FEBRUARY 1964

# PARTS SERVICE BULLETIN

No.N14X

SPECIFICATION CHANGES FOR
1964 'A' GROUP MODELS. U.S.A.

Detailed below are the changes in specification for 1964. Please enter these details in the form of amendments to your copy of the 'A' group Spares List so that the information is readily available for future reference.

## MODEL A.50

### ENGINE & GEARBOX

As standard 1964 A.50 specification except for the following:-

| | | | |
|---|---|---|---|
| | 19-7032 | Carburetter | AMAL 376/284 |
| 154 | 68-9453 | Piston complete | 8.5 : 1 |
| 152 | 68-0434 | Piston complete | 9 : 1 (to order) |
| 112 | 68-4607 | Air cleaner water deflector | |

### HANDLEBAR & CONTROLS

| | | | |
|---|---|---|---|
| 153 | 68-4960 | Handlebar complete (Western) | |
| 119 | 68-4963 | (2) Cable guide | |
| 102 | 21-5371 | (4) " " screw | |
| 121 | 68-8536 | Front brake cable complete | |
| 134 | 42-8808 | Throttle twist grip | |
| 115 | 42-8812 | Dummy grip | |

### FRONT FORKS

| | | | |
|---|---|---|---|
| 125 | 65-5451 | (2) Front fork oil seal | |

### FRONT MUDGUARD

| | | | |
|---|---|---|---|
| 156 | 68-6502 | Front mudguard (less number plate holes) | |

### REAR MUDGUARD

| | | | |
|---|---|---|---|
| 156 | 68-6753 | Rear mudguard (drilled for handrail) | West Coast |
| + 140 | 68-6783 | Tail lamp distance piece | |
| + | 19-1017 | Stop tail lamp | LUCAS 53972 |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

MODEL A.50

PILLION FOOTREST

| | | |
|---|---|---|
| 125 67-4871 | (2) | Pillion footrest anchor bolt |
| 110 29-7565 | (2) | " " " " distance piece |

PETROL TANK

| | |
|---|---|
| 121 40-8029 | Knee grip O/S |
| 121 40-8030 | " " N/S |
| 111 42-8010 | Petrol tank rubber grommet |
| 137 41-8004 | (2) Petrol tank badge (2 gallon tank) |

DUAL SEAT HANDRAIL (WEST COAST)

| | | |
|---|---|---|
| 154 68-9045 | Dual seat handrail complete | |
| 105 24-6770 | (4) Bolt | ) |
| 401 24-8784 | (4) Spring washer | ) handrail to |
| 102 36-5344 | (4) Plain washer | ) mudguard |
| 402 02-0049 | (4) Nut | ) |
| 568 68-9024 | Dual seat complete | |

A.50 COLOUR SUFFIXES FOR 1964

| | | |
|---|---|---|
| Frame | Black | /007 |
| Forks | " | /007 |
| Chainguard | " | /007 |
| Sidecovers | Flamboyant blue | /167 |
| Petrol tank | " " , chrome panels, single white line | /174 |
| Petrol tank badge | (4 gallon tank) Brilliant red surround, gold star, silver centre | /135 |
| Mudguards | Flamboyant blue, single white line | /175 |
| Mudguard stays and rear number plate top bracket | Flamboyant blue | /167 |
| Front and rear hubs | Heat resisting silver | /165 |
| Front hub cover plate | Chrome | /003 |

Contd:

P.S.B. No.N14X continued.....

## MODEL A.65

### ENGINE

As standard A.65 specification except for the following:-

| | | | |
|---|---|---|---|
| | 19-7076 | Carburetter | AMAL 389/70 |
| 154 | 68-0484 | Piston complete | 9 : 1 |
| 112 | 68-4607 | Air cleaner water deflector | |

### HANDLEBAR

| | | |
|---|---|---|
| 153 | 68-4960 | Handlebar complete (Western) |
| 119 | 68-4963 | (2) Cable guide |
| 102 | 21-5371 | (4) " " screw |
| 121 | 68-8533 | Front brake cable |
| 134 | 42-8808 | Throttle twist grip |
| 115 | 42-8812 | Dummy grip |

### FRONT FORKS

| | | |
|---|---|---|
| 125 | 65-5451 | (2) Front fork oil seal |

### FRONT MUDGUARD

| | | |
|---|---|---|
| 156 | 68-6502 | Front mudguard (less number plate holes) |

### REAR MUDGUARD

| | | | |
|---|---|---|---|
| 156 | 68-6753 | Rear mudguard (drilled for handrail) | West Coast |
| + | 19-1017 | Stop tail lamp | LUCAS 53972 |

### PILLION FOOTREST

| | | |
|---|---|---|
| 125 | 67-4871 | (2) Pillion footrest anchor bolt |
| 110 | 29-7565 | (2) " " " " distance piece |

### PETROL TANK

| | | |
|---|---|---|
| 121 | 40-8029 | Knee grip O/S |
| 121 | 40-8030 | " " N/S |
| 111 | 42-8010 | Petrol tank rubber grommet |

### DUAL SEAT & HANDRAIL (WEST COAST)

| | | | |
|---|---|---|---|
| 568 | 68-9024 | Dual seat complete | |
| 154 | 68-9045 | " " handrail | |
| 105 | 24-6770 | (4) Bolt | ) |
| 401 | 24-8784 | (4) Spring washer | ) handrail to |
| 102 | 36-5344 | (4) Plain washer | ) mudguard |
| 402 | 02-0049 | (4) Nut | ) |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.. .....

MODEL A.65

TAIL LAMP MOUNTING

| | | | |
|---|---|---|---|
| + | 140 68-6795 | Tail lamp mounting extension complete | |
| | 104 21-5362 | (2) Bolt | tail lamp and extension to number plate |
| | 401 90-6219 | (2) Plain washer | |
| | 401 29-3319 | (2) Shakeproof washer | |
| | 102 02-0360 | Screw | extension to number plate |
| | 401 90-6219 | (2) Plain washer | |
| | 401 29-3319 | Shakeproof washer | |
| | 402 02-0047 | Nut | |

A.65 LIGHTENING ROCKET

As standard A.65 specification except for the following:-

ENGINE & GEARBOX

| | | |
|---|---|---|
| + | 185 68-0465 | Cylinder head complete - twin ports |
| | 106 68-0222 | (4) Carburetter stud |
| + | 19-7082 | Carburetter AMAL 389/206 |
| | 154 68-0484 | Piston complete 9 : 1 |
| + | 162 68-0568 | " " 11 : 1 |
| + | 158 68-0473 | Camshaft |
| + | 113 68-0475 | Valve spring |
| + | 153 68-0282 | Oil pump complete |
| + | 120 68-0310 | " " spindle |
| | 101 42-0157 | " " retaining washer |
| | 102 42-0158 | " " spring ring |
| + | 165 68-0534 | Inner timing cover complete |
| + | 122 68-0586 | Rev counter driving pin complete |
| + | 106 68-0588 | " " 'O' ring |
| + | 120 68-0585 | " " nipple |
| | 103 67-0716 | (2) Bolt ) nipple to inner timing cover |
| | 102 65-9163 | Wire (as required) ) |
| | 401 02-1096 | (2) Plain washer ) |
| | 401 24-0036 | Rev counter cable sealing washer (fibre) |
| | 119 68-3140 | Speedo driving gear 8T |
| | 127 68-3141 | " driven gear 11T |
| | 145 68-3091 | Kickstart crank complete - folding |
| + | 186 68-3206 | Clutch complete |
| | 130 42-3192 | (5) Clutch driving plate assembly |
| + | 111 68-3237 | (4) Clutch spring (heavy duty) |
| + | 102 68-0589 | Rev counter joint washer |

EXHAUST SYSTEM

| | | |
|---|---|---|
| | 144 68-2706 | Exhaust pipe N/S |
| | 144 68-2712 | " " O/S |
| + | 160 68-2733 | (2) Silencer complete less spoon baffle |
| | 114 68-2727 | (2) " bracket - loose |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

EXHAUST SYSTEM Contd:

| | | | |
|---|---|---|---|
| 403 | 02-0204 | (4) Bolt | ) bracket to |
| 401 | 02-1462 | (4) Spring washer | ) silencer |
| 402 | 02-2395 | (4) Nut | ) |
| 121 | 42-2848 | (2) Exhaust pipe finned collar | |
| 105 | 21-6187 | (2) Screw | ) exhaust pipe |
| 401 | 29-0541 | (2) Shakeproof washer | ) finned collar |
| 402 | 21-5102 | (2) Nut | ) |
| 414 | 42-2860 | (2) Silencer to exhaust pipe clip | |
| 405 | 90-3063 | (2) Pin | ) silencer and |
| 402 | 90-3064 | (2) Swivel | ) exhaust pipe |
| 402 | 21-5102 | (2) Nut | ) clip |

FRAME & FITTINGS

| | | | |
|---|---|---|---|
| + 196 | 68-4135 | Frame complete | |
| 114 | 68-4095 | Rear brake pedal adjuster post | |
| 103 | 68-4096 | " " " " " | set screw |
| 402 | 02-1027 | " " " " " " " | locknut |
| 401 | 24-8784 | Spring washer | ) adjuster post & stop lamp |
| 402 | 02-0049 | Nut | ) switch to frame |
| + 116 | 68-9251 | Sidecover fastener bracket (rear N/side) | |
| 105 | 24-6770 | Bolt | ) |
| 401 | 02-0923 | Plain washer | ) fastener bracket |
| 401 | 24-8784 | Spring washer | ) to frame |
| 402 | 02-0049 | Nut | ) |
| 110 | 68-9115 | (3) Oddie clip | |
| 402 | 65-8317 | (6) Screw | ) Oddie clip and |
| 401 | 42-5099 | (6) Shakeproof washer | ) fastener support to |
| 401 | 42-8034 | (6) Nut | ) frame bracket |
| + 112 | 68-9116 | (2) Sidecover front fastener plate | |
| 106 | 42-7031 | (4) Bolt | ) |
| 401 | 02-1462 | (4) Spring washer | ) fastener plate to |
| 106 | 42-8098 | (4) Distance piece | ) bracket on frame |
| 402 | 02-2395 | (4) Nut | ) |
| 110 | 68-4084 | Engine mounting plate bolt | |
| 110 | 68-4085 | " " " " | nut |
| 114 | 68-4088 | " stud - front | ) engine front |
| 103 | 02-1925 | (2) Nut | ) fixing |
| 402 | 63-4708 | (2) Shakeproof washer | ) |
| 117 | 68-4083 | Engine bolt - bottom | |
| 102 | 27-5676 | (2) Engine bolt bottom spacing washer | |
| 103 | 68-4086 | (2) " " washer - bottom | |
| 118 | 68-4090 | Engine steady stay | |
| 111 | 65-5295 | Bolt 650cc only | ) |
| 112 | 68-0340 | " 500cc " | ) engine steady |
| 104 | 40-4909 | Distance piece 500cc only | ) stay to |
| 102 | 67-0061 | Plain washer | ) cylinder head |
| 109 | 42-4475 | Nut | ) |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

