

20-10189 C

TRIUMPH

**REPLACEMENT
PARTS CATALOGUE**

No. 9

*

TIGER 90 (T90)

TIGER 100 (T100S, T100R, T100C & T100T)

FROM ENGINE No. H57083



CLASSIC
BIKE SPARES



1905



REPLACEMENT PARTS CATALOGUE No. 9

"C" RANGE MODELS

TIGER 90 (T90)

TIGER 100 (T100S, T100R, T100C & T100T)

from Engine No. H57083

September 1967



TRIUMPH ENGINEERING COMPANY LIMITED
MERIDEN WORKS · ALLESLEY · COVENTRY · ENGLAND
TELEPHONE MERIDEN 331

CLASSIC
BIKE SPARES

TELEGRAMS "TRUSTY COVENTRY"



TRIUMPH GUARANTEE

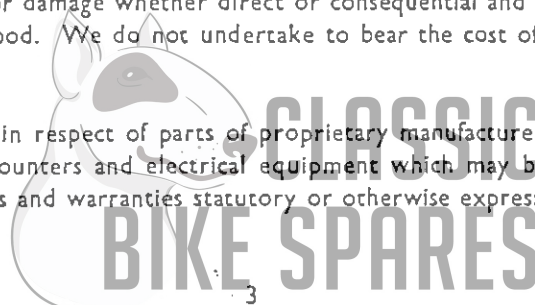
1. In this Guarantee the word "machine" refers to the motor cycle, scooter, motor-cycle combination or sidecar as the case may be, purchased by the Purchaser.
2. In order to obtain the benefit of this Guarantee, the Purchaser must have correctly completed the registration form and returned it to us within fourteen days of the purchase.
3. We will supply, free of charge, a new part in exchange for, or, if we consider repair sufficient, will repair free of charge any part proved within six months of the date of purchase of any new machine, (3 months overseas) or within three months of its renewal or repair in the case of a part already renewed or repaired, to be defective by reason of our faulty workmanship or materials. We do not undertake to bear the cost of fitting such new or repaired part or accessory.
4. Any part considered to be defective must be sent to our Works, carriage paid, accompanied by the following information:—
 - (a) Name of purchaser and his address;
 - (b) Date of purchase of machine;
 - (c) Name of dealer from whom the purchase was made;
 - (d) Engine number and model.
5. This Guarantee shall not extend to defect or damage appearing after misuse, neglect, abnormal stress or strain, or the incorporation or affixing of unsuitable attachments or parts and in particular:—
 - (a) Hiring out;
 - (b) Racing and Competitions;
 - (c) Adaptation or alteration of any part or parts after leaving our Works;
 - (d) The attaching of a sidecar in a manner not approved by us or to an unsuitable motor-cycle.

This Guarantee shall not extend to machines whose trade mark, name or manufacturing number has been altered or removed, or in which has been used any part not supplied or approved by us, or to tyres, saddles, chains, speedometers, revolution counters and electrical equipment or to parts supplied to the order of the Purchaser and different from our standard specification.

6. Our liability and that of our dealer who sells the machine, shall be limited to that set out in this guarantee, and no other claims for consequential damage or injury to person or property, shall be admissible. All other conditions and warranties statutory or otherwise and whether express or implied are hereby excluded and no guarantee other than that expressly herein contained applies to the machine to which this Guarantee relates or any accessory or part thereof.
7. We reserve the right to modify or deviate from the Published Specification without notice.

REPAIRS GUARANTEE

1. Whilst the highest standard of workmanship and materials is aimed at, we cannot accept liability for any defects appearing more than three months after the machine, assembly or component has left our Works after being repaired.
2. We will repair or replace at our option free of charge any defective work, materials or parts relating to the repairs carried out by us appearing within that time but shall not be under any further, or other liability for any other loss or damage whether direct or consequential and our liability shall be limited to the cost of so making good. We do not undertake to bear the cost of fitting any replacement or repaired part.
3. We do not accept liability in respect of parts of proprietary manufacture, e.g. tyres, saddles, chains, speedometers, revolution counters and electrical equipment which may be used by us in effecting a repair. All other conditions and warranties statutory or otherwise express or implied are hereby excluded.



TRIUMPH SPARES

HOW TO ORDER. Every part is indicated by number, and this should be quoted together with the description. In order to assist customers, dimensions have been given in many cases where parts are similar. Parts where possible have been listed in order of assembly and a number of the illustrations show the assembly order also. With these aids there should be no difficulty in identifying the parts you require. Always head your order with the engine number, stamped on the left side of the crank case underneath the cylinder flange, together with the prefix letters.

WHERE TO OBTAIN. Triumph Spare Parts can only be obtained from an authorised Triumph Dealer, and we recommend our customers to place their orders with the Triumph Dealer in their district. When parts not usually asked for are required, and for which the Dealer may have to write or obtain specially, the postage or carriage incurred becomes payable.

Triumph Spares are not supplied to private owners direct from the factory. If difficulty is experienced in obtaining the required parts, the matter should be taken up directly with the Triumph Spares Department.

Customers are warned against the risk incurred by purchasing parts that are not of genuine Triumph manufacture. This risk is eliminated if parts are ordered as instructed from recognised Dealers.

PATTERNS AND PARTS FOR REPAIR. It is not necessary to send patterns if the part number is quoted. The sending of patterns often delays the order as parcel post or rail takes longer than letter post.

Parts sent to Coventry for repair, replacement, or as patterns should bear the sender's name and address and clear instructions should accompany the parts. In your own interest send a copy of the advice note under separate cover. All parts must be forwarded carriage paid and care should be taken to ensure that all remittances are sent separately and not enclosed with the parts. Fragile units such as cylinders, etc., should always be boxed to avoid damage in transit. Complete machines should have all fitments such as windscreens, driving mirrors, tools, etc., removed by the sender before despatch, as it is impossible for us to accept responsibility in the event of loss in transit. We are always pleased to give estimates for overhauling and repairs, but should an estimate not be accepted, a charge will be made covering cost of dismantling and re-assembling, if carried out.

Communications relating to Parts should be addressed to the SPARES DEPARTMENT and for repairs, guarantee claims and technical advice to the SERVICE DEPARTMENT, Triumph Engineering Co. Ltd., Meriden Works, Allesley, Coventry. In order to facilitate quick reference, the quoting of any number, invoice number or reference from previous communications is essential. Accessories not of our manufacture should be sent direct to the actual makers, whose names and addresses appear below.

PROPRIETARY GROUP

Ancillary equipment which is fitted to our motor cycles is of the highest quality and is guaranteed by the manufacturer and not by ourselves. Any repairs or claims should be made to the actual makers or their local agents who will always give owners every possible assistance. The following are the addresses of the various manufacturers:—

CARBURETTORS
Messrs. Amal Ltd.,
Holdford Rd., Witton, Birmingham 6.

CHAINS
Renold Chains Ltd.,
Wythenshawe, Manchester.

ELECTRICAL EQUIPMENT
Messrs. J. Lucas Ltd.,
Gt. Hampton St., Birmingham, 18.

TYRES
Dunlop Rubber Co. Ltd.,
Fort Dunlop, Birmingham, 24.

SPARKING PLUGS
Champion Sparking Plug Co. Ltd.,
Feltham, Middlesex.

SPEEDOMETERS
Messrs. Smiths Industries Ltd.,
Cricklewood Works, London, N.W.2.

SUSPENSION UNITS
Messrs. Girling Ltd.,
Birmingham Road, West Bromwich, Staffs.



**CLASSIC
BIKE SPARES**

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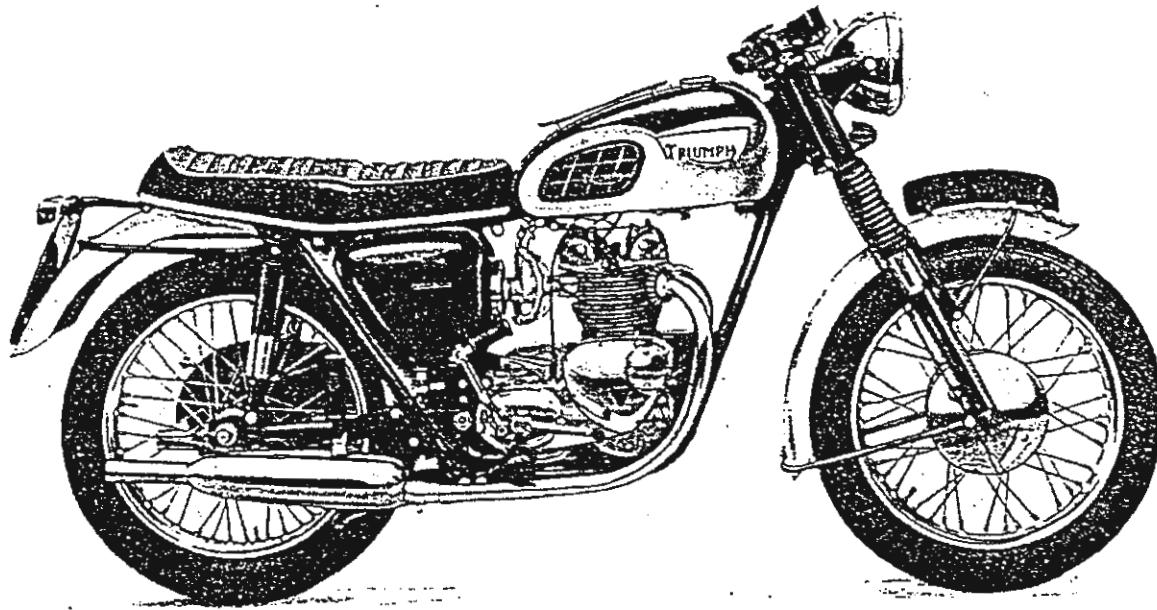


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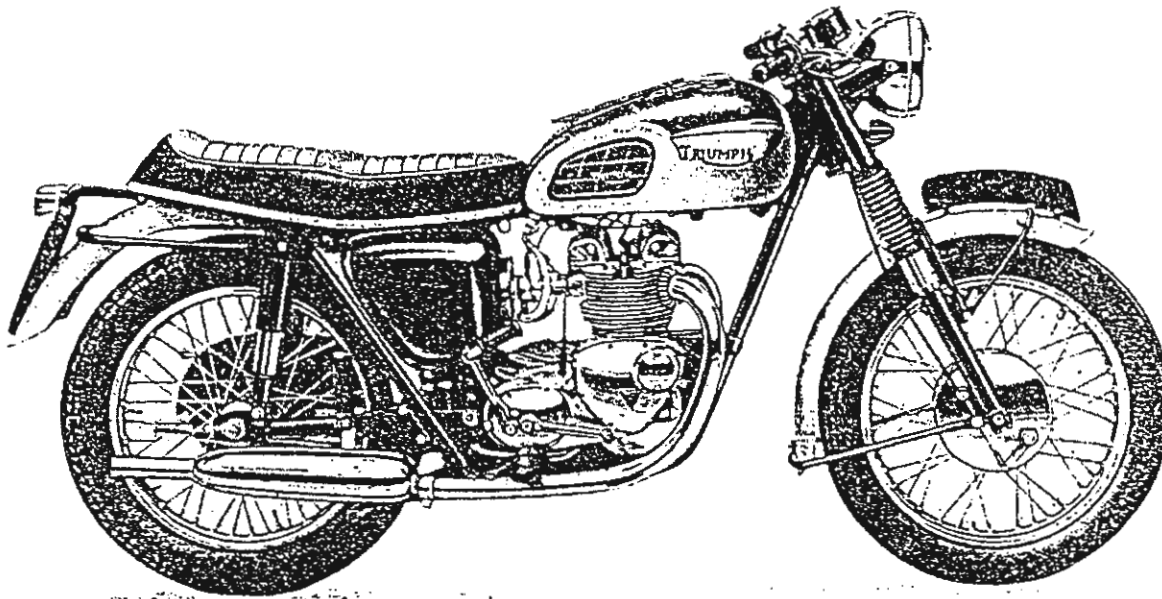


TIGER 90 (T90) TECHNICAL DATA

| | | |
|-------------------|--------------------------|--|
| Bore and Stroke | | 58.25 x 65.5 mm. 2.292 x 2.578 ins. |
| Capacity | | 348 c.c. (21.23 cu. ins.) |
| Compression Ratio | | 9.5 : 1 |
| Sparking Plugs | | Champion N4 |
| Carburettor | | Amal Concentric |
| | Main Jet | 140 |
| | Needle Jet | .106 |
| | Needle | Standard |
| | Throttle Valve | 3½ |
| | Pilot Jet | 20 |
| Gearbox Sprocket | | 17 teeth |
| Chains | Front | ¾ in. Duplex x 78 links |
| | Rear | ¾ in. x ¾ in. x 102 links |
| Capacities | Fuel Tank | 3 galls. (13.5 litres) |
| | Oil Tank | 6 pints (3.5 litres) |
| | Gearbox | 2/3 pint (375 c.c.) |
| | Primary Chaincase | ½ pint (300 c.c.) |
| | Front Forks (each leg) | ½ pint (200 c.c.) |
| Brakes | Front and Rear, diameter | 7 in. (17.78 cm.) |
| Tyre size | Front | 3.25 x 18 |
| | Rear | 3.50 x 18 |

CLASSIC
BIKE SPARES

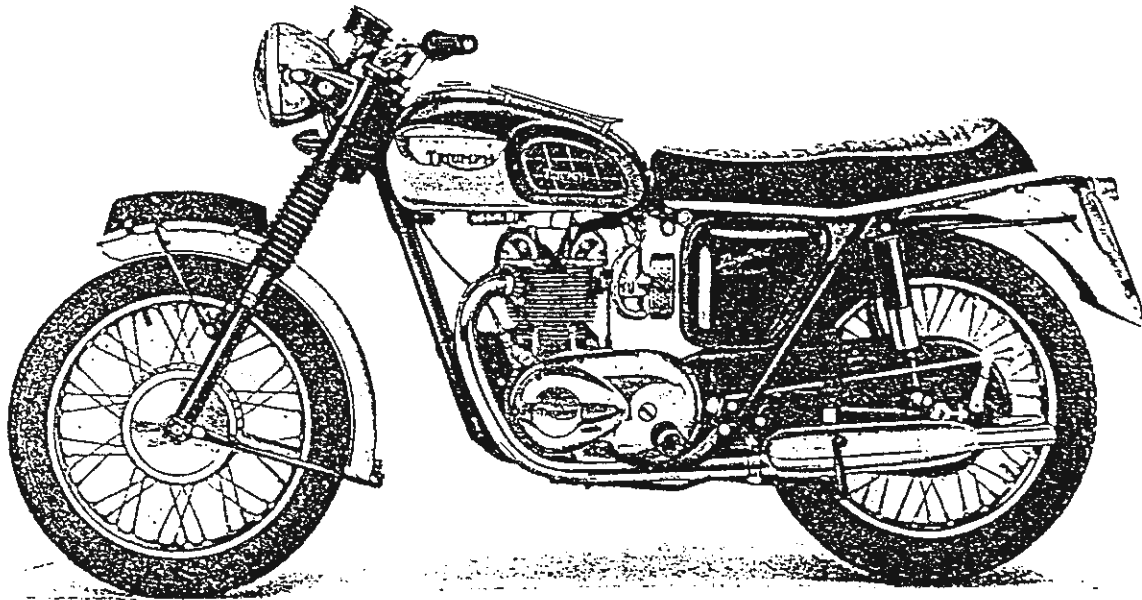
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TIGER 100 (T100S) TECHNICAL DATA

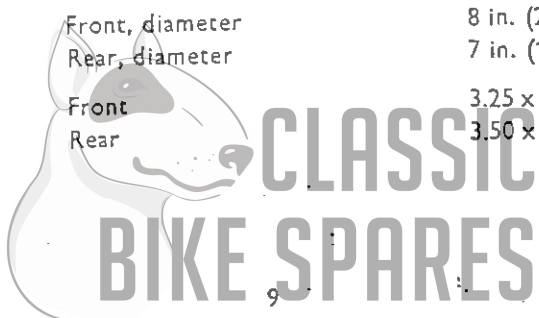
| | | |
|-------------------|--------------------------|-------------------------------------|
| Bore and Stroke | | 69 x 65.5 mm. 2.716 x 2.578 ins. |
| Capacity | | 490 c.c. (29.8 cu. ins.) |
| Compression Ratio | | 9 : 1 |
| Sparking Plugs | | Champion N4 |
| Carburetter | | Amal Concentric |
| | Main Jet | 190 |
| | Needle Jet | .106 |
| | Needle | Standard |
| | Throttle Valve | 3½ |
| | Pilot Jet | 25 |
| Gearbox Sprocket | | 18 teeth |
| Chains | Front | ¾ in. Duplex x 78 links |
| | Rear | ⅝ in. x ⅜ in. x 102 links |
| Capacities | Fuel Tank | 3 galls. (13.5 litres) |
| | Oil Tank | 6 pints (3.5 litres) |
| | Gearbox | 2/3 pint (375 c.c.) |
| | Primary Chaincase | ¼ pint (300 c.c.) |
| | Front Forks (each leg) | ½ pint (200 c.c.) |
| Brakes | Front and Rear, diameter | 7 in. (17.18 cm.) |
| Tyre Size | Front | 3.25 x 18 |
| | Rear | 3.50 x 18 |

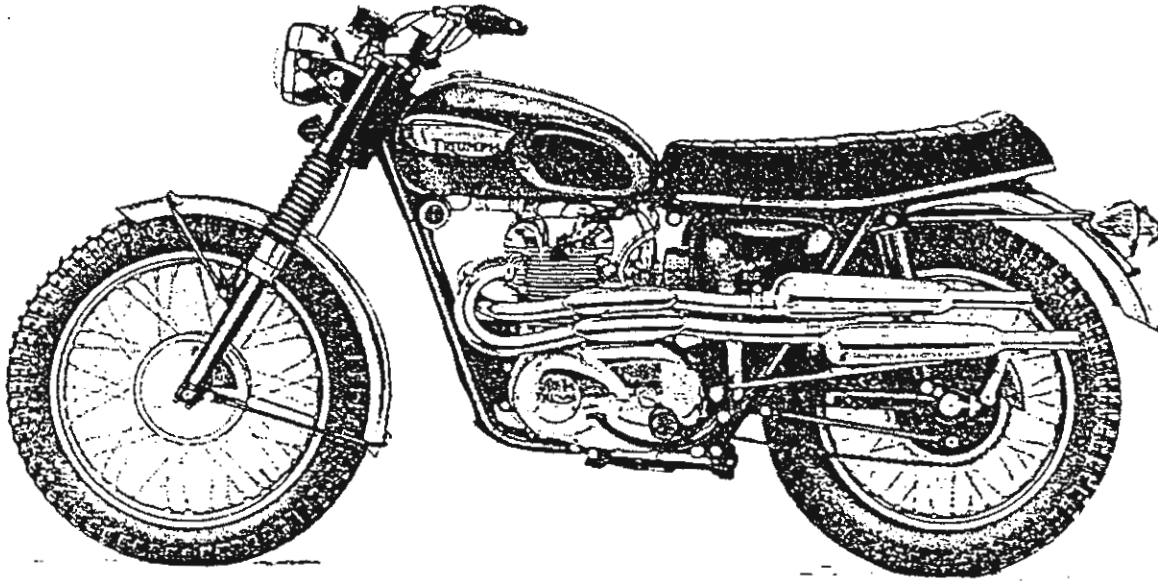
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the U.S.



TIGER 100 (T100T) TECHNICAL DATA

| | | |
|-------------------|------------------------|---------------------------|
| Bore and Stroke | | 2.716 x 2.578 ins. |
| Capacity | | 29.8 cu. ins. |
| Compression Ratio | | 9.75 : 1 |
| Sparking Plugs | | Champion N4 |
| Carburettor | | Amal Concentric |
| | Main Jet | 200 |
| | Needle Jet | .106 |
| | Needle | Standard |
| | Throttle Valve | 3½ |
| | Pilot Jet | 25 |
| Gearbox Sprocket | | 18 teeth |
| Chains | Front | ¾ in. Duplex x 78 links |
| | Rear | ⅝ in. x ⅜ in. x 102 links |
| Capacities | Gas Tank | 3 galls. (13.5 litres) |
| | Oil Tank | 6 pints (3.5 litres) |
| | Gearbox | 2/3 pint (375 c.c.) |
| | Primary Chaincase | ½ pint (300 c.c.) |
| | Front Forks (each leg) | ⅓ pint (200 c.c.) |
| Brakes | Front, diameter | 8 in. (20.32 cm.) |
| | Rear, diameter | 7 in. (17.18 cm.) |
| Tyre Size | Front | 3.25 x 18 |
| | Rear | 3.50 x 18 |

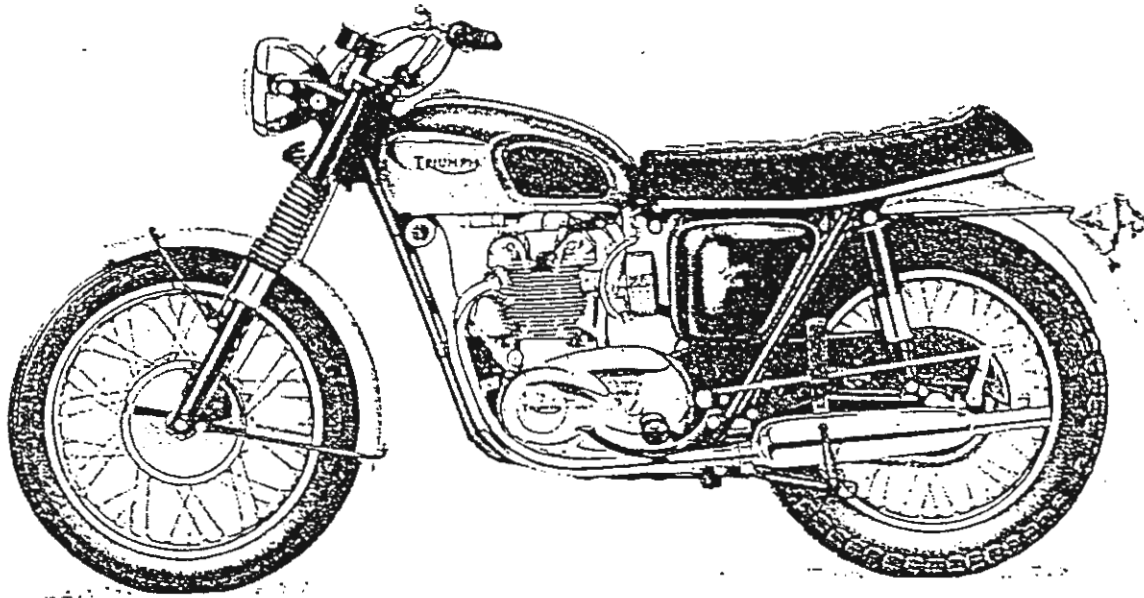




U.S.A. TIGER 100 (T100C) TECHNICAL DATA

| | | |
|-------------------|--------------------------|---|
| Bore and Stroke | | 2.716 x 2.578 ins. |
| Capacity | | 29.8 cu. ins. |
| Compression Ratio | | 9 : 1 |
| Sparking Plugs | | Champion N4 |
| Carburetter | | Amal Concentric |
| | Main Jet | 190 |
| | Needle Jet | .106 |
| | Needle | Standard |
| | Throttle Valve | 376/3 $\frac{1}{2}$ |
| | Pilot Jet | 25 |
| Gearbox Sprocket | | 18 teeth |
| Chains | Front | $\frac{3}{8}$ in. Duplex x 78 links |
| | Rear | $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 102 links |
| Capacities | Gas Tank | 2 $\frac{1}{8}$ U.S. galls. |
| | Oil Tank | 6 U.S. pints |
| | Gearbox | 2/3 pint (375 c.c.) |
| | Primary Chaincase | $\frac{1}{2}$ pint (300 c.c.) |
| | Front Forks (each leg) | $\frac{1}{3}$ pint (200 c.c.) |
| Brakes | Front and Rear, diameter | 7 in. (17.18 cm.) |
| Tyre Size | Front | 3.50 x 19 |
| | Rear | 4.00 x 18 |

Carburetor specifications given on this page are incorrect. See pages 75 & 77.



U.S.A. TIGER 100 (T100R) TECHNICAL DATA

| | | |
|-------------------|------------------------|-------------------------------|
| Bore and Stroke | | 2.716 x 2.578 Ins. |
| Capacity | | 29.8 cu. ins. |
| Compression Ratio | | 9.75 : 1 |
| Sparking Plugs | | Champion N4 |
| Carburettors | | Amal Concentric |
| | Main Jet | 200 |
| | Needle Jet | .106 |
| | Needle | Standard |
| | Throttle Valve | 376/3 1/2 |
| | Pilot Jet | 25 |
| Gearbox Sprocket | | 19 teeth |
| Chains | Front | 3/8 in. Duplex x 78 links |
| | Rear | 5/8 in. x 3/4 in. x 103 links |
| Capacities | Gas Tank | 2 1/4 U.S. Galls. |
| | Oil Tank | 6 U.S. pints |
| | Gearbox | 2/3 pint (375 c.c.) |
| | Primary Chaincase | 1/2 pint (300 c.c.) |
| | Front Forks (each leg) | 1/3 pint (200 c.c.) |
| Brakes | Front, diameter | 8 in. (20.32 cm.) |
| | Rear, diameter | 7 in. (17.18 cm.) |
| Tyre Size | Front | 3.25 x 19 |
| | Rear | 4.00 x 18 |

Carburetor specifications given on this page are incorrect - see pages 75 & 77.

CARTON PACK LIST

The following sub-assemblies are supplied in carton packs under the part number stated. The contents of these carton packs are preserved and will not deteriorate under adverse conditions.

| Part No. | Contents |
|----------|----------|
|----------|----------|

PISTONS (c/w rings, gudgeon pins and circlips)

| | | | |
|---|-------------------|----------|----------------|
| E.6908 <i>the E.6897</i> | 7.5 : 1 C.R. | 350 c.c. | Low grade fuel |
| E.6899 <i>piston is</i> | 9.5 : 1 C.R. | 350 c.c. | Standard T.90 |
| E.6906 <i>stroke for</i> | 7.0 : 1 C.R. | 500 c.c. | Low grade fuel |
| E.6897 <i>models and</i> | 9.0 : 1 C.R. | 500 c.c. | T.100S, T.100C |
| E.6884 <i>all previous</i> | 9.75 : 1 C.R. 9:1 | 500 c.c. | T.100R, T.100T |
| E.7603 <i>500cc models</i> | 7.5 : 1 C.R. | 500 c.c. | T.100P |
| <i>is standard in both T100C & T100R models for 1968.</i> | | | |

All piston assemblies are available in 0.010 in., 0.020 in., 0.040 in., oversizes (0.25 m.m., 0.5 m.m., 1.0 m.m.).

BRAKE LININGS

| | | | |
|-------------|----|-------|--------------|
| C.P. 38/AM2 | 2 | NW243 | Brake lining |
| | 16 | W129 | Rivet |
| C.P. 205 | 2 | W1734 | Brake lining |
| | 16 | W129 | Rivet |

VALVE SPRINGS (all models)

| | | | |
|-----------------------------------|--|-------|--------------------|
| C.P.177 <i>delete carton pack</i> | | E5946 | Inner valve spring |
| <i>(order component parts)</i> | | E4011 | Outer valve spring |

| | | | |
|---------------------|------------|--------------|--|
| De-coke Gasket Set | All models | D/GS 6 | |
| Overhaul Gasket Set | All T100 | GST100/65/66 | |

CP156 *starting race kit*. Consists of (2) 4111 cups, (1) H434 cone, (1) H1018 top cone and dust cover, and (40) S70-3 balls.

CP168/64T *fork service pack*. Consists of (4) CD396 seals, (2) H441 top bearings, (2) H443 lower bearings, (2) F4047 cork washer, (2) H1062 aluminium washer, and (4) H430T fibre washers.



HOW TO USE THIS PARTS CATALOGUE

First check that the engine number of your machine is subsequent to that quoted on the title page.

Next consult the index on Page 5 for the parts or group of parts which you wish to locate. When you have located the parts make sure from the end columns that the part you have located does apply to your machine.

List the quantities required as single units: do not ask for "2 pairs" or "3 dozen".

In case of painted items always state the colour required. Painted parts are available only in the colours or alternatives specified for that model of that particular year.

Paint for 1965 "C" Range models available only in 9-3/4 oz. aerosol cans, part number Acc A.C.

| Model | Colour |
|-------|---------------------|
| T90 | RIVIERA BLUE/SILVER |
| T100 | AQUAMARINE/SILVER |

Silver finish not supplied - available through automotive paint supply firms.

N.B. Pacific Blue is a flamboyant finish applied over Silver Sheen.

Hi-Fi Scarlet is also flamboyant, and applied over Gold.

Paint is available also in all colours in $\frac{1}{2}$ pint or 1 gallon tins, or Aerosol containers.

PLEASE NOTE

THROUGHOUT THIS LIST, ASSEMBLIES ARE PRINTED IN CAPITALS AND THE COMPONENTS INCLUDED IN THAT ASSEMBLY ARE INDENTED IN THE DESCRIPTION COLUMN, REVERTING TO THE ORIGINAL ALIGNMENT WHEN THE ASSEMBLY IS COMPLETE. TO ORDER THE COMPLETE ASSEMBLY IT IS NECESSARY ONLY TO QUOTE THE ASSEMBLY NUMBER. ANY COMPONENT PARTS LISTED MAY ALSO BE OBTAINED SEPARATELY IF REQUIRED.

SPECIAL WORKSHOP TOOLS

A COMPLETE LIST OF WORKSHOP TOOLS CAN BE MADE AVAILABLE BY EITHER CONTACTING YOUR DEALER OR APPLYING DIRECT TO THE TRIUMPH SERVICE DEPARTMENT. IN MOST CASES THESE TOOLS ARE VERY COSTLY AS THEY ARE MADE ENTIRELY FOR WORKSHOP USE, AND THEREFORE, IT IS NOT RECOMMENDED THAT THE PRIVATE OWNER PURCHASES THE TOOLS IN ORDER TO AID SERVICING THE MACHINE ONCE OR TWICE ONLY. IN THESE CIRCUMSTANCES IT IS FAR MORE ECONOMICAL TO GET IN TOUCH WITH A RECOGNISED DEALER.

UNIFIED THREAD FORM

NEW PARTS HAVING THREADED FIXINGS INTRODUCED IN THIS CATALOGUE HAVE THE UNIFIED FORM OF SCREW THREADS. THIS CHANGEOVER WILL BE CONTINUED AS AND WHEN NEW PARTS ARE INTRODUCED. EVEN WHERE PARTS ARE SIMILAR IN APPEARANCE NEW PART NUMBERS WILL BE ALLOCATED TO IDENTIFY THE UNIFIED THREADS. ALL NUTS, BOLTS AND STUDS HAVING THIS THREAD ARE IDENTIFIED BY MARKINGS. BOLTS HAVE A CIRCULAR RECESS IN THEIR HEADS, STUDS A CIRCULAR GROOVE ON THE END, AND NUTS HAVE INTERLOCKING CIRCLES ON THE SIDE.

