

# REPLACEMENT PARTS LIST

# ARIEL 3



ESA

00-5717

# REPLACEMENT PARTS LIST

A CATALOGUE OF GENUINE



SPARES

ISSUED BY

**B.S.A. MOTOR CYCLES LTD.**

Service Department, Armoury Road,  
Birmingham 11

Telephone: 021-772 2381

Telegrams "Selmoto Birmingham"

*A Product of*

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*Registered Office and Works:* ARMOURY ROAD, BIRMINGHAM 11

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**BSA**

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## SUFFIX NUMBERS TO BE USED TO IDENTIFY VARYING FINISHES

When ordering components with varying finishes, please state finish required by adding the *appropriate number to part number*.

### Main Frame, Petrol Tank, Rear Carrier, etc.

|                 |    |    |    |    |    |    |    |    |    |      |
|-----------------|----|----|----|----|----|----|----|----|----|------|
| Bushfire Orange | .. | .. | .. | .. | .. | .. | .. | .. | .. | /224 |
| Everglade       | .. | .. | .. | .. | .. | .. | .. | .. | .. | /289 |
| Pacific         | .. | .. | .. | .. | .. | .. | .. | .. | .. | /294 |

Legshield, Front Apron .. .. . Self-colour White Plastic

### Other Parts:

|                              |    |    |    |    |    |    |    |    |    |      |
|------------------------------|----|----|----|----|----|----|----|----|----|------|
| Cadmium                      | .. | .. | .. | .. | .. | .. | .. | .. | .. | /001 |
| Dull Chrome                  | .. | .. | .. | .. | .. | .. | .. | .. | .. | /002 |
| Bright Chrome                | .. | .. | .. | .. | .. | .. | .. | .. | .. | /003 |
| Bright Zinc Clear Passivated | .. | .. | .. | .. | .. | .. | .. | .. | .. | /004 |
| Bright Gold Passivated       | .. | .. | .. | .. | .. | .. | .. | .. | .. | /005 |
| Black Enamel                 | .. | .. | .. | .. | .. | .. | .. | .. | .. | /007 |
| Silver Enamel                | .. | .. | .. | .. | .. | .. | .. | .. | .. | /031 |

### Prices:

No price codes are quoted in this list. For prices please refer to the Master Price List number 00-5198.

Wherever possible details of thread form and size are quoted after description of nuts, bolts, screws, studs and washers. Such as: 14-7006 Socket screw ( $\frac{1}{4}$ " unified coarse 1") =  $\frac{1}{4}$ " diameter unified coarse thread 1" long under head.

Vital components, which are manufactured from special material, are indicated by a sign and the British Standard symbol for the material is quoted at the foot of the page.

## PROPRIETARY PARTS

Carburetter:  
ENCARWI.

Chains:  
RENOLDS CHAINS LIMITED,  
Wythenshawe, Manchester.

Electrical Equipment:  
BOSCH FLYWHEEL MAGNETO.  
C.E.V. LIGHTING.

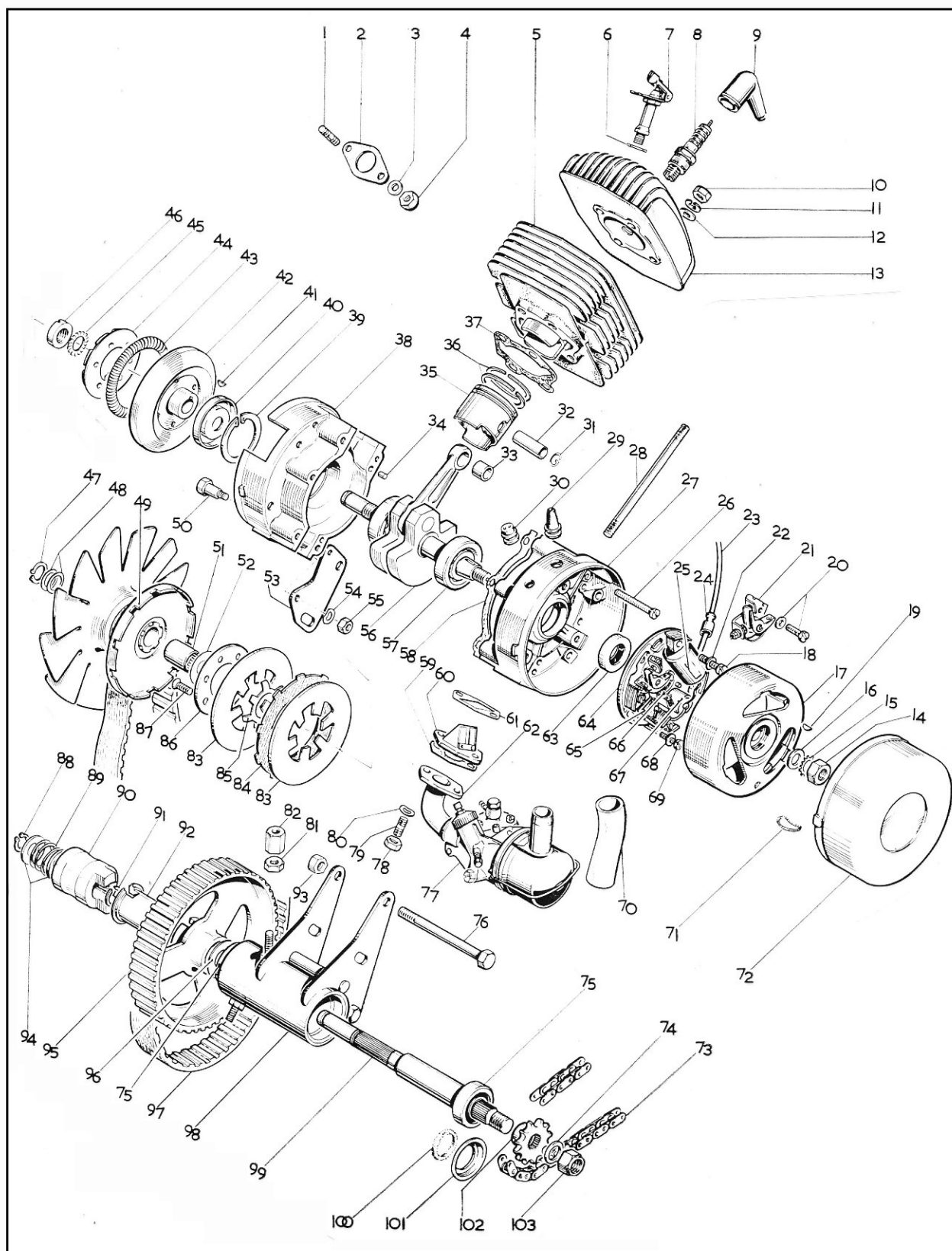
Tyres:  
DUNLOP COMPANY LIMITED,  
Fort Dunlop, Birmingham 24.

Sparking Plug:  
CHAMPION.

## INDEX

|          |                                              |         |
|----------|----------------------------------------------|---------|
| Plate 1  | ENGINE .. .. .                               | 6 - 11  |
| Plate 2. | REAR AXLE BEAM. TORSION BARS. REAR WHEELS .. | 12 - 15 |
| Plate 3  | FRAME, HANDLEBAR. SADDLE .. .                | 16 - 17 |
| Plate 4  | FRONT FORK AND WHEEL .. .                    | 18 - 19 |
| Plate 5  | PETROL TANK, EXHAUST SYSTEM, CHAINCASE ..    | 20 - 21 |
| Plate 6  | FRONT APRON, LEGSHIELDS, CARRIER ..          | 22 - 23 |
| Plate 7  | CARBURETTER, ELECTRICAL EQUIPMENT ..         | 24 - 25 |

Plate 1



## Plate 1

## ENGINE

| <i>Plate Ref.</i> | <i>Spares No.</i> | <i>Description</i>                                                                                | <i>Per Set</i> |
|-------------------|-------------------|---------------------------------------------------------------------------------------------------|----------------|
| 1.                | 71-2088           | Exhaust pipe stud .. .. .                                                                         | 2              |
| 2.                | 71-1414           | Exhaust pipe flange washer .. .. .                                                                | 1              |
| 3.                | 60-2338           | Washer, exhaust pipe mounting ( $1\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " $\times$ .056") .. .. . | 2              |
| 4.                | 14-1201           | Nut, exhaust pipe mounting ( $1\frac{1}{4}$ " unified fine) .. .. .                               | 2              |
| 5.                | 19-9871           | Cylinder barrel .. .. .                                                                           | 1              |
| 6.                | 19-9891           | Sealing washer, decompressor .. .. .                                                              | 1              |
| 7.                | 19-9890           | Decompressor complete .. .. .                                                                     | 1              |
| 8.                | 19-7633           | Spark plug (Champion L81) .. .. .                                                                 | 1              |
| 9.                | 19-9896           | Spark plug, cover .. .. .                                                                         | 1              |
| 10.               | 19-9876           | Nut, cylinder head stud (6 mm.) .. .. .                                                           | 4              |
| 11.               | 19-9875           | Spring washer, cylinder head stud (6 mm.) .. .. .                                                 | 4              |
| 12.               | 19-9874           | Washer, cylinder head stud (12 $\times$ 6 $\times$ 1.5 mm.) .. .. .                               | 4              |
| 13.               | 19-9872           | Cylinder head .. .. .                                                                             | 1              |
| 14.               | 19-9887           | Flywheel nut (10 $\times$ 1 mm.) .. .. .                                                          | 1              |
| 15.               | 19-9886           | Lockwasher, flywheel nut (10 mm.) .. .. .                                                         | 1              |
| 16.               | 19-9885           | Washer, flywheel nut (18 $\times$ 10 $\times$ 1.5 mm.) .. .. .                                    | 1              |
| 17.               | 19-9892           | Flywheel magneto complete .. .. .                                                                 | 1              |
| 17.               | 19-9893           | Magneto flywheel only .. .. .                                                                     | 1              |
| 18.               | 19-9897           | Screw, coil mounting (22 $\times$ 4 mm.) .. .. .                                                  | 4              |
| 19.               | 19-9884           | Flywheel key .. .. .                                                                              | 1              |
| 20.               | 19-9903           | Screw set, contact breaker .. .. .                                                                | 1              |
| 21.               | 19-9902           | Contact set .. .. .                                                                               | 1              |
| 22.               | 19-9899           | Washer, coil mounting (4 mm.) .. .. .                                                             | 4              |
| 23.               | 19-9895           | High-tension lead .. .. .                                                                         | 1              |
| 24.               | 19-9898           | Cover, high-tension lead .. .. .                                                                  | 1              |
| 25.               | 19-9900           | High-tension coil .. .. .                                                                         | 1              |
| 26.               | 19-9863           | Crankcase screw (45 $\times$ 5 mm.) .. .. .                                                       | 6              |
| 27.               | 19-9850           | Crankcase .. .. .                                                                                 | 1              |
| 28.               | 19-9862           | Cylinder stud .. .. .                                                                             | 4              |
| 29.               | 19-9861           | Grommet, high-tension lead .. .. .                                                                | 1              |
| 30.               | 19-9860           | Grommet, lighting lead .. .. .                                                                    | 1              |
| 31.               | 19-9879           | Circlip, gudgeon pin .. .. .                                                                      | 2              |
| 32.               | 19-9878           | Gudgeon pin .. .. .                                                                               | 1              |
| 33.               | 19-9881           | Bearing, connecting rod small-end .. .. .                                                         | 1              |
| 34.               | 19-9867           | Crankcase dowel .. .. .                                                                           | 2              |
| 35.               | 19-9877           | Piston complete (standard) .. .. .                                                                | 1              |
| 35.               | 19-9975           | Piston complete (first oversize 0.25 mm.) .. .. .                                                 | 1              |
| 35.               | 19-9976           | Piston complete (second oversize 0.50 mm.) .. .. .                                                | 1              |

