	54520452
Backshell	—	553470	—
Bulbholder, main	554602	562303	554602
Sleeve, terminal	555910	555910	555910
Bulbholder, pilot	554710	554710	554710
Interior, pilot bulbholder	553780	553780	553780
Ring, rubber seating	554354	554354	554354
Bulb, main	377	—	312
Bulb, pilot	988	988	—

Part No. Model	59176A MCF700P	59177A MCF700P	59178A/B MCF700P
Rim or door	553248	553248	553248
Wire, fixing light unit	504665	504665	504665
Screw, fixing rim	144921	144921	144921
Plate, fixing rim	554408	554408	554408
Ring, fixing	553267	553267	553267
Light unit	516810	516811	516802
Backshell	—	—	552943
Bulbholder, main	554602	554602	562303
Sleeve, terminal	555910	555910	555910
Bulbholder, pilot	554710	554710	554710
Interior, pilot bulbholder	553780	553780	553780
Ring, rubber seating	554354	554354	554354
Bulb, main	446	350	—
Bulb, pilot	989	989	989

*See page 7 for details



REAR LAMPS

Part No. Model ...	53394B 564	53432B 564	53454B 564
Lens ...	573839	573839	573839
Window ...	575200	575200	575200
Nut, barrel fixing lens ...	575219	575219	575219
Gasket, seating lens ...	575208	575208	575208
Base ...	54573881	54573881	575964
Grommet, bulbholder ...	575207	575207	575207
Bulbholder, shell ...	575209	575209	575209
Interior, bulbholder ...	573828	573828	573828
Grommet, cable ...	573825	573825	573825
Nut, fixing lamp ...	166014	166014	166014
Bulb ...	352	384	380

Part No. Model ...	53394D 564	53432D 564	53454D 564
Lens and Window ...	54576001	54576001	54576001
Nut, barrel fixing lens ...	575219	575219	575219
Gasket, seating lens ...	575208	575208	575208
Base ...	54573881	54573881	575964
Grommet, bulbholder ...	575207	575207	575207
Bulbholder, shell ...	575209	575209	575209
Interior, bulbholder ...	573828	573828	573828
Grommet, cable ...	573825	573825	573825
Nut, fixing lamp ...	166014	166014	166014
Bulb ...	352	384	380

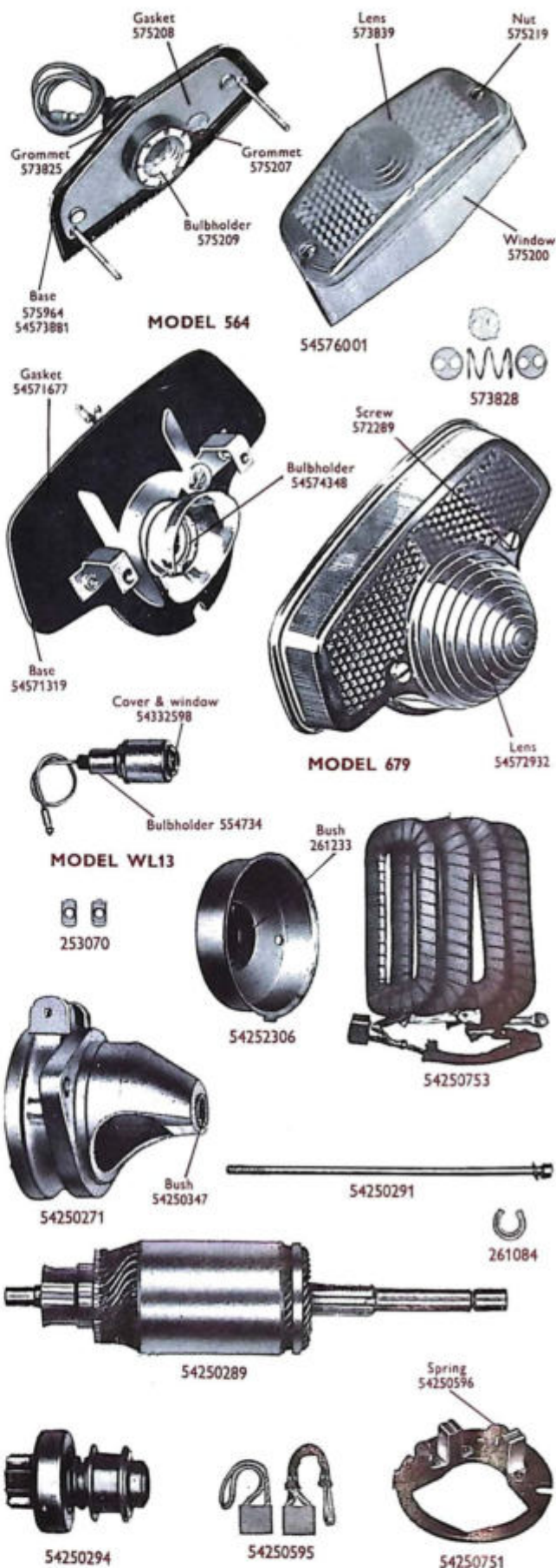
Part No. Model ...	53972A/B 679	53973A/B 679
Lens ...	54572932	54572932
Screw, fixing lens ...	572289	572289
Bulbholder, with reflector ...	54574348	54574348
Baseplate ...	54571319	54571319
Interior, bulbholder ...	573828	573828
Gasket, seating lamp ...	54571677	54571677
Bulb ...	384	380