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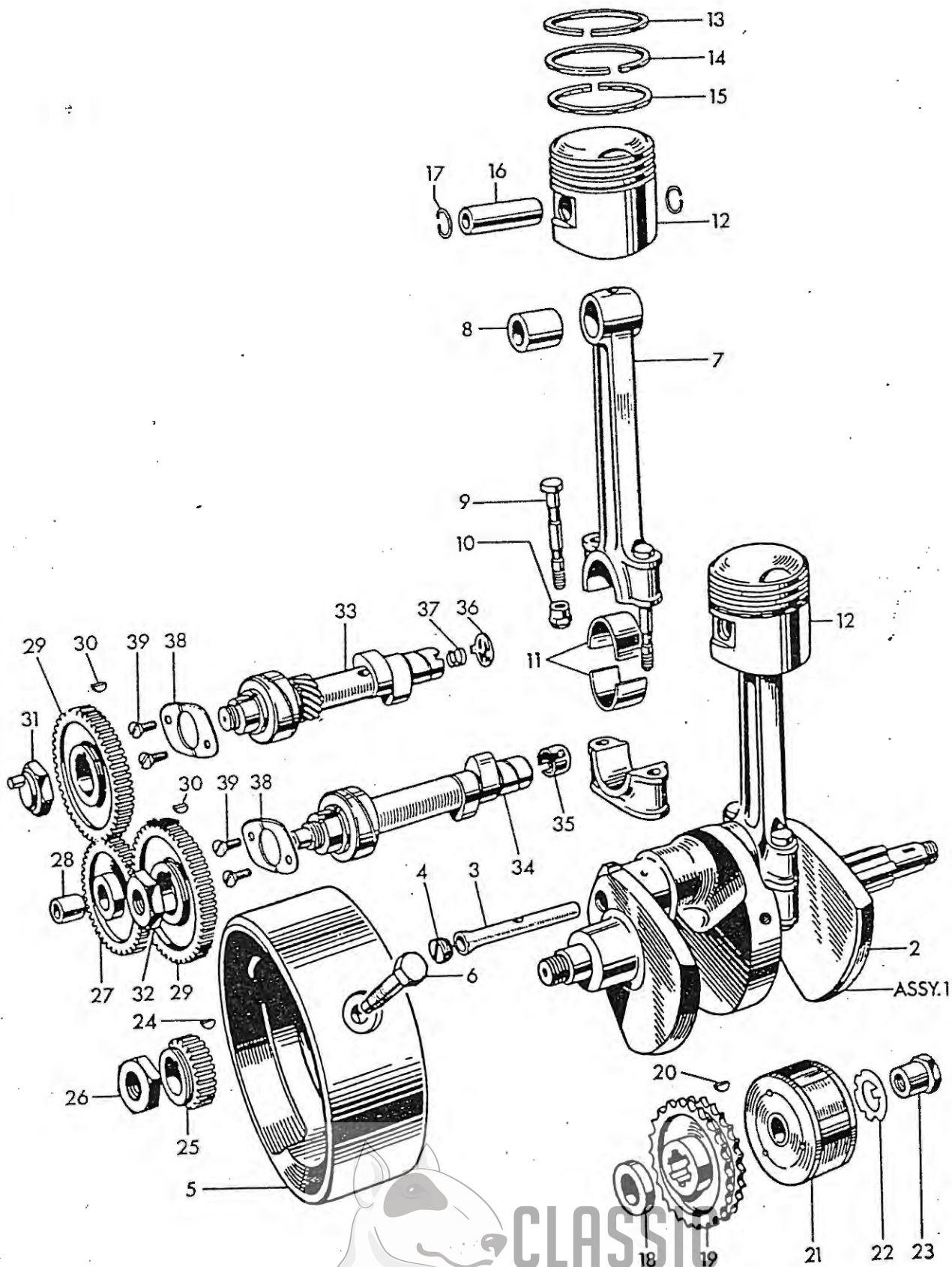


Fig. 1. CRANKSHAFT AND CONNECTING RODS

CLASSIC
BIKE SPARES

CRANKSHAFT AND CONNECTING RODS

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|----------------|--------------------------------------|----------|----------------------------|
| 1 | 84.00 E5869 | CRANKSHAFT AND FLYWHEEL ASSEMBLY ... | 1 | |
| 2 | 63.00 E3998 | Crankshaft ... | 1 | |
| 3 | 1.40 E3999 | Oil tube ... | 1 | |
| 4 | .28 E3711 | Screwed plug ... | 1 | |
| 5 | 12.26 E5870 | Flywheel ... | 1 | |
| 6 | .44* E3713 | Flywheel bolt ... | 3 | |
| 7 | 21.00 E6964 | CONNECTING ROD ... | 2 | T90 |
| 7 | 21.00 E4001T | CONNECTING ROD ... | 2 | T100S |
| 7 | 21.00 E6856 | CONNECTING ROD ... | 2 | T100T, T100R |
| 8 | 1.24 E1762 | Small end bush ... | 2 | T90 |
| 8 | 1.40 E4003 | Small end bush ... | 2 | T100S |
| 9 | 1.06 E3705 | Connecting rod bolt ... | 2 | |
| 10 | .54 E2922 | Self-locking nut ... | 2 | |
| 11 | 2.50 E3706 | Big end bearing ... | 4 | |
| 12 | NA E6899 | PISTON COMPLETE C.R. 9.5 : 1 ... | 2 | T90 |
| 12 | 15.08 E6884 | PISTON COMPLETE C.R. 9.1 ... | 2 | T100R, T100T, T100S, T100C |
| 13 | NA E6902 | Plain compression ring ... | 2 | T90 |
| 13 | NA E6893 | Taper compression ring ... | 4 | T100S |
| 14 | NA E6903 | Taper compression ring ... | 2 | T90 |
| 15 | NA E6904 | Oil control ring ... | 2 | T90 |
| 15 | NA E6894 | Oil control ring ... | 2 | T100S |
| 16 | NA E6901 | Gudgeon pin ... | 2 | T90 |
| 16 | 1.76 E6861 | Gudgeon pin ... | 2 | T100S |
| 17 | NA E6905 | Circlip ... | 4 | T90 |
| 17 | .06 E6869 | Circlip ... | 4 | T100S |
| 18 | .88 E4006 | Distance collar ... | 1 | |
| 19 | 5.78 E3734 | Engine sprocket, 26T Duplex ... | 1 | |
| 20 | .36 E3851 | Rotor key ... | 1 | |
| 21 | 36.00 54213901 | Rotor, type RM 19 ... | 1 | |
| 22 | .12 E3975 | Tab washer ... | 1 | |
| 23 | .36 E3735 | Nut ... | 1 | |
| 24 | .28 E1580 | Key ... | 1 | |
| 25 | 2.64 E1771 | Timing pinion ... | 1 | |
| 26 | .88 E398 | Nut ... | 1 | |
| 27 | 5.96 E6160 | INTERMEDIATE WHEEL ... | 1 | |
| 28 | .80 E400 | Bush ... | 1 | |
| 29 | 4.56 E1486A | Camshaft wheel ... | 2 | |
| 30 | .28 E1558 | Camshaft key ... | 2 | |
| 31 | 2.10 E1463 | Inlet camshaft nut ... | 1 | |
| 32 | .88 E4563 | Exhaust camshaft nut ... | 1 | |
| 33 | 12.26 E4678 | Inlet camshaft ... | 1 | |
| 34 | 15.76 E6965 | Exhaust camshaft ... | 1 | T100T, T100R |
| 34 | 14.00 E4786 | EXHAUST CAMSHAFT ... | 1 | T100S, T100C |
| 35 | .36† E4700 | Tachometer drive thimble ... | 1 | |
| 36 | .44 E5316 | Rotary breather valve ... | 1 | |
| 37 | .18 E2256 | Breather valve spring ... | 1 | |
| 38 | .80 E3727 | Retaining plate ... | 2 | |
| 39 | .06 E3728 | Screw (15/32 in. U.H.) ... | 4 | |

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* Use D524 Loctite sealant
 † Use E7050 to replace without dismantling



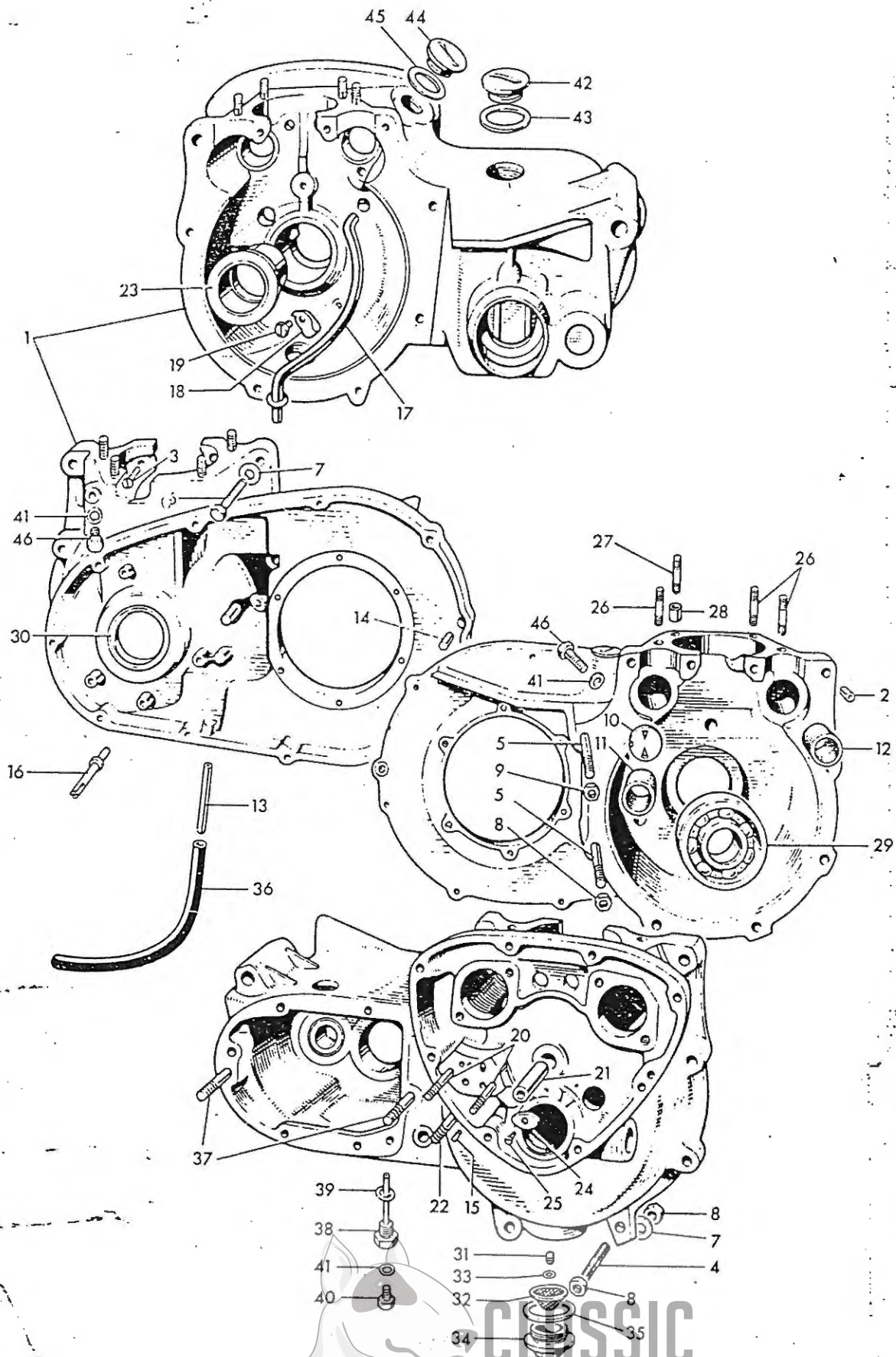


Fig. 2. CRANKCASE

CLASSIC
BIKE SPARES

CRANKCASE

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|-------------------|--|----------|--------------|
| 1 | 126.00 E5868/4645 | CRANKCASE c/w STUDS AND RIGHT MAIN BEARING | 1 | |
| 2 | .12 E3716 | Hollow dowel | 1 | |
| 3 | .18 E3859 | Screw ($\frac{3}{16}$ in. U.H.) | 2 | |
| 4 | .36 E3804 | Stud (3 in. O.A.) | 1 | |
| 5 | .36 E3803 | Stud ($3\frac{3}{4}$ in. U.H.)... .. | 2 | |
| 6 | .28 E3799 | Bolt ($1\frac{1}{8}$ in. U.H.)... .. | 1 | |
| 7 | .06 S25-3 | Plain washer | 3 | |
| 8 | .10 S1-51 | Nut | 3 | |
| 9 | .18 E1310 | Nut | 1 | |
| 10 | .36 E3822 | Breather disc | 1 | |
| 11 | .88 E3824 | Inlet camshaft bush | 1 | |
| 12 | .88 E3823 | Exhaust camshaft bush | 1 | |
| 13 | .36 E2724 | Breather pipe | 1 | |
| 14 | .06 E6076 | Blanking plug | 1 | Not serviced |
| 15 | .04 E6386 | Dowel | 1 | Not serviced |
| 16 | .44 E4147 | Chain tensioner abutment | 1 | |
| 17 | 2.46 E3719 | Oil scavenge pipe | 1 | |
| 18 | .18 E1509 | Clip | 1 | |
| 19 | .18 E1645 | Screw ($17/64$ in. U.H.) | 1 | |
| 20 | .18 E3718 | Oil pump stud ($1\frac{5}{16}$ in. O.A.) | 2 | |
| 21 | .88 E375 | Intermediate wheel spindle | 1 | |
| 22 | .12 E3717 | Oil pipes stud ($1\frac{1}{2}$ in. O.A.) | 1 | |
| 23 | 5.60 E4322 | Right main bearing | 1 | |
| 24 | .12 E4139 | Locating plate | 1 | |
| 25 | .10 E4140 | Self-tapping screw | 1 | |
| 26 | .28 E3820 | Cylinder stud ($1\frac{1}{2}$ in. O.A.) | 6 | |
| 27 | .28 E3819 | Cylinder stud ($1\frac{1}{16}$ in. O.A.) | 2 | |
| 28 | .12 E1534A | Dowel | 2 | |
| 29 | 9.60 E3835 | Left main bearing (Ball-journal) | 1 | |
| 30 | 1.58 E3876 | Oil seal | 1 | |
| 31 | .10 E3724 | Filter spring | 1 | |
| 32 | 1.40 E3722 | Filter | 1 | |
| 33 | .06 E3723 | Sealing washer | 1 | |
| 34 | .88 E1564 | Filter cap | 1 | |
| 35 | .10 E1577 | Joint washer | 1 | |
| 36 | .44 E3078 | Breather extension rubber pipe | 1 | |
| 37 | .18 T1399 | Stud ($3\frac{1}{16}$ in. O.A.) | 2 | |
| 38 | .98 T1112 | Drain plug (with level tube) | 1 | |
| 39 | .04 WE170 | Fibre washer | 1 | |
| 40 | .12 T361 | Level plug | 1 | |
| 41 | .04 E8896 | Fibre washer | 3 | |
| 42 | .88 E732 | Filler plug | 2 | |
| 43 | .10 NE507 | Fibre washer | 2 | |
| 44 | .36 E4587 | Distributor hole plug | 1 | |
| 45 | .06 E4593 | Fibre washer | 1 | |
| 46 | .18 E4706 | Tachometer drive plug | 2 | |



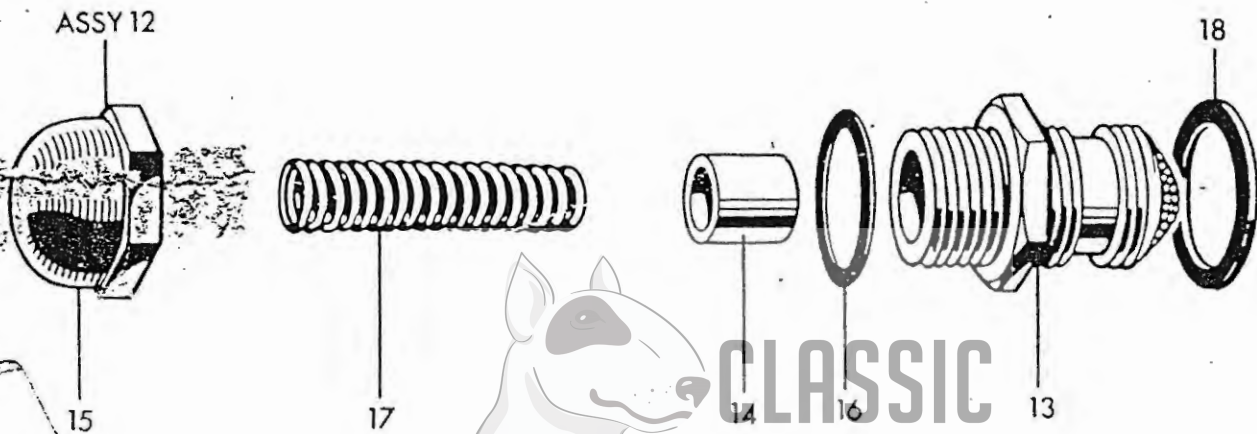
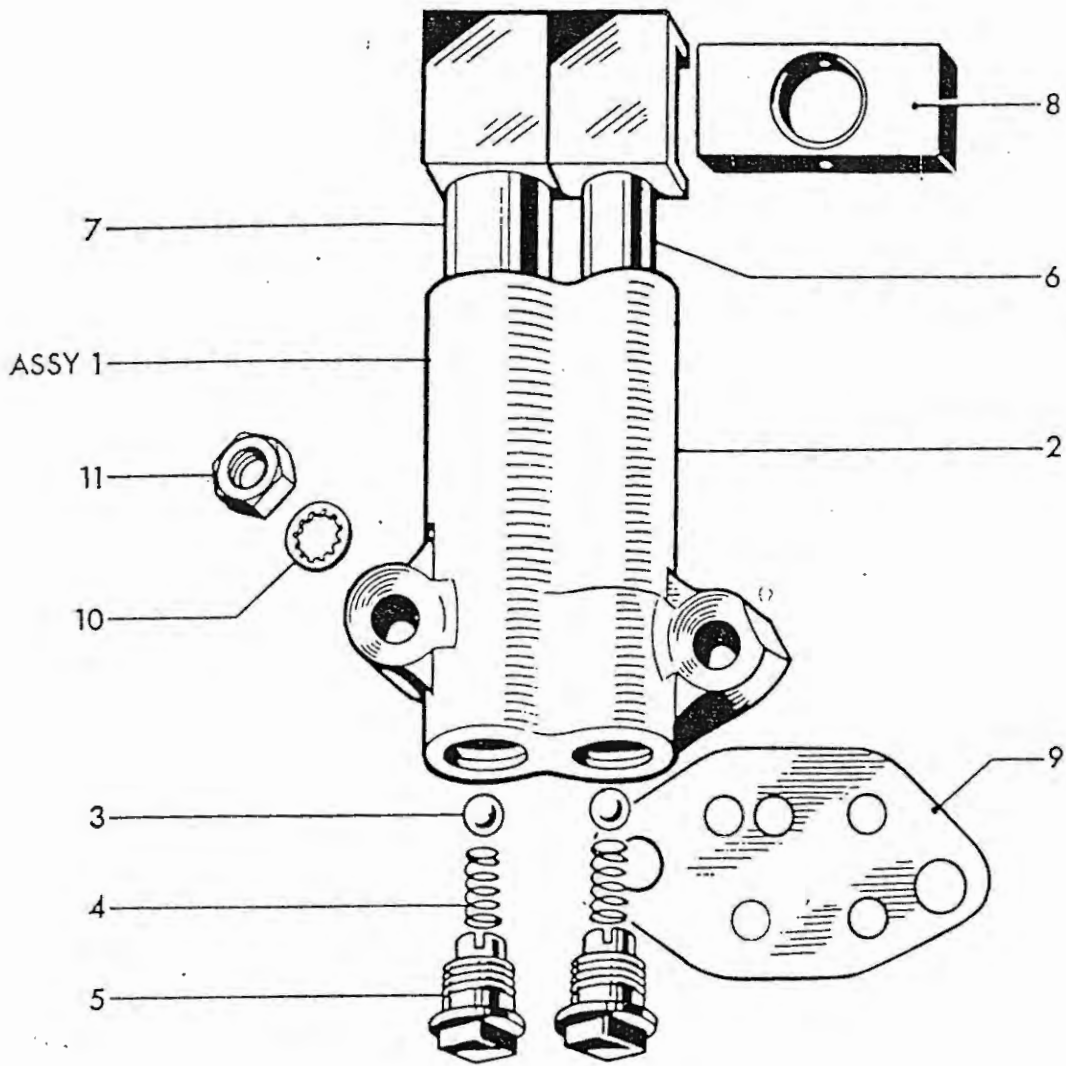


Fig. 3. OIL PUMP AND RELEASE VALVE



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

OIL PUMP AND RELEASE VALVE

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY |
|----|------------------------------|----------|--------------------------|----------|
| 1 | 12.60 | E6928 | OIL PUMP | 1 |
| 2 | 6.30 | E6680 | Pump body... | 1 |
| 3 | .04 | S70-7 | Valve ball | 2 |
| 4 | .10 | E403 | Valve spring | 2 |
| 5 | .54 | E2360 | Screwed plug | 2 |
| 6 | 1.58 | GS153 | Feed plunger | 1 |
| 7 | 2.10 | E6681 | Scavenge plunger | 1 |
| 8 | .88 | E495 | Drive block | 1 |
| 9 | .10 | E3730 | Joint washer | 1 |
| 10 | .06 | E3887 | Serrated washer | 2 |
| 11 | .06 | E3732 | Nut | 2 |
| 12 | 3.86 | E5896 | OIL RELEASE VALVE | 1 |
| 13 | 2.64 | E2794 | Valve body | 1 |
| 14 | .36 | GS251 | Piston | 1 |
| 15 | 1.24 | E2304 | Cap | 1 |
| 16 | .06 | GS254 | Fibre washer | 1 |
| 17 | .18 | E6062 | Main spring | 1 |
| 18 | .04 | E1670 | Fibre washer | 1 |



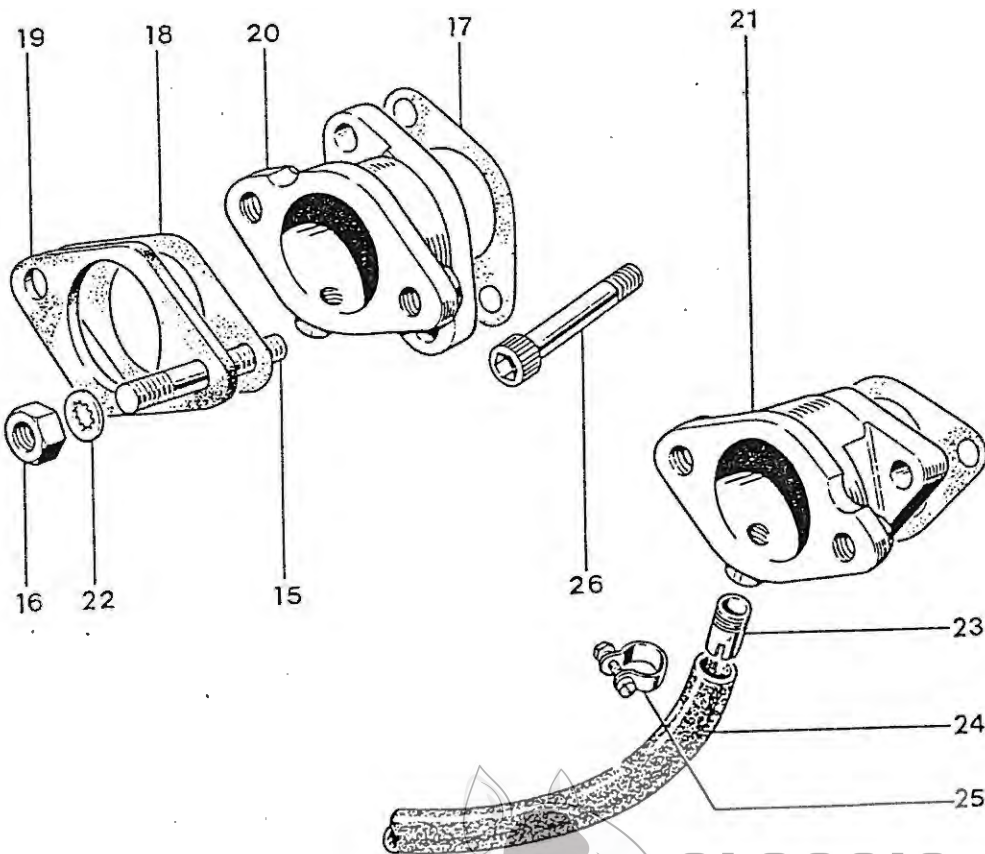
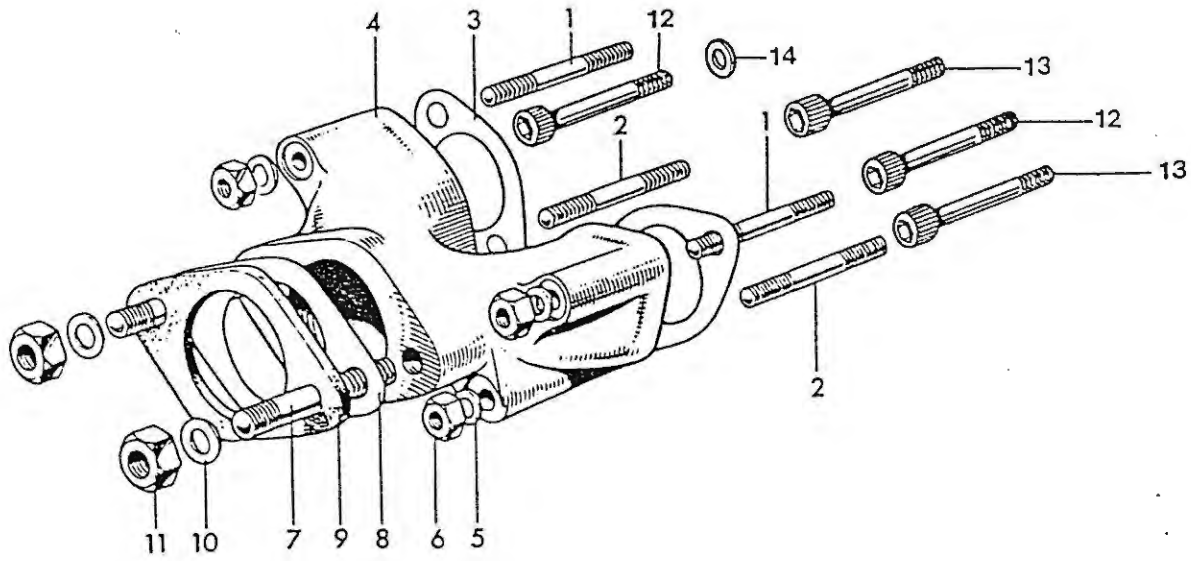


Fig. 4. INLET MANIFOLDS

CLASSIC
BIKE SPARES

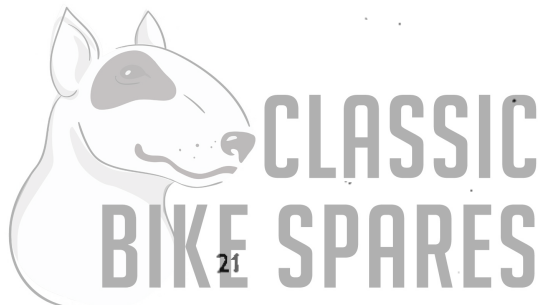
INLET MANIFOLDS

Single Carburetter Models (T90, T100S, T100C)

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|--------------------|--|----------|--------------|
| 1 | .28 E3796 | Stud (1 $\frac{17}{32}$ in. O.A.) <i>also used on no. 12</i> | 2 | |
| 2 | .37 E3797 | Stud (2 in. O.A.) <i>also used on no. 13</i> | 2 | |
| 3 | .18 E6772 | Joint washer | 2 | T100S, T100C |
| 4 | 7.88 E4689 | Inlet manifold <i>Not fitted to all models</i> | 1 | T90 |
| 4 | 7.88 E7578 | Inlet manifold | 1 | T100S, T100C |
| 5 | .06 S25-3 | Plain washer <i>Not fitted to 1968</i> | 4 | |
| 6 | .10 W103 | Nut <i>U.S. models</i> | 4 | |
| 7 | .12 E3880 | Stud (1 $\frac{1}{4}$ in. O.A.) <i>Not fitted to all models</i> | 2 | T90 |
| 7 | .18 S582 | Stud (1 $\frac{5}{16}$ in. O.A.) | 2 | T100S, T100C |
| 8 | .12 NA43A | Joint washer | 1 | |
| 9 | .36 E4564 | Insulating block <i>Not fitted to all models</i> | 1 | T90 |
| 9 | .36 E2968 | Insulating block | 1 | T100S |
| 10 | .06 S25-43 E2287 | Plain washer <i>serrated washers</i> | 2 | |
| 11 | .10 S1-5114-0722/0 | Nut - locking | 2 | |
| 12 | .36 14-7019/001 | Socket head screw ($\frac{7}{8}$ in. U.H.) | 2 | T100S, T100C |
| 13 | .62 14-7024/001 | Socket head screw (2 in. U.H.) | 2 | T100S, T100C |
| 14 | .10 S648 | Spring washer <i>also used on T100C manifold socket head screws.</i> | 4 | |

Twin Carburetter Models (T100T, T100R)

| | | | | |
|----|-----------------|---|---|--|
| 15 | .18 S582 | Stud (1 $\frac{5}{16}$ in. U.H.) | 4 | |
| 16 | .18 14-0702/001 | Nut, locking | 4 | |
| 17 | .18 E6772 | Joint washer, manifold... | 2 | |
| 18 | .12 NA43A | Joint washer, insulating block | 2 | |
| 19 | .36 E2968 | Insulating block | 2 | |
| 20 | 4.20 E7136 | Left manifold | 1 | |
| 21 | 4.20 E7137 | Right manifold | 1 | |
| 22 | .06 E2287 | Serrated washer | 4 | |
| 23 | .36 E6916 | Connector | 2 | |
| 24 | .54 E6958 | Balance pipe | 1 | |
| 25 | .18 E5473 | Clip | 2 | |
| 26 | .36 14-7019/001 | Socket head screw ($\frac{7}{8}$ in. U.H.) | 4 | |



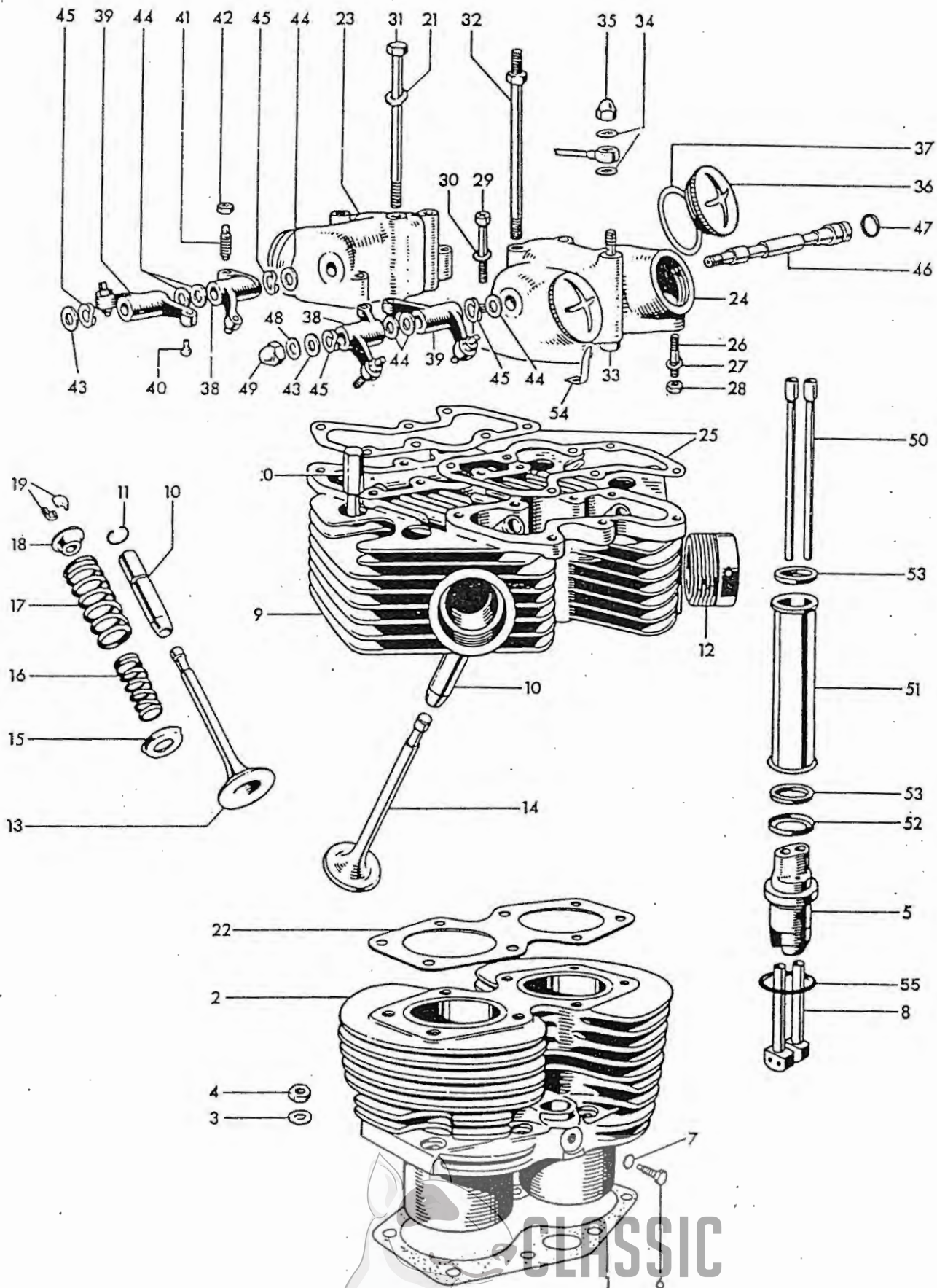


Fig. 5. CYLINDER BLOCK AND HEAD, T90

CLASSIC
BIKE SPARES

CYLINDER BLOCK AND HEAD, T90

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-------------|---|----------|---------|
| 1 | .18 E3798 | Cylinder base washer | 1 | |
| 2 | 52.50 E3698 | Cylinder block | 1 | |
| 3 | .06 GS308 | Plain washer | 8 | |
| 4 | .36 E2412 | Nut | 8 | |
| 5 | 2.80 E4676 | Tappet guide block | 2 | |
| 6 | .18 H200 | Tappet block screw ($\frac{7}{8}$ in. U.H.) | 2 | |
| 7 | .04 E1612 | Serrated washer | 2 | |
| 8 | 3.50 E3753 | Tappet | 4 | |
| 9 | NA E6699 | CYLINDER HEAD c/w GUIDES | 1 | |
| 10 | 3.50 E6301 | Valve guide | 4 | |
| 11 | .06 E3209 | Valve guide circlip | 4 | |
| 12 | 1.76 E2961 | Exhaust pipe adaptor | 2 | |
| 13 | 3.50 E4640 | Inlet valve | 2 | |
| 14 | 6.14 E3739 | Exhaust valve | 2 | |
| 15 | .28 E3740 | Bottom cup | 4 | |
| 16 | .60 E5946 | Inner valve spring | 4 | |
| 17 | .70 E4011 | Outer valve spring | 4 | |
| 18 | .36 E3742 | Top collar | 4 | |
| 19 | .18 WE259A | Split cotter | 8 | |
| 20 | .54 E4456 | Cylinder head bolt (2 25/32 in. U.H.) | 4 | |
| 21 | .06 F2184 | Plain washer | 8 | |
| 22 | 1.94 E4674 | Cylinder head gasket | 1 | |
| 23 | 10.50 E3745 | Inlet rocker box | 1 | |
| 24 | 10.50 E3744 | Exhaust rocker box | 1 | |
| 25 | .28 E3743 | Joint washer | 2 | |
| 26 | .12 E3858 | Rocker box stud ($\frac{15}{16}$ in. O.A.) | 4 | |
| 27 | .06 E3302 | Plain washer | 4 | |
| 28 | .06 F879 | Nut | 4 | |
| 29 | .12 E3668 | Screw ($\frac{15}{16}$ in. U.H.) | 4 | |
| 30 | .04 E3857 | Plain washer | 4 | |
| 31 | .80 E3794 | Cylinder head bolt (5 $\frac{7}{16}$ in. U.H.) | 2 | |
| 32 | .80 E3795 | Cylinder head torque stay bolt | 2 | |
| 33 | .36 E3809 | Oil feed bolt | 2 | |
| 34 | .04 F1880 | Copper washer | 6 | |
| 35 | .36 H400 | Domed nut | 2 | |
| 36 | .70 E4610 | Inspection cap | 4 | |
| 37 | .06 E3751 | Fibre washer | 4 | |
| 38 | 4.90 E3749 | ROCKER (Right exhaust, left inlet) | 2 | |
| 39 | 4.90 E3750 | ROCKER (Left exhaust, right inlet)... .. | 2 | |
| 40 | .44 E3222 | Rocker ball pin | 4 | |
| 41 | .54 E3223 | Rocker adjusting pin | 4 | |
| 42 | .10 GS662 | Adjuster lock nut | 4 | |
| 43 | .06 E1330 | Thrust washer, $\frac{3}{8}$ in. | 2 | |
| 44 | .06 E2534 | Thrust washer, $\frac{7}{16}$ in. | 6 | |
| 45 | .06 E3224 | Spring washer | 4 | |
| 46 | 2.64 E3748 | Rocker spindle | 2 | |
| 47 | .04 E3253 | Sealing rubber | 2 | |
| 48 | .04 E1335 | Copper washer | 2 | |

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BIKE SPARES

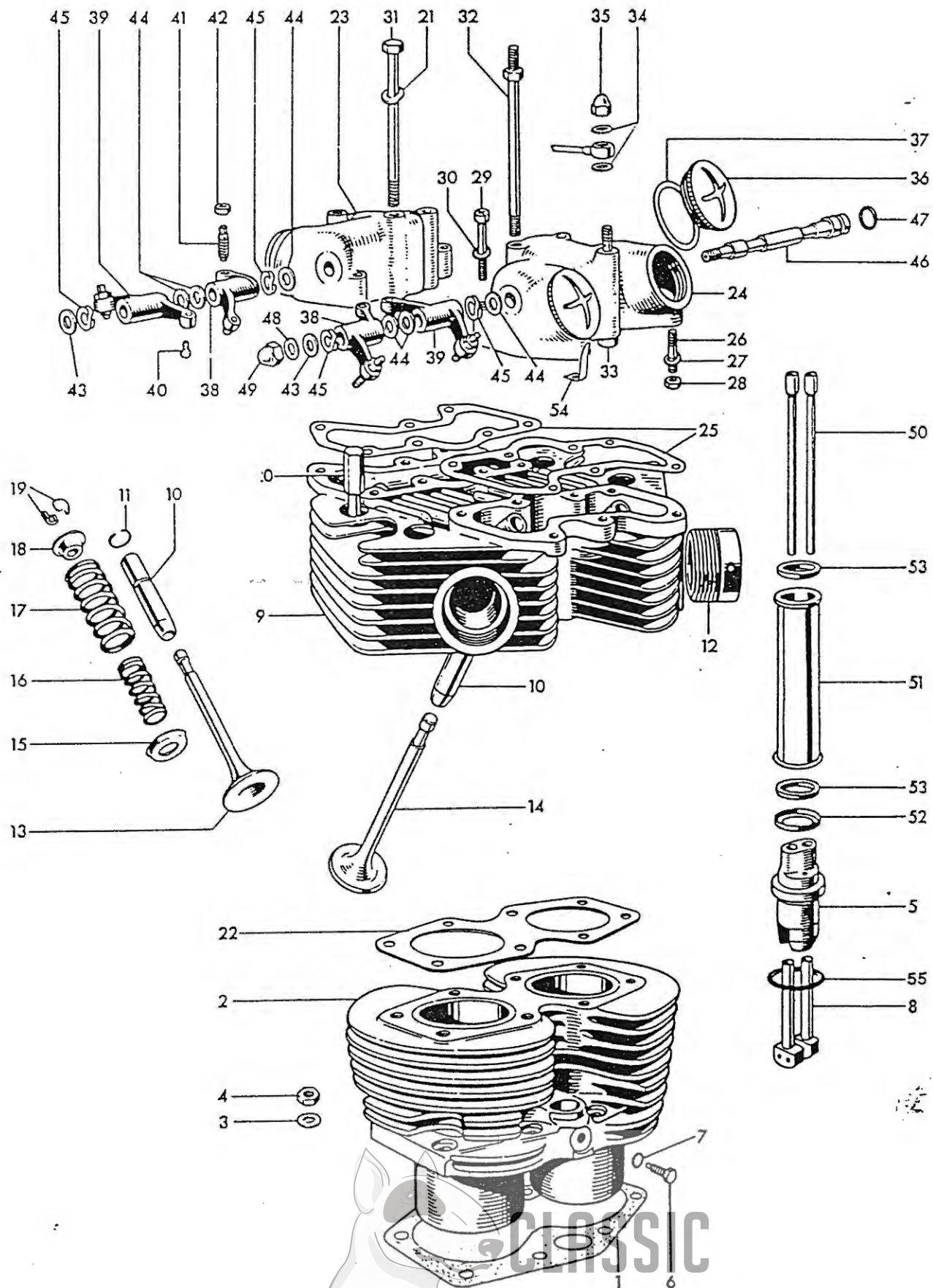


Fig. 5. CYLINDER BLOCK AND HEAD, T90

CYLINDER BLOCK AND HEAD, T90

(Continued)