## ENGINE

| Plate Ref. | Spares No. | Description                                      | Per Set  |
|------------|------------|--------------------------------------------------|----------|
| 36.        | 19-9880    | Piston ring (standard) .. .. .                   | 2        |
| 36.        | 19-9977    | Piston ring (first oversize 0.25 mm.) ..         | 2        |
| 36.        | 19-9978    | Piston ring (second oversize 0.50 mm.) ..        | 2        |
| 37.        | 19-9873    | Cylinder base gasket .. .. .                     | 1        |
| 38.        | 19-9850    | Crankcase .. .. .                                | 1        |
| 39.        | 19-9856    | Circlip, crankcase .. .. .                       | 1        |
| 40.        | 19-9857    | Oil seal .. .. .                                 | 1        |
| 41.        | 19-9884    | Key, clutch spring housing .. .. .               | 1        |
| 42.        | 19-9961*   | Clutch spring housing .. .. .                    | 1        |
| 43.        | 19-9970    | Clutch spring with balls .. .. .                 | 1        |
| 44.        | 19-9962    | Clutch hub .. .. .                               | 1        |
| 45.        | 19-9889    | Lockwasher, clutch nut .. .. .                   | 1        |
| 46.        | 19-9888    | Clutch nut (15 × 1 mm.) .. .. .                  | 1        |
| 47.        | 19-9968    | Circlip, pulley and fan (13 × 1 mm.) ..          | 1        |
| 48.        | 19-9966    | Spacing washer (0.3 mm.) .. .. .                 | as reqd. |
| 48.        | 19-9967    | Spacing washer (0.5 mm.) .. .. .                 | as reqd. |
| 49.        | 19-9960    | Pulley and fan complete with bearing ..          | 1        |
| 50.        | 19-9914    | Bolt, layshaft housing mounting plate (6 mm.) .. | 4        |
| 51.        | 19-9974    | Pulley bearing (Torrington RGB:08-1214) ..       | 1        |
| 52.        | 19-9965    | Facing washer .. .. .                            | 2        |
| 53.        | 19-9913    | Mounting plate, layshaft housing .. .. .         | 1        |
| 54.        | 19-9855    | Mounting plate washer .. .. .                    | 4        |
| 55.        | 19-9870    | Mounting plate nut (6 mm.) .. .. .               | 4        |
| 56.        | 19-9882    | Crankshaft complete .. .. .                      | 1        |
| 57.        | 19-9883    | Ball bearing (42 × 15 × 13 mm.) .. ..            | 2        |
| 58.        | 19-9851    | Crankcase gasket .. .. .                         | 1        |
| 59.        | 19-9866    | Gasket, induction pipe to membrane .. ..         | 1        |
| 60.        | 19-9853    | Inlet membrane complete .. .. .                  | 1        |
| 61.        | 19-9852    | Gasket, membrane to crankcase .. .. .            | 1        |
| 62.        | 19-9854    | Induction pipe .. .. .                           | 1        |
| 63.        | 19-9864    | Oil seal .. .. .                                 | 1        |
| 64.        | 19-9894    | Stator plate complete .. .. .                    | 1        |
| 65.        | 19-9905    | Lighting coil .. .. .                            | 1        |
| 66.        | 19-9906    | Oil wick for cam .. .. .                         | 1        |
| 67.        | 19-9907    | Condenser .. .. .                                | 1        |
| 68.        | 19-9899    | Washer, stator plate screw (4 mm.) .. ..         | 3        |
| 69.        | 19-9901    | Screw, stator plate (15 × 4 mm.) .. ..           | 3        |
| 70.        | 19-9945    | Air intake tubing (110 × 16 × 21 mm.) ..         | 1        |

\*NOTE:—Code 42 now comprises two parts

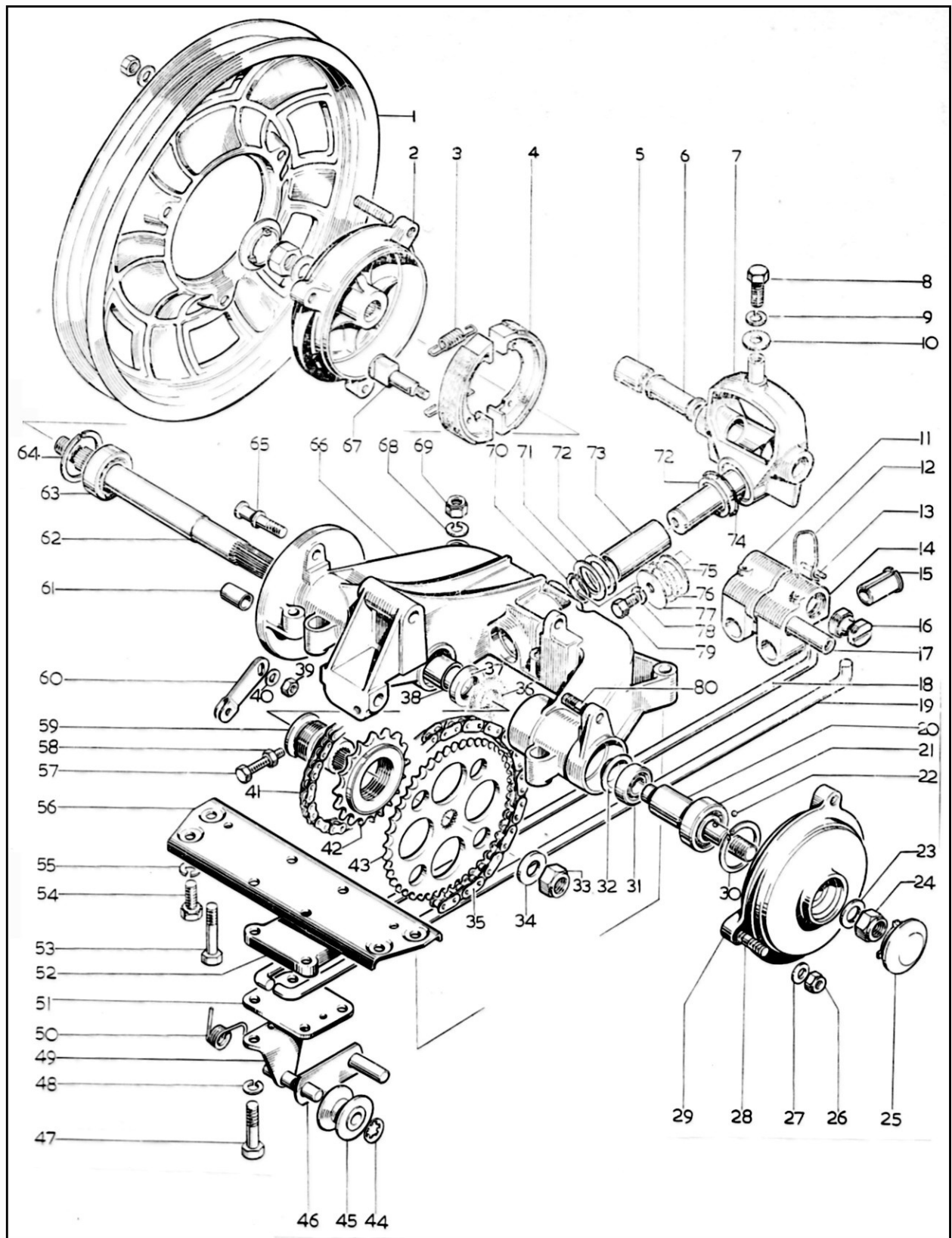
19-9961 Dish for clutch spring

19-9979 Hub for clutch spring dish

## ENGINE

| Plate Ref. | Spares No. | Description                                                                 | Per Set |
|------------|------------|-----------------------------------------------------------------------------|---------|
| 71.        | 19-9865    | Magneto cover spring clip .. .. .                                           | 2       |
| 72.        | 19-9858    | Magneto cover .. .. .                                                       | 1       |
| 73.        | 19-8696    | Final drive chain .. .. .                                                   | 1       |
| 74.        | 60-2324    | Washer, layshaft nut ( $\frac{1}{2}$ " $\times$ 1" .092") .. .. .           | 1       |
| 75.        | 70-9313    | Ballrace, layshaft housing .. .. .                                          | 2       |
| 76.        | 14-0225    | Bolt, layshaft housing ( $\frac{5}{16}$ " unified fine $\times$ 3") .. .. . | 2       |
| 77.        | 19-9926    | Carburettor complete .. .. .                                                | 1       |
| 78.        | 19-9870    | Nut, induction pipe mounting (6 mm.) .. .. .                                | 2       |
| 79.        | 19-9869    | Stud, induction pipe mounting (18 $\times$ 6 mm.) .. .. .                   | 2       |
| 80.        | 19-9855    | Undulated washer, induction pipe .. .. .                                    | 2       |
| 81.        | 14-0401    | Locknut ( $\frac{1}{4}$ " unified fine) .. .. .                             | 1       |
| 82.        | 21-2046    | Sleeve nut ( $\frac{1}{4}$ " unified fine) .. .. .                          | 1       |
| 83.        | 19-9972    | Clutch plate .. .. .                                                        | 2       |
| 84.        | 19-9973    | Clutch friction plate .. .. .                                               | 1       |
| 85.        | 19-9964    | Pressure spring .. .. .                                                     | 1       |
| 86.        | 19-9963    | Locking plate .. .. .                                                       | 1       |
| 87.        | 19-9969    | Screw, locking plate (18 $\times$ 5 mm.) .. .. .                            | 6       |
| 88.        | 60-2511    | Circlip, sliding member .. .. .                                             | 1       |
| 89.        | 57-4123    | Spring, sliding member .. .. .                                              | 1       |
| 90.        | 57-4105    | Sliding member .. .. .                                                      | 1       |
| 91.        | 60-2510    | Circlip, layshaft .. .. .                                                   | 1       |
| 92.        | 57-4138    | Blind bush, layshaft .. .. .                                                | 1       |
| 93.        | 14-1202    | Nut, layshaft housing ( $\frac{5}{16}$ " unified fine) .. .. .              | 2       |
| 94.        | 57-4122    | Support washer, layshaft .. .. .                                            | 1       |
| 95.        | 57-4137    | Layshaft pulley (49 teeth) .. .. .                                          | 1       |
| 96.        | 57-4108    | Thrust washer, layshaft .. .. .                                             | 1       |
| 97.        | 57-4140    | Primary belt .. .. .                                                        | 1       |
| 98.        | 57-4132    | Layshaft housing assembly .. .. .                                           | 1       |
| 99.        | 57-4181    | Layshaft .. .. .                                                            | 1       |
| 100.       | 37-3544    | Felt washer, layshaft .. .. .                                               | 2       |
| 101.       | 57-4259    | Grease retainer, layshaft .. .. .                                           | 2       |
| 102.       | 57-4136    | Layshaft sprocket (12 teeth) .. .. .                                        | 1       |
| 103.       | 14-1205    | Sprocket nut, layshaft ( $\frac{1}{2}$ " unified fine) .. .. .              | 1       |

For colour suffixes see page 3.



