



# REPLACEMENT PARTS CATALOGUE

No. 9

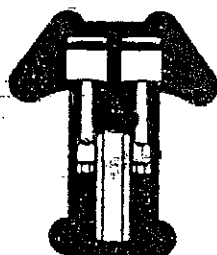


*for*

**5T SPEED TWIN  
6T THUNDERBIRD  
T100 TIGER  
T100c TIGER  
TR5 TROPHY**

1953 Models

From Engine No. 32303



REPLACEMENT PARTS

FOR

**TRIUMPH**

MOTOR CYCLES

COMMENCING

ENGINE No.

32303

SEPTEMBER, 1952

5T	-	SPEED TWIN
6T	-	THUNDERBIRD
TR5	-	TROPHY
T100	-	TIGER 100
T100c	-	TIGER 100c

TRIUMPH ENGINEERING COMPANY LTD.

MERIDEN WORKS, ALLESLEY

Telegrams (for Spares)  
"Tusty, Coventry"

COVENTRY.

Telephone  
Meriden 331

ISSUE No. 9

Published November, 1953

## PREFACE

**B**EFORE ordering parts for your machine, please read very carefully the instructions contained in the next paragraph. In a large number of cases, the information given in orders is not sufficient to enable us to identify customers' requirements with certainty. Delay is frequently occasioned by our having to refer the order back for further particulars before we can supply.

**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 drive side of the crank case underneath the cylinder flange, together with the prefix letters. Use a separate sheet for your order if you are sending a letter as well.

## SPECIMEN ORDER

25/6/53

To Triumph Engineering Co. Ltd.,  
Meriden Works,  
Allesley,  
Coventry.

Engine No. 6T-200000

Please supply:—

1 - CP.29/20 - Piston Assy. + .020"  
1 - E2899 - Guide, inlet valve

\* Send C.O.D.

Wm. Smith,  
1a, Ewell Avenue  
Ewell, Surrey.

\*For terms of business see page 3.

**TELEGRAPHIC ORDERS.** Orders by telegram should be addressed to "Trusty 60221 Coventry". They are then telephoned to us, which prevents delay in delivery. It is only necessary to quote part numbers in telegraphic orders, the description can be omitted.

**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. 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 fittings such as horns, 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.

All communications relating to spare parts, repairs, replacements and general service should be addressed to the Triumph Engineering Co. Ltd., Meriden Works, Allesley, Coventry, and in order to facilitate quick reference, the quoting of any order number, invoice number or reference from previous communications is of essential importance. **Accessories not of our manufacture should be sent direct to the actual makers, whose names and addresses appear on Page 113.**

**WHERE TO OBTAIN.** Triumph Spare Parts may be obtained from any Triumph Dealer, and we recommend our customers to place their orders with the Triumph Dealer in their district, as we do not normally supply direct. When parts not usually asked for are required, and for which the Dealer may have to wire or obtain specially, the postage or carriage incurred becomes payable.

We are not able to supply Transfers as originally affixed to Triumph Motor Cycles, but we are at all times willing to supply a transfer denoting that the machine is of genuine Triumph manufacture, provided the Frame and Engine prefix letters and numbers are quoted.

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, either from our recognised Dealers, or direct from the Service Department, Meriden Works, Allesley, Coventry.

## TERMS OF BUSINESS

**T**HE most convenient method of paying for Spare Parts is by the C.O.D. system. By this method you pay the postman for the goods when he delivers them to you. As the minimum C.O.D. collection fee is 10d., only goods to the value of 2/- and over can be sent by this system. We do not despatch goods by rail C.O.D.

Where goods are not sent C.O.D., cash must accompany the order. All remittances should be made payable to the Triumph Engineering Co. Ltd., and crossed "Barclay's Bank Ltd." if in the form of Postal Order or cheque. Letters containing currency notes must be registered.

Should a remittance be forwarded by telegraphic money order, the name and address of the sender must be inserted in the space provided on the Post Office requisition form for a private message from remitter to payee. Unless this is complied with the Post Office omit such information from the telegram and we are not then in a position to trace the sender.

Postage, carriage and packing is charged at 2½% on the value of the goods, minimum charge 6d. Packing boxes, cases, crates, etc., are charged for at cost and are returnable.

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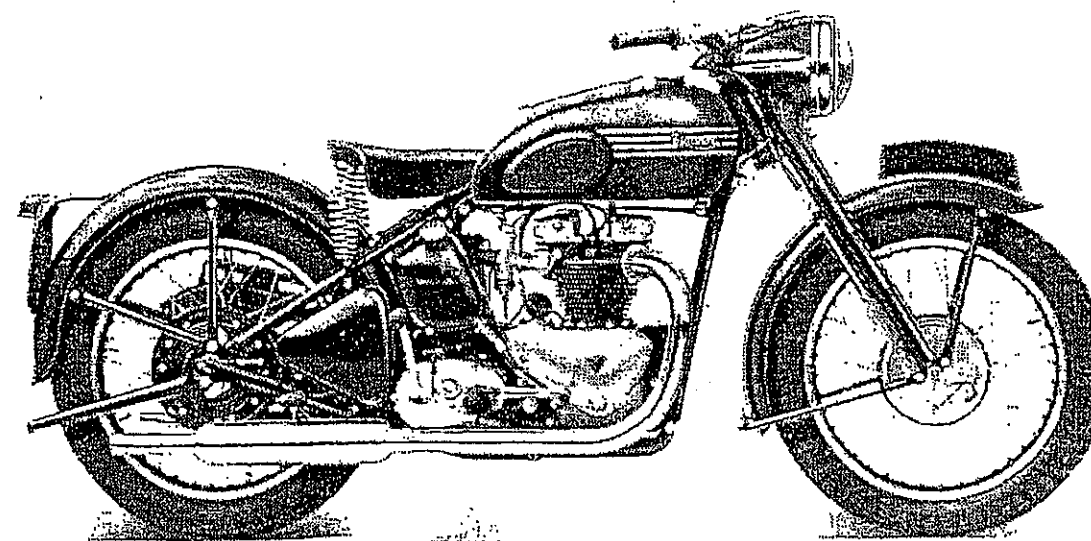
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To assist the owner and dealer in identifying requirements, this book contains numerous exploded views of major assemblies. Each component part is numbered and by cross reference to the illustration index, the part number of the component will be found. Against each part number a page and reference number is shown and by referring to the appropriate page, the full description of the part will be found against the reference number.

### Example.

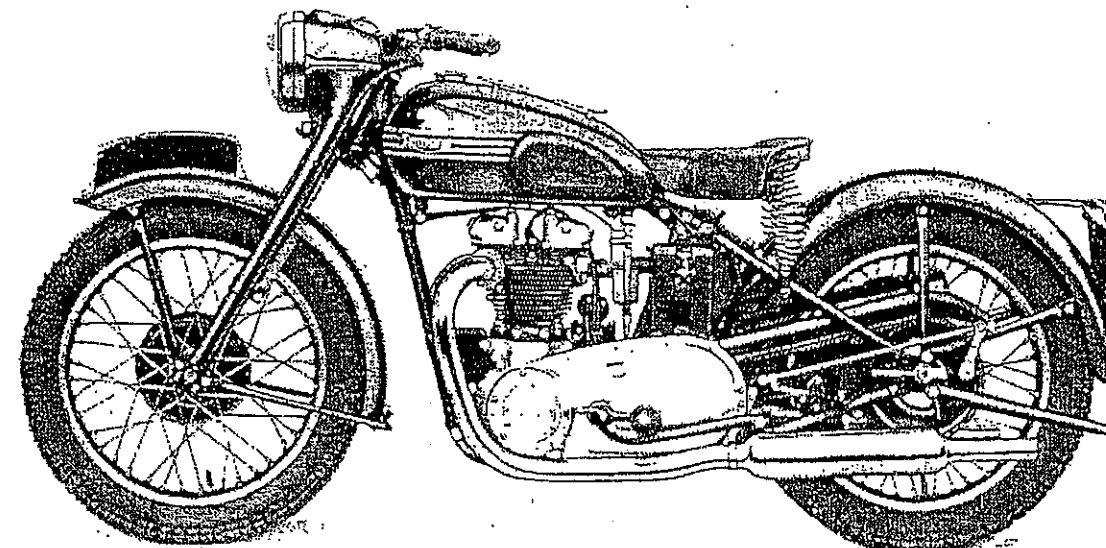
- To find the part number of a scraper ring for the model 5T.
1. Refer to illustration index above where it will be found that the exploded view of the 5T crankshaft assembly is on page 26.
2. Note that the number of the scraper ring on the illustration is 4.
3. Refer to the index for the illustration in question on page 27.
4. Note that No. 4 is part number GE.29, listed on page 23 Reference line No. 37.

## SPEED TWIN

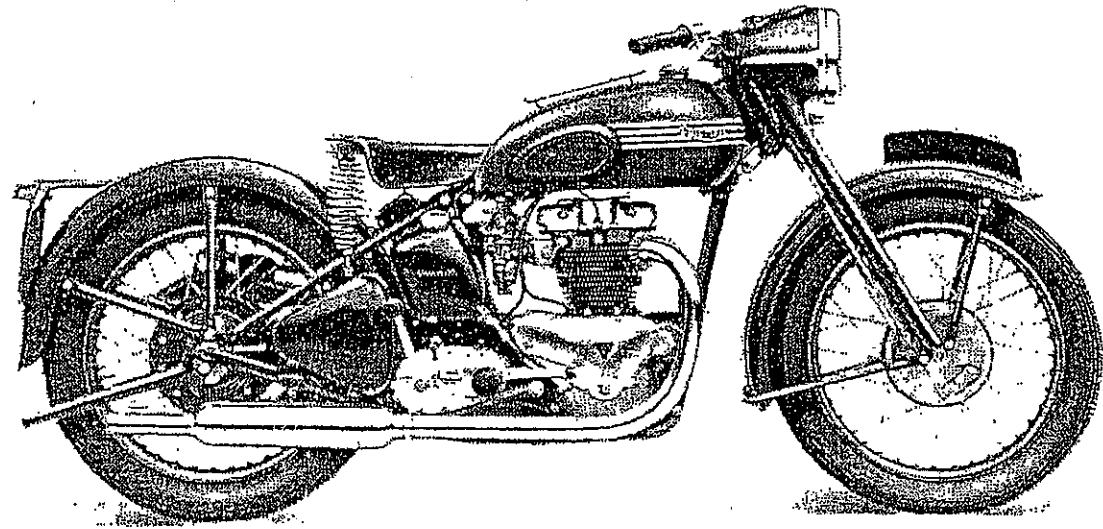


### SPECIFICATION

Bore and stroke, mm ... ..	...63 x 80	Ignition, fully advanced,	ins. (mm) ... ..	... 3/8 (9.5)
Cylinder capacity		Piston ring gap	ins. (mm) ... ..	... .010-.014 (.25-.35)
c/cm (cu. ins.) ... ..	498 (30.5)	Inlet valve opens, B.T.D.C. ... ..	... 26 1/2 °	
Compression ratio ... ..	7 : 1	Exhaust valve closes, A.T.D.C. ... ..	... 35 1/2 °	
Engine sprocket, solo ... ..	22	Petrol tank, gallons (litres) ... ..	4 (18)	
Engine sprocket, sidecar ... ..	19	Oil tank, pints (litres) ... ..	6 (3.4)	
Carburettor main jet (Amal) ... ..	140	Weight lbs. (dry) (kilos) ... ..	373 (169.5)	
Carburettor slide " ... ..	6/3 1/2			
Carburettor needle jet " ... ..	107			
Tappet clearance, cold				
ins. (mm) ... ..	.010 (.25)			



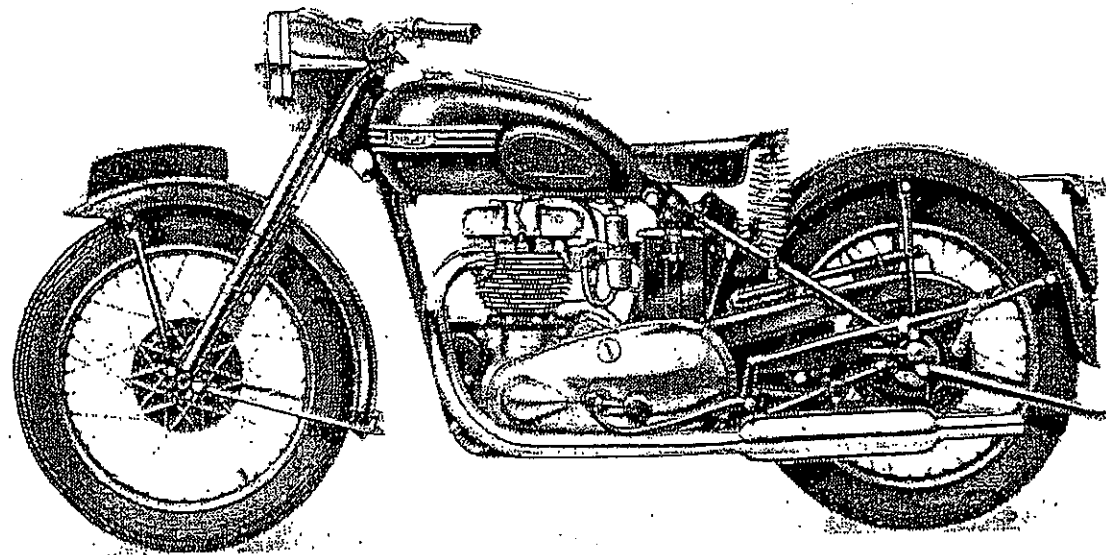
## THUNDERBIRD



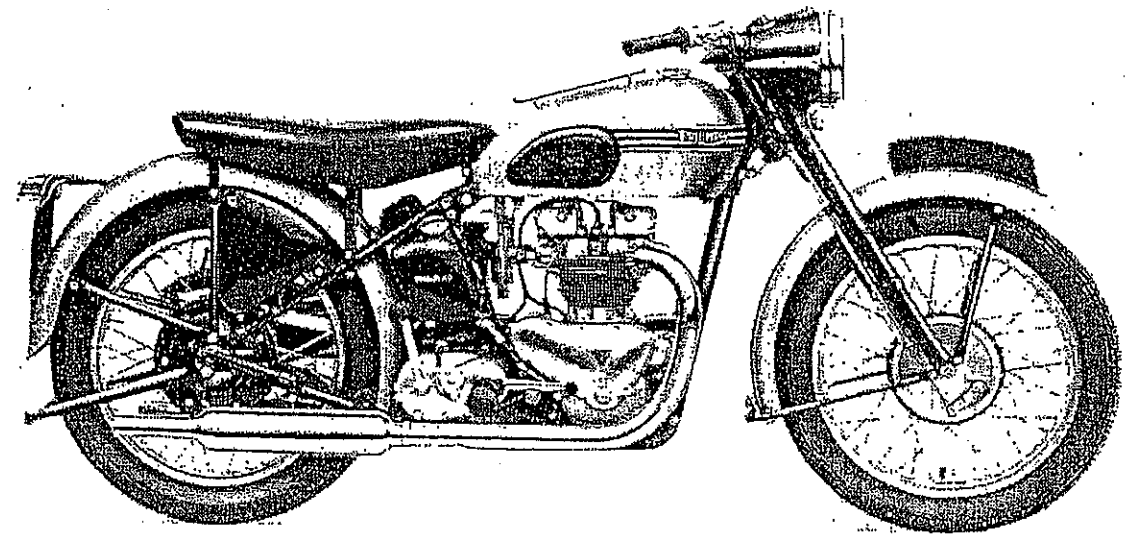
### SPECIFICATION

Bore and stroke, mm	... 71 × 82	Ignition, fully advanced,	ins. (mm)	... $\frac{1}{8}$ (9.5)*
Cylinder capacity		Piston ring gap	ins. (mm)	.010-.014 (.25-.35)
c/cm (cu. ins.)	... 649 (40)	Inlet valve opens, B.T.D.C.	...	26½°
Compression ratio	... 7 : 1	Exhaust valve closes, A.T.D.C.	...	35½°
Engine sprocket, solo	... 24	Petrol tank, gallons (litres)	...	4 (18)
Engine sprocket, sidecar	... 21	Oil tank, pints (litres)	...	6 (3.4)
Carburetter (S.U.)	(Type MC2)	Weight, lbs. (dry) (kilos)	...	370 (168)
Jet needle	... M9			
Tappet clearance, cold				
ins. (mm)	... .010 (.25)			

\* When using low octane fuel (pool) reduce to  $\frac{3}{16}$  (8.0)



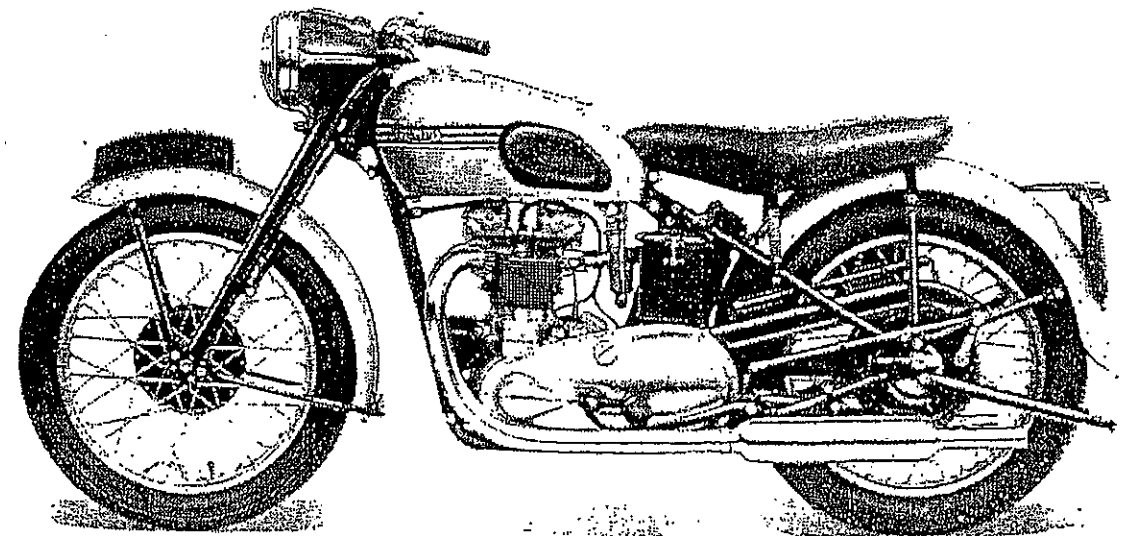
## TIGER 100



### SPECIFICATION

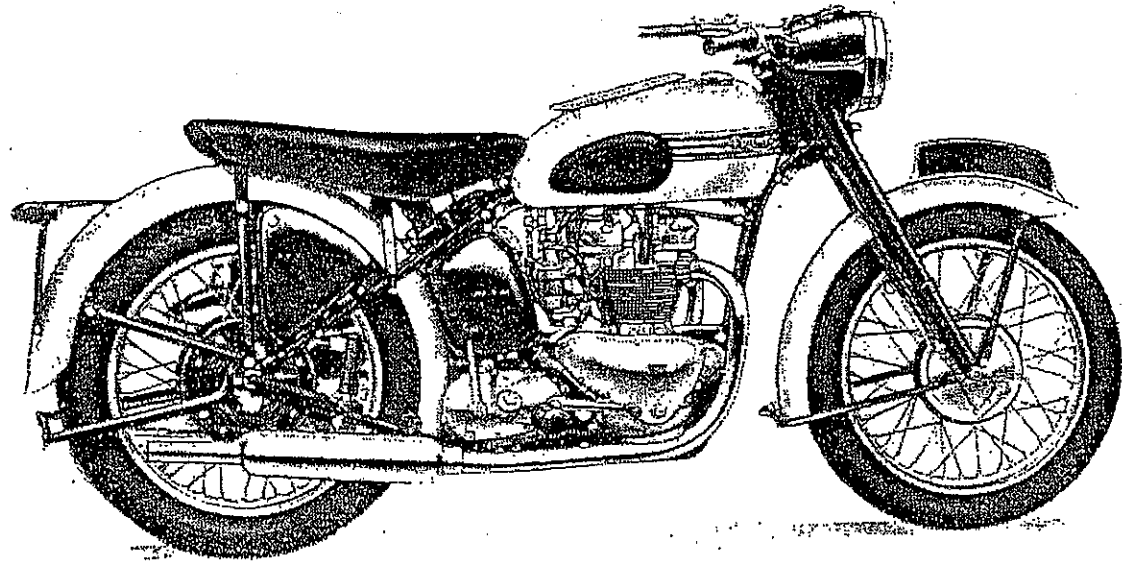
Bore and stroke, mm	... 63 × 80	Tappet clearance, cold	ins. (mm)	... .010 (.25)
Cylinder capacity		Ignition, fully advanced	ins. (mm)	... $\frac{1}{8}$ (9.5)
c/cm (cu. ins.)	... 498 (30.5)	Piston ring gap	ins. (mm)	.010-.014 (.25-.35)
Compression ratio	... 7.6:1†	Inlet valve opens, B.T.D.C.	...	26½°
Engine sprocket, solo	... 22	Exhaust valve closes, A.T.D.C.	...	35½°
Engine sprocket, sidecar	... 19	Petrol tank, gallons (litres)	...	4 (18)
Carburetter main jet (Amal)	... 150*	Oil tank, pints (litres)	...	6 (3.4)
Carburetter slide	... 6;3½	Weight lbs. (dry) (kilos)	...	355 (160)
Carburetter needle jet	... 107			

\*160 without air filter  
† 8.1 U.S.A.



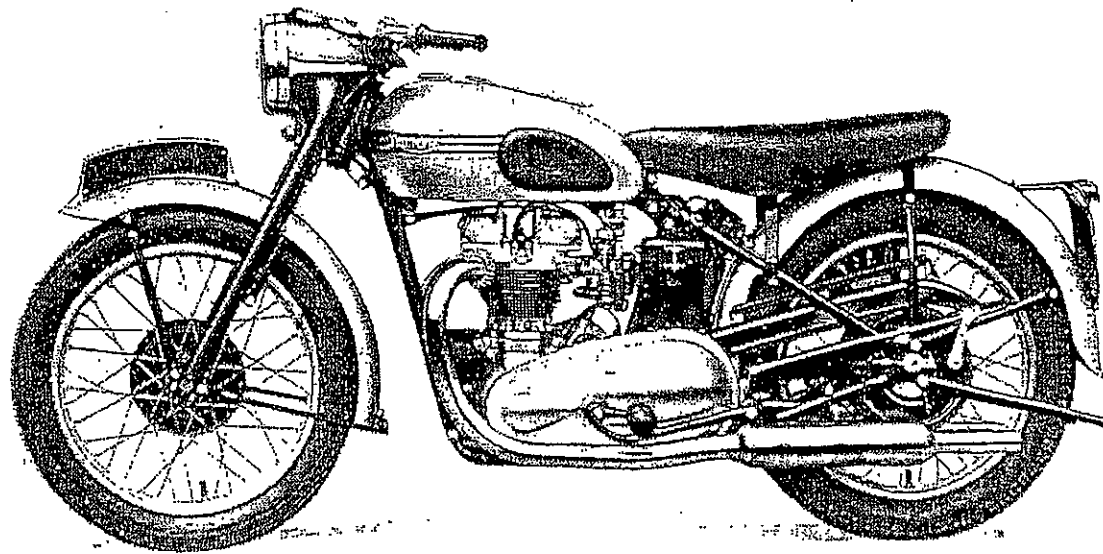


## TIGER 100c

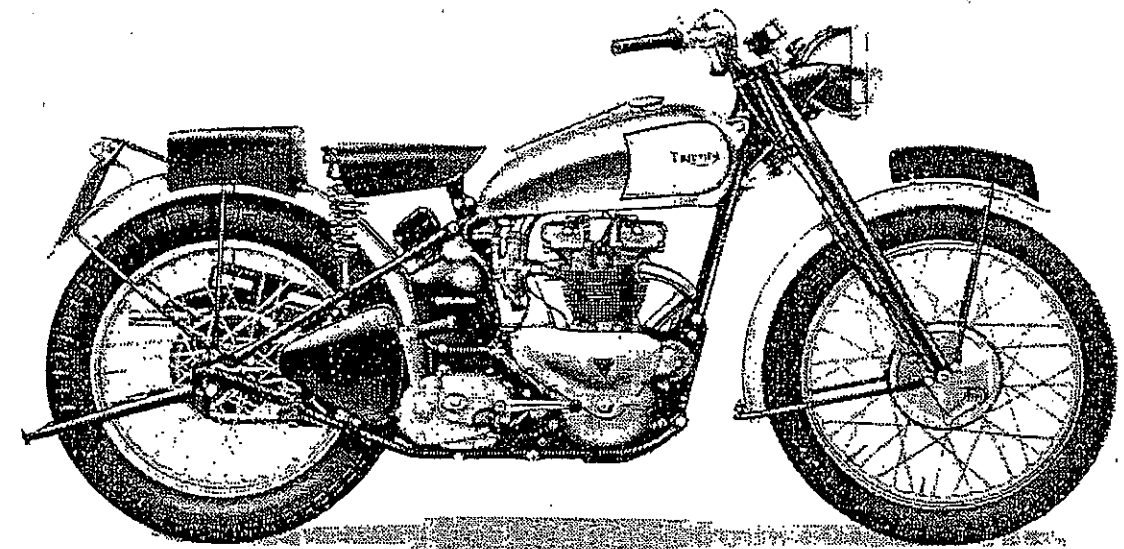


### SPECIFICATION

Bore and stroke, mm	... 63 x 80	Tappet clearance, cold	.002" in (.05)
Cylinder capacity		ins. (mm)	... .004" Ex (-10)
c/cm (cu. ins.)	... 498 (30.5)	Ignition, fully advanced	... 43°
Compression ratio	... 8 : 1	Piston ring gap	
Engine sprocket, solo	... .22	ins. (mm)	.010-.014 (.25-.35)
Engine Sprocket, sidecar...	... 19	Inlet valve opens, B.T.D.C.	... 57°
Carburetter main jets (Amal)	... 150	Exhaust valve closes, A.T.D.C.	... 57°
Carburetter slides	... 6/4	Petrol tank, gallons (litres)	4 (18)
Carburetter needle jet	... 107	Oil tank, pints (litres)	... 8 (4.5)
		Weight lbs. (dry) (kilos)	364 (165)

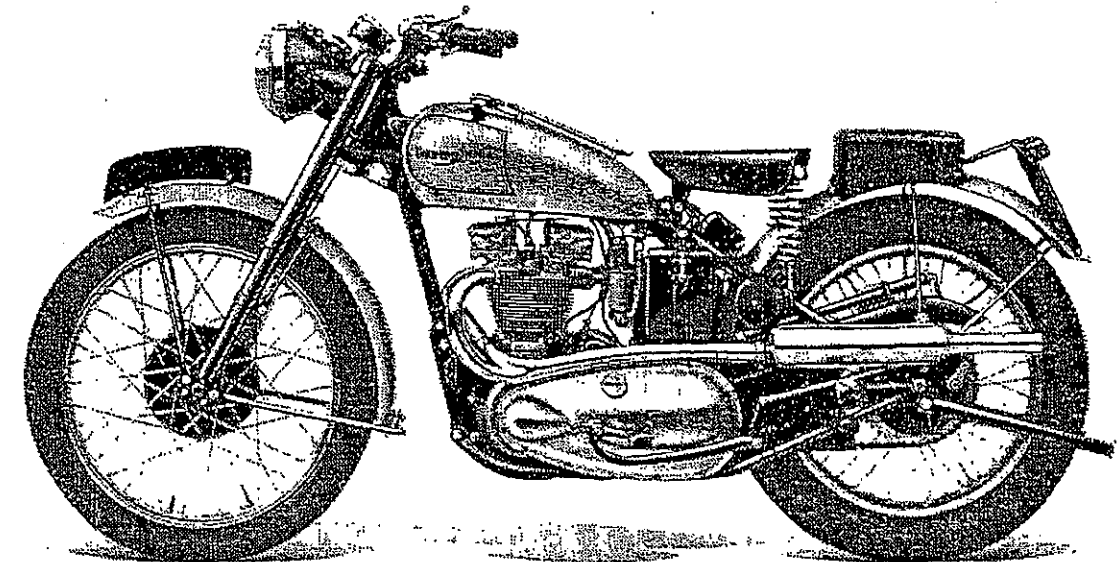


## TROPHY



### SPECIFICATION

Bore and stroke, mm	... 63 x 80	Ignition, fully advanced	
Cylinder capacity		ins. (mm)	... 9 (9.5)
c/cm. (cu. ins.)	... 498 (30.5)	Piston ring gap	
Compression ratio	... 6 : 1	ins. (mm)	... .010-.014 (.25-.35)
Engine sprocket	... 21	Inlet valve opens B.T.D.C.	... 26½°
Carburetter main jet (Amal)	... 150	Exhaust valve closes A.T.D.C.	... 35½°
Carburetter slide	... 6/3½	Petrol tank, gallons (litres)	2½ (11.4)
Carburetter needle jet	... 107	Oil tank, pints (litres)	... 6 (3.4)
Tappet clearance, cold		Weight lbs. (dry) (kilos)	295 (134)
ins. (mm)	... .010 (.25)		



## CARTON PACK COMPONENT LIST

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

Part No.	Description and Contents.	
<b>Brake Lining</b>		
CP.38	2 16	NW.243 Lining, brake W.129 Rivet
CP.66	2 16	W.631 Lining, brake W.129 Rivet
<b>Crankcase Bearing</b>		
CP.87	1 1	E.1591 Bearing, ball d/s E.2877 Bearing, roller t/s
<b>Fork (Telescopic) Service Pack</b>		
CP.50	2 2 2 4 2 2 2 2 2 2	H.443 Bearing, lower H.441 Bearing, upper E.1335 Washer, copper H.430 Washer, drain filler plug H.452 Restrictor, oil H.453 Cup, oil restrictor H.454 Pin, restrictor cup H.391 Washer, dust excluder felt H.420 Washer, outer cover felt
<b>Gears, Wide Ratio</b>		
CP.94	1 1 1 1 1	T.969 Gear, mainshaft high T.968 Gear, mainshaft 2nd T.971 Gear, layshaft high T.974 Gear, layshaft 2nd T.934 Gear, speedometer
<b>Gear, Close Ratio</b>		
CP.95	1 1 1 1 1 1 1 1	T.957 Gear, mainshaft high T.956 Gear, mainshaft 3rd T.955 Gear, mainshaft 2nd T.995 Gear, mainshaft and low T.959 Gear, layshaft high T.964 Gear, layshaft 3rd T.963 Gear, layshaft 2nd T.961 Gear, layshaft low

SEE SPECIMEN ORDER IN PREFACE

Part No. Description and Contents.