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY |
|----|------------------------------|----------|-----------------------|----------|
| 49 | .44 | E1435 | Domed nut | 2 |
| 50 | 1.40 | E3759 | Push rod | 4 |
| 51 | 2.46 | E4751 | Cover tube | 2 |
| 52 | .10 | E4746 | Bottom cup | 2 |
| 53 | .28 | E4752 | Rubber washer | 4 |
| 54 | .12 | E4671 | Locking spring | 4 |
| 55 | .18 | E7563 | "O" ring | 2 |

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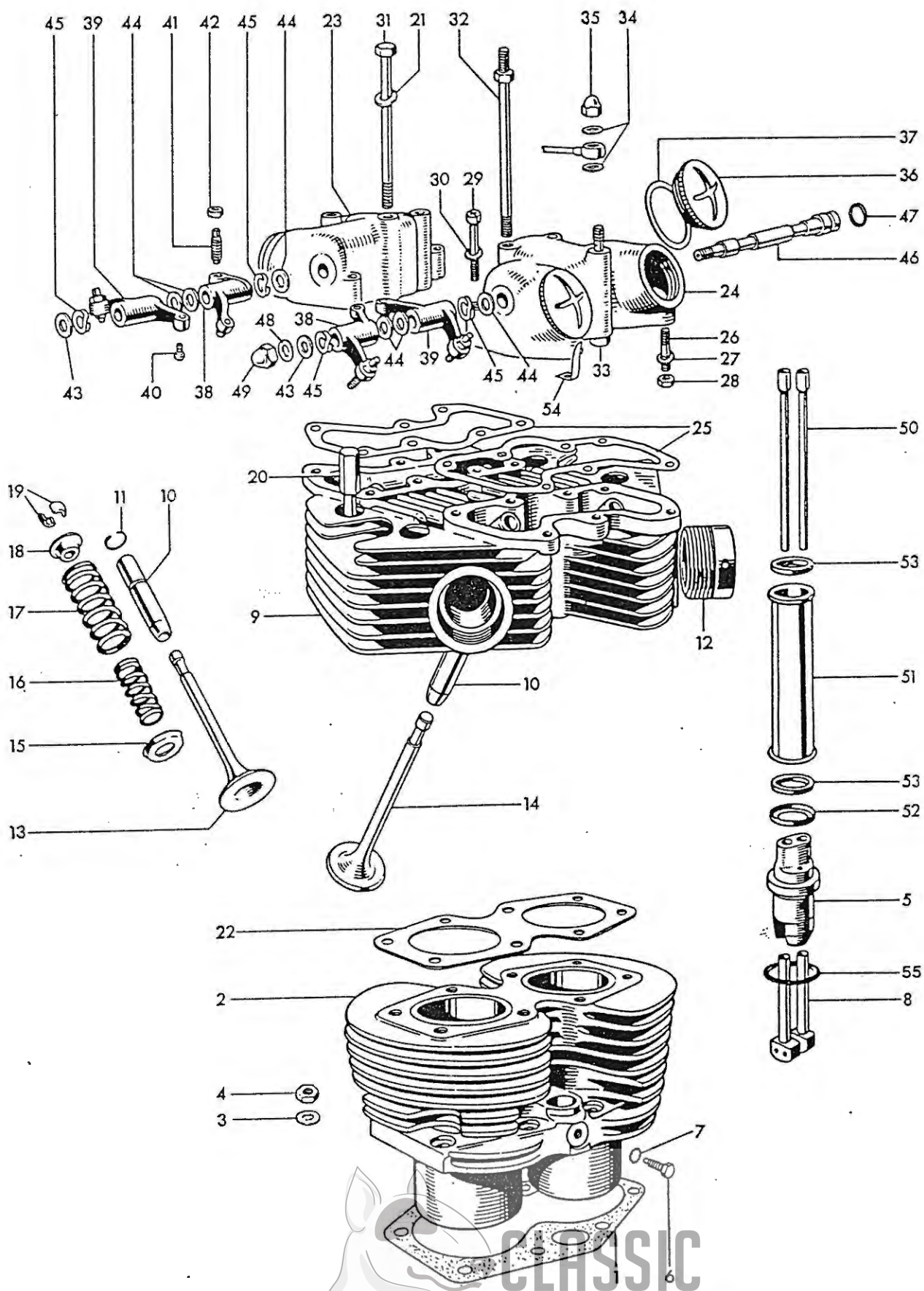
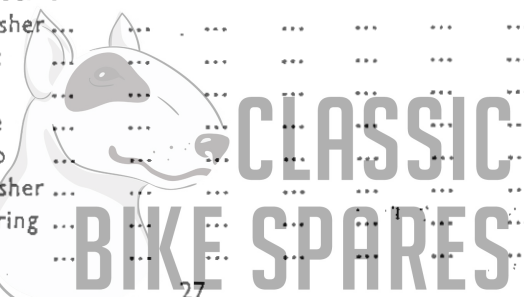


Fig. 6. CYLINDER BLOCK AND HEAD, T100S AND T100C

CLASSIC
BIKE SPARES

Ref No Part No DESCRIPTION QUANTITY REMARKS

| Ref No | Part No | DESCRIPTION | QUANTITY | REMARKS |
|--------|-------------|--|----------|-------------|
| C | | DER BLOCK AND HEAD, T100S, T100C SINGLE CARBURETTER | | |
| 1 | .18 E3798 | Cylinder base washer | 1 | |
| 2 | 63.00 E4000 | Cylinder block | 1 | |
| 3 | .06 GS308 | Plain washer | 8 | |
| 4 | .36 E2412 | Nut <i>from engine no. H5879S</i> | 8 | <i>8.92</i> |
| 5 | 2.80 E4676 | Tappet guide block | 2 | |
| 6 | .18 H200 | Tappet block screw ($\frac{7}{16}$ in. U.H.) | 2 | |
| 7 | .04 E1612 | Serrated washer | 2 | |
| 8 | 3.50 E3753 | Tappet | 4 | |
| 9 | 96.26 E6966 | CYLINDER HEAD c/w GUIDES | 1 | |
| 10 | 3.50 E6301 | Valve guide | 4 | |
| 11 | .06 E3209 | Valve guide circlip | 4 | |
| 12 | 1.76 E2961 | Exhaust pipe adaptor | 2 | |
| 13 | 3.86 E6853 | Inlet valve | 2 | |
| 14 | 6.30 E6854 | Exhaust valve | 2 | |
| 15 | .12 E6855 | Bottom Cup | 4 | |
| 16 | .60 E5946 | Inner valve spring | 4 | |
| 17 | .70 E4011 | Outer valve spring | 4 | |
| 18 | .36 E3742 | Top collar | 4 | |
| 19 | .18 WE2559A | Split cotter <i>WE 259A</i> | 8 | |
| 20 | .54 E4456 | Cylinder head bolt (2 $\frac{25}{32}$ in. U.H.) | 4 | |
| 21 | .06 F2184 | Plain washer | 8 | |
| 22 | 1.94 E4675 | Cylinder head gasket | 1 | |
| 23 | 10.50 E3745 | Inlet rocker box | 1 | |
| 24 | 10.50 E3744 | Exhaust rocker box | 1 | |
| 25 | .28 E3743 | Joint washer | 2 | |
| 26 | .12 E3858 | Rocker box stud ($\frac{15}{16}$ in. O.A.) | 4 | |
| 27 | .06 E3302 | Plain washer | 4 | |
| 28 | .06 F879 | Nut | 4 | |
| 29 | .12 E3668 | Screw ($\frac{15}{16}$ in. U.H.) | 4 | |
| 30 | .04 E3857 | Plain washer | 4 | |
| 31 | .80 E3794 | Cylinder head bolt ($5\frac{7}{16}$ in. U.H.) | 2 | |
| 32 | .80 E3795 | Cylinder head torque stay bolt | 2 | |
| 33 | .36 E3809 | Oil feed bolt | 2 | |
| 34 | .04 F1880 | Copper washer | 6 | |
| 35 | .36 H400 | Domed nut | 2 | |
| 36 | .70 E4610 | Inspection cap | 4 | |
| 37 | .06 E3751 | Fibre washer | 4 | |
| 38 | 4.90 E3749 | ROCKER (right exhaust, left inlet) | 2 | |
| 39 | 4.90 E3750 | ROCKER (left exhaust, right inlet) | 2 | |
| 40 | .44 E3222 | Rocker ball pin | 4 | |
| 41 | .54 E3223 | Rocker adjusting pin | 4 | |
| 42 | .10 GS662 | Adjuster lock nut | 4 | |
| 43 | .06 E1330 | Thrust washer, $\frac{3}{8}$ in. | 4 | |
| 44 | .06 E2534 | Thrust washer, $\frac{7}{16}$ in. | 6 | |
| 45 | .06 E3224 | Spring washer | 2 | |
| 46 | 2.64 E3748 | Rocker spindle | 2 | |
| 47 | .04 E3253 | Sealing rubber | 2 | |
| 48 | .04 E1335 | Copper washer | 2 | |
| 49 | .44 E1435 | Domed nut | 2 | |
| 50 | 1.40 E4008 | Push rod | 4 | |
| 51 | 2.46 E4751 | Cover tube | 2 | |
| 52 | .10 E4746 | Bottom cup | 2 | |
| 53 | .28 E4752 | Rubber washer | 4 | |
| 54 | .12 E4671 | Locking spring | 4 | |
| 55 | .18 E7563 | "O" ring | 2 | |



CLASSIC
BIKE SPARES

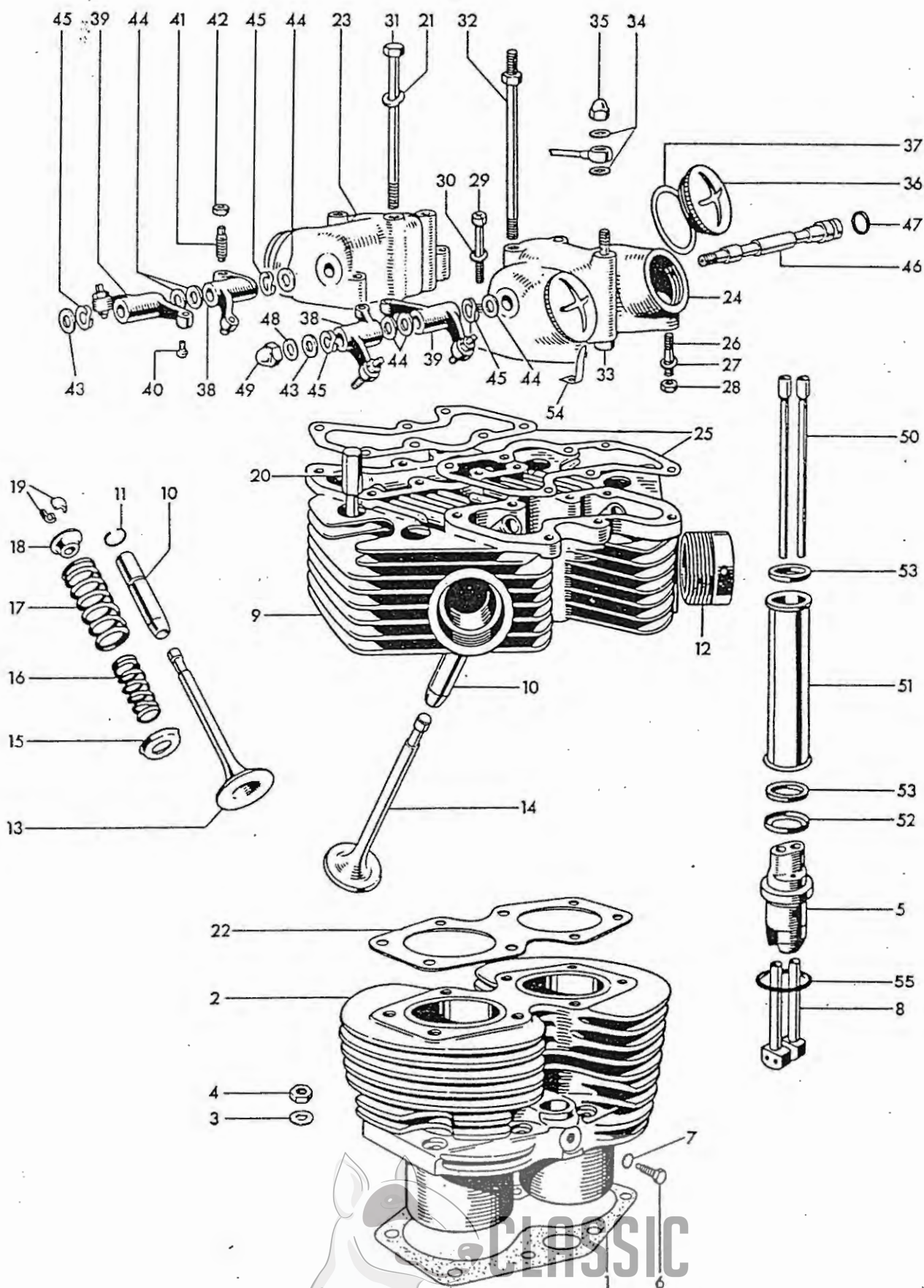
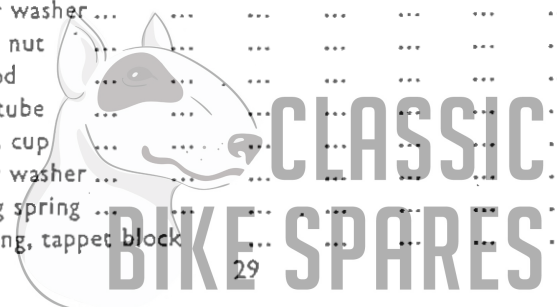
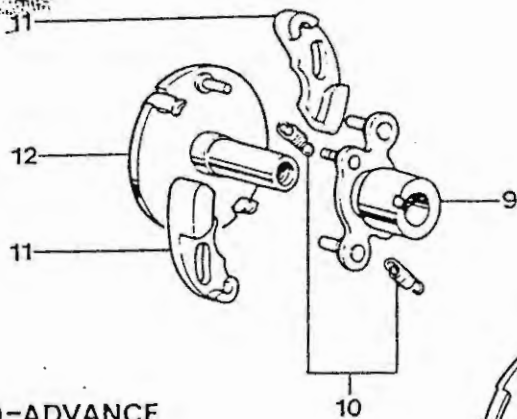
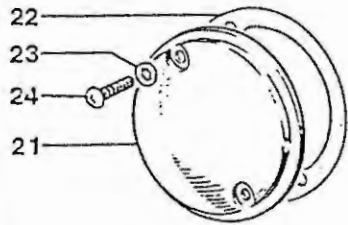
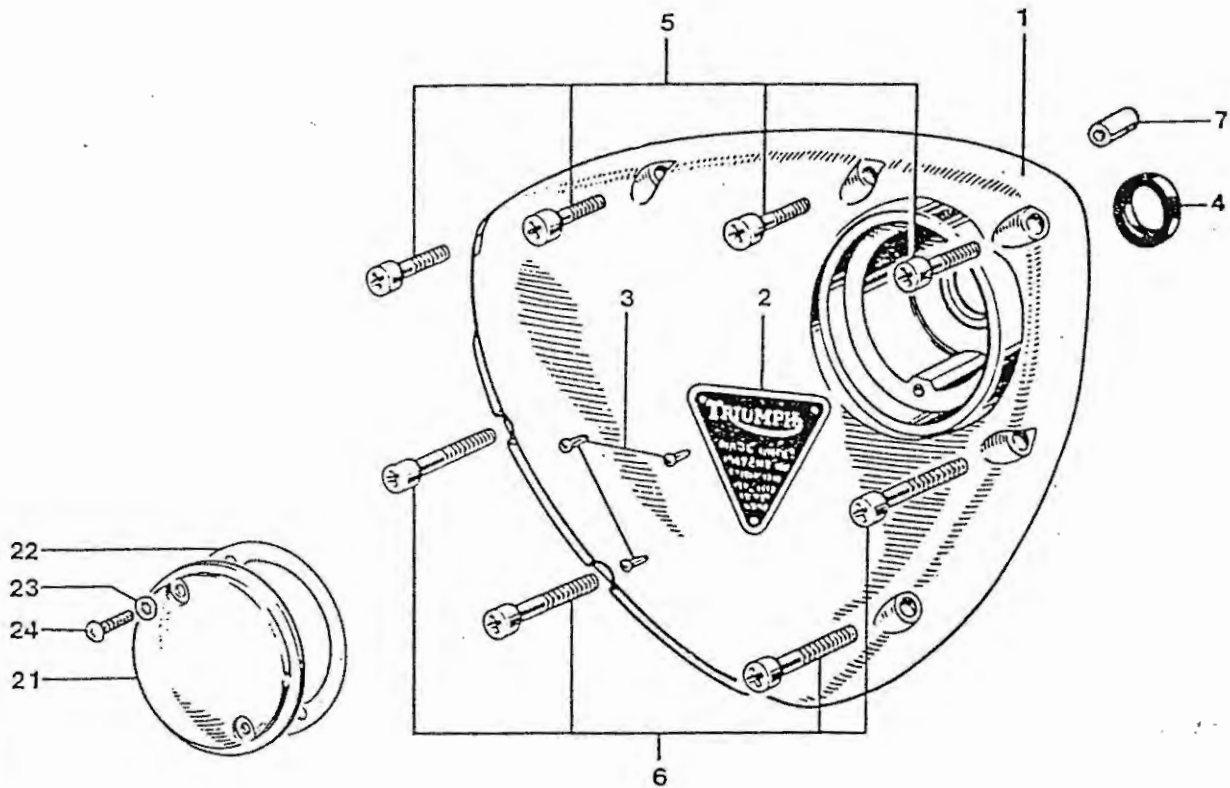


Fig. 7. CYLINDER BLOCK AND HEAD, T100R, T100T

CLASSIC BIKE SPARES

| Ref No | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|--------|------------------------|---|---|---------|
| | | DER BLOCK AND HEAD, T100R, T100T TWIN CARBURETTER | | |
| C | Suggested Retail Price | | | |
| 1 | .18 | E3798 | Cylinder base washer | 1 |
| 2 | 63.00 | E4000 | Cylinder block | 1 |
| 3 | .06 | GS308 | Plain washer | 8 |
| 4 | .36 | E2412 | Nut <i>from engine no H 58798</i> | 8 |
| 5 | 2.80 | E4676 | Tappet guide block | 2 |
| 6 | .18 | H200 | Tappet block screw ($\frac{7}{8}$ in. U.H.) | 2 |
| 7 | .04 | E1612 | Serrated washer | 2 |
| 8 | 4.20 | E4040 | Tappet ... <i>locking type</i> | 4 |
| 9 | 96.26 | E6966 | CYLINDER HEAD c/w GUIDES | 1 |
| 10 | 3.50 | E6301 | Valve guide | 4 |
| 11 | .06 | E3209 | Valve guide circlip | 4 |
| 12 | 1.76 | E2961 | Exhaust pipe adaptor | 2 |
| 13 | 3.86 | E6853 | Inlet valve | 2 |
| 14 | 6.30 | E6854 | Exhaust valve | 2 |
| 15 | .12 | E6855 | Bottom Cup | 4 |
| 16 | .60 | E5946 | Inner valve spring | 4 |
| 17 | .70 | E4011 | Outer valve spring | 4 |
| 18 | .36 | E3742 | Top collar | 4 |
| 19 | .18 | WE29A | Split cotter <i>W.E 259 A</i> | 8 |
| 20 | .54 | E4456 | Cylinder head bolt (2 25/32 in. U.H.) | 4 |
| 21 | .06 | F2184 | Plain washer | 8 |
| 22 | 1.94 | E4675 | Cylinder head gasket | 1 |
| 23 | 10.50 | E3745 | Inlet rocker box | 1 |
| 24 | 10.50 | E3744 | Exhaust rocker box | 1 |
| 25 | .28 | E3743 | Joint washer | 2 |
| 26 | .12 | E3858 | Rocker box stud ($\frac{13}{16}$ in. O.A.) | 4 |
| 27 | .06 | E3302 | Plain washer | 4 |
| 28 | .06 | F879 | Nut | 4 |
| 29 | .12 | E3668 | Screw ($\frac{13}{16}$ in. U.H.) | 4 |
| 30 | .04 | E3857 | Plain washer | 4 |
| 31 | .80 | E3794 | Cylinder head bolt ($5\frac{7}{16}$ in. U.H.) | 2 |
| 32 | .80 | E3795 | Cylinder head torque stay bolt | 2 |
| 33 | .36 | E3809 | Oil feed bolt | 2 |
| 34 | .04 | F1880 | Copper washer | 6 |
| 35 | .36 | E400 H400 | Domed nut | 2 |
| 36 | .70 | E4610 | Inspection cap | 4 |
| 37 | .06 | E3751 | Fibre washer | 4 |
| 38 | 4.90 | E3749 | ROCKER (right exhaust, left inlet) | 2 |
| 39 | 4.90 | E3750 | ROCKER (left exhaust, right inlet) | 2 |
| 40 | .44 | E3222 | Rocker ball pin | 4 |
| 41 | .54 | E3223 | Rocker adjusting pin | 4 |
| 42 | .10 | GS662 | Adjuster lock nut | 4 |
| 43 | .06 | E1330 | Thrust washer, $\frac{3}{8}$ in. | 4 |
| 44 | .06 | E2534 | Thrust washer, $\frac{7}{16}$ in. | 6 |
| 45 | .06 | E3224 | Spring washer | 2 |
| 46 | 2.64 | E3748 | Rocker spindle | 2 |
| 47 | .04 | E3253 | Sealing rubber | 2 |
| 48 | .04 | E1335 | Copper washer | 2 |
| 49 | .44 | E1435 | Domed nut | 2 |
| 50 | 1.40 | E4008 | Push rod | 4 |
| 51 | 2.46 | E4751 | Cover tube | 2 |
| 52 | .10 | E4746 | Bottom cup | 2 |
| 53 | .28 | E4752 | Rubber washer | 4 |
| 54 | .12 | E4671 | Locking spring | 4 |
| 55 | .18 | E7563 | "O" ring, tappet block | 2 |





AUTO-ADVANCE
UNIT No. 8

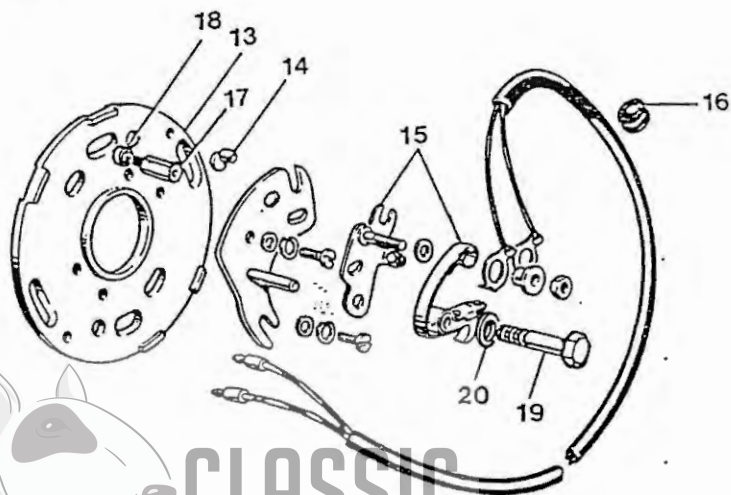


Fig. 8. TIMING COVER AND CONTACT BREAKER

CLASSIC
BIKE SPARES

TIMING COVER AND CONTACT BREAKER

| Ref. No. | Part No. | Description | Quantity |
|----------|------------------|--------------------------------------|----------|
| 1 | 15.76 E4630 | Timing cover | 1 |
| 2 | .54 E4016 | Patent plate | 1 |
| 3 | .06 D208-5 | Hammer-drive screw | 3 |
| 4 | .70 E4568 | Oil seal | 1 |
| 5 | .12 E3800 | Screw (7/8 in. U.H.) | 4 |
| 6 | .18 E3801 | Screw (1 1/8 in. U.H.) | 4 |
| 7 | .12 T989 | Hollow dowel | 1 |
| 8 | 10.45 54419340 | AUTO-ADVANCE UNIT | 1 |
| 9 | NA Not supplied | Cam... .. | 1 |
| 10 | .40 54415642 | Spring set | 1 |
| 11 | .70 425359 | Weight | 2 |
| 12 | NA 54419428 | Sleeve and action plate | 1 |
| 13 | 10.70 54419097 | CONTACT BREAKER PLATE ASSEMBLY... .. | 1 |
| 14 | 1.20PK 54419220 | Pin adjustment | 2 |
| 15 | 1.55 54419827 | Contact set | 2 |
| 16 | .18 E4707 | Rubber grommet | 1 |
| 17 | .28 E7680 | Pillar bolt | 2 |
| 18 | .06 E6559 | Washer | 2 |
| 19 | .18 E8828 | Bolt (2 1/8 in. U.H.) | 1 |
| 20 | .06 S25-43 | Washer | 1 |
| 21 | 1.40 E8737 | Cover | 1 |
| 22 | .20 E5049 E5049T | Joint washer | 1 |
| 23 | .04 GS299 | Serrated washer | 2 |
| 24 | .06 E7354 | Screw | 2 |

E 4849 dowel pin, auto-advance unit to exhaust camshaft.

54933228 lead, contact set to coil.
 special U.S.-made timing cover gasket available if required, part number CD451.

CD523 Auto Advance Unit Extractor.
 CD491 T.D.C. Locating Tool



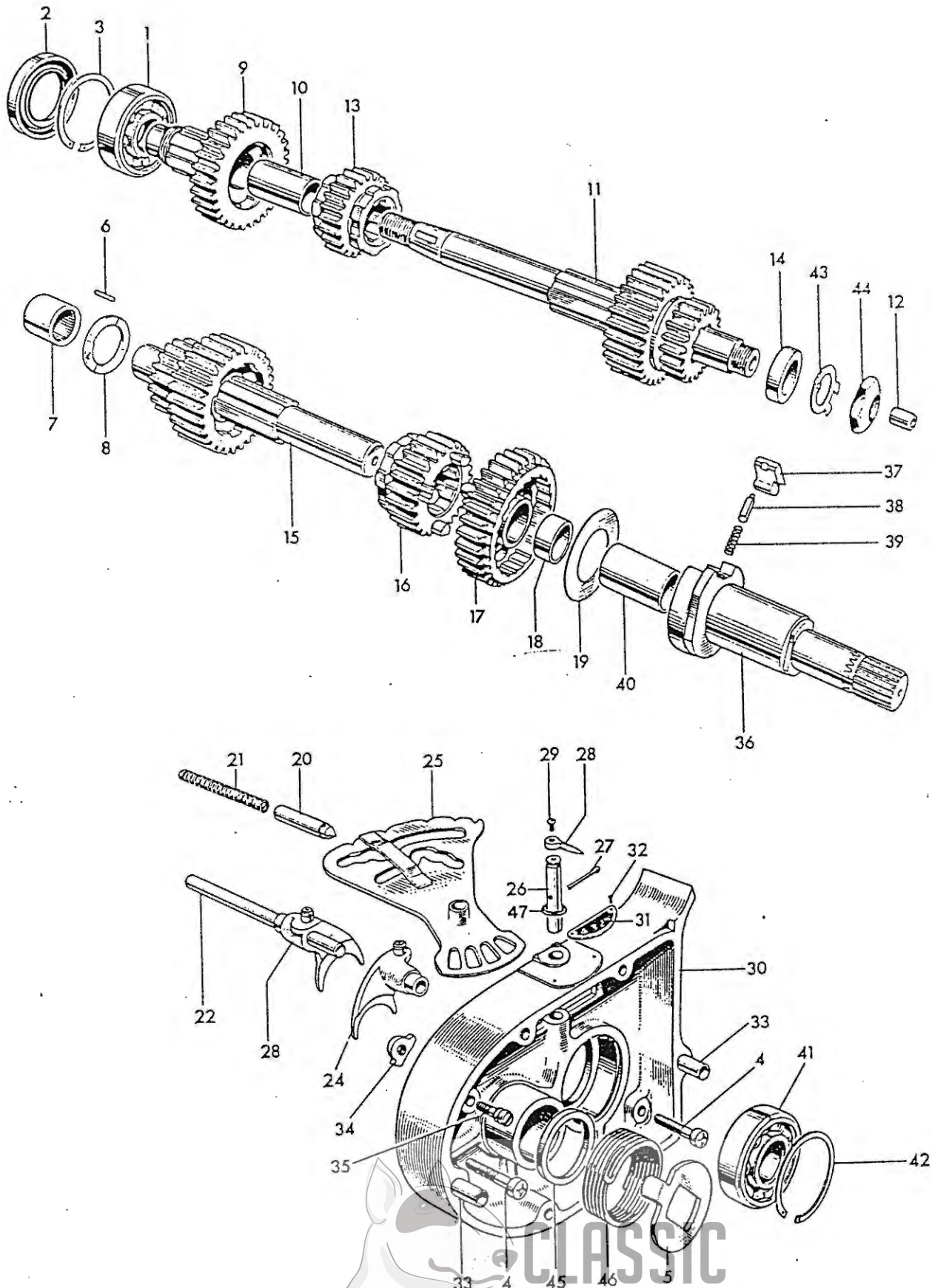


Fig. 9. GEARBOX SHAFTS, BEARINGS AND INNER COVER

CLASSIC
BIKE SPARES

GEARBOX SHAFTS, BEARINGS AND INNER COVER

| Ref. No. | Part No. | Description | Quantity |
|----------|---|---|----------|
| 1 | 8.40 T665 | High gear bearing (ball journal) | 1 |
| 2 | 1.58 T1478 | Oil seal | 1 |
| 3 | .28 W680 | Circlip | 1 |
| 4 | .10 E3204 | Screw (1 in. U.H.) | 2 |
| 5 | .44 T1422 | Return spring plate | 1 |
| 6 | .06 T912 | Peg | 1 |
| 7 | 1.10 T1606 | Layshaft bearing | 1 |
| 8 | .88 T1607 | Thrust washer | 1 |
| 9 | 20.14 T2318 | MAINSHAFT HIGH GEAR (22T) | 1 |
| 10 | 2.46 T1405 | High gear bush | 1 |
| 11 | 26.26 T2275 | MAINSHAFT c/w THIRD AND LOW GEARS (16/24T) | 1 |
| 12 | .28 T1391 | Clutch rod bush | 1 |
| 13 | 5.26 T1922 | Mainshaft second gear (21T) | 1 |
| 14 | .28 T1411 | Mainshaft distance piece | 1 |
| 15 | 20.14 T1949 | Layshaft c/w second and high gears (15/23T) | 1 |
| 16 | 5.60 T1839 | Layshaft third gear (20T) | 1 |
| 17 | 8.76 T1950 | LAYSHAFT LOW GEAR (27T) | 1 |
| 18 | .88 T1393 | Low gear bush | 1 |
| 19 | .10 T1426 | Pawl retaining disc | 1 |
| 20 | .44 T1471 | Camplate index plunger | 1 |
| 21 | .10 T373 | Index plunger spring | 1 |
| 22 | .44 T1457 | Selector fork spindle | 1 |
| 23 | 4.38 T1480 | Mainshaft selector fork | 1 |
| 24 | 4.38 T1481 | Layshaft selector fork | 1 |
| 25 | 4.90 T1768 | Gear selector camplate | 1 |
| 26 | .44 T1418 | Camplate spindle | 1 |
| 27 | .10PK $\frac{1}{8}$ in. x $\frac{1}{4}$ in. | Split pin ... CP .Ys x 3/4 | 1 |
| 28 | .18 T1416 | Gear indicator pointer | 1 |
| 29 | .12 H688 | Screw ($\frac{5}{16}$ in. U.H.) | 1 |
| 30 | 15.76 T1448 | Inner cover | 1 |
| 31 | .36 T1417 | Gear indicator plate | 1 |
| 32 | .06 D208-5 | Indicator plate rivet | 2 |
| 33 | .18 T1440 | Hollow dowel | 2 |
| 34 | .44 T1157 | Kickstarter scop plate | 1 |
| 35 | .10 T1390 | Stop plate and anchor screw | 1 |
| 36 | 13.30 T1981 | KICKSTARTER SPINDLE | 1 |
| 37 | .70 T1431 | Kickstarter pawl | 1 |
| 38 | .28 T1282 | Plunger | 1 |
| 39 | .10 T1161 | Plunger spring | 1 |
| 40 | 1.10 T1897 | Bearing | 1 |
| 41 | 6.16 T1469 | Mainshaft bearing (Ball journal) | 1 |
| 42 | .36 T280 | Circlip | 1 |
| 43 | .12 T732 | Tab washer | 1 |
| 44 | .28 S594 | Mainshaft nut | 1 |
| 45 | .36 T1464 | Distance piece | 1 |
| 46 | .70 T1441 | Kickstarter return spring | 1 |
| 47 | .10 E4803 | "O" ring | 1 |