SWINGING-ARM

| | | | |
|---|---|---|---|
| + 176 | 68-4228 | Swinging-arm complete with bushes | |
| 129 | 42-4340 | " spindle complete | |
| 128 | 42-4362 | (2) Swinging-arm housing silent bloc | |
| 102 | 42-4364 | Shakeproof washer | ) swinging-arm |
| 111 | 42-4343 | Nut | ) spindle |
| 404 | 67-8313 | Bolt | ) securing swinging-arm |
| 401 | 36-0382 | Shakeproof washer | ) spindle |
| + 103 | 68-4150 | (2) Rear wheel adjusting screw | |
| 405 | 24-0563 | (2) " " " " | locknut |
| 407 | 03-1399 | (2) Bolt | ) damper lower |
| 401 | 02-0522 | (2) Washer | ) fixing |
| 109 | 68-4235 | (2) Nut | ) |
| | 19-7418 | (2) Damper unit (90lbs rate) | |
| 110 | 68-4239 | Bolt | ) |
| + 110 | 68-4242 | " | ) |
| 401 | 02-0522 | (2) Spring washer | ) damper top and |
| 402 | 02-0449 | (2) Nut | ) mudguard bridge to |
| 111 | 42-6763 | Distance piece H/S | ) frame |
| 104 | 40-4909 | " " O/S | ) |

AIR CLEANER

| | | | |
|---|---|---|---|
| + 133 | 68-4610 | (2) Air cleaner complete | |
| 112 | 68-4607 | (2) " " | water deflector |
| + 110 | 68-4612 | (2) " " | clip |
| + 122 | 68-0567 | (2) " " | adaptor |
| + 117 | 68-4613 | Air cleaner support brace | |

BATTERY CARRIER

| | | | |
|---|---|---|---|
| 126 | 68-4500 | Battery carrier complete | |
| 104 | 42-4653 | " " | rubber - side |
| 106 | 68-4506 | " " | base rubber |
| 402 | 02-0014 | (2) Bolt | ) |
| 106 | 66-9262 | (2) Distance piece | ) fixing battery |
| 401 | 29-0541 | (2) Spring washer | ) carrier |
| 403 | 02-0051 | (2) Nut | ) |
| 109 | 68-4511 | Battery carrier, oil tank distance rubber | |

Items marked thus + are new components

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P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

CENTRAL STAND (TWIN PIPES)

| | | |
|---|---|---|
| 143 | 68-4705 | Centre stand |
| 115 | 68-4708 | " " spring complete |
| 111 | 42-4744 | " " pivot bar |
| 110 | 42-4745 | " " spacing tube |
| 207 | 89-3208 | " " extension arm rubber |
| 101 | 03-1346 | Double spring washer ) fixing central |
| 401 | 15-0039 | (2) Plain washer ) stand pivot |
| 401 | 35-0707 | (2) Split pin ) |
| 403 | 28-2080 | (2) Grease nipple |

PROP STAND (TWIN PIPES)

| | | |
|---|---|---|
| 146 | 42-4778 | Prop stand assembly |
| 133 | 67-4888 | " " leg |
| 112 | 42-4793 | Bolt |
| 108 | 15-0734 | Nut |
| 112 | 65-4742 | Prop stand spring |

HANDLEBAR

| | | |
|---|---|---|
| 153 | 68-4960 | Handlebar complete |

FRONT FORK

| | | |
|---|---|---|
| 196 | 68-5070 | Front fork complete |
| 169 | 67-5057 | Fork sliding tube N/S |
| 111 | 65-5295 | " end pinch bolt |
| 101 | 02-2903 | " " " " spring washer |
| 169 | 65-5420 | " sliding tube N/S |
| + 146 | 68-5059 | " sleeve N/S |
| + 146 | 68-5060 | " " O/S |
| 125 | 42-5320 | (2) Fork bellows |
| 113 | 42-5323 | (4) " " clip |
| 101 | 02-1309 | (2) " end drain plug |
| 101 | 02-0292 | (2) " " " " washer |
| 149 | 68-5030 | (2) Fork shaft |
| 135 | 65-5424 | (2) " top bearing |
| 130 | 29-5347 | (2) " bottom bearing |
| 112 | 29-5283 | (2) " shaft plug |
| 102 | 29-5338 | (2) " " " washer |
| 102 | 29-5320 | (2) " top bearing circlip |
| 141 | 42-5315 | (2) " oil seal holder complete |
| 125 | 65-5451 | (2) " " " |
| 122 | 68-5042 | (2) " spring |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.. .....

A.65 LIGHTENING ROCKET

FRONT FORK cont:

| | | | |
|---|---|---|---|
| 149 | 68-5049 | Fork top yoke | |
| 109 | 27-5135 | Bolt | ) top yoke |
| 107 | 64-6016 | Special nut | ) clip |
| 420 | 65-5126 | Steering head ball race cone - top | |
| 120 | 65-5127 | " " " " " - bottom | |
| 101 | 01-4675 | (40) Steering head ball | |
| 109 | 66-5204 | Steering head dust cap | |
| 127 | 67-5023 | Steering stem adjusting sleeve | |
| 125 | 67-5024 | " " " " cap | |
| 421 | 65-5331 | (2) Nut | ) fork tube |
| 102 | 65-5332 | (2) Plain washer | ) |
| 101 | 29-5334 | Top bush shim | (.005") |
| 101 | 29-5335 | " " " | (.010") |
| 101 | 29-5336 | " " " | (.020") |
| 101 | 29-5337 | " " " | (.030") |
| 154 | 42-5086 | Fork bottom yoke complete | |
| 110 | 29-5289 | (2) Bolt | ) |
| 401 | 24-8784 | (2) Spring washer | ) bottom yoke |
| 405 | 24-5160 | (2) Nut | ) |
| 120 | 65-5333 | (2) Handlebar clip | |
| + 111 | 68-5057 | (2) Bolt | ) |
| 119 | 66-8348 | (2) Distance piece | ) handlebar and |
| 111 | 68-5056 | (2) Bolt | ) yoke clip |
| 401 | 15-5155 | (4) Plain washer | ) |
| 133 | 68-5045 | Steering head lock | |
| + 104 | 68-5051 | " " " screw | |
| 111 | 68-5091 | " " " bezel | |
| 130 | 67-5021 | " " adjusting rod complete | |
| 402 | 24-6035 | Knob spring washer | |
| 121 | 65-5328 | Steering damper centre | |
| 107 | 25-5247 | " " star washer | |
| 412 | 65-5380 | " " friction washer | |
| 114 | 42-5014 | " " anchor plate | |
| 106 | 42-9169 | Bolt | ) |
| 401 | 02-0923 | Plain washer | ) steering damper |
| 401 | 36-0382 | Shakeproof washer | ) anchor plate |
| 402 | 02-0049 | Nut | ) |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

FRONT WHEEL & FITTINGS (8" brake)

| | | |
|---|---|---|
| 184 | 42-5513 | Front wheel complete (less brake & tyre) |
| 147 | 42-5514 | " " rim (WM2-19) |
| 105 | 67-5544 | (20) Front wheel spoke - short |
| 105 | 67-5545 | (20) " " " - long |
| 102 | 27-6810 | (40) " " " nipple |
| 118 | 42-5873 | Balance weight - ½" |
| 120 | 42-5875 | " " - 1" |
| 177 | 42-5538 | Front hub complete with spindle sleeve and bearings |
| 125 | 67-5565 | Hub spindle sleeve |
| 838 | 65-5883 | (2) Hub ball journal |
| 403 | 28-2080 | Hub grease nipple |
| 120 | 67-5561 | " bearing lock ring - N/S |
| 120 | 67-5562 | " " " " - O/S |
| 102 | 67-5563 | " " oil retaining washer - N/S |
| 102 | 67-5564 | " " " " " - O/S |
| 143 | 67-5566 | " spindle |
| 401 | 35-0701 | (2) Bearing lock ring retaining pin |
| 154 | 67-5555 | Brake cover plate complete |
| 102 | 67-5577 | " " " anchor strap stud |
| 105 | 24-5860 | " " " " " " locknut |
| 123 | 67-5567 | " cam bearing |
| 103 | 15-0541 | " cover plate anchor strap nut |
| 401 | 15-0716 | " " " " " washer |
| 117 | 67-5576 | " fulcrum and adjusting pin |
| 107 | 02-2527 | " " " " " nut |
| 102 | 25-6014 | " " " " " washer |
| 101 | 35-0037 | " " " " " " |
| 403 | 28-2080 | " " pin grease nipple |
| 114 | 42-5520 | " anchor strap |
| 307 | 32-0194 | (2) Brake anchor strap bolt |
| 148 | 67-5601 | (2) " shoe complete |
| | 19-7719 | (2) " " lining |
| 101 | 67-5575 | (14) " " " rivet |
| 107 | 65-5904 | (2) " " spring |
| 125 | 67-5572 | Brake shoe cam complete |
| 111 | 65-5907 | " operating lever |
| 405 | 02-0440 | " shoe cam nut |
| 402 | 15-0431 | " " " washer (plain) |
| 402 | 66-4708 | " " " " (shakeproof) |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