### Kickstarter Ratchet Gear

CP.27	1 1 1 1	T.730 T.731 T.488/28 T.732	Pinion, kickstarter Ratchet, kickstart Spring and sleeve Lockwasher
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### Pistons

CP.29	1 1 1 1 1 2	E.1563 E.656 E.3048 GE.29 WE.203E WE.479	Piston Ring, compression Ring, compression (Taper) Ring, scraper Pin, gudgeon Circlip
CP.29/10	1 1 1 1 1 2	E.1563/10 E.656/10 E.3048/10 GE.29/10 WE.203E WE.479	Piston +.010 inch Ring, compression Ring, compression (Taper) Ring, scraper Pin, gudgeon Circlip
CP.29/20	1 1 1 1 1 2	E.1563/20 E.656/20 E.3048/20 GE.29/20 WE.203E WE.479	Piston +.020 inch Ring, compression Ring, compression (Taper) Ring, scraper Pin, gudgeon Circlip
CP.29/40	1 1 1 1 1 2	E.1563/40 E.656/40 E.3048/40 GE.29/40 WE.203E WE.479	Piston +.040 inch Ring, compression Ring, compression (Taper) Ring, scraper Pin, gudgeon Circlip
CP.30	1 1 1 1 1 2	E.1908 E.656 E.3048 GE.29 WE.203E WE.479	Piston Ring, compression Ring, compression (Taper) Ring, scraper Pin, gudgeon Circlip

TREASURY NOTES MUST BE REGISTERED



Part No.	Description and Contents.		
CP.30/10	1	E.1908/10	Piston $+.010$ inch
	1	E.656/10	Ring, compression
	1	E.3048/10	Ring, compression (Taper)
	1	GE.29/10	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.30/20	1	E.1908/20	Piston $+.020$ inch
	1	E.656/20	Ring, compression
	1	E.3048/20	Ring, compression (Taper)
	1	GE.29/20	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.37	1	E.1969	Piston
	1	E.656	Ring, compression
	1	E.3048	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlips
CP.37/10	1	E.1969/10	Piston $+.010$ inch
	1	E.656/10	Ring, compression
	1	E.3048/10	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlips
CP.37/20	1	E.1969/20	Piston $+.020$ inch
	1	E.656/20	Ring, compression
	1	E.3048/20	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlips
CP.69	1	E.2671	Piston
	1	E.656	Ring, compression
	1	E.3048	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip

WHEN IN DOUBT SEND SAMPLE

Part No.	Description and Contents.		
CP.70	1	E.2489	Piston
	1	E.656	Ring, compression
	1	E.3048	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlips
CP.92	1	E.2884	Piston
	1	E.656	Ring, compression
	1	E.3048	Ring, compression (Taper)
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.98	1	E.2891	Piston
	1	E.2897	Ring, compression
	1	E.3049	Ring, compression (Taper)
	1	E.2898	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.98/10	1	E.2891/10	Piston $+.010$ inch
	1	E.2897/10	Ring, compression
	1	E.3049/10	Ring, compression (Taper)
	1	E.2898/10	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.98/20	1	E.2891/20	Piston $+.020$ inch
	1	E.2897/20	Ring, compression
	1	E.3049/20	Ring, compression (Taper)
	1	E.2898/20	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.98/40	1	E.2891/40	Piston $+.040$ inch
	1	E.2897/40	Ring, compression
	1	E.3049/40	Ring, compression (Taper)
	1	E.2898/40	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip

DO NOT FORGET TO SIGN YOUR ORDER

Part No.	Description and Contents.	
CP.108	1	E.3000 Piston
	1	E.2897 Ring, compression
	1	E.3049 Ring, compression (Taper)
	1	E.2898 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip
CP.109	1	E.3052 Piston
	1	E.656 Ring, compression
	1	E.3048 Ring, compression (Taper)
	1	GE.29 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip
CP.109/20	1	E.3052/20 Piston +.020 inch
	1	E.656/20 Ring, compression
	1	E.3048/20 Ring, compression (Taper)
	1	GE.29/20 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip
CP.115 (U.S.A. Only)	1	E.3098 Piston
	1	E.656 Ring, compression
	1	E.3048 Ring, compression (Taper)
	1	GE.29 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip
CP.115/10	1	E.3098/10 Piston +.010 inch
	1	E.656/10 Ring, compression
	1	E.3048/10 Ring, compression (Taper)
	1	GE.29/10 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip
CP.115/20	1	E.3098 Piston +.020 inch
	1	E.656/20 Ring, compression
	1	E.3048/20 Ring, compression (Taper)
	1	GE.29/20 Ring, scraper
	2	WE.203E Pin, gudgeon WE.479 Circlip

SEE SPECIMEN ORDER IN PREFACE

Part No.	Description and Contents.	
<b>Piston Rings</b>		
CP.40	2	E.656 Ring, compression
	2	E.3048 Ring, compression (Taper)
	2	GE.29 Ring, scraper
CP.40/10	2	E.656/10 Ring, compression
	2	E.3048/10 Ring, compression (Taper)
	2	GE.29/10 Ring, scraper
CP.40/20	2	E.656/20 Ring, compression
	2	E.3048/20 Ring, compression (Taper)
	2	GE.29/20 Ring, scraper
CP.40/40	2	E.656/40 Ring, compression
	2	E.3048/40 Ring, compression (Taper)
	2	GE.29/40 Ring, scraper
CP.99	2	E.2897 Ring, compression
	2	E.3049 Ring, compression (Taper)
	2	E.2898 Ring, scraper
CP.99/10	2	E.2897/10 Ring, compression
	2	E.3049/10 Ring, compression (Taper)
	2	E.2898/10 Ring, scraper
CP.99/20	2	E.2897/20 Ring, compression
	2	E.3049/20 Ring, compression (Taper)
	2	E.2898/20 Ring, scraper
CP.99/40	2	E.2897/40 Ring, compression
	2	E.3049/40 Ring, compression (Taper)
	2	E.2898/40 Ring, scraper

ALWAYS QUOTE ENGINE NUMBER AND PREFIX

Part No. Description and Contents.

**Mudguards**

CP.106 Racing Mudguard, Front (See Page 112)  
 CP.107 Racing Mudguard, Rear (See Page 112)

**Racing Kit**

CP.100 Racing Kit (See Page 106)  
 CP.101 Racing Kit (See Page 106)

**Spring Wheel Spring Set**

CP.67 1 W.837 Spring, inner main  
 1 W.836 Spring, outer main  
 1 W.890 Spring, rebound  
 2 W.941 Locator plate  
 2 W.658 Buffer

**Spring Wheel Slipper Pads**

CP.89 1 W.935 Pad, slipper (convex)  
 1 W.936 Pad, slipper (concave)  
 4 W.866 Shim .002" thick  
 2 W.867 Shim .003" thick

**Sidecar Connections**

CP.14 1 F.2587 Connection, front  
 1 F.2600 Bolt  
 2 F.1746 Nut, sleeved  
 1 F.2601 Connection, rear  
 2 F.1743 Stud  
 2 S.1-5 Nut  
 2 KF.365 Washer, spring  
 1 F.1747 Nut

**Steering Races**

CP.56 2 XS.10 Cup  
 1 H.433 Cone  
 1 XS.8 Cone  
 44 S.70-4 Ball

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID

Part No. Description and Contents.

CP.57 1 H.437 Cup  
 1 H.111 Cup  
 1 H.438 Cone  
 1 H.439 Cone  
 22 S.70-4 Ball  
 20 S.70-3 Ball

**Valves**

CP.6 2 E.1955 Valve, inlet  
 2 E.1956 Valve, exhaust

CP.96 2 E.2903 Valve, inlet  
 2 E.2904 Valve, exhaust

CP.103 2 E.2969 Valve, inlet  
 2 E.1956 Valve, exhaust

**Valve Guides**

CP.97 2 E.2899 Guide, inlet  
 2 E.2900 Guide, exhaust

**Valve Springs**

CP.5 4 E.1488 Spring, inner  
 4 E.1487 Spring, outer

CP.102 2 E.3001 Spring, valve inner  
 2 E.3002 Spring, valve outer

SEE SPECIMEN ORDER IN PREFACE

# REPLACEMENT PARTS

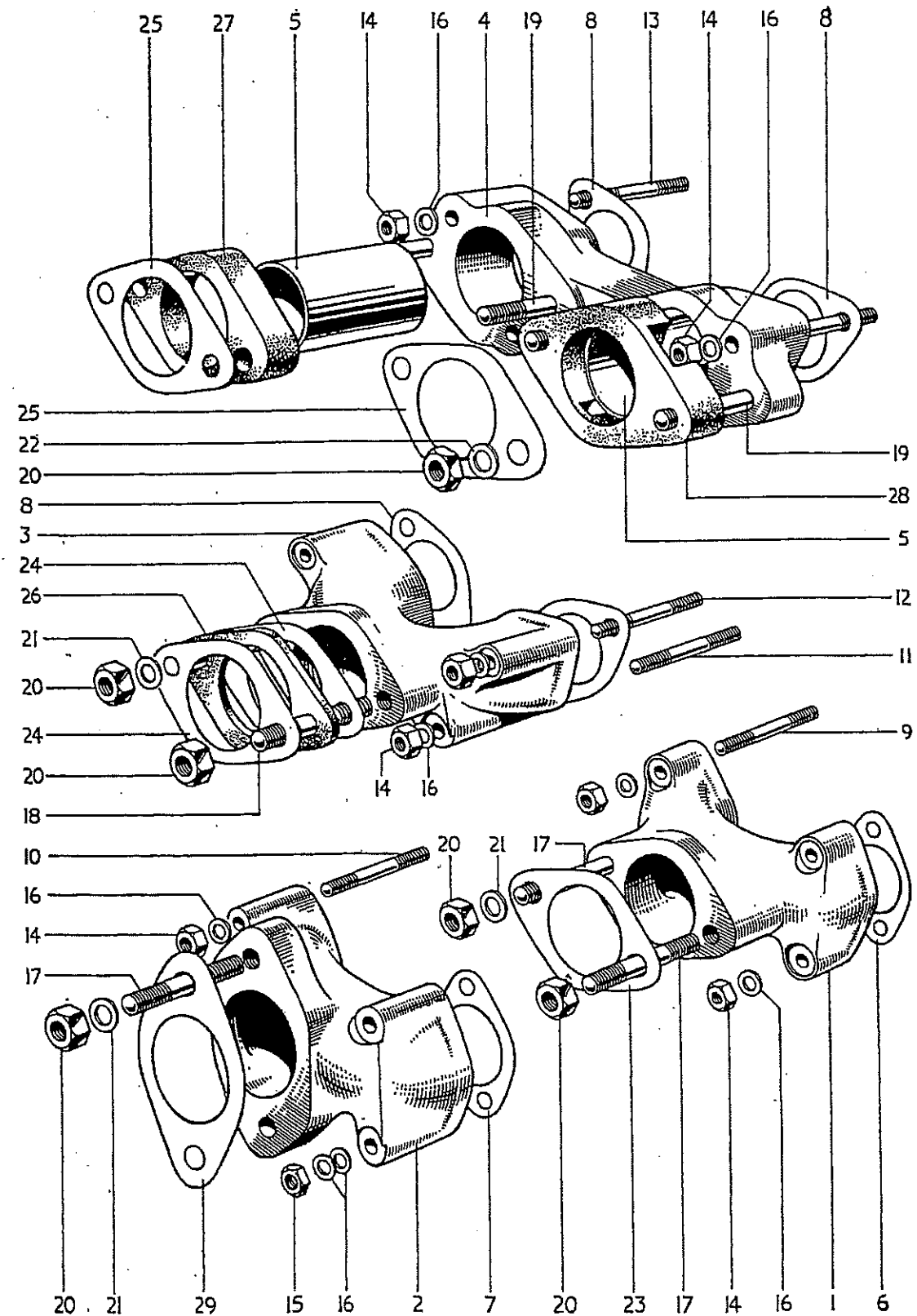
## ENGINE GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>CYLINDER BLOCK</b>							
1	E2927	Block, cylinder ... ..	1	—	—	—	—
2	E2895	" " " " " " " " " "	—	1	—	—	—
3	E2958	" " " " " " " " " "	—	—	1	1	1
4	E2249	Washer, cylinder base ... ..	1	—	1	1	1
5	E2894	" " " " " " " " " "	—	1	—	—	—
<b>CYLINDER HEAD</b>							
6	E2928	Head, cylinder c/w guides ... ..	1	—	—	—	—
7	E2896	" " " " " " " " " "	—	1	—	—	—
8	E3021	" " " " " " " " " "	—	—	1	—	—
9	E3005	" " " " " " " " " "	—	—	—	1	1
10	E2961	Adaptor, exhaust pipe ... ..	—	—	—	2	2
11	E2248	Gasket, cylinder head ... ..	1	—	—	—	—
12	E2905	" " " " " " " " " "	—	1	—	—	—
13	E3003	" " " " " " " " " "	—	—	1	1	1
14	E327	Bolt, cylinder head short ... ..	4	4	—	—	—
15	E1484	" " " " medium ... ..	2	2	—	—	—
16	E1596	" " " " long ... ..	2	2	—	—	—
17	E1596A	" " " " (torque) ... ..	—	—	—	2	2
18	E2873	" " " " short ... ..	—	—	4	4	4
19	E2874	" " " " long ... ..	—	—	4	2	2
20	GS308	Washer, cylinder head bolt ... ..	4	4	—	—	—
21	F2184	" " " " " " " " " "	—	—	7	8	8
<b>INLET MANIFOLD</b>							
22	E1456	Manifold, inlet ... ..	1	—	—	—	—
23	E3074	" " " " " " " " " "	—	1	—	—	—
24	E2991	" " " " " " " " " "	—	—	1	—	—
25	E2991T	" " " " " " " " " "	—	—	—	1	—

## INLET MANIFOLD GROUP INDEX TO ILLUSTRATION ON PAGE 21

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E.1456	20	22	15	F.879	22	12
2	E.3074	20	23	16	S.25-13	22	13
3	E.2991	20	24	17	E.1553	22	14
	E.2991T	20	25	18	E.2962	22	15
4	E.3006	22	1	19	E.2674	22	16
5	E.3009	22	2	20	S.1-51	22	17
6	E.1552	22	3	21	S.25-3	22	18
7	E.1676	22	4	22	E.2728	22	19
8	E.2967	22	5	23	NA.43	22	20
9	E.1554	22	6	24	NA.43A	22	21
10	E.2920	22	7	25	E.2618	22	22
11	E.2972	22	8	26	E.2968	22	23
12	E.2973	22	9	27	E.3007	22	24
13	E.3004	22	10	28	E.3008	22	25
14	W.103	22	11	29	E.3075	22	26

WHEN IN DOUBT SEND SAMPLE



INLET MANIFOLDS

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	E3006	Flange, inlet	—	—	—	—	1
2	E3009	Sleeve, " flange	—	—	—	—	1
3	E1552	Washer, inlet manifold joint	2	—	—	—	—
4	E1676	" " " "	—	2	—	—	—
5	E2967	" " " "	—	—	2	2	2
6	E1554	Stud, inlet manifold to head	4	—	—	—	—
7	E2920	" " " " "	—	4	—	—	—
8	E2972	" " " " " long	—	—	2	2	—
9	E2973	" " " " " short	—	—	2	2	—
10	E3004	" " " flange to head	—	—	—	—	4
11	W103	Nut, inlet manifold to head	4	3	4	4	4
12	F879	" " " " "	—	1	—	—	—
13	S25-13	Washer, inlet manifold to head	4	5	4	4	—
14	E1553	Stud, carburetter fixing	2	2	—	—	—
15	E2962	" " " " "	—	—	2	2	—
16	E2674	" " " " "	—	—	—	—	4
17	S1-51	Nut, " " " "	2	2	2	2	4
18	S25-3	Washer, " " " "	1	2	1	1	—
19	E2728	" inlet flange to head	—	—	—	—	4
20	NA43	" carburetter flange	1	—	—	—	—
21	NA43A	" " " "	—	—	1	1	—
22	E2618	Washer, carburetter flange	—	—	—	—	2
23	E2968	Block, insulating	—	—	1	—	—
24	E3007	Distance Piece, carburetter L/H	—	—	—	—	1
25	E3008	" " " " R/H	—	—	—	—	1
26	E3075	Washer, carburetter flange	—	1	—	—	—

VALVES, GUIDES AND SPRINGS

27	E1955	Valve, inlet	2	—	—	—	—
28	E2903	" " " "	—	2	—	—	—
29	E2969	" " " "	—	—	2	2	2
30	E1956	Valve, exhaust	2	—	2	2	2
31	E2904	" " " "	—	2	—	—	—
32	E2899	Guide, inlet valve	2	2	2	2	2
33	E2900	" exhaust valve	2	2	2	2	2
34	E1488	Spring, inner valve	4	4	4	4	4
35	E1487	Spring, outer valve	4	4	4	4	4
36	E1543	Collar, valve spring top	4	4	4	4	4
37	E1544	Cup, valve spring bottom	4	4	4	4	4
38	WE259A	Cotter, valve split	8	8	8	8	8

PISTONS, RINGS, Etc.

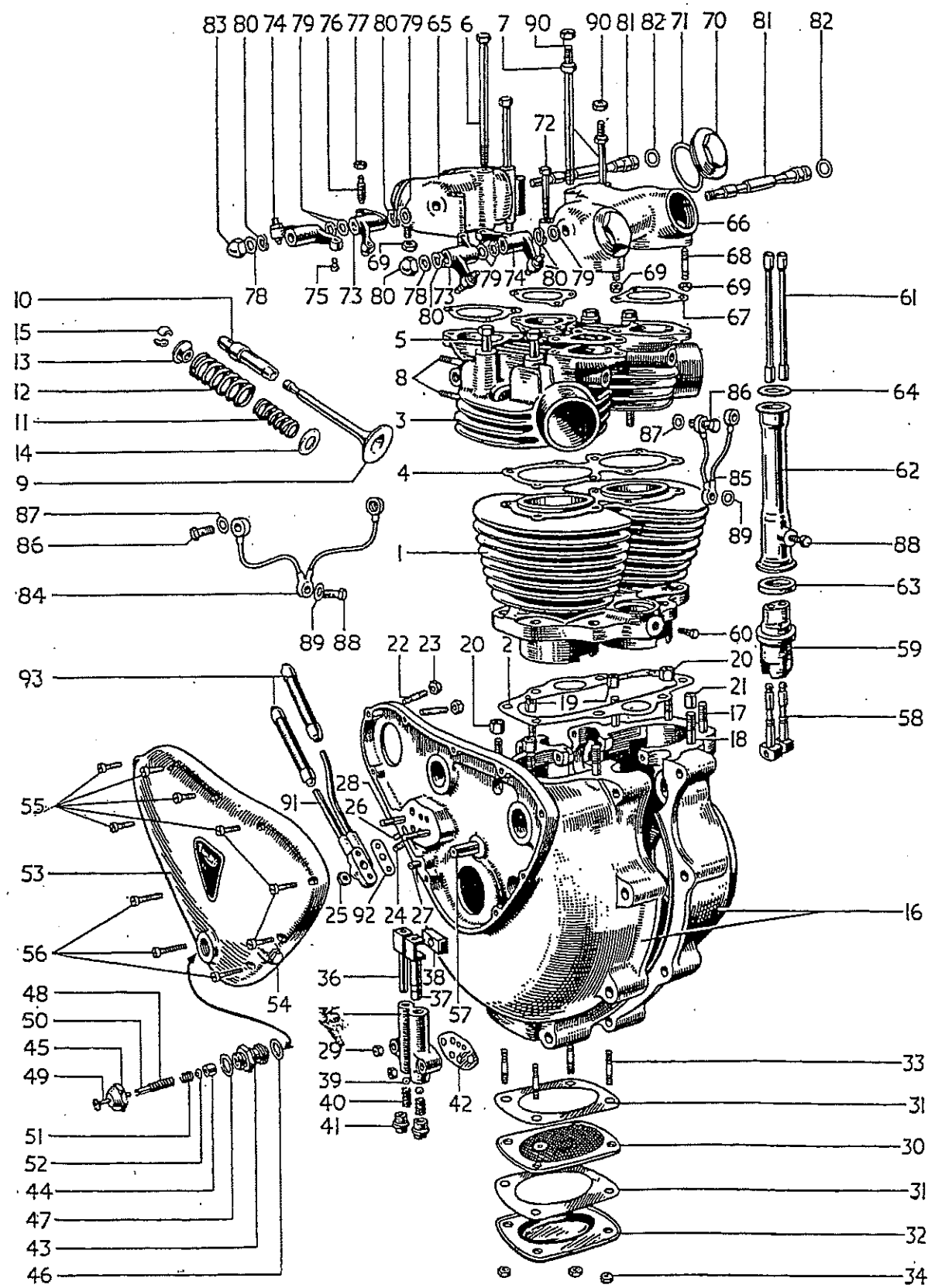
39	E1563	Piston body, standard CR7:1	2	—	—	—	—
40	E1563/10	" " +.010" "	2	—	—	—	—
41	E1563/20	" " +.020" "	2	—	—	—	—
42	E1563/40	" " +.040" "	2	—	—	—	—

SEE SPECIMEN ORDER IN PREFACE

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	E2891	Piston body, standard	—	2	—	—	—
2	E2891/10	" " +.010" "	—	2	—	—	—
3	E2891/20	" " +.020" "	—	2	—	—	—
4	E2891/40	" " +.040" "	—	2	—	—	—
5	E3000	" " standard CR8.5:1	—	2	—	—	—
6	E3000/10	" " +.010" "	—	2	—	—	—
7	E3000/20	" " +.020" "	—	2	—	—	—
8	E3000/40	" " +.040" "	—	2	—	—	—
9	E1969	" " standard CR6:1	—	—	2	—	—
10	E1969/10	" " +.010" "	—	—	2	—	—
11	E1969/20	" " +.020" "	—	—	2	—	—
12	E3052	" " standard CR5:1	—	—	2	—	—
13	E3052/10	" " +.010" "	—	—	2	—	—
14	E3052/20	" " +.020" "	—	—	2	—	—
15	E1908	" " standard CR7.6:1	—	—	—	2	2
16	E1908/10	" " +.010" "	—	—	—	2	2
17	E1908/20	" " +.020" "	—	—	—	2	2
18	*E3098	" " standard CR8:1	—	—	—	2	2
19	*E3098/10	" " +.010" "	—	—	—	2	2
20	*E3098/20	" " +.020" "	—	—	—	2	2
21	E656	Ring, piston compression standard	2	—	2	2	2
22	E656/10	" " " —.010"	2	—	2	2	2
23	E656/20	" " " —.020"	2	—	2	2	2
24	E656/40	" " " —.040"	2	—	—	—	—
25	E3048	" " " standard (Taper)	2	—	2	2	2
26	E3048/10	" " " —.010"	2	—	2	2	2
27	E3048/20	" " " —.020"	2	—	2	2	2
28	E3048/40	" " " —.040"	2	—	—	—	—
29	E2897	Ring, piston compression standard	—	2	—	—	—
30	E2897/10	" " " —.010"	—	2	—	—	—
31	E2897/20	" " " —.020"	—	2	—	—	—
32	E2897/40	" " " —.040"	—	2	—	—	—
33	E3049	" " " standard (Taper)	—	2	—	—	—
34	E3049/10	" " " —.010"	—	2	—	—	—
35	E3049/20	" " " —.020"	—	2	—	—	—
36	E3049/40	" " " —.040"	—	2	—	—	—
37	GE29	" " scraper standard	2	—	2	2	2
38	GE29/10	" " " —.010"	2	—	2	2	2
39	GE29/20	" " " —.020"	2	—	2	2	2
40	GE29/40	" " " —.040"	2	—	—	—	—
41	E2898	" " " standard	—	2	—	—	—
42	E2898/10	" " " —.010"	—	2	—	—	—
43	E2898/20	" " " —.020"	—	2	—	—	—
44	E2898/40	" " " —.040"	—	2	—	—	—
45	WE203E	Pin, gudgeon	2	2	2	2	2
46	WE479	Circlip, gudgeon pin	4	4	4	4	4

\*Fitted standard to T100 Machines supplied to the U.S.A.

SEE PAGES 12-19 FOR CARTON PACKS

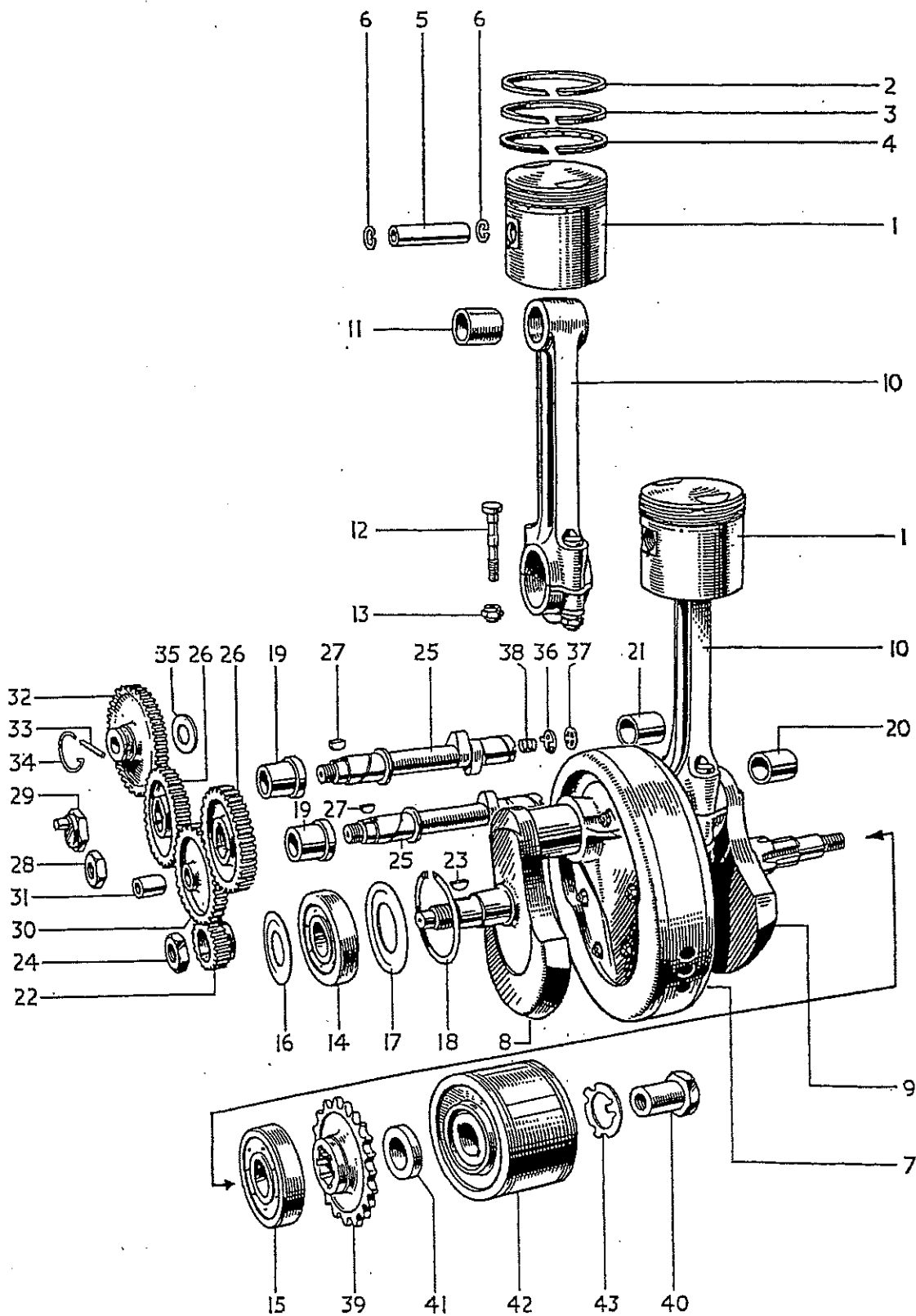


ENGINE 5T—CRANKCASE, CYLINDER BLOCK,  
CYLINDER HEAD, ETC.

5T MODEL  
INDEX TO ILLUSTRATION ON PAGE 24

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E.2927	20	1	47	GS254	42	10
2	E.2249	20	4	48	E2788	42	11
3	E.2928	20	6	49	E2791	42	12
4	E.2248	20	11	50	E2793	42	13
5	E.327	20	14	51	E2789	42	14
6	E.1484	20	15	52	E2792	42	15
7	E.1596	20	16	53	E3110	42	16
8	E.1554	22	6	54	E2615	42	26
9	E.1955	22	27	55	E427	42	28
	E.1956	22	30	56	E1049	42	29
10	E.2899	22	32	57	E375	43	3
	E.2900	22	33	58	E3059	43	17
11	E.1488	22	34	59	E1477	43	18
12	E.1487	22	35	60	H200	43	21
13	E.1543	22	36	61	E1693	43	23
14	E.1544	22	37	62	E1505	43	25
15	WE.259A	22	38	63	E1496	43	28
16	E.2220A/3109	40	20	64	E1497	43	29
17	E.672	40	23	65	E1461T	43	30
18	E.1614	40	24	66	E1462T	43	31
19	W.76	40	25	67	E1650	43	32
20	PO.172A	40	26	68	E1540	43	33
21	E.1534A	40	29	69	F879	44	2
22	E.2022	40	32	70	E1564	44	4
23	F.1008	40	33	71	E1577	44	5
24	E.1539	40	35	72	E1545	44	6
25	SI.51	40	36	73	E1457	44	9
26	E.1532	41	2	74	E1458	44	10
27	E.1535	41	3	75	E1483	44	11
28	E.1536	41	4	76	E1513	44	12
29	F.879	41	5	77	E470	44	13
30	E.529	41	10	78	E1330	44	14
31	E.487	41	11	79	E1575	44	15
32	E.486	41	12	80	E1574	44	16
33	E.1540	41	13	81	E1512	44	17
34	F.879	41	15	82	E3136	44	18
35	GS.35	41	32	83	E1435	44	19
36	GS.153	41	33	84	GS272	44	24
37	E.1476	41	34	85	GS273	44	25
38	E.495	41	35	86	E1601	44	26
39	S70.7	42	1	87	E1335	44	28
40	E403	42	2	88	E984	44	29
42	E2360	42	3	89	F1880	44	30
42	E1537	42	4	90	SI.52	57	36
43	E2794	42	6	91	E1526	89	25
44	GS251	42	7	92	E1529	89	28
45	E2790	42	8	93	MF119	89	31
46	E1670	42	9				



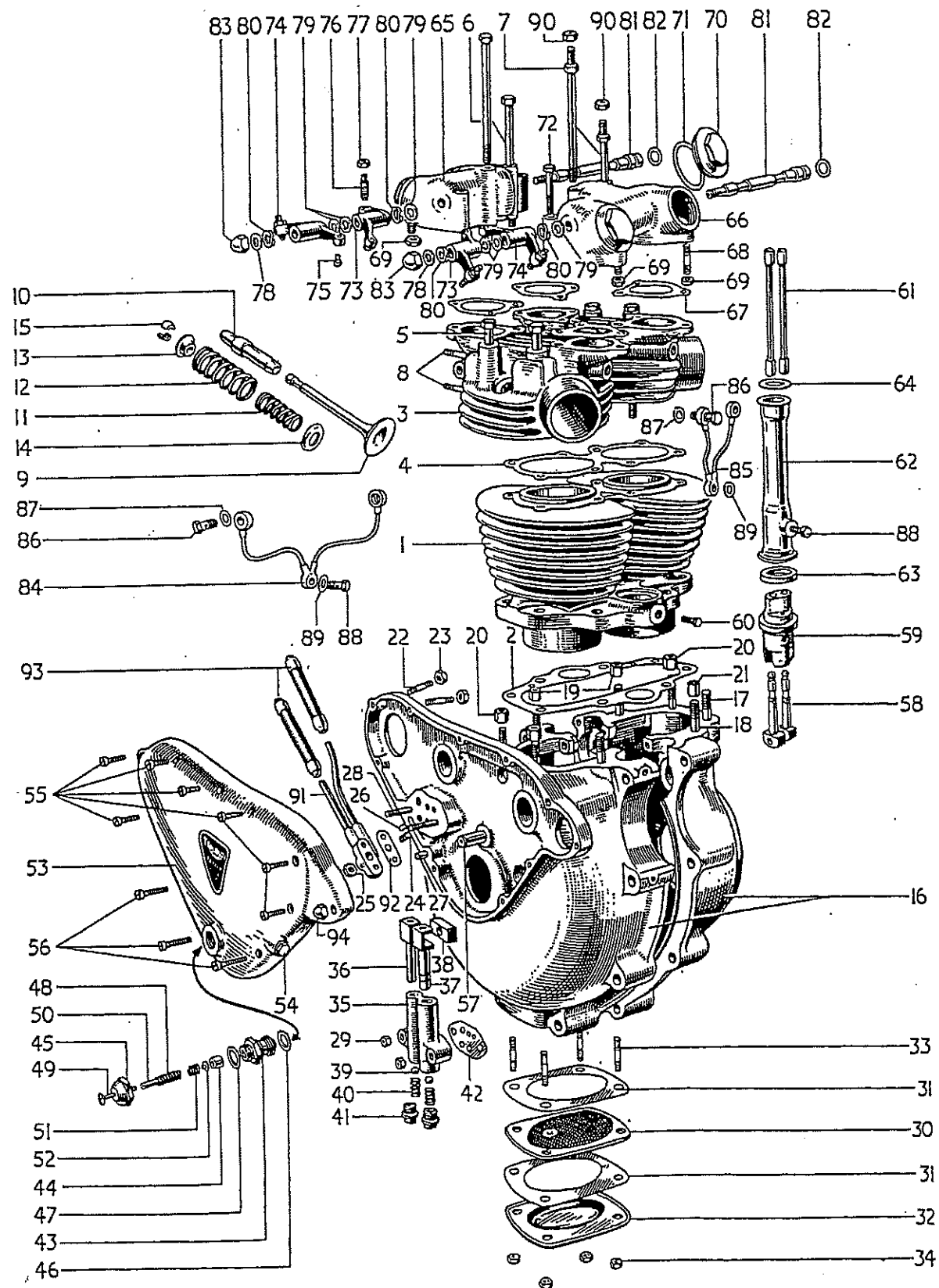


ENGINE 5T—CRANKSHAFT, CONNECTING RODS, PISTONS,  
TIMING GEAR, ETC.