T 373TC



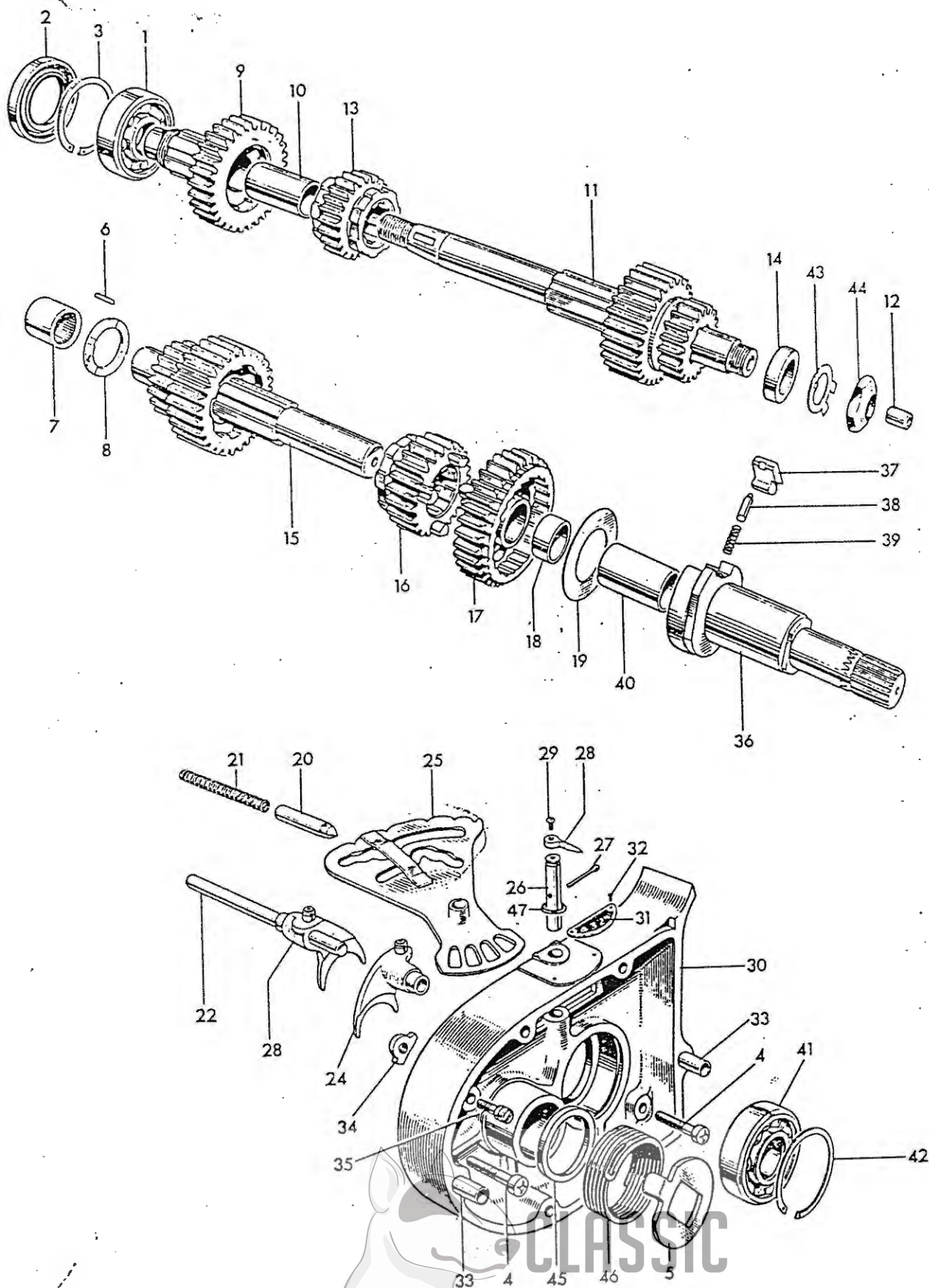


Fig. 9. GEARBOX SHAFTS, BEARINGS AND INNER COVER

CLASSIC
BIKE SPARES

WIDE RATIO GEARS

(Can be fitted to T90 or T100)

| Ref. No. | Part No. | Description | Quantity |
|----------|----------|--|----------|
| 9 | T2534 | MAINSHAFT HIGH GEAR (23T) | 1 |
| 11 | T2277 | MAINSHAFT c/w THIRD AND LOW GEAR (15/24T) ... | 1 |
| 13 | T1837 | Mainshaft second gear (20T) | 1 |
| 15 | T1960 | Layshaft c/w second and high gear (14/24T) ... | 1 |
| 16 | T1839 | Layshaft third gear (20T) | 1 |
| 17 | T1961 | LAYSHAFT LOW GEAR (29T) | 1 |

CLOSE RATIO GEARS

(Can be fitted to T90 or T100)

| Ref. No. | Part No. | Description | Quantity |
|----------|----------|--|----------|
| 9 | T2532 | MAINSHAFT HIGH GEAR (20T) | 1 |
| 11 | T2276 | MAINSHAFT c/w THIRD AND LOW GEAR (16/22T) ... | 1 |
| 13 | T1832 | Mainshaft second gear (20T) | 1 |
| 15 | T1972 | Layshaft c/w second and high gear (17/23T) ... | 1 |
| 16 | T1842 | Layshaft third gear (21T) | 1 |
| 17 | T1950 | LAYSHAFT LOW GEAR (27T) | 1 |



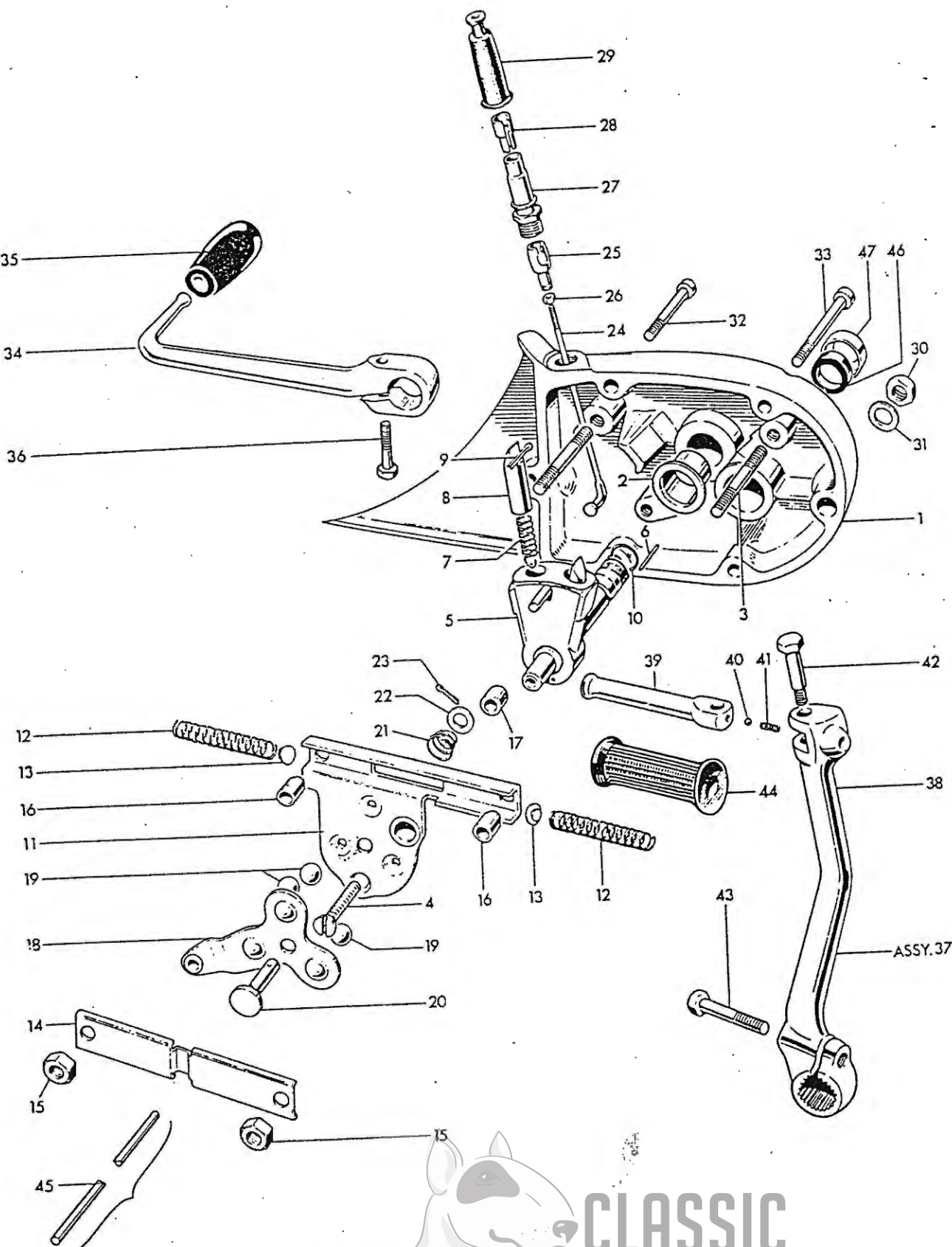


Fig. 10. GEARBOX OUTER COVER AND LEVERS

CLASSIC
BIKE SPARES

GEARBOX OUTER COVER AND LEVERS

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-----------------------------------|---|-------------|------------|
| 1 | 15.76 T1870 | GEARBOX OUTER COVER | 1 | |
| 2 | .88 T1395 | Gearchange spindle bush... | 1 | |
| 3 | .18 T1944 | Stud (1 $\frac{3}{16}$ in. O.A.) | 2 | |
| 4 | .10 T1875 | Screw ($\frac{7}{8}$ in. O.A.) | 1 | |
| 5 | 9.64 T1942 | GEARCHANGE QUADRANT | 1 | |
| 6 | .06 T1474 | Spring retaining pin | 2 | |
| 7 | .12 T1436 | Plunger spring | 2 | |
| 8 | .70 T1396 | Selector plunger | 2 | |
| 9 | 10PK 5/64 in. x $\frac{1}{2}$ in. | Split pin ... C.P. 5/64 x $\frac{3}{4}$ | 2 | |
| 10 | .18 E3309 | Sealing ring | 1 | |
| 11 | 1.76 T1871 | Return spring housing | 1 | |
| 12 | .10 T1877 | Return spring | 2 | |
| 13 | .18 T1878 | Thrust button | 2 | |
| 14 | .28 T1977 | Cover | 1 | |
| 15 | .10 W103 | Nut | 3 | |
| 16 | .18 T1876 | Distance piece | 2 | |
| 17 | .18 T1874 | Distance piece | 1 | |
| 18 | .80 T1880 | Clutch lever | 1 | |
| 19 | .10 T1771 | Ball, $\frac{3}{8}$ in. diam. | 3 | |
| 20 | .28 T1710 | Shaft | 1 | |
| 21 | .18 T1712 | Spring | 1 | |
| 22 | .04 GS127 | Plain washer | 1 | |
| 23 | 10PK 5/64 in. x $\frac{1}{2}$ in. | Split pin ... C.P. 5/64 x $\frac{1}{2}$ | 1 | |
| 24 | .12 T1945 | Spoke | 1 | |
| 25 | .54 T1946 | Connector | 1 | |
| 26 | .18 T1937 | Nut | 1 | |
| 27 | .70 T1644 | Abutment | 1 | |
| 28 | .28 T2062 | Adaptor, short | As required | |
| 28 | .28 T2063 | Adaptor, long (For cable with short outer cover)... | As required | |
| 29 | .28 T1646 | Rubber cover | 1 | |
| 30 | .10 S1-51 | Nut | 2 | |
| 31 | .06 S25-3 | Plain washer | 2 | |
| 32 | .10 T1401 | Screw (2 $\frac{3}{8}$ in. U.H.) | 2 | |
| 33 | .18 T1402 | Screw (2 $\frac{5}{8}$ in. U.H.) | 2 | |
| 34 | 4.90 T1435 | Gearchange lever | 1 | |
| 35 | .18 T2450 | Pedal rubber | 1 | |
| 36 | .28 W932 | Bolt (1 in. U.H.) | 1 | |
| 37 | 16.80 T2335 | KICKSTARTER LEVER COMPLETE... | 1 | |
| 38 | 14.36 T2329 | Kickstarter crank | 1 | |
| 39 | 2.34 T1272 | Kickstarter pedal | 1 | |
| 40 | .04 S70-3 | Steel ball ($\frac{1}{4}$ in. diam.) | 1 | |
| 41 | .10 T1167 | Index spring | 1 | |
| 42 | .54 T4273 S541 | Pivot bolt | 1 | |
| 43 | .28 T4439 S644 | Clamp bolt (1 $\frac{3}{16}$ in. U.H.) | 1 | |
| 44 | .28 T2330 | Pedal rubber | 1 | |
| 45 | 1.06 T1970 | Clutch operating rod | 1 | T90, T100S |
| 46 | .36 T2239 | Oil seal | 1 | |
| 47 | .18 T2238 | Oil seal cover | 1 | |



CLUTCH ASSEMBLY No 1

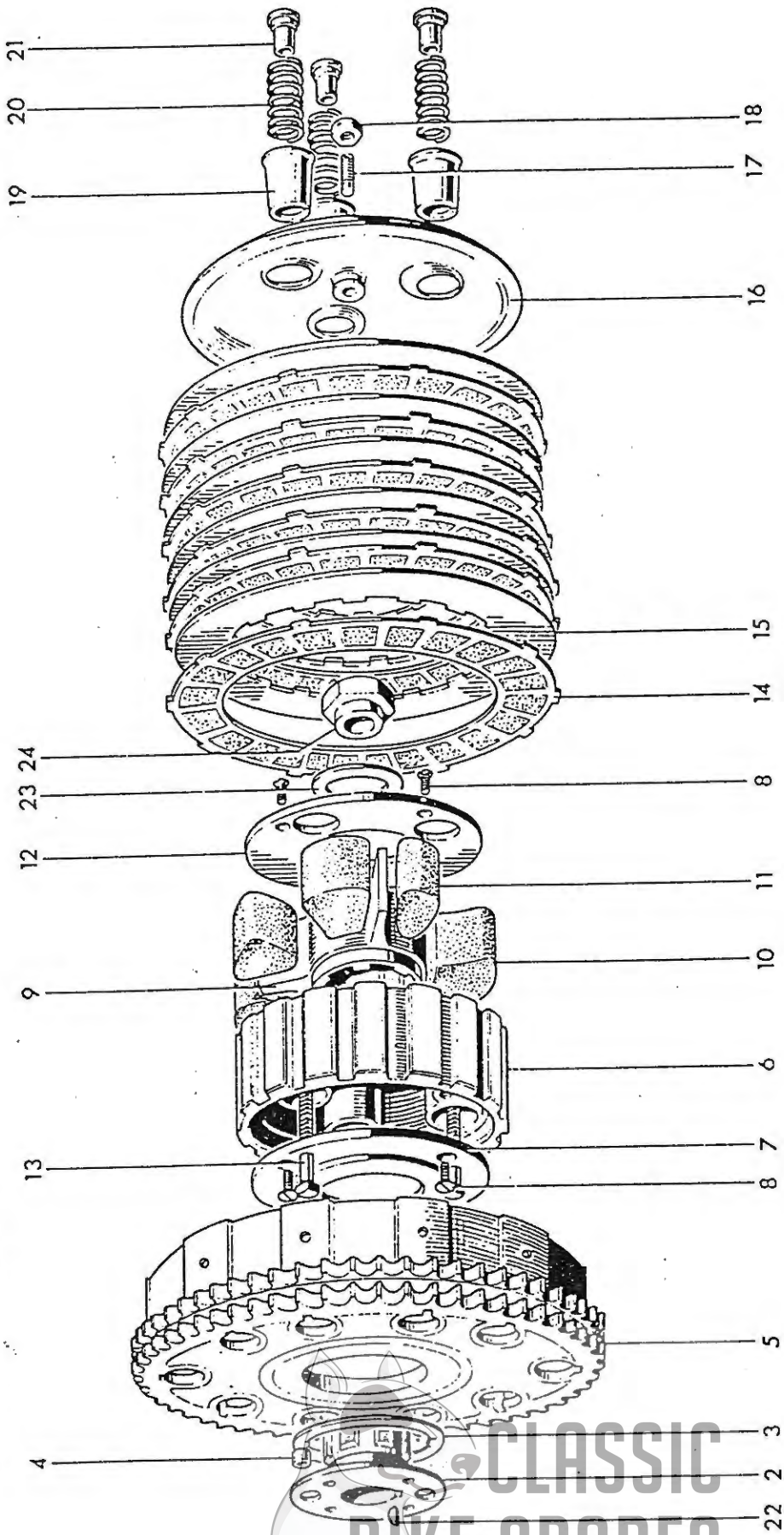


Fig. 11. CLUTCH

CLASSIC
BIKE SPARES

CLUTCH

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----|------------------------------|--------------------------------|---|----------|---------|
| 1 | 82.26 | T1935 | CLUTCH COMPLETE | 1 | |
| 2 | 6.30 | T1751 | Hub | 1 | |
| 3 | .44 | T1735 | Thrust washer | 1 | |
| 4 | .10 | T394 | Roller | 20 | |
| 5 | 17.50 | T1570 | Sprocket and housing | 1 | |
| 6 | 7.70 | T1719 | Centre (Shock absorber body) | 1 | |
| 7 | 3.86 | T1720 | Inner plate | 1 | |
| 8 | .10 | T1040 | Countersunk screw (0.417 in. U.H.) | 6 | |
| 9 | 10.50 | T2538 | Shock absorber spider | 1 | |
| 10 | .28 | T1722 | Drive rubber (large) | 3 | |
| 11 | .28 | T1723 | Rebound rubber (small) | 3 | |
| 12 | 2.28 | T1724 | Outer plate | 1 | |
| 13 | .12 | T423A | Screwed pin (1 $\frac{1}{32}$ in. U.H.) | 3 | |
| 14 | 3.16 | T1362 | Driving plate (bonded) | 5 | |
| 15 | 1.94 | T1363 | Driven plate (plain) | 5 | |
| 16 | 2.28 | T2156 | Pressure plate | 1 | |
| 17 | .18 | T2159 | Adjuster pin | 1 | |
| 18 | .10 | 44-0403 44-0403-000 | Nut ... 1.4 - Δ 403/001 | 1 | |
| 19 | .28 | T1931 | Spring cup | 3 | |
| 20 | .18 | T1560 | Spring | 3 | |
| 21 | .36 | T2526 | Nut | 3 | |
| 22 | .18 | S66-1 | Key | 1 | |
| 23 | .28 | T2279 | Washer | 1 | |
| 24 | .44 | S586 | Nut | 1 | |



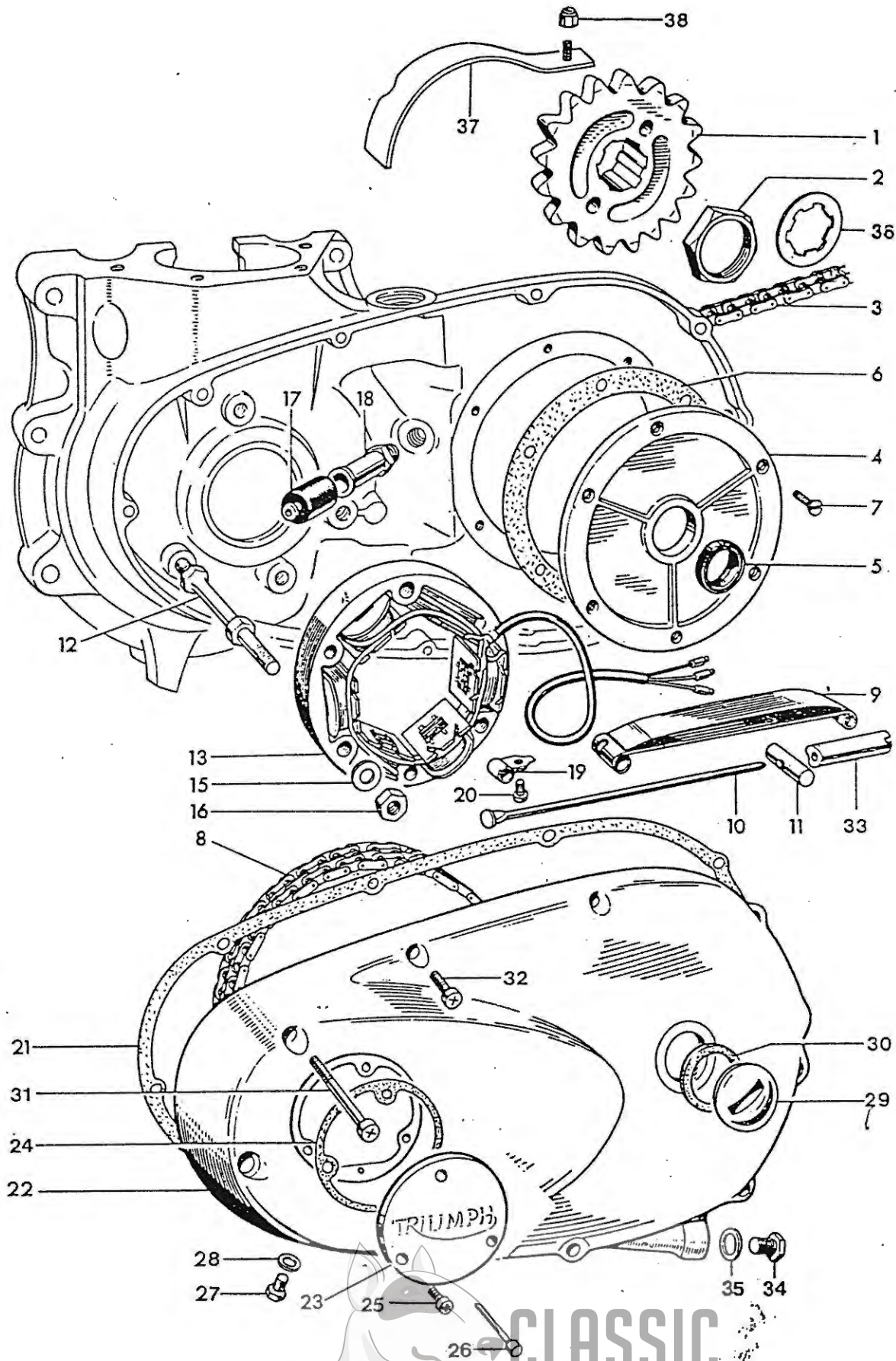


Fig. 12. CHAINCASE AND CHAINS

CLASSIC
BIKE SPARES

CHAINCASE AND CHAINS

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-------------------|--|----------|----------------------------|
| 1 | 7.00 T1558 | Gearbox sprocket (17 teeth) ... | 1 | T90 |
| 1 | 7.00 T1476/15 | Gearbox sprocket (18 teeth) ... | 1 | T100S, T100C, T100T, T100R |
| 1 | 7.00 T1476/19 | Gearbox sprocket (19 teeth) ... | 1 | Available |
| 1 | 7.00 T1569 | Gearbox sprocket (20 teeth) ... | 1 | Available |
| 2 | .88 T2536 | Gearbox sprocket nut | 1 | |
| 3 | 14.97B D444 RE | Rear chain, $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 102L | 1 | T100C, T100R |
| 3 | 15.12B D481 | Rear chain, $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 103L | 1 | 1968 U.S. models |
| 4 | 3.50 E7037 | Cover plate | 1 | |
| 5 | .88 E7565 | Oil seal | 1 | |
| 6 | .10 E3832 | Joint washer | 1 | |
| 7 | .06 E3821 | Countersunk screw ($\frac{5}{16}$ in. U.H.) | 6 | |
| 8 | 7.02B D358 RE | Primary chain, $\frac{3}{8}$ in. Duplex 78L | 1 | |
| 9 | 1.58 E6283 | Chain tensioner blade | 1 | |
| 10 | .44 E4152 | Tie rod | 1 | |
| 11 | .28 E4148 | Trunnion | 1 | |
| 12 | .54 E6611 | Stud ($3\frac{5}{16}$ in. O.A.) | 3 | |
| 13 | 42.60 47162 47204 | Stator, RM 19 | 1 | Encapsulated stator |
| 14 | .04 E1612 | Serrated washer | 1 | |
| 15 | .06 S25-3 | Plain washer | 3 | |
| 16 | .18 E5324 | Nut | 3 | |
| 17 | .10 E4144 | Rubber grommet | 1 | |
| 18 | .36 E5872 | Sleeve nut | 1 | |
| 19 | .18 E1509 | Clip | 1 | |
| 20 | .12 T361 | Bolt ($\frac{1}{4}$ in. U.H.) | 1 | |
| 21 | .36 E4156 T | Joint washer | 1 | |
| 22 | 31.50 E7359 | Chaincase | 1 | |
| 23 | 5.26 T2440 | Rotor cover | 1 | |
| 24 | .22 T2442 | Joint washer | 1 | |
| 25 | .18 F4129 | Screw | 3 | |
| 26 | .10 T2537 | Ignition pointer | 1 | |
| 27 | .18 DS57 | Drain and level plug | 1 | |
| 28 | .04 E2441 | Copper washer | 2 | |
| 29 | .88 E732 | Filler plug | 1 | |
| 30 | .10 NE507 | Fibre washer | 1 | |
| 31 | .18 E3802 | Screw ($2\frac{3}{4}$ in. U.H.) | 3 | |
| 32 | .12 E3668 | Screw ($1\frac{5}{16}$ in. U.H.) | 7 | |
| 33 | .54 E4153 | Adjuster sleeve nut | 1 | |
| 34 | .18 E4154 | Drain plug | 1 | |
| 35 | .10 T1738 | Fibre washer | 1 | |
| 36 | .12 T2056 | Tab washer | 1 | |
| 37 | .98 F7571 E7571 | Crankcase protector | 1 | T100S, T100C, T100R, T100T |
| 38 | .10 14-1301/000 | Self-locking nut | 1 | |

D2014

Stroke Timing Plate



**CLASSIC
BIKE SPARES**

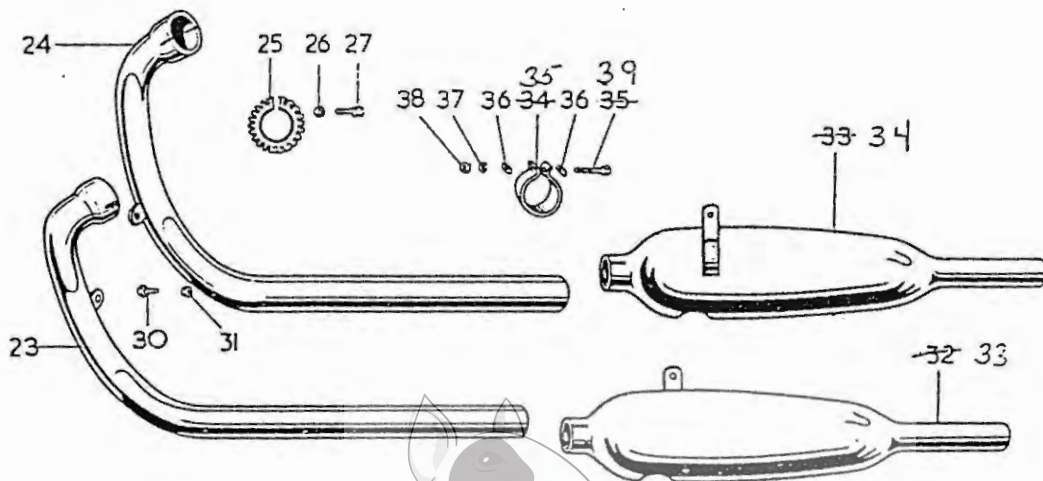
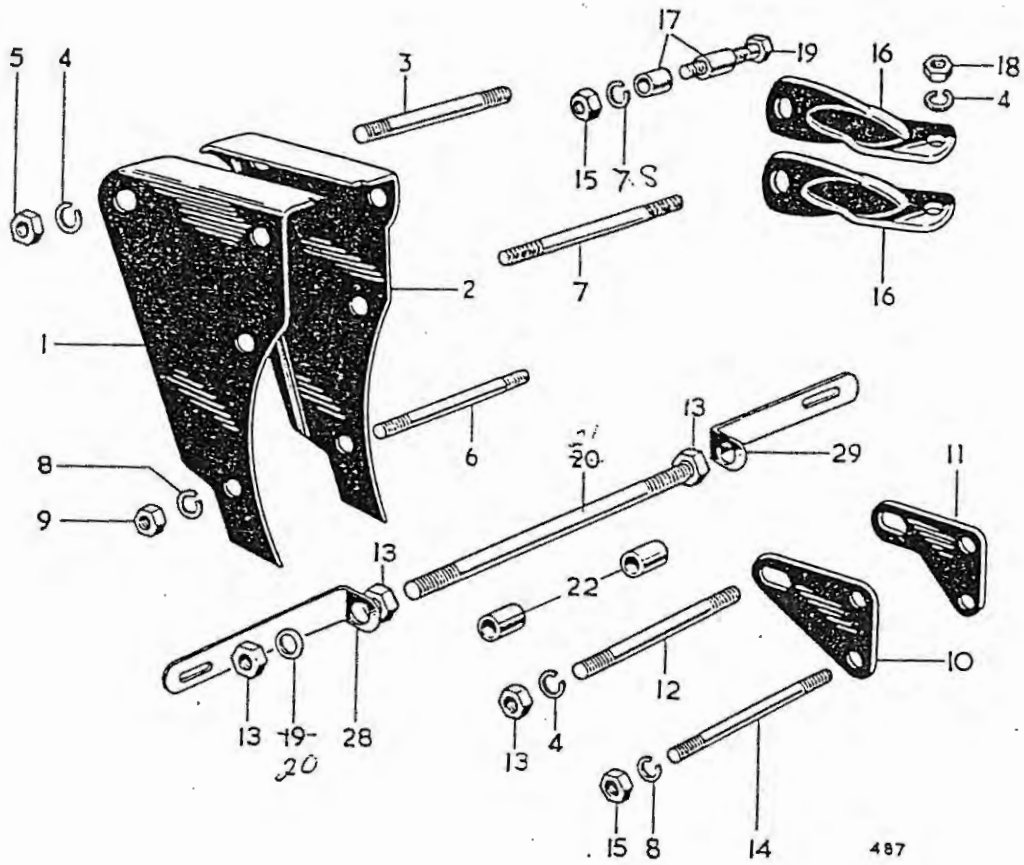


Fig. 13. ENGINE FITTINGS AND EXHAUST SYSTEM

CLASSIC
BIKE SPARES

ENGINE FITTINGS AND EXHAUST SYSTEM

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-------------------|--|----------|---------------------------|
| 1 | 2.64 F7333 | Left front engine plate... | 1 | |
| 2 | 2.64 F7334 | Right front engine plate | 1 | |
| 3 | 1.24 F9266 F 2825 | Stud (4 3/8 in. O.A.) (3 1/4 in. - O.A.) | 1 | |
| 4 | .06 S26-1 | Spring washer | 8 | |
| 5 | .10 PO172A | Nut | 2 | |
| 6 | .36 E3804 | Stud (3 in. O.A.) | 2 | (3 T100C) |
| 7 | .36 E7645 | Stud (5/8 in. O.A.) (4 in. - O.A.) | 1 | (Not T100C) |
| 8 | .06 S26-3 | Spring washer | 8 | (6 T100C) |
| 9 | .10 S1-51 | Nut | 8 | (6 T100C) |
| 10 | 1.06 F4229 | Left rear engine plate | 1 | |
| 11 | 1.06 F4230 | Right rear engine plate | 1 | |
| 12 | .36 F3665 | Stud (4 1/4 in. O.A.) | 1 | |
| 13 | .10 PO172A | Nut | 6 | |
| 14 | .36 E3695 | Stud (4 5/8 in. O.A.) | 2 | |
| 15 | .10 S1-51 | Nut | 5 | |
| 16 | 1.76 E4778 | Torque stay | 2 | |
| 17 | .18 E7119 | Distance piece | 1 | |
| 18 | .10 S1-52 | Nut | 2 | |
| 19 | .10 F5532 | Plain washer | 2 | |
| 20 | .18 E4165 | Bolt (1 1/8 in. U.H.) | 1 | |
| 21 | .54 E3812 | Stud (7 1/8 in. O.A.) | 1 | |
| 22 | .28 F4197 | Distance piece | 2 | |
| 23 | NA E7639 | Left exhaust pipe | 1 | T100S |
| 24 | NA E7640 | Right exhaust pipe | 1 | T100S |
| 23 | 22.76 E7637 | Left exhaust pipe | 1 | T90, T100R, T100T |
| 24 | 22.76 E7638 | Right exhaust pipe | 1 | T90, T100R, T100T |
| 25 | 2.46 E4947 | Finned clip | 2 | |
| 26 | .10 E410A | Hemispherical washer | 2 | |
| 27 | .44 E409 | Bolt (1 1/8 in. U.H.) | 2 | |
| 28 | .80 E7641 | Left bracket | 1 | |
| 29 | .80 E7642 | Right bracket | 1 | |
| 30 | .18 E6179 | Bolt (5/8 in. U.H.) | 2 | |
| 31 | .10 E7471 | Self-lock nut | 2 | |
| 32 | 26.26 E3935 | Left silencer | 1 | Not fitted to U.S. models |
| 33 | 28.00 E4157 | Left muffler | 1 | T100R |
| 34 | 26.26 E3936 | Right silencer | 1 | Not fitted to U.S. models |
| 34 | 28.00 E4158 | Right muffler | 1 | T100R |
| 35 | 1.06 E2271 | Clip | 2 | |
| 35 | .28 F3430 | Bolt (1 3/4 in. U.H.) | 2 | |
| 36 | .12 E3768 | "D" washer | 4 | |
| 37 | .06 S26-3 | Spring washer | 2 | |
| 38 | .18 E1310 | Nut | 2 | |

CD489C

bag for E4157 and E4158 muffler



CLASSIC
BIKE SPARES

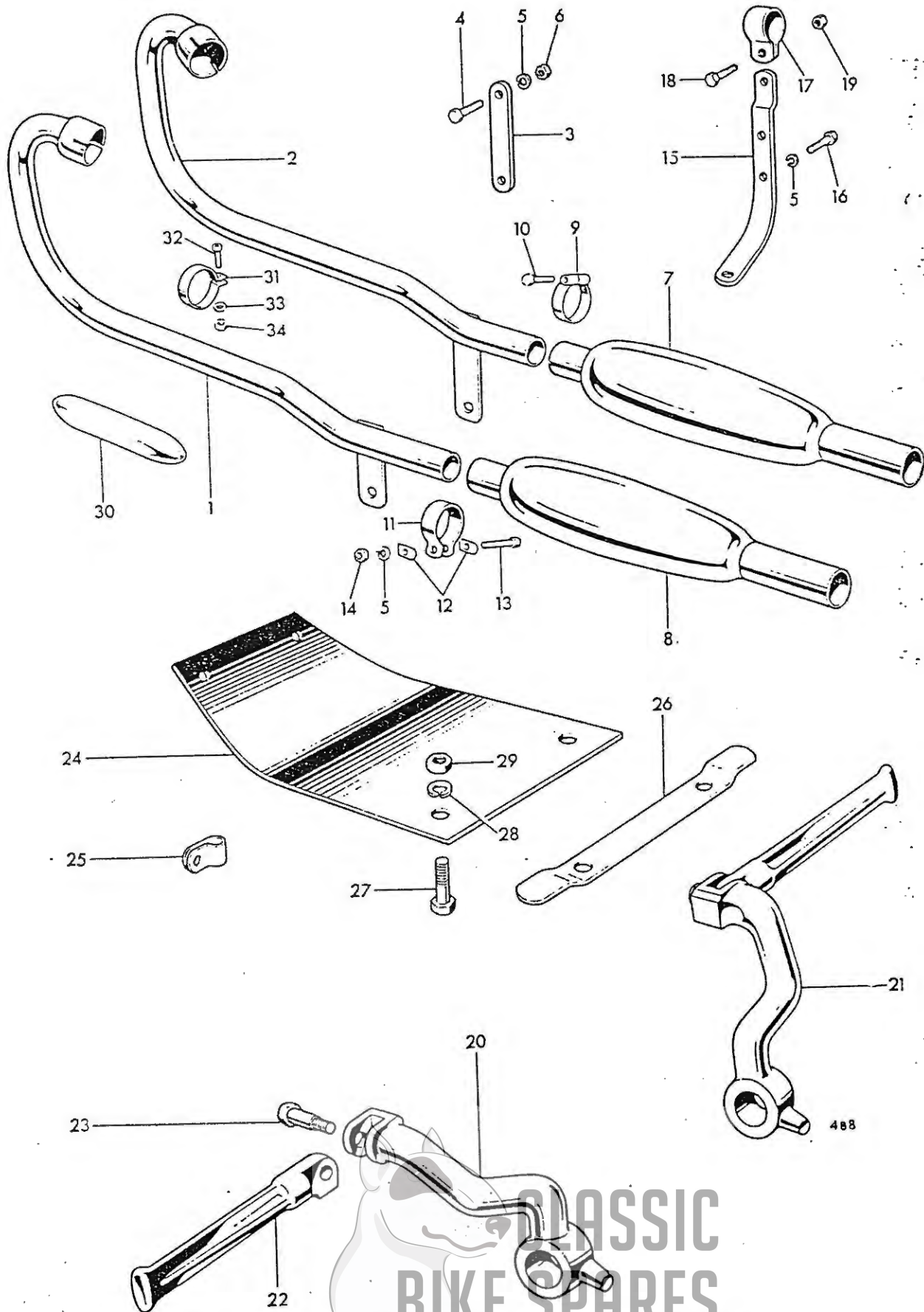


Fig. 14. EXHAUST PIPES, UNDERSHIELD AND FOOTPEGS (T100C)