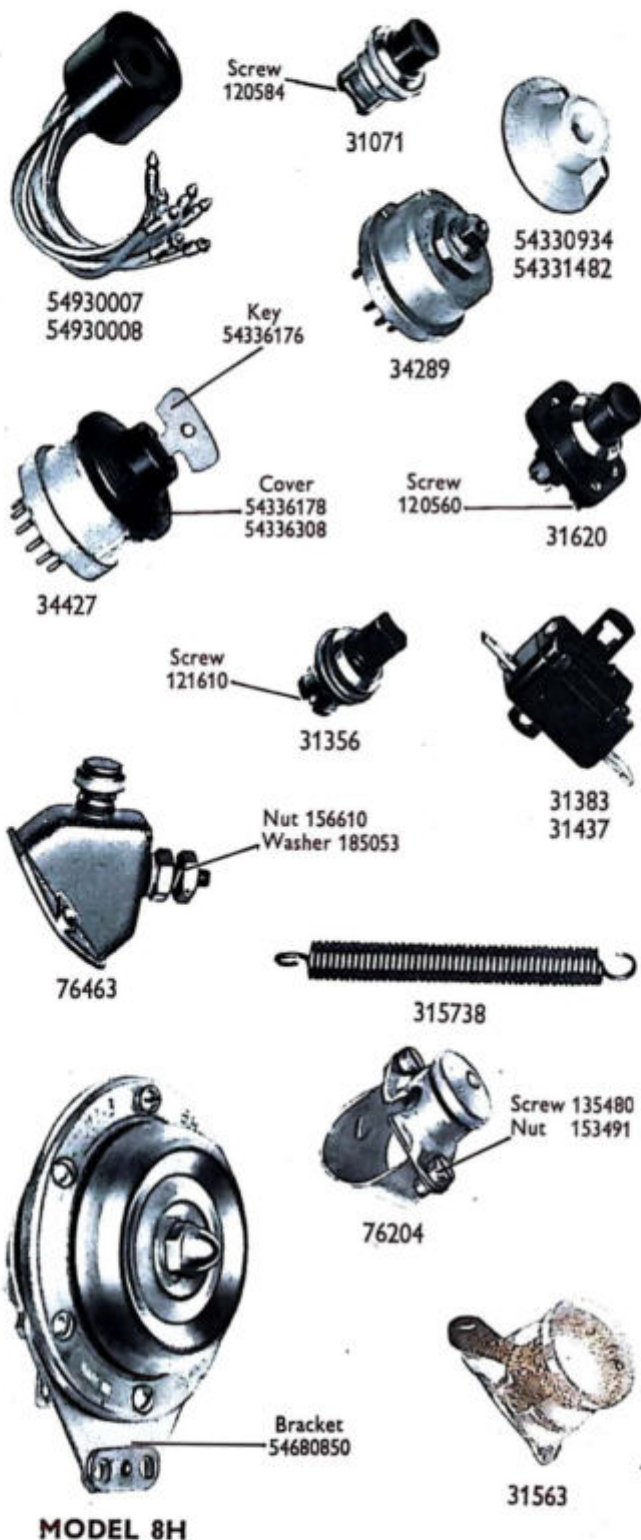
WARNING LIGHTS

Part No. Model ...	38197E WL13	38198E WL13
Cover and window ...	54332598	54332598
Bulbholder ...	554734	554734
Bulb ...	987	998

STARTING MOTOR

Part No. Model ...	26501E M3
Bolt, through fixing ...	54250291
Bracket, fixing ...	54250271
Bushing, bracket ...	54250347
Shoe operating lever ...	253070
Circlip, armature location ...	261084
Drive ...	54250294
Armature ...	54250289
Brush, set ...	54250595
Bracket or frame, commutator end ...	54252306
Bushing, bracket ...	261233
Plate, with brush holders and springs ...	54250751
Springs, set, brush tension ...	54250596
Coils, field ...	54250753
Sundry parts, set ...	54251434





CUT-OUT SWITCH

Part No.	Model	31071A/D
...	...	SS5
Screw, terminal	...	120584

DIPPER SWITCH

Part No.	Model	31620B
...	...	PS9
Screw, terminal	...	120560

IGNITION SWITCH

Part No.	Model	34427A/B
...	...	8BSA
Key	...	54336176
Socket with cables	...	†54930008
Cover	...	†54336178

LIGHTING SWITCHES

Part No.	Model	31356A/B	34289A
...	...	PS6	8BSA
Screw, terminal	...	121610	—
Socket with cables	...	—	†54930007

STARTING MOTOR SWITCH

Part No.	Model	76463A
...	...	4SA
Nut, terminal	...	156610
Washer, spring	...	185053

STOP LIGHT SWITCHES

Part No.	Model	31383B	31437B
...	...	22B	22B
Spring	...	—	†315738

HORN PUSH AND DIPPER SWITCH

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

HORN PUSH OR CUT-OUT

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

HORNS

Part No.	Model	70166B	70163A/B
...	...	70177A	70164A/B
...	...	8H	70169A/B
Bracket	...	—	54680850
Sundry parts, set	...	54681085	54681085

FUSE ASSEMBLIES

Part No.	Model	54335477
...	...	188216
Fuse (25 amp.)	...	—

CABLE HARNESSES

Part No.	54932326	54933224	34933695 54934998 54936415	54934815	54934996	54937097	54941657
Connector, Lucas (17.5 amp.)	—	54942078	54942078	54942078	54942078	—	—
Connector, Lucas (17.5 amp. double)	54942747	54942747	54942747	54942747	54942747	—	—
Connector, Lucas (35 amp.)	—	—	—	54942079	—	—	—
Adaptor (speedo)	—	54941458	—	—	54941458	—	—
Connector tube (2-way)	900288	900288	900288	900288	900288	—	900288
Connector tube (4-way)	850641	850641	850641	850641	—	850641	850641
Nipple	900269	900269	900269	900269	900269	900269	900269
Bulb (speedo)	—	282	—	—	282	—	—