## Plate 2

## REAR AXLE BEAM, TORSION BARS, REAR WHEELS

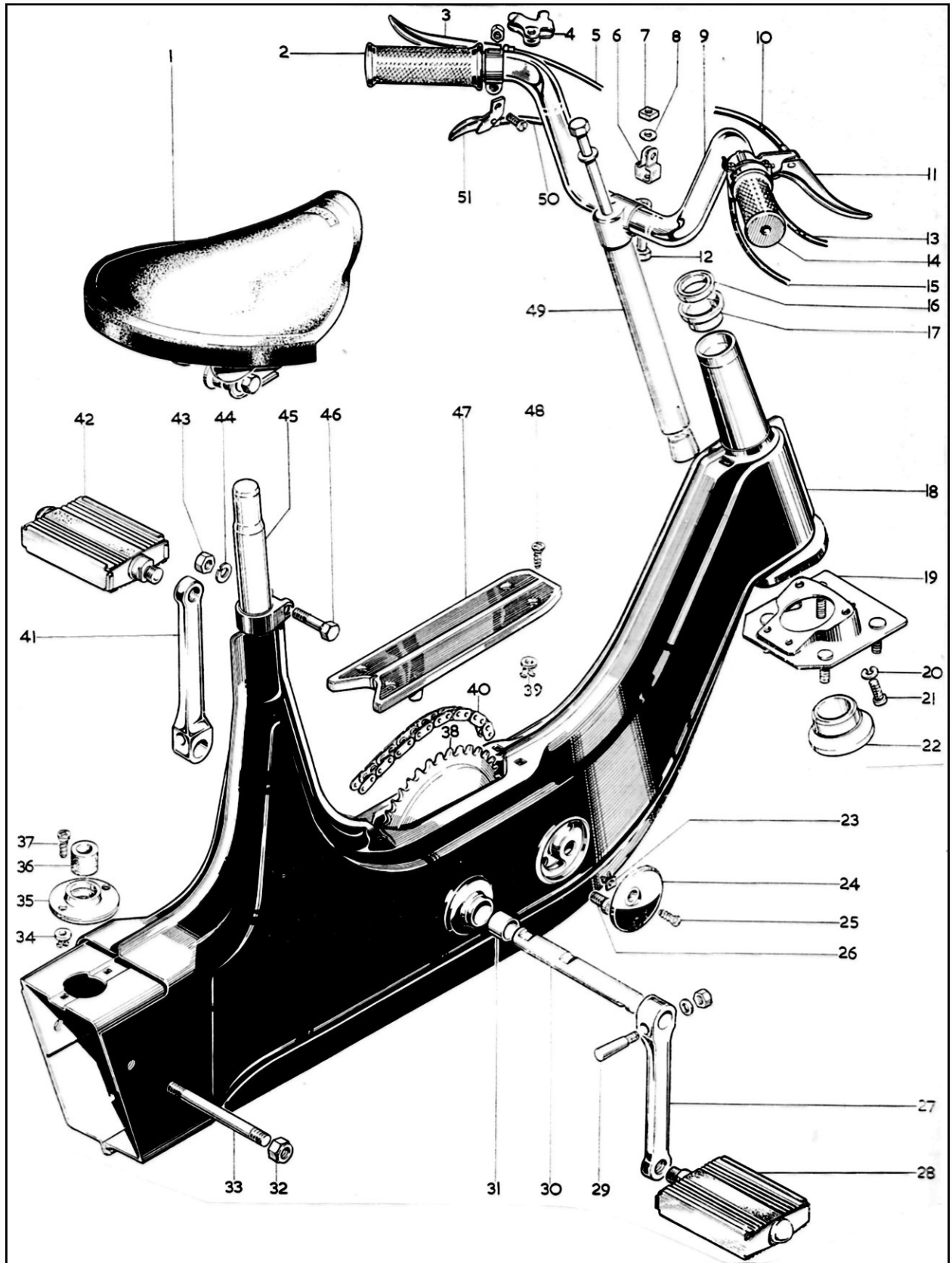
| Plate Ref. | Spares No. | Description                                                                                                         | Per Set |
|------------|------------|---------------------------------------------------------------------------------------------------------------------|---------|
| 1.         | 37-3644    | Rear wheel .. .. .                                                                                                  | 2       |
| 2.         | 37-3640    | Rear brake drum (left-hand) .. .. .                                                                                 | 1       |
| 3.         | 37-3493    | Brake shoe spring .. .. .                                                                                           | 2       |
| 4.         | 37-3498    | Brake shoe complete .. .. .                                                                                         | 2       |
| 5.         | 97-1527    | Trunnion silentbloc .. .. .                                                                                         | 2       |
| 6.         | 83-1489    | Trunnion distance piece .. .. .                                                                                     | 1       |
| 7.         | 83-1694    | Trunnion complete .. .. .                                                                                           | 1       |
| 8.         | 14-0101    | Bolt, bump stop mounting ( $\frac{1}{4}$ " unified fine $\times \frac{1}{2}$ ") .. .. .                             | 1       |
| 9.         | 60-2417    | Spring washer, bump stop mounting ( $\frac{1}{4}$ " $\times \frac{1}{4}$ " $\times .425$ " $\times .072$ ") .. .. . | 1       |
| 10.        | 76-0101    | Washer, bump stop mounting ( $\frac{1}{4}$ " $\times \frac{1}{4}$ " $\times .265$ " $\times .080$ ") .. .. .        | 1       |
| 11.        | 83-1722    | Mounting block (left-hand) .. .. .                                                                                  | 1       |
| 12.        | 83-1719    | Locking clip, torsion bar adjuster .. .. .                                                                          | 2       |
| 13.        | 83-1699    | Roll pin, mounting block ( $\frac{1}{8}$ " $\times \frac{7}{8}$ ") .. .. .                                          | 2       |
| 14.        | 83-1723    | Mounting block (right-hand) .. .. .                                                                                 | 1       |
| 15.        | 83-1713    | Nylon bush, torsion bar .. .. .                                                                                     | 2       |
| 16.        | 83-1704    | Adjusting screw, torsion bar .. .. .                                                                                | 2       |
| 17.        | 83-1474    | Support tube, mounting blocks .. .. .                                                                               | 1       |
| 18.        | 83-1714    | Torsion bar (left-hand) .. .. .                                                                                     | 1       |
| 19.        | 83-1715    | Torsion bar (right-hand) .. .. .                                                                                    | 1       |
| 20.        | 37-3678    | Spindle complete (right-hand) .. .. .                                                                               | 1       |
| 21.        | 70-9313    | Ballrace (right-hand outer) .. .. .                                                                                 | 1       |
| 22.        | 60-2362    | Steel ball ( $\frac{3}{16}$ " diameter) .. .. .                                                                     | 1       |
| 23.        | 60-2324    | Washer, hub nut ( $\frac{1}{2}$ " $\times 1$ " $\times .092$ ") .. .. .                                             | 2       |
| 24.        | 14-1205    | Locknut, wheel hub ( $\frac{1}{2}$ " unified fine) .. .. .                                                          | 2       |
| 25.        | 37-3632    | Hub cap .. .. .                                                                                                     | 2       |
| 26.        | 14-1202    | Wheel nut ( $\frac{5}{16}$ " unified fine) .. .. .                                                                  | 6       |
| 27.        | 60-2321    | Washer, wheel mounting ( $\frac{5}{16}$ " $\times \frac{5}{8}$ " $\times .072$ ") .. .. .                           | 6       |
| 28.        | 21-2025    | Stud, wheel mounting ( $\frac{5}{16}$ " unified fine $\times 1$ ") .. .. .                                          | 6       |
| 29.        | 37-3642    | Wheel hub (right-hand) .. .. .                                                                                      | 1       |
| 30.        | 70-9311    | Circlip, spindle ballrace .. .. .                                                                                   | 1       |
| 31.        | 90-5525    | Ballrace (right-hand inner) .. .. .                                                                                 | 1       |
| 32.        | 83-1887    | Dust cover, axle beam .. .. .                                                                                       | 1       |
| 33.        | 14-1205    | Locknut, chainwheel mounting ( $\frac{1}{2}$ " unified fine) .. .. .                                                | 1       |
| 34.        | 57-4060    | Recessed washer, chainwheel .. .. .                                                                                 | 1       |
| 35.        | 19-8696    | Final drive chain .. .. .                                                                                           | 1       |
| 36.        | 57-4261    | Felt washer, axle beam .. .. .                                                                                      | 1       |
| 37.        | 37-3631    | Oil seal, axle beam .. .. .                                                                                         | 1       |
| 38.        | 57-4061    | Bush, axle beam .. .. .                                                                                             | 1       |
| 39.        | 14-1201    | Nut, rear brake lever to cam ( $\frac{1}{4}$ " unified fine) .. .. .                                                | 1       |
| 40.        | 54-9081    | Washer, rear brake lever to cam ( $\frac{1}{4}$ " $\times \frac{3}{16}$ " $\times .078$ ") .. .. .                  | 1       |
| 41.        | 19-8697    | Pedal chain .. .. .                                                                                                 | 1       |