EXHAUST PIPES, UNDERSHIELD AND FOOTPEG (T100C)

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY |
|----|------------------------|-------------|--|----------|
| 1 | 22.76 | E7020 | Left (lower) exhaust pipe | 1 |
| 2 | 22.76 | E7022 | Right (upper) exhaust pipe | 1 |
| 3 | .44 | E6981 | Stay | 1 |
| 4 | .12 | 14-0114/001 | Bolt | 1 |
| 5 | .06 | S26-3 | Spring washer | 4 |
| 6 | .18 | 45105/007-2 | Self-locking nut <i>14-07.02/001...</i> | 1 |
| 7 | 28.00 | E6974 | Upper muffler | 1 |
| 8 | 28.00 | E6975 | Lower muffler | 1 |
| 9 | 3.86 | E7299 | Silencer clip | 1 |
| 10 | .12 | 14-0116/001 | Bolt | 1 |
| 11 | 1.06 | E5874 | Silencer clip | 1 |
| 12 | .12 | E3768 | "D" washer | 2 |
| 13 | .28 | F3430 | Bolt (1 1/2 in. U.H.) | 1 |
| 14 | .18 | E1310 | Nut | 1 |
| 15 | .88 | E8723 | Bracket | 1 |
| 16 | .18 | H590 | Bolt (9/16 in. U.H.) | 2 |
| 17 | .54 | F7550 | Clip | 1 |
| 18 | .18 | F2335 | Bolt (1 1/8 in. U.H.) | 1 |
| 19 | .10 | S1-51 | Nut | 1 |
| 20 | 10.50 | F7018 | LEFT FOLDING FOOTPEG | 1 |
| 21 | 10.50 | F7019 | RIGHT FOLDING FOOTPEG | 1 |
| 22 | 2.98 | F6411 | Pedal | 2 |
| 23 | .18 | F6655 | Pivot bolt | 2 |
| 24 | 4.90 | F7390 | Undershield | 1 |
| 25 | .36 | F1700 | Clip, undershield | 2 |
| 26 | .62 | F3078 | Bracket | 1 |
| 27 | .12 | F1369 | Bolt (5/8 in. U.H.) | 4 |
| 28 | .06 | S26-2 | Washer | 4 |
| 29 | .06 | F879 | Nut | 4 |
| 30 | 4.38 | E4204 | Exhaust pipe guard | 2 |
| 31 | 1.06 | E4207 | Clip | 4 |
| 32 | .06 | F4715 | Screw (1 1/2 in. U.H.) | 4 |
| 33 | .06 | E2351 | Washer | 4 |
| 34 | .28 | E3799 | Nut | 4 |

CD489A

NF704

*Waffle for E 6974 and E 6975 mufflers.
pedal rubbers for F 7018 and F 7019
footpeg.*



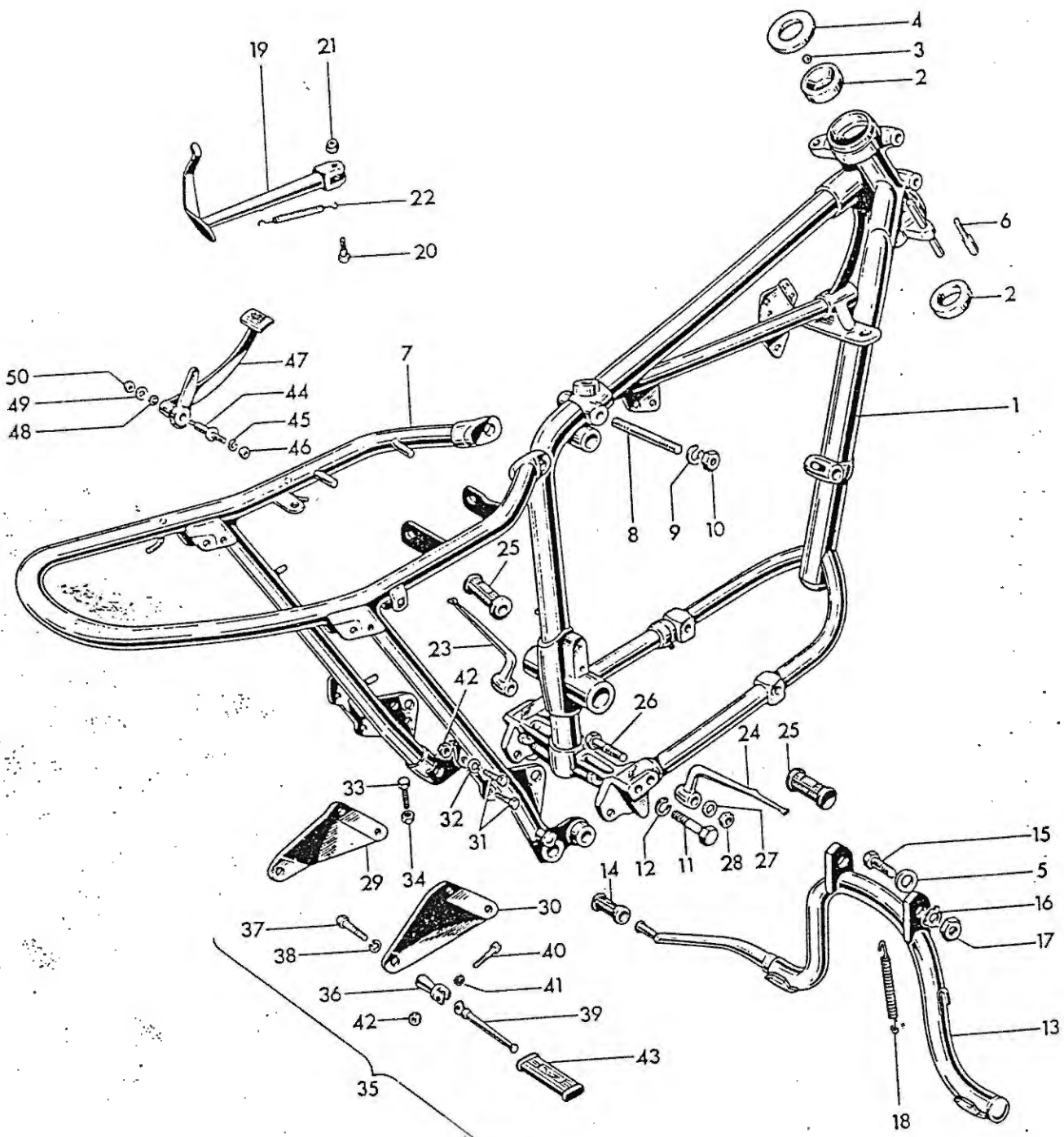
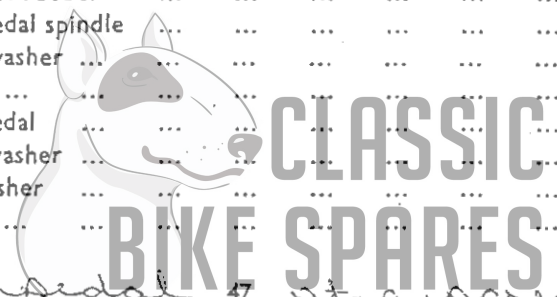


Fig. 15. FRAME

CLASSIC
BIKE SPARES

FRAME

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------------------------|--|----------|--------------|
| 1 | 126.00 F7312 | Front frame | 1 | |
| 2 | 1.76 H111 | Steering race cup | 2 | |
| 3 | .04 S70-3 | Steel ball ($\frac{1}{4}$ in. dia.) | 40 | |
| 4 | 2.28 H1018 | Top cone and dust cover | 1 | |
| 5 | .10 F5679 | Washer | 2 | |
| 6 | .18 F7155 | Steering stops | 2 | |
| 7 | 96.26 F8038 | Rear frame | 1 | |
| 8 | .28 F2842 | Stud ($3\frac{7}{8}$ in. O.A.) | 1 | |
| 9 | .06 S26-1 | Spring washer | 2 | |
| 10 | .10 S1-52 | Nut | 2 | |
| 11 | .28 S583 | Bolt | 2 | |
| 12 | .06 PCW73A | Spring washer | 2 | |
| 13 | 24.50 F7693 | Centre stand | 1 | T100R |
| 13 | NA F7692 | Centre stand <i>not fitted to U.S. models</i> | 1 | |
| 14 | .28 F449 T 2331 | Pedal rubber | 1 | |
| 15 | .18 F5678 | Pivot bolt | 2 | |
| 16 | .06 F4484 | Tab washer | 2 | |
| 17 | .12 F2725 | Nut | 2 | |
| 18 | .70 F3617 | Return spring | 1 | |
| 19 | 7.88 F7373 | Prop stand <i>not fitted to U.S. models</i> | 1 | |
| 19 | 7.88 F7356 | Prop stand | 1 | T100C, T100R |
| 20 | .54 F7021 | Pivot bolt | 1 | |
| 21 | .18 14-0703/001 | Self-locking nut | 1 | |
| 22 | .80 F2610 | Return spring | 1 | |
| 23 | 4.38 F4214 | Left footrest | 1 | |
| 24 | 4.38 F4215 | Right footrest | 1 | |
| 25 | .98 NF704 | Pedal rubber | 2 | |
| 26 | .36 F4369 | Bolt ($2\frac{1}{16}$ in. U.H.) | 2 | |
| 27 | .06 F4370 | Plain washer | 2 | |
| 28 | .18 DS47 | Nut | 2 | |
| 29 | 2.10 F5087 | Left pillion footrest support | 1 | |
| 30 | 2.10 F5088 | Right pillion footrest support | 1 | |
| 31 | .18 DS58 | Bolt ($\frac{3}{8}$ in. U.H.) | 4 | |
| 32 | .06 S26-3 | Spring washer | 4 | |
| 33 | .70 F7705 | Pedal stop screw | 1 | |
| 34 | .10 14-0302/001 | Nut | 2 | |
| 35 | 4.90 F5552 | PILLION FOOTREST | 2 | |
| 36 | 1.58 F2268 | Footrest hanger | 2 | |
| 37 | .18 F5535 | Bolt ($\frac{1}{8}$ in. U.H.) | 2 | |
| 38 | .06 S26-1 | Spring washer | 2 | |
| 39 | 1.58 F1694 | Pedal | 2 | |
| 40 | .28 F2271 | Pivot bolt | 2 | |
| 41 | .10 F2277 | Spring washer | 2 | |
| 42 | .10 S1-51 | Nut | 6 | |
| 43 | .70 F1695 | Pedal rubber | 2 | |
| 44 | 1.06 F7706 | Brake pedal spindle | 1 | |
| 45 | .10 SCZ45 | Spring washer | 1 | |
| 46 | .18 14-0405/001 | Nut | 1 | |
| 47 | 10.50 F7703 | Brake pedal | 1 | |
| 48 | .06 S26-16 | Spring washer | 1 | |
| 49 | .06 S25-2 | Plain washer | 1 | |
| 50 | .18 14-0403/001 | Nut | 1 | |



**CLASSIC
BIKE SPARES**

Rear brake pedal 47 stop screw + nut shown here - reference numbers 33 and 34.

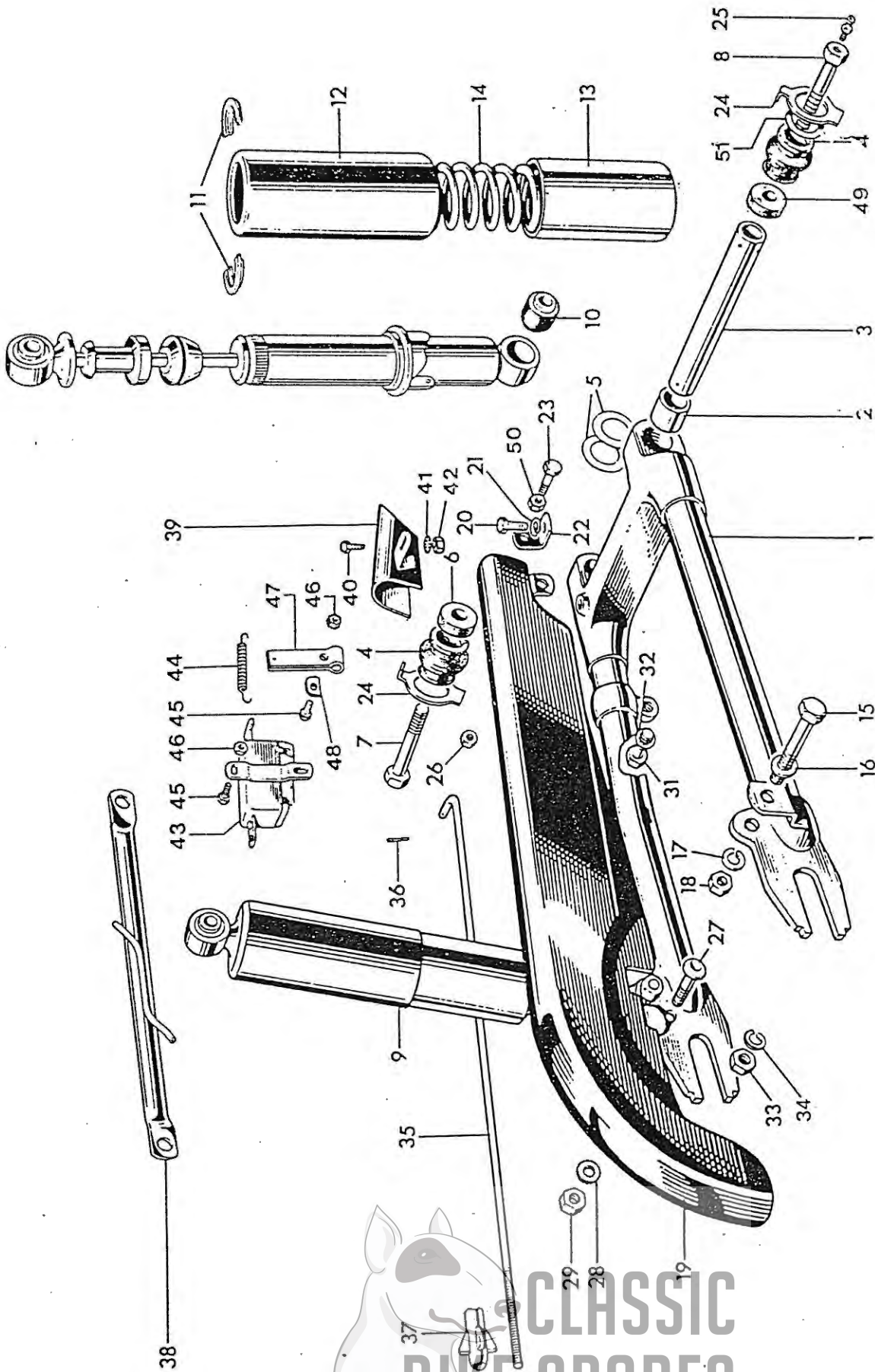


Fig. 16. SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD

CLASSIC
BIKE SPARES

| Ref No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|---|--|--|-------------|-------------------|
| SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD | | | | |
| 1 | 38.50 F7375 | SWINGING FORK | 1 | |
| 2 | 1.06 F4076 | Pivot bush | 2 | |
| 3 | 5.96 F7342 | Spindle | 1 | |
| 4 | .54 F7270 | Gaiter | 2 | |
| 5 | .10 F4385 | Shim 0.003 in. | as required | |
| 5 | .10 F4386 | Shim 0.005 in. | as required | |
| 6 | .36 F7344 | Left distance piece | 1 | |
| 7 | .98 S579 | Left bolt | 1 | |
| 8 | .80 S580 | Right bolt | 1 | |
| 9 | 18.50 640545706 | SUSPENSION UNIT <i>Not fitted in U.S. models</i> | 2 | T90, T100S, T100T |
| 9 | 18.50 64054164 | SUSPENSION UNIT | 2 | T100C, T100R |
| 10 | .75 9054/316A | Bonded bush | 4 | |
| 11 | .40 9054/171 | Spring retainer | 4 | |
| 12 | 2.85 9054/151 | Outer dirt shield | 2 | |
| 13 | 2.95 9054/47 | Inner dirt shield | 2 | |
| 14 | NA 64539963 | Spring, 130 lbs. Red/Orange <i>Spring is not fitted in standard</i> | 2 | |
| 14 | 3.05 9054/277 | Spring, 110 lbs. Red/Red | as required | |
| 14 | 2.75 SA253/5 | Spring, 145 lbs. Blue/Yellow | as required | |
| 15 | .44 E2113 | Unit fixing bolt (1 $\frac{5}{16}$ in. U.H.) | 4 | |
| 16 | .06 F2184 | Plain washer | 2 | |
| 17 | .06 S26-1 | Spring washer | 2 | |
| 18 | .10 PO172A | Nut | 2 | |
| 19 | 11.38 F7707 | Chainguard | 1 | |
| 20 | .18 DS57 | Bolt ($\frac{7}{16}$ in. U.H.) | 1 | |
| 21 | .06 S26-2 | Spring washer | 1 | |
| 22 | .18 F4134 | Front bracket | 1 | |
| 23 | .18 H590 | Bolt ($\frac{9}{16}$ in. U.H.) | 1 | |
| 24 | .18 F7343 | Tab washer | 2 | |
| 25 | .28 NW10C | Lubricator | 1 | |
| 26 | .18 W1691 | Self-locking nut | 1 | |
| 27 | .18 F4136 | Stepped bolt | 1 | |
| 28 | .06 S25-3 | Plain washer | 1 | |
| 29 | .10 S1-51 | Nut | 1 | |
| 30 | .10PK $\frac{3}{32}$ in. x $\frac{7}{8}$ in. | Split pin ... <i>CP 3/32 X 1</i> | 1 | |
| 31 | .18 S581 | Bolt | 1 | |
| 32 | .06 E2288 | Serrated washer | 1 | |
| 33 | .18 DS47 | Nut | 1 | |
| 34 | .06 PCW73A | Spring washer | 1 | |
| 35 | .80 F7386 | Brake operating rod | 1 | |
| 36 | .10PK $\frac{1}{16}$ in. x $\frac{1}{2}$ in. | Split pin ... <i>CP 1/16 X 1/2</i> | 1 | |
| 37 | .62 F7387 | Adjuster nut | 1 | |
| 38 | 5.60 F7290 | Brake torque stay | 1 | |
| 39 | 1.94 F6046 | Front chainguard | 1 | |
| 40 | .18 DS57 | Bolt | 1 | |
| 41 | .04 E1612 | Serrated washer | 1 | |
| 42 | .06 F879 | Nut | 1 | |
| 43 | 1.95 31437-540332 | Stop lamp switch, type 22 B | 1 | |
| 44 | .25 315738 | Spring | 1 | |
| 45 | .10 T1076 | Bolt ($\frac{3}{8}$ in. U.H.) | 3 | |
| 46 | .18 F4717 | Self-locking nut | 5 | |
| 47 | 1.06 F5142 | Lever | 1 | |
| 48 | .12 F5413 | "D" washer | 1 | |
| 49 | .36 F7774 | Right distance piece | 1 | |
| 50 | .18 W1691 | Nut | 1 | |
| 51 | .28 F4078 | Thrust washer | 1 | |

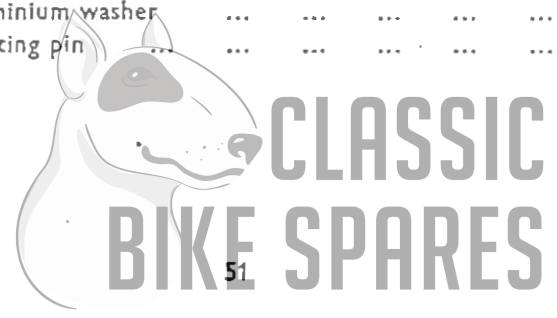


64054164 suspension unit is supplied with 9054/280 spring, 160 lbs. max. spring

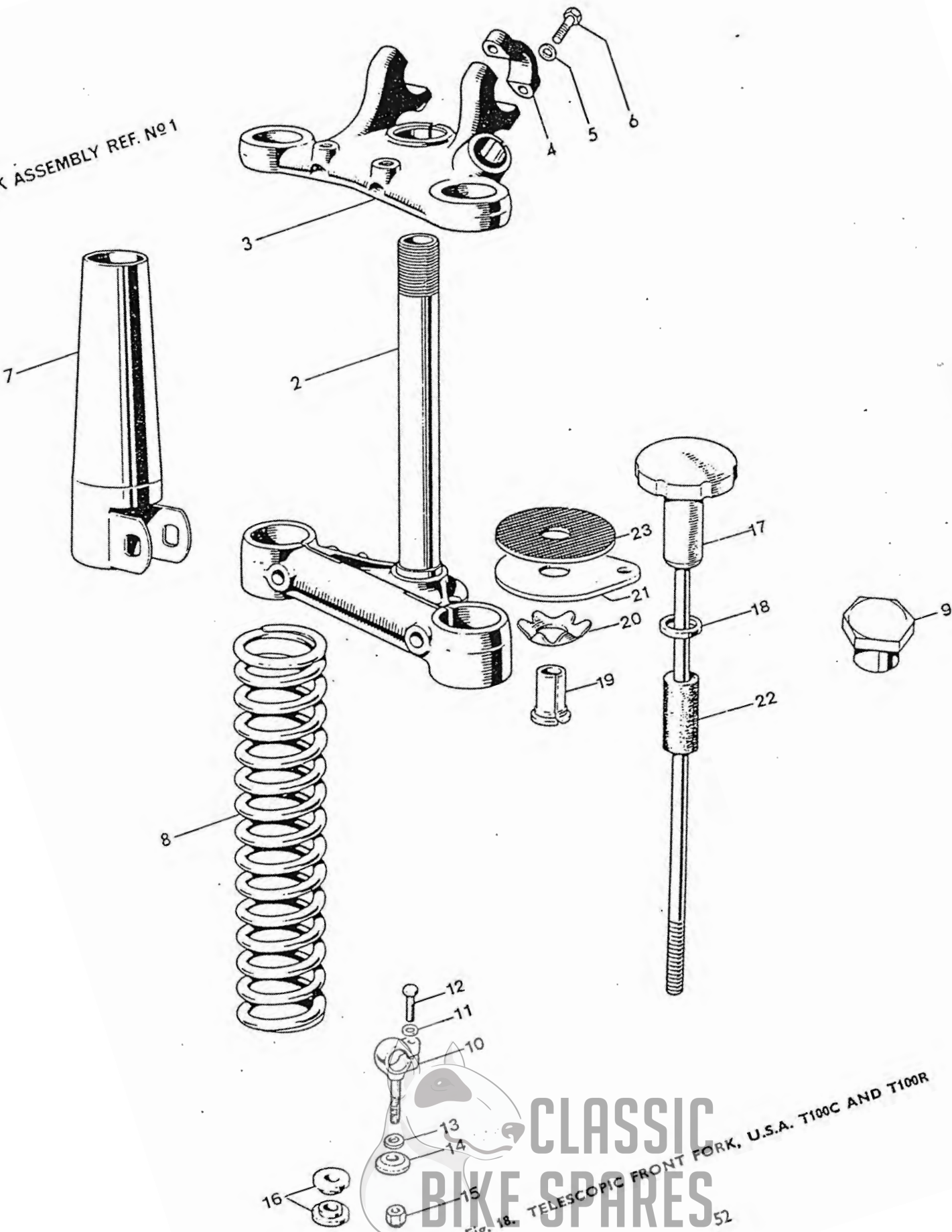
64054465 Damper unit for 64054164 suspension

TELESCOPIC FRONT FORK T90, T100S, T100T

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|----------------|--------------------------------|----------|---------------------------------------|
| 1 | 128.00C H2283- | FORK ASSEMBLY | 1 | <i>Not fitted to US models</i> |
| 2 | 24.50 H2278 | Middle lug and stem | 1 | <i>Not fitted to 1968 U.S. models</i> |
| 3 | 1.58 H439 | Bottom cone | 1 | |
| 4 | 1.06 H941 | Pinch bolt (2 1/4 in. U.H.) | 2 | |
| 5 | .06 S25-2 | Plain washer | 2 | |
| 6 | .36 E2412 | Nut | 2 | |
| 7 | 1.24 H2108 | Fork stem sleeve nut | 1 | |
| 8 | 19.26 H2100- | Top lug | 2 | <i>Not fitted to 1968 U.S. models</i> |
| 9 | 1.58 H1527- | Bonded bush | 2 | <i>Not fitted to 1968 U.S. models</i> |
| 10 | 4.90 F6738 | Lock c/w 2 keys | 1 | |
| 11 | .88 D623 | Key (state serial number) | 1 | Key no's. run from EJR 1 to EJR 50 |
| 12 | .10 S578 | Grub screw | 1 | |
| 13 | .04 H2266 | Sealing washer | 1 | |
| 14 | .28 H2083 | Gaiter clip | 4 | |
| 15 | .44 F1760 | Pinch bolt (1 1/8 in. U.H.) | 1 | |
| 16 | .28 H379 | Seated nut | 1 | |
| 17 | 12.26 H2161 | Left top cover | 1 | |
| 18 | 11.90 H2162 | Right top cover | 1 | |
| 19 | .18 F4047 | Cork washer | 2 | |
| 20 | 1.40 H1657 | Spring abutment | 2 | |
| 21 | 2.10 H1894 | Solo main spring (Yellow/Blue) | 2 | <i>Not fitted to 1968 U.S. models</i> |
| 22 | .18 H1656 | Plain washer | 2 | |
| 23 | 2.10 H1645 | Telescopic gaiter | 2 | |
| 24 | 7.70 H1654 | DUST EXCLUDER SLEEVE NUT | 2 | |
| 25 | 1.40 H1500 | Oil seal | 2 | |
| 26 | .18 H2119 | "O" ring | 2 | |
| 27 | .12 H431 | Plain washer | 2 | |
| 28 | 1.40 H441 | Top bearing | 2 | |
| 29 | 1.94 H1896 | Damping sleeve | 2 | |
| 30 | 21.88 H2092 | STANCHION | 2 | |
| 31 | 1.06 H443 | Lower bearing | 2 | |
| 32 | .98 H2091 | Bearing nut | 2 | |
| 33 | 3.50 H2245 | Cap nut | 2 | |
| 34 | 18.38 H1842 | LEFT BOTTOM MEMBER c/w CAP | 1 | |
| 35 | 19.26 H1843 | RIGHT BOTTOM MEMBER c/w CAP | 1 | |
| 36 | 1.76 H1844 | Spindle cap | 2 | |
| 37 | .06 S26-3 | Spring washer | 4 | |
| 38 | .28 H1070 | Cap bolt (1 7/8 in. U.H.) | 4 | |
| 39 | .10 H519 | Drain plug | 2 | |
| 40 | .04 H430 | Fibre washer | 2 | |
| 41 | 5.26 H2154 | Shuttle valve | 2 | |
| 42 | .10 H2127 | Circlip | 2 | |
| 43 | .44 H2090 | Restrictor | 2 | |
| 44 | .80 H2126 | Flanged bolt | 2 | |
| 45 | .06 H1062 | Aluminium washer | 2 | |
| 46 | .18 H2107 | Locating pin | 1 | |



FRONT FORK ASSEMBLY REF. No 1



CLASSIC
BIKE SPARES

Fig. 18. TELESCOPIC FRONT FORK, U.S.A. T100C AND T100R

TELESCOPIC FRONT FORK, U.S.A. T100C AND T100R

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|---|------------------------|----------|-------------------------------------|----------|---------------------------------|
| 1 | 128.00C | H2305 | FORK ASSEMBLY | 1 | T100R |
| 1 | 128.00C | H2284 | FORK ASSEMBLY | 1 | T100C |
| 2 | 24.50 | H2280 | Middle lug and stem | 1 | |
| 3 | 33.78 | H2101 | Top lug | 1 | |
| 4 | 1.06 | H722 | Cap | 2 | |
| 5 | .06 | S25-3 | Plain washer | 4 | |
| 6 | .18 | S589 | Bolt (1½ in. U.H.) | 4 | |
| 7 | 5.60 | H1696 | Top cover | | As required if headlamp removed |
| 8 | 2.46 | H1892 | Main spring (yellow green) | 2 | |
| 9 | 3.16 | H2263 | Fork stem sleeve nut (blind) | 1 | T100R only |

All other parts are as listed on Page 51

HANDLEBAR MOUNTINGS

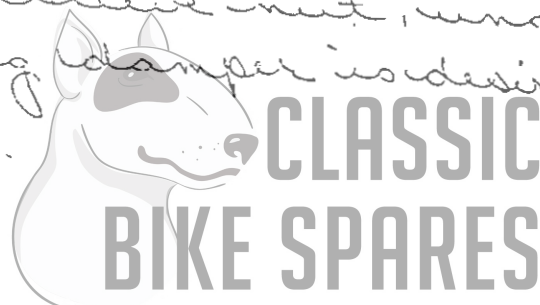
| | | | | | |
|----|------|-------|--|---|---------------------|
| 10 | 3.86 | H1523 | Handlebar eyebolt | 2 | } T90, T100S, T100T |
| 11 | .10 | F1335 | Plain washer | 2 | |
| 12 | .18 | H1340 | Bolt (1½ in. U.H.) | 2 | |
| 13 | .10 | H1708 | Plain washer | 2 | |
| 14 | .12 | H1529 | Hemispherical washer | 2 | |
| 15 | .18 | F3955 | Self-locking nut | 2 | |
| 16 | .36 | H1616 | Solid bush (for handlebar-mounted windscreen) | | As required |

Delete: Rubber-mounted handlebars not fitted to 1968 U.S. models.