5T MODEL  
INDEX TO ILLUSTRATION ON PAGE 26

Illust. No.	Part No.	Page No.	Ref. No.
1	E1563	22	39
2	E656	23	21
3	E3048	23	25
4	GE29	23	37
5	WE203E	23	45
6	WE479	23	46
7	E2918	40	4
8	E2915	40	7
9	E3112	40	9
10	E2921	40	15
11	E1511	40	17
12	E2490A	40	18
13	E2922	40	19
14	E2877	41	16
15	E1591	41	17
16	E2883	41	18
17	E2296	41	19
18	E489	41	20
19	E1479	41	21
20	E1516	41	22
21	E2260	41	23
22	E1472	42	30
23	E1580	42	31
24	E398	42	32
25	E3275	42	33
26	E1486A	42	35
27	E1558	42	36
28	E1492	42	37
29	E1463	42	38
30	E1471	43	1
31	E400	43	2
32	E3123	43	4
33	E3125	43	5
34	E3126	43	6
35	146460	43	7
36	E2254	43	12
37	GS87	43	13
38	E2256	43	14
39	E3108	44	32
40	E3117	45	7
41	E3116	45	10
42*	465674	132	1
43	465672	132	3

\*Rotor and stator sold as one assembly only.



ENGINE 6T—CRANKCASE, CYLINDER BLOCK, CYLINDER HEAD, ETC.

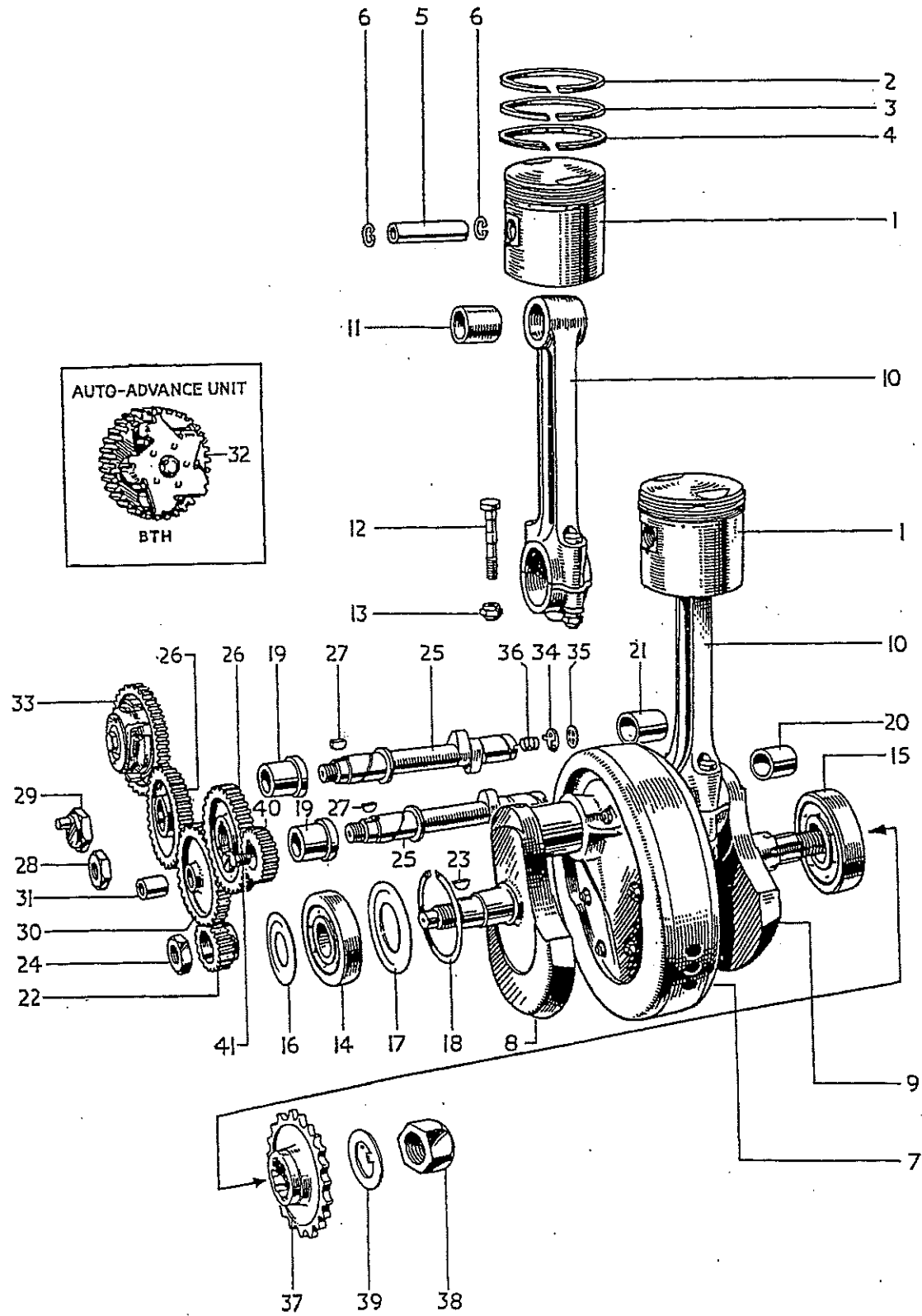
6T MODEL  
INDEX TO ILLUSTRATION ON PAGE 28

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E2895	20	2	47	GS254	42	10
2	E2894	20	5	48	E2788	42	11
3	E2896	20	7	49	E2791	42	12
4	E2905	20	12	50	E2793	42	13
5	E327	20	14	51	E2789	42	14
6	E1484	20	15	52	E2792	42	15
7	E1596	20	16	53	E2218/6T	42	17
8	E2920	22	7	54	E2615	42	26
9	E2903	22	28	55	E427	42	28
	E2904	22	31	56	E1049	42	29
10	E2899(In)	22	32	57	E375	43	3
	E2900(Ex)	22	33	58	E3059	43	17
11	E1488	22	34	59	E1477	43	18
12	E1487	22	35	60	H200	43	21
13	E1543	22	36	61	E1693	43	23
14	E1544	22	37	62	E1505	43	25
15	WE259A	22	38	63	E1496	43	28
16	E2892/3	40	22	64	E1497	43	29
17	E672	40	23	65	E1461T	43	30
18	E1614	40	24	66	E1462T	43	31
19	W76	40	25	67	E1650	43	32
20	PO172A	40	26	68	E1540	43	33
21	E1534A	40	29	69	F879	44	2
22	E2022	40	32	70	E1564	44	4
23	F1008	40	33	71	E1577	44	5
24	E1539	40	35	72	E1545	44	6
25	SI.51	40	36	73	E1457	44	9
26	E1532	41	2	74	E1458	44	10
27	E1535	41	3	75	E1483	44	11
28	E1536	41	4	76	E1513	44	12
29	F879	41	5	77	E470	44	13
30	E529	41	10	78	E1330	44	14
31	E487	41	11	79	E1575	44	15
32	E486	41	12	80	E1574	44	16
33	E1540	41	13	81	E1512	44	17
34	F879	41	15	81	E3136	44	18
35	GS35	41	32	83	E1435	44	19
36	GS153	41	33	84	GS272	44	24
37	E1476	41	34	85	GS273	44	25
38	E495	41	35	86	E1601	44	26
39	S70-7	42	1	87	E1335	44	28
40	E403	42	2	88	E984	44	29
41	E2360	42	3	89	F1880	44	30
42	E1537	42	4	90	SI.52	57	36
43	E2794	42	6	91	E1526	89	25
44	GS251	42	7	92	E1529	89	28
45	E2790	42	8	93	MF119	89	31
46	E1670	42	9	94	E2228	127	24

6T MODEL

INDEX TO ILLUSTRATION ON PAGE 30

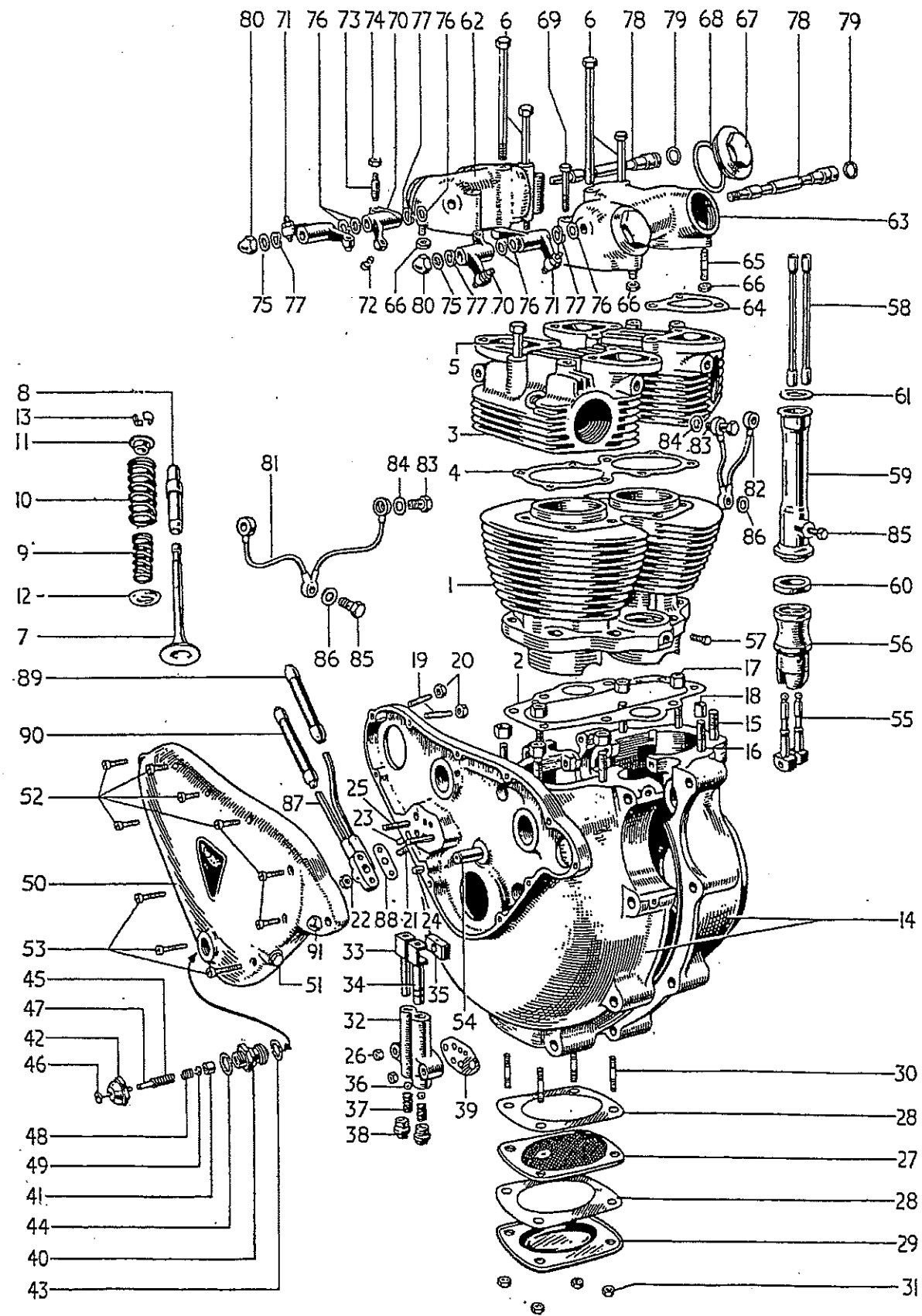
Illust. No.	Part No.	Page No.	Ref. No.
1	E2891	23	1
2	E2897	23	29
3	E3049	23	33
4	E2898	23	41
5	WE203E	23	45
6	WE479	23	46
7	E2908	40	5
8	E2902	40	8
9	E2901	40	10
10	E2921	40	15
11	E1511	40	17
12	E2490A	40	18
13	E2922	40	19
14	E2877	41	16
15	E1591	41	17
16	E2883	41	18
17	E2296	41	19
18	E489	41	20
19	E1479	41	21
20	E1516	41	22
21	E2260	41	23
22	E1472	42	30
23	E1580	42	31
24	E398	42	32
25	E3275	42	33
26	E1486A	42	35
27	E1558	42	36
28	E1492	42	37
29	E1463	42	38
30	E1471	43	1
31	E400	43	2
32	E1992	43	8
33	47502A	43	9
34	E2254	43	12
35	GS87	43	13
36	E2256	43	14
37	E3108	44	34
38	E3121	45	9
39	E3131	45	13
40	E2451	127	21
41	111700	127	22



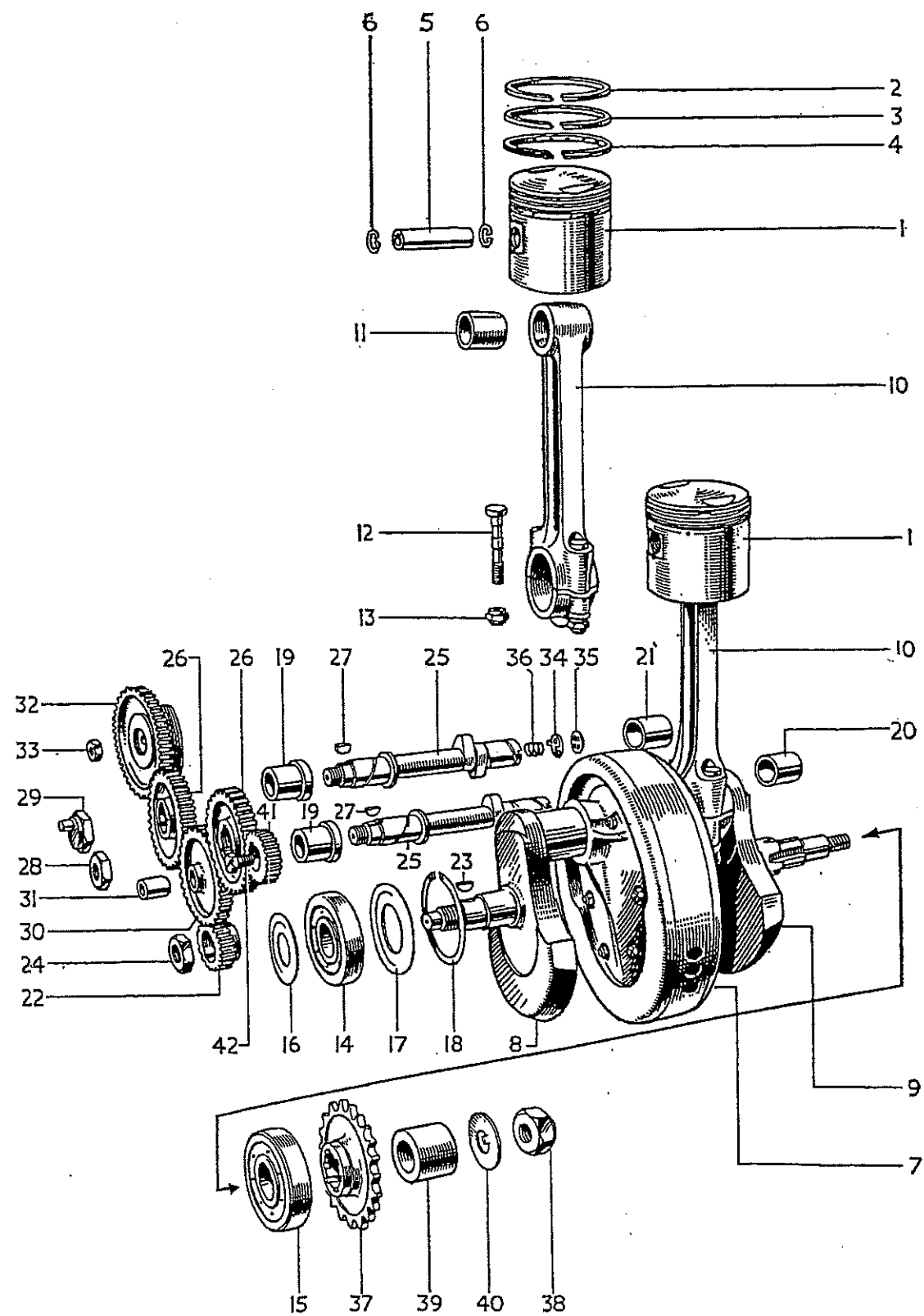
ENGINE 6T—CRANKSHAFT, CONNECTING RODS, PISTONS, TIMING GEAR, ETC.

**TR5 MODEL**  
**INDEX TO ILLUSTRATION ON PAGE 32**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E2958	20	3	46	E2791	42	12
2	E2249	20	4	47	E2793	42	13
3	E3021	20	8	48	E2789	42	14
4	E3003	20	13	49	E2792	42	15
5	E2873	20	18	50	E2218/TR5	42	18
6	E2874	20	19	51	E2615	42	26
7	E2969	22	29	52	E427	42	28
	E1956	22	30	53	E1049	42	29
8	E2899	22	32	54	E375	43	3
	E2900	22	33	55	E3059	43	17
9	E1488	22	34	56	E2803	43	19
10	E1487	22	35	57	H200	43	21
11	E1543	22	36	58	E2620	43	24
12	E1544	22	37	59	E2804	43	26
13	WE259A	22	38	60	E2425	43	27
14	E2219/20A	40	21	61	E1497	43	29
15	E672	40	23	62	E1461T	43	30
16	E1614	40	24	63	E1462T	43	31
17	E2412	40	27	63	E1650	43	32
18	E1534A	40	29	65	E2980	44	1
19	E2022	40	32	66	F879	44	2
20	F1008	40	33	67	E1564	44	4
21	E1539	40	35	68	E1577	44	5
22	S1-51	40	36	69	E2982	44	7
23	E1532	41	2	70	E1457	44	9
24	E1535	41	3	71	E1458	44	10
25	E1536	41	4	72	E1483	44	11
26	F879	41	5	73	E1513	44	12
27	E529	41	10	74	E470	44	13
28	E487	41	11	75	E1330	44	14
29	E486	41	12	76	E1575	44	15
30	E1540	41	13	77	E1574	44	16
31	F879	41	15	78	E1512	44	17
32	GS35	41	32	79	E3136	44	18
33	GS153	41	33	80	E1435	44	19
34	E1476	41	34	81	GS272	44	24
35	E495	41	35	82	GS273	44	25
36	S70-7	42	1	83	E2767	44	27
37	E403	42	2	84	E1335	44	28
38	E2360	42	3	85	E984	44	29
39	E1537	42	4	86	F1880	44	30
40	E2794	42	6	87	E2799	89	26
41	GS251	42	7	88	E1529	89	28
42	E2790	42	8	89	MF119	89	31
43	E1670	42	9	90	MF119A	89	32
44	GS254	42	10	91	E2228	127	24
45	E2788	42	11				



**ENGINE TR5—CRANKCASE, CYLINDER BLOCK, CYLINDER HEAD, ETC.**

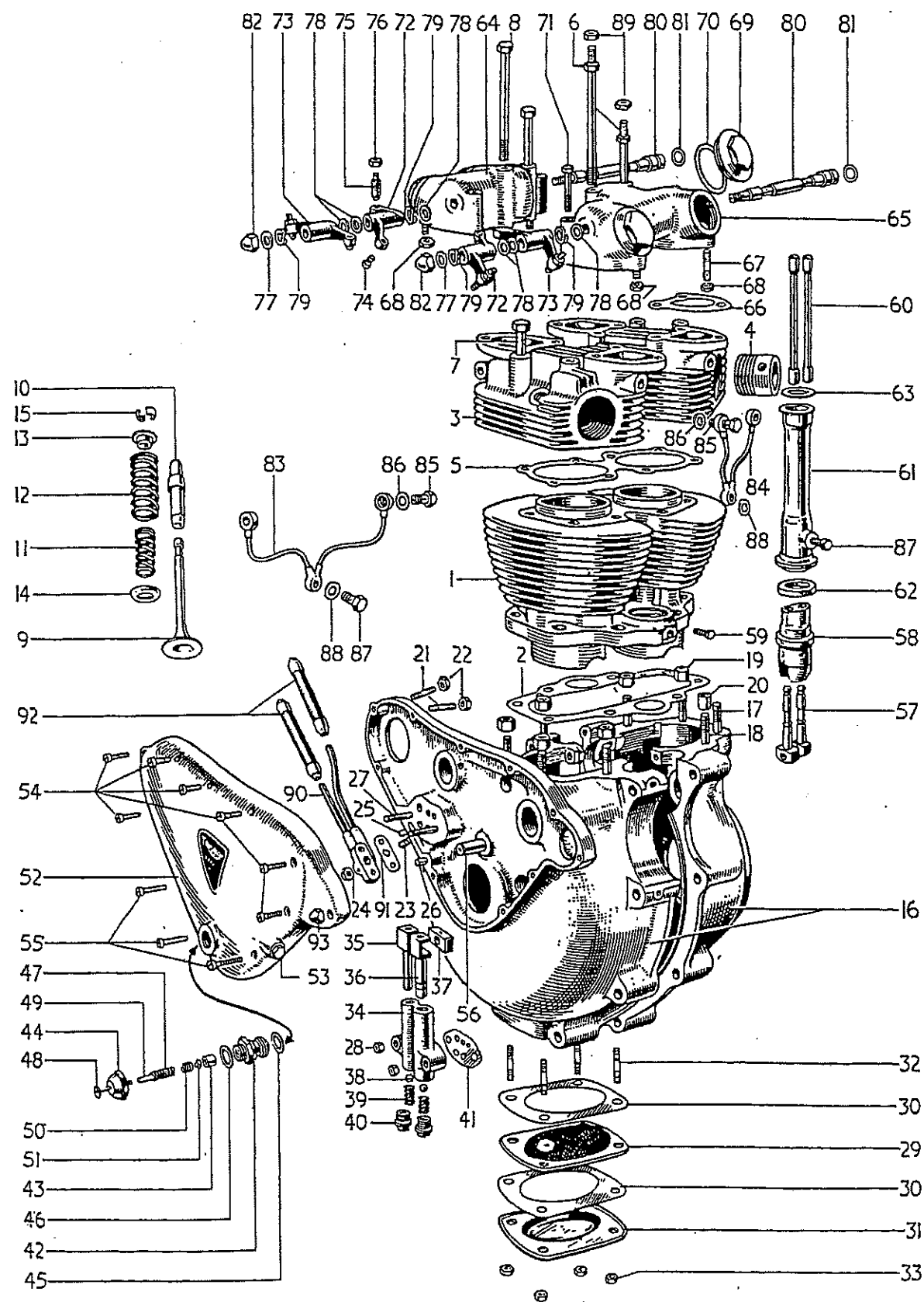


ENGINE TR5—CRANKSHAFT, CONNECTING RODS, PISTONS,  
TIMING GEAR, ETC.

TR5 MODEL

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Illust. No.	Part No.	Page No.	Ref. No.
1	E1969	23	9
	E3052	23	12
2	E656	23	21
3	E3048	23	25
4	GE29	23	37
5	WE203E	23	45
6	WE479	23	46
7	E2918	40	4
8	E2915	40	7
9	E3112	40	9
10	E2921	40	15
11	E1511	40	17
12	E2490A	40	18
13	E2922	40	19
14	E2877	41	16
15	E1591	41	17
16	E2883	41	18
17	E2296	41	19
18	E489	41	20
19	E1479	41	21
20	E1516	41	22
21	E2260	41	23
22	E1472	42	30
23	E1580	42	31
24	E398	42	32
25	E3275	42	33
26	E1486A	42	35
27	E1558	42	36
28	E1492	42	37
29	E1463	42	38
30	E1471	43	1
31	E400	43	2
32	E2741	43	10
33	K164	43	11
34	E2254	43	12
35	GS87	43	13
36	E2256	43	14
37	E3108	44	35
38	E3120	45	8
39	E3118	45	11
40	E3119	45	12
41	E2451	127	21
42	111700	127	22



ENGINE T100 AND T100C—CRANKCASE, CYLINDER BLOCK,  
CYLINDER HEAD, ETC.

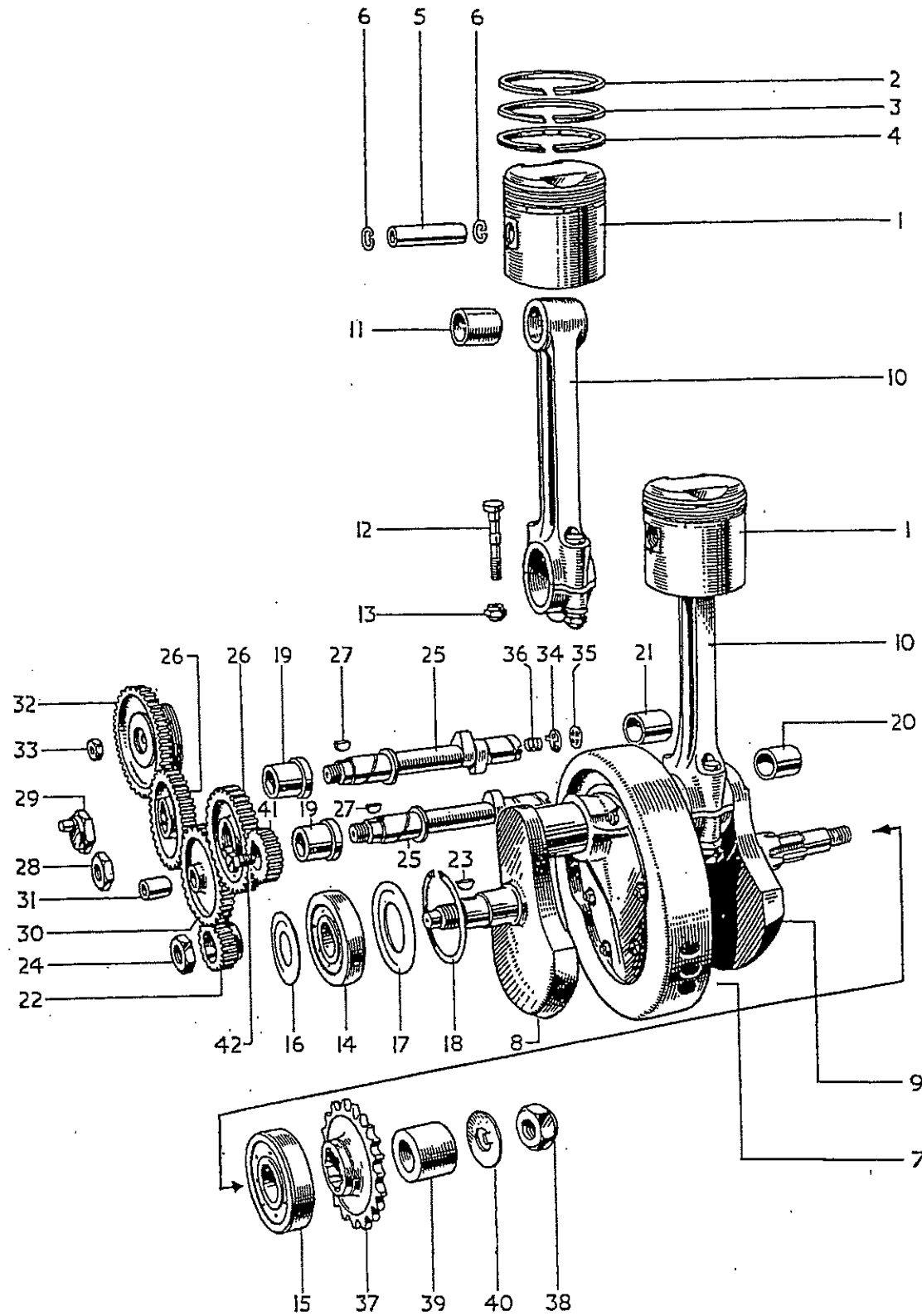
T100 AND T100C MODELS  
INDEX TO ILLUSTRATION ON PAGE 36

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E2958	20	3	48	E2791	42	12
2	E2249	20	4	49	E2793	42	13
3	E3005	20	9	50	E2789	42	14
4	E2961	20	10	51	E2792	42	15
5	E3003	20	13	52	E2218 T100	42	19
6	E1596A	20	17	52	E2615	42	26
7	E2873	20	18	54	E427	42	28
8	E2874	20	19	55	E1049	42	29
9	E2969(IN)	22	29	56	E375	43	3
	E1956(EX)	22	30	57	E3059	43	17
10	E2899	22	32	58	GS36	43	20
	E2900	22	33	59	H200	43	21
11	E1488	22	34	50	E2620	43	24
12	E1487	22	35	61	E1505	43	25
13	E1543	22	36	62	E1496	43	28
14	E1544	22	37	63	E1497	43	29
15	WE259A	22	38	64	E1461T	43	30
16	E2219/20A	40	21	65	E1462T	43	31
17	E672	40	23	66	E1650	43	32
18	E1614	40	24	67	E2980	44	1
19	E2412	40	27	68	F879	44	2
20	E1534A	40	29	69	E1564	44	4
21	E2022	40	32	70	E1577	44	5
22	F1008	40	33	71	E2982	44	7
23	E1539	40	35	72	E1457	44	9
24	SI-51	40	36	73	E1458	44	10
25	E1532	41	2	74	E1483	44	11
26	E1535	41	3	75	E1513	44	12
27	E1536	41	4	76	E470	44	13
28	F879	41	5	77	E1330	44	14
29	E529	41	10	78	E1575	44	15
30	E487	41	11	79	E1574	44	16
31	E486	41	12	80	E1512	44	17
32	E1540	41	13	81	E3136	44	18
33	F879	41	15	82	E1435	44	19
34	GS35	41	32	83	GS272	44	24
35	GS153	41	33	84	GS273	44	25
36	E1476	41	34	85	E2767	44	27
37	E495	41	35	86	E1335	44	28
38	S70-7	42	1	87	E984	44	29
39	E403	42	2	88	F1880	44	30
40	E2360	42	3	89	SI-52	57	36
41	E1537	42	4	90	E1526	89	25
42	E2794	42	6		E2963	89	27
43	GS251	42	7	91	E1529	89	28
44	E2790	42	8	92	MF119	89	31
45	E1670	42	9		MF119A	89	32
46	GS254	42	10	93	E2228	127	24
47	E2788	42	11				



T100 AND T100C

INDEX TO ILLUSTRATION ON PAGE 38



ENGINE T100 AND T100C—CRANKSHAFT, CONNECTING RODS, PISTONS, TIMING GEAR, ETC.