## Plate 2—continued

## REAR AXLE BEAM, TORSION BARS, REAR WHEEL

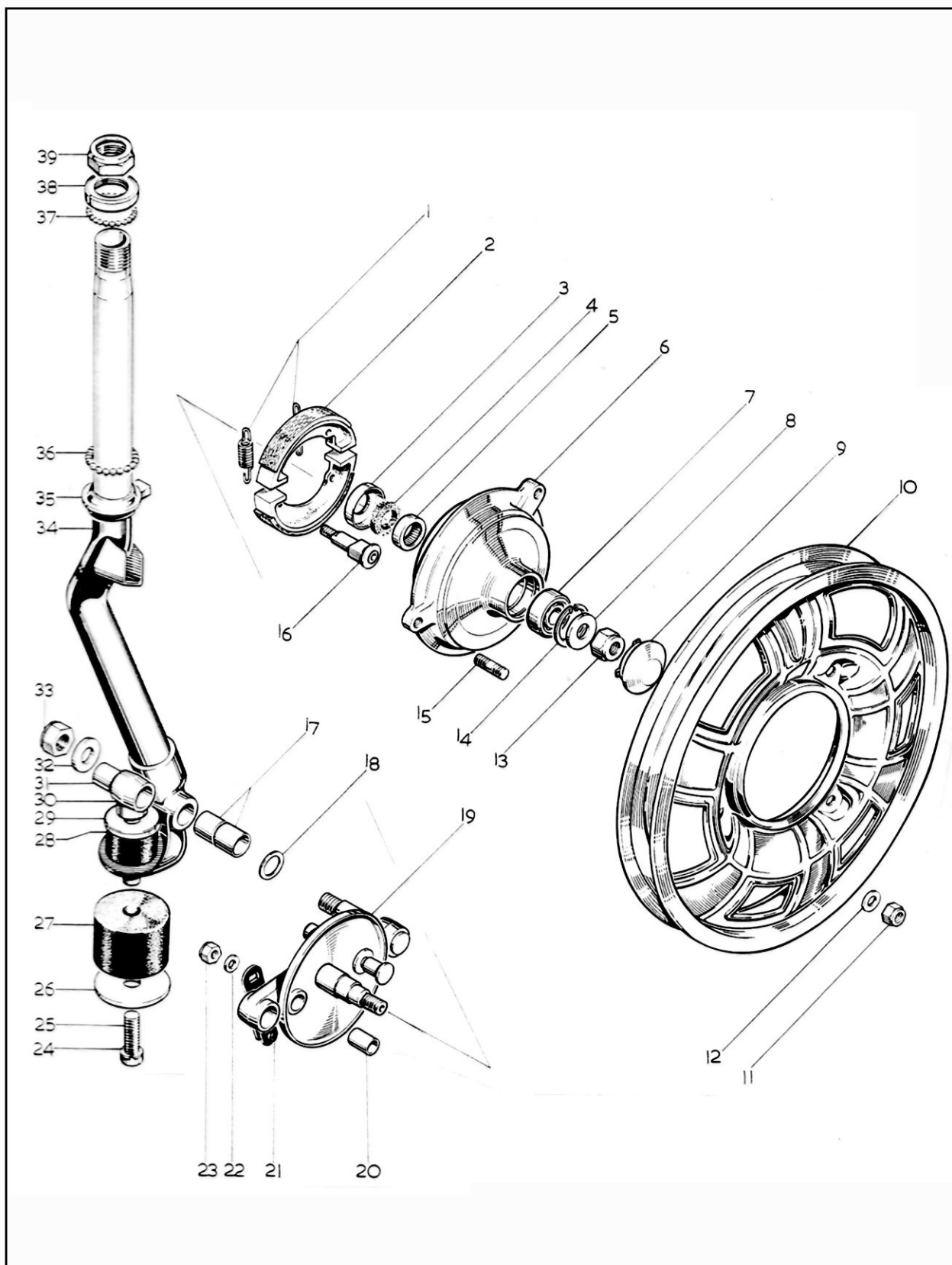
| Plate Ref. | Spares No. | Description                                                                                   | Per Set |
|------------|------------|-----------------------------------------------------------------------------------------------|---------|
| 42.        | 57-3966    | Freewheel (18 teeth) .. .. .                                                                  | 1       |
| 43.        | 57-4142    | Chainwheel (46 teeth) .. .. .                                                                 | 1       |
| 44.        | 57-3847    | "Spirefix" chain tensioner .. .. .                                                            | 1       |
| 45.        | 57-3834    | Pulley, chain tensioner .. .. .                                                               | 1       |
| 46.        | 57-3963    | Tensioner arm complete .. .. .                                                                | 1       |
| 47.        | 14-6219    | Bolt, tensioner bracket ( $\frac{5}{16}$ " unified coarse $1\frac{1}{2}$ ") .. .. .           | 4       |
| 48.        | 60-2418    | Washer, tensioner bracket ( $\frac{5}{16}$ " $\times$ $\frac{1}{2}$ " $\times$ .080") .. .. . | 4       |
| 49.        | 57-3960    | Chain Tensioner bracket .. .. .                                                               | 1       |
| 50.        | 57-3965    | Spring, chain tensioner .. .. .                                                               | 1       |
| 51.        | 83-1791    | Rear clamp, torsion bar .. .. .                                                               | 1       |
| 52.        | 83-1792    | Mounting block, torsion bar .. .. .                                                           | 1       |
| 53.        | 14-0206    | Bolt, support channel ( $\frac{1}{4}$ " unified fine $1\frac{3}{4}$ ") .. .. .                | 2       |
| 54.        | 14-6103    | Set-screw, support channel ( $\frac{1}{4}$ " unified coarse $\frac{3}{4}$ ") .. .. .          | 2       |
| 55.        | 60-2417    | Lockwasher, support channel ( $\frac{1}{4}$ " $\times$ .425" $\times$ .072") .. .. .          | 2       |
| 56.        | 83-1793    | Support channel .. .. .                                                                       | 1       |
| 57.        | 14-6107    | Adjuster screw, final drive chain ( $\frac{1}{4}$ " unified coarse $1\frac{1}{2}$ ") .. .. .  | 1       |
| 58.        | 14-6401    | Nut, adjuster screw ( $\frac{1}{4}$ " unified coarse) .. .. .                                 | 1       |
| 59.        | 57-4141    | Freewheel boss .. .. .                                                                        | 1       |
| 60.        | 37-3626    | Brake cam lever complete .. .. .                                                              | 1       |
| 61.        | 37-3546    | Brake cam spindle bush .. .. .                                                                | 1       |
| 62.        | 57-4118    | Drive shaft complete .. .. .                                                                  | 1       |
| 63.        | 70-9313    | Bearing, drive shaft .. .. .                                                                  | 1       |
| 64.        | 70-9311    | Circlip, drive shaft bearing .. .. .                                                          | 1       |
| 65.        | 37-3637    | Rear brake fulcrum pin .. .. .                                                                | 1       |
| 66.        | 83-1849    | Rear axle beam complete .. .. .                                                               | 1       |
| 67.        | 37-3629    | Rear brake cam complete .. .. .                                                               | 1       |
| 68.        | 60-2417    | Lockwasher, rear carrier .. .. .                                                              | 2       |
| 69.        | 14-1201    | Locknut, rear carrier ( $\frac{1}{4}$ " unified fine) .. .. .                                 | 2       |
| 70.        | 83-1484    | Circlip, trunnion .. .. .                                                                     | 1       |
| 71.        | 82-9939    | Thrust washer, trunnion .. .. .                                                               | 1       |
| 72.        | 83-1705    | End washer, trunnion .. .. .                                                                  | 2       |
| 73.        | 83-1703    | Bush, rear axle .. .. .                                                                       | 1       |
| 74.        | 83-1954    | "O" ring, trunnion pivot .. .. .                                                              | 1       |
| 75.        | 83-1946    | Spacing washer, trunnion pivot .. .. .                                                        | 1       |
| 76.        | 83-1947    | Felt washer, trunnion pivot .. .. .                                                           | 1       |
| 77.        | 83-1945    | Sealing washer, trunnion pivot .. .. .                                                        | 1       |
| 78.        | 60-2417    | Lockwasher, trunnion pivot ( $\frac{1}{4}$ " $\times$ .425" $\times$ .072") .. .. .           | 1       |
| 79.        | 14-0101    | Bolt, trunnion pivot ( $\frac{1}{4}$ " unified fine $1\frac{1}{2}$ ") .. .. .                 | 1       |
| 80.        | 21-2025    | Stud, rear carrier mounting ( $\frac{5}{16}$ " unified fine 1") .. .. .                       | 1       |

For colour suffixes see page 3.



| Plate Ref. | Spares No. | Description                                                                                      | Per Set |
|------------|------------|--------------------------------------------------------------------------------------------------|---------|
| 1.         | 19-6510    | Saddle .. .. .                                                                                   | 1       |
| 2.         | 60-2467    | Handlebar grip (left-hand) .. .                                                                  | 1       |
| 3.         | 60-2478    | Brake lever (left-hand) .. .                                                                     | 1       |
| 4.         | 60-2518    | Parking latch .. .                                                                               | 1       |
| 5.         | 60-2501    | Control cable, rear brake .. .                                                                   | 1       |
| 6.         | 83-1707    | Headlamp bracket .. .                                                                            | 1       |
| 7.         | 21-2041    | Nut, headlamp bracket ( $\frac{5}{16}$ " unified fine) .. .                                      | 1       |
| 8.         | 60-2321    | Washer, headlamp bracket ( $\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ .072") .. .        | 1       |
| 9.         | 60-2458    | Handlebar bend .. .                                                                              | 1       |
| 10.        | 60-2500    | Control cable, front brake .. .                                                                  | 1       |
| 11.        | 60-2479    | Brake lever (right-hand) .. .                                                                    | 1       |
| 12.        | 14-0219    | Bolt, handlebar mounting ( $\frac{5}{16}$ " unified fine 1 $\frac{1}{2}$ ") .. .                 | 1       |
| 13.        | 60-2502    | Throttle control cable .. .                                                                      | 1       |
| 14.        | 60-2469    | Twist, decompressor control .. .                                                                 | 1       |
| 15.        | 60-2504    | Decompressor control cable .. .                                                                  | 1       |
| 16.        | 60-2465    | Top ballrace cup, steering head .. .                                                             | 1       |
| 17.        | 83-1480    | Top ballrace seating .. .                                                                        | 1       |
| 18.        | 83-1663    | Frame complete .. .                                                                              | 1       |
| 19.        | 83-2723    | Mounting plate .. .                                                                              | 1       |
| 20.        | 60-2417    | Lockwasher, mounting plate screw ( $\frac{1}{4}$ " $\times$ .425" $\times$ .072") .. .           | 4       |
| 21.        | 14-0603    | Screw, mounting plate ( $\frac{1}{4}$ " unified fine $\frac{3}{8}$ ") .. .                       | 4       |
| 22.        | 97-3837    | Lower ballrace cup, steering head .. .                                                           | 1       |
| 23.        | 83-1724    | Nut, torsion bar cover .. .                                                                      | 2       |
| 24.        | 83-1702    | Front cover, torsion bar mounting .. .                                                           | 2       |
| 25.        | 60-2464    | Cover screw .. .                                                                                 | 2       |
| 26.        | 14-0618    | Screw, torsion bar mounting block ( $\frac{5}{16}$ " unified fine $\frac{5}{8}$ ") .. .          | 2       |
| 27.        | 57-3845    | Pedal crank (right-hand) .. .                                                                    | 1       |
| 28.        | 57-4065    | Pedal (right-hand) .. .                                                                          | 1       |
| 29.        | 57-4093    | Crank cotter, nut, and washer complete .. .                                                      | 3       |
| 30.        | 57-4124    | Axle, cranks and chainwheel .. .                                                                 | 1       |
| 31.        | 83-1672    | Axle bush .. .                                                                                   | 2       |
| 32.        | 14-1203    | Locknut, trunnion mounting stud ( $\frac{3}{8}$ " unified fine) .. .                             | 2       |
| 33.        | 21-1959    | Stud, trunnion mounting ( $\frac{3}{8}$ " unified fine 4-13'16") .. .                            | 1       |
| 34.        | 83-1711    | Nut, bump stop housing .. .                                                                      | 2       |
| 35.        | 83-1700    | Bump stop housing .. .                                                                           | 1       |
| 36.        | 83-1488    | Bump stop .. .                                                                                   | 1       |
| 37.        | 60-2408    | Screw, bump stop housing .. .                                                                    | 2       |
| 38.        | 57-3846    | Chainwheel .. .                                                                                  | 1       |
| 39.        | 83-1711    | Nut, frame cover .. .                                                                            | 4       |
| 40.        | 19-8697    | Pedal chain .. .                                                                                 | 1       |
| 41.        | 57-3844    | Pedal crank (left-hand) .. .                                                                     | 1       |
| 42.        | 57-4064    | Pedal (left-hand) .. .                                                                           | 1       |
| 43.        | 14-0302    | Nut, saddle pillar clamp ( $\frac{5}{16}$ " unified fine) .. .                                   | 1       |
| 44.        | 60-2418    | Lockwasher, saddle pillar clamp ( $\frac{5}{16}$ " $\times$ $\frac{1}{2}$ " $\times$ .080") .. . | 1       |
| 45.        | 83-1706    | Saddle pillar .. .                                                                               | 1       |
| 46.        | 14-0220    | Bolt, saddle pillar clamp ( $\frac{5}{16}$ " unified fine 1 $\frac{3}{4}$ ") .. .                | 1       |
| 47.        | 83-1836    | Frame cover complete .. .                                                                        | 1       |
| 48.        | 60-2397    | Screw, frame cover .. .                                                                          | 4       |
| 49.        | 60-2555    | Steering stem complete .. .                                                                      | 1       |
| 50.        | 60-2503    | Choke control cable .. .                                                                         | 1       |
| 51.        | 60-2468    | Carburettor choke control trigger .. .                                                           | 1       |