REAR WHEEL & FITTINGS

| | | | |
|---|---|---|---|
| + | 189 | 68-6050 | Rear wheel complete (less brake & tyre) |
| | 152 | 65-6306 | " " rim (WM2-19) |
| | 105 | 65-6302 | (20) Rear wheel spoke - O/S |
| | 105 | 65-6303 | (20) " " " - N/S |
| | 102 | 27-6010 | (40) " " " nipple |
| | 176 | 67-6136 | Rear hub shell complete with bearings |
| | 838 | 65-5883 | (2) Rear hub bearing |
| | 105 | 65-5884 | Rear hub bearing thrust washer |
| | 137 | 67-6027 | " " spindle sleeve |
| | 403 | 28-2080 | " " grease nipple |
| | 102 | 65-5887 | " " felt washer retaining ring |
| | 114 | 67-6133 | End cover complete |
| | 117 | 68-6057 | Hub spindle distance collar - N/S |
| | 116 | 67-6028 | " " " sleeve |
| | 117 | 68-6062 | " " " collar (outer) O/S |
| + | 117 | 68-6070 | " " " " (inner) O/S |
| + | 125 | 68-6067 | Hub fixed spindle |
| | 111 | 68-6066 | " spindle nut |
| | 109 | 67-6032 | " collar |
| | 102 | 67-6033 | " ball journal shim |
| | 107 | 67-6034 | Retaining spring ring |
| | 120 | 65-5885 | Hub ball race retaining ring |
| | 109 | 67-6051 | " shell washer - rubber |
| | 137 | 42-6019 | Driving flange |
| | 107 | 67-6038 | (6) Brake drum securing bolt |
| | 104 | 02-0452 | (6) Wheel securing nut |
| | 101 | 67-6039 | (3) Brake drum bolt locking strip |
| | 165 | 67-6149 | Brake drum & chainwheel - 42T |
| | 838 | 65-5883 | " " " bearing |
| | 142 | 42-6030 | " cover plate complete |
| | 102 | 65-5674 | Cam bearing oil hole clip |
| | 118 | 42-6033 | Brake fulcrum pin |
| | 105 | 30-0729 | " " " washer - plain |
| | 107 | 24-7000 | " " " nut |
| | 101 | 65-5111 | " " " washer |
| | 132 | 42-6034 | " cam complete |
| | 137 | 65-5940 | (2) Brake shoe complete |
| | | 19-7717 | (2) " " lining |
| | 401 | 35-6436 | (14) " " rivet |
| | 107 | 65-5904 | (2) " " spring |
| | 127 | 42-6045 | Brake operating lever |
| | 102 | 66-4708 | " " " washer |
| | 402 | 15-0431 | " " " " (plain) |
| | 405 | 02-0440 | " " " nut |

Items marked thus + are new components

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P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

REAR WHEEL & FITTINGS cont:

| | | | |
|---|---|---|---|
| + 116 | 68-7054 | Brake outrigger strap | |
| + 136 | 68-6068 | Hub spindle complete | |
| + 111 | 41-6031 | Brake lever return spring | |
| 112 | 42-6036 | " anchor strap | |
| + 109 | 68-6064 | Bolt | ) |
| 401 | 02-2138 | Plain washer | ) brake anchor and |
| 110 | 15-1166 | Castle nut | ) chainguard bottom to |
| 401 | 35-0707 | Split pin | ) swinging-arm lug |
| 112 | 40-4908 | Distance piece | ) |

FRONT MUDGUARD

| | | | |
|---|---|---|---|
| 154 | 42-6544 | Front mudguard less number plate holes | |
| + 133 | 42-6566 | (2) Front mudguard stay - short | |
| 126 | 42-6560 | (4) " " " - long | |
| 403 | 02-0204 | (6) Bolt | ) |
| 401 | 27-8560 | (6) Plain washer | ) stays to |
| 401 | 02-1462 | (6) Spring washer | ) mudguard |
| 402 | 02-2395 | (6) Nut | ) |
| 105 | 15-7354 | (4) Bolt | ) stays to |
| 401 | 24-8784 | (4) Spring washer | ) fork end |
| 405 | 28-2338 | (4) Bolt | ) |
| 401 | 36-0382 | (4) Shakeproof washer | ) stay to |
| 402 | 02-0049 | (4) Nut | ) fork |

REAR MUDGUARD

| | | | |
|---|---|---|---|
| + 174 | 68-6766/003 | Rear mudguard | |
| + 174 | 68-6765/003 | " " | (drilled for handrail) |
| + 124 | 68-6767 | " " | bridge - top |
| 403 | 02-0204 | (2) Bolt | ) |
| 401 | 27-8560 | (2) Plain washer | ) bridge to |
| 401 | 02-1462 | (2) Spring washer | ) mudguard |
| 402 | 02-2395 | (2) Nut | ) |
| 106 | 42-7029 | Bolt | ) |
| 104 | 68-8059 | Distance tube | ) mudguard front |
| 401 | 02-1462 | Spring washer | ) to frame |
| 402 | 02-2395 | Nut | ) |
| 105 | 15-5153 | (2) Bolt | ) |
| 401 | 36-0382 | (2) Shakeproof washer | ) mudguard to |
| 402 | 02-0049 | (2) Nut | ) seat rail |
| + 130 | 68-6770 | Mudguard & frame stiffener assembly | |
| 130 | 90-6748 | Rear number plate complete | |
| 102 | 67-9070 | " " " | transfer (650cc Twin) |
| 405 | 21-5611 | (2) Bolt | ) |
| 401 | 02-0525 | (2) Plain washer | ) number plate |
| 401 | 29-0541 | (3) Shakeproof washer | ) to mudguard |
| 402 | 21-5102 | (3) Nut | ) |

Items marked thus + are new components

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P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET - REAR MUDGUARD cont:

| | | | |
|---|---|---|---|
| + 140 | 68-6795 | Tail lamp mounting extension complete | |
| 104 | 21-5362 | (2) Bolt | ) tail lamp and |
| 401 | 90-6219 | (2) Plain washer | ) extension to |
| 401 | 29-3319 | (2) Shakeproof washer | ) number plate |
| 102 | 02-0360 | Screw | ) |
| 401 | 90-6219 | (2) Plain washer | ) extension to |
| 401 | 29-3319 | Shakeproof washer | ) number plate |
| 402 | 02-0047 | Nut | ) |

REAR BRAKE CONTROL

| | | | |
|---|---|---|---|
| + 138 | 68-7050 | Rear brake pedal complete | |
| + 124 | 68-7056 | " " rod complete | |
| 102 | 02-0510 | Screw | ) rod to |
| 102 | 02-0443 | Nut | ) brake pedal |
| 402 | 21-5102 | Brake rod spring nut | |
| 106 | 15-1312 | " " " | |
| 109 | 65-6274 | " " swivel pin | |
| 111 | 90-7029 | " " adjusting nut | |
| + 120 | 68-7055 | Rear brake fulcrum pin | |
| 102 | 25-6015 | Spring washer | ) fulcrum pin |
| 107 | 42-5883 | Nut | ) to frame |
| + 118 | 68-7052 | Brake pedal stop switch arm | |
| 102 | 02-0079 | (2) Screw | ) switch arm |
| 401 | 29-0541 | (2) Shakeproof washer | ) to pedal |
| 107 | 68-7013 | Stop light switch actuating lever | |
| 101 | 02-1309 | Screw | ) actuating lever |
| 401 | 29-3319 | Shakeproof washer | ) to switch arm |

FOOTRESTS

| | | | |
|---|---|---|---|
| 127 | 68-4802 | Footrest - N/S | |
| 132 | 68-4803 | " - O/S | |
| 115 | 68-4804 | Stud | ) |
| 112 | 40-4818 | Locking plate | ) N/S footrest to |
| 101 | 02-1967 | Spring washer | ) frame |
| 107 | 29-5839 | Nut | ) |
| 114 | 29-7551 | (2) Footrest rubber | |

PILLION FOOTREST

| | | | |
|---|---|---|---|
| 142 | 42-4835 | Pillion footrest complete assembly | |
| 125 | 29-7581 | " " only | |
| 107 | 29-7564 | (2) Bolt | ) |
| 401 | 36-0332 | (2) Shakeproof washer | ) footrest swivel |
| 105 | 24-6040 | (2) Nut | ) |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET - PILLION FOOTREST cont:

| | | | |
|---|---|---|---|
| 125 | 67-4871 | (2) Anchor bolt | ) |
| 401 | 02-0522 | (2) Spring washer | ) anchor bolt |
| 402 | 02-0046 | (2) Nut | ) to frame |
| 110 | 29-7565 | (2) Distance piece | ) |
| 111 | 29-7583 | (2) Pillion footrest rubber | |

REAR CHAINGUARD

| | | | |
|---|---|---|---|
| + 169 | 68-7722 | Rear chainguard | |
| 109 | 42-7733 | (2) Rear chainguard fixing nut | |
| 104 | 40-0229 | (2) Screw | ) chainguard to |
| 401 | 29-0541 | (2) Shakeproof washer | ) swinging-arm |