STEERING DAMPER (NOT T100R)

| | | | | |
|----|------|-------|-------------------------------------|---|
| 17 | 3.16 | H1142 | Steering damper rod c/w knob | 1 |
| 18 | .10 | H565 | Plain washer | 1 |
| 19 | .54 | H408 | Adjuster sleeve | 1 |
| 20 | .44 | H95 | Spring plate | 1 |
| 21 | .70 | H1797 | Anchor plate | 1 |
| 22 | .18 | H1618 | Rubber sleeve | 1 |
| 23 | .88 | H435 | Friction disc | 1 |

Stems 17 - 23 available in kit form together with (1) H2107 locating pin, and (1) H2108 fork stem sleeve nut, under part number ED438, if steering damper is desired for T100R model



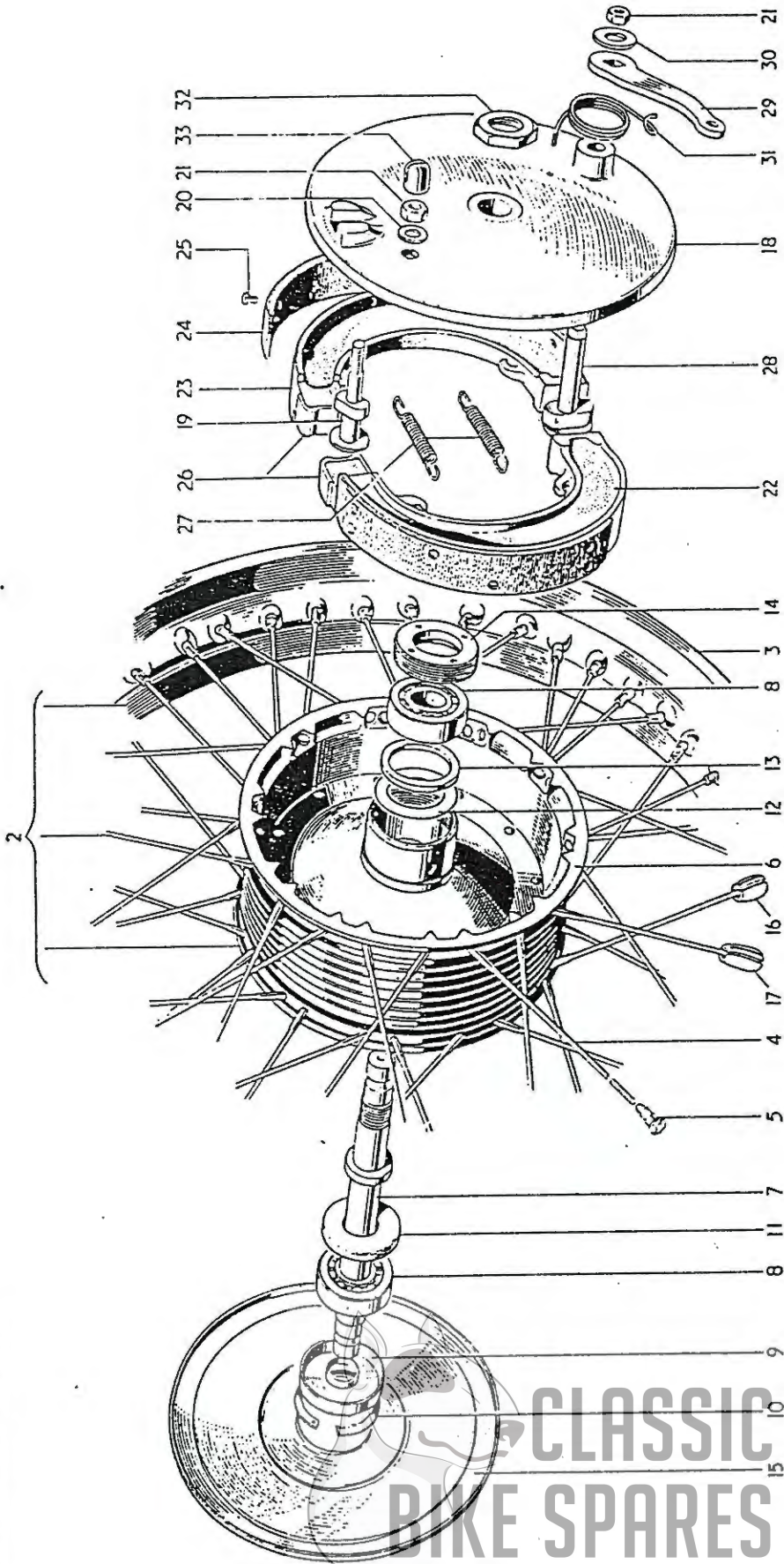


Fig. 19. FRONT WHEEL

CLASSIC BIKE SPARES

| Ref | Part No | DESCRIPTION | QUANTITY | REMARKS |
|-----|------------------------|---|-------------|------------------------------|
| | | FRONT WHEEL | | |
| 1 | 76.96C W4739 | FRONT WHEEL COMPLETE <i>Not fitted to</i> | 1 | T100T US models |
| 1 | 76.96C W1720 | FRONT WHEEL COMPLETE | 1 | T100R |
| 1 | 75.80C W1665 | FRONT WHEEL COMPLETE | 1 | T100C |
| 1 | NA W1664- | FRONT WHEEL COMPLETE <i>Not fitted to 1968</i> | 1 | T90, T100S US model |
| 2 | 63.00 W1229 | RIM SPOKES AND HUB ASSEMBLY | 1 | T100C |
| 2 | 61.26 W1729 | RIM SPOKES AND HUB ASSEMBLY <i>Not fitted to</i> | 1 | T100T |
| 2 | 66.50 W1370 | RIM SPOKES AND HUB ASSEMBLY <i>1968 US models</i> | 1 | T90, T100S |
| 2 | 61.26 W1721 | RIM SPOKES AND HUB ASSEMBLY | 1 | T100R |
| 3 | 18.38 W1230 | Front wheel rim (WM2-19) | 1 | T100R, T100C |
| 3 | NA W1373 | Front wheel rim (WM2-18) <i>Not fitted to</i> | 1 | T90, T100S |
| 3 | 18.38 W1374 | Front wheel rim (WM2-18) <i>1968 US models</i> | 1 | T100T |
| 4 | .28 W1236 | Spoke (8/10G x 6 in. straight) c/w nipple | 40 | T100C |
| 4 | .28 W1497 | Spoke (8/10G x 5 3/8 in. straight) c/w nipple | 40 | T100S, T90 <i>Not fitted</i> |
| 4 | .28 W1275 | Spoke (8/10G x 5 1/8 in. straight) c/w nipple | 20 | T100T <i>to 1968 US</i> |
| 4 | .28 W1730 | Spoke (8/10G x 4 3/8 in. 78°) c/w nipple | 10 | T100T <i>models</i> |
| 4 | .28 W1231 | Spoke (8/10G x 4 3/8 in. 100°) c/w nipple | 10 | T100T |
| 4 | .28 W1328 | Spoke (8/10G x 5 3/8 in. straight) c/w nipple | 20 | T100R |
| 4 | .28 W1708 | Spoke (8/10G x 4 1/8 in. 78°) c/w nipple | 10 | T100R |
| 4 | .28 W1709 | Spoke (8/10G x 4 1/8 in. 100°) c/w nipple | 10 | T100R |
| 5 | .10 S79-2 | Spoke nipple | 40 | T90, T100S, T100T, T100R |
| 6 | 33.26 W1231 | Hub and brake drum | 1 | T90, T100S, T100C |
| 6 | 35.00 W1722 | Hub and brake drum | 1 | T100T, T100R |
| 7 | 4.90 W1641 | Wheel spindle | 1 | |
| 8 | 4.00 W653 | Bearing | 2 | |
| 9 | .28 W1237 | Dust cover | 1 | |
| 10 | .36 T280 | Circlip | 1 | |
| 11 | .12 W1481 | Grease retainer | 1 | |
| 12 | .18 W1474 | Grease retainer (Brake side) | 1 | |
| 13 | .44 W1238 | Backing ring | 1 | |
| 14 | 1.14 W582 | Retaining ring | 1 | |
| 15 | 5.26 W1334 | Cover plate | 1 | |
| 15 | 5.26 W1332 | Cover plate | 1 | T100T, T100R |
| 16 | .44 W1197 | Balance weight, 1/2 oz. | As required | |
| 17 | .44 W1198 | Balance weight, 1 oz. | As required | |
| 18 | 17.16 W1301 | Brake anchor plate | 1 | |
| 18 | 19.26 W1330 | Brake anchor plate | 1 | T100R, T100T |
| 19 | .54 W1639 | Fulcrum pin | 1 | |
| 20 | .06 S25-2 | Plain washer | 1 | |
| 21 | .10 S1-52 | Nut | 2 | |
| 22 | 6.14 W1406 | LEADING BRAKE SHOE C/W LINING | 1 | |
| 22 | 7.88 W1732 | LEADING BRAKE SHOE C/W LINING | 1 | T100T, T100R |
| 23 | 6.14 W1407 | TRAILING BRAKE SHOE C/W LINING | 1 | |
| 23 | 7.88 W1733 | TRAILING BRAKE SHOE C/W LINING | 1 | T100T, T100R |
| 24 | NA W1243 | Brake lining <i>Not fitted to</i> | 2 | |
| 24 | NA W1734 | Brake lining <i>1968 US models</i> | 2 | T100T, T1000R |
| 25 | .06 W129 | Brass rivet | 16 | |
| 26 | .28 W1415 | Thrust pad | 2 | |
| 27 | .28 W135 | Shoe return spring | 2 | |
| 28 | 2.80 W1243 | Brake cam | 1 | |
| 29 | .54 W1331 | Brake cam lever | 1 | |
| 30 | .10 S25-6 | Plain washer | 1 | |
| 31 | .54 W592 | Lever return spring | 1 | |
| 32 | .54 W1246 | Anchor plate nut | 1 | |
| 33 | .54 W1640 | Abutment (3/16 in. deep) | | T100C, T100R |
| 33 | .70 W1711 | Abutment (1/16 in. deep) | | T90, T100S, T100T |

REAR WHEEL

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|--------------|---|----------|------------------|
| 1 | NA W1741 | REAR WHEEL COMPLETE <i>Not fitted to 1968</i> | 1 | US models |
| 1 | 76.96C W1742 | REAR WHEEL COMPLETE ... | 1 | T100R, T100C |
| 2 | NA W1470 | RIM, SPOKES AND HUB ASSEMBLY <i>Not fitted to 1968</i> | 1 | US models |
| 2 | 49.00 W1486 | RIM, SPOKES AND HUB ASSEMBLY ... | 1 | T100R, T100C |
| 3 | 18.38 W1471 | Rear wheel rim WM2-18 <i>Not fitted to 1968</i> | 1 | US models |
| 3 | 18.38 W1007 | Rear wheel rim WM3-18 ... | 1 | T100R, T100C |
| 4 | .28 W1107 | Spoke (8/10G x 7 ⁹ / ₁₆ in. 90°) c/w nipple ... | 20 | |
| 5 | .28 W1108 | Spoke (8/10G x 7 ⁷ / ₈ in. 90°) c/w nipple ... | 20 | |
| 6 | .10 S79-2 | Spoke nipple ... | 40 | |
| 7 | 17.50 W1472 | Hub ... | 1 | |
| 8 | 12.75B W1499 | Sprocket, 46T ... | 1 | |
| 9 | .36 W1500 | Bolt ... | 8 | |
| 10 | .04 E1612 | Serrated washer ... | 8 | |
| 11 | 16.64 W1498 | Brake drum ... | 1 | |
| 12 | .28 W1690 | Bolt (1 ¹ / ₈ in. U.H.) ... | 8 | |
| 13 | .18 W1691 | Self-locking nut ... | 8 | |
| 14 | 4.56 W1281 | Wheel spindle ... | 1 | |
| 15 | .18 W1474 | Grease retainer (brake side) ... | 1 | |
| 16 | .12 W1654 | Grease retainer ... | 1 | |
| 17 | .12 W1022 | Backing ring ... | 1 | |
| 18 | 4.00 W653 | Bearing ... | 2 | |
| 19 | 1.76 W1021 | RETAINING RING ... | 1 | |
| 20 | .28 W1710 | Locking screw (5/16 in. U.H.) ... | 1 | |
| 21 | .98 W1278 | Distance tube ... | 1 | |
| 22 | .54 W1024 | Distance piece ... | 1 | |
| 23 | 10.50 W1112 | Brake anchor plate ... | 1 | |
| 24 | .36 W1282 | Nut ... | 1 | |
| 25 | 6.14 W1406 | LEADING BRAKE SHOE C/W LINING ... | 1 | |
| 26 | 6.14 W1407 | TRAILING BRAKE SHOE C/W LINING ... | 1 | |
| 27 | NA NW243 | Brake lining <i>Not supplied separate - order</i> | 2 | |
| 28 | .06 W129 | Brass rivet ... | 16 | CP3-S / AM2 fit. |
| 29 | .28 W1415 | Thrust pad ... | 2 | |
| 30 | .28 W135 | Shoe return spring ... | 2 | |
| 31 | 3.16 W1083 | Brake cam ... | 1 | |
| 32 | 3.86 W2014 | Brake cam lever ... | 1 | |
| 33 | .44 W11 | Pivot pin ... | 1 | |
| 34 | .10 S25-6 | Plain washer ... | 1 | |
| 35 | .10 S1-52 | Nut ... | 1 | |
| 36 | .70 W1488 | Lever return spring ... | 1 | |
| 37 | .12 W1635 | Grease retainer ... | 1 | |
| 38 | 1.58 W1476 | Speedometer adaptor ... | 1 | |
| 39 | .36 W1477 | Distance piece ... | 1 | |
| 40 | 17.50 D373 | Speedometer gearbox ... | 1 | |
| 41 | .06 W1280 | Plain washer ... | 1 | |
| 42 | 1.94 W1134 | Chain adjuster ... | 2 | |
| 43 | .28 W1015 | Adjuster end plate ... | 2 | |
| 44 | .18 W1058 | Self-locking nut ... | 2 | |
| 45 | .44 F1747 | Spindle nut ... | 3 | |
| 46 | 2.00B D106 | Tyre security bolt WM2 <i>Not fitted to 1968</i> | 2 | US models |
| 46 | 2.00B WM3 | Tyre security bolt WM3 ... | 2 | T100R, T100C |

31/832/53000 Worm gear for D373 gearbox.
 31/333/530/1 End plug 57 for D373 gearbox.



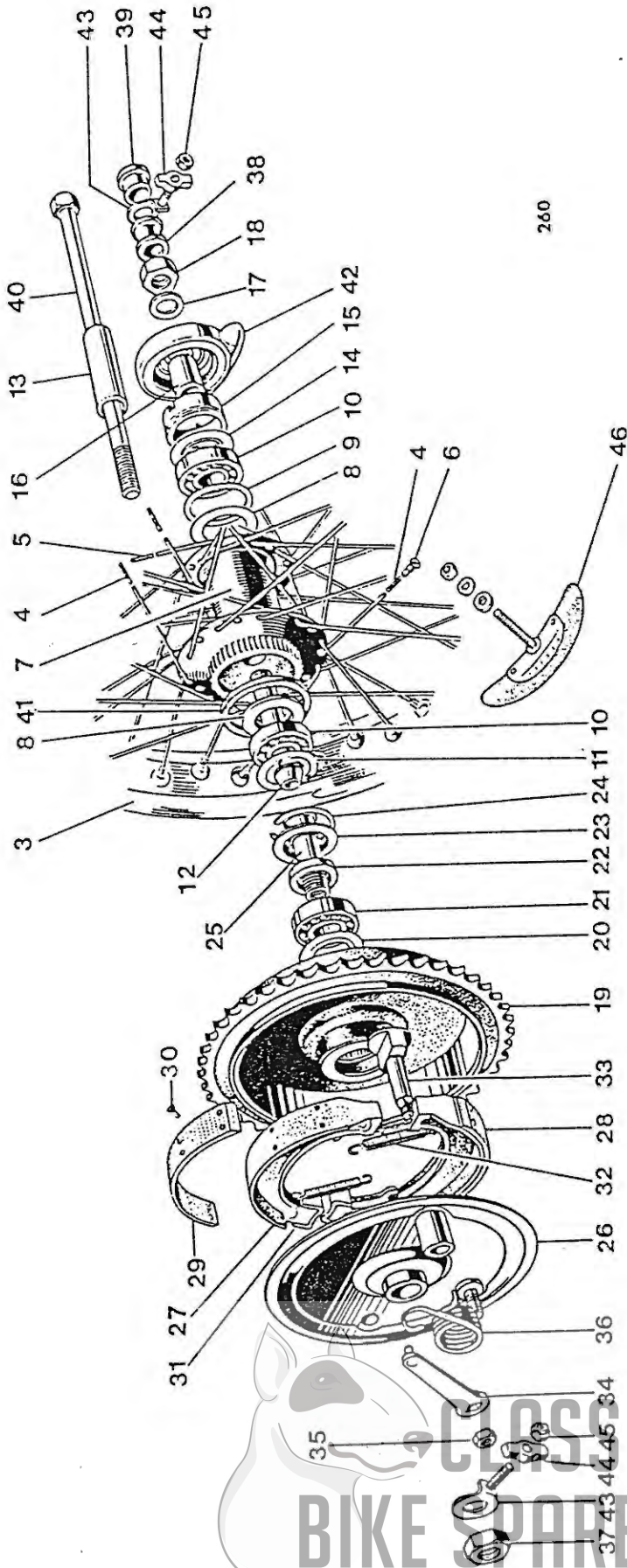


Fig. 21. QUICKLY DETACHABLE REAR WHEEL (NOT U.S.A.)

CLASSIC BIKE SPARES

QUICKLY DETACHABLE REAR WHEEL (NOT U.S.A.)

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|-------------|--|----------|--------------|
| 1 | NA W1746 | Q.D. REAR WHEEL COMPLETE | 1 | |
| 1 | NA W1745 | Q.D. REAR WHEEL COMPLETE | 1 | T100R, T100C |
| 2 | NA W1747 | RIM, SPOKES AND HUB ASSEMBLY | 1 | |
| 2 | NA W1603 | RIM, SPOKES AND HUB ASSEMBLY | 1 | T100R, T100C |
| 3 | 18.38 W1471 | Rear wheel rim WM2-18 | 1 | |
| 3 | 18.38 W1007 | Rear wheel rim WM3-18 | 1 | T100R, T100C |
| 4 | .28 W1107 | Spoke (8/10G x 7 ⁹ / ₁₆ in. 90°) c/w nipple | 20 | |
| 5 | .28 W1108 | Spoke (8/10 x 7 ⁹ / ₁₆ in. 90°) c/w nipple | 20 | |
| 6 | .10 S79-2 | Spoke nipple | 40 | |
| 7 | NA W1593 | Hub | 1 | |
| 8 | NA W1595 | Grease retainer | 2 | |
| 9 | NA W1509 | Backing ring | 2 | |
| 10 | 6.90 S35-7 | Bearing | 2 | |
| 11 | NA W1596 | Dust cap | 1 | |
| 12 | NA W1614 | Bearing sleeve | 1 | |
| 13 | NA W1598 | Distance piece (inner) | 2 | |
| 14 | .12 W1635 | Grease retainer | 1 | |
| 15 | NA W1599 | Speedometer adaptor | 1 | |
| 16 | .36 W1477 | Distance piece (outer) | 1 | |
| 17 | .06 W1280 | Plain washer | 1 | |
| 18 | .36 W1282 | Nut | 1 | |
| 19 | 17.50 W1040 | Sprocket and brake drum 46T | 1 | |
| 20 | .36 W1143 | Grease retainer | 1 | |
| 21 | 7.92 W1041 | Bearing | 1 | |
| 22 | NA W1032 | Felt washer | 1 | |
| 23 | .36 W1043 | Bearing and felt retainer | 1 | |
| 24 | .36 W1044 | Circlip | 1 | |
| 25 | 3.86 W1045 | Bearing sleeve | 1 | |
| 26 | 10.50 W1121 | Brake anchor plate | 1 | |
| 27 | 6.14 W1406 | LEADING BRAKE SHOE C/W LINING | 1 | |
| 28 | 6.14 W1407 | TRAILING BRAKE SHOE C/W LINING | 1 | |
| 29 | NA NW243 | Brake lining | 2 | |
| 30 | .06 W129 | Brass rivet | 16 | |
| 31 | .28 W1415 | Thrust pad | 2 | |
| 32 | .28 W135 | Shoe return spring | 2 | |
| 33 | 3.16 W1083 | Brake cam | 1 | |
| 34 | 3.86 W2014 | Brake cam lever | 1 | |
| — | .44 W11 | Pivot pin | 1 | |
| 35 | .10 S1-52 | Nut | 1 | |
| 36 | .70 W1488 | Lever return spring | 1 | |
| 37 | .54 W1052 | Nut | 1 | |
| 38 | NA W1392 | Inner distance piece | 1 | |
| 39 | NA W1170 | Outer distance piece | 1 | |
| 40 | 4.90 W1055 | Spindle | 1 | |
| 41 | .12 W1091 | Rubber sealing ring | 1 | |
| 42 | 17.50 D373 | Speedometer gearbox | 1 | |
| 43 | 1.94 W1135 | Chain adjuster | 2 | |
| 44 | .28 W1015 | Adjuster end plate | 2 | |
| 45 | .18 W1058 | Self-locking nut | 2 | |
| 46 | 2.00B D106 | Tyre security bolt WM2 | 2 | |
| 47 | 2.00B WM3 | Tyre security bolt WM3 | 2 | T100R, T100C |



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710 - made by*

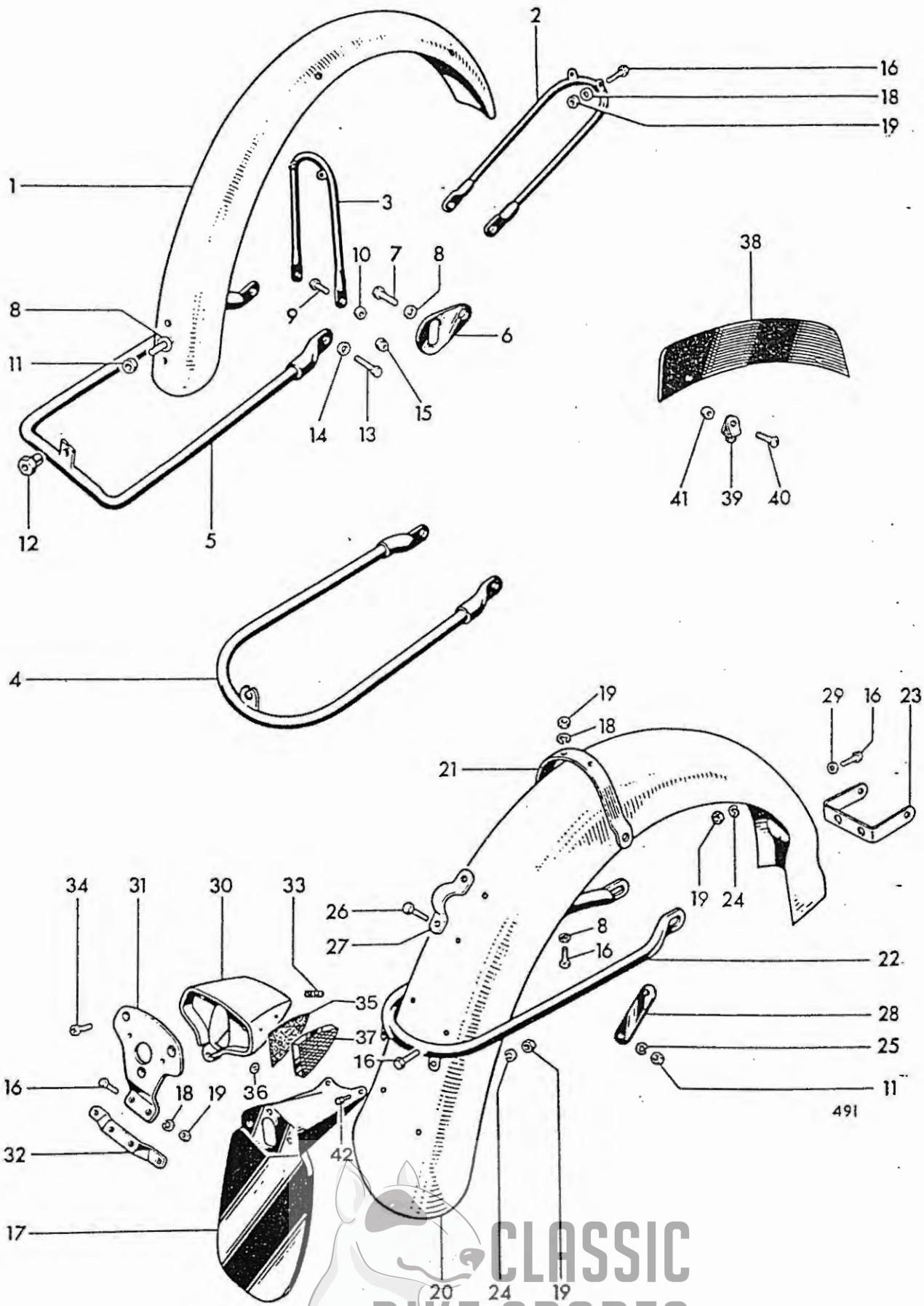


Fig. 22. MUDGUARDS (FENDERS U.S.A.)

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MUDGUARDS (FENDERS U.S.A.)

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-------------|---------------------------------------|----------|--|
| | | MUDGUARDS (FENDERS U.S.A.) | | |
| 1 | 12.26 H1676 | Front mudguard | 1 | <i>fitted to 1968 T100R models</i> |
| 1 | 31.50 H1997 | Front fender (stainless steel) ... | 1 | T100C |
| 2 | 5.96 H1681 | Front stay ... | 1 | |
| 3 | 5.96 H1683 | Centre bridge ... | 1 | |
| 4 | 5.60 H1678 | Bottom stay ... | 1 | |
| 5 | 5.60 H1482 | Bottom stay | 1 | <i>Not fitted to U.S. models</i> |
| 6 | .36 H1685 | Bracket ... | 2 | |
| 7 | .18 F929 | Bolt ($\frac{1}{2}$ in. U.H.) ... | 2 | |
| 8 | .04 F4299 | Plain washer ... | 3 | |
| 9 | .18 DS55 | Bolt ($\frac{5}{16}$ in. U.H.) ... | 4 | |
| 10 | .10 T224 | Nut ... | 2 | |
| 11 | .10 S1-51 | Nut ... | 3 | |
| 12 | .18 NS362 | Spigot nut ... | 1 | |
| 13 | .18 DS55 | Bolt ($\frac{11}{16}$ in. U.H.) ... | 2 | |
| 14 | .04 GS203 | Plain washer ... | 2 | |
| 15 | .18 W1691 | Nut, self-locking ... | 2 | |
| 16 | .18 DS57 | Bolt ($\frac{7}{16}$ in. U.H.) ... | 10 | |
| 17 | NA F8124 | Rear number plate | 1 | <i>Not fitted to U.S. models</i> |
| 18 | .06 S25-1 | Plain washer ... | 6 | |
| 19 | .06 F879 | Nut ... | 14 | |
| 20 | NA F8126 | Rear mudguard | 1 | <i>Not fitted to U.S. models</i> |
| 20 | 28.00 F8143 | Rear fender | 1 | <i>fitted to 1968 T100R models</i> |
| 20 | 47.26 F8144 | Rear fender (stainless steel) ... | 1 | T90, T100S T100R T100C |
| 21 | .54 F6915 | Fender bridge ... | 1 | |
| 22 | 8.76 F7860 | Lifting handle ... | 1 | |
| 23 | .54 F6916 | Bracket ... | 1 | |
| 24 | .06 S26-2 | Spring washer ... | 5 | |
| 25 | .06 S26-3 | Spring washer ... | 2 | |
| 26 | .18 H590 | Bolt ($\frac{3}{16}$ in. U.H.) ... | 2 | |
| 27 | .54 F5994 | Clip ... | 1 | |
| 28 | .44 F6031 | Backing plate ... | 1 | |
| 29 | .10 F6310 | Plain washer ... | 3 | |
| 30 | 14.70 F8139 | Tail lamp adaptor ... | 1 | |
| 31 | 1.06 F6849 | Tail lamp plate ... | 1 | |
| 32 | .36 F6850 | Number plate bracket ... | 1 | } U.S.A. models |
| 33 | .18 E2980 | Stud ($\frac{15}{8}$ in. O.A.) ... | 1 | |
| 34 | .06 F4715 | Screw ($\frac{13}{32}$ in. U.H.) ... | 2 | |
| 35 | .06 F8140 | Rubber mat, side reflector ... | 2 | |
| 36 | .06 F8195 | Push fix, side reflector... .. | 4 | |
| 37 | 1.15 57111 | Red reflector ... | 2 | |
| 38 | NA F6470 | Front number plate | 1 | <i>Parts not fitted to U.S. models</i> |
| 39 | .36 H741 | Clip assembly ... | 2 | |
| 40 | .12 H687 | Screw ($\frac{3}{8}$ in. U.H.) ... | 2 | |
| 41 | .04 H745 | Nut ... | 2 | |
| 42 | NA E8769 | Bolt ($\frac{1}{2}$ in. U.H.) ... | 4 | |



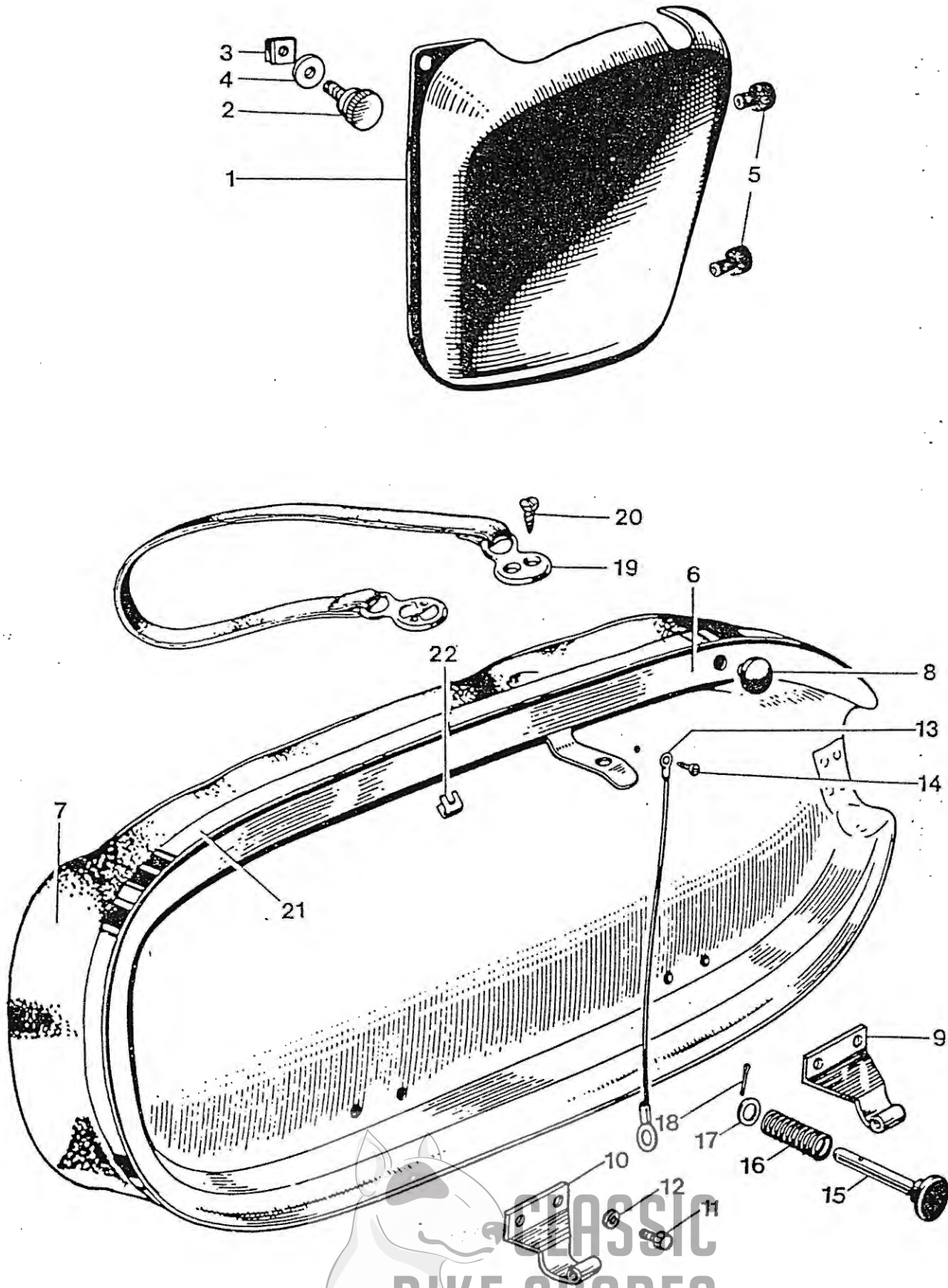


Fig. 23. PANELS AND TWINSEAT

PANELS AND TWINSEAT

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|--|---|----------|--------------------------|
| 1 | 8.76 F8042 | Left panel and toolbox | 1 | |
| 2 | .18 F8044 | Toolbox screw | 1 | |
| 3 | .18 S653 | Nut | 1 | |
| 4 | .06 F8132 | Washer | 1 | |
| 5 | .10 F8046 | Grommet | 2 | |
| 6 | NA F9517 | TWINSEAT (GREY TOP) <i>Not fitted to U.S. model</i> | 1 | |
| 6 | 51.00B F9502 | TWINSEAT (BLACK TOP) | 1 | T100C and T100R |
| 7 | NA F7777 <i>delete</i> | Twinseat cover c/w clips (GREY TOP) | 1 | |
| 7 | 19.70 F7489 | Twinseat cover c/w clips (BLACK TOP) | 1 | T100C and T100R |
| 8 | .36† F4898 | Rubber buffer | 2 | |
| 9 | 1.76 F8026 | Hinge front | 1 | |
| 10 | 1.76 F7862 | Hinge rear | 1 | |
| 11 | .10 14-0101/001 | Bolt ($\frac{7}{16}$ in. U.H.) | 4 | |
| 12 | .06 S26-2 | Spring washer | 4 | |
| 13 | .88 D374 | Check wire | 1 | |
| 14 | .06 F4483 | Self-tapping screw | 1 | |
| 15 | .98 F7560 | Seat catch plunger c/w knob | 1 | |
| 16 | .18 F4228 | Spring | 1 | |
| 17 | .04 E1719A | Plain washer | 1 | |
| 18 | .10PK $\frac{3}{32}$ in. x $\frac{1}{2}$ in. | Split pin <i>CP. 3/32 X .1</i> | 1 | |
| 19 | 3.16 F4361 | Safety strap | 1 | T100C, T100R |
| 20 | .10 F4365 | Self-tapping screw | 4 | |
| 21 | 2.80 D696 | Trim strip (bright) | 1 | |
| 22 | .04 D697 | Sprag | 4 | |
| | NA D674 | Transfer, Tiger 90 <i>Not supplied on U.S. models</i> | 1 | T90 |
| | NA D675 | Transfer, Tiger 100 <i>U.S. models</i> | 1 | T100S |
| | .18 D676 | Transfer, Trophy 500 <i>High Competition</i> | 1 | T100C <i>early model</i> |
| No | .18 D677 | Transfer, Daytona Super Sports | 1 | T100T |
| Illu | NA D831 | Transfer, Queens Award <i>Not supplied on U.S.</i> | 1 | U.K. only models |
| str: | .10 D1917 | Transfer, Tiger 500 | 1 | T100R |
| | 10.50 F9498 | Twinseat handrail | 1 | Later |
| | .18 14-0102/001 | Hexagon headed screw | 4 | T100R |
| | .06 S26-2 | Spring washer | 4 | T100C |

F9498 Twinseat handrail available as accessory only - not fitted as standard.