Illust. No.	Part No.	Page No.	Ref. No.
1	E1908	23	15
	E3098	23	18
2	E656	23	21
3	E3048	23	25
4	GE29	23	37
5	WE203E	23	45
6	WE479	23	46
7	E1510	40	6
8	E2915	40	7
9	E3112	40	9
10	E2921T	40	16
11	E1511	40	17
12	E2490A	40	18
13	E2922	40	19
14	E2877	41	16
15	E1591	41	17
16	E2883	41	18
17	E2296	41	19
18	E489	41	20
19	E1479	41	21
20	E1516	41	22
21	E2260	41	23
22	E1472	42	30
23	E1580	42	31
24	E398	42	32
25	E3275	42	33
	E3134	42	34
26	E1486A	42	35
27	E1558	42	36
28	E1492	42	37
29	E1463	42	38
30	E1471	43	1
31	E400	43	2
32	E2741	43	10
33	K164	43	11
34	E2254	43	12
35	GS87	43	13
36	E2256	43	14
37	E3108	44	32
38	E3120	45	8
39	E3118	45	11
40	E.3119	45	12
41	E2451	127	21
42	111700	127	22

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

CRANKSHAFT AND FLYWHEEL ASSEMBLY

1	E3137	Crankshaft and flywheel assembly	...	1	—	1	—	—
2	E2911	" " " "	...	—	1	—	—	—
3	E3138	" " " "	...	—	—	—	1	1
4	E2918	Flywheel	...	1	—	1	—	—
5	E2908	" " " "	...	—	1	—	—	—
6	E1510	" " " "	...	—	—	—	1	1
7	E2915	Crankshaft, timing side	...	1	—	1	1	1
8	E2902	" " " "	...	—	1	—	—	—
9	E3112	Crankshaft, driving side c/w stud	...	1	—	1	1	1
10	E2901	" " " "	...	—	1	—	—	—
11	E3114	Stud, " " crankshaft	...	1	—	1	1	1
12	E393	Plug, crankshaft	...	1	1	1	1	1
13	E1562	Bolt, " to flywheel	...	6	6	6	6	6
14	W103	Nut, " to flywheel bolt	...	6	6	6	6	6

CONNECTING RODS

15	E2921	Rod, connecting	...	2	2	2	—	—
16	E2921T	" " " "	...	—	—	—	2	2
17	E1511	Bush, " rod small end	...	2	2	2	2	2
18	E2490A	Bolt, " to cap	...	4	4	4	4	4
19	E2922	Nut, " to cap bolt	...	4	4	4	4	4

CRANKCASE

20	E2220A/3109	Crankcase assembly less main bearings	...	1	—	—	—	—
21	E2219/20A	" " " "	...	—	—	1	1	1
22	E2892/3	" " " "	...	—	1	—	—	—
23	E672	Stud, crankcase cylinder base	...	6	6	6	6	6
24	E1614	" " " " (Dowel)	...	2	2	2	2	2
25	W76	Nut " " stud	...	4	4	—	—	—
26	PO172A	" " " "	...	4	4	—	—	—
27	E2412	" " " "	...	—	—	8	8	8
28	GS308	Washer, " " "	...	—	—	8	8	8
29	E1534A	Dowel, " " " (E1614)	...	2	2	2	2	2
30	E1579	Dowel, crankcase halves	...	1	1	1	1	1
31	E1534A	" " " hollow	...	1	1	1	1	1
32	E2022	Stud, magneto to crankcase	...	—	3	3	3	3
33	F1008	Nut, " " stud	...	—	3	3	3	3
34	S25-3	Washer, magneto to crankcase stud	...	—	3	3	3	3
35	E1539	Stud, oil junction block	...	1	1	1	1	1
36	S1-51	Nut, " " stud	...	1	1	1	1	1

WHEN IN DOUBT SEND SAMPLE

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

1	S23-3	Washer, oil junction block stud	...	1	1	1	1	1
2	E1532	Dowel, oil junction block	...	1	1	1	1	1
3	E1535	Dowel, crankcase to timing cover	...	1	1	1	1	1
4	E1536	Stud, oil pump fixing	...	2	2	2	2	2
5	F879	Nut, oil pump fixing stud	...	2	2	2	2	2
6	E2312	Washer, oil pump fixing stud	...	2	2	2	2	2
7	E1508	Pipe, crankcase oil return	...	1	1	1	1	1
8	E1509	Clip, " " pipe	...	1	1	1	1	1
9	E1645	Screw, crankcase oil return pipe	...	1	1	1	1	1

CRANKCASE OIL FILTER

10	E529	Filter, crankcase oil	...	1	1	1	1	1
11	E487	Washer, " filter joint	...	2	2	2	2	2
12	E486	Cover, " " "	...	1	1	1	1	1
13	E1540	Stud, " " "	...	4	4	4	4	4
14	E1612	Washer, " stud locking	...	4	4	4	4	4
15	F879	Nut, " " "	...	4	4	4	4	4

CRANKCASE BEARINGS

16	E2877	Bearing, crankcase timing side (roller)	...	1	1	1	1	1
17	E1591	Bearing, crankcase driving (ball)	...	1	1	1	1	1
18	E2883	Chip shield, timing side bearing	...	1	1	1	1	1
19	E2296	Disc, timing side bearing	...	1	1	1	1	1
20	E489	Ring, " retaining	...	1	1	1	1	1
21	E1479	Bush, " camshaft	...	2	2	2	2	2
22	E1516	" driving side camshaft	...	1	1	1	1	1
23	E2260	" " (breather)	...	1	1	1	1	1
24	E2311	Pin, timing " "	...	1	1	1	1	1

STUDS AND BOLTS FOR CRANKCASE HALVES

25	E1555	Bolt, crankcase top rear	...	1	1	1	1	1
26	S25-3	Washer, crankcase top rear bolt	...	1	1	1	1	1
27	T456	Stud, crankcase bottom front	...	1	1	1	1	1
28	S1-51	Nut, " " stud	...	2	2	2	2	2
29	S25-3	Washer, crankcase bottom front stud	...	2	2	2	2	2
30	E1647	Screw, crankcase inside boss	...	2	2	2	2	2

FOR ENGINE PLATE STUDS SEE PAGE 64

OIL PUMP

31	E3072	Pump assembly, oil	...	1	1	1	1	1
32	GS35	Body, oil pump	...	1	1	1	1	1
33	GS153	Plunger, oil pump feed	...	1	1	1	1	1
34	E1476	" " scavenge	...	1	1	1	1	1
35	E495	Block, " slider	...	1	1	1	1	1

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	S70-7	Ball, oil pump valve ...	2	2	2	2	2
2	E403	Spring, " " " ...	2	2	2	2	2
3	E2360	Plug, " " body ...	2	2	2	2	2
4	E1537	Washer, oil pump joint ...	1	1	1	1	1

### OIL RELEASE VALVE

5	E2795	Valve, release and oil indicator ...	1	1	1	1	1
6	E2794	Body, " valve ...	1	1	1	1	1
7	GS251	Piston, " " ...	1	1	1	1	1
8	E2790	Cap, " " ...	1	1	1	1	1
9	E1670	Washer, " " body ...	1	1	1	1	1
10	GS254	" " " cap ...	1	1	1	1	1
11	E2788	Spring, " " main ...	1	1	1	1	1
12	E2791	Shaft, indicator button ...	1	1	1	1	1
13	E2793	Tube, " rubber ...	1	1	1	1	1
14	E2789	Spring, " auxiliary ...	1	1	1	1	1
15	E2792	Nut, " shaft ...	1	1	1	1	1

### TIMING COVER

16	E3110	Cover, timing gear ...	1	—	—	—	—
17	E2218/6T	" " " ...	—	1	—	—	—
18	E2218/TR5	" " " ...	—	—	1	—	—
19	E2218/T100	" " " ...	—	—	—	1	1
20	E1595	Patent plate ...	1	—	—	—	—
21	E2909	" " " ...	—	1	—	—	—
22	E2876	" " " ...	—	—	1	—	—
23	E1678	" " " ...	—	—	—	1	1
24	D208-5	Rivet, patent plate ...	3	3	3	3	3
25	E378	Bush, timing gear cover ...	1	1	1	1	1
26	E2615	Plug, " " " ...	1	1	1	1	1
27	E1335	Washer, timing gear cover plug ...	1	1	1	1	1
28	E427	Screw, " " " (short) ...	7	7	7	7	7
29	E1049	" " " " (long) ...	3	3	3	3	3

### TIMING GEARS AND CAMSHAFTS

30	E1472	Pinion, timing ...	1	1	1	1	1
31	E1580	Key, " pinion ...	1	1	1	1	1
32	E398	Nut, " " ...	1	1	1	1	1
33	E3275	Camshaft, inlet and exhaust ...	2	2	2	2	—
34	E3134	" " " " ...	—	—	—	—	2
35	E1486A	Wheel, " " " camshaft ...	2	2	2	2	2
36	E1558	Key, camshaft wheel ...	2	2	2	2	2
37	E1492	Nut, " " exhaust ...	1	1	1	1	1
38	E1463	" " " inlet (pump drive) ...	1	1	1	1	1

FIGURE IN MODEL COLUMN DENOTES QUANTITY PER MACHINE

No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	E1471	Wheel, intermediate gear ...	1	1	1	1	1
2	E400	Bush, " " wheel ...	1	1	1	1	1
3	E375	Spindle, " " " ...	1	1	1	1	1
4	E3123	Pinion, distributor ...	1	—	—	—	—
5	E3125	Pin, " pinion ...	1	—	—	—	—
6	E3126	Circlip, " " ...	1	—	—	—	—
7	146460	Washer, " " (brass) ...	1	—	—	—	—
8	E1992	Gear, magneto c/w auto advance (B.T.H.) ...	—	1	—	—	—
9	47502A	Gear, magneto c/w auto advance (Lucas) ...	—	1	—	—	—
10	E2741	" " (fixed) ...	—	—	1	1	1
11	K164	Nut, " gear $\frac{3}{8}$ " std. ...	—	—	1	1	1
		Washer, " " " " ...	—	—	1	1	1

### CRANKCASE BREATHER

12	E2254	Valve, crankcase rotary ...	1	1	1	1	1
13	GS87	Disc, " " valve ...	1	1	1	1	1
14	E2256	Spring, " " " ...	1	1	1	1	1
15	E2724	Pipe, " breather ...	1	1	1	1	1
16	E3078	Extension, crankcase breather pipe (rubber) ...	1	1	1	1	1

### TAPPETS AND TAPPET BLOCKS

17	E3059	Tappet ...	4	4	4	4	4
18	E1477	Block, tappet guide ...	2	2	—	—	—
19	E2803	" " " ...	—	—	2	—	—
20	*GS36	" " " ...	—	—	—	2	2
21	H200	Screw, " " block lock ...	2	2	2	2	2
22	E2312	Washer, tappet guide block lock ...	2	2	2	2	2

\* Tappet Blocks +.005 inch oversize available

### PUSH RODS

23	E1693	Rod, push ...	4	4	—	—	—
24	E2620	" " " ...	—	—	4	4	4

### PUSH ROD COVER TUBE

25	E1505	Tube, push rod cover ...	2	2	—	2	2
26	E2804	" " " " ...	—	—	2	—	—
27	E2425	Washer, push rod cover lower seal ...	—	—	2	—	—
28	E1496	" " " " " " ...	2	2	—	2	2
29	E1497	" " " " upper " ...	2	2	2	2	2

### OVERHEAD ROCKER GEAR

30	E1461T	Box, inlet rocker ...	1	1	1	1	1
31	E1462T	Box, exhaust rocker ...	1	1	1	1	1
32	E1650	Gasket, rocker box joint ...	4	4	4	4	4
33	E1540	Stud, " " (to cylinder head) ...	4	4	—	—	—

ALWAYS QUOTE PART NUMBERS

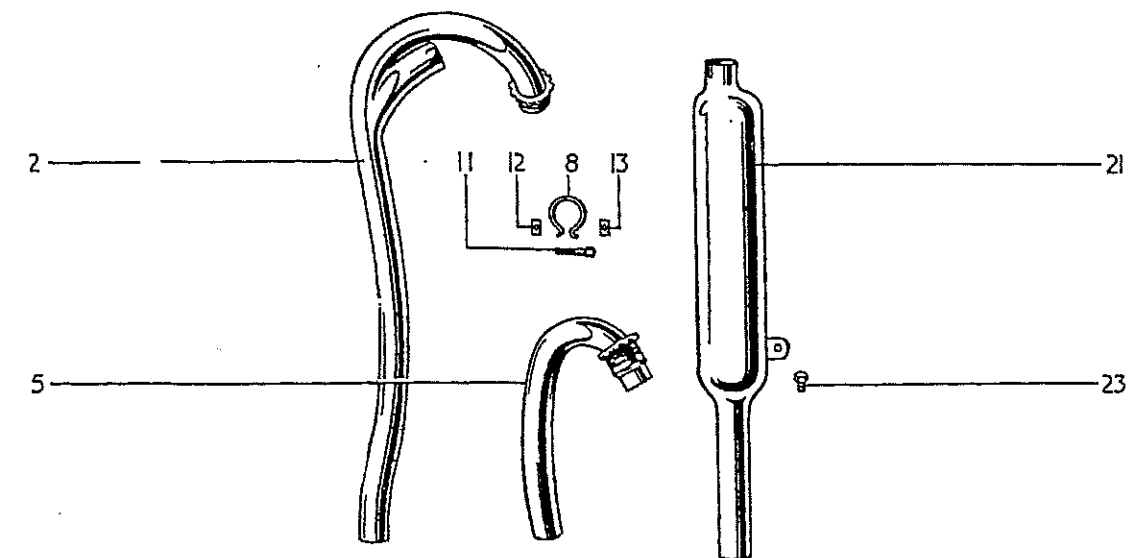
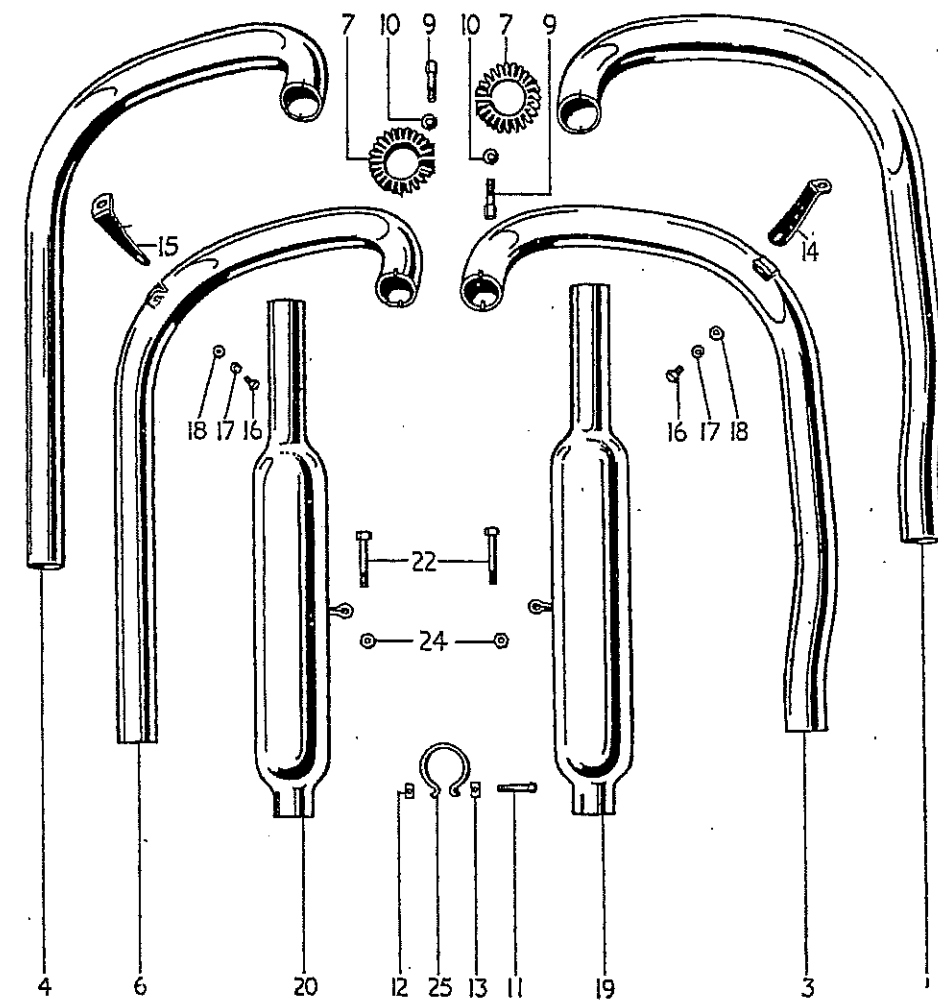


REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>SILENCER</b>							
1	E1568	Silencer, L/H	1	1	—	1	1
2	E1567	" R/H	1	1	—	1	1
3	E2827	"	—	—	1	—	—
4	E688	Bolt, silencer hanger	2	2	—	2	2
5	F929	Bolt, silencer hanger	—	—	1	—	—
6	T224	Nut, " " bolt	2	2	—	2	2
7	TE246	Clip, silencer to exhaust pipe	2	2	—	2	2
8	E2857	" " " " " "	—	—	1	—	—
9	TE164E	Bolt, " " " " " clip	2	2	1	2	2
10	TE164C	Nut, " " " " " "	2	2	1	2	2
11	TE164D	Washer, silencer to exhaust pipe clip	2	2	1	2	2

**EXHAUST PIPES AND SILENCERS**

**INDEX TO ILLUSTRATION ON PAGE 47**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E3127	45	14	13	TE164D	45	27
	E1520	45	15	14	E2989	45	28
2	E3014	45	16	15	E2990	45	29
3	E2985	45	17	16	DS57	45	30
4	E1519	45	18	17	S26-2	45	31
5	E3015	45	19	18	F879	45	32
6	E2987	45	20	19	E1568	46	1
7	E1269	45	21	20	E1567	46	2
8	E2857	45	22	21	E2827	46	3
9	E409	45	23	22	E688	46	4
10	E410A	45	24	23	F929	46	5
11	TE164C	45	26	24	T224	46	6
12	TE164E	45	25	25	TE246	46	7



**EXHAUST PIPES AND SILENCERS**

## GASKET SET GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>GASKET SET GROUP</b>							
1	GS5T/51	Gasket set	1	—	—	—	—
2	GS6T/52	" "	—	1	—	—	—
3	GSTR5/51	" "	—	—	1	—	—
4	GST100/51	" "	—	—	—	1	—
5	GST100C/53	" "	—	—	—	—	1

## GEARBOX GROUP

6	T1062	Gearbox complete less clutch—standard ratio	1	—	—	1	1
7	T1176	" " " " —close ratio	1	1	—	1	1
8	T967	" " " " —wide ratio	1	1	—	1	1
9	T980	" " " " —wide ratio	—	—	1	—	—

## GEARBOX CASING

10	T909	Casing, with bushes, gearbox	1	1	1	1	1
11	T989	Dowel, casing to inner cover	2	2	2	2	2
12	E698	Stud, casing to outer cover	2	2	2	2	2
13	S1-51	Nut, casing stud	2	2	2	2	2
14	S25-3	Washer, casing stud	2	2	2	2	2
15	T935	Cover with bushes, gearbox outer	1	1	1	1	1
16	T452	Screw, outer cover to casing (long)	1	1	1	1	1
17	E573	" " " " " " " "	1	1	1	1	1
18	E427	" " " " " " " " inner cover	2	2	2	2	2
19	E1049	" " " " " " " " (long)	1	1	1	1	1
20	T931	Cover with bushes, gearbox inner	1	1	1	1	1
21	T323A	Stud, inner cover to outer cover	1	1	1	1	1
22	S1-51	Nut, inner cover to outer cover stud	1	1	1	1	1
23	S25-3	Washer, inner cover to outer cover stud	1	1	1	1	1
24	E329	Screw, inner cover to casing (long)	1	1	1	1	1
25	E427	Screw, " " " " " " " "	3	3	3	3	3
26	T45	Stop, kickstarter quadrant	1	1	1	1	1
27	E1564	Cap, gearbox oil filler	1	1	1	1	1
28	E1577	Washer, gear box oil filler joint	1	1	1	1	1
29	S46-15	Plug, gearbox drain and cover level	2	2	2	2	2
30	PT104B	Washer, " " " " " " " "	2	2	2	2	2

## GEARBOX FITTINGS

31	T717	Plate, gearbox mounting clamp	2	2	2	2	2
32	T456	Stud, " clamp tie	2	2	2	2	2
33	S1-51	Nut, " " " " stud	3	3	3	3	3
34	T461	Nut, " " " " " "	1	1	1	1	1
35	S26-3	Washer, " " " " " "	2	2	2	2	2
36	F1681	Bolt, " " " " pin	1	1	1	1	1
37	S4-13	Nut, " " " " bolt	1	1	1	1	1
38	S25-8	Washer, " " " " " "	1	1	1	1	1

ALWAYS QUOTE ENGINE NUMBER AND PREFIX

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	T430	Bolt, gearbox pivot	1	1	—	1	1
2	F3108	" " " " " "	—	—	1	—	—
3	PO172A	Nut, " " " bolt	—	—	1	—	—
4	S26-1	Washer, " " " bolt	1	1	1	1	1
5	T275	Adjuster assembly, primary chain	1	1	1	1	1

## SHAFTS AND GEARS (STANDARD RATIO)

6	T914	Mainshaft and low gear (16T)	1	1	1	1	1
7	PT108B	Bush, mainshaft for clutch rod	1	1	1	1	1
8	S66-1	Woodruff key No.6	1	1	1	1	1
9	T1047	Nut, clutch to mainshaft	1	1	1	1	1
10	T1045	Washer, clutch to mainshaft plain	1	1	1	1	1
11	T1046	" " " " " lock	1	1	1	1	1
12	T918	Gear, mainshaft high (26T)	1	1	—	1	1
13	T969	" " " " (28T)	—	—	1	—	—
14	T920	Bush, " " " gear	1	1	1	1	1
15	T917	Gear, mainshaft 3rd (24T)	1	1	1	1	1
16	T916	" " " 2nd (20T)	1	1	—	1	1
17	T968	" " " 2nd (19T)	—	—	1	—	—
18	T1063	Layshaft c/w high gear (20T) and speed gear	1	1	—	1	1
19	T971	" " " " (18T) " " "	—	—	1	—	—
20	T930	Gear, layshaft 3rd (22T)	1	1	1	1	1
21	T1065	" " " 2nd (26T)	1	1	—	1	1
22	T974	" " " 2nd (27T)	—	—	1	—	—
23	T926	Gear, layshaft low (30T)	1	1	1	1	1
24	T928	Bush, " " " gear	1	1	1	1	1

For speedometer drive gears see page 102

## GEARBOX SHELL BEARINGS

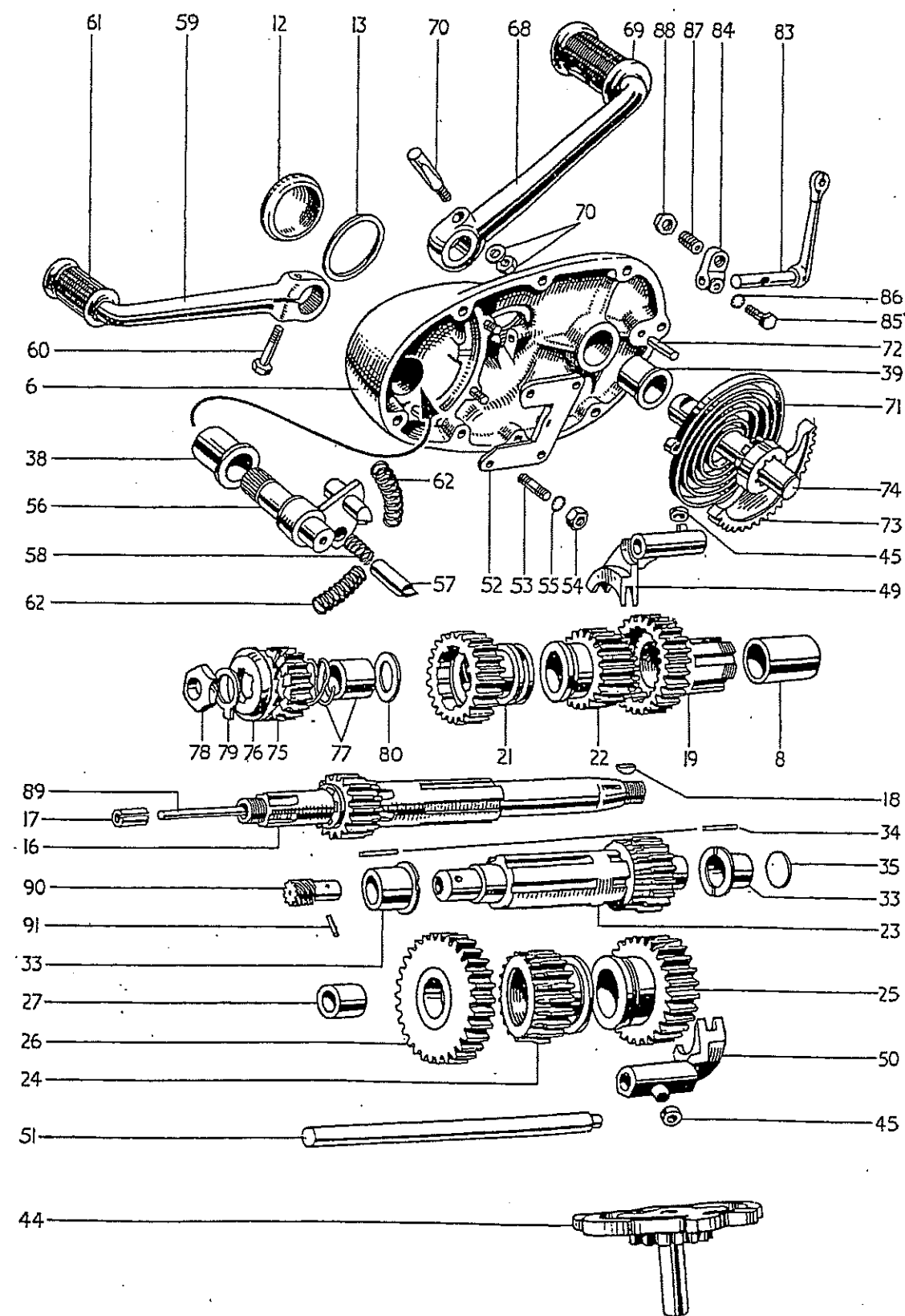
25	T448	Bearing, high gear	1	1	1	1	1
26	T946	oil seal, " " bearing	1	1	1	1	1
27	E489	Circlip, " " " retaining	1	1	1	1	1
28	S35-7	Bearing, mainshaft	1	1	1	1	1
29	T280	Circlip, " " " "	1	1	1	1	1
30	T911	Bush, layshaft casing and inner cover	2	2	2	2	2
31	T912	Peg, layshaft bush	2	2	2	2	2
32	T981	Disc, layshaft bush	1	1	1	1	1
33	T341	Bush, gear selector camplate	1	1	1	1	1
34	T412	Bush, footchange spindle inner	1	1	1	1	1
35	T57	Bush, " " " outer	1	1	1	1	1
36	T23	Bush, kickstarter outer	1	1	1	1	1
37	T933	Bush, speedo gear inner cover	1	1	1	1	1
38	T948	Washer, speedo gear inner cover sealing	1	1	1	1	1

WHEN IN DOUBT SEND SAMPLES



GEARBOX (GEARS)

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TRIUMPH FOUR SPEED GEARBOX—(GEARS)

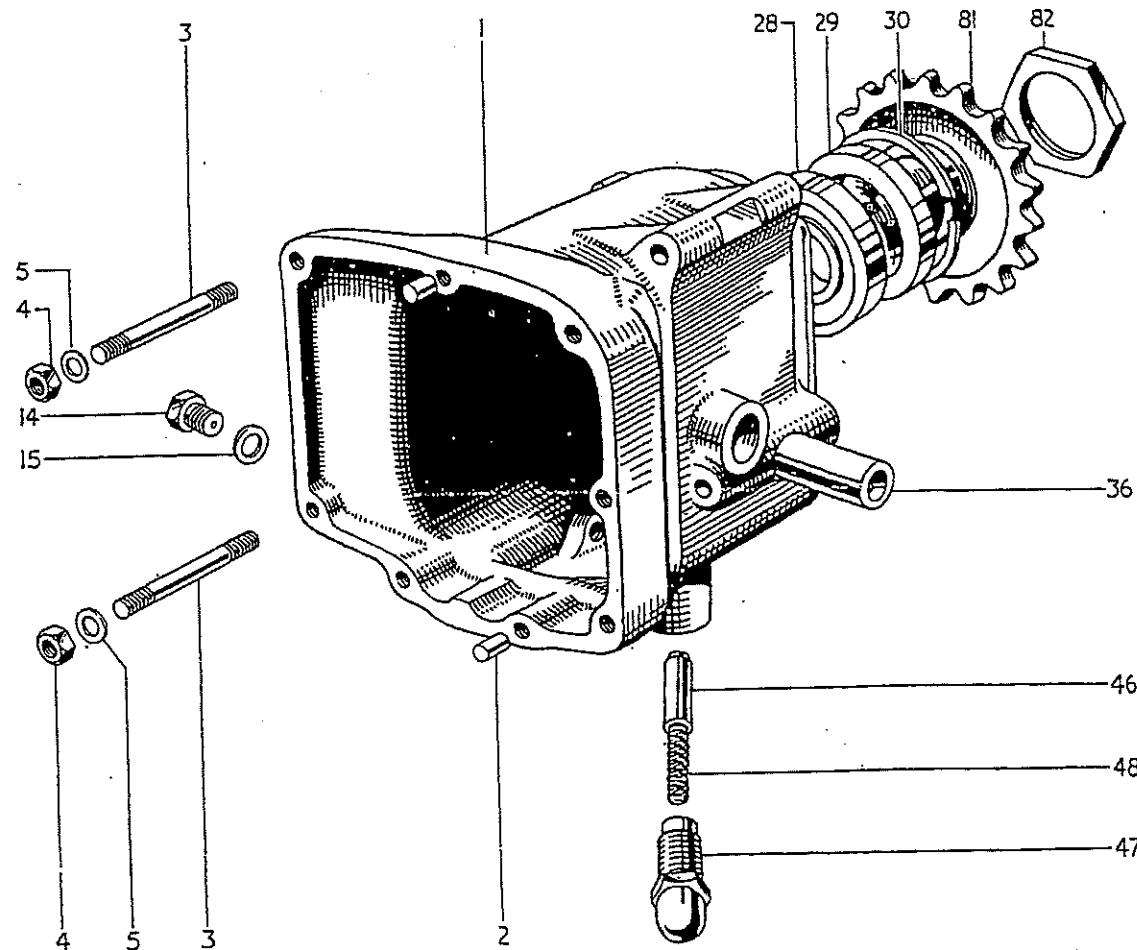
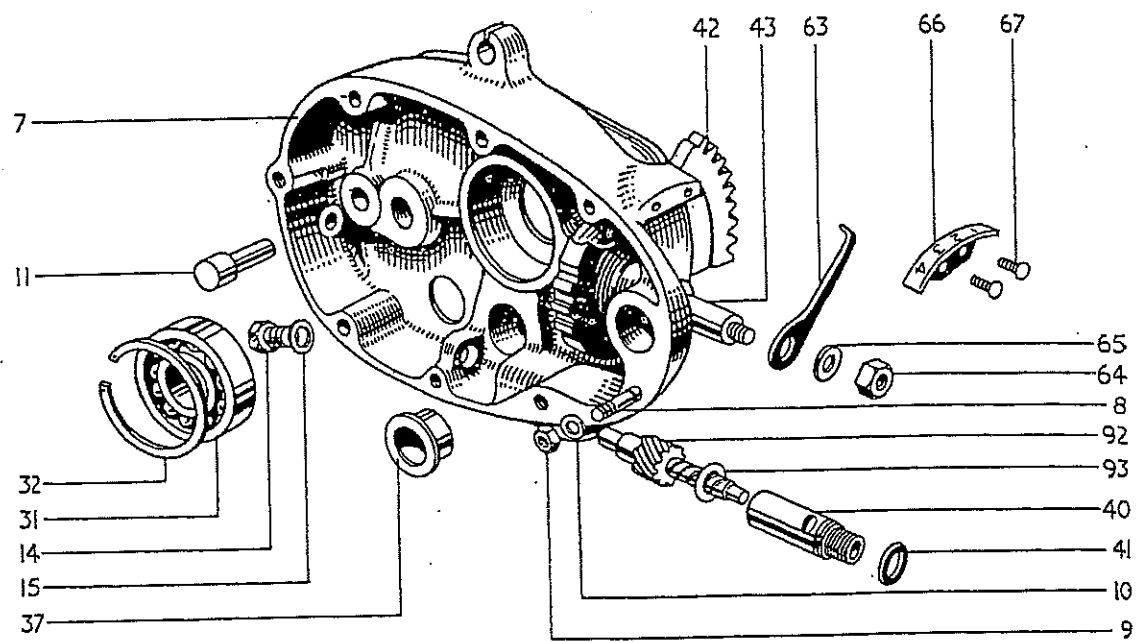
Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
6	T935	48	15	55	E2312	53	4
12	E1564	48	27	56	T408/9	53	5
13	E1577	48	28	57	T406	53	6
16	T914	49	6	58	T405	53	7
17	PT108B	49	7	59	T398	53	8
18	S66-1	49	8	60	W932	53	9
19	T918	49	12	61	T449	53	10
	T969	49	13	62	T404	53	11
20	T920	49	14	68	T451	53	17
21	T917	49	15	69	F1814	53	23
22	T916	49	16	70	S52-1	53	24
	T968	49	17	71	T31	53	25
23	T1063	49	18	72	T47	53	26
	T971	49	19	73	T25A	53	27
24	T930	49	20	74	T24A	54	1
25	T1065	49	21	75	T730	54	2
	T974	49	22	76	T731	54	3
26	T926	49	23	77	T488/28	54	4
27	T928	49	24	78	NT297	54	5
33	T911	49	30	79	T732	54	6
34	T912	49	31	80	T505	54	7
35	T981	49	32	83	T487	54	39
38	T57	49	35	84	T402	54	41
39	T23	49	36	85	T401	54	42
44	T500	51	4	86	E2312	54	43
45	NT261	51	5	87	T413	56	1
49	T260B	51	9	88	T453	56	2
50	T913	51	10	89	T455	56	3
51	T291	51	11		T455B	56	4
52	T407	53	1	90	T924	102	34
53	T454	53	2		T973	102	35
54	T879	53	3	91	T925	102	36