PETROL TANK

| | | | |
|---|---|---|---|
| + 186 | 68-8066 | Petrol tank - 2 gallon | |
| 135 | 68-8070 | " " filler cap (first sets) | |
| + 116 | 68-8067 | " " fixing bracket complete | |
| 401 | 02-0923 | (2) Plain washer | ) |
| 401 | 36-0382 | (2) Shakeproof washer | ) bracket to |
| 402 | 02-0049 | (2) Nut | ) petrol tank stud |
| 104 | 68-8006 | Bracket grommet | |
| + 135 | 68-8083 | Petrol tank filler cap (after first sets) | |
| 114 | 68-8044 | " " support rubber - front | |
| 112 | 42-8051 | " " " " - rear | |
| 115 | 68-8045 | Bolt - special | |
| 401 | 76-0012 | Plain washer - bottom | ) |
| 106 | 68-8046 | Distance tube | ) tank to |
| 109 | 42-8017 | Mounting rubber | ) frame |
| 101 | 68-8016 | Plain washer - top | ) |
| 105 | 68-8014 | Nut - special | ) |
| 111 | 42-8010 | Petrol tank grommet | |
| 137 | 42-8105 | (2) Petrol tank badge - /136 | |
| 107 | 42-8020 | (2) " " " clip | |
| 402 | 65-8317 | (4) Screw | ) badge to |
| 401 | 42-8034 | (4) Nut | ) clip |
| 125 | 42-8075 | Petrol tap | |
| 401 | 02-0100 | (2) Petrol tap washer - top | |
| 101 | 02-0930 | (2) " " " - bottom | |
| 102 | 24-8504 | (2) " " sealing washer | |
| 109 | 67-8060 | (2) " " domed nut | |
| + 112 | 68-8085 | Petrol tank top transfer | |
| + 133 | 68-8073 | " pipe complete | |
| 121 | 65-8362 | " tank breather pipe complete | |
| 111 | 27-8346 | " " " " screw | |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

OIL TANK & FITTINGS

| | | |
|---|---|---|
| 155 | 68-8302 | Oil tank with fixed fittings |
| 120 | 42-8435 | " " breather complete |
| 419 | 65-8500 | " " filler cap |
| 402 | 67-0042 | " " " " washer |
| 117 | 68-8328 | " " filter plug |
| 103 | 68-8336 | " " " " washer (fibre) |
| 117 | 68-8320 | (2) Oil feed and return pipe |
| 106 | 68-8315 | (3) " tank locating rubber |
| 104 | 15-2018 | Oil tank fixing bolt |
| 104 | 68-8334 | " " " rubber |
| 103 | 68-8317 | " " " " spacer |
| 102 | 02-0537 | " " " washer |
| 401 | 02-0923 | " " " " (plain) |
| 401 | 36-0382 | " " " " (shakeproof) |
| 402 | 02-0049 | " " " nut |
| 106 | 68-8321 | Rocker oil feed pipe connection (rubber) |

HANDLEBAR CONTROLS (WESTERN HANDLEBAR)

| | | |
|---|---|---|
| 134 | 42-8808 | Twist grip complete |
| 115 | 42-8812 | Dummy grip |
| 140 | 40-8538 | Front brake control (ball ended) |
| 136 | 66-8396 | Air control complete |
| 140 | 40-8539 | Clutch control complete (ball ended) |
| + 136 | 68-8557 | Throttle cable complete assembly |
| + 116 | 68-8558 | " " " short (carburetter to Junction box) |
| + 118 | 68-8562 | " " " long (Junction box to twist grip) |
| + 136 | 68-8576 | Air cable complete assembly |
| + 116 | 68-8577 | " " " short (carburetter to Junction box) |
| + 118 | 68-8580 | " " " long (Junction box to control) |
| 121 | 42-8838 | Front brake cable complete |
| 111 | 24-7848 | " " adjuster complete - bottom |
| 107 | 24-7849 | " " " screw locknut |
| 107 | 29-5871 | " " toggle |
| 102 | 02-0510 | Screw ) toggle end |
| 401 | 02-1462 | Spring washer ) to brake lever |
| 102 | 02-0443 | Nut ) |
| 122 | 68-8530 | Clutch cable complete |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

TOOLBOX

| | | | |
|---|---|---|---|
| + | 154 68-9131 | Toolbox complete | |
| | 403 02-0204 | (2) Bolt ) | toolbox to |
| | 401 02-1462 | (2) Spring washer ) | frame |
| | 402 02-2395 | (2) Nut ) | |
| | 110 68-9115 | Sidecover fastener clip | |
| | 402 65-8317 | (2) Screw ) | clip to fastener |
| | 401 42-5099 | (2) Shakeproof washer ) | bracket |
| | 401 42-8034 | (2) Nut ) | |
| + | 120 68-9134 | Zipped tool pouch | |

TOOLS

| | | |
|---|---|---|
| + | 150 68-9066 | Toolbag complete with tools |
| | 110 65-9282 | Toolbag only |
| | 111 29-9252 | Tyre lever |
| | 119 67-9121 | Sparking plug spanner complete |
| | 106 36-7273 | Feeler gauge - .008" |
| | 102 65-9125 | " " - .010" |
| | 112 42-9080 | Damper unit adjuster spanner |
| | 19-8301 | Screwdriver (LUCAS 400935) |
| | 113 65-9110 | Fork top nut spanner |
| | 107 29-9253 | Tommy bar |
| | 113 65-9133 | Tappet spanner |
| | 414 40-9021 | Phillips screwdriver (No.2 recess) |
| | 123 67-9028 | Open ended spanner (5/16" x $\frac{3}{8}$") |
| | 111 40-9075 | Tappet spanner |
| | 121 40-9016 | Ring spanner |
| | 114 40-9017 | Box spanner |
| | 113 65-9115 | " " |

SUNDRIES

| | | |
|---|---|---|
| | 19-8636 | Transmission chain - rear |
| | 523 90-9237 | Inflator |
| | 402 66-9049 | (15) Rubber cable clips |

ELECTRICAL EQUIPMENT (6v)

| | | | |
|---|---|---|---|
| | 19-8005 | Generator - RM19 | LUCAS 54021023 |
| | 19-1670 | Battery - MLZ9E | " 54028263 |
| + | 19-0573 | Headlamp complete | " 54052486 |
| + | 19-0856 | (2) Speedo & rev counter light link lead | LUCAS 54934906 |
| | 19-0140 | Ducon switch with lead | WIPAC 13391 |
| + | 19-1017 | Stop tail lamp | LUCAS 53972 |
| + | 19-2055 | Horn - 6H (6v) | " 70161 |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 LIGHTENING ROCKET

ELECTRICAL EQUIPMENT (6v) cont:

| | | | |
|---|---|---|---|
| + | 19-0863 | Horn link lead | LUCAS 54933901 |
| + | 19-0862 | Lucas interconnecting blade | LUCAS 864980 |
| | 19-1752 | Contact breaker with lead | " 54041023 |
| | 19-1715 | Rectifier | " 49072 |
| | 19-0864 | (2) Coil MA6 | " 54041020 |
| | 19-0865 | Coil grommet | " 421554 |
| | 19-0866 | Coil clip | " 421863 |
| | 19-1125 | Stop lamp switch - 6 SA | " 34448 |
| + 115 | 68-4148 | (2) Coil fixing bracket | |
| 118 | 68-4092 | (2) " clip | LUCAS 421863 |
| 105 | 42-6554 | (4) Bolt ) | |
| 401 | 02-1462 | (4) Spring washer ) | coils and brackets |
| 402 | 02-2395 | (4) Nut ) | to frame |
| + 110 | 68-9103 | Horn bracket | |
| 110 | 68-4906 | " " distance piece | |
| 403 | 02-0204 | (2) Bolt ) | |
| 401 | 02-1462 | (2) Spring washer ) | horn to mounting |
| 402 | 02-2395 | (2) Nut ) | bracket |

COMBINED SPEEDO & REV COUNTER

| | | | |
|---|---|---|---|
| + | 19-2176 | Speedometer head - m.p.h. (Magnetic) | SMITHS SSM5001/00 |
| + | 19-9075 | " cable - 3'3" long | " DF9110/02 |
| + | 19-2178 | Rev counter head - magnetic | " RMS3003/02 |
| + | 19-9076 | " " cable - 2'9" long | " DF9110/00 |
| + 143 | 68-9140 | Mounting bracket | |
| + 113 | 68-9141 | (2) Speedometer mounting cup | |
| 401 | 21-6204 | (8) " " " | fixing screw |
| 401 | 29-3319 | (8) " " " " | " washer |
| + 113 | 68-9138 | (2) " " " | rubber |

SIDECOVER - N/S

| | | | |
|---|---|---|---|
| + 137 | 68-9262 | Sidecover with fixed fittings | |
| 122 | 68-9235 | " badge | |
| 402 | 65-8317 | (2) Screw ) | badge to |
| 401 | 42-8034 | (2) Nut ) | sidecover |

SIDECOVER - O/S

| | | | |
|---|---|---|---|
| + 136 | 68-9264 | Sidecover with fixed fittings | |
| 111 | 68-9223 | (2) Oddie stud - rear | |
| 104 | 68-9226 | (2) " " rubber washer | |
| 103 | 68-9227 | Oddie stud rubber washer - rear | |
| 104 | 68-9220 | (2) Support pad | |
| 103 | 68-9237 | Rubber strip | |
| 122 | 68-9236 | Sidecover badge | |
| 103 | 65-8317 | (2) Screw ) | badge to |
| 401 | 42-8034 | (2) Nut ) | sidecover |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.. .....