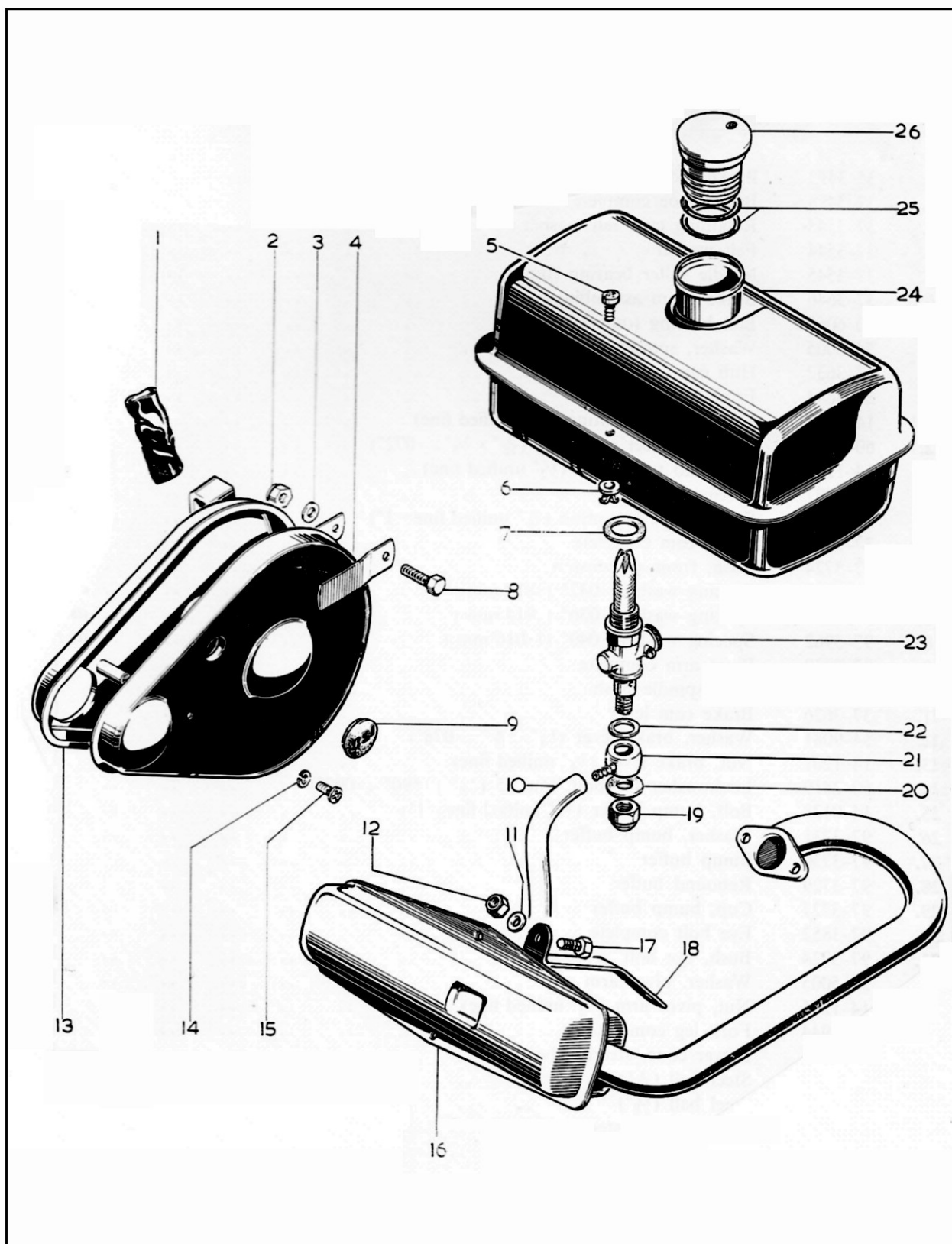
For colour suffixes see page 3.



## FRONT FORK AND WHEEL

| Plate Ref. | Spares No. | Description                                                                                | Per Set  |
|------------|------------|--------------------------------------------------------------------------------------------|----------|
| 1.         | 37-3493    | Brake shoe spring .. .. .                                                                  | 2        |
| 2.         | 37-3498    | Brake shoe complete .. .. .                                                                | 2        |
| 3.         | 37-3543 ✓  | Retaining cup, felt washer .. .. .                                                         | 1        |
| 4.         | 37-3544 ✓  | Felt washer .. .. .                                                                        | 1        |
| 5.         | 37-3545 ✓  | Needle roller bearing (inner) .. .. .                                                      | 1        |
| 6.         | 37-3646 ✓  | Brake drum assembly .. .. .                                                                | 1        |
| 7.         | 90-6063 ✓  | Ball bearing (outer) .. .. .                                                               | 1        |
| 8.         | 54-5005 ✓  | Washer, spindle nut .. .. .                                                                | 1        |
| 9.         | 57-3632    | Hub cap .. .. .                                                                            | 1        |
| 10.        | 37-3644    | Front wheel .. .. .                                                                        | 1        |
| 11.        | 14-1202 ✓  | Nut, wheel mounting ( $\frac{5}{16}$ " unified fine) .. .. .                               | 3        |
| 12.        | 60-2321 ✓  | Washer, wheel mounting ( $\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ .072") .. .. . | 3        |
| 13.        | 14-1205 ✓  | Nut, hub to spindle ( $\frac{1}{2}$ " unified fine) .. .. .                                | 1        |
| 14.        | 37-3497 ✓  | Circlip, front hub .. .. .                                                                 | 1        |
| 15.        | 21-2025 ✓  | Stud, wheel mounting ( $\frac{5}{16}$ " unified fine $\times$ 1") .. .. .                  | 3        |
| 16.        | 37-3629    | Brake cam complete .. .. .                                                                 | 1        |
| 17.        | 97-3724    | Bush, front suspension .. .. .                                                             | 2        |
| 18.        | 97-3960    | Spacing washer .032" (.812 mm.) .. .. .                                                    | as reqd. |
| 18.        | 97-3961    | Spacing washer .036" (.914 mm.) .. .. .                                                    | as reqd. |
| 18.        | 97-3962    | Spacing washer .040" (1.016 mm.) .. .. .                                                   | as reqd. |
| 19.        | 97-3939    | Pivot arm complete .. .. .                                                                 | 1        |
| 20.        | 37-3546    | Cam spindle bush .. .. .                                                                   | 1        |
| 21.        | 37-3626    | Brake cam lever .. .. .                                                                    | 1        |
| 22.        | 54-9081    | Washer, brake lever ( $\frac{1}{4}$ " $\times$ $\frac{9}{16}$ " $\times$ .078") .. .. .    | 1        |
| 23.        | 14-1201    | Nut, brake lever ( $\frac{1}{4}$ " unified fine) .. .. .                                   | 1        |
| 24.        | 60-2419    | Lockwasher for bolt, line 25 ( $\frac{3}{8}$ " $\times$ .590" $\times$ .092") .. .. .      | 1        |
| 25.        | 14-0128    | Bolt, bump buffer ( $\frac{3}{8}$ " unified fine $\times$ 1") .. .. .                      | 1        |
| 26.        | 97-3731    | Washer, bump buffer .. .. .                                                                | 1        |
| 27.        | 97-3730    | Bump buffer .. .. .                                                                        | 1        |
| 28.        | 97-3729    | Rebound buffer .. .. .                                                                     | 1        |
| 29.        | 97-3727    | Cup, bump buffer .. .. .                                                                   | 1        |
| 30.        | 97-3852    | Eye bolt complete .. .. .                                                                  | 1        |
| 31.        | 97-3724    | Bush, eye bolt .. .. .                                                                     | 1        |
| 32.        | 54-5005    | Washer, pivot arm .. .. .                                                                  | 1        |
| 33.        | 14-1205    | Nut, pivot arm ( $\frac{1}{2}$ " unified fine) .. .. .                                     | 1        |
| 34.        | 97-3944    | Fork leg complete .. .. .                                                                  | 1        |
| 35.        | 97-3836    | Lower cone, steering head .. .. .                                                          | 1        |
| 36.        | 60-2362    | Steel ball ( $\frac{3}{16}$ " .. .. .                                                      | 26       |
| 37.        | 60-2360    | Steel ball ( $\frac{1}{8}$ " .. .. .                                                       | 30       |
| 38.        | 60-2466    | Screwed race, steering head .. .. .                                                        | 1        |
| 39.        | 97-3869    | Locknut, steering head .. .. .                                                             | 1        |

For colour suffixes see page 3.