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

GEAR CONTROL (SELECTOR MECHANISM)

1	T397	Quadrant, gear operating	...	...	1	1	1	1	1
2	T399	Spindle, " " quadrant	...	...	1	1	1	1	1
3		Split pin 1½" × 5/8" dia.	...	...	1	1	1	1	1
4	T500	Camplate, gear control	...	...	1	1	1	1	1
5	NT261	Roller, " " camplate	...	...	2	2	2	2	2
6	T501	Plunger, " " " "	...	...	1	1	1	1	1
7	T372	Bush, gear control camplate plunger	...	...	1	1	1	1	1
8	T373	Spring, gear control camplate plunger	...	...	1	1	1	1	1
9	T260B	Fork, gear selector mainshaft	...	...	1	1	1	1	1
10	T913	" " " layshaft	...	...	1	1	1	1	1
11	T291	Rod, " " fork	...	...	1	1	1	1	1

PLEASE STATE COLOUR WHEN ORDERING



TRIUMPH FOUR SPEED GEARBOX--(CASING)

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

GEAR CONTROL (ENCLOSED FOOTCHANGE)

1	T407	Plate, footchange guide ...	...	1	1	1	1	1
2	T454	Stud, " " plate ...	...	4	4	4	4	4
3	F879	Nut, " " " stud ...	...	4	4	4	4	4
4	E2312	Washer, " " " " ...	...	4	4	4	4	4
5	T408/9	Plunger assembly, gear quadrant ...	...	1	1	1	1	1
6	T406	Plunger, gear quadrant ...	...	2	2	2	2	2
7	T405	Spring, " " plunger ...	...	2	2	2	2	2
8	T398	Pedal, footchange ...	...	1	1	1	1	1
9	W932	Set screw, footchange pedal ...	...	1	1	1	1	1
10	T449	Rubber, " " " ...	...	1	1	1	1	1
11	T404	Spring, " " " return ...	...	2	2	2	2	2
12	T395	Finger, gear indicator ...	...	1	1	1	1	1
13	T224	Nut, " " " ...	...	1	1	1	1	1
14	S25-3	Washer, " " " ...	...	1	1	1	1	1
15	T396	Quadrant, gear indicator ...	...	1	1	1	1	1
16	D208-17	Pin, quadrant fixing ...	...	2	2	2	2	2

KICKSTARTER

17	T451	Crank, kickstarter (rigid) ...	...	1	1	—	1	—
18	T29/30	" " (folding) ...	...	—	—	1	—	1
19	T29	Lever, " " " ...	...	—	—	1	—	1
20	T30	Pedal, " " " ...	...	—	—	1	—	1
21	T111	Nut, lever to pedal ...	...	—	—	1	—	1
22	T112	Washer, lever to pedal ...	...	—	—	1	—	1
23	F1814	Rubber, kickstarter crank lever ...	...	1	1	1	1	1
24	S52-1	Cotter pin c/w nut and washer ...	...	1	1	1	1	1
25	T31	Spring, k/s crank return ...	...	1	1	1	1	1
26	T47	Peg, k/s anchor ...	...	1	1	1	1	1
27	T25A	Quadrant, kickstarter ...	...	1	1	1	1	1

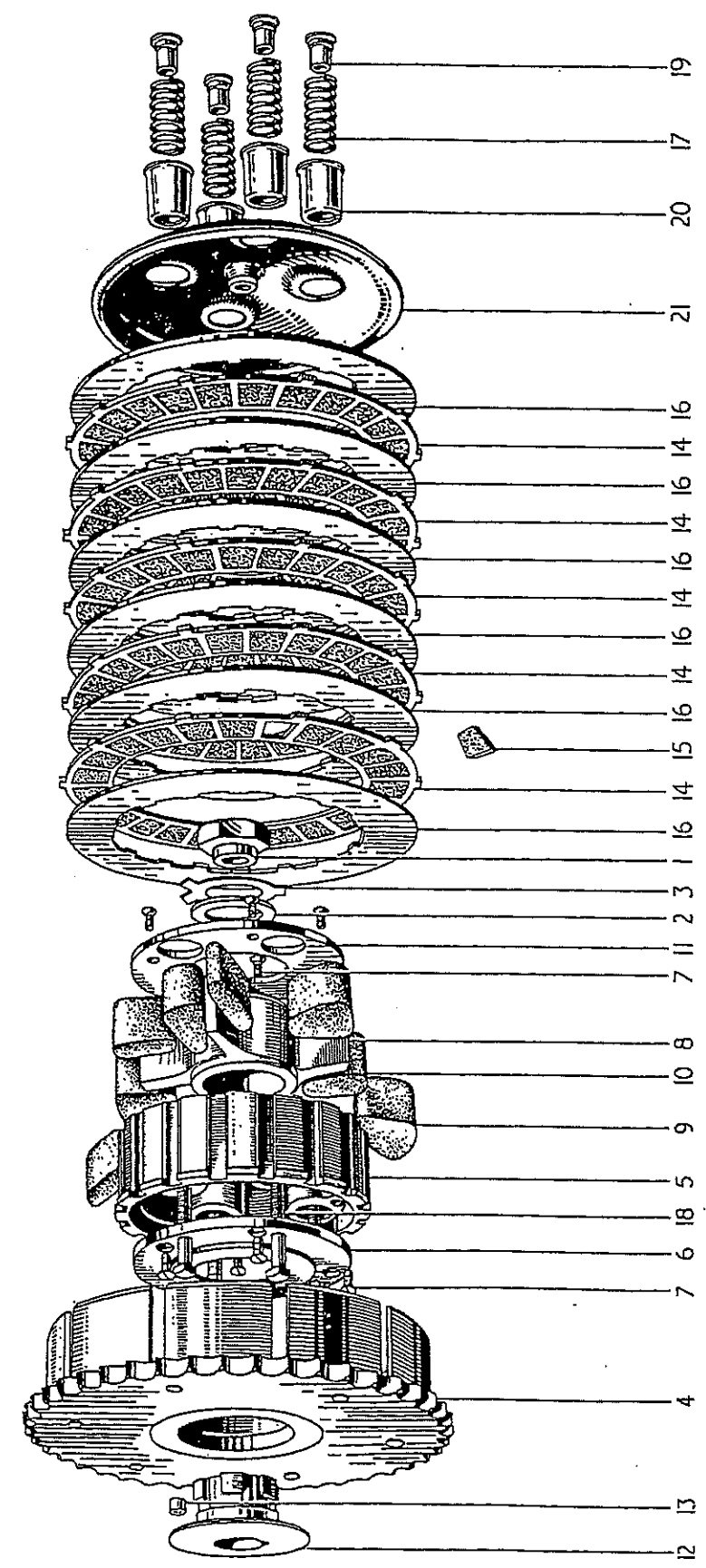
GEARBOX (CASING)

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Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T909	48	10	37	T412	49	34
2	T989	48	11	40	T933	49	37
3	E698	48	12	41	T948	49	38
4	S1-51	48	13	42	T397	51	1
5	S25-3	48	14	43	T339	51	2
7	T931	48	20	46	T501	51	6
8	T323A	48	21	47	T372	51	7
9	S1-51	48	22	48	T373	51	8
10	S25-3	48	23	63	T395	53	12
11	T45	48	26	64	T224	53	13
14	S46-15	48	29	65	S25-3	53	14
15	PT104B	48	30	66	T396	53	15
28	T448	49	25	67	D208-17	53	16
29	T946	49	26	81	T471A	54	8
30	E489	49	27	82	T440	54	9
31	S35-7	49	28	92	T934	102	37
32	T280	49	29		T975	102	38
36	T341	49	33	93	T825	102	39

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	T24A	Shaft, kickstarter axle ...					
2	T730	Pinion, " ...					
3	T731	Ratchet, " ...					
4	T488/28	Sleeve and spring, pinion ...					
5	NT297	Nut, kickstarter ratchet ...					
6	T732	Washer, " lock ...					
7	T505	Washer, " plain ...					
<b>GEARBOX SPROCKET</b>							
8	T471A	Sprocket, gearbox ...					
9	T440	Nut, gearbox sprocket locking ...					
<b>CLUTCH</b>							
10	T1033	Clutch assembly ...		—		—	—
11	T1034	" " " " " " ...	—		—		—
12	T940	Housing clutch sprocket ...		—		—	—
13	T985	" " " " " " ...	—		—		—
14	T1035	Shock absorber assembly, clutch ...		—		—	—
15	T1036	" " " " " " ...	—		—		—
16	T1037	Centre clutch ...		—		—	—
17	T1038	" " " " " " ...	—		—		—
18	T1039	Plate, inner retaining shock absorber ...					
19	T1040	Screw, " " " " " " ...	4	4	4	4	4
20	T1041	Spider, clutch shock absorber ...					
21	T1185	Rubber insert, clutch shock absorber (drive)	4	4	4	4	4
22	T1043	" " " " " " (rebound)	4	4	4	4	4
23	T1044	Plate, outer retaining shock absorber					
24	T1040	Screw, " " " " " " ...	4	4	4	4	4
25	T418	Hub, clutch ...					
26	T394	Roller, clutch housing to hub ...	20	20	20	20	20
27	T414	Plate, " driving (corked) ...	4	5	4	5	5
28	NT288	Cork " insert ...	96	120	96	120	120
29	T415	Plate, " driven (plain) ...	5	6	5	6	6
30	T429	Spring, clutch pressure ...	4	—	4	—	—
31	T999	" " " " " " ...	—	4	—	4	4
32	T423	Pin, " " " " " " spring ...	4	—	4	—	—
33	T423A	" " " " " " " " ...	—	4	—	4	4
34	T427	Nut, " " " " " " pin ...	4	4	4	4	4
35	T425	Cup, " " " " " " " " ...	4	—	4	—	—
36	T998	" " " " " " " " ...	—	4	—	4	4
37	T986	Plate, " " " " " " c/w button ...					
38	T422	Button, " " " " " " plate ...					
<b>CLUTCH CONTROL</b>							
39	T487	Lever, clutch operating ...					
40	T495	Cap, " " " lever rubber ...					
41	T402	Arm, " " " " " " ...					
42	T401	Peg, " " " " " " " " ...					
43	E2312	Washer, clutch operating lever peg ...					

TREASURY NOTES MUST BE REGISTERED



CLUTCH INDEX

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T1047	49	9	12	T1039	54	18	12	T418	54	25
2	T1045	49	10	13	T1040	54	19	13	T394	54	26
3	T1046	49	11	14	T1041	54	20	14	T414	54	27
4	T940	54	12	15	T1185	54	21	15	NT288	54	28
5	T985	54	13	16	T1043	54	22	16	T415	54	29
	T1037	54	16	17	T1044	54	23	17	T429	54	30
	T1038	54	17	18	T423	54	32	18	T423	54	32
				19	T423A	54	33	19	T423A	54	33
				20	T427	54	34	20	T427	54	34
				21	T425	54	35	21	T425	54	35
				22	T998	54	36	22	T998	54	36
				23	T986	54	37	23	T986	54	37

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	T413	Pin, clutch lever adjusting ...					
2	T453	Nut, " " " lock ...					
3	T455	Rod, " " " ...		—		—	—
4	T455B	Rod, " " " ...	—		—		

### WIDE RATIO GEAR GROUP

To convert from standard to wide ratio

5	T969	Gear, mainshaft high 28T ...					
6	T968	" " 2nd 19T ...					
7	T971	Gear, layshaft high 18 T c/w speedo gear					
8	T974	" " 2nd 27T ...					
9	T975	" speedometer drive ...					

### STANDARD RATIO GEAR GROUP

To convert from wide to standard ratio

10	T918	Gear, mainshaft high 26T ...					
11	T916	" " 2nd 20T ...					
12	T1063	Gear, layshaft high 20T c/w speedo gear					
13	T1065	" " 2nd 26T ...					
14	T934	" speedometer drive ...					

### CLOSE RATIO GEAR GROUP

15	T1177	Mainshaft and low gear 18T ...					
16	PT108B	Bush, mainshaft for clutch rod ...					
17	T957	Gear " high 24T ...					
18	T955	" " 2nd 21T ...					
19	T1179	" " 3rd 23T ...					
20	T920	Bush " high gear ...					
21	T961	Gear, layshaft low 28T ...					
22	T960	" " high 22T ...					
23	T963	" " 2nd 25T ...					
24	T964	" " 3rd 23T ...					
25	T928	Bush, " low gear ...					
26	T983	Plug, speedometer drive sealing ...					
27	T948	Washer, " " plug ...					

Gear Ratios. Suitable ratios can be selected from the three groups, which will enable the rider to operate his machine for normal road work or sporting events. To vary the ratios of any group, engine sprockets ranging from 17 to 25 teeth are available.

On page 136 there will be found an R.P.M. and Gear Ratio Chart, which will assist the rider in making his selection.

SEE PAGE 136 FOR GEAR RATIO CHART

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
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### FRAME GROUP

#### FRONT PORTION

1	F3292A	Frame, front portion ...			—		
2	F3295	Frame, " " ...	—	—		—	—
3	E1023	Stud, seat lug to back stays ...	—	—		—	—
4	F1561	Stud, " " " " " " ...			—		
5	PO172A	Nut, " " " " " stud ...	2	2		2	2
6	F3073	Nut, " " " " " " R/H ...	—	—		—	—
7	S26-1	Washer, seat lug to back stays stud ...	2	2	2	2	2
8	F994	Stud, seat tube to back stays (bottom)					
9	S1-30	Nut, " " " " " stud ...	2	2	2	2	2
10	SCZ45	Washer, seat tube to back stays stud ...	2	2	2	2	2
11	F1841	Support, petrol tank front ...			—		
12	F1451	Bolt, " " " " support ...			—		
13	S1-52	Nut, " " " " " ...			—		
14	F3372	Support, " " rear ...			—		
15	F2687	Bolt, " " " " support ...	2	2	—	2	2
16	S26-3	Washer, " " " " " ...	2	2	—	2	2
17	NW100	Lubricator, steering column ...					

SEE FRONT FORK GROUP FOR HEAD LUG STEERING RACES PAGE 70

#### REAR PORTION

18	F3102	Frame, rear portion ...			—	—	—
19	F3319	Frame, " " ...	—	—		—	—
20	F3178	Frame, " " ...	—	—	—		
21	F2908	Stud, mudguard to rear frame ...	2	2	—	2	2
22	F969	Screw, rear chain adjuster ...	2	2	2	—	—
23	F3164	Screw, " " " " ...	—	—	—	2	2
24	F1008	Locknut, " " " screw ...	—	—	2	—	—
25	F1824	" " " " " ...	2	2	—	2	2

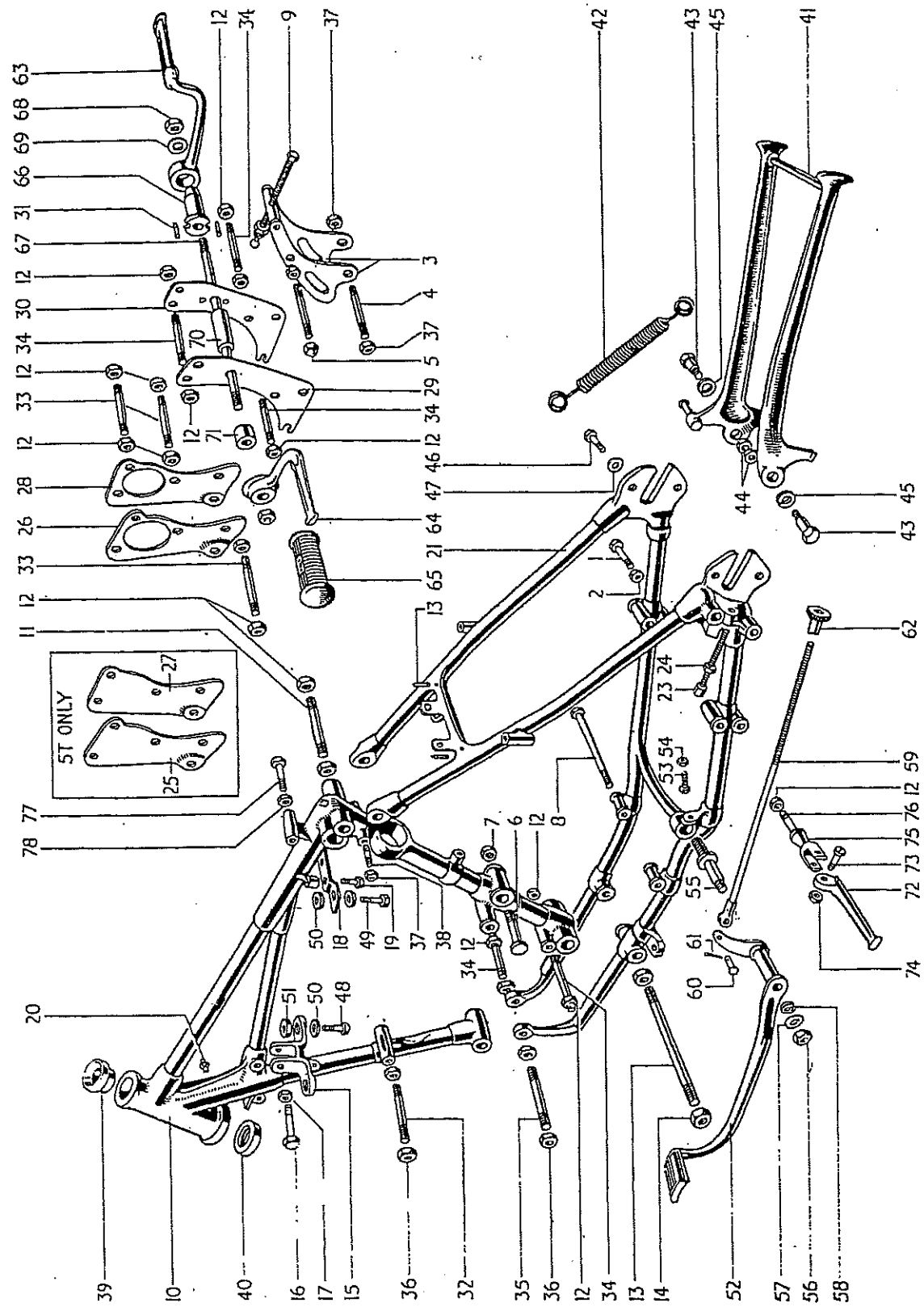
### FRAME TO ENGINE TORQUE STAY GROUP

26	F1597	Stay, engine to frame clip ...	2	2	—	2	2
27	E2800	Clip, " steady L/H half ...	—	—		—	—
28	E2801	Clip, " " R/H half ...	—	—		—	—
29	E1598	Clip, torque stay ...			—		
30	DS55	Bolt torque bracket clip ...	—	—		—	—
31	F1031	" " stay clip ...			—		
32	S1-51	Nut, " bracket clip bolt ...	—	—		—	—
33	PO172A	" " stay " " ...			—		
34	S26-3	Washer, torque bracket clip bolt ...	—	—		—	—
35	S25-3	" " stay clip bolt ...			—		
36	S1-52	Nut, torque stay to engine bolt ...	2	2	—	2	2
37	S26-1	Washer, torque stay to engine bolt ...	2	2	—	2	2

PLEASE STATE COLOUR WHEN ORDERING

FRAME—5T, 6T, T100 AND T100C.

INDEX TO ILLUSTRATION ON PAGE 58

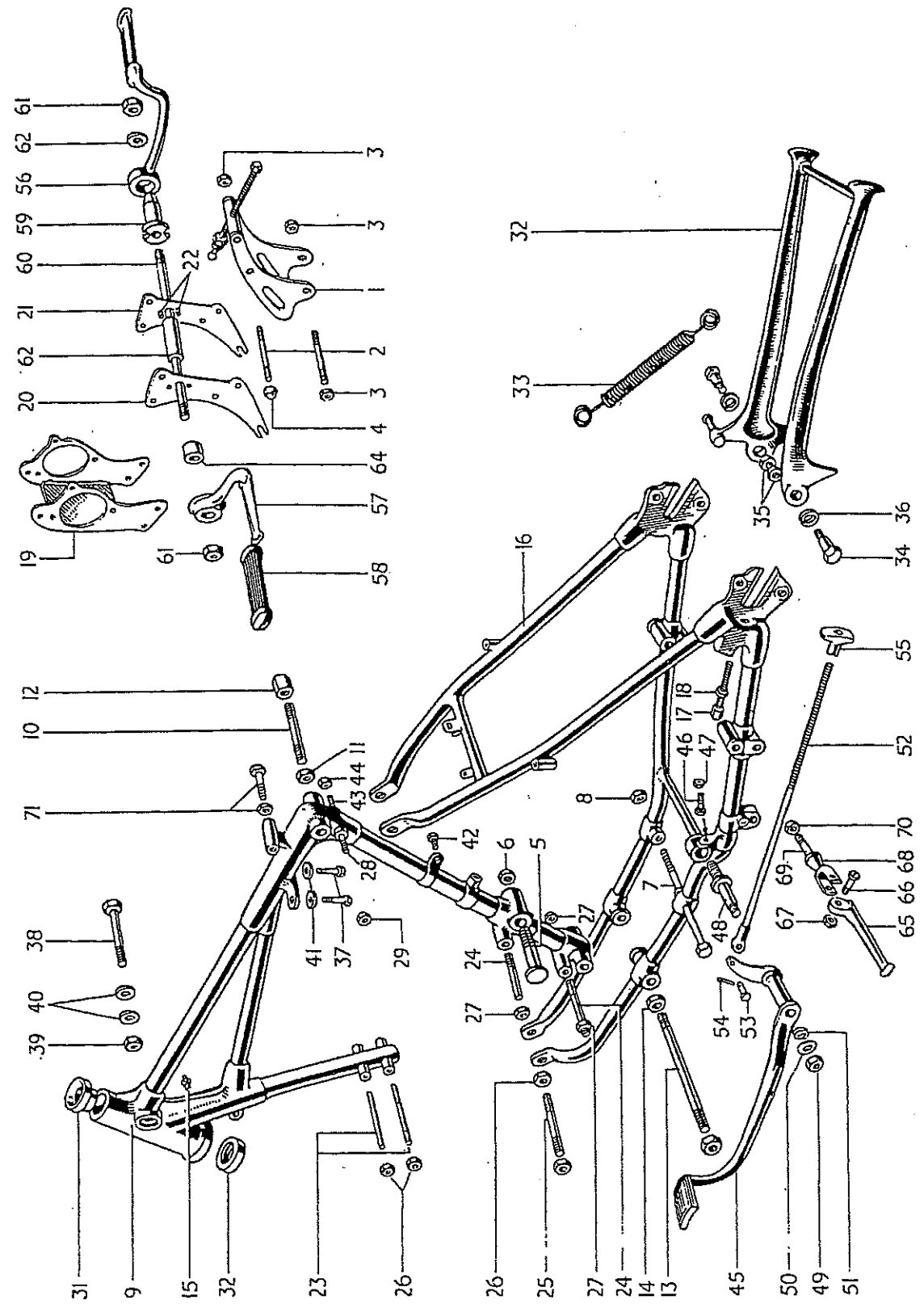


5T, 6T, T100 AND T100C—FRAME AND COMPONENTS

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E688	46	4	40	H111	70	2
2	T224	46	6	41	F1834	70	26
3	T717	48	31	42	F975A	70	28
4	T456	48	32	43	F977	70	29
5	T461	48	34	44	WV630	70	30
6	F1681	48	36	45	F976	70	31
7	S4-13	48	37	46	E579	80	39
8	T430	49	1	47	S25-2	80	41
9	T275	49	5	48	F1808	88	23
10	F3292A	57	1	49	F966	88	24
11	F1561	57	4	50	F967	88	30
12	P0172A	57	5	51	F1813	98	31
13	F994	57	8	52	F3313	95	22
14	SI-30	57	9	52	F1149	95	24
15	F1841	57	11	54	F879	95	25
16	F1451	57	12	55	F867	95	26
17	SI-52	57	13	56	SI-52	95	29
18	F3372	57	14	57	S25-2	95	30
19	F2687	57	15	58	S26-16	95	31
20	NW100	57	17	59	F1015A	96	2
21	F3102	57	18		F1015B	96	4
22	F3178	57	20	60	WV32	96	5
23	F2908	57	21	61	Split Pin	96	6
24	F969	57	22	62	NS372	96	8
24	F3164	57	23	63	F1731	96	10
25	F1824	57	25	64	F987	96	11
26	F2646	64	6	65	NF704	96	13
27	F2222	64	7	66	F1736	96	15
28	F2647	64	8	67	F991	96	16
29	F2223	64	9	68	DS48	96	17
30	F1811	64	11	69	S25-8	96	18
31	F1811A	64	13	70	F862	96	19
32	F1117	64	15	71	T87	96	20
33	F2414	64	17	72	F1694	96	22
34	F1711	64	18	73	F2271	96	24
35	F839	64	20	74	SI-51	96	25
36	F1680	64	21	75	F2268	96	27
37	DS47	64	22	76	F1696	96	28
38	SI-52	64	25	77/78	NA64J	97	6
39	F1682	64	38				
	H437	70	1				

FRAME GROUP TR5

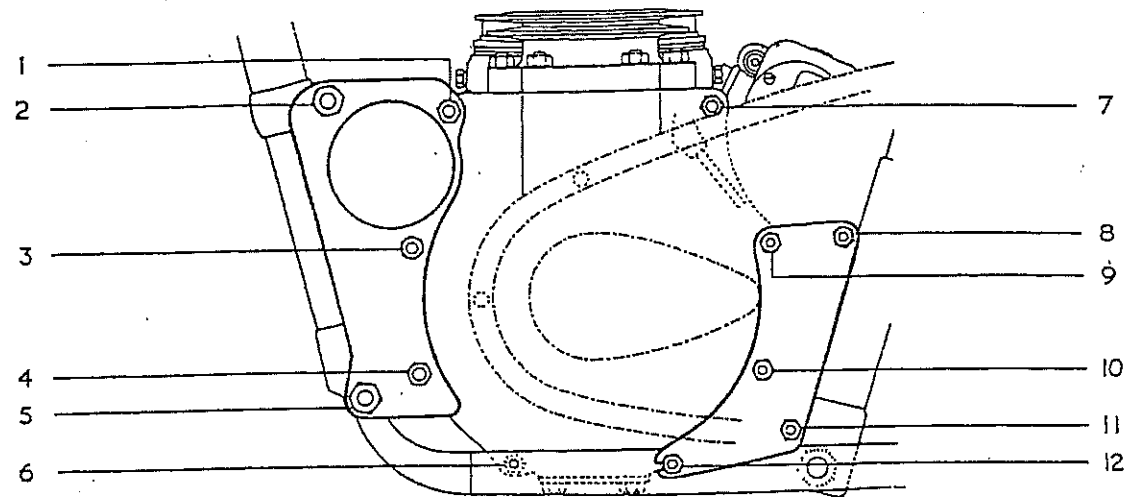
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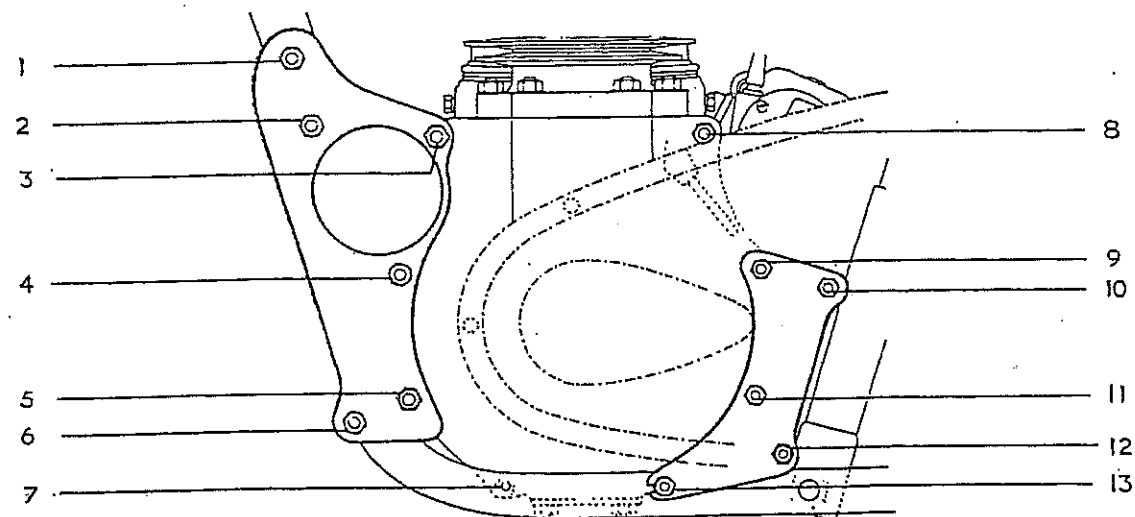
TR5—FRAME AND COMPONENTS.