A.65 LIGHTENING ROCKET

TWIN SEAT

| | | |
|---|---|---|
| + 174 | 68-9056 | Twin seat assembly |
| 402 | 76-9110 | " " grommet |
| 405 | 03-1156 | (2) Bolt |
| 401 | 24-8784 | (2) Spring washer |
| + 111 | 41-4036 | (2) Distance piece |

HANDRAIL (WEST COAST)

| | | |
|---|---|---|
| + 154 | 68-9135 | Handrail complete |

COLOUR FINISHES

| | | |
|---|---|---|
| Frame | Black | /007 |
| Forks | " | /007 |
| Fork shrouds | Chrome | /003 |
| Chainguard | " | /003 |
| Sidecovers | Mandarin red | /201 |
| Petrol tank | Mandarin red, chrome panels with single white line | /202 |
| Petrol tank badges - Black surround, silver star | | /119 |
| Mudguard & stays - Chrome | | /003 |
| Rear number plate - Black | | /007 |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

## A.65 THUNDERBOLT ROCKET

As standard A.65 specification except for the following:-

### ENGINE & GEARBOX

| | | | |
|---|---|---|---|
| + | | 68-0526 | Engine & gearbox complete ) (When magnetic speedo is fitted) |
| + | | 68-0525 | Engine & gearbox complete ) (When chronometric speedo is fitted) |
| | 154 | 68-0484 | Piston complete 9 : 1 |
| + | | 19-7081 | Carburetter AMAL 389/202 |
| + | 158 | 68-0473 | Camshaft |
| + | 113 | 68-0475 | (4) Valve spring |
| + | 153 | 68-0282 | Oil pump complete |
| + | 120 | 68-0310 | " " spindle |
| | 101 | 42-0157 | " " retaining washer |
| | 102 | 42-0158 | " " spring ring |
| + | 165 | 68-0534 | Inner timing cover complete |
| + | 186 | 68-3206 | Clutch complete |
| | 130 | 42-3192 | " driving plate assembly |
| + | 107 | 68-3237 | (4) Clutch spring - heavy duty |
| + | 104 | 68-3153 | Speedo driving gear 'O' ring |
| | 123 | 68-0314 | " driven gear - 11T ) first sets with |
| + | 119 | 68-3148 | " driving gear - 6T ) chronometric speedo |
| + | 122 | 68-0586 | Rev counter driving pin complete |
| + | 106 | 68-0588 | " " 'O' ring |
| + | 120 | 68-0585 | " " nipple |
| | 103 | 67-0716 | (2) Bolt |
| | 107 | 65-9165 | (2) Wire |
| | 401 | 02-1096 | (2) Plain washer |
| | 401 | 24-0036 | Rev counter cable sealing washer |
| | 145 | 68-3091 | Kickstart crank complete - folding |
| | 142 | 68-3092 | " " only |
| | 119 | 41-3022 | " " pedal |
| | 109 | 40-3084 | " " " bolt |
| | 101 | 40-3085 | " " " spring |
| | 101 | 01-4675 | " " " ball |
| | 112 | 68-4607 | Air cleaner water deflector |

### EXHAUST SYSTEM

| | | | |
|---|---|---|---|
| + | 160 | 68-2733 | (2) Silencer complete - less spoon baffle |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 THUNDERBOLT ROCKET

FRAME & FITTINGS

| | | | |
|---|---|---|---|
| + 114 | 68-4088 | Front engine mounting stud | |
| 110 | 68-4906 | Spacer | engine fixing |
| 103 | 02-1925 | (2) Nut | engine fixing |
| 402 | 66-4708 | (2) Shakeproof washer | engine fixing |

BATTERY CARRIER

| | | | |
|---|---|---|---|
| 126 | 68-4500 | Battery carrier | |
| 104 | 42-4653 | " " side rubber | |
| 106 | 68-4506 | " " base rubber - loose | |
| 109 | 68-4511 | " " oil tank distance rubber | |
| 402 | 02-0014 | (2) Bolt | battery carrier to frame |
| 401 | 29-0541 | (2) Shakeproof washer | battery carrier to frame |
| 106 | 66-9262 | (2) Distance piece | battery carrier to frame |
| 403 | 02-0051 | (2) Nut | battery carrier to frame |

HANDLEBAR

| | | | |
|---|---|---|---|
| 153 | 68-4960 | Handlebar complete | |
| 102 | 21-5371 | (2) Cable guide screw | |
| 119 | 68-4963 | (2) Handlebar cable guide | |

FRONT FORK

| | | | |
|---|---|---|---|
| + 196 | 68-5071 | Front fork complete | |
| + 146 | 68-5059 | " " sleeve - N/S | |
| + 146 | 68-5060 | " " " - O/S | |
| 125 | 42-5320 | (2) Fork bellows | |
| 113 | 42-5323 | (4) " " clip | |
| + 111 | 68-5057 | (2) Bolt - front | Handlebar speedo and rev counter bracket to top yoke |
| 119 | 66-8348 | (2) Distance piece | Handlebar speedo and rev counter bracket to top yoke |
| 133 | 68-5050 | Steering head lock | first sets only |
| 104 | 68-5051 | " " " screw | first sets only |
| 125 | 65-5451 | Front fork oil seal | |

FRONT WHEEL

| | | |
|---|---|---|
| 138 | 68-5506 | Front wheel complete (less brake and tyre) |
| + 147 | 41-6007 | " " rim |

REAR WHEEL

| | | |
|---|---|---|
| 189 | 68-6001 | Rear wheel complete (less brake and tyre) |
| + 147 | 41-6007 | " " rim |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 THUNDERBOLT ROCKET

FRONT MUDGUARD

| | | |
|---|---|---|
| 156 | 68-6502 | Front mudguard (less number plate holes) |

REAR NUMBER PLATE

| | | | |
|---|---|---|---|
| + 140 | 68-6795 | Tail lamp mounting extension complete | |
| 104 | 21-5362 | (2) Bolt | ) tail lamp to |
| 401 | 90-6219 | (2) Plain washer | ) extension and |
| 401 | 29-3319 | (2) Shakeproof washer | ) number plate |
| 102 | 02-0360 | Screw | ) |
| 401 | 90-6219 | (2) Plain washer | ) extension to |
| 401 | 29-3319 | Shakeproof washer | ) number plate |
| 402 | 02-0047 | Nut | ) |

PILLION FOOTRESTS

| | | |
|---|---|---|
| 125 | 67-4871 | (2) Pillion footrest anchor bolt |
| 110 | 29-7565 | (2) " " " " distance piece |

PETROL TANK

| | | |
|---|---|---|
| 111 | 42-8010 | Petrol tank grommet |
| 121 | 40-8029 | Knee grip - O/S |
| 121 | 40-8030 | " " - N/S |

HANDLEBAR CONTROLS

| | | |
|---|---|---|
| 138 | 42-8809 | Twist grip complete |
| 115 | 42-8812 | Dummy grip |

SUNDRIES

| | | |
|---|---|---|
| | 19-8640 | Rear transmission chain - solo |
| | 19-8621 | " " " - sidecar |
| 523 | 90-9237 | Inflator |
| 402 | 66-9049 | (15) Rubber cable clip |

COMBINED SPEEDO & REV COUNTER

| | | | |
|---|---|---|---|
| | 19-2115 | Speedometer head m.p.h. (solo) | SMITHS SC5301/31) |
| | 19-9065 | " cable - 3'5" long | " DF1110/20) |
| + | 19-2171 | Rev counter head | " RC1302/04) |
| | 19-9054 | " " cable - 2'10½" long | ) |
| 112 | 65-9111 | (2) Speedo & rev counter bracket | ) |
| 112 | 42-9292 | (2) " " " mounting bracket | ) |
| | | | first sets only) |

Items marked thus + are new components

P.S.B. No.N14X continued.....

A.65 THUNDERBOLT ROCKET

COMBINED SPEEDO & REV COUNTER cont:

| | | | | |
|---|---|---|---|---|
| 402 | 02-0014 | (4) Bolt | bracket to mounting bracket | first sets only |
| 101 | 15-7383 | (3) Mounting rubber | | |
| 401 | 27-8560 | (3) Plain washer | | |
| 102 | 02-0443 | (4) Locknut | | |
| 402 | 02-2395 | (4) Nut | | |
| + | 19-2176 | Speedometer head - magnetic | SMITHS | SSM5001/00 |
| + | 19-9075 | " cable - 3'8" long | " | DF9110/02 |
| + | 19-2178 | Rev counter head | " | RSM3003/02 |
| + | 19-9076 | " " cable - 2'9" long | " | DF9110/00 |
| + 143 | 68-9140 | Speedo & rev counter mounting bracket | | |
| + 113 | 68-9141 | (2) External speedo mounting cup | | |
| + 212 | 04-2715 | (2) Speedo mounting rubber | | |
| 401 | 21-6206 | (8) Screw | speedo mounting cup to bracket after first sets | |
| 401 | 29-3319 | (8) Shakeproof washer | | |

ELECTRICAL EQUIPMENT (6v)

| | | | | |
|---|---|---|---|---|
| | 19-8005 | Generator - RM19 | LUCAS | 54021023 |
| | 19-1670 | Battery - MLZ9E | " | 54028263 |
| + | 19-0573 | Headlamp with harness | " | 540524B6 |
| + | 19-0857 | Speedo light link lead - 15" (First sets) | LUCAS | 54934623 |
| + | 19-0856 | Speedo & rev counter light link lead (after first sets) | LUCAS | 54934906 |
| + | 19-1017 | Stop tail lamp | " | 53972 |
| + | 19-2055 | Horn - 6H (6v) | " | 70161 |
| + | 19-0863 | " link lead | " | 54933901 |
| | 19-0862 | Lucas interconnecting blade (Ducan to horn) | LUCAS | 864980 |
| | 19-1752 | Contact breaker 43A | " | 54041023 |
| | 19-1715 | Rectifier | " | 49072 |
| | 19-0864 | (2) Coil - MA6 | " | 54041020 |
| | 19-0866 | (2) " clips | " | 421863 |
| | 19-0865 | (2) " grommet | " | 421554 |
| | 19-0867 | Stop lamp switch | " | 34448 |
| | 19-0140 | Ducon switch with lead | WIPAC | 13391 |
| 101 | 42-9193 | Switch socket and cable clip | | |
| + 110 | 68-9103 | Horn fixing bracket | | |
| 110 | 68-4906 | " " " | distance piece | |
| 403 | 02-0204 | (2) Bolt | horn to bracket | |
| 401 | 02-1462 | (2) Spring washer | | |
| 402 | 02-2395 | (2) Nut | | |
| 118 | 68-4093 | (2) Coil bracket | | |
| 105 | 42-6554 | (2) Bolt | coils and brackets to frame | |
| 401 | 02-1462 | (2) Spring washer | | |
| 402 | 02-2395 | (2) Nut | | |

Items marked thus + are new components

P.S.B. No.N14X continued.....