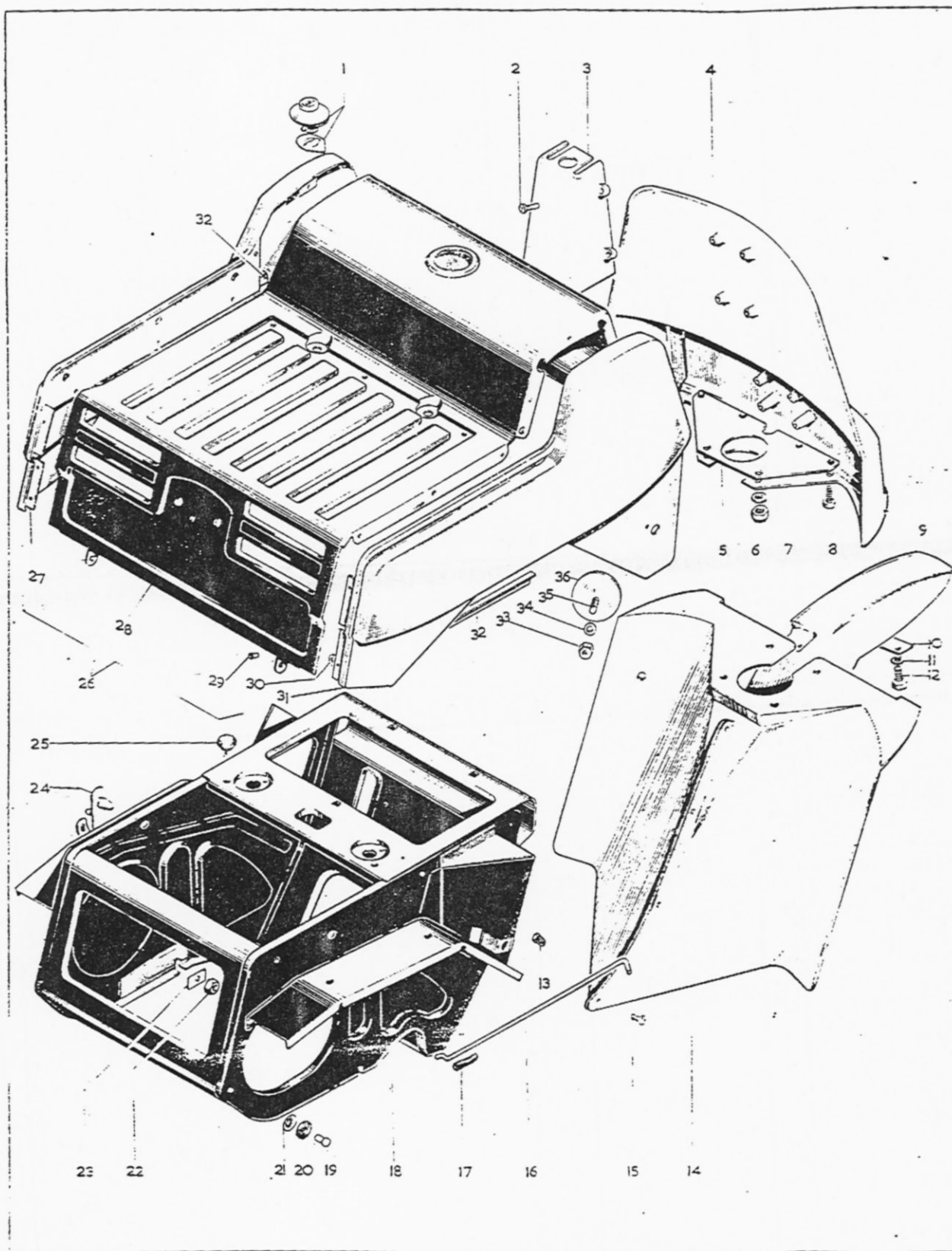


## PETROL TANK, EXHAUST SYSTEM, CHAINCASE

| Plate Ref. | Spares No. | Description                                                                              | Per Set |
|------------|------------|------------------------------------------------------------------------------------------|---------|
| 1.         | 57-4210    | Chain guide covering .. .. .                                                             | 1       |
| 2.         | 14-1201    | Nut, chaincase front mounting ( $\frac{1}{4}$ " unified fine) .. .. .                    | 1       |
| 3.         | 60-2329    | Washer, chaincase front mounting ( $\frac{1}{4}$ " $\frac{3}{16}$ " -036") .. .. .       | 1       |
| 4.         | 57-4148    | Chaincase outer cover .. .. .                                                            | 1       |
| 5.         | 60-2408    | Screw, petrol tank mounting .. .. .                                                      | 3       |
| 6.         | 83-1711    | Nut, petrol tank mounting .. .. .                                                        | 3       |
| 7.         | 24-8504    | Washer, petrol tap .. .. .                                                               | 1       |
| 8.         | 14-0104    | Bolt, chaincase front mounting ( $\frac{1}{4}$ " unified fine $\frac{7}{8}$ ") .. .. .   | 1       |
| 9.         | 42-8010    | Grommet, chaincase .. .. .                                                               | 1       |
| 10.        | 83-1844    | Petrol pipe .. .. .                                                                      | 1       |
| 11.        | 60-2338    | Washer, silencer mounting ( $\frac{1}{4}$ " $\times \frac{5}{8}$ " -056") .. .. .        | 2       |
| 12.        | 14-1201    | Nut, silencer mounting ( $\frac{1}{4}$ " unified fine) .. .. .                           | 2       |
| 13.        | 57-4143    | Chaincase inner cover .. .. .                                                            | 1       |
| 14.        | 60-2427    | Lockwasher, chaincase mounting ( $\frac{1}{4}$ " $\times \frac{1}{2}$ " -064") .. .. .   | 1       |
| 15.        | 14-0101    | Screw, chaincase mounting ( $\frac{1}{4}$ " unified fine $\times \frac{1}{2}$ ") .. .. . | 1       |
| 16.        | 71-1384    | Exhaust system complete .. .. .                                                          | 1       |
| 17.        | 14-0102    | Bolt, silencer mounting ( $\frac{1}{4}$ " unified fine $\times \frac{5}{8}$ ") .. .. .   | 1       |
| 18.        | 71-1889    | Silencer bracket .. .. .                                                                 | 1       |
| 19.        | 67-8060    | Domed nut, petrol pipe .. .. .                                                           | 1       |
| 20.        | 02-0930    | Washer, petrol pipe banjo .. .. .                                                        | 1       |
| 21.        | 42-8073    | Petrol pipe banjo .. .. .                                                                | 1       |
| 22.        | 02-C100    | Washer, petrol pipe banjo .. .. .                                                        | 1       |
| 23.        | 42-8075    | Petrol tap .. .. .                                                                       | 1       |
| 24.        | 83-1383    | Petrol tank .. .. .                                                                      | 1       |
| 25.        | 54-8005    | "O" ring, filler cap .. .. .                                                             | 2       |
| 26.        | 54-8039    | Filler cap complete .. .. .                                                              | 1       |

For colour suffixes see page 3.

Plate 6



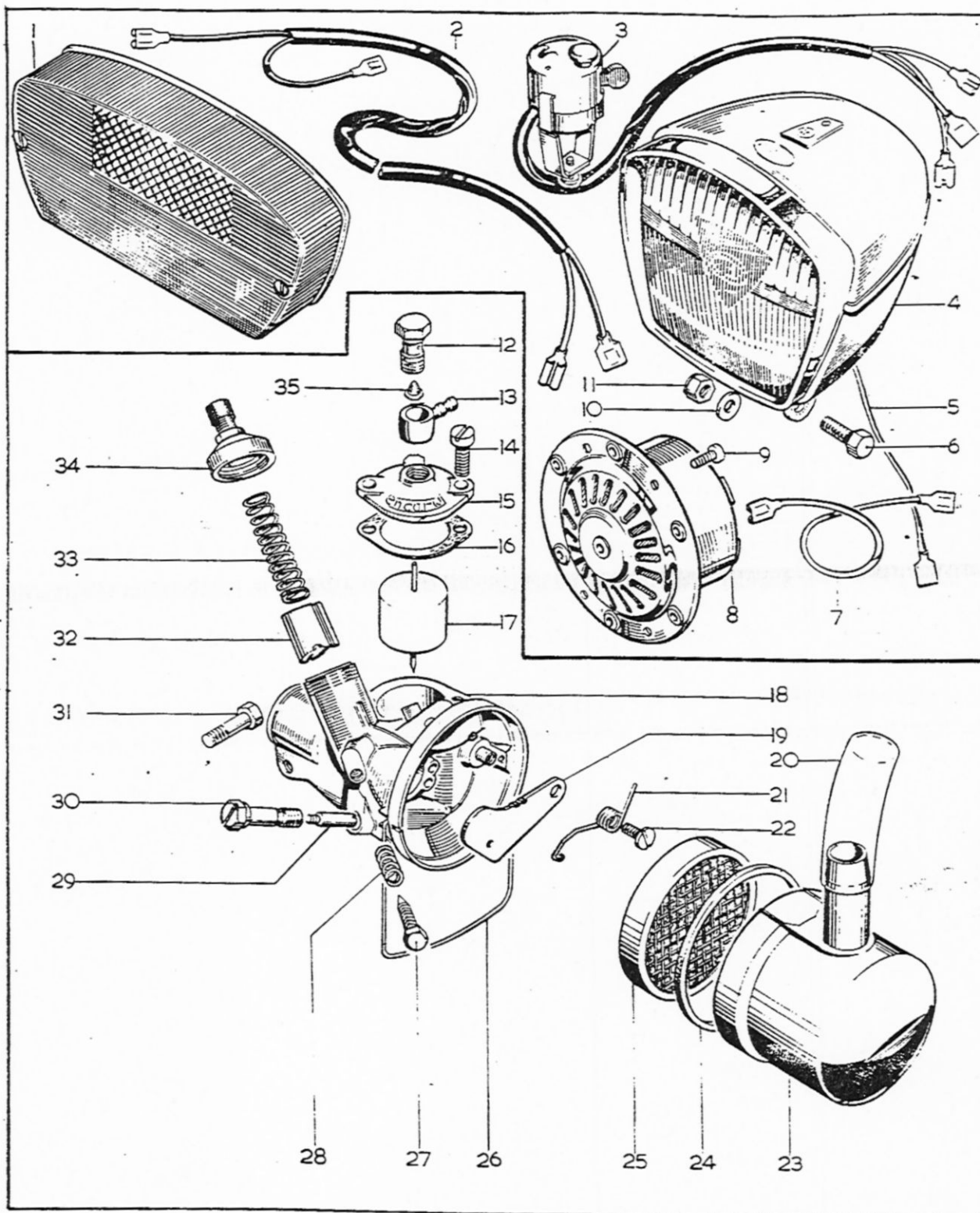
## Plate 6

## FRONT APRON, LEGSHIELDS\*, CARRIER

| Plate Ref. | Spares No. | Description                                                                                 | Per Set |
|------------|------------|---------------------------------------------------------------------------------------------|---------|
| 1.         | 83-1710    | Rotolock complete .. .. .                                                                   | 4       |
| 2.         | 97-1385    | Screw, cable cover .. .. .                                                                  | 4       |
| 3.         | 83-1290    | Cable cover .. .. .                                                                         | 1       |
| 4.         | 83-1256    | Front apron .. .. .                                                                         | 1       |
| 5.         | 83-1732    | Support plate, apron legshield .. .. .                                                      | 1       |
| 6.         | 14-1201    | Locknut, apron/legshield ( $\frac{1}{4}$ " unified fine) .. .. .                            | 4       |
| 7.         | 60-2320    | Washer, apron/legshield ( $\frac{1}{4}$ " $\times$ $\frac{9}{16}$ " $\times$ .056") .. .. . | 4       |
| 8.         | 83-1811    | Screw, apron to shield .. .. .                                                              | 6       |
| 9.         | 97-3978    | Front mudguard .. .. .                                                                      | 1       |
| 10.        | 83-1731    | Support plate, front mudguard .. .. .                                                       | 1       |
| 11.        | 60-2417    | Lockwasher, front mudguard ( $\frac{1}{4}$ " $\times$ .425" $\times$ .072") .. .. .         | 1       |
| 12.        | 14-0102    | Bolt, front mudguard ( $\frac{1}{4}$ " unified fine $\times$ $\frac{5}{8}$ ") .. .. .       | 1       |
| 13.        | 83-1843    | Clip, steady rod .. .. .                                                                    | 1       |
| 14.        | 83-1271    | Legshield .. .. .                                                                           | 1       |
| 15.        | 83-1812    | Screw, legshield (No. 6 self-tapping) .. .. .                                               | 6       |
| 16.        | 83-1747    | Steady rod .. .. .                                                                          | 1       |
| 17.        | 83-1748    | Rubber sleeve, steady rod .. .. .                                                           | 1       |
| 18.        | 83-1738    | Rear carrier complete .. .. .                                                               | 1       |
| 19.        | 83-1708    | Hinge pin, rear carrier .. .. .                                                             | 2       |
| 20.        | 83-1683    | Washer, hinge pin .. .. .                                                                   | 2       |
| 21.        | 83-1712    | "Spirefix" hinge pin .. .. .                                                                | 2       |
| 22.        | 14-1202    | Nut, carrier mounting ( $\frac{5}{16}$ " unified fine) .. .. .                              | 2       |
| 23.        | 83-1900    | Location plate, carrier .. .. .                                                             | 2       |
| 24.        | 60-3105    | Cable clip .. .. .                                                                          | 3       |
| 25.        | 83-1727    | Rubber buffer, carrier .. .. .                                                              | 2       |
| 26.        | 83-1845    | Rear cover complete .. .. .                                                                 | 1       |
| 27.        | 83-1266    | Side cover (left-hand) .. .. .                                                              | 1       |
| 28.        | 83-1728    | Platform complete .. .. .                                                                   | 1       |
| 29.        | 60-2463    | Rivet, side cover .. .. .                                                                   | 20      |
| 30.        | 82-2351    | Washer, side cover rivet .. .. .                                                            | 14      |
| 31.        | 83-1265    | Side cover (right-hand) .. .. .                                                             | 1       |
| 32.        | 83-2875    | Backing strip, side cover .. .. .                                                           | 2       |
| 33.        | 14-1301    | Nut, licence holder ( $\frac{1}{4}$ " unified fine) .. .. .                                 | 1       |
| 34.        | 60-2320    | Washer, licence holder ( $\frac{1}{4}$ " $\times$ $\frac{9}{16}$ " $\times$ .056") .. .. .  | 1       |
| 35.        | 14-0101    | Bolt, licence holder ( $\frac{1}{4}$ " unified fine $\times$ $\frac{1}{2}$ ") .. .. .       | 1       |
| 36.        | 42-9273    | Licence holder .. .. .                                                                      | 1       |

\*When fitted.

For colour suffixes see page 3.