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T717	48	31	37	F966	88	24
2	T456	48	32	38	F3007	88	25
3	SI-51	48	33	39	SI-51	88	26
4	T461	48	34	40	S25-3	88	28
5	F1681	48	36	41	F967	88	30
6	S4-13	48	37	42	F2398	89	9
7	F3108	49	2	43	F1682	89	12
8	P0172A	49	3	44	SI-51	89	13
9	F3295	57	2	45	F3313	95	22
10	E1023	57	3	46	F1149	95	24
11	P0172A	57	5	47	F879	95	25
12	F3073	57	6	48	F867	95	26
13	F994	57	8	49	SI-51	95	29
14	SI-30	57	9	50	S25-2	95	30
15	NW100	57	17	51	S26-16	95	31
16	F3319	57	19	52	F1015	96	1
17	F969	57	22	53	WF32	96	5
18	F1008	57	24		F1015C	96	3
19	F2979	64	10	54	Split Pin	96	6
20	F2884	64	12	55	F2896	96	9
21	F2885A	64	14	56	F1731	96	10
22	F1117	64	15	57	F987	96	11
23	F1711	64	18	58	F1685	96	14
24	E522	64	19	59	F1736	96	15
25	F839	64	20	60	F991	96	16
26	P0172A	64	23	61	DS48	96	17
27	SI-51	64	25	62	S25-8	96	18
28	F1682	64	38	63	F862	96	19
29	SI-51	64	39	64	T87	96	20
30	H437	70	1	65	F1694	96	22
31	H111	70	2	66	F2271	96	24
32	F3146	70	27	67	SI-51	96	25
33	F975A	70	28	68	F2268	96	27
34	F977	70	29	69	F1696	96	28
35	W630	70	30	70	P0172A	96	29
36	F976	70	31	71	NA64J	97	6

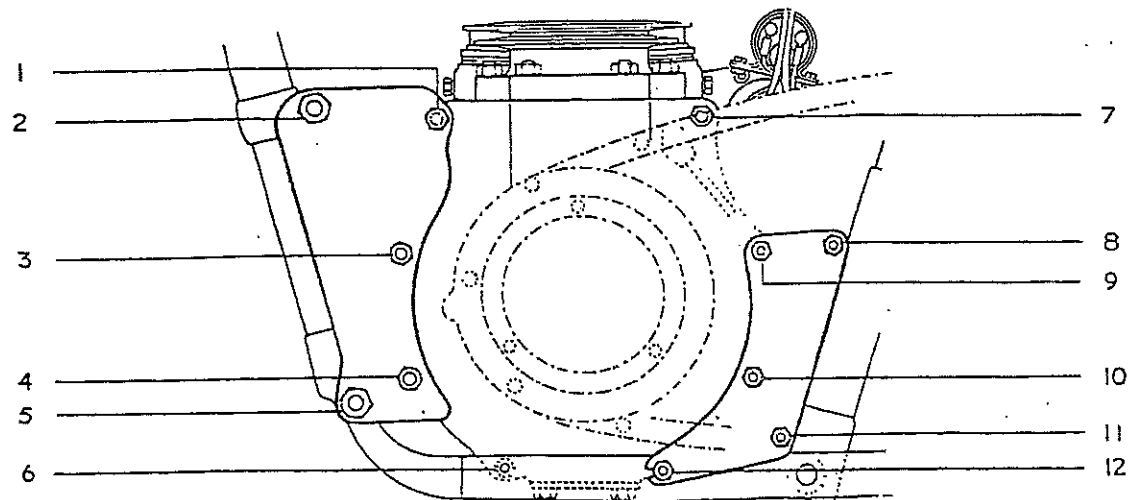




6T, T100 AND T100C



TR5



5T

INDEX

6T, T100 AND T100c MODELS

Illust. No.	Part No.		Illust. No.	Part No.	
1, 3, 4	F.1711	Stud	6	T.456	Stud
	PO.172A	Nut		S.1-51	Nut
	S.26-1	Washer		S.25-3	Washer
2	F.2414	Stud	7	E.1555	Bolt
	DS.47	Nut		S.25-3	Washer
	PCW73A	Washer			
5	F.1680	Stud	8, 9, 10 11 & 12	F.839	Stud
	DS.47	Nut		PO.172A	Nut
	PCW73A	Washer		S.26-1	Washer

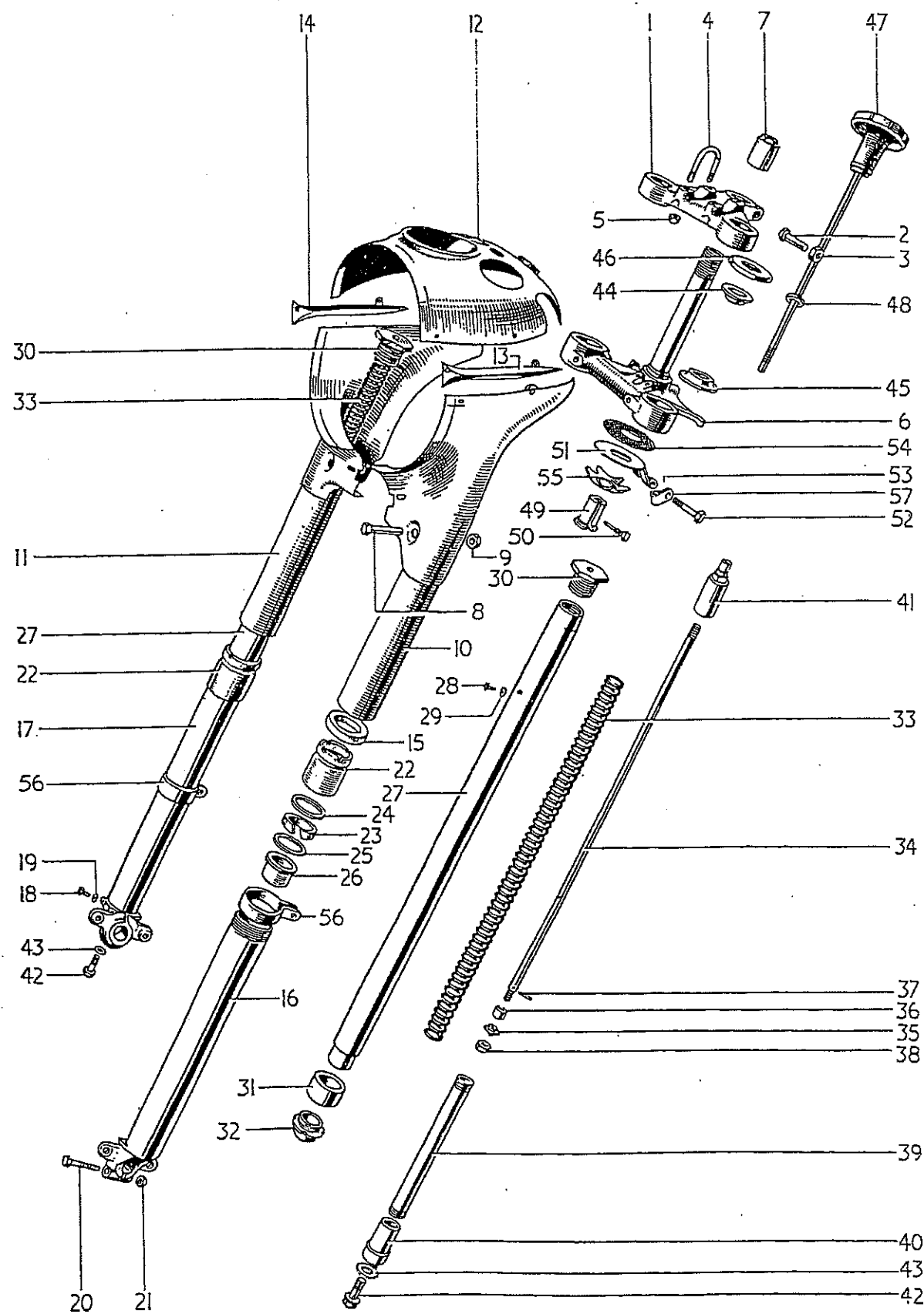
TR5 MODELS

Illust. No.	Part No.		Illust. No.	Part No.	
1, 2, 3 & 4	F.1711	Stud	7	T.456	Stud
	PO.172A	Nut		S.1-51	Nut
	S.26-1	Washer		S.25-3	Washer
5, 9, 11 & 13	F.839	Stud	8	E.1555	Bolt
	PO.172A	Nut		S.25-3	Washer
	S.26-1	Washer			
6	F.1711	Stud	10 & 12	E.522	Stud
	E.3004	Nut		S.1-51	Nut
	S.26-1	Washer		S.25-3	Washer

5T

Illust. No.	Part No.		Illust. No.	Part No.	
1, 3, 4	F.1711	Stud	6	T.459	Stud
	PO.172A	Nut		S.1-51	Nut
	S.26-1	Washer		S.25-3	Washer
2	F.2414	Stud	7	E.1555	Bolt
	DS.47	Nut		S.25-3	Washer
	PCW73A	Washer			
5	F.1680	Stud	8, 9, 10 11 & 12	F.839	Stud
	DS.47	Nut		PO.172A	Nut
	PCW73A	Washer		S.26-1	Washer





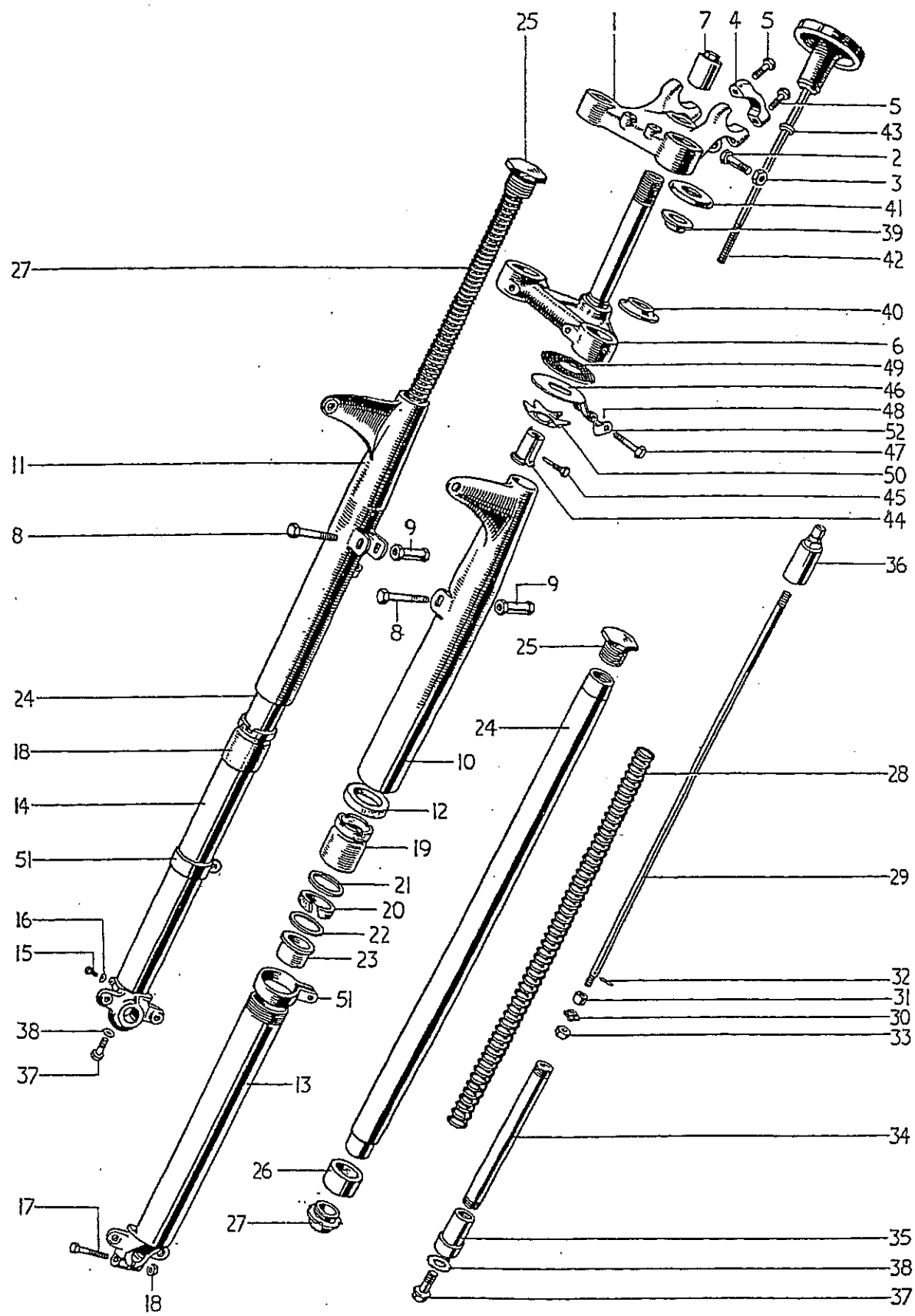
5T, 6T, T100 AND T100C TELESCOPIC FORK

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	H390	Sleeve, cover tube dust excluder	2	2	2	2	2
2	H391	Washer, " " " " felt	2	2	2	2	2
3	H445	Washer, inner—for H391	2	2	2	2	2
4	H431	" outer—" " "	2	2	2	2	2
5	H441	Bearing, bottom cover tube	2	2	2	2	2
6	H382A	Stanchion	2	2	—	2	2
7	H382	"	—	—	2	—	—
8	H519A	Plug, stanchion oil filler	2	2	—	2	2
9	H430	Washer " " " "	2	2	—	2	2
10	H432A	Nut, " upper sleeve cap	2	2	—	2	2
11	H432	" " " " "	—	—	2	—	—
12	H443	Bearing, stanchion lower	2	2	2	2	2
13	H444	Nut, " hydraulic stop	2	2	2	2	2

MODELS 5T, 6T, T100 AND T100C

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Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	H663A	65	5	30	H432A	67	10
2	F1760	65	7	31	H443	67	12
3	H379	65	8	32	H444	67	13
4	H660	65	9	33	H750	69	1
5	S1-51	65	11		H505	69	2
6	H659	65	14	34	H399A	69	5
7	H405	65	16	35	H452	69	7
8	H570	65	17	36	H453	69	8
9	H518	65	18	37	H454	69	9
10	H799	65	21	38	F879	69	10
11	H800	65	22	39	H394	69	11
12	H812	65	25	40	H395	69	12
	H761	65	26	41	H397	69	13
13	H623	65	32	42	H398	69	15
14	H624	65	33	43	E1335	69	16
15	H420	65	38	44	H438	70	3
16	H414	65	39	45	H439	70	4
17	H415	65	40	46	H407	70	7
18	H519	65	41	47	H536	70	8
19	H430	65	42	48	H565	70	9
20	F1760	65	43	49	H408	70	10
21	H379	65	44	50	H409	70	11
22	H390	67	1	51	H413	70	12
23	H391	67	2	52	F1718	70	14
24	H445	67	3	53	S1-51	70	15
25	H431	67	4	54	H435	70	17
26	H441	67	5	55	H95	70	18
27	H382A	67	6	56	H428	80	4
28	H519A	67	8	57	F3098	102	33
29	H430	67	9				



TR5 TELESCOPIC FORK

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	H750	Spring, main (identification GREEN) ...	2	2	2	2	2
2	H505	" " ( " BLUE) Sidecar	2	2	—	2	2
3	H521A	Pressure tube assembly ...	2	2	—	2	2
4	H521	" " " ...	—	—	2	—	—
5	H399A	Rod, oil pressure ...	2	2	—	2	2
6	H399	" " " ...	—	—	2	—	—
7	H452	Restrictor, oil ...	2	2	2	2	2
8	H453	Cup, oil restrictor rod ...	2	2	2	2	2
9	H454	Pin, " " " cup ...	2	2	2	2	2
10	F879	Nut, " " " ...	2	2	2	2	2
11	H394	Tube, pressure ...	2	2	2	2	2
12	H395	Body, " tube valve ...	2	2	2	2	2
13	H397	Sleeve, " " support ...	2	2	2	2	2
14	H500	Pin, valve body ...	2	2	2	2	2
15	H398	Bolt, " " to lug ...	2	2	2	2	2
16	E1335	Washer, valve body to lug bolt ...	2	2	2	2	2

TR5 MODEL

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Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	H789	65	6	27	H444	67	13
2	F1760	65	7	28	H750	69	1
3	H379	65	8	29	H399	69	6
4	H722	65	12	30	H452	69	7
5	H436	65	13	31	H453	69	8
6	H790	65	15	32	H454	69	9
7	H405	65	16	33	F879	69	10
8	H570	65	17	34	H394	69	11
9	H723	65	19	35	H395	69	12
10	H421	65	23	36	H397	69	13
11	H422	65	24	37	H398	69	15
12	H420	65	38	38	E1335	69	16
13	H414	65	39	39	H438	70	3
14	H415	65	40	40	H439	70	4
15	H519	65	41	41	H407	70	7
16	H430	65	42	42	H536	70	8
17	F1760	65	43	43	H565	70	9
18	H379	65	44	44	H408	70	10
19	H390	67	1	45	H409	70	11
20	H391	67	2	46	H724	70	13
21	H445	67	3	47	F1718	70	14
22	H431	67	4	48	H518	70	16
23	H441	67	5	49	H435	70	17
24	H382	67	7	50	H95	70	18
25	H432	67	11	51	H428	80	4
26	H443	67	12	52	F3098	102	33

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>STEERING CUPS, CONES AND BALLS</b>							
1	H437	Cup, frame lug, top	...	...	...	1	1
2	H111	" " " bottom	...	...	...	1	1
3	H438	Cone, head lug, top	...	...	...	1	1
4	H439	Cone, crown and stem, bottom	...	...	...	1	1
5	S70-4	Ball, top race $\frac{3}{8}$ "	...	...	...	22	22
6	S70-3	Ball, bottom race $\frac{1}{4}$ "	...	...	...	20	20
7	H407	Cover, top cone dust	...	...	...	1	1

<b>STEERING DAMPER</b>							
8	H536	Knob, c/w rod	...	...	...	1	1
9	H565	Washer, damper knob abutment	...	...	...	1	1
10	H408	Sleeve, " adjusting	...	...	...	1	1
11	H409	Pin, sleeve securing	...	...	...	1	1
12	H413	Plate, damper anchor	...	...	...	1	1
13	H724	" " " "	...	...	...	1	1
14	F1718	Bolt, damper anchor plate	...	...	...	1	1
15	S1-51	Nut, " " " "	...	...	...	1	1
16	H518	Nut, " " " "	...	...	...	1	1
17	H435	Disc, " " " friction	...	...	...	1	1
18	H95	Plate, " " " spring	...	...	...	1	1

### STAND GROUP

<b>FRONT STAND</b>							
19	H412	Stand assembly, front	...	...	...	1	1
20	DS55	Bolt, front guard to stand	...	...	...	1	1
21	S1-51	Nut, " " " " bolt	...	...	...	1	1
22	NS362	" " stand to guard spigot	...	...	...	1	1
23	H424	Screw, " " " fork pivot	...	...	...	2	2
24	S25-3	Washer, pivot screw plain	...	...	...	2	2
25	H425	" " " spring	...	...	...	2	2

<b>REAR STAND</b>							
26	F1834	Stand assembly, rear	...	...	...	1	1
27	F3146	" " " "	...	...	...	1	1
28	F975A	Spring, rear stand	...	...	...	1	1
29	F977	Bolt, " " " pivot	...	...	...	2	2
30	W630	Nut, " " " " bolt	...	...	...	2	2
31	F976	Washer, rear stand pivot bolt	...	...	...	2	2

ALWAYS PRINT YOUR ORDER

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>FRONT WHEEL GROUP</b>							

NOTE.—Spokes with specially angled heads ensures very sturdy wheel construction.

To maintain this condition, state clearly when ordering sundry spokes :

- (a) Side of wheel, i.e., brake side or reverse ; L/H or R/H
  - (b) Whether head of spoke is toward or away from wheel centre
- |                    |                      |
|--------------------|----------------------|
| 98° Towards centre | 99° Away from centre |
| 88° " " "          | 90° " " "            |

1	W937	Wheel, front complete	...	...	...	1	1
2	W944	" " " "	...	...	...	1	1
3	W938	" " less internal and brake fittings	...	...	...	1	1
4	W945	" " " " " " " "	...	...	...	1	1
5	W351	Rim, front wheel WM2-19	...	...	...	1	1
6	WB70	" " " " WMI-20	...	...	...	1	1
7	*W660	Spoke, long, $8\frac{11}{16}$ " x 10G—88° L/H	...	...	...	10	10
8	*W661	" " $8\frac{11}{16}$ " x 10G—90° L/H	...	...	...	10	10
9	*W354	" " $9\frac{1}{8}$ " x 10G—78° L/H	...	...	...	10	10
10	*W354X	" " $9\frac{1}{8}$ " x 10G—99° L/H	...	...	...	10	10
11	*W933	Spoke, short $6\frac{3}{8}$ " x 10G—83° R/H	...	...	...	10	10
12	*W934	" " $6\frac{3}{8}$ " x 10G—94° R/H	...	...	...	10	10
13	*W942	" " $7\frac{1}{8}$ " x 10G—81° R/H	...	...	...	10	10
14	*W943	" " $7\frac{1}{8}$ " x 10G—96° R/H	...	...	...	10	10
15	*S79-2	Nipple, spoke	...	...	...	40	40
16	W573A	Hub	...	...	...	1	1
17	W940	Drum, brake	...	...	...	1	1
18	W62	Bolt, " drum to hub	...	...	...	8	8
19	S1-51	Nut, " " " " "	...	...	...	8	8
20	W63	Lockplate, brake drum nut	...	...	...	4	4
21	W578	Spindle, front wheel hub	...	...	...	1	1
22	W761	Sleeve and collar, spindle	...	...	...	1	1
23	W544	Nut, spindle	...	...	...	1	1
24	W545	Washer, spindle nut	...	...	...	1	1
25	W653	Bearing, front wheel hub	...	...	...	2	2
26	W581	Distance piece, bearing	...	...	...	1	1
27	W582	Ring nut, bearing retaining	...	...	...	1	1
28	W583	Cap, bearing dust	...	...	...	1	1

\*Spokes and Nipples are not supplied separately

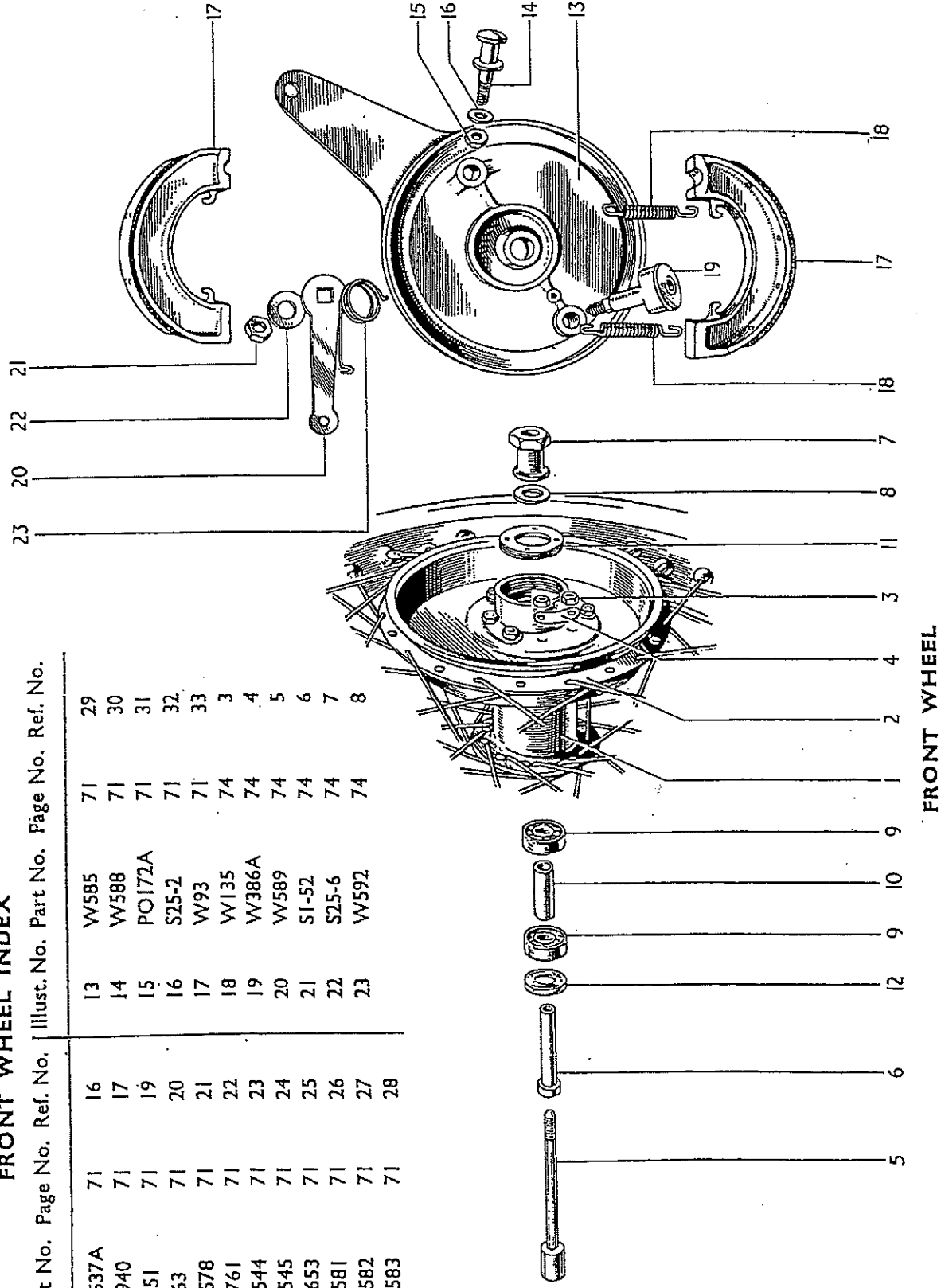
### FRONT WHEEL BRAKE

29	W585	Plate, front brake anchor	...	...	...	1	1
30	W588	Pin, " " shoe fulcrum	...	...	...	1	1
31	PO172A	Nut, fulcrum pin	...	...	...	1	1
32	S25-2	Washer fulcrum pin	...	...	...	1	1
33	W93	Shoe, brake c/w lining	...	...	...	2	2

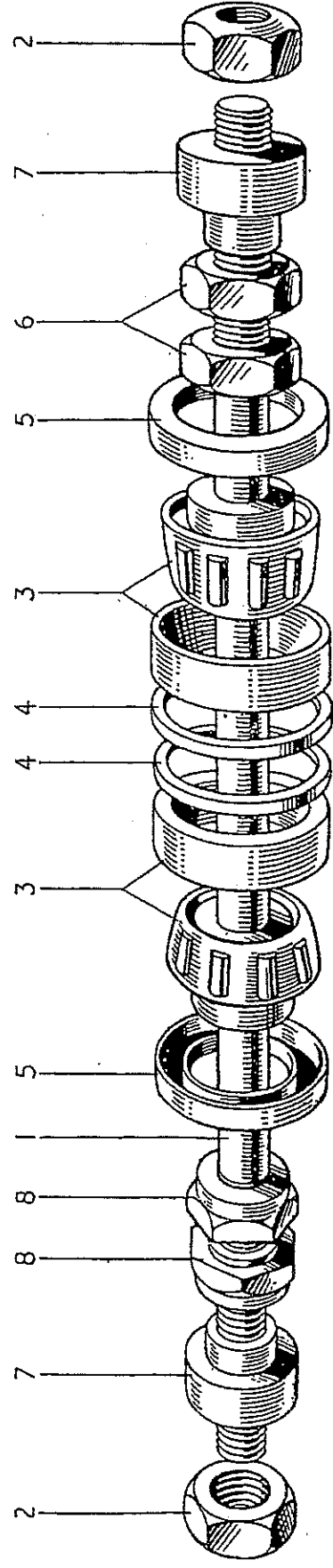
ALWAYS QUOTE PART NUMBER

**FRONT WHEEL INDEX**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	W537A	71	16	13	W585	71	29
2	W940	71	17	14	W588	71	30
3	S1-51	71	19	15	PO172A	71	31
4	W63	71	20	16	S25-2	71	32
5	W578	71	21	17	W93	71	33
6	W761	71	22	18	W135	74	3
7	W544	71	23	19	W386A	74	4
8	W545	71	24	20	W589	74	5
9	W653	71	25	21	S1-52	74	6
10	W581	71	26	22	S25-6	74	7
11	W582	71	27	23	W592	74	8
12	W583	71	28				



**FRONT WHEEL**



**REAR WHEEL SPINDLE ASSEMBLY**

**INDEX**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	W61	74	25	5	W12	74	29
2	TS42	74	26	6	W4	74	30
3	W7A	74	27	7	W6	74	31
4	NW225	74	28	8	W5	74	35

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	NW243	Lining, brake shoe ...	2	2	2	2	2
2	W129	Rivets, ,, ,, lining ...	16	16	16	16	16
3	W135	Spring, ,, ,, return ...	2	2	2	2	2
4	W386A	Cam, brake operating ...	1	1	1	1	1
5	W589	Lever, brake cone ...	1	1	1	1	1
6	SI-52	Nut, ,, ,, lever ...	1	1	1	1	1
7	S25-6	Washer, ,, ,, ,, ...	1	1	1	1	1
8	W592	Spring, ,, ,, ,, return ...	1	1	1	1	1
9	WF32	Pin, ,, ,, ,, pivot ...	1	1	1	1	1
10		1/16" x 1/2" Split pin, pivot pin ...	1	1	1	1	1

### REAR WHEEL GROUP (RIGID)

11	W949	Wheel, rear complete ...	1	1	—	1	1
12	W950	" " " " " " " "	—	—	1	—	—
13	W860	" " " " " " " "	1	1	—	1	1
14	W889	" " " " " " " "	—	—	1	—	—
15	W79A	Rim, rear wheel WM2-19 ...	1	1	—	1	1
16	W270A	Rim, rear wheel WM3-19 ...	—	—	1	—	—
17	*NW125	Spoke, 8 3/4" x 9G-100° ...	20	20	20	20	20
18	*NW125X	" " " " " " " "	20	20	20	20	20
19	*TW5	Nipple, spoke ...	40	40	40	40	40
20	W861	Hub ...	1	1	1	1	1
21	W951	Sprocket and drum (46T) ...	1	1	1	1	1
22	W62	Bolt, sprocket and drum to hub ...	8	8	8	8	8
23	SI-51	Nut, " " " " " " " "	8	8	8	8	8
24	W63	Lockplate, sprocket and drum nut ...	8	8	8	8	8
25	W61	Spindle, rear wheel hub ...	1	1	1	1	1
26	TS42	Nut, ,, ,, spindle ...	2	2	2	2	2
27	W7A	Bearing, ,, ,, ,, ,, ,, ,,	2	2	2	2	2
28	NW225	Ring, bearing backing ...	2	2	2	2	2
29	W12	Cap, ,, dust ...	2	2	2	2	2
30	W4	Nut, ,, adjusting lock ...	2	2	2	2	2
31	W6	Collar, chain adjuster thrust ...	2	2	2	2	2
32	D106	Bolt, tyre security ...	1	1	—	1	1
33	WM3	" " " " " " " "	—	—	1	—	—

\* Spokes and nipples are not supplied separately

### REAR WHEEL BRAKE

34	W762	Plate, rear brake anchor ...	1	1	1	1	1
35	W5	Locknut, rear brake anchor plate ...	2	2	2	2	2
36	W93	Shoe assembly, rear with lining ...	2	2	2	2	2
37	NW243	Lining, rear brake shoe ...	2	2	2	2	2
38	W129	Rivet, brake shoe lining ...	16	16	16	16	16
39	W135	Spring, brake shoe return ...	2	2	2	2	2
40	W856	Cam assembly, rear brake ...	1	1	1	1	1
41	W74A	Lever, rear brake cam ...	1	1	1	1	1
42	SI-52	Nut, ,, ,, ,, lever ...	1	1	1	1	1
43	W123	Spring, ,, ,, ,, ,, return ...	1	1	1	1	1

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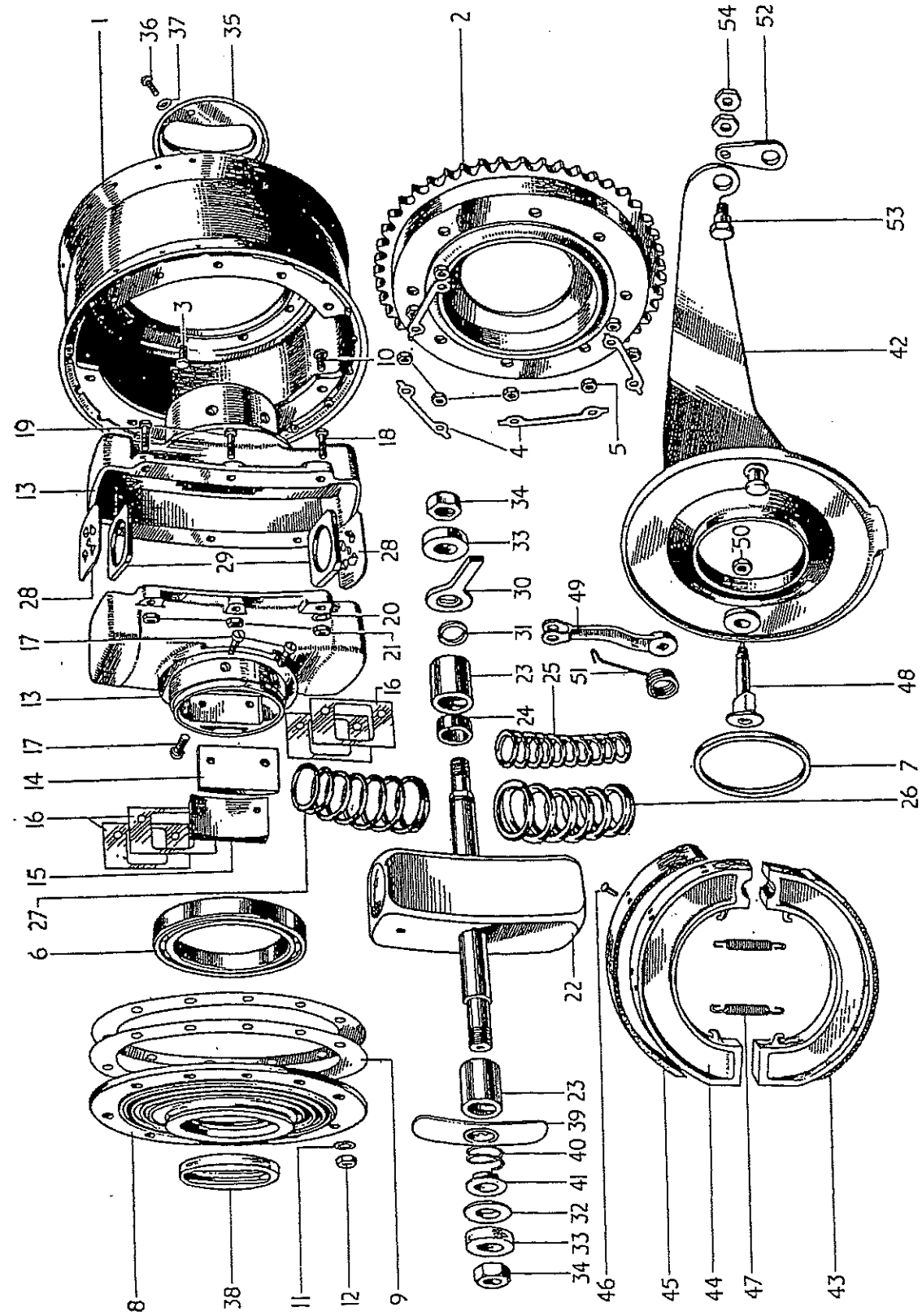
### REAR SPRING WHEEL GROUP