A.65 THUNDERBOLT ROCKET

TWIN SEAT

568 63-9024 Twin seat complete

COLOUR FINISHES

| | | |
|---|---|---|
| Frame | Black | /007 |
| Front forks | " | /007 |
| Fork shrouds | Chrome | /003 |
| Chainguard | Black | /007 |
| Sidecovers | Flamboyant blue | /167 |
| Petrol tank | Flamboyant blue, chrome panel and single white line | /174 |
| Petrol tank badge (4 gallon tank) | Brilliant red surround, Gold star, silver centre | /135 |
| Mudguard & stays | Chrome | /003 |
| Rear number plate | Black | /007 |
| Front & rear hubs | Silver | /165 |

Front & rear brake plates - Polished alloy

Front hub cover plate Chrome /003

102 67-6570 "Made in England" transfer

106 42-6909 Rear number plate transfer (B.S.A.)

Contd:

P.S.B. No.N14X continued.....

A.65 SPITFIRE HORNET

ENGINE & GEARBOX

As 1964 standard A.65 specification except for the following:-

| | | | |
|---|---|---|---|
| | 68-0462 | Engine & gearbox complete | |
| + 135 | 68-0465 | Cylinder head (twin port) | |
| 106 | 68-0222 | (4) Carburetter stud | |
| + | 19-7082 | Carburettor complete | AMAL 389/206 |
| 154 | 68-0484 | (2) Piston complete | 9 : 1 |
| 154 | 68-0486 | (2) " " | + ½ mm |
| 154 | 68-0488 | (2) " " | + 1 mm |
| + 162 | 68-0568 | (2) " " | 11 : 1 |
| + 162 | 68-0570 | (2) " " | + ½ mm |
| + 162 | 68-0572 | (2) " " | + 1 mm |
| + 158 | 68-0473 | Camshaft | |
| + 113 | 68-0475 | (4) Valve spring | |
| + 144 | 68-0544 | Engine sprocket - 28T | |
| + 126 | 68-0546 | Timing disc complete | |
| + | 19-1237 | Alternator RM19 ET | LUCAS 54021056 |
| + | 19-8105 | Contact breaker (5°) | " 54041043 |
| + 153 | 68-0282 | Oil pump complete | |
| + 120 | 68-0310 | " " spindle | |
| 101 | 42-0157 | " " " retaining washer | |
| 102 | 42-0158 | " " " spring ring | |
| + 163 | 68-0534 | Inner timing cover complete | |
| 106 | 42-0166 | Timing cover sealing plate - inner | |
| 103 | 42-0163 | " " " " washer - inner | |
| 103 | 67-0716 | (2) Bolt ) | |
| 102 | 65-9163 | Wire ) sealing plate | |
| 401 | 02-1096 | (2) Plain washer ) to washer | |
| + 119 | 68-3143 | Speedo driving gear - 7T | |
| + 127 | 68-3144 | " driven " - 11T | |
| 145 | 68-3091 | Kickstart crank complete - folding | |
| 142 | 68-3092 | " " only | |
| 119 | 41-3022 | " " pedal | |
| 109 | 40-3084 | " " " bolt | |
| 101 | 40-3085 | " " " " spring | |
| 101 | 01-4675 | " " " ball | |
| + 136 | 68-3206 | Clutch complete | |
| 130 | 42-3192 | " driving plate assembly | |
| + 107 | 68-3237 | (4) Clutch spring - heavy duty | |
| + 151 | 68-3123 | Gearbox mainshaft complete | |
| + 154 | 68-3127 | " " 1st gear - 16T | |
| + 151 | 68-3124 | " layshaft complete | |
| + 141 | 68-3107 | " " 2nd gear - 25T | |
| + 142 | 68-3117 | " " constant gear - 17T | |
| + 133 | 68-3114 | " mainshaft 2nd gear - 23T | |
| + 141 | 68-3120 | " layshaft 3rd gear - 22T | |

Items marked thus + are new components

Contd.

P.S.B. No.N14X continued:.....

A.65 SPITFIRE HORNET

ENGINE & GEARBOX cont:

| | | | |
|---|---|---|---|
| + 144 | 68-3128 | Gearbox layshaft - 1st gear complete 24T | |
| + 152 | 68-3115 | " mainshaft - high gear complete 23T | |
| + 142 | 68-3089 | " sprocket - 21T | |
| + 134 | 68-3126 | Footchange lever | |
| 207 | 89-3208 | " " rubber | |
| 106 | 42-7031 | Bolt | footchange lever to spindle |
| 401 | 02-0525 | Plain washer | |
| 402 | 02-2395 | Nut | |

EXHAUST SYSTEM
(straight-through exhaust)

| | | | |
|---|---|---|---|
| + 142 | 68-2742 | Exhaust pipe complete - N/S | |
| + 154 | 68-2744 | " " " - O/S | |
| + 119 | 68-2750 | " " front tie rod | |
| 402 | 02-0047 | (2) Locknut | tie rod to exhaust pipe |
| 401 | 29-3319 | (4) Shakeproof washer | |
| 406 | 76-4112 | (2) Domed nut | |
| 109 | 29-9408 | (2) Bolt | exhaust pipe (rear) to frame |
| 105 | 29-9388 | (2) Distance piece | |
| 401 | 02-0923 | (2) Plain washer | |
| 401 | 24-8784 | (2) Spring washer | |
| 402 | 02-0049 | (2) Nut | |
| 121 | 42-2848 | (2) Exhaust pipe finned collar | |
| 105 | 21-6187 | (2) Screw | finned collar to pipes |
| 401 | 29-0541 | (2) Shakeproof washer | |
| 402 | 21-5102 | (2) Nut | |
| 137 | 42-2699 | (2) Exhaust pipe shield | |
| 104 | 42-2701 | (4) " " " screw | |

CRANKCASE SHIELD

| | | | |
|---|---|---|---|
| + 138 | 68-2001 | Crankcase shield complete | |
| + 115 | 68-2004 | (2) Crankcase shield front 'U' bolt | |
| 106 | 42-3249 | (4) " " " " " nut | |

FRAME & FITTINGS

As Lightening Rocket specification except for the following:-

CENTRE STAND

| | | |
|---|---|---|
| 149 | 42-4762 | Centre stand |
| 119 | 42-4730 | " " spring |
| 111 | 42-4744 | " " pivot bar |
| 110 | 42-4745 | " " spacing tube |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 SPITFIRE HORNET

CENTRE STAND cont:

| | | | |
|---|---|---|---|
| 101 03-1346 | Double spring washer | } | fixing bracket |
| 401 15-0039 | (2) Plain washer | } | stand to frame |
| 401 35-0707 | (2) Split pin | } | |
| 403 28-2080 | (2) Grease nipple | | |

PROP STAND

| | |
|---|---|
| 146 68-4757 | Prop stand leg |
| 112 42-4793 | Bolt |
| 108 15-0734 | Nut |
| 112 65-4742 | Prop stand spring |

HANDLEBAR

| | |
|---|---|
| 145 42-4993 | Handlebar (West Coast) |
| 155 42-4994 | " (East Coast) |
| 116 42-4996 | (2) Cable guide |
| 102 21-5371 | (4) " " screw |

FRONT FORK (less lighting)

As A.65 Lightening Rocket except for the following:-

| | |
|---|---|
| 197 42-5147 | Front fork complete |
| 143 42-5318 | (2) Front fork sleeve |
| 460 89-5061 | (2) " " shaft |
| 427 89-5036 | (2) " " spring |
| 151 42-5036 | Front fork top yoke |
| 111 68-5056 | (2) Handlebar clip bolt |

FRONT WHEEL

As A.65 Lightening Rocket

REAR WHEEL

As A.65 Lightening Rocket except for the following:-

| | |
|---|---|
| + 189 68-6052 | Rear wheel complete (less brake and tyre) |
| 147 42-6371 | " " rim - steel |
| 105 42-6011 | (20) Rear wheel spoke - N/S |
| 105 42-6012 | (20) " " " - O/S |
| 160 42-6360 | Brake drum - detachable chainwheel |

Items marked thus + are new components

P.S.B. No.N14X continued.....

A.65 SPITFIRE HORNET

REAR WHEEL cont:

| | | | |
|---|---|---|---|
| 164 | 42-6361 | Detachable chainwheel - 50T | |
| 105 | 67-6204 | (10) Bolt | ) chainwheel to |
| 101 | 24-8734 | (10) Spring washer | ) brake drum |
| 142 | 42-6364 | Brake cover plate complete | |

REAR MUDGUARD

As A.65 Lightening Rocket specification except for the following:-

| | | | |
|---|---|---|---|
| + 174 | 68-6764 | Rear mudguard | |

FOOTRESTS - FOLDING

| | | | |
|---|---|---|---|
| + 134 | 68-4808 | Footrest bracket - N/S | |
| + 134 | 68-4809 | " " - O/S | |
| 125 | 42-4926 | (2) Folding footrest | |
| 114 | 42-4925 | (2) " " rubber | |
| 112 | 65-4917 | (2) Anchor bolt | ) |
| 401 | 02-0522 | (2) Spring washer | ) footrest to |
| 402 | 02-0046 | (2) Nut | ) bracket |
| 107 | 29-7564 | (2) Bolt | ) |
| 401 | 36-0382 | (2) Shakeproof washer | ) footrest to |
| 105 | 24-6040 | (2) Nut | ) anchor bolt |
| 115 | 68-4804 | Stud | ) |
| 112 | 40-4818 | Locking plate | ) N/S footrest |
| 101 | 02-1967 | Spring washer | ) to frame |
| 107 | 29-5839 | Nut | ) |
| 110 | 68-4805 | Stud | ) |
| 101 | 02-1967 | Spring washer | ) O/S bracket |
| 103 | 02-1925 | Nut | ) to frame |

PETROL TANK

As A.65 Lightening Rocket except for the following:-

| | | | |
|---|---|---|---|
| + 186 | 68-8082 | Petrol tank (fibre glass) | |
| 111 | 68-8018 | (2) Petrol tank top tube rubber | |
| 113 | 68-8017 | Petrol tank steady rubber | |
| + 115 | 68-8080 | Bolt - special | ) |
| 401 | 02-0923 | Plain washer | ) |
| + 106 | 68-8081 | Distance tube - short | ) |
| 116 | 40-8089 | " " - long | ) |
| 109 | 40-8085 | Mounting rubber | ) tank to |
| 102 | 03-0101 | (2) Plain washer - large | ) frame |
| 101 | 24-8784 | Spring washer | ) |
| 402 | 02-0049 | Nut | ) |
| 109 | 40-8107 | Petrol tank grommet | |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.65 SPITFIRE HORNET