## CARBURETTER, ELECTRICAL EQUIPMENT

| Plate Ref. | Spares No. | Description                                                                                  | Per Set |
|------------|------------|----------------------------------------------------------------------------------------------|---------|
| 1.         | 19-1047    | Rear lamp complete .. .. .                                                                   | 1       |
|            | 19-1050    | Rear lamp bulb .. .. .                                                                       | 1       |
| 2.         | 19-1327    | Main wiring harness .. .. .                                                                  | 1       |
| 3.         | 19-1325    | Switch/horn button with lead .. .. .                                                         | 1       |
| 4.         | 19-1046    | Headlamp complete .. .. .                                                                    | 1       |
|            | 19-1049    | Headlamp bulb .. .. .                                                                        | 1       |
| 5.         | 19-1048    | Headlamp lead .. .. .                                                                        | 1       |
| 6.         | 14-0103    | Headlamp bolt ( $\frac{1}{4}$ " unified fine $\frac{3}{4}$ " .. .. .                         | 1       |
| 7.         | 19-1326    | Horn lead .. .. .                                                                            | 1       |
| 8.         | 19-2078    | Horn (for use with legshields) .. .. .                                                       | 1       |
| 8.         | 19-2079    | Horn (for use without legshields) .. .. .                                                    | 1       |
| 9.         | 54-5036    | Horn mounting screw .. .. .                                                                  | 2       |
| 10.        | 60-2329    | Headlamp mounting washer ( $\frac{1}{4}$ " $\times$ $\frac{9}{16}$ " $\times$ .036") .. .. . | 1       |
| 11.        | 14-0701    | Headlamp mounting nut ( $\frac{1}{4}$ " unified fine) .. .. .                                | 1       |
| 12.        | 19-9953    | Banjo bolt .. .. .                                                                           | 1       |
| 13.        | 19-9951    | Petrol pipe banjo .. .. .                                                                    | 1       |
| 14.        | 19-9950    | Screw, float chamber cover .. .. .                                                           | 2       |
| 15.        | 19-9949    | Float chamber cover .. .. .                                                                  | 1       |
| 16.        | 19-9948    | Cover gasket .. .. .                                                                         | 1       |
| 17.        | 19-9947    | Carburetter float .. .. .                                                                    | 1       |
| 18.        | 19-9926    | Carburetter complete .. .. .                                                                 | 1       |
| 19.        | 19-9954    | Carburetter choke valve .. .. .                                                              | 1       |
| 20.        | 19-9945    | Air intake silencer tube .. .. .                                                             | 1       |
| 21.        | 19-9955    | Choke valve spring .. .. .                                                                   | 1       |
| 22.        | 19-9956    | Choke valve screw .. .. .                                                                    | 1       |
| 23.        | 19-9944    | Air intake silencer .. .. .                                                                  | 1       |
| 24.        | 19-9943    | Rubber ring, air silencer .. .. .                                                            | 1       |
| 25.        | 19-9942    | Air filter .. .. .                                                                           | 1       |
| 26.        | 19-9946    | Spring clip, air silencer .. .. .                                                            | 1       |
| 27.        | 19-9957    | Throttle stop screw .. .. .                                                                  | 1       |
| 28.        | 19-9958    | Stop screw spring .. .. .                                                                    | 1       |
| 29.        | 19-9931    | Carburetter main jet .. .. .                                                                 | 1       |
| 30.        | 19-9941    | Jet holder .. .. .                                                                           | 1       |
| 31.        | 19-9959    | Carburetter pinch bolt .. .. .                                                               | 1       |
| 32.        | 19-9929    | Throttle valve .. .. .                                                                       | 1       |
| 33.        | 19-9928    | Throttle valve spring .. .. .                                                                | 1       |
| 34.        | 19-9927    | Mixing chamber cap .. .. .                                                                   | 1       |
| 35.        | 19-9952    | Petrol filter .. .. .                                                                        | 1       |

For colour suffixes see page 3.

# NUMERICAL INDEX

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 02-0100 | 21   | 5     | 22   |
| 02-0930 | 21   | 5     | 20   |
| 14-0101 | 13   | 2     | 8    |
| 14-0101 | 15   | 2     | 79   |
| 14-0101 | 21   | 5     | 15   |
| 14-0101 | 23   | 6     | 35   |
| 14-0102 | 21   | 5     | 17   |
| 14-0102 | 23   | 6     | 12   |
| 14-0103 | 25   | 7     | 6    |
| 14-0104 | 21   | 5     | 8    |
| 14-0128 | 19   | 4     | 25   |
| 14-0206 | 15   | 2     | 53   |
| 14-0219 | 17   | 3     | 12   |
| 14-0220 | 17   | 3     | 46   |
| 14-0225 | 11   | 1     | 76   |
| 14-0302 | 17   | 3     | 43   |
| 14-0401 | 11   | 1     | 81   |
| 14-0603 | 17   | 3     | 21   |
| 14-0618 | 17   | 3     | 26   |
| 14-0701 | 25   | 7     | 11   |
| 14-1201 | 7    | 1     | 4    |
| 14-1201 | 13   | 2     | 39   |
| 14-1201 | 15   | 2     | 69   |
| 14-1201 | 19   | 4     | 23   |
| 14-1201 | 21   | 5     | 2    |
| 14-1201 | 21   | 5     | 12   |
| 14-1201 | 23   | 6     | 6    |
| 14-1202 | 11   | 1     | 93   |
| 14-1202 | 13   | 2     | 26   |
| 14-1202 | 19   | 4     | 11   |
| 14-1202 | 23   | 6     | 22   |
| 14-1203 | 17   | 3     | 32   |
| 14-1205 | 11   | 1     | 103  |
| 14-1205 | 13   | 2     | 24   |
| 14-1205 | 13   | 2     | 33   |
| 14-1205 | 19   | 4     | 13   |
| 14-1205 | 19   | 4     | 33   |
| 14-1301 | 23   | 6     | 33   |
| 14-6103 | 15   | 2     | 54   |
| 14-6107 | 15   | 2     | 57   |
| 14-6219 | 15   | 2     | 47   |
| 14-6401 | 15   | 2     | 58   |
| 19-1046 | 25   | 7     | 4    |
| 19-1047 | 25   | 7     | 1    |
| 19-1048 | 25   | 7     | 5    |
| 19-1049 | 25   | 7     | —    |
| 19-1050 | 25   | 7     | —    |
| 19-1325 | 25   | 7     | 3    |
| 19-1326 | 25   | 7     | —    |
| 19-1327 | 25   | 7     | 2    |
| 19-2078 | 25   | 7     | 8    |
| 19-2079 | 25   | 7     | 8    |
| 19-6510 | 17   | 3     | 1    |
| 19-7633 | 7    | 1     | 8    |
| 19-8696 | 11   | 1     | 73   |
| 19-8696 | 13   | 2     | 35   |
| 19-8697 | 13   | 2     | 41   |
| 19-8697 | 17   | 3     | 40   |
| 19-9850 | 7    | 1     | 27   |
| 19-9850 | 9    | 1     | 38   |
| 19-9851 | 9    | 1     | 58   |
| 19-9852 | 9    | 1     | 61   |
| 19-9853 | 9    | 1     | 60   |

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 19-9854 | 9    | 1     | 62   |
| 19-9855 | 9    | 1     | 54   |
| 19-9855 | 11   | 1     | 80   |
| 19-9856 | 9    | 1     | 39   |
| 19-9857 | 9    | 1     | 40   |
| 19-9858 | 11   | 1     | 72   |
| 19-9860 | 7    | 1     | 30   |
| 19-9861 | 7    | 1     | 29   |
| 19-9862 | 7    | 1     | 28   |
| 19-9863 | 7    | 1     | 26   |
| 19-9864 | 9    | 1     | 63   |
| 19-9865 | 11   | 1     | 71   |
| 19-9866 | 9    | 1     | 59   |
| 19-9867 | 7    | 1     | 34   |
| 19-9869 | 11   | 1     | 79   |
| 19-9870 | 9    | 1     | 55   |
| 19-9870 | 11   | 1     | 78   |
| 19-9871 | 7    | 1     | 5    |
| 19-9872 | 7    | 1     | 13   |
| 19-9873 | 9    | 1     | 37   |
| 19-9874 | 7    | 1     | 12   |
| 19-9875 | 7    | 1     | 11   |
| 19-9876 | 7    | 1     | 10   |
| 19-9877 | 7    | 1     | 35   |
| 19-9878 | 7    | 1     | 32   |
| 19-9879 | 7    | 1     | 31   |
| 19-9880 | 9    | 1     | 36   |
| 19-9881 | 7    | 1     | 33   |
| 19-9882 | 9    | 1     | 56   |
| 19-9883 | 9    | 1     | 57   |
| 19-9884 | 7    | 1     | 19   |
| 19-9884 | 9    | 1     | 41   |
| 19-9885 | 7    | 1     | 16   |
| 19-9886 | 7    | 1     | 15   |
| 19-9887 | 7    | 1     | 14   |
| 19-9888 | 9    | 1     | 46   |
| 19-9889 | 9    | 1     | 45   |
| 19-9890 | 7    | 1     | 7    |
| 19-9891 | 7    | 1     | 6    |
| 19-9892 | 7    | 1     | 17   |
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| 19-9901 | 9    | 1     | 69   |
| 19-9902 | 7    | 1     | 21   |
| 19-9903 | 7    | 1     | 20   |
| 19-9905 | 9    | 1     | 65   |
| 19-9906 | 9    | 1     | 66   |
| 19-9907 | 9    | 1     | 67   |
| 19-9913 | 9    | 1     | 53   |
| 19-9914 | 9    | 1     | 50   |
| 19-9926 | 11   | 1     | 77   |
| 19-9926 | 25   | 7     | 18   |
| 19-9927 | 25   | 7     | 34   |
| 19-9928 | 25   | 7     | 33   |
| 19-9929 | 25   | 7     | 32   |
| 19-9931 | 25   | 7     | 29   |
| 19-9941 | 25   | 7     | 30   |
| 19-9942 | 25   | 7     | 25   |
| 19-9943 | 25   | 7     | 24   |
| 19-9944 | 25   | 7     | 23   |
| 19-9945 | 9    | 1     | 70   |
| 19-9945 | 25   | 7     | 20   |

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 19-9946 | 25   | 7     | 26   |
| 19-9947 | 25   | 7     | 17   |
| 19-9948 | 25   | 7     | 16   |
| 19-9949 | 25   | 7     | 15   |
| 19-9950 | 25   | 7     | 14   |
| 19-9951 | 25   | 7     | 13   |
| 19-9952 | 25   | 7     | 35   |
| 19-9953 | 25   | 7     | 12   |
| 19-9954 | 25   | 7     | 19   |
| 19-9955 | 25   | 7     | 21   |
| 19-9956 | 25   | 7     | 22   |
| 19-9957 | 25   | 7     | 27   |
| 19-9958 | 25   | 7     | 28   |
| 19-9959 | 25   | 7     | 31   |
| 19-9960 | 9    | 1     | 49   |
| 19-9961 | 9    | 1     | 42   |
| 19-9962 | 9    | 1     | 44   |
| 19-9963 | 11   | 1     | 86   |
| 19-9964 | 11   | 1     | 85   |
| 19-9965 | 9    | 1     | 52   |
| 19-9966 | 9    | 1     | 48   |
| 19-9967 | 9    | 1     | 48   |
| 19-9968 | 9    | 1     | 47   |
| 19-9969 | 11   | 1     | 87   |
| 19-9970 | 9    | 1     | 43   |
| 19-9972 | 11   | 1     | 83   |
| 19-9973 | 11   | 1     | 84   |
| 19-9974 | 9    | 1     | 51   |
| 19-9975 | 7    | 1     | 35   |
| 19-9976 | 7    | 1     | 35   |
| 19-9977 | 9    | 1     | 36   |
| 19-9978 | 9    | 1     | 36   |
| 21-1959 | 17   | 3     | 33   |
| 21-2025 | 13   | 2     | 28   |
| 21-2025 | 15   | 2     | 80   |
| 21-2025 | 19   | 4     | 15   |
| 21-2041 | 17   | 3     | 7    |
| 21-2046 | 11   | 1     | 82   |
| 24-8504 | 21   | 5     | 7    |
| 37-3493 | 13   | 2     | 3    |
| 37-3493 | 19   | 4     | 1    |
| 37-3497 | 19   | 4     | 14   |
| 37-3498 | 13   | 2     | 4    |
| 37-3498 | 19   | 4     | 2    |
| 37-3543 | 19   | 4     | 3    |
| 37-3544 | 11   | 1     | 100  |
| 37-3544 | 19   | 4     | 4    |
| 37-3545 | 19   | 4     | 5    |
| 37-3546 | 15   | 2     | 61   |
| 37-3546 | 19   | 4     | 20   |
| 37-3626 | 15   | 2     | 60   |
| 37-3626 | 19   | 4     | 21   |
| 37-3629 | 15   | 2     | 67   |
| 37-3629 | 19   | 4     | 16   |
| 37-3631 | 13   | 2     | 37   |
| 37-3632 | 13   | 2     | 25   |
| 37-3637 | 15   | 2     | 65   |
| 37-3640 | 13   | 2     | 2    |
| 37-3642 | 13   | 2     | 2    |