#### MARK 2

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c	
i	W925A	Wheel, rear spring, complete ...	1	1	—	1	1	
2	W924A	" " " " " " " "	—	—	1	—	—	
3	W643	Rim, ,, ,, wheel W2-19 ...	1	1	—	1	1	
4	W894	" " " " " " " "	—	—	1	—	—	
5	W644	Spoke ...	40	40	40	40	40	
6	S79-2	Nipple, spoke ...	40	40	40	40	40	
7	W905	Hub ...	1	1	1	1	1	
8	W903	Drum, sprocket and brake ...	1	1	1	1	1	
9	W641	Bolt, brake drum to hub ...	8	8	8	8	8	
10	W642	Lockplate, brake drum bolt, ...	4	4	4	4	4	
11	F879	Nut, brake drum bolt ...	8	8	8	8	8	
12	W897	Bearing, wheel ...	2	2	2	2	2	
13	W904	Spacer ring, bearing L/H ...	1	1	1	1	1	
14	W909	End plate, hub ...	1	1	1	1	1	
15	W744	Shim, end plate ...	9	9	9	9	9	
16	W640	Bolt, end plate to hub shell ...	10	10	10	10	10	
17	E2312	Washer, end plate to hub shell ...	10	10	10	10	10	
18	F879	Nut, end plate to hub shell ...	10	10	10	10	10	
19	W931	Plunger, guide box assembly ...	1	1	1	1	1	
20	W906/7	Box, plunger guide ...	1	1	1	1	1	
21	W935	Pad, front slipper (Convex) ...	2	2	2	2	2	
22	W936	" " " " (Concave) ...	2	2	2	2	2	
23	W866	Shim, slipper pad .002" thick ...	As required					
24	W867	" " " " .003" " " " "	As required					
25	W638	Screw, ,, ,, ,, ,, ,, ,,	8	8	8	8	8	
26	E1562	Bolt, plunger guide box (top rear and bottom front) ...	2	2	2	2	2	
27	W932	Bolt, plunger guide box ...	4	4	4	4	4	
28	E2312	Washer, ,, ,, ,, bolt ...	6	6	6	6	6	
29	SI-40	Nut, " " " " " " " "	6	6	6	6	6	
30	W895	Axle and guide assembly ...	1	1	1	1	1	
31	W908	Roller, slipper ...	2	2	2	2	2	
32	W766	Sleeve, slipper roller distance L/H ...	1	1	1	1	1	
33	W837	Spring, inner main ...	1	1	1	1	1	
34	W836	" " outer main ...	1	1	1	1	1	
35	W890	" " rebound ...	1	1	1	1	1	
36	W941	Plate, spring locator ...	2	2	2	2	2	
37	W658A	Buffer, spring (rubber) ...	2	2	2	2	2	
38	W639	Lever, axle shaft anchorage ...	1	1	1	1	1	
39	W634	Circlip, axle shaft split ...	2	2	2	2	2	
40	W798	Collar, ,, ,, distance R/H ...	1	1	1	1	1	
41	W633	" " " " " " " "	2	2	2	2	2	
42	W635	Nut, axle shaft ...	2	2	2	2	2	
43	W901	Cover, dust excluder L/H ...	1	1	1	1	1	
44	H687	Screw, ,, ,, cover ...	2	2	2	2	2	
45	GS299	Washer, ,, ,, ,, ,, ,, ,,	2	2	2	2	2	

PLEASE STATE COLOUR WHEN ORDERING





MARK 2—SPRING WHEEL

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	W849	Cover, dust excluder R/H	1	1	1	1	1
2	W898	Plate, " " "	2	2	2	2	2
3	W799	Spring, " " plate	2	2	2	2	2
4	W900	Sleeve, " " " centre	2	2	2	2	2
5	DI06	Bolt, tyre security	1	1	1	2	2
<b>SPRING WHEEL BRAKE</b>							
6	W920A	Plate, brake anchor	—	—	1	—	—
7	W921A	" " " "	1	1	—	1	1
8	W911	Shoe, c/w lining trailing brake	1	1	1	1	1
9	W912	" " " " " "	1	1	1	1	1
10	W631	Lining, brake	2	2	2	2	2
11	W129	Rivet, " shoe lining	16	16	16	16	16
12	W135	Spring, " " return	2	2	2	2	2
13	W915	Cam, brake operating	1	1	1	1	1
14	W74A	Lever, brake operating	1	1	1	1	1
15	SI-52	Nut, " " lever	1	1	1	1	1
16	W123	Spring, " " " return	1	1	1	1	1
17	W626	Link, brake anchorage	1	1	—	1	1
18	W855	" " " "	—	—	1	—	—
19	W784	Bolt, " " "	1	1	1	1	1
20	W630	Nut, " " bolt	2	2	2	2	2
21	W743	Nut, brake anchorage to spindle	1	1	1	1	1
22		$\frac{3}{32}$ " x 1" split pin, for W743 nut	1	1	1	1	1
23	F1015C	Rod, brake operating	—	—	1	—	—
24	F1015B	" " " "	1	1	—	1	1

**REAR SPRING WHEEL  
INDEX TO ILLUSTRATION ON PAGE 76**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	W905	75	7	29	W658A	75	37
2	W903	75	8	30	W639	75	38
3	W641	75	9	31	W634	75	39
4	W642	75	10	32	W798	75	40
5	F879	75	11	33	W633	75	41
6	W897	75	12	34	W635	75	42
7	W904	75	13	35	W901	75	43
8	W909	75	14	36	H687	75	44
9	W744	75	15	37	GS299	75	45
10	W640	75	16	38	W849	77	1
11	E2312	75	17	39	W898	77	2
12	F879	75	18	40	W799	77	3
13	W906/7	75	20	41	W900	77	4
14	W935	75	21	42	W920A	77	6
15	W936	75	22	43	W921A	77	7
16	W866	75	23	44	W911	77	8
	W867	75	24	45	W912	77	9
17	W638	75	25	46	W631	77	10
18	E1562	75	26	47	W129	77	11
19	W932	75	27	48	W135	77	12
20	E2312	75	28	49	W915	77	13
21	SI-40	75	29	50	W74A	77	14
22	W895	75	30	51	SI-52	77	15
23	W908	75	31	52	W123	77	16
24	W766	75	32	53	W626	77	17
25	W837	75	33	54	W855	77	18
26	W836	75	34		W784	77	19
27	W890	75	35		W630	77	20
28	W941	75	36				

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

**MUDGUARD GROUP**

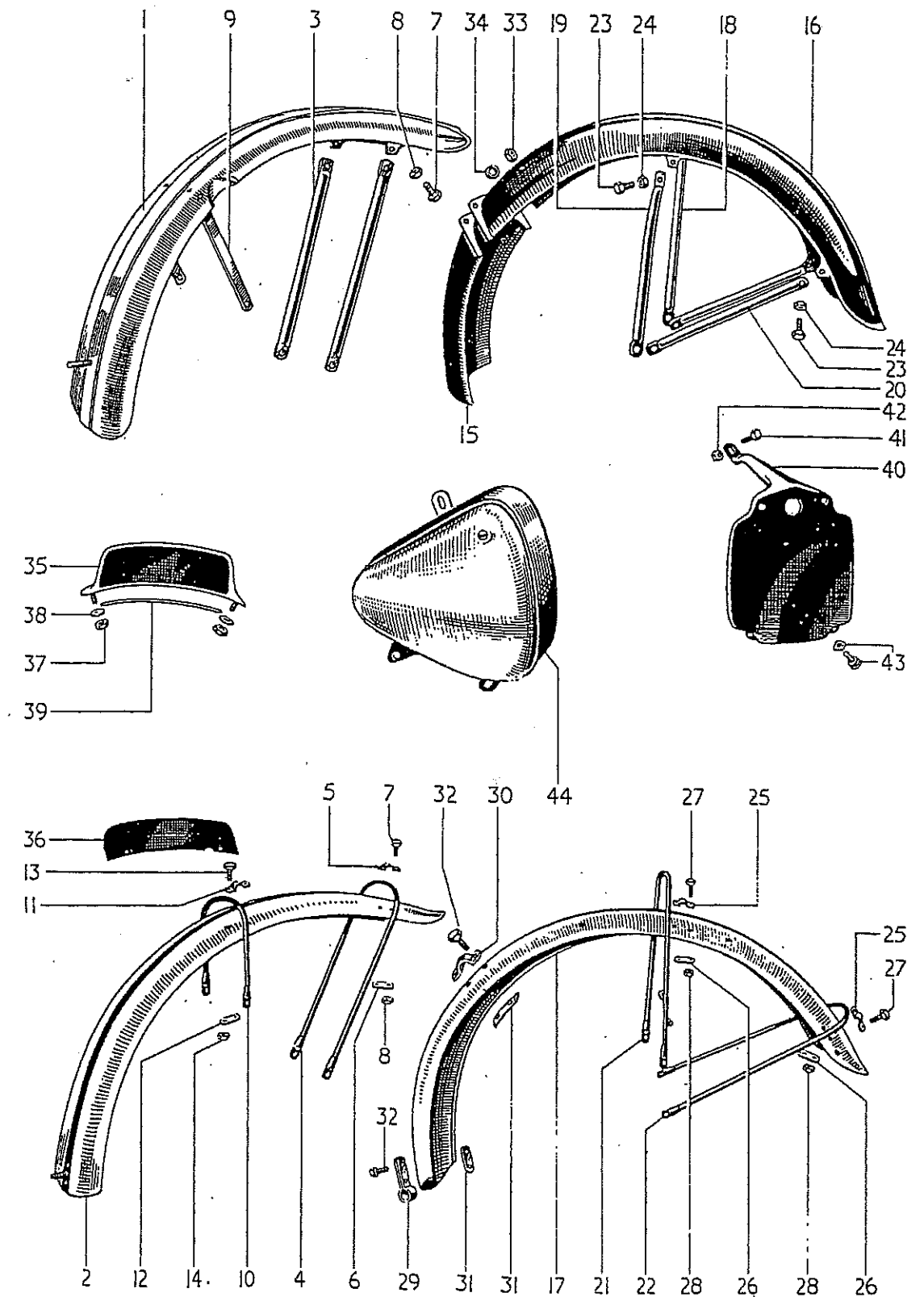
**FRONT MUDGUARD**

1	H566	Mudguard assembly, less front stays	...	1	1	—	1	1
2	H716	Blade only, front mudguard	...	—	—	1	—	—
3	H569	Stay, " "	...	2	2	—	2	2
4	H719	" " " "	...	—	—	1	—	—
5	H532	Clip, " " stay	...	—	—	2	—	—
6	H533	Backing strip, clip	...	—	—	2	—	—
7	DS57	Bolt, stay to mudguard	...	2	2	4	2	2
8	E1612	Washer, stay to mudguard bolt...	...	2	2	4	2	2
9	F879	Nut, " " " "	...	2	2	4	2	2
10	H427	Bridge, mudguard support	...	1	1	—	1	1
11	H717	Bridge, " " " "	...	—	—	1	—	—
12	H532	Clip, " " bridge	...	—	—	2	—	—
13	H533	Backing strip, clip	...	—	—	2	—	—

**MUDGUARDS**

**INDEX TO ILLUSTRATION ON PAGE 79**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	H566	78	1	22	F3001	80	25
2	H716	78	2	23	F2335	80	26
3	H569	78	3	24	S1-51	80	28
4	H719	78	4	25	H532	80	29
5	H532	78	5	26	H533	80	30
6	H533	78	6	27	DS57	80	31
7	DS57	78	7	28	F879	80	32
8	F879	78	9	29	F2717	80	34
9	H427	78	10	30	PF204	80	35
10	H717	78	11	31	F444	80	36
11	H532	78	12	32	S23-42	80	37
12	H533	78	13	33	E1720	80	42
13	DS57	80	1	34	S26-2	80	43
14	F879	80	3	35	F2698	81	1
15	F2756	80	15	36	F2996	81	2
	F3330	80	16	37	F879	81	5
16	F3012	80	17	38	S26-2	81	7
17	F2998	80	18	39	H251	81	8
18	F3170	80	20	40	F3363	81	9
	F2763	80	22	41	F929	81	10
19	F2761	80	21	42	S1-51	81	11
20	F2764	80	23	43	D274	81	13
21	F2999	80	24	44	F1692A	99	1



**FRONT AND REAR MUDGUARDS**

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	DS57	Bolt, bridge to mudguard	—	—	4	—	—
2	E1612	Washer, " " " bolt	—	—	4	—	—
3	F879	Nut, " " " " "	—	—	4	—	—
4	H428	Clip, support bridge to fork	2	2	2	2	2
5	H426	Bolt, " " " " clip L/H	1	1	—	1	1
6	F1031	" " " " " " "	—	—	1	—	—
7	H451	" " " " " " R/H	1	1	—	1	1
8	H622	Bolt, support bridge to fork clip R/H	—	—	1	—	—
9	PO172A	Nut, clip bolt	2	2	2	2	2
10	S26-1	Washer, clip bolt nut	2	2	2	2	2
11	F929	Bolt, mudguard stay to fork end	2	2	—	2	2
12	F2335	" " " " " " "	—	—	2	—	—
13	S26-3	Washer, " " " " " " "	2	2	2	2	2

#### LICENCE HOLDER

14	D261	Licence holder, etc.	1	1	1	1	1
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#### REAR MUDGUARD

15	F2756	Mudguard, front section	1	1	—	—	—
16	F3330	" " " " " "	—	—	—	1	1
17	F3012	" rear " " " "	1	1	—	1	1
18	F2998	Blade only, mudguard rear	—	—	1	—	—
19	F3327	Grommet, rubber	—	—	—	1	1
20	F3170	Stay, mudguard centre R/H	—	—	—	1	1
21	F2761	" " " " L/H	1	1	—	1	1
22	F2763	" " " " R/H	1	1	—	—	—
23	F2764	" " rear " " " "	2	2	—	2	2
24	F2999	" " centre " " " "	—	—	1	—	—
25	F3001	" " rear " " " "	—	—	1	—	—
26	F2335	Bolt, stay to mudguard	4	4	—	4	4
27	E2287	Washer, stay to mudguard bolt	4	4	—	4	4
28	S1-51	Nut, " " " " " "	4	4	—	4	4
29	H532	Clip, centre and rear stay	—	—	4	—	—
30	H533	Backing strip, clip	—	—	4	—	—
31	DS57	Bolt, clip to mudguard	—	—	8	—	—
32	F879	Nut, " " " " bolt	—	—	8	—	—
33	E1612	Washer, clip to mudguard bolt	—	—	8	—	—
34	F2717	Clip, mudguard to frame lower	—	—	1	—	—
35	PF204	" " " " " " "	1	1	1	1	1
36	F444	Backing plate for PF204 clip	1	1	2	1	1
37	S23-42	Bolt, clip and backing plate	2	2	4	2	2
38	S25-1	Washer, clip and backing plate	2	2	4	2	2
39	E579	Bolt, mudguard stay to frame	2	2	—	2	2
40	F1031	" " " " " " "	—	—	2	—	—
41	S25-2	Washer, " " " " " bolt	2	2	—	2	2
42	E1720	Nut, frame to rear section mudguard stud	2	2	—	2	2
43	S26-2	Washer " " " " " " "	2	2	—	2	2

DO NOT FORGET TO SIGN YOUR ORDER

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
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### NUMBER PLATE GROUP

#### FRONT NUMBER PLATE

1	F2698	Plate assembly, number	1	1	—	1	1
2	F2996	" " " " " " "	—	—	1	—	—
3	H741	Clip, plate to mudguard c/w nut and bolt	—	—	2	—	—
4	H687	Screw, " " " " clip	—	—	2	—	—
5	F879	Nut, " " stud " " " "	2	2	—	2	2
6	H745	" " " " clip screw	—	—	2	—	—
7	S26-2	Washer, stud " " " " " "	2	2	—	2	2
8	H251	Beading, plate (rubber)	1	1	—	1	1

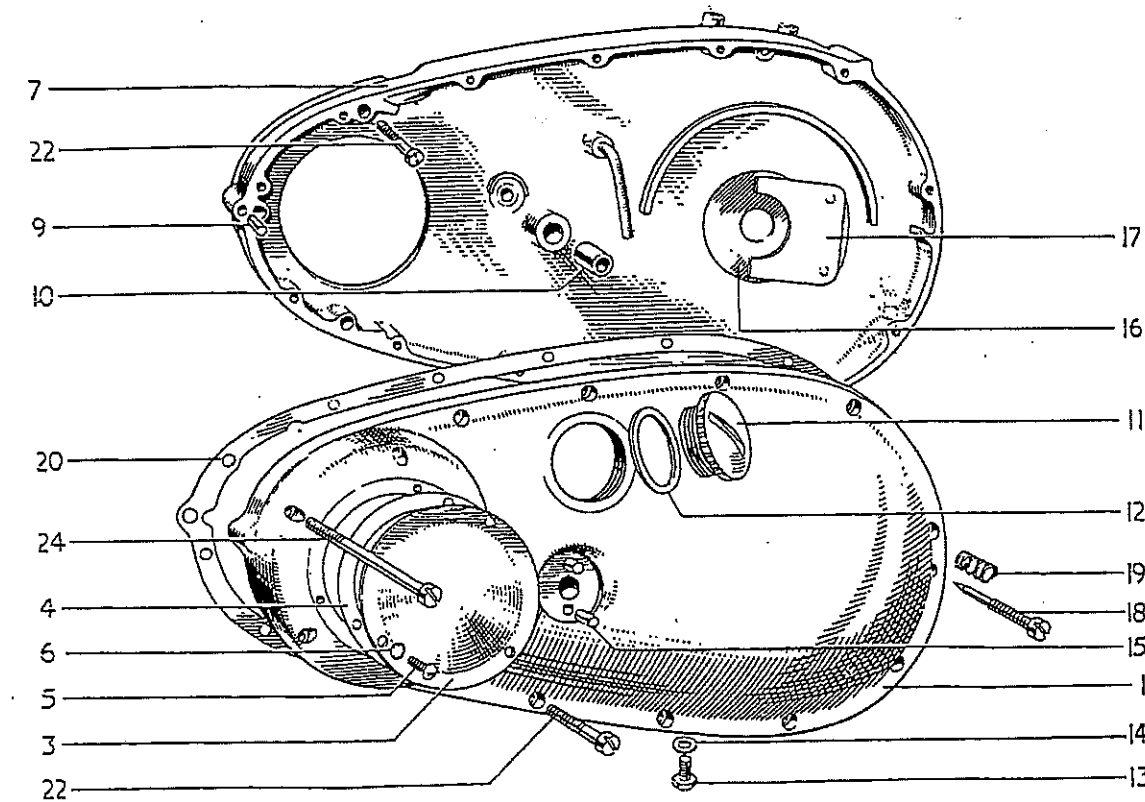
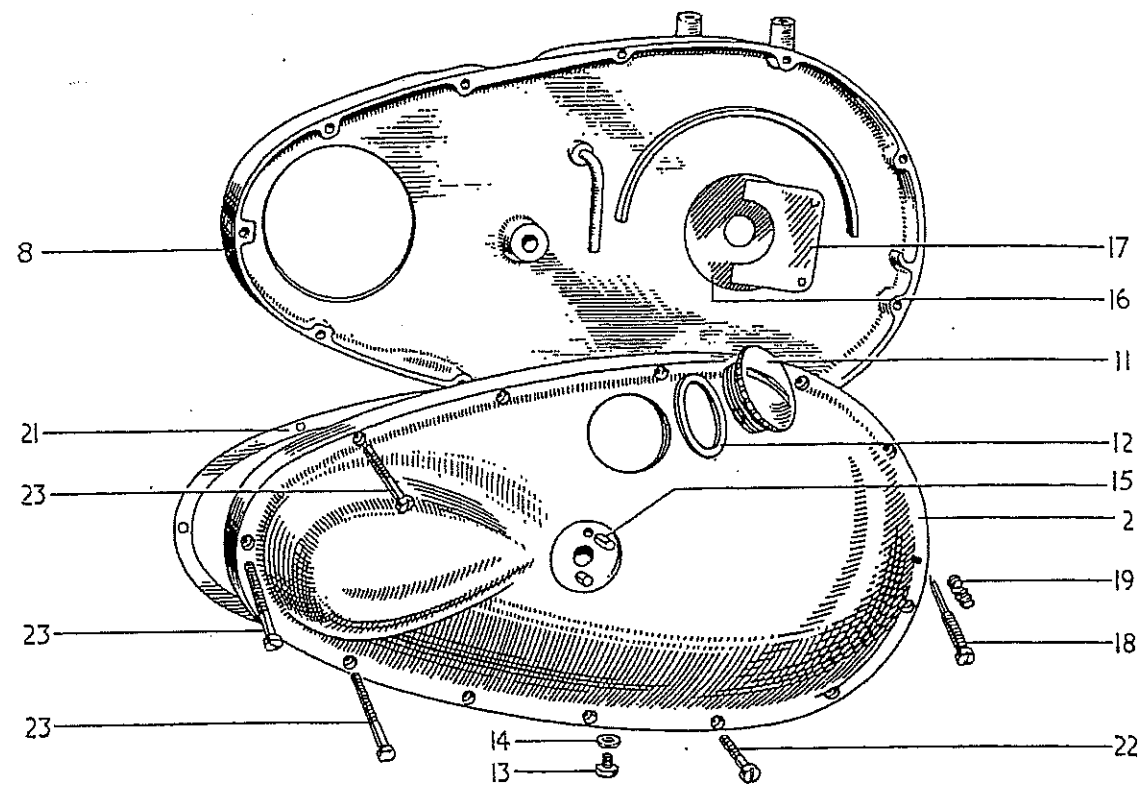
#### REAR NUMBER PLATE

9	F3363	Plate, rear number	1	1	1	1	1
10	F929	Bolt, " " " " plate top	1	1	1	1	1
11	S1-51	Nut, " " " " " " bolt	1	1	1	1	1
12	S26-3	Washer, number plate top bolt	1	1	1	1	1
13	D274	Reflector, c/w nut	2	2	2	2	2
14	S25-3	Washer, reflector spring	2	2	2	2	2
15	D68	Transfer, number plate (gold and white)	1	1	—	—	—
16	D68A	" " " " (blue and white)	—	—	1	1	1

### PRIMARY CHAINCASE GROUP

17	T.1056	Cover, chaincase outer	1	—	—	—	—
18	T480A	" " " " " " "	—	1	—	1	1
19	T478A	" " " " " " "	—	—	1	—	—
20	T991	" " " " " inspection	1	—	—	—	—
21	T990	Washer, " " " " " " "	1	—	—	—	—
22	H687	Screw, " " " " " " "	3	—	—	—	—
23	GS299	Washer, " " " " " screw	3	—	—	—	—
24	T1055	Cover, " " " " " inner	1	—	—	—	—
25	T1030	" " " " " " " "	—	1	—	1	1
26	T1029	" " " " " " " "	—	—	1	—	—
27	E1579	Dowel, " " " " " " "	1	—	—	—	—
28	T1058	Hollow dowel, chaincase inner	1	—	—	—	—
29	T1059	Sleeve, " " " " (Rubber)	1	—	—	—	—
30	NT367	Plug, chaincase oil filler	1	1	1	1	1
31	NT376	Washer, " " " " " plug	1	1	1	1	1
32	PCE102F	Plug, " " " " " drain	1	1	1	1	1
33	WE170	Washer, " " " " " plug	1	1	1	1	1

SEE SPECIMEN ORDER IN PREFACE



PRIMARY CHAINCASES

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	NT316	Dowel, chaincase to footrest ...	...	2	2	2	2
2	T1031	Plate, " oil retainer ...	...	1	1	1	1
3	T91	Plate, chaincase oil retainer spring ...	...	1	1	1	1
4	T177A	Rivet, " " " plate ...	...	2	2	2	2
5	T496	Adjuster, rear chain oiler ...	...	1	1	1	1
6	T497	Spring, " " " ...	...	1	1	1	1
7	T1057	Washer, chaincase joint ...	...	1	—	—	—
8	T504	" " " " ...	...	—	1	—	1
9	T503	" " " " ...	...	—	—	1	—
10	E427	Screw, chaincase cover (short) ...	...	13	9	15	9
11	E2691	" " " " (long) ...	...	—	3	—	3
12	T667	" " " " (front) ...	...	3	—	—	—

PRIMARY CHAINCASES

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Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T1056	81	17	13	PCE102F	81	32
2	T480A	81	18	14	WE170	81	33
	T478A	81	19	15	NT316	83	1
3	T991	81	20	16	T1031	83	2
4	T990	81	21	17	T91	83	3
5	H687	81	22	18	T496	83	5
6	GS299	81	23	19	T497	83	6
7	T1055	81	24	20	T1057	83	7
8	T1030	81	25	21	T504	83	8
	T1029	81	26		T503	83	9
9	E1579	81	27	22	E427	83	10
10	T1058	81	28	23	E2691	83	11
11	NT367	81	30	24	T667	83	12
12	NT376	81	31				

## CHAINGUARD GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>REAR CHAINGUARD UPPER</b>							
1	T766	Chainguard, rear upper ... ..	1	1	—	1	1
2	T891	Chainguard, rear assembly (rigid wheel)	—	—	1	—	—
3	T891A	"    "    "    "    " (spring wheel)	—	—	1	—	—
4	F3174	Distance piece, chainguard to frame ...	—	—	1	1	1
5	DS57	Bolt, chainguard rear upper ... ..	1	1	1	1	1
6	S23-37	"    "    front upper ... ..	1	1	1	1	1
7	S25-1	Washer, "    "    bolt front and rear ...	2	2	2	2	2
8	F2615	Bolt, "    "    to frame inner ... ..	—	—	1	—	—
9	E2288	Washer, "    "    "    "    bolt ... ..	—	—	1	—	—
10	F3174	Distance piece, chainguard to P/footrest	—	—	1	—	—
11	W630	Nut, "    "    "    "    "    "    "    "	—	—	1	—	—

### REAR CHAINGUARD LOWER

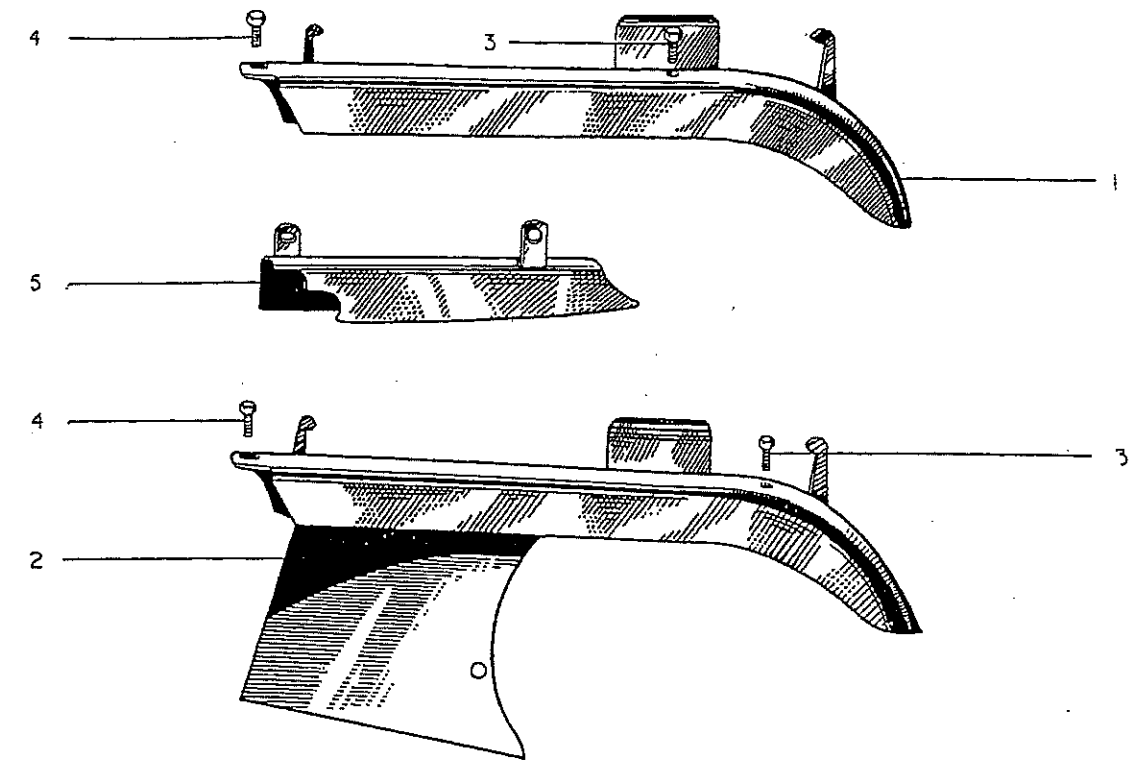
12	F1730	Chainguard, rear lower ... ..	1	1	—	1	1
13	F1369	Bolt, chainguard lower front ... ..	1	1	—	1	1
14	F879	Nut, "    "    "    "    bolt ... ..	1	1	—	1	1
15	S26-2	Washer, "    "    "    "    "    "    "    "	1	1	—	1	1
16	F1760	Bolt, "    "    "    "    rear ... ..	1	1	—	1	1
17	S1-52	Nut, "    "    "    "    "    "    "    "	1	1	—	1	1
18	*E1796	Bolt, distance piece to pillion footrest lug	—	—	1	—	—
19	*S25-2	Washer, "    "    "    "    "    "    "    "	—	—	1	—	—

\*Not required when pillion footrests are fitted

## CHAIN GROUP

20	D120	Chain, primary 78L x 1/2" x .305" (solo)	1	—	—	1	1
21	D121	Chain, primary 77L x 1/2" x .305" (sidecar)	1	—	—	1	1
22	D40	Chain, primary 80L x 1/2" x .305" (solo)	—	1	—	—	—
23	D120	Chain, primary 78L x 1/2" x .305" (sidecar)	—	1	—	—	—
24	D244	Chain, primary 76L x 1/2" x .305" ...	—	—	1	—	—
25	D69	Chain, rear 90L x 5/8" x 3/8" ... ..	—	—	1	—	—
26	D8	"    "    92L x 5/8" x 3/8" ... ..	1	1	—	1	1
27	110-046/49	Kit, primary chain spare parts ... ..	1	1	1	1	1
28	100-056/59	"    rear "    "    "    "    "    "    "	1	1	1	1	1

TREASURY NOTES MUST BE REGISTERED



## CHAINGUARD

### INDEX

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T766	84	1	3	DS57	84	5
2	T891	84	2	4	S23-37	84	6
	T891A	84	3	5	F1730	84	12