OIL TANK & FITTINGS

As A.65 Lightening Rocket specification except for the following:-

| | | | |
|---|---|---|---|
| 117 | 68-8328 | Oil tank filter plug complete (chrome finish) | |
| 102 | 65-9270 | Piled arm transfer | |

SUNDRIES

| | | | |
|---|---|---|---|
| + | 19-8661 | Transmission chain - rear | |
| 523 | 90-9237 | Inflator | |
| 402 | 66-9049 | Rubber cable clip (as required) | |

ELECTRICAL EQUIPMENT

(Energy transfer - less lighting)

| | | | |
|---|---|---|---|
| + | 19-1237 | Alternator - RM19 EF | |
| + | 19-8105 | Contact breaker with lead | LUCAS 54041043 |
| + | 19-1711 | Coil complete - R/H | " 54041030 |
| + | 19-1746 | " " - L/H | " 54041039 |
| + | 19-1747 | (2) Coil condensor | " 54441582 |
| + | 19-1748 | Cut out button | " 31071 |
| | 19-0852 | Ignition harness | " 54934952 |
| + | 19-1749 | (2) Condensorlead - Lucar | " 54190108 |
| + | 115 68-4094 | (2) Coil bracket | |
| | 105 42-6554 | (4) Bolt ) | |
| | 401 02-1462 | (4) Spring washer ) coils and condensors | |
| | 402 02-2395 | (4) Nut ) to brackets | |
| + | 112 68-9061 | Cut out button bracket | |

SPEEDOMETER & MOUNTING

| | | | | |
|---|---|---|---|---|
| + | 19-2176 | Speedometer head m.p.h. | SMITHS SSM5001/00) | |
| + | 19-9077 | " cable 3'4" long | " DF9110/02 ) | |
| | 103 68-9092 | " head light aperture sealing ring | ) | East |
| + | 120 68-9139 | " holder complete | ) | Coast |
| + | 113 68-9138 | " mounting rubber | ) | |
| | 407 24-8329 | (2) Bolt ) speedo bracket | ) | |
| + | 107 40-9111 | (2) Distance piece ) to top yoke | ) | |
| | 403 02-0204 | (2) Bolt | ) | |
| | 401 27-8560 | (2) Plain washer | ) | West |
| | 111 65-3399 | Speedo drive sealing nut | ) | Coast |
| | 101 15-0082 | " " " " washer | ) | |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

## A.50 CYCLONE

### ENGINE & GEARBOX

As 1964 standard A.50 specification except for the following:-

| | | | |
|---|---|---|---|
| + | | 68-0460 | Engine & gearbox complete |
| + | 185 | 68-0467 | Cylinder head complete |
| | 106 | 68-0222 | Carburetter stud |
| + | | 19-7084 | " complete AMAL 376/310 |
| | 101 | 65-1232 | (2) Carburetter joint washer |
| + | 152 | 68-0434 | (2) Piston complete 9 : 1 |
| | 152 | 68-0436 | (2) " " + ½ mm |
| | 152 | 68-0438 | (2) " " + 1 mm |
| | 160 | 68-0505 | (2) " " 11 : 1 |
| | 160 | 68-0507 | (2) " " + ½ mm |
| | 160 | 68-0509 | (2) " " + 1 mm |
| + | 158 | 68-0473 | Camshaft (West Coast) |
| + | 113 | 68-0475 | Valve spring |
| + | 144 | 68-0544 | Engine sprocket - 28T |
| + | 126 | 68-0546 | Timing disc complete |
| + | | 19-1237 | Alternator RM19 ET LUCAS 54021056 |
| + | | 19-8105 | Contact breaker (5°) " 54041043 |
| + | 153 | 68-0282 | Oil pump complete |
| + | 120 | 68-0310 | " " spindle |
| | 101 | 42-0157 | " " " retaining washer |
| | 102 | 42-0158 | " " " spring ring |
| + | 165 | 68-0534 | Inner timing cover complete |
| | 106 | 42-0166 | " " " sealing plate |
| + | 102 | 68-0589 | " " " " " " washer |
| | 103 | 67-0716 | (2) Bolt ) |
| | 102 | 65-9163 | Wire ) sealing plate |
| | 401 | 02-1096 | (2) Plain washer ) to cover |
| + | 119 | 68-3143 | Speedometer driving gear - 7T |
| + | 127 | 68-3144 | " driven gear - 11T |
| | 145 | 68-3091 | Kickstart crank complete - folding |
| | 142 | 68-3092 | " " only |
| | 119 | 41-3022 | " " pedal |
| | 109 | 40-3084 | " " " bolt |
| | 101 | 40-3085 | " " " " spring |
| | 101 | 01-4675 | " " " ball |
| + | 186 | 68-3206 | Clutch complete |
| | 130 | 42-3192 | (5) Clutch driving plate complete |
| + | 107 | 68-3237 | (4) " spring - heavy duty |
| + | 142 | 68-3089 | Gearbox sprocket - 21T |
| + | 134 | 68-3126 | Footchange lever |
| | 307 | 89-3208 | " " rubber |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.50 CYCLONE

ENGINE & GEARBOX cont:

| | | | |
|---|---|---|---|
| 106 42-7031 | Bolt | ) | |
| 401 02-0525 | Plain washer | ) | lever to |
| 402 02-2395 | Nut | ) | footchange spindle |

ENGINE & GEARBOX (STANDARD RATIO) EAST COAST

As A.50 standard ratio specification

ENGINE & GEARBOX (CLOSE RATIO) WEST COAST

As standard A.50 specification except for the following:-

| | | |
|---|---|---|
| + 151 68-3123 | Gearbox mainshaft complete | |
| + 154 68-3127 | " " 1st gear - 16T | |
| + 151 68-3124 | " layshaft complete | |
| 141 68-3107 | " " 2nd gear - 25T | |
| + 142 68-3117 | " " constant gear - 17T | |
| + 133 68-3114 | " mainshaft 2nd gear - 23T | |
| + 141 68-3120 | " layshaft 3rd gear - 22T | |
| + 144 68-3128 | " " 1st gear complete - 24T | |
| + 152 68-3115 | " mainshaft high gear complete - 23T | |

EXHAUST SYSTEM (TWIN PIPES WITH SILENCER) EAST COAST

As A.65 Lightening Rocket specification

EXHAUST SYSTEM (STRAIGHT THROUGH EXHAUST) WEST COAST

| | | | |
|---|---|---|---|
| + 142 68-2742 | Exhaust pipe complete - N/S | | |
| + 154 68-2744 | " " " - O/S | | |
| + 119 68-2750 | " " front tie rod | | |
| 402 02-0047 | (2) Locknut | ) | tie rod to |
| 401 29-3319 | (4) Spring washer | ) | exhaust pipes |
| 406 76 4112 | (2) Domed nut | ) | |
| 109 29-9408 | (2) Bolt | ) | |
| 105 29-9388 | (2) Distance piece | ) | exhaust pipe |
| 401 02-0923 | (2) Plain washer | ) | rear to frame |
| 401 24-8784 | Spring washer | ) | |
| 102 02-0049 | Nut | ) | |
| 121 42-2848 | (2) Exhaust pipe finned collar | | |

Items marked thus + are new components

P.S.B. No.N14X continued.....

A.50 CYCLONE

EXHAUST SYSTEM (STRAIGHT THROUGH EXHAUST) WEST COAST cont:.....

| | | | |
|---|---|---|---|
| 105 | 21-6187 | (2) Screw | } finned collar to pipes |
| 401 | 29-0541 | (2) Shakeproof washer | |
| 402 | 21-5102 | (2) Nut | |
| 137 | 42-2699 | (2) Exhaust pipe shield | |
| 104 | 42-2701 | (4) " " screw | |

CRANKCASE SHIELD

| | | | |
|---|---|---|---|
| + 138 | 68-2001 | Crankcase shield complete | |
| + 115 | 68-2004 | (2) Crankcase shield front 'U' bolt | |
| 106 | 42-3249 | (4) " " " " " nut | |

AIR CLEANER

| | | | |
|---|---|---|---|
| + 133 | 68-4610 | (2) Air cleaner complete | |
| 112 | 68-4607 | (2) " " water deflector | |
| + 110 | 68-4612 | (2) " " clip | |
| + 122 | 68-0566 | (2) " " adaptor | |
| + 117 | 68-4613 | Air cleaner support brace | |

CENTRAL STAND (EAST COAST ONLY)

As A.65 LIGHTENING ROCKET

CENTRAL STAND (WEST COAST ONLY)

| | | | |
|---|---|---|---|
| 148 | 42-4729 | Central stand | |
| 119 | 42-4730 | " " spring | |
| 111 | 42-4744 | " " pivot bar | |
| 110 | 42-4745 | " " spacing tube | |
| 101 | 03-1346 | Double spring washer | } fixing bracket stand to frame |
| 401 | 15-0039 | (2) Plain washer | |
| 401 | 35-0707 | (2) Split pin | |
| 403 | 28-2080 | (2) Grease nipple | |

PROP STAND (TWIN EXHAUST PIPES WITH SILENCER) EAST COAST ONLY

As A.65 LIGHTENING ROCKET

PROP STAND (STRAIGHT THROUGH EXHAUST) WEST COAST ONLY.....

| | | | |
|---|---|---|---|
| 146 | 68-4757 | Prop stand leg | |
| 112 | 42-4793 | Bolt | } prop stand leg to lug |
| 108 | 15-0734 | Nut | |
| 112 | 65-4742 | Prop stand spring | |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.50 CYCLONE