D1917 Transfer, "Trophy 500," Late T100C model



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†Later machines use: F4898 Buffer 2 off
F7835 Buffer 2 off

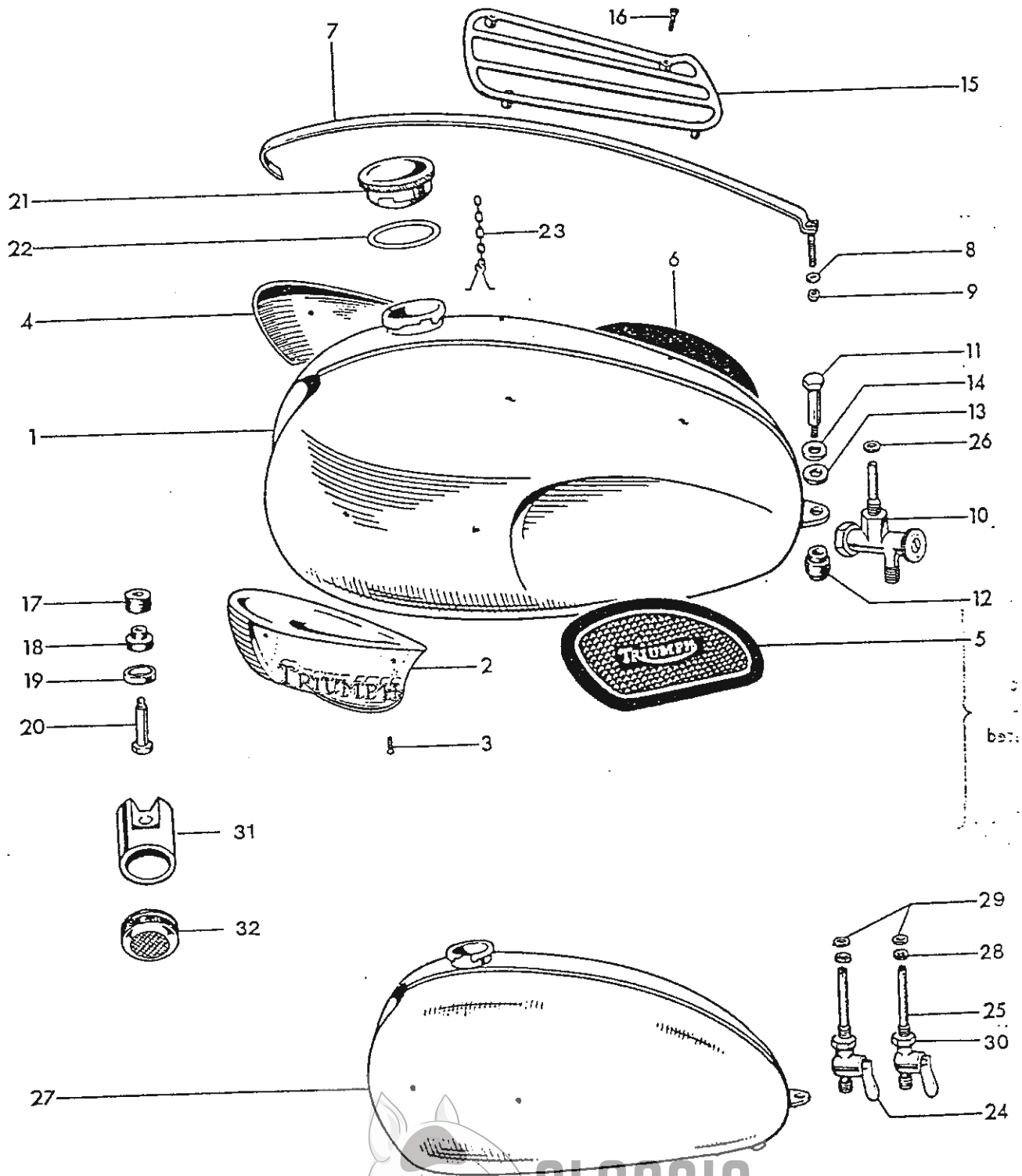


Fig. 24. PETROL TANK

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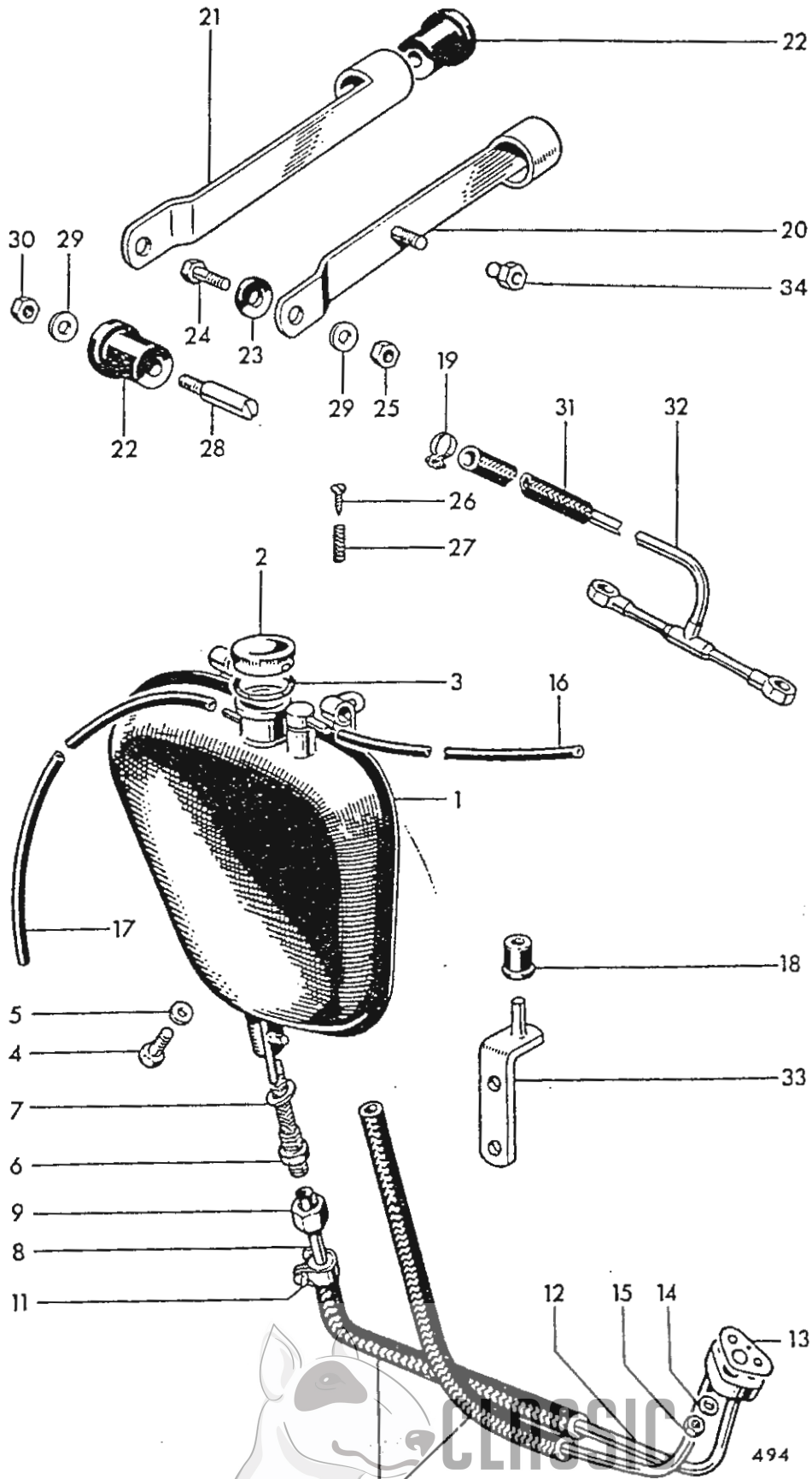
PETROL (GAS) TANKS

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|-----------------|--|----------|-------------------|
| 1 | NA F7393 | Petrol tank (3 gallons) <i>Not fitted to U.S. models</i> | 1 | T90, T100S, T100T |
| 2 | 5.60 F6887 | Styling unit (left) | 1 | |
| 3 | .18 F4129 | Styling unit screw (27/64 in. O.A.) front | 2 | |
| 3 | .06 F7888 | Styling unit screw (35/64 in. O.A.) rear | 2 | |
| 4 | 5.60 F6888 | Styling unit (right) | 1 | |
| 5 | 2.28 F8192 | Left knee grip | 1 | |
| 6 | 2.28 F8193 | Right knee grip | 1 | |
| 7 | 5.26 F7395 | Centre styling strip | 1 | |
| 8 | .04 F4019 | Serrated washer | 1 | |
| 9 | .06 H919 | Nut | 1 | |
| 10 | 4.90 F1717 | Petrol tap | 1 | T90, T100S, T100T |
| 11 | .54 F7388 | Rear bolt | 1 | |
| 12 | .18 F5336 | Double spigot rubber | 1 | |
| 13 | .12 F967 | Rubber washer | 1 | |
| 14 | .28 F3814 | Cup | 1 | |
| 15 | 8.76 F3917 | Parcel grid <i>not fitted to 1968 U.S. models</i> | 1 | T90, T100S, T100T |
| 16 | .44 F2936 | Screw <i>but stocked for previous models</i> | 4 | T90, T100S, T100T |
| 17 | .12 F5228 | Rubber washer | 2 | |
| 18 | .18 F5229 | Spigot rubber | 2 | T90, T100S |
| 19 | .28 F3814 | Cup | 2 | |
| 20 | .44 F1808 | Bolt | 2 | |
| 21 | 3.50 F3220 | FILLER CAP | 1 | |
| 22 | .28 F4048 | Joint washer | 1 | |
| 23 | .36 F3217 | Jack chain | 1 | |
| 24 | 3.50 F4971 | Petrol tap (left) | 1 | |
| 25 | 3.86 F4972 | Petrol tap with reserve tube | 1 | |
| 26 | .03 F1511 | Fibre washer | 2 | |
| 27 | 87.50 F7192 | Petrol tank (2 1/2 U.S. gallons) | 1 | T100C, T100R |
| 28 | .28 F8198 E7351 | Petrol tap-seat <i>locking washers</i> | 2 | |
| 29 | .06 F10002 | Steel washer | 2 | |
| 30 | .36 F10006 | Tap nut | 2 | |
| 31 | .80 F8194 | Reflector bracket | 2 | |
| 32 | 2.64 D691 | Reflector, amber | 2 | |
| | .18 D676 | Transfer, Trophy 500 <i>"Tiger Competition" Early</i> | 1 | T100C models |
| | .18 D677 | Transfer, Daytona Super Sports | 1 | T100T |
| Nc | NA D674 | Transfer, Tiger 90 <i>Not supplied on U.S. models</i> | 1 | T90 |
| Ill | NA D675 | Transfer Tiger 100 <i>Not supplied on U.S. models</i> | 1 | T100S |
| str | .10 D1917 | Transfer Tiger 500 | 1 | T100R |
| | .10 A56 | Transfer, World Speed Record | 1 | |
| | NA A61 | Transfer, Made in England <i>Not available</i> | 1 | |

F1717 petrol tap not fitted to 1968 U.S. models but stocked for special applications. Repair kit also available part number CD480.

* Order F8174 for 1968 T100C models, and F8175 for 1968 T100R models. D1919 transfer, Trophy 500. Late T100C models.





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Fig. 25. OIL TANK

OIL TANK

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|------|------------------------|-------------------|---|----------|---------|
| 1 | 40.26 | F7836 | Oil tank ... | 1 | |
| 2 | 2.10 | F3216A F5155 | FILLER CAP | 1 | |
| 3 | .18 | F4047 | Joint washer | 1 | |
| 4 | .12 | F5343 | Drain plug | 1 | |
| 5 | .04 | PT104B | Fibre washer | 1 | |
| 6 | 2.10 | F3179 | Oil tank filter | 1 | |
| 7 | .04 | F1713 | Fibre washer | 1 | |
| 8 | .44 | F6103 | Upper feed pipe | 1 | |
| 9 | .36 | F3182 | Union nut | 1 | |
| 10 | NA | E4594 <i>QD31</i> | Flexible connector, long <i>Dubing (max. in 6' lengths)</i> | 2 | |
| 11 | .18 | E6848 | Clip | 4 | |
| 12 | 4.38 | E7203 | Oil pipes and junction block | 1 | |
| 13 | .06 | E3763 | Joint washer | 1 | |
| 14 | .04 | E3446 | Plain washer | 1 | |
| 15 | .18 | E1310 | Nut | 1 | |
| 16 | .54 | T1579 | Vent pipe | 1 | |
| 17 | .44 | F7352 | Flexible pipe (chain oiler) | 1 | |
| 18 | .36 | F6039 | Grommet | 1 | |
| 19 | .18 | E6849 | Clip (rocker pipe) | 1 | |
| 20 | 1.50 | F9255 | Front strap | 1 | |
| 21 | 1.76 | F8028 | Rear strap | 1 | |
| 22 | .10 | F6673 | Spigot rubber | 4 | |
| 23 | .10 | F6968 | Rubber washer | 2 | |
| 24 | .10 | 14-0103/001 | Bolt (3/4 in. U.H.) | 2 | |
| 25 | .18 | 14-0701/001 | Self-locking nut | 2 | |
| 26 | .36 | F6511 | Metering screw | 1 | |
| 27 | .10 | F6874 | Coil spring | 1 | |
| 28 | .18 | F6672 | Screwed peg | 2 | |
| 29 | .06 | 525-13 | Plain washer | 4 | |
| 30 | .06 | F879 | Nut | 2 | |
| 31 | .44 | E6353 | Rubber connector | 1 | |
| 32 | 3.86 | E7576 | Rocker oil feed pipe | 1 | |
| 33 | 1.24 | F6898 | Bracket | 1 | |
| 34 | .12 | F8034 | Spigot nut | 1 | |
| No | .10 | A40 | Transfer, "Important Drain and Refill" | 1 | |
| illu | .28 | A44 | Transfer, "Recommended Lubricants" | 1 | |
| str: | .10 | A3 | Transfer, "Minimum Oil Level" | 1 | |



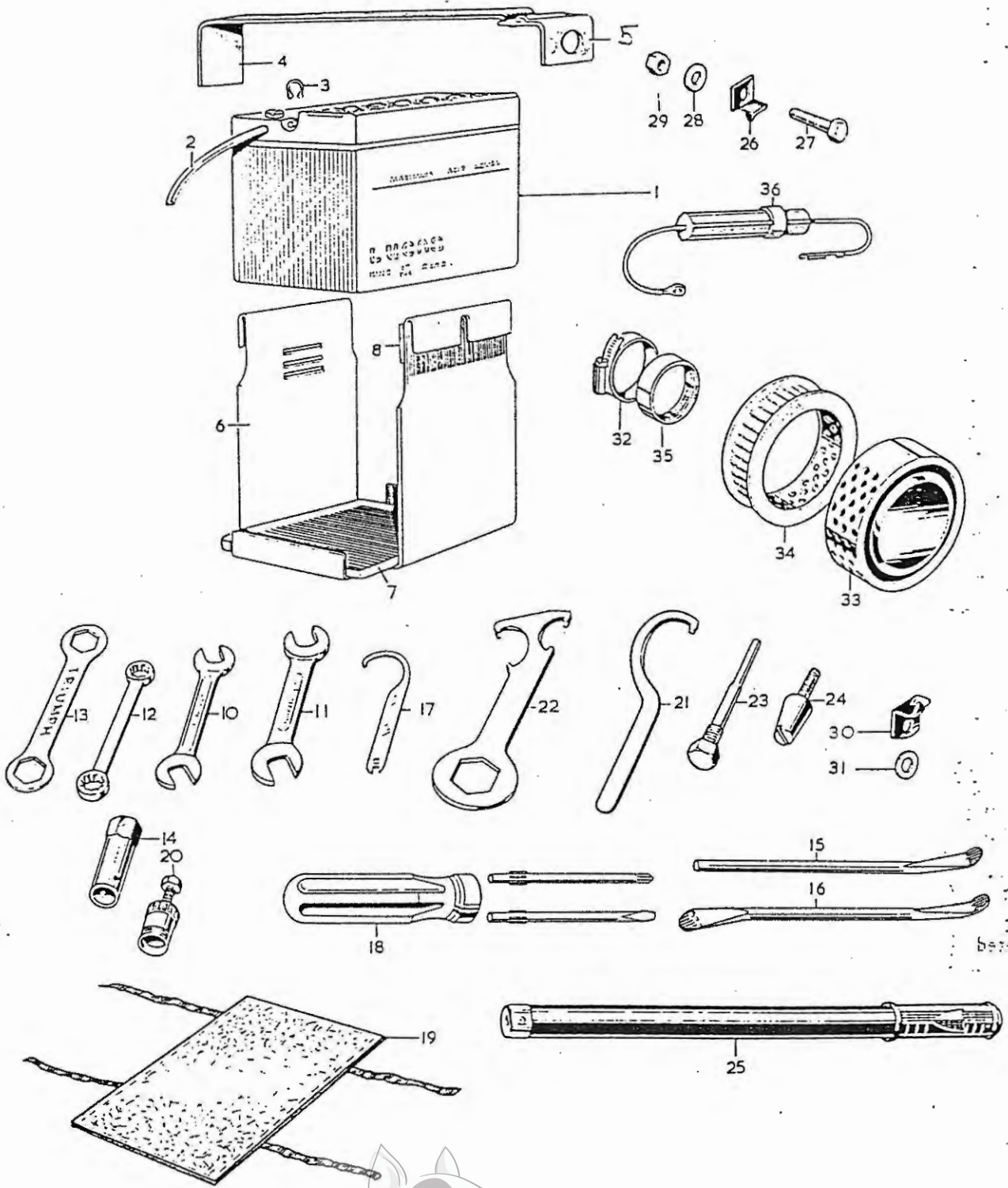


Fig. 26. BATTERY, TOOLKIT AND AIR FILTER

CLASSIC
BIKE SPARES

BATTERY, TOOLKIT AND AIR FILTER

| Suggested Retail Price | Part No. | Description | Quantity | Remarks |
|------------------------|--------------------------------------|--|-------------|------------------------|
| 1 27.50 | PUZ5A | Battery | 1 | |
| 2 .36 | F7431 | Vent pipe | 1 | |
| 3 .06 | F7892 | Circlip | 1 | |
| 4 .54 | F8033 | Battery retaining strap (rubber) | 1 | |
| 5 .28 | F8032 | Battery strap anchorage | 1 | |
| 6 2.80 | F8024 | Battery carrier | 1 | |
| 7 .54 | F8091 | Battery carrier tray | 1 | |
| 8 .12 | F8031 | Battery carrier rubber... .. | 1 | |
| 9 14.40 | D769 | TOOL KIT | 1 | |
| 10 1.32 | NA55 | Open spanner, 1/4 in. x 5/16 in. whit. | 1 | |
| 11 1.76 | DA16 | Open spanner, 3/8 in. x 7/16 in. whit. | 1 | |
| 12 2.10 | D370 | Ring spanner, 1/16 in. x 1/4 in. whit. | 1 | |
| 13 NA | DA311 | Ring spanner, 5/8 in. x 1 1/16 in. whit. | 1 | |
| 14 NA | D87 | Box spanner, spark plug ... <i>Not stocked</i> | 1 | |
| 15 .88 | D801 | Tyre lever and tommy bar | 1 | |
| 16 .98 | NA14A | Tyre lever | 1 | |
| 17 1.06 | D362 | "C" spanner and tappet key | 1 | |
| 18 1.50 | D767 | Screwdriver, complete (2 blades) | 1 | |
| 19 .88 | D291 | Tool roll | 1 | <i>Car pullers may</i> |
| 20 2.28 | DA50 <i>DA50 + D662/3</i> | Clutch hub extractor <i>Not stock CD222 Ori-</i> | as required | <i>also be used</i> |
| 21 NA | D527 | Fork spanner (for sleeve nut) | as required | |
| 22 2.64 | D220 | Fork spanner (for cap nut) | as required | |
| 23 .80 | D484 <i>CD523</i> | Contact breaker extractor | as required | |
| 24 .66B | D486 | Contact breaker assembly pilot | as required | |
| 25 NA | D296 | Tyre inflator ... <i>Gas inflator</i> | 1 | |
| 26 NA | F5432 | Inflator top bracket <i>Not fitted into</i> | 1 | |
| 27 .12 | F1369 | Bolt (5/8 in. U.H.) ... <i>U.S. models</i> | 1 | |
| 28 .06 | S25-43 | Plain washer | 1 | |
| 29 .10 | S1-40 | Nut | 1 | |
| 30 NA | F5433 | Inflator bottom bracket | 1 | |
| 31 .06 | S25-3 | Plain washer | 1 | |
| 32 .54 | D177-9 | Clip | 1 or 2 | T100R, T100T |
| 33 NA | F6430 | AIR FILTER <i>Not fitted into U.S. models</i> | 1 | T100S, T90 |
| 34 NA | F4844 | Filter element (felt) <i>Not fitted to U.S. models</i> | 1 | |
| 33 5.94 | F6433 | AIR FILTER | 1 | T100C |
| 34 1.76 | F5694 | Filter element (paper) | 1 | |
| 33 9.20 | F7772 | AIR FILTER | 2 | T100T, T100R |
| 34 4.40 | F6866 | Filter element (Cloth) | 2 | |
| 35 .70 | E4576 | Adaptor, carb. to Filter | 2 | |
| 36 1.20 | 54928986 | Fuse assembly | 1 | |

CD447

20 amp fuse (box of five). Recommended.

CD392

30 amp fuse (box of five).



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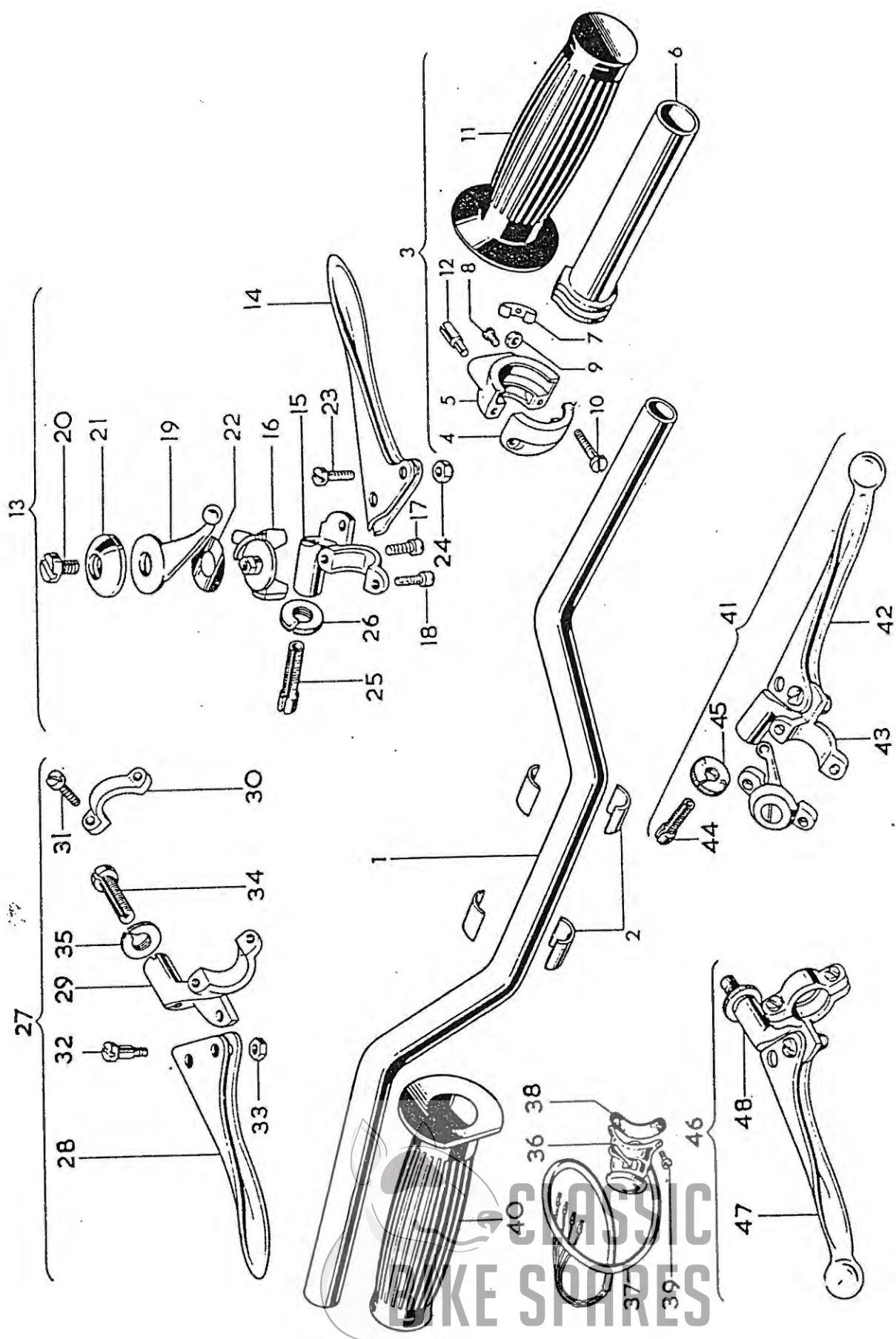


Fig. 27. HANDLEBARS AND CONTROL LEVERS

HANDLEBAR AND CONTROL LEVERS

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|-------------------------------|---|----------|------------------------|
| 1 | NA H1871 | Handlebar <i>Not fitted to U.S. models</i> | 1 | T90, T100S, T100T |
| 1 | 13.14 H1519 | American handlebar | 1 | T100C |
| 1 | 13.30 H1873 | American handlebar | 1 | T100R |
| 2 | .18 H1425 | Packing piece | 4 | |
| 3 | 4.18 16/364 | TWISTGRIP | 1 | |
| 4 | 1.08 16/328 | Body top half | 1 | |
| 5 | 1.22 16/329 | Body bottom half | 1 | |
| 6 | .78 16/091 | Rotor | 1 | |
| 7 | .22 16/008 | Friction spring | 1 | |
| 8 | .22 16/009 | Friction spring screw | 1 | |
| 9 | .10 16/010 | Nut | 1 | |
| 10 | .12 11/014 | Screw | 2 | |
| 11 | 2.50 H2125 | Handlebar grip <i>Not supplied separately</i> | 1 | <i>Order see CD520</i> |
| 12 | .30 16/011 | Cable stop | 1 | |
| 13 | 5.98 18/1004 | FRONT BRAKE AND AIR LEVER ASSEMBLY <i>Not fitted to U.S. models</i> | 1 | |
| 14 | 1.50 18/535 | Brake lever <i>Not fitted to U.S. models</i> | 1 | |
| 15 | 1.78 18/1014 | Brake lever bracket <i>Not fitted to U.S. models</i> | 1 | |
| 16 | 1.04 12/594 12/619 | Control body | 1 | |
| 17 | .12 11/013 | Screw (7/8 in. U.H.) | 1 | |
| 18 | .12 11/014 | Screw (9/16 in. U.H.) | 1 | |
| 19 | .88 12/556 | Lever | 1 | |
| 20 | .30 12/607 | Bolt | 1 | |
| 21 | .46 12/606 | Cap | 1 | |
| 22 | .16 12/033 | Spring washer | 1 | |
| 23 | .12 18/087 | Fulcrum screw | 1 | |
| 24 | .12 18/053 | Self-locking nut | 1 | |
| 25 | .34 { 18/1005 | Cable adjuster <i>Not fitted to U.S. models</i> | 1 | |
| 26 | 18/1006 | Thumb nut <i>to U.S. models</i> | 1 | |
| 27 | NA 18/1000 | CLUTCH LEVER ASSEMBLY <i>models</i> | 1 | |
| 28 | 1.50 18/528 | Clutch lever <i>Not fitted to U.S. models</i> | 1 | |
| 29 | 1.78 18/1009 | Clutch lever bracket <i>U.S. models</i> | 1 | |
| 30 | .34 12/595 | Clamp | 1 | |
| 31 | .12 11/014 | Screw | 2 | |
| 32 | .12 18/087 | Fulcrum screw | 1 | |
| 33 | .12 18/053 | Self-locking nut | 1 | |
| 34 | .34 { 18/1005 | Cable adjuster <i>Not fitted to U.S. models</i> | 1 | |
| 35 | 18/1006 | Thumb nut <i>U.S. models</i> | 1 | |
| 36 | 3.95 31563 | Horn push and dip switch | 1 | |
| 37 | 1.00 54941009 | Lead for horn push and dip switch | 1 | |
| 38 | .35 380459 | Backing rubber | 1 | |
| 39 | .06 H1994 | Screw (1/2 in. U.H.) | 2 | |
| 40 | 2.50 H2142 | Handlebar grip <i>Not supplied separately</i> | 1 | <i>Order see CD520</i> |
| 41 | 9.18 18/978 | FRONT BRAKE AND AIR LEVER ASSEMBLY (Ball-end) | 1 | } T100C, T100R |
| 42 | 2.36 18/754 | Brake lever (Ball-end) | 1 | |
| 43 | 2.70 18/777 18/776 | Brake lever bracket | 1 | |
| 44 | .58 { 18/838 | Cable adjuster <i>Sold only as a unit</i> | 1 | |
| 45 | 18/839 | Thumb nut <i>under part no. 18/838/839</i> | 1 | |
| 46 | 5.70 18/952 | CLUTCH LEVER ASSEMBLY (Ball-end) | 1 | |
| 47 | 2.36 18/752 | Clutch lever (Ball-end) | 1 | |
| 48 | 2.70 18/773 | Clutch lever bracket | 1 | |



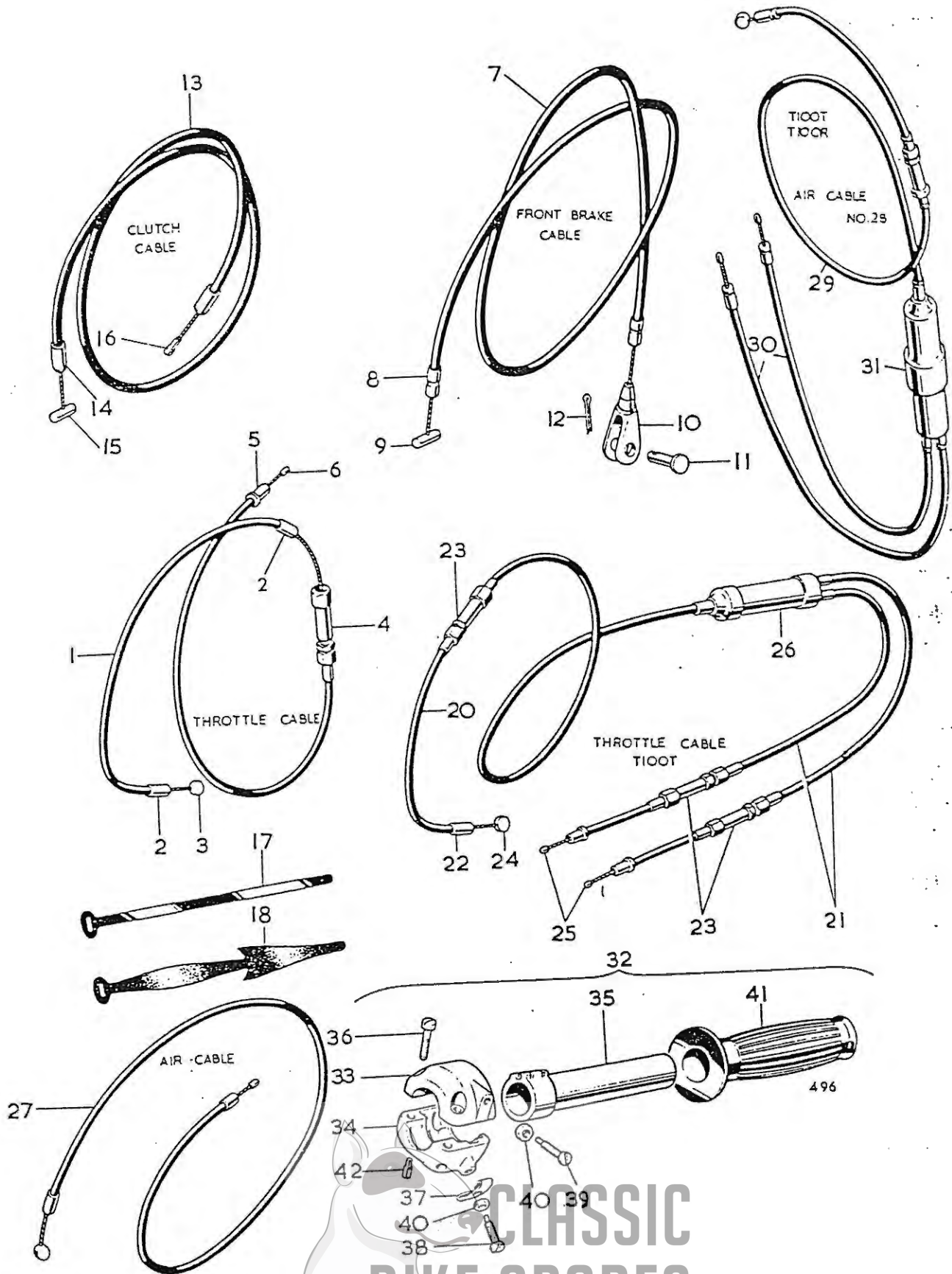


Fig. 28. CONTROL CABLES

CLASSIC
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CONTROL CABLES

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|-----------------|--|-------------|------------------------|
| 1 | D735T | THROTTLE CABLE | 1 | T100C |
| 1 | D740T | THROTTLE CABLE | 2 | T100R |
| 2 | D101 | Ferrule | 3 | |
| 3 | D83 | Nipple | 1 | |
| 4 | D104 | Adjuster | 1 | |
| 5 | 6/132A | Ferrule | 1 | |
| 6 | NS191 | Nipple | 1 | |
| 7 | B560 | FRONT BRAKE CABLE <i>use D330T cable</i> | 1 | |
| 7 | B558 | FRONT BRAKE CABLE <i>for both T100C and</i> | 1 | T100T, T100R T100R mod |
| 8 | D103 | Ferrule | 2 | |
| 9 | D506 | Nipple | 1 | |
| 10 | W593 | Fork end | 1 | |
| 11 | WF32 | Pivot pin... .. | 1 | |
| 12 | .10PK | $\frac{1}{8}$ in. x $\frac{1}{2}$ in. Split pin <i>CP 1/16 x 1/2</i> | 1 | |
| 13 | B566 | CLUTCH CABLE <i>Not fitted to all models</i> | 1 | |
| 13 | B565 D 466T/500 | AMERICAN CLUTCH CABLE | 1 | T100R, T100C |
| 14 | D103 | Ferrule | 2 | |
| 15 | D506 | Nipple | 1 | |
| 16 | DS73 | Nipple | 1 | |
| 17 | XA69 | Cable clip | As required | |
| 18 | D343/7 | Rubber cable clip | 1 | |
| 19 | NA D738 | THROTTLE CABLE <i>Not fitted</i> | 1 | } T100T |
| 20 | NA D741 | Cable, twistgrip to junction box <i>to</i> | 1 | |
| 21 | NA D739 | Cable, junction box to carburetter <i>US models</i> | 2 | |
| 22 | D101 | Ferrule | 10 | |
| 23 | D104 | Adjuster assembly | 3 | |
| 24 | D83 | Nipple | 1 | |
| 25 | NS191 | Nipple | 5 | |
| 26 | 244/104 | Junction box | 2 | |
| 27 | B742 D742T | AIR CONTROL CABLE | 1 | T90, T100S, T100C |
| 28 | D743 | AIR CONTROL CABLE | 1 | T100T, T100R |
| 29 | D744T | Lever to junction box | 1 | } T100R |
| 30 | D745T | Junction box to carburetter | 2 | |
| 31 | B685 244/104 | Junction box | 1 | |
| 32 | 313/13 | TWIN ROTOR TWIST GRIP | 1 | } T100R |
| 33 | 313/020 | Body, top half | 1 | |
| 34 | 313/021 | Body, bottom half... .. | 1 | |
| 35 | 313/004 | Rotor | 1 | |
| 36 | 18/084 | Bolt | 2 | |
| 37 | 16/008 | Friction spring | 1 | |
| 38 | 210/007 | Adjuster screw | 1 | |
| 39 | 210/008 | Rotor stop | 1 | |
| 40 | 5/077 | Nut | 2 | |
| 41 | H2425 | Grip <i>Not available separately</i> | 1 | |
| 42 | 16/011 | Cable stop... .. | 2 | |



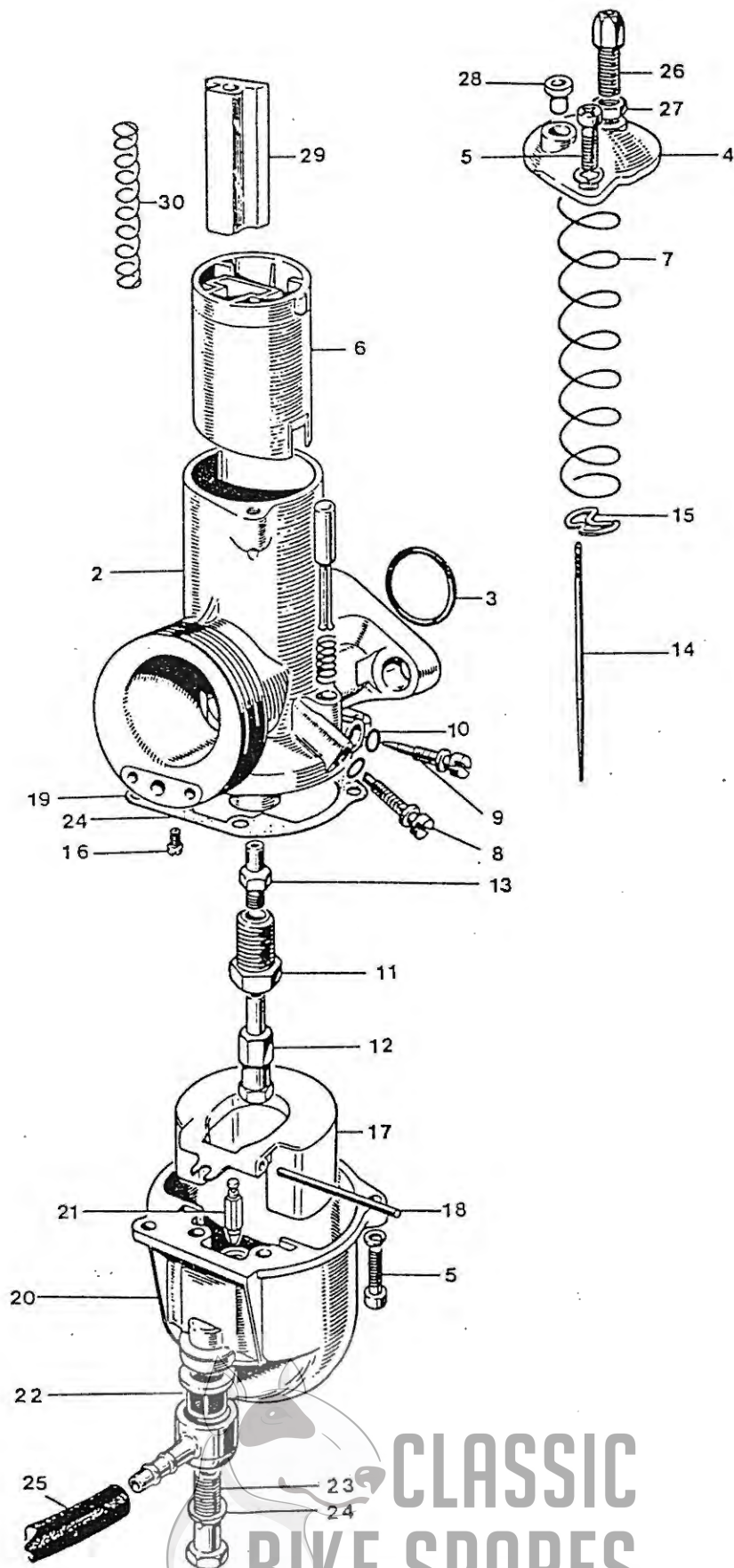


Fig. 29. CARBURETTER, T90, T100 AND T100C

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CARBURETTER, T100S, T100 AND T100C

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|------------------------|--|----------|--------------|
| 1 | NA R624/2 | CARBURETTER <i>Not fitted to U.S. models</i> | 1 | T90 |
| 1 | 36.00 R626/8 | CARBURETTER | 1 | T100S, T100C |
| 2 | NA As-above | Mixing chamber <i>Not supplied in U.S.</i> | 1 | T90 |
| 2 | 13.68 As-above R626/8B | Mixing chamber | 1 | T100S, T100C |
| 3 | .18 622/101 | "O" ring seal | 1 | |
| 4 | NA 622/064 | Mixing chamber top <i>Not fitted to U.S.</i> | 1 | models |
| 4 | 1.60 622/097 | Mixing chamber top | 1 | Available |
| 5 | .18 622/086 | Screw | 1 | |
| 6 | 3.18 622/060 -4 | Throttle valve (3 1/2 cutaway) | 1 | |
| 7 | .28 622/061 | Throttle return spring | 1 | |
| 8 | .28 622/077 | Throttle stop screw | 1 | |
| 9 | .28 622/076 | Air adjusting screw | 1 | |
| 10 | .12 622/082 | "O" ring | 1 | |
| 11 | 1.38 622/080 | Jet holder | 1 | |
| 12 | .70 376/100 -200 | Main jet (190) | 1 | |
| 13 | 1.38 622/079 -100 | Needle jet (-106) | 1 | |
| 14 | .90 622/063 | Needle | 1 | |
| 15 | .24 622/067 | Needle clip | 1 | |
| 16 | .58 424/026 | Pilot jet (20) <i>not fitted to late</i> | 1 | |
| 17 | 2.40 622/069 | Float | 1 | |
| 18 | .18 622/071 | Float spindle | 1 | |
| 19 | .04 622/073 | Joint washer | 1 | |
| 20 | 4.80 622/050 | Float chamber | 1 | |
| 21 | .78 622/068 | Needle | 1 | |
| 22 | .36 376/093 | Filter | 1 | |
| 23 | .48 622/078 | Banjo bolt | 1 | |
| 24 | .10 376/092 | Fibre washer | 1 | |
| 25 | NA F9268 | Petrol pipe | 1 | T90, T100S |
| 25 | 5.08 F9271 | Petrol pipe <i>Not fitted to U.S. models</i> | 1 | T100C |
| 26 | .30 4/035 | Cable adjuster | 1 | Available |
| 27 | .12 5/077 | Nut | 1 | Available |
| 28 | .16 6/132A | Ferrule | 2 | |
| 29 | 1.50 622/062 | Air slide | 1 | |
| 30 | .18 622/065 | Air slide spring | 1 | |

production models, 622/107 filter system incorporated in mixing chamber in late place. (Non- replaceable.)