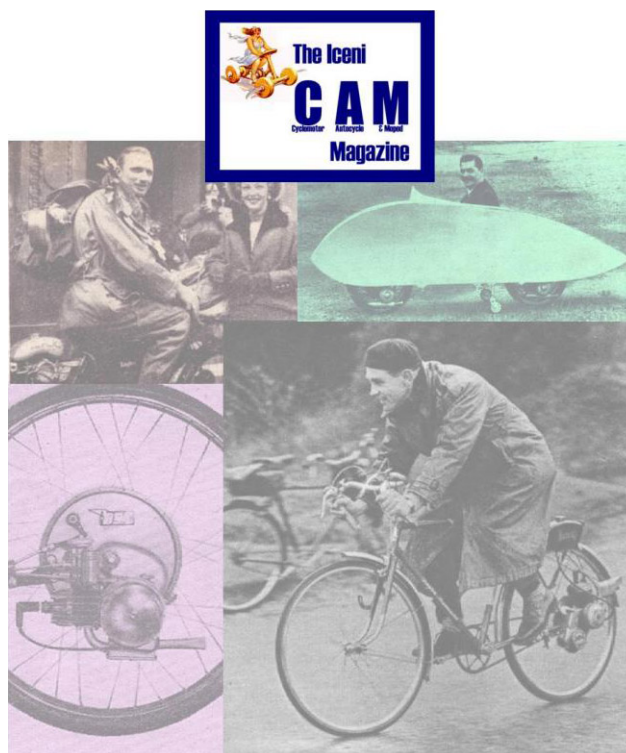
# NUMERICAL INDEX—continued

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 37-3644 | 13   | 2     | 1    |
| 37-3644 | 19   | 4     | 10   |
| 37-3646 | 19   | 4     | 6    |
| 37-3678 | 13   | 2     | 20   |
| 42-8010 | 21   | 5     | 9    |
| 42-8073 | 21   | 5     | 21   |
| 42-8075 | 21   | 5     | 23   |
| 42-9273 | 23   | 6     | 36   |
| 54-5005 | 19   | 4     | 8    |
| 54-5005 | 19   | 4     | 32   |
| 54-5056 | 25   | 3     | 9    |
| 54-8005 | 21   | 5     | 25   |
| 54-8039 | 21   | 5     | 26   |
| 54-9081 | 13   | 4     | 40   |
| 54-9081 | 19   | 4     | 22   |
| 57-3632 | 19   | 4     | 9    |
| 57-3834 | 15   | 2     | 45   |
| 57-3844 | 17   | 3     | 41   |
| 57-3845 | 17   | 3     | 27   |
| 57-3846 | 17   | 3     | 38   |
| 57-3847 | 15   | 2     | 44   |
| 57-3960 | 15   | 2     | 49   |
| 57-3963 | 15   | 2     | 46   |
| 57-3965 | 15   | 2     | 50   |
| 57-3966 | 15   | 2     | 42   |
| 57-4060 | 13   | 2     | 34   |
| 57-4061 | 13   | 2     | 38   |
| 57-4064 | 17   | 3     | 42   |
| 57-4065 | 17   | 3     | 28   |
| 57-4093 | 17   | 3     | 29   |
| 57-4105 | 11   | 1     | 90   |
| 57-4108 | 11   | 1     | 96   |
| 57-4118 | 15   | 2     | 62   |
| 57-4122 | 11   | 1     | 94   |
| 57-4123 | 11   | 1     | 89   |
| 57-4124 | 17   | 3     | 30   |
| 57-4132 | 11   | 1     | 98   |
| 57-4136 | 11   | 1     | 102  |
| 57-4137 | 11   | 1     | 95   |
| 57-4138 | 11   | 1     | 92   |
| 57-4140 | 11   | 1     | 97   |
| 57-4141 | 15   | 2     | 59   |
| 57-4142 | 15   | 2     | 43   |
| 57-4143 | 21   | 5     | 13   |
| 57-4148 | 21   | 5     | 4    |
| 57-4181 | 11   | 1     | 99   |
| 57-4210 | 21   | 5     | 1    |
| 57-4259 | 11   | 1     | 101  |
| 57-4261 | 13   | 2     | 36   |
| 60-2320 | 23   | 6     | 7    |
| 60-2320 | 23   | 6     | 34   |
| 60-2321 | 13   | 2     | 27   |
| 60-2321 | 17   | 3     | 8    |
| 60-2321 | 19   | 4     | 12   |
| 60-2324 | 11   | 1     | 74   |
| 60-2324 | 13   | 2     | 23   |
| 60-2329 | 21   | 5     | 3    |
| 60-2329 | 25   | 7     | 10   |
| 60-2338 | 7    | 1     | 3    |
| 60-2338 | 21   | 5     | 11   |
| 60-2360 | 19   | 4     | 37   |
| 60-2362 | 13   | 2     | 22   |
| 60-2362 | 19   | 4     | 36   |
| 60-2397 | 17   | 3     | 48   |

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 60-2408 | 17   | 3     | 37   |
| 60-2408 | 21   | 5     | 5    |
| 60-2417 | 13   | 2     | 9    |
| 60-2417 | 15   | 2     | 55   |
| 60-2417 | 15   | 2     | 68   |
| 60-2417 | 15   | 2     | 78   |
| 60-2417 | 17   | 3     | 20   |
| 60-2417 | 23   | 6     | 11   |
| 60-2418 | 15   | 2     | 48   |
| 60-2418 | 17   | 3     | 44   |
| 60-2419 | 19   | 4     | 24   |
| 60-2427 | 21   | 5     | 14   |
| 60-2458 | 17   | 3     | 9    |
| 60-2463 | 23   | 6     | 29   |
| 60-2464 | 17   | 3     | 25   |
| 60-2465 | 17   | 3     | 16   |
| 60-2466 | 19   | 4     | 38   |
| 60-2467 | 17   | 3     | 2    |
| 60-2468 | 17   | 3     | 51   |
| 60-2469 | 17   | 3     | 14   |
| 60-2478 | 17   | 3     | 3    |
| 60-2479 | 17   | 3     | 11   |
| 60-2500 | 17   | 3     | 10   |
| 60-2501 | 17   | 3     | 5    |
| 60-2502 | 17   | 3     | 13   |
| 60-2503 | 17   | 3     | 50   |
| 60-2504 | 17   | 3     | 15   |
| 60-2510 | 11   | 1     | 91   |
| 60-2511 | 11   | 1     | 88   |
| 60-2518 | 17   | 3     | 4    |
| 60-2555 | 17   | 3     | 48   |
| 60-3105 | 23   | 6     | 24   |
| 67-8060 | 21   | 5     | 19   |
| 70-9311 | 13   | 2     | 30   |
| 70-9311 | 15   | 2     | 64   |
| 70-9313 | 11   | 1     | 75   |
| 70-9313 | 13   | 2     | 21   |
| 70-9313 | 15   | 2     | 63   |
| 71-1384 | 21   | 5     | 16   |
| 71-1414 | 7    | 1     | 2    |
| 71-1889 | 21   | 5     | 18   |
| 71-2088 | 7    | 1     | 1    |
| 76-0101 | 13   | 2     | 10   |
| 82-9939 | 15   | 2     | 71   |
| 82-2351 | 23   | 6     | 30   |
| 83-1256 | 23   | 6     | 4    |
| 83-1265 | 23   | 6     | 31   |
| 83-1266 | 23   | 6     | 27   |
| 83-1271 | 23   | 6     | 14   |
| 83-1290 | 23   | 6     | 3    |
| 83-1383 | 21   | 5     | 24   |
| 83-1474 | 13   | 2     | 17   |
| 83-1480 | 17   | 3     | 17   |
| 83-1484 | 15   | 2     | 70   |
| 83-1488 | 17   | 3     | 36   |
| 83-1489 | 13   | 2     | 6    |
| 83-1663 | 17   | 3     | 18   |
| 83-1672 | 17   | 3     | 31   |
| 83-1683 | 23   | 6     | 20   |
| 83-1694 | 13   | 2     | 7    |
| 83-1699 | 13   | 2     | 13   |
| 83-1700 | 17   | 3     | 35   |
| 83-1702 | 17   | 3     | 24   |
| 83-1703 | 15   | 2     | 73   |

| NUMBER  | PAGE | PLATE | CODE |
|---------|------|-------|------|
| 83-1704 | 13   | 2     | 16   |
| 83-1705 | 15   | 2     | 72   |
| 83-1706 | 17   | 3     | 45   |
| 83-1707 | 17   | 3     | 6    |
| 83-1708 | 23   | 6     | 19   |
| 83-1710 | 23   | 6     | 1    |
| 83-1711 | 17   | 3     | 34   |
| 83-1711 | 17   | 3     | 39   |
| 83-1711 | 21   | 5     | 6    |
| 83-1712 | 23   | 6     | 21   |
| 83-1713 | 13   | 2     | 15   |
| 83-1714 | 13   | 2     | 18   |
| 83-1715 | 13   | 2     | 19   |
| 83-1719 | 13   | 2     | 12   |
| 83-1722 | 13   | 2     | 11   |
| 83-1723 | 13   | 2     | 14   |
| 83-1724 | 17   | 3     | 23   |
| 83-1727 | 23   | 6     | 25   |
| 83-1728 | 23   | 6     | 28   |
| 83-1731 | 23   | 6     | 10   |
| 83-1732 | 23   | 6     | 5    |
| 83-1738 | 23   | 6     | 18   |
| 83-1747 | 23   | 6     | 16   |
| 83-1748 | 23   | 6     | 17   |
| 83-1791 | 15   | 2     | 51   |
| 83-1792 | 15   | 2     | 52   |
| 83-1793 | 15   | 2     | 56   |
| 83-1811 | 23   | 6     | 8    |
| 83-1812 | 23   | 6     | 15   |
| 83-1836 | 17   | 3     | 47   |
| 83-1843 | 23   | 6     | 13   |
| 83-1844 | 21   | 5     | 10   |
| 83-1845 | 23   | 6     | 26   |
| 83-1849 | 15   | 2     | 66   |
| 83-1887 | 13   | 2     | 32   |
| 83-1900 | 23   | 6     | 23   |
| 83-1945 | 15   | 2     | 77   |
| 83-1946 | 15   | 2     | 75   |
| 83-1947 | 15   | 2     | 76   |
| 83-1954 | 15   | 2     | 74   |
| 83-2723 | 17   | 3     | 19   |
| 83-2875 | 23   | 6     | 32   |
| 90-5525 | 13   | 2     | 31   |
| 90-6063 | 19   | 4     | 7    |
| 97-1385 | 23   | 6     | 2    |
| 97-1527 | 13   | 2     | 5    |
| 97-3724 | 19   | 4     | 17   |
| 97-3724 | 19   | 4     | 31   |
| 97-3727 | 19   | 4     | 29   |
| 97-3729 | 19   | 4     | 28   |
| 97-3730 | 19   | 4     | 27   |
| 97-3731 | 19   | 4     | 26   |
| 97-3836 | 19   | 4     | 35   |
| 97-3837 | 17   | 3     | 22   |
| 97-3852 | 19   | 4     | 30   |
| 97-3869 | 19   | 4     | 39   |
| 97-3939 | 19   | 4     | 19   |
| 97-3944 | 19   | 4     | 34   |
| 97-3960 | 19   | 4     | 18   |
| 97-3961 | 19   | 4     | 18   |
| 97-3962 | 19   | 4     | 18   |
| 97-3978 | 23   | 6     | 9    |

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