HANDLEBAR

| | | |
|---|---|---|
| 145 | 42-4993 | Handlebar (West Coast) |
| 155 | 42-4994 | " (East Coast) |
| 116 | 42-4996 | (2) Handlebar guide tube |
| 102 | 21-5371 | (4) " " " screw |

FRONT FORK

As A.65 LIGHTENING ROCKET except for the following:-

| | | |
|---|---|---|
| 196 | 42-5146 | Front fork complete |
| 143 | 42-5317 | Fork outer sleeve complete N/S |
| 143 | 42-5321 | " " " " O/S |
| 143 | 42-5318 | (2) Fork outer sleeve ) West Coast |
| 460 | 89-5061 | (2) Front fork shaft ) |
| 427 | 89-5036 | (2) " " spring |
| 151 | 42-5036 | Front fork top yoke |
| + 111 | 68-5056 | (2) Handlebar clip bolt |

FRONT WHEEL

As A.65 LIGHTENING ROCKET except for the following:-

| | | |
|---|---|---|
| 184 | 42-5513 | Front wheel complete (less brake & tyre) |
| 147 | 42-5514 | " " rim |
| 118 | 42-5873 | Wheel balance (weight $\frac{3}{4}$") |
| 120 | 42-5875 | " " ( " 1") |

REAR WHEEL

As A.65 LIGHTENING ROCKET except for the following:-

| | | |
|---|---|---|
| + 189 | 68-6052 | Rear wheel complete (less brake & tyre) |
| 147 | 42-6371 | " " rim |
| 105 | 42-6011 | (20) Rear wheel spoke - N/S |
| 105 | 42-6012 | (20) " " " - O/S |
| 160 | 42-6360 | Brake drum - detachable chainwheel |
| 164 | 42-6361 | Detachable chainwheel - 50T |
| 105 | 67-6204 | (10) Bolt ) chainwheel to |
| 401 | 24-8784 | (10) Spring washer ) brake drum |
| 142 | 42-6364 | Brake cover plate complete |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.50 CYCLONE

FRONT MUDGUARD

As A.65 LIGHTENING ROCKET

REAR MUDGUARD

| | | | |
|---|---|---|---|
| + 174 | 68-6766/003 | Rear mudguard | (East Coast) |
| + 174 | 68-6764/003 | " " | (West Coast) |

FOOTRESTS - FOLDING

| | | | |
|---|---|---|---|
| 125 | 42-4926 | (2) Folding footrest | |
| + 134 | 68-4808 | Footrest bracket - N/S | |
| + 134 | 68-4809 | " " - O/S | |
| 114 | 42-4925 | (2) Footrest rubber | |
| 112 | 65-4917 | (2) Anchor bolt | footrest to bracket |
| 401 | 02-0522 | (2) Spring washer | |
| 402 | 02-0046 | (2) Nut | |
| 107 | 29-7564 | (2) Bolt | footrest to anchor bolt |
| 401 | 36-0382 | (2) Shakeproof washer | |
| 105 | 24-6040 | (2) Nut | |
| 115 | 68-4804 | Stud | N/S footrest to frame |
| 112 | 40-4818 | Locking plate | |
| 101 | 02-1967 | Spring washer | |
| 107 | 29-5839 | Nut | |
| 110 | 68-4805 | Stud | O/S footrest to frame |
| 101 | 02-1967 | Spring washer | |
| 103 | 02-1925 | Nut | |

PILLION FOOTRESTS (EAST COAST)

As A.65 LIGHTENING ROCKET

OIL TANK & FITTINGS

| | | |
|---|---|---|
| 123 | 68-8328 | Oil tank filter plug complete (East Coast) |
| 123 | 68-8328/003 | Oil tank filter plug complete (West Coast) |
| 102 | 65-9270 | Piled arms transfer |

HANDLEBAR CONTROLS

| | | | |
|---|---|---|---|
| 134 | 42-8808 | Twist grip complete | |
| 115 | 42-8812 | Dummy grip | |
| 140 | 40-8538 | Front brake control complete (Ball ended) | |
| 831 | 66-8836 | Air control complete | AMAL 12/161 |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.50 CYCLONE

HANDLEBAR CONTROLS cont:

| | | |
|---|---|---|
| 140 | 40-8539 | Clutch control complete |
| + 136 | 68-8566 | Throttle cable complete assembly |
| + 116 | 68-8567 | (2) Throttle cable complete - short |
| + 828 | 68-8561 | Throttle cable junction box AMAL 244/104 |
| + 118 | 68-8562 | " " complete |
| + 136 | 68-8584 | Air cable complete assembly |
| + 828 | 68-8561 | " " junction box |
| +118 | 68-8580 | " " complete - long |
| 121 | 42-8838 | Front brake cable complete (Western H/bars) |
| 107 | 24-7849 | " " adjuster screw locknut |
| 107 | 29-5871 | " " toggle |
| 102 | 02-0510 | Screw ) toggle end |
| 401 | 02-1462 | Spring washer ) to brake |
| 102 | 02-0443 | Nut ) |
| 122 | 68-8528 | Clutch cable complete (Western H/bars) |

TOOLBOX (EAST COAST)

As A.65 LIGHTENING ROCKET specification

SUNDRIES

| | | |
|---|---|---|
| + | 19-8661 | Transmission chain - rear |
| 523 | 90-9237 | Inflator |
| 402 | 66-9049 | (15) Rubber cable clip |

ELECTRICAL EQUIPMENT E.T.
(WITH LIGHTING) EAST COAST

| | | | |
|---|---|---|---|
| + | 19-1237 | Alternator RM19 ET | LUCAS 54021056 |
| + | 19-8105 | Contact breaker with lead (5°) | LUCAS 54041043 |
| + | 19-1711 | Coil with lead - R/H | " 54041030 |
| + | 19-1746 | " " " - L/H | " 54041039 |
| + | 19-1747 | (2) Condensor | " 54441582 |
| + | 19-1748 | Cut out button | " 31071 |
| + | 19-0853 | Harness | " 54935006 |
| + | 19-0564 | Headlamp complete | " 58395 F |
| + | 19-1017 | Stop tail lamp | " 53972 |
| + | 19-0856 | Speedo light link lead | " 54934906 |
| | 19-2046 | Horn AC 590 | CLEAR HOOTER |
| + | 19-0854 | Brake switch lead | LUCAS 54941045 |
| | 19-0867 | Stop lamp switch - 6 SA | " 34448 |
| + | 19-1749 | Condensor lead - Lucar | " 54190108 |
| | 19-2056 | Horn push | " 76204 |
| + 115 | 68-4094 | Coil bracket | |
| 105 | 42-6554 | (4) Bolt ) | |
| 401 | 02-1462 | (4) Spring washer ) coils & condensors | |
| 402 | 02-2395 | (4) Nut ) to brackets | |

Items marked thus + are new components

Contd.

P.S.B. No.N14X continued.....

A.50 CYCLONE

ELECTRICAL EQUIPMENT E.T.
WITH LIGHTING (EAST COAST) cont:

| | | | |
|---|---|---|---|
| + 112 | 68-9061 | Cut out button bracket | |
| 107 | 24-7343 | Bolt | ) |
| 401 | 27-8560 | Plain washer | ) horn to |
| 401 | 02-1462 | Spring washer | ) frame |
| 106 | 42-8098 | Distance piece | ) |
| 105 | 66-8347 | (2) Distance piece - headlamp to bracket | |

ELECTRICAL EQUIPMENT (LESS
LIGHTING) WEST COAST.....

| | | | | |
|---|---|---|---|---|
| + | 19-1237 | Alternator RM19 ET | LUCAS | 54021056 |
| + | 19-8105 | Contact breaker with lead (5°) | " | 54041043 |
| + | 19-1711 | Coil with lead - R/H | " | 54041030 |
| + | 19-1746 | " " " - L/H | " | 54041039 |
| + | 19-1747 | Condensor | " | 54441582 |
| + | 19-1748 | Cut out button | " | 31071 |
| + | 19-0582 | Ignition harness | " | 54934952 |
| + | 19-1749 | (2) Condensor lead - Lucar | " | 54190108 |
| + 115 | 68-4094 | Coil bracket | | |
| 105 | 42-6554 | (4) Bolt | ) coils & condensors | |
| 401 | 02-1462 | (4) Spring washer | ) to bracket | |
| 402 | 02-2395 | (4) Nut | ) | |
| + 112 | 68-9061 | Cut out button bracket | | |

SPEEDOMETER & MOUNTING (EAST COAST)

| | | | | |
|---|---|---|---|---|
| + | 19-2181 | Speedometer head m.p.h. | SMITHS | SSM5001/03 |
| + | 19-9080 | " " trip shaft | " | 41-148-203-10 |
| + | 19-9077 | " cable - 3'4" long | " | DF110/02 |
| + 120 | 68-9139 | " holder complete | | |
| + 113 | 68-9138 | " mounting rubber | | |
| 104 | 41-7808 | (2) Bolt | ) | |
| 106 | 29-5374 | (2) Distance piece | ) speedo bracket | |
| 401 | 27-8560 | (2) Plain washer | ) to top yoke | |

SPEEDOMETER & MOUNTING (WEST COAST)

| | | | |
|---|---|---|---|
| 403 | 02-0204 | (2) Bolt | ) sealing |
| 401 | 27-8560 | (2) Plain washer | ) top yoke |
| 111 | 65-3399 | Speedo drive sealing nut | |
| 101 | 15-0082 | " " " " washer | |

Items marked thus + are new components

Contd:

P.S.B. No.N14X continued.....

A.50 CYCLONE

SIDECOVERS

As A.65 LIGHTNING ROCKET specification

COLOUR FINISHES

| | | |
|---|---|---|
| Frame | Black | /007 |
| Front fork | " | /007 |
| Front fork shroud | Chrome | /003 |
| Chainguard | " | /003 |
| Sidecovers (when fitted) | Mandarin red | /201 |
| Petrol tank | Mandarin red with chrome panels and single white line | /202 |
| Petrol tank badge | Black with silver star | /119 |
| Mudguard and stays | Chrome | /003 |
| Rear number plate | Black | /007 |