376/066 air intake tube (std.). Available
 376/143 air intake tube (2-3/4"). Available
 622/089 tickler pin
 14/032 tickler spring
 376/139 double banjo gas line fitting available.

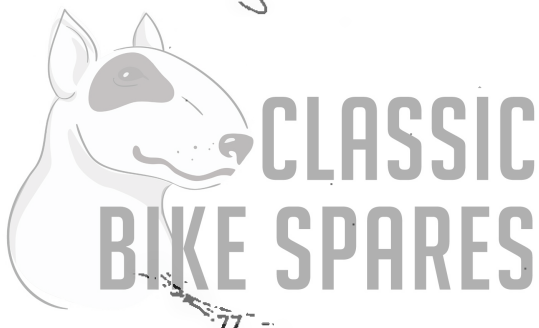


CARBURETTER, T100T AND T100R

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|---|----------|---------|
| 1 | 36.00 | L626/9 R626/10 CARBURETTER | 1 | Left |
| 1 | 36.00 | L626/10 CARBURETTER | 1 | Right |
| 2 | 13.68 | As above L626/9B Mixing chamber | 1 | Left |
| 2 | 13.68 | As above R626/10B Mixing chamber | 1 | Right |
| 3 | .18 | 622/101 "O" ring seal | 2 | |
| 4 | 1.60 | 622/097 Mixing chamber top | 2 | |
| 5 | .18 | 622/086 Screw | 2 | |
| 6 | 3.18 | 622/060 - 2 1/2 Throttle valve (cutaway)... | 2 | |
| 7 | .28 | 622/061 Throttle return spring | 2 | |
| 8 | .28 | 622/077 Throttle stop screw | 2 | |
| 9 | .28 | 622/076 Air adjusting screw | 2 | |
| 10 | .12 | 622/082 "O" ring | 4 | |
| 11 | 1.38 | 622/080 Jet holder | 2 | |
| 12 | .70 | 376/100 - 150 Main jet (200) | 2 | |
| 13 | 1.38 | 622/079 - 106 Needle jet (-106) | 2 | |
| 14 | .90 | 622/063 Needle | 2 | |
| 15 | .24 | 622/067 Needle clip | 2 | |
| 16 | .58 | 424/026 Pilot jet (20) <i>not fitted to late</i> | 2 | |
| 17 | 2.40 | 622/069 Float | 2 | |
| 18 | .18 | 622/071 Float spindle | 2 | |
| 19 | .04 | 622/073 Joint washer | 2 | |
| 20 | 4.80 | 622/050 Float chamber | 2 | |
| 21 | .78 | 622/068 Needle | 2 | |
| 22 | .36 | 376/093 Filter | 2 | |
| 23 | .48 | 622/078 Banjo bolt | 2 | |
| 24 | .10 | 376/092 Fibre washer | 2 | |
| 25 | NA | F9269 Petrol pipe <i>not fitted to US models</i> | 1 | T100T |
| 25 | 6.48 | F9272 Petrol pipe... | 1 | T100R |
| 26 | .30 | 4/035 Cable adjuster | 2 | |
| 27 | .12 | 5/077 Nut | 2 | |
| 28 | .16 | 6/132A Ferrule | 2 | |
| 29 | 1.50 | 622/062 Air slide | 2 | |
| 30 | .18 | 622/065 Air slide spring | 2 | |

*production models, 622/107
pilot system incorporated
in mixing with a bit in
its place (shown replaceable.)*

*376/066 air intake tube (std). Available.
376/143 air intake tube (2-3/4"). Available
622/089 tickler pin
14/032 tickler spring
376/139 double banjo gas line fitting available*



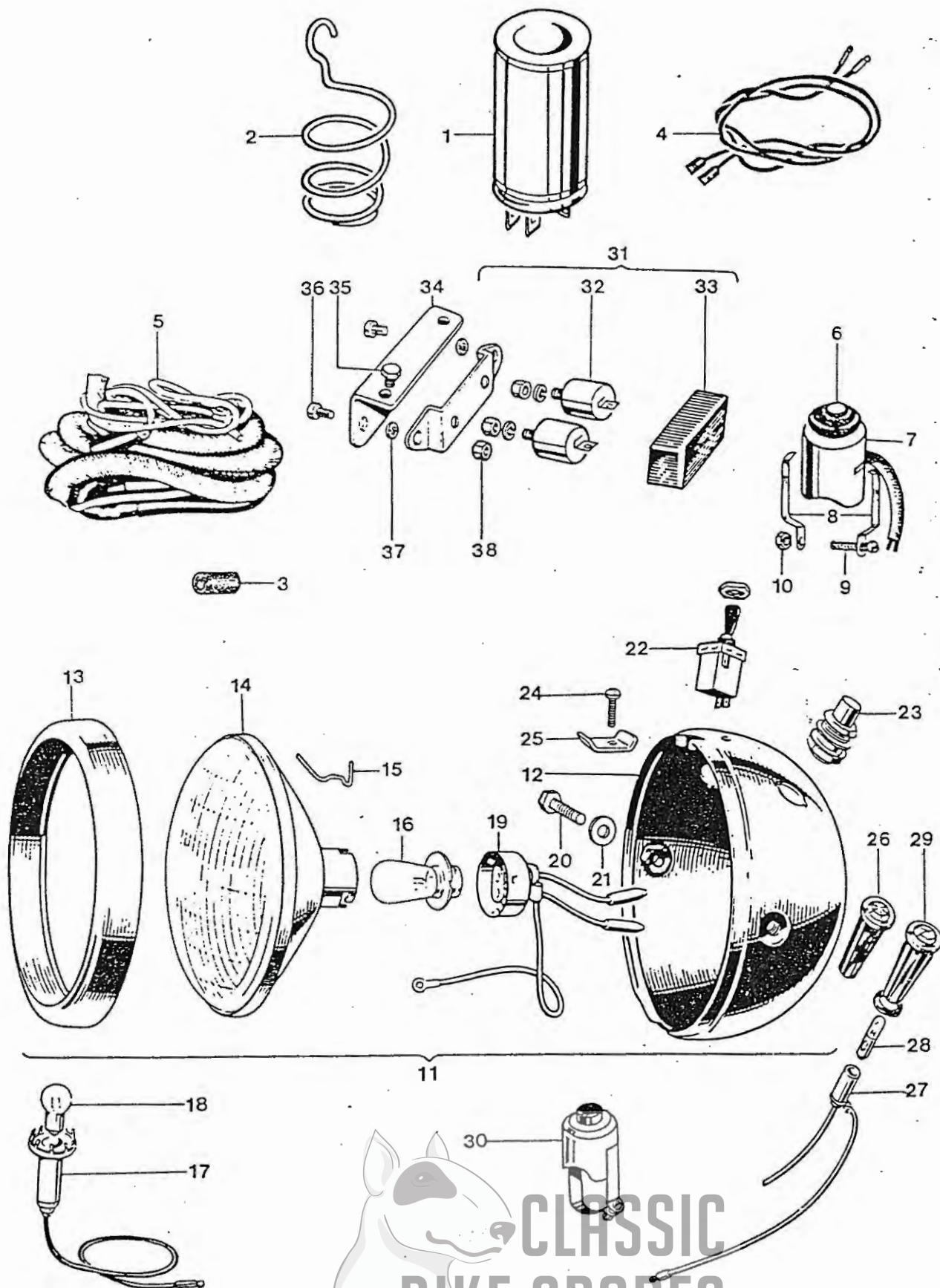


Fig. 31. IGNITION CAPACITOR AND T100C HEADLAMP

IGNITION CAPACITOR AND T100C HEADLAMP

| | Suggested Retail Price | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----|------------------------|-------------------------|---|----------|---------------------|
| 1 | 5.05 | 54170009 | Ignition capacitor (type 2MC) | ... | Available |
| 2 | 1.80 | 54483156 | Capacitor mounting spring | ... | Available |
| 3 | .18 | F9274 | Cap, wiring harness terminal | ... | Available |
| 4 | 1.60 | 54953455 | Sub harness--to connect capacitor | ... | Available T100R |
| 5 | 27.95 | 54953440 | Wiring harness | ... | (Standard on T100C) |
| 6 | 3.30 | 35835 | Kill-button, type 151SA | ... | 1 |
| 7 | .80 | H2259 | Cup | ... | 1 |
| 8 | .18 | H2034 | Clip | ... | 2 |
| 9 | .12 | H687 | Bolt ($\frac{3}{8}$ in. U.H.) | ... | 1 |
| 10 | .04 | H745 | Nut | ... | 1 |
| 11 | 52.50 | 59882 | HEADLAMP ASSEMBLY, MCH 66 | ... | 1 |
| 12 | 13.65 | 54524000 | Shell only | ... | 1 |
| 13 | 3.55 | 534343 | Rim | ... | 1 |
| 14 | 5.65 | 516828 | Light unit | ... | 1 |
| 15 | .30PK | 504665 | Fixing wire... | ... | 6 |
| 16 | 1.70 | 446 | Bulb (50/40.W. Vertical Dip, Pre-focus) | ... | 1 |
| 17 | .55 | 554710 | Bulb holder-pilot | ... | 1 |
| 18 | .30 | 989 | Bulb (3W. M.C.C.) | ... | 1 |
| 19 | 1.80 | 54520540 | Adaptor c/w leads | ... | 1 |
| 20 | .75 | 112201 | Bolt | ... | 2 |
| 21 | .60PK | 137498 | Washer | ... | 2 |
| 22 | 3.15 | 35710 | Lighting switch | ... | 1 |
| 23 | 4.90 | 31620 | Dip switch | ... | 1 |
| 24 | .60PK | 144921 | Screw | ... | 1 |
| 25 | 1.30PK | 55408 554408 | Plate | ... | 1 |
| 26 | .75 | 38189 | Warning light, Red | ... | 1 |
| 27 | .75 | 54945043 | Warning bulbholder | ... | 1 |
| 28 | .45 | 281 | Bulb (2W. BA7S) | ... | 2 |
| 29 | .75 | 38191 | Warning light, Green | ... | 1 |
| 30 | 1.54 | D552 D553 | Horn push, Clear Hooters No. 10. 66... | ... | 1 |

CONDENSER PACK - ALL MODELS

| | | | | | |
|----|------|------------------------------|---------------------------------|-----|---|
| 31 | | 47638 | Condenser pack 2CP | ... | 1 |
| 32 | 1.80 | 54418527 54420125 | Condenser | ... | 2 |
| 33 | .50 | 54418528 | Cover | ... | 1 |
| 34 | .28 | F8082 | Condenser pack bracket | ... | 1 |
| 35 | .12 | F4771 | Bolt, bracket to frame | ... | 2 |
| 36 | .04 | S683 | Bolt, condenser pack to bracket | ... | 2 |
| 37 | .04 | GS299 | Spring washer | ... | 2 |
| 38 | .10 | F3799 | Nut | ... | 2 |

153631 nut for 35710 switch
 314540 nut for 31620 switch
 54418526 condenser base plate



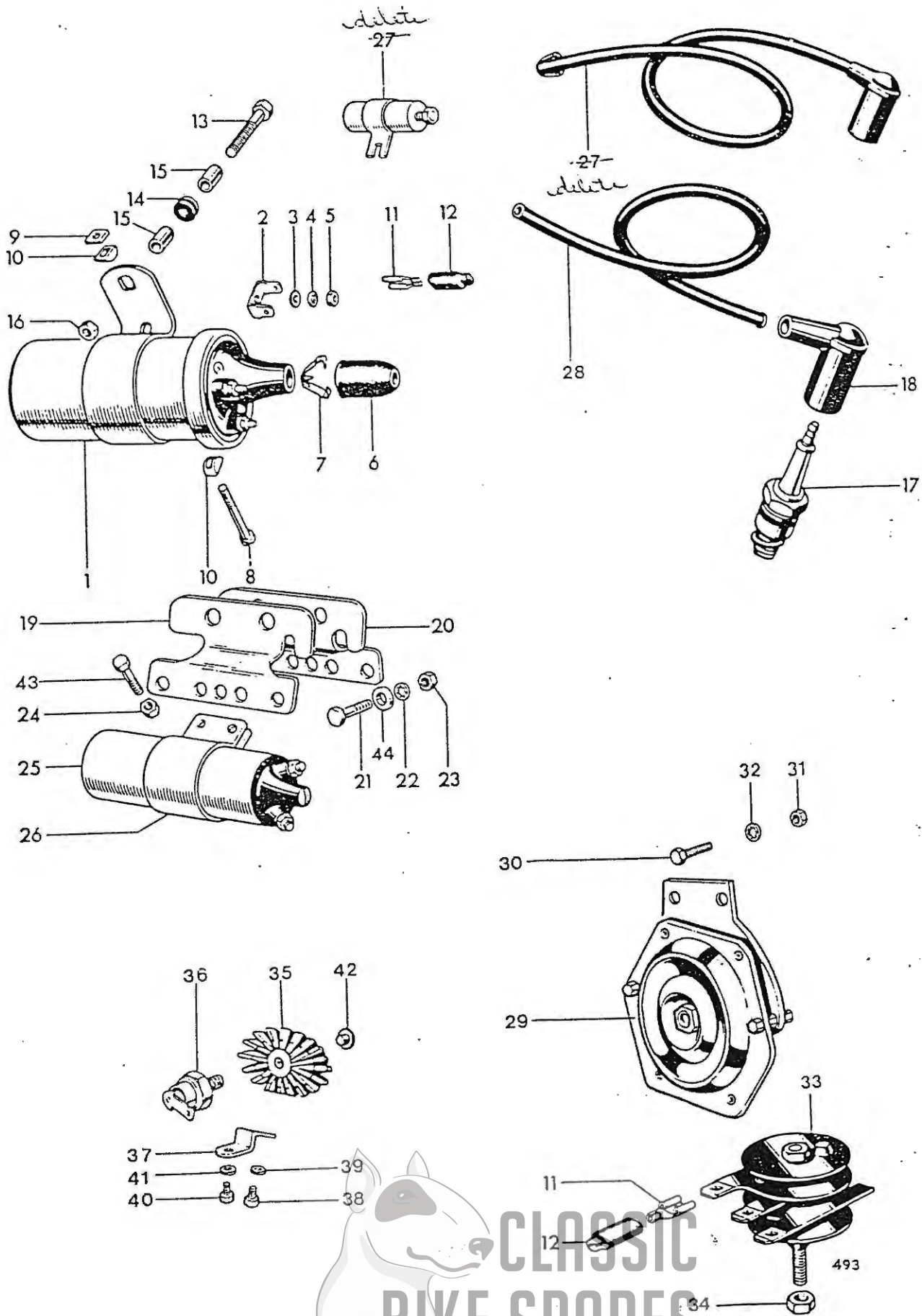


Fig. 32. IGNITION COILS, HORN, RECTIFIER AND ZENER DIODE

IGNITION COILS, HORN, RECTIFIER AND ZENER DIODE

| Ref. No. | Part No | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------------------------|--|-------------|-----------------------------------|
| 1 | 6.75 45110- | IGNITION COIL, Type MA12 <i>Not fitted to 1968</i> | 2 | } U.S. models |
| 2 | 1.05PK 54190108 | Lucar terminal ... | 4 | |
| 3 | .35PK 131023 | Plain washer (E2351) <i>Parts available</i> | 4 | |
| 4 | .50PK 188330 | Serrated washer (GS299) <i>under either</i> | 4 | |
| 5 | .35PK 166043 | Nut (F3799) <i>number given</i> | 4 | |
| 6 | 1.15PK 421554 | Rubber grommet ... | 2 | |
| 7 | 1.40PK 421863 | Cable clip ... <i>Parts not used</i> | 2 | |
| 8 | NA 100104 | Screw <i>on 1968 U.S. models</i> | 2 | |
| 9 | .70PK 169160 | Square nut ... | 2 | |
| 10 | .45PK 422369 | "D" washer ... | 4 | |
| 11 | .60PK 54942078 | Lucar connector ... | As required | } T90, T100S and T100T |
| 12 | .35PK 54190042 | Insulating cover ... | As required | |
| 13 | .18 F3809 | Bolt (1 1/4 in. U.H.) <i>Parts not used</i> | 2 | } T100R, T100C |
| 14 | .18 F5466 | Rubber grommet <i>on 1968 U.S. models</i> | 2 | |
| 15 | .12 F5467 | Distance piece ... | 4 | |
| 16 | .12 E3290 | Self-locking nut ... | 2 | |
| 17 | — | Spark plug (Champion N4) | 2 | |
| 18 | .24 D262 D105T | Plug cover <i>sparky</i> | 2 | |
| 19 | .44 F7182 | Left coil bracket ... | 1 | |
| 20 | .44 F7331 | Right coil bracket ... | 1 | |
| 21 | .18 F2335 | Bolt (1 1/4 in. U.H.) ... | 2 | |
| 22 | .06 S26-3 | Spring washer ... | 2 | |
| 23 | .10 S1-51 | Nut ... | 2 | |
| 24 | .06 F879 | Nut ... | 6 | |
| 25 | 13.75 E6388 | Ignition coil, Siba 32,000 | 2 | } T100R, T100C |
| 26 | .50 E6389 | Clip, Siba 32,000/1 | 2 | |
| 27 | NA 54937976 | H.T. lead complete (resistive) | 2 | } T100R |
| 28 | NA 842483 | H.T. lead (7 mm. cable) | 2 | |
| 29 | 9.24 27899 F7552 | Horn, type Clearhooter | 1 | } 49345/TRI. under part number |
| 30 | .12 F4771 | Screw (3/8 in. U.H.) | 2 | |
| 31 | .10 F3799 | Nut ... | 3 | |
| 32 | .04 GS299 | Serrated washer ... | 3 | |
| 33 | 11.55 49072 | Rectifier, type 2DS 506 | 1 | |
| 34 | .18 F5338 | Nut (456-596) <i>not stocked. Order F5338.</i> | 1 | |
| 35 | 7.36 H2237 | Heat sink ... | 1 | |
| 36 | 11.25 49345 | Zener diode <i>U.S. made diode available</i> | 1 | |
| 37 | .18 H2236 | Heat sink bracket ... | 1 | |
| 38 | .44 14-6102/001 | Bolt ... | 1 | |
| 39 | .06 S26/2 S26-2 | Washer ... | 1 | |
| 40 | .16 14-0113/001 | Bolt, bracket to fork lug | 1 | |
| 41 | .06 S26/3 S26-3 | Washer ... | 1 | |
| 42 | .10 H2275 | Plug, heatsink ... | 1 | |
| 43 | .12 F1369 | Bolt (5/8 in. U.H.) | 4 | |
| 44 | .06 F2184 | Distance piece ... | 1 | |



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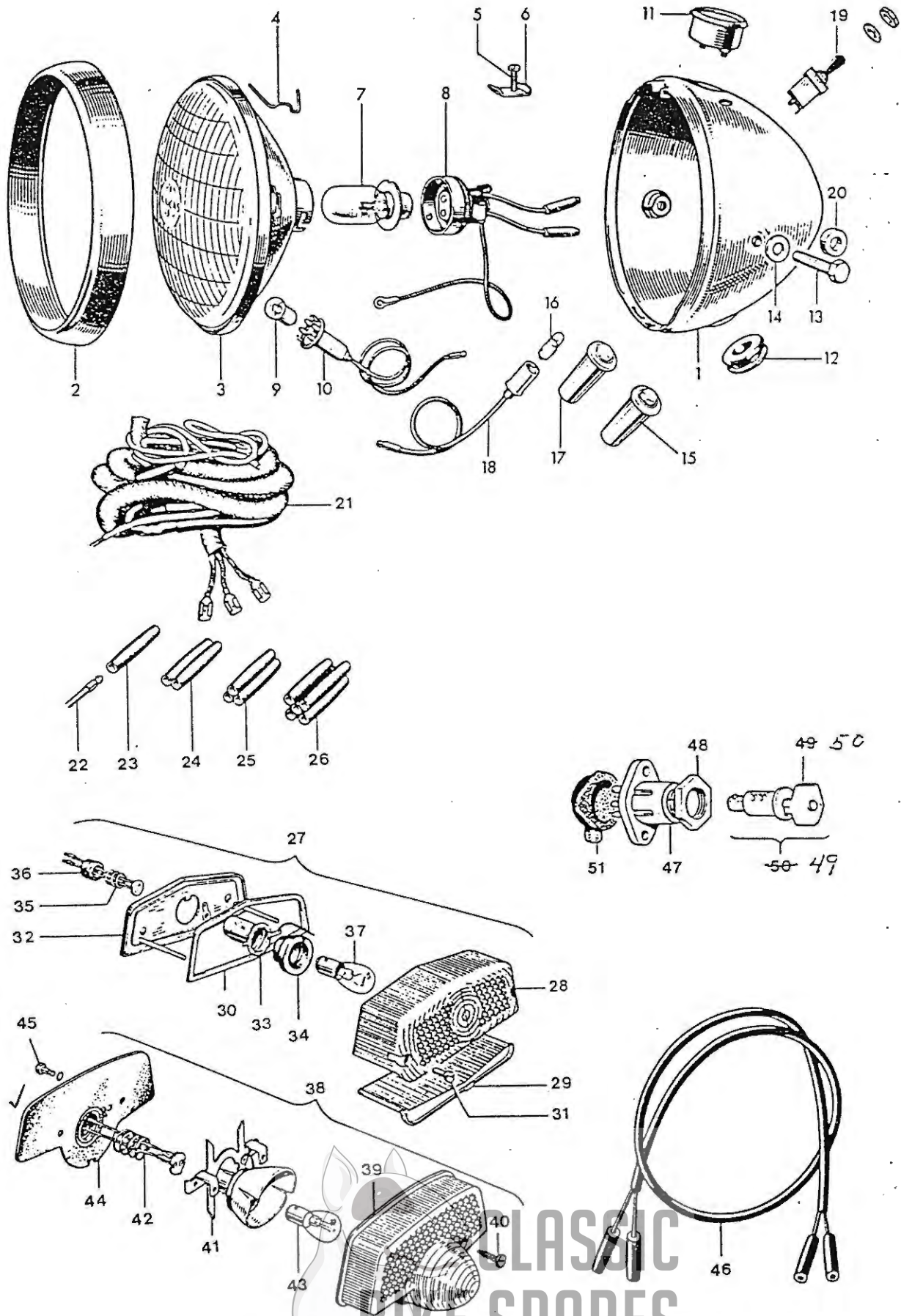


Fig. 33. HEADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP

ADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|---------------------|------------------------------------|-------------|---------------------|
| 1 | 62.50 59833 54SS.3 | HEADLAMP COMPLETE 5S700P | 1 | |
| 1 | 54523999 | Shell only | 1 | |
| 2 | 3.95 553248 | Rim | 1 | |
| 3 | 5.65 516798 | Light unit | 1 | |
| 4 | .30PK 504665 | Fixing wire | 6 | |
| 5 | .60PK 144921 | Screw | 1 | |
| 6 | 1.30PK 55408 55440S | Plate (packaged in tins) | 1 | |
| 7 | 1.70 446 | Bulb (50/40W. Vert dip. Pre-focus) | 1 | |
| 8 | 1.85 54520540 | Main bulbholder c/w leads | 1 | |
| 9 | .30 989 | Bulb (3W. M.C.C.) | 1 | |
| 10 | .55 554710 | Pilot bulbholder | 1 | |
| 11 | 4.10 36403 | Ammeter, type 2AR | 1 | |
| 12 | .35 862217 | Grommet | 1 | |
| 13 | .75 112201 | Bolt | 2 | |
| 14 | .40PK 137498 | Plain washer | 2 | |
| 15 | .75 38189 | Warning light body (Red) | 1 | |
| 16 | .45 281 | Bulb (2W. BA75) | 1 | |
| 17 | .75 38191 | Warning light body (Green) | 1 | |
| 18 | .75 54945043 | Warning bulbholder | 2 | |
| 19 | 3.15 35710 | Lighting switch, type 57SA | 1 | |
| 20 | .44 H1932 | Distance piece | 2 | |
| 21 | 27.95 54953443 | Wiring harness | 1 | |
| 22 | .40PK 900269 | Snap connector terminal | As required | |
| 23 | 1.15PK 900288 | Single snap connector | As required | |
| 24 | .30 850641 | Double snap connector | As required | |
| 25 | .30 850844 | Triple snap connector | As required | |
| 26 | .35 850832 | Quintuple snap connector | As required | |
| 27 | 7.90 53454 | STOP AND TAIL LAMP, Type 564 | 1 | |
| 28 | 2.25 573839 | Lens | 1 | } T90, T100S, T100T |
| 29 | 2.25 575200 | Window | 1 | |
| 30 | .40 575208 | Lens seating gasket | 1 | |
| 31 | 1.50PK 575219 | Sleeve nut | 2 | |
| 32 | 2.75 576002 | Base assembly | 1 | |
| 33 | .75 575209 | Bulbholder | 1 | |
| 34 | .30 575207 | Grommet | 1 | |
| 35 | .30 573828 | Contact assembly | 1 | |
| 36 | .30 573825 | Grommet | 1 | |
| 37 | .60 380 | Bulb (6/12W. Offset pin) | 1 | |
| 38 | 8.45 53973 | STOP AND TAIL LAMP, Type L679 | 1 | } T100R, T100C |
| 39 | 3.00 54572932 | Lens | 1 | |
| 40 | .60PK 572289 | Screw | 2 | |
| 41 | 3.00 54574348 | Bulb holder with reflector | 1 | |
| 42 | .30 573828 | Contact assembly | 1 | |
| 43 | .60 380 | Bulb (6/21W. Offset pin) | 1 | |
| 44 | .70 54571677 | Gasket | 1 | |
| 45 | 1.90PK 110714 | Screw | 2 | |
| 46 | 1.00 838604 | Stop and tail lamp lead | 1 | |
| 47 | 1.40 31899 | Ignition switch, type S45 | 1 | |
| 48 | .45 54130041 | Nut | 1 | |
| 49 | 2.80 F6981 | IGNITION LOCK c/w KEYS | 1 | |
| 50 | .88 D662 D622 | Ignition key (state serial number) | As required | |
| 51 | .28 H2262 | Ignition switch cover | 1 | |

incorrectly points out 54578218 bracket which is available, but is not supplied with the bulbholder.

153631 out for 35710 contact



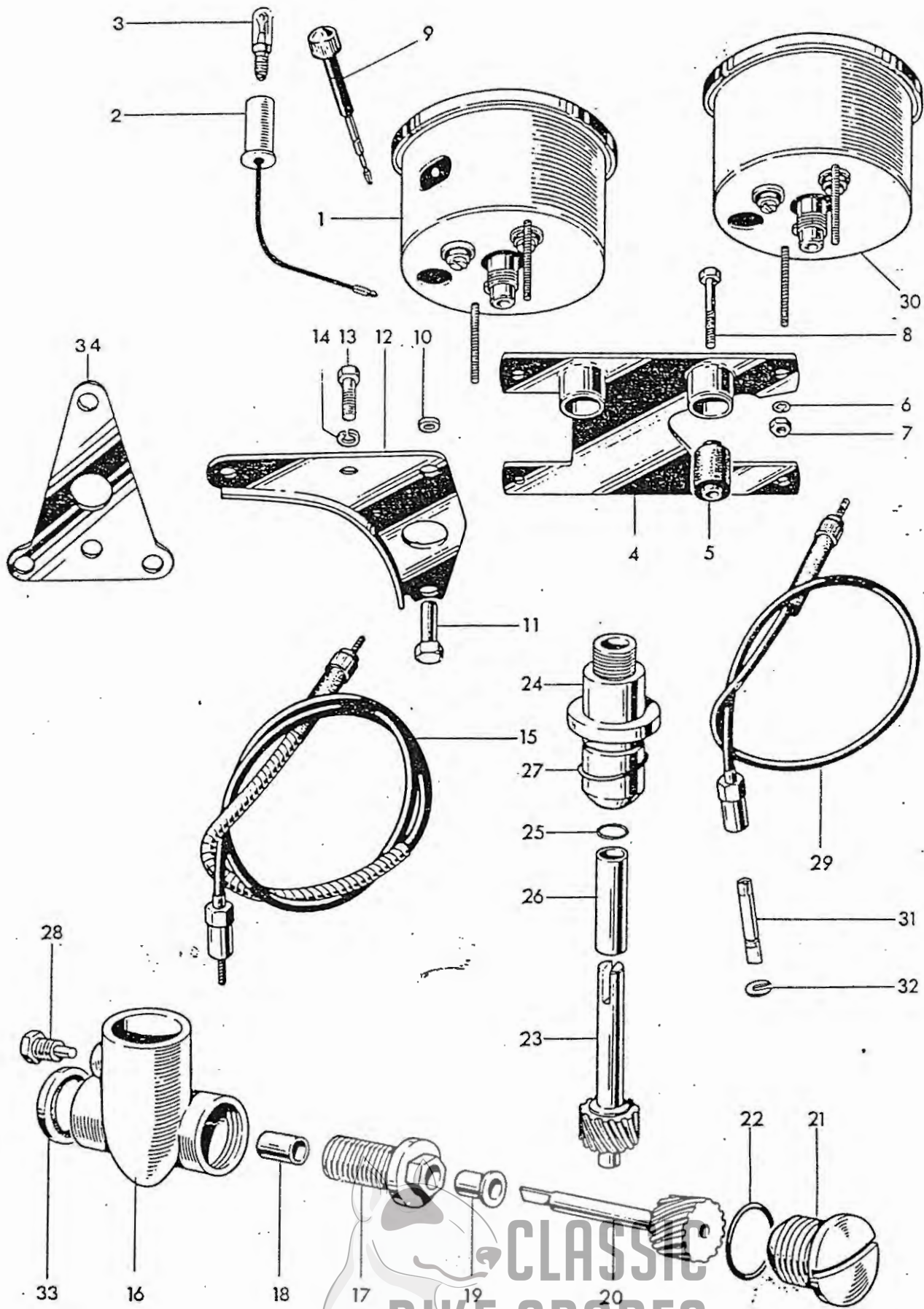


Fig. 34. SPEEDOMETER AND TACHOMETER

SPEEDOMETER AND TACHOMETER

| Ref. No. | Part No. | Description | Quantity | Remarks |
|----------|----------------------------|---|----------|--|
| 1 | 22.80T SSM5001/00 | Speedometer head MPH | 1 | <i>fitted to both T100C</i> T90, T100S+T100R model |
| 1 | NA SSM5001/01 | Speedometer head KPH | 1 | <i>Not fitted to U.S. models</i> Alternative |
| 2 | .80 554734 | Bulb holder | 1 | |
| 3 | .30 987 | Bulb, 3.W. M.E.S. | 1 | |
| 4 | 3.86 H1946 | MOUNTING BRACKET | 1 | |
| 5 | .70 H1929 | Metalastik bush | 2 | |
| 6 | .04 30-282-014-11 | Washer | 2 | T100R |
| 7 | .04 30-276-037-11 | Nut | 2 | |
| 8 | .18 5590 | Bolt (1 3/8 in. U.H.) | 2 | |
| 9 | .44 41-148-203-10 | Trip control | 1 | |
| 10 | .28 H1702 | Distance piece | 2 | |
| 11 | .12 H1701 | Sleeve nut | 2 | T100S, T100C and T100T <i>see Ref. No. 34</i> |
| 12 | .80 H1668 | Bracket <i>Not fitted to 1968 U.S. models</i> | 1 | |
| 13 | .10 14-0101/001 | Bolt (1/2 in. U.H.) | 2 | |
| 14 | .06 S26-2 | Spring washer | 2 | |
| 15 | 6.90 D692 | Speedometer cable (63 ins. long) | 1 | Smiths DF9110 00 |
| 16 | 21.88 E5755 | TACHOMETER GEARBOX (Body E5757) | 1 | |
| 17 | 3.50 E5153 | Securing screw | 1 | |
| 18 | NA E5156 | Bush <i>Not available</i> | 1 | |
| 19 | NA E5155 | Flanged bush <i>Not available</i> | 1 | |
| 20 | 4.56 E5157 | Driving gear | 1 | |
| 21 | 1.06 E5759 | End cap | 1 | |
| 22 | .36 E6300 | "O" ring | 1 | |
| 23 | 4.90 E5578 | Driven gear | 1 | |
| 24 | 2.80 E6122 | Driven gear housing | 1 | T100R |
| 25 | .28 E6299 | "O" ring | 1 | |
| 26 | NA E6124 | Bush <i>Not available</i> | 1 | |
| 27 | .18 E3309 | "O" ring | 1 | |
| 28 | .28 E5881 | Set screw | 1 | |
| 29 | 6.90 D578 | Tachometer cable | 1 | |
| 30 | 20.25T RSM3003/01 | Tachometer | 1 | |
| 31 | .52 31-371-398 | Spade | 1 | |
| 32 | .10 D494 | Circlip | 1 | |
| 33 | .28 E6964 E7351 | Sealing washer | 1 | |
| 34 | .54 H2138 | Mounting bracket | 1 | T100C |

D692W inner speedometer cable

D578W inner tachometer cable

31-315-135 brass fittings for instruments at cable connection.

UDO Enduro speedometers are available for all 1968 "C" Range models, order (1) CD430 speedometer, and (1) CD431 speedometer cable.



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