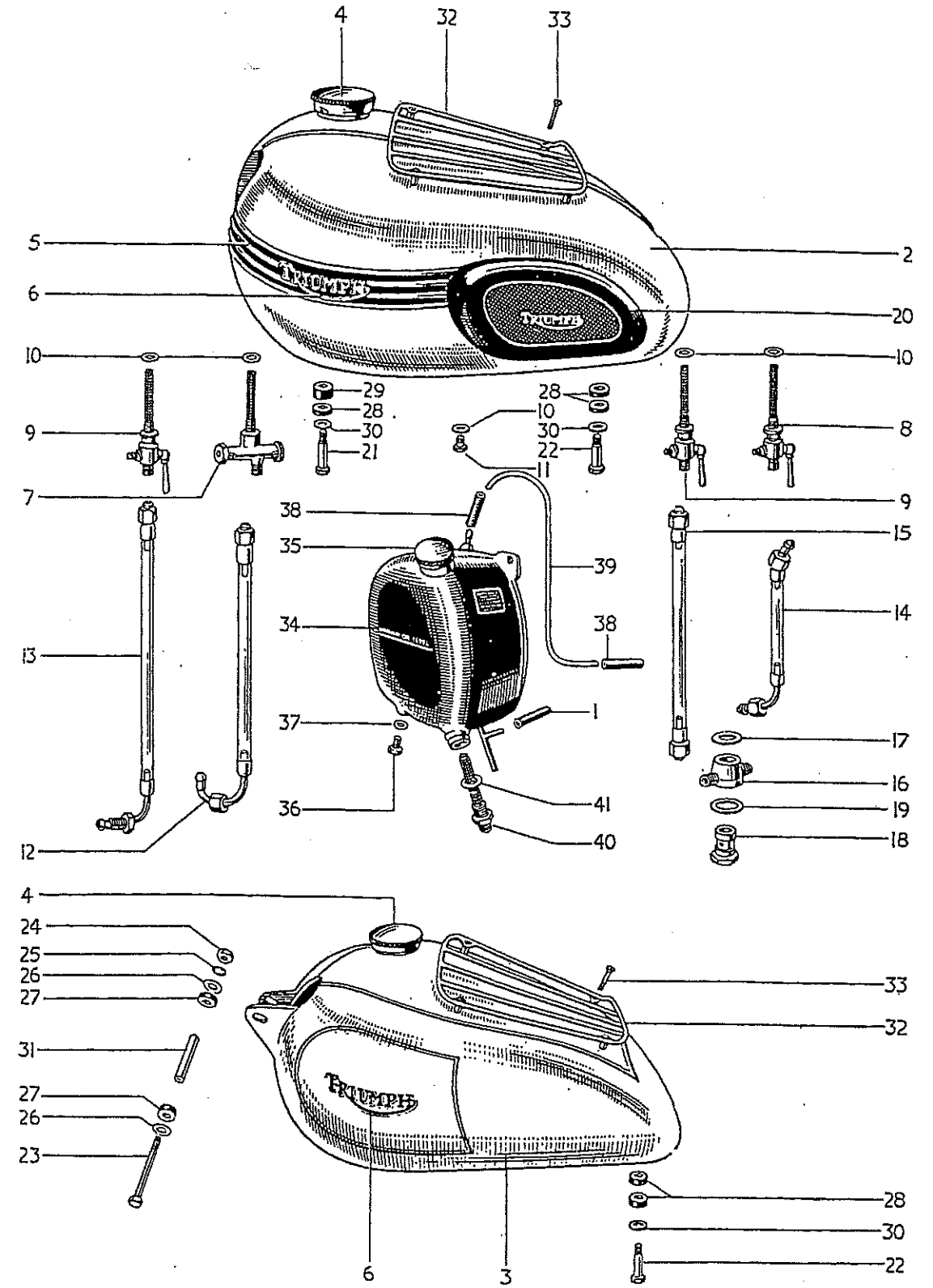
## TANK GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>PETROL TANK</b>							
1	F3280PR	Tank, petrol	1	—	—	—	—
2	F3280TM	" "	—	1	—	—	—
3	F3185	" "	—	—	1	—	—
4	F3280PS	" "	—	—	—	1	1
5	F3220	Cap, petrol tank filler	1	1	1	1	1
6	F3281	Band, " " styling L/H	1	1	—	1	1
7	F3282	" " " " R/H	1	1	—	1	1
8	F1823A	Nameplate, petrol tank	2	—	—	—	—
9	F1823H	" " " "	—	2	—	—	—
10	F1823F	" " " "	—	—	2	2	2
11	F3113	Screw, nameplate	4	4	—	4	4
12	F1915	" "	—	—	4	—	—

### PETROL AND OIL TANKS

#### INDEX TO ILLUSTRATION ON PAGE 87

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	E1947	44	22	21	F1808	88	23
2	F3280PR	86	1	22	F966	88	24
	F3280TM	86	2	23	F3007	88	25
	F3280PS	86	4	24	S1-51	88	26
3	F3185	86	3	25	E2287	88	27
4	F3220	86	5	26	S25-3	88	28
5	F3281/L.H.	86	6	27	F3006	88	29
	F3282/R.H.	86	7	28	F967	88	30
6	F1823A	86	8	29	F1813	88	31
	F1823H	86	9	30	S25-27	88	32
	F1823F	86	10	31	F3005	88	33
7	F1717	88	1	32	F2933	88	34
8	F3057	88	2	33	F2936	88	35
9	F3116	88	3	34	F3321	88	37
10	F1511	88	4		F3186	88	38
11	F3329	88	5		F3370	88	39
12	F3341	88	7	35	F3216	88	40
13	F3332	88	8		F1034	88	41
14	F3343	88	9	36	F1792	89	1
15	F3349	88	10	37	PT104B	89	2
16	F2958	88	16	38	F3077	89	3
17	GS367	88	17	39	T1028	89	4
18	F2959	88	18		T1027	89	5
19	F2570	88	19	40	F3179	89	21
20	F2551/L.H.	88	20	41	F1713	89	22
	F2552/R.H.	88	21				



PETROL AND OIL TANKS WITH FITTINGS

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	F1717	Tap, petrol feed ...	1	—	—	—	—
2	F3057	" " " (R/H 6T and L/H T100)	—	1	1	1	1
3	F3116	" " " (R/H) ...	—	—	1	1	1
4	F1511	Washer, petrol tap ...	1	1	2	2	2
5	F3329	Plug, petrol tank ...	1	1	—	—	—
6	F1511	Washer, petrol tank plug ...	1	1	—	—	—
7	F3341	Pipe, petrol feed ...	1	—	—	—	—
8	F3332	" " " ...	—	1	—	—	—
9	F3343	" " " L/H ...	—	—	1	1	—
10	F3349	" " " R/H ...	—	—	1	1	—
11	F3516	" " " L/H ...	—	—	—	—	1
12	F3373	" " " R/H ...	—	—	—	—	1
13	F2688	Pipe, connecting mixing chamber ...	—	—	—	—	1
14	F3513	" " " " (flexible) ...	—	—	—	—	1
15	D177-2	Clip, " " " " ...	—	—	—	—	2
16	F2958	Adaptor, carburetter to petrol pipe ...	—	—	1	1	—
17	GS367	Washer, adaptor to carburetter ...	—	—	1	1	—
18	F2959	Sleeve nut, adaptor ...	—	—	1	1	—
19	F2570	Washer, sleeve nut ...	—	—	1	1	—
20	F2551	Pad, knee grip L/H ...	1	1	—	1	1
21	F2552	" " " R/H ...	1	1	—	1	1
22	F1953	Screw, knee grip pad ...	4	4	—	4	4
23	F1808	Bolt, petrol tank fixing (front) ...	2	2	—	2	2
24	F966	" " " " (rear) ...	2	2	2	2	2
25	F3007	Bolt, petrol tank to frame (front) ...	—	—	1	—	—
26	S1-51	Nut, " " " " bolt ...	—	—	1	—	—
27	E2287	Washer, " " " " " ...	—	—	1	—	—
28	S25-3	" " " " " (plain) ...	—	—	1	—	—
29	F3006	Pad, " " front rubber ...	—	—	2	—	—
30	F967	" " " rubber ...	6	6	4	6	6
31	F1813	" " front rubber ...	2	2	—	2	2
32	S25-27	Washer, petrol tank bolt plain ...	4	4	2	4	4
33	F3005	Distance tube, tank front ...	—	—	1	—	—

**TANK PARCEL GRID**

34	F2933	Grid, tank parcel ...	1	1	1	1	1
35	F2936	Screw, tank parcel grid ...	4	4	4	4	4
36	*F3026	Plug, petrol tank grid ...	4	4	4	4	4

\*To replace F2936 when grid is not in use

**OIL TANK**

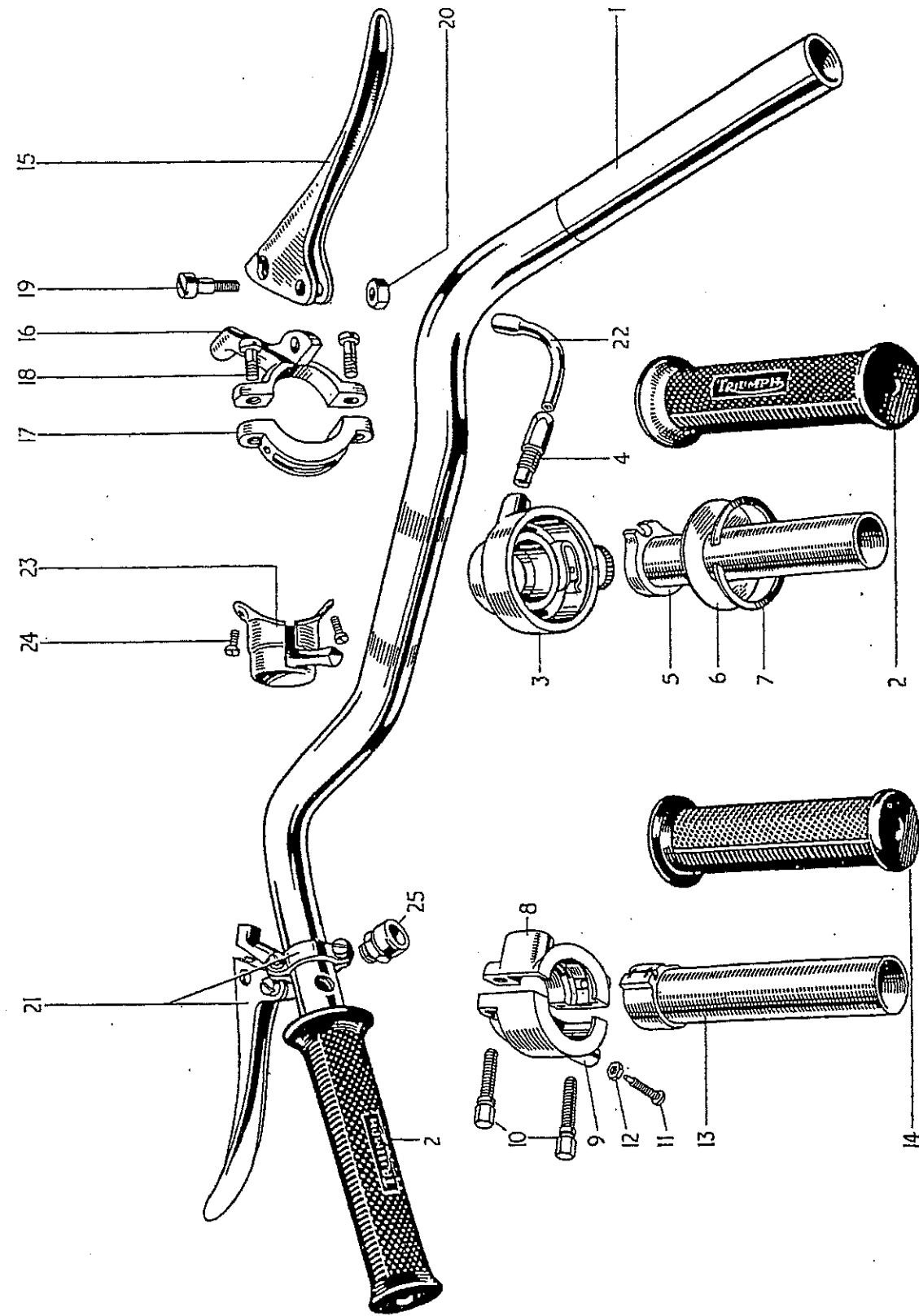
37	F3321	Tank, oil ...	1	1	—	1	—
38	F3186	" " ...	—	—	1	—	—
39	F3370	" " ...	—	—	—	—	1
40	F3216	Cap, oil tank filler ...	1	1	1	1	—
41	F1034	" " " " ...	—	—	—	—	1

**DO NOT FORGET TO SIGN YOUR ORDER**

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	E1792	Plug, oil tank drain ...	1	1	1	1	1
2	PT104B	Washer, oil tank drain plug ...	1	1	1	1	1
3	F3077	Connection, oil tank vent (rubber) ...	2	2	2	2	—
4	T1028	Pipe, " " " (steel) ...	1	1	—	1	—
5	T1027	" " " " " ...	—	—	1	—	—
6	F929	Bolt, " " to bridge clip ...	1	1	—	1	—
7	H604	" " " " " " ...	—	—	1	—	—
8	F3207	Distance piece, bridge clip bolt ...	—	—	1	—	—
9	F2398	Bolt, oil tank to seat tube clip ...	—	—	1	—	—
10	F3323	Distance piece, seat tube bolt ...	—	—	1	—	—
11	F2567	Clip, oil tank to seat tube ...	—	—	—	—	1
12	F1682	Stud, oil tank to seat tube ...	1	1	1	1	—
13	S1-51	Nut, " " " " stud ...	1	1	1	1	—
14	S26-3	Washer, bolt to seat tube clip ...	—	—	—	1	—
15	D57	Bolt, tank to mudguard ...	1	1	—	1	—
16	F879	Nut, " " " " ...	1	1	—	1	—
17	E1612	Washer, tank to mudguard ...	1	1	—	1	—
18	F966	Bolt, tank mounting ...	—	—	—	—	3
19	F3006	Washer, tank mounting (rubber) ...	—	—	—	—	6
20	S25-27	" " " (steel) ...	—	—	—	—	3
21	F3179	Filter, oil tank ...	1	1	1	1	1
22	F1713	Washer, oil tank filter ...	1	1	1	1	1
23	F3189	Pipe, top half oil feed ...	1	1	1	1	1
24	F3182	Union nut, feed pipe ...	1	1	1	1	1
25	E1526	Pipes and block, oil tank to engine ...	1	1	—	1	—
26	E2799	" " " " ...	—	—	1	—	—
27	E2963	" " " " ...	—	—	—	—	1
28	E1529	Washer, oil pipe block joint ...	1	1	1	1	1
29	S1-51	Nut, oil pipe block securing ...	1	1	1	1	1
30	S25-3	Washer, oil pipe block securing nut ...	1	1	1	1	1
31	MF119	Connection, oil pipe rubber (long) ...	2	2	1	2	—
32	MF119A	" " " " (short) ...	—	—	1	—	2

**SERVICE PETROL AND OIL TANKS**

IF THE MOTOR CYCLE HAS BEEN INVOLVED IN AN ACCIDENT AND THE PETROL OR OIL TANKS HAVE SUSTAINED DAMAGE OF A NATURE THAT CAN BE REPAIRED, THEY CAN BE RETURNED TO OUR SERVICE DEPARTMENT THROUGH A DEALER, RENOVATED AND MADE AS NEW IN THEIR ORIGINAL COLOURS.



HANDLEBAR AND CONTROLS—5T, 6T, T100 AND T100C

**HANDLEBAR GROUP**

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>HANDLEBAR</b>							
1	H696	Handlebar, complete with all controls ...	1	1	—	—	—
2	H773	" " " " " " ...	—	—	—	1	—
3	H732	" " " " " " ...	—	—	1	—	—
4	H899	" " " " " " ...	—	—	—	—	1
5	H659	" bend only ...	1	1	—	1	—
6	H440	" " " " " " ...	—	—	1	—	—
7	H810	" " " " " " ...	—	—	—	—	1
8	H230	Grip, handlebar L/H rubber ...	—	1	—	1	1
9	H230A	" " " " " " ...	—	—	1	—	—
FOR U.S.A. AND CANADIAN PATTERN SEE PAGE 95.							
<b>THROTTLE CONTROL</b>							
10	H697	Twistgrip, assembly ...	1	1	—	1	—
11	H733	" " " " " " ...	—	—	1	—	—
12	H230	Grip, twistgrip rubber ...	—	1	—	1	—
13	H230A	" " " " " " ...	—	—	1	—	—
14	H698	Head, assembly, twistgrip ...	—	1	—	1	—
15	H740	" " " " " " ...	—	—	1	—	—
16	H734	Head assembly, plain half ...	—	—	1	—	—
17	H734A	" " " " " " ...	—	—	1	—	—
18	H744	Screw, head clamp ...	—	—	2	—	—
19	H685	Spring, twistgrip friction ...	—	1	1	1	—
20	H665	Screw, " " " adjuster ...	—	1	1	1	—
21	H686	Spring, " " " " " " ...	—	1	1	1	—
22	H234	Thimble, " " cable ...	—	1	—	1	—
23	H237	Grubscrew, twistgrip ...	—	1	1	1	—
24	H700	Sleeve assembly, twistgrip ...	—	1	—	1	—
25	H735	" " " " " " ...	—	—	1	—	—
26	H233	Plate, sleeve retaining ...	—	1	—	1	—
27	H232	Circlip, " " " " " " ...	—	1	—	1	—
28	H748	Stop screw, twistgrip ...	—	—	1	—	—
29	H691	Nut, stop screw ...	—	—	1	—	—
30	H738	Pulley, head cable ...	—	—	1	—	—
31	H739	Pin, cable pulley ...	—	—	1	—	—

**HANDLEBARS  
INDEX TO ILLUSTRATION ON PAGE 90**

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	H659	91	5	12	210/009	92	10
	H440	91	6	13	313/012	92	11
	H810	91	7	14	16/071	92	12
2	H230	91	8	15	18/535	92	15
	H230A	91	9	16	18/500	92	17
3	H698	91	14	17	18/598	92	19
	H740	91	15	18	61/004	92	21
4	H234	91	22	19	18/087	92	23
5	H700	91	24	20	18/053	92	24
	H735	91	25	21	18/546	92	25
6	H233	91	26		18/557	92	26
7	H232	91	27	22	H670	94	24
8	313/001	92	5	23	380056	130	36
9	313/002	92	6		31221A	130	37
10	4/048	92	7	24	H689	130	39
11	210/008	92	8	25	76200A	130	40
	210/014	92	9				



REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

THROTTLE CONTROL (AMAL PATTERN)

1	16/117CE	Twistgrip, assembly ... ..	—	—	1	—	—
2	16/070	Grip, twistgrip rubber ... ..	—	—	1	—	—
3	16/069CE	Grip, dummy rubber (L/H) ... ..	—	—	1	—	—

DOUBLE ROTOR TWIST GRIP (AMAL)

4	313/4	Grip complete, double rotor twist ... ..	—	—	—	—	1
5	313/001	Body, top half ... ..	—	—	—	—	1
6	313/002	„ bottom half ... ..	—	—	—	—	1
7	4/048	Bolt, body clamp ... ..	—	—	—	—	2
8	210/008	Stop, rotor (carburetter cross bore 1 1/8" to 1 3/8") ... ..	}	—	—	—	1
9	210/014	Stop, rotor (carburetter cross bore 1 1/8" to 1 1/8") ... ..					
10	210/009	Locknut, rotor stop ... ..	—	—	—	—	1
11	313/012	Rotor and sleeve combined ... ..	—	—	—	—	1
12	16/071	Rubber, twist grip ... ..	—	—	—	—	1

FRONT BRAKE CONTROL

13	18/599	Lever assembly, front brake (1" Handlebar) 1	1	—	1	1
14	18/556	„ „ „ „ (3/8" „ ) —	—	1	—	—
15	18/535	Lever only ... ..	1	1	—	1
16	18/528	„ „ „ „ „ „ „ „ —	—	—	1	—
17	18/500	Bracket, lever fulcrum ... ..	1	1	—	1
18	18/234	Bracket, lever fulcrum ... ..	—	—	1	—
19	18/598	Clamp, lever bracket ... ..	1	1	—	1
20	12/040	„ „ „ „ „ „ „ „ —	—	—	1	—
21	61/004	Screw, „ „ to clamp ... ..	2	2	—	2
22	11/014	„ „ „ „ „ „ „ „ —	—	—	2	—
23	18/087	„ „ fulcrum pin ... ..	1	1	1	1
24	18/053	Nut, „ „ „ screw ... ..	1	1	1	1

CLUTCH CONTROL

25	18/546	Lever assembly, clutch (1" Handlebar) 1	1	—	1	1
26	18/557	„ „ „ „ (3/8" „ ) —	—	—	1	—
27	18/535	Lever only ... ..	1	1	—	1
28	18/528	„ „ „ „ „ „ „ „ —	—	—	1	—
29	18/174	Bracket, lever fulcrum ... ..	1	1	—	1
30	18/234	„ „ „ „ „ „ „ „ —	—	—	1	—
31	12/044	Clamp, „ bracket ... ..	1	1	—	1
32	12/040	„ „ „ „ „ „ „ „ —	—	—	1	—
33	11/014	Screw, „ „ to clamp ... ..	2	2	2	2
34	18/087	„ „ fulcrum pin ... ..	1	1	1	1
35	18/053	Nut, „ „ „ screw ... ..	1	1	1	1

SEE SPECIMEN ORDER IN PREFACE

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

AIR CONTROL

1	12/171	Lever assembly air control ... ..	1	—	—	1	—
2	12/161C	„ „ „ „ (chrome) ... ..	—	—	1	—	
3	12/107B	Lever only ... ..	1	—	—	1	
4	12/016	„ „ „ „ „ „ „ „ —	—	—	1	—	
5	12/029	Bolt, centre ... ..	1	—	1	1	
6	12/031	Cap ... ..	1	—	1	1	
7	12/033	Washer, centre spring ... ..	1	—	1	1	
8	11/014	Screw, clip fixing ... ..	2	—	2	2	
9	12/040	Clip, fixing ... ..	1	—	1	1	

MAGNETO CONTROL

10	12/160	Lever assembly, magneto control ... ..	—	—	1	—
11	12/162	„ „ „ „ „ „ „ „ —	—	—	1	1
12	12/014	Lever only ... ..	—	—	1	1
13	12/029	Bolt, centre ... ..	—	—	1	1
14	12/031	Cap centre ... ..	—	—	1	1
15	12/033	Washer, spring ... ..	—	—	1	1
16	11/014	Screw, clip fixing ... ..	—	—	2	2
17	12/040	Clip, fixing ... ..	—	—	1	—
18	12/044	„ „ „ „ „ „ „ „ —	—	—	1	1

CONTROL CABLE GROUP

FOR U.S.A. AND CANADIAN PATTERN SEE PAGE 95.

CLUTCH CABLE

19	D203X	Cable assembly, clutch ... ..	1	1	1	1
20	D203W	Wire only, clutch ... ..	1	1	1	1
21	D203C	Casing only, clutch ... ..	1	1	1	1
22	D103	Ferrule, clutch casing ... ..	2	2	2	2
23	D81	Nipple, wire (handlebar end) ... ..	1	1	1	1
24	DS73	„ „ (gearbox end) ... ..	1	1	1	1
25	DS74	Adjuster, clutch cable ... ..	1	1	1	1
26	W76	Locknut, „ „ adjuster ... ..	1	1	1	1

FRONT BRAKE CABLE

27	D247	Cable assembly, brake ... ..	1	1	—	1
28	D259	„ „ „ „ „ „ „ „ —	—	—	1	—
29	D247W	Wire only, brake ... ..	1	1	—	1
30	D259W	Wire only, brake ... ..	—	—	1	—
31	D247C	Casing only, brake ... ..	1	1	—	1
32	D259C	„ „ „ „ „ „ „ „ —	—	—	1	—

DO NOT FORGET TO SIGN YOUR ORDER

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	D103	Ferrule, brake casing ...	2	2	2	2	2
2	H751	" " " rubber ...	1	1	—	1	1
3	H707	Sleeve, " " " ...	1	1	—	1	1
4	DB1	Nipple, wire ...	1	1	1	1	1
5	W593	Fork end, wire ...	1	1	1	1	1
6	H446B	Tube, " lower cover ...	1	1	—	1	1
7	H446A	" " " " ...	—	—	1	—	—
8	H447	Ferrule, cover tube ...	1	1	1	1	1
9	W328A	Adjuster, brake cable ...	1	1	1	1	1
10	W591	Abutment ...	1	1	1	1	1
11	W329	Thumb nut, brake cable adjuster ...	1	1	1	1	1

### THROTTLE CABLE

12	D224	Cable assembly, throttle ...	1	—	—	1	—
13	D269	" " " ...	—	1	—	—	—
14	D233	" " " ...	—	—	1	—	—
15	D275	" " " ...	—	—	—	—	2
16	D224W	Wire only, throttle ...	1	—	—	1	—
17	D269W	" " " ...	—	1	—	—	—
18	D233W	" " " ...	—	—	1	—	—
19	D275W	" " " ...	—	—	—	—	2
20	D224C	Casing only, throttle ...	1	—	—	1	—
21	D269C	" " " ...	—	1	—	—	—
22	D233C	" " " ...	—	—	1	—	—
23	D275C	" " " ...	—	—	—	—	2
24	H670	Guide tube, " wire ...	1	1	1	1	1
25	D101	Ferrule, throttle casing ...	3	2	3	3	6
26	D83	Nipple, " wire (Handlebar end)	1	1	—	1	2
27	D232	" " " ( " " )	—	—	1	—	—
28	NS191	" " " (carburettor end)	1	1	1	1	2
29	D104	Adjuster, throttle casing ...	1	—	1	1	2
30	D267	" " " ...	—	1	—	—	—
31	D268	Nut, " " adjuster ...	—	2	—	—	—
32	D271	Spring, " lever return ...	—	1	—	—	—

### AIR CABLE

33	D225	Cable, assembly, air ...	1	—	—	1	—
34	D242	" " " ...	—	—	1	—	—
35	D225W	Wire only, air ...	1	—	—	1	—
36	D242W	" " " ...	—	—	1	—	—
37	D225C	Casing only, air ...	1	—	—	1	—
38	D242C	" " " ...	—	—	1	—	—
39	D101	Ferrule, air casing ...	2	—	2	2	—
40	D83	Nipple, air wire (Handlebar end)	1	—	1	1	—
41	NS191	" " " (carburettor end)	1	—	1	1	—

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>IGNITION CABLE</b>							
1	D100	*Cable assembly, ignition ...	—	—	1	1	1
2	D100W	Wire only, ignition ...	—	—	1	1	1
3	D100C	Casing only, ignition ...	—	—	1	1	1
4	D101	Ferrule, ignition casing ...	—	—	2	2	2
5	D83	Nipple, ignition wire (Handlebar end)	—	—	1	1	1
6	XA69	Clip, cables to frame, etc. ...	8	8	13	8	8

\*Magneto end fitting supplied by Magneto Manufacturers.

### HANDLEBAR GROUP

#### U.S.A. AND CANADIAN PATTERN

7	H786	Handlebar, complete with all controls	1	—	—	—	—
8	H808	" " " " " " " " " " " "	—	1	—	—	—
9	H798	" " " " " " " " " " " "	—	—	—	1	—
10	H900	" " " " " " " " " " " " (racing	—	—	—	—	—
11		pattern)	—	—	—	—	1
12	H901	" " " " " " " " " " " " controls	—	—	—	—	1
13	H787	" bend only ...	1	1	—	1	—
14	H821	" " " " " " " " " " " "	—	—	—	—	1
15	H820	" " " " (racing)	—	—	—	—	1
16	D255	Cable assembly, clutch ...	1	1	—	1	1
17	D256	Cable assembly, brake ...	1	1	—	1	1
18	D257	Cable assembly, throttle ...	1	—	—	1	—
19	D272	" " " " " " " " " " " "	—	1	—	—	—
20	D298	" " " " " " " " " " " "	—	—	—	—	2
21	D260	Cable assembly, ignition ...	1	1	—	1	1

Other details as standard specification

### REAR BRAKE CONTROL GROUP

22	F3313	Pedal, rear brake ...	1	1	1	1	1
23	F995	Rubber, " " pedal ...	1	1	1	1	1
24	F1149	Screw, " " " stop ...	1	1	1	1	1
25	F879	Nut, " " " " " " " " " " " "	1	1	1	1	1
26	F867	Spindle, " " " " " " " " " " " "	1	1	1	1	1
27	DS48	Nut, rear brake spindle to frame ...	1	1	1	1	1
28	SCZ45	Washer, rear brake spindle to frame ...	1	1	1	1	1
29	S1-52	Nut, " " " pedal end ...	1	1	1	1	1
30	S25-2	Washer, " " " " (plain) ...	1	1	1	1	1
31	S26-16	" " " " " (spring)	1	1	1	1	1

PLEASE STATE COLOUR WHEN ORDERING

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	F1015	Rod, brake operating ... ..	—	—	1	—	—
2	F1015A	" " " " " " " " " " " " " "	1	1	—	1	1
3	F1015C	" " " " (spring wheel) ... ..	—	—	1	—	—
4	F1015B	" " " " ( " " ) ... ..	1	1	—	1	1
5	WF32	Pin, brake operating rod fork end ...	1	1	1	1	1
6		$\frac{3}{16}$ " $\times$ $\frac{1}{2}$ " Split pin, fork end pin ...	1	1	1	1	1
7	W11	Pivot roller, brake arm to rod ...	1	1	1	1	1
8	NS372	Thumb nut, brake rod adjusting ...	1	1	—	1	1
9	F2896	" " " " " " " " " " " " " "	—	—	1	—	—

### FOOTREST GROUP

10	F1731	Footrest R/H ... ..	1	1	1	1	1
11	F987	" L/H ... ..	1	1	1	—	—
12	F987A	" " " " " " " " " " " " " "	—	—	—	1	1
13	NF704	Rubber, footrest ... ..	2	2	—	2	2
14	F1695	" " " " " " " " " " " " " "	—	—	2	—	—
15	F1736	Tube, footrest support R/H ... ..	1	1	1	1	1
16	F991	Rod, " " " " " " " " " " " " " "	1	1	1	1	1
17	DS48	Nut, " rod ... ..	2	2	2	2	2
18	S25-8	Washer, " " R/H plain ... ..	1	1	1	1	1
19	F862	Distance tube, engine plate ... ..	1	1	1	1	1
20	T87	Distance tube, L/H footrest ... ..	1	1	1	1	1

### PILLION FOOTREST

21	F2312	Footrest assembly, pillion ... ..	2	2	2	2	2
22	F1694	Pedal, footrest ... ..	2	2	2	2	2
23	F1695	Rubber, " pedal ... ..	2	2	2	2	2
24	F2271	Bolt, " " pivot ... ..	2	2	2	2	2
25	S1-51	Nut, " " " bolt ... ..	2	2	2	2	2
26	F2277	Washer, " " " " " " " " " " " " " "	2	2	2	2	2
27	F2268	Hanger, footrest pedal ... ..	2	2	2	2	2
28	F1696	Stud, " " hanger ... ..	2	2	2	2	2
29	PO172A	Nut, " " " stud ... ..	2	2	2	2	2
30	S26-1	Washer, " " " " " " " " " " " " " "	2	2	2	2	2

### SADDLE GROUP

#### TERRY

31	F1729T	Saddle, complete ... ..	1	1	—	—	—
32	F1729A	Cover, saddle seat ... ..	1	1	—	—	—
33	F2835	Spring, saddle main ... ..	2	2	—	—	—
34	F1729K	Spring, saddle seat, $1\frac{5}{8}$ " ... ..	7	7	—	—	—
35	F1729H	Spring, saddle seat, 7" ... ..	2	2	—	—	—

PLEASE STATE COLOUR WHEN ORDERING

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	F1729G	Spring, saddle seat, $7\frac{1}{2}$ " ... ..	2	2	—	—	—
2	F1729F	Spring, saddle seat, $7\frac{3}{4}$ " ... ..	9	9	—	—	—
3	F847	Stud, saddle spring to frame ... ..	2	2	—	—	—
4	W76	Nut, saddle spring to frame ... ..	8	8	—	—	—
5	S25-2	Washer, saddle spring to frame ... ..	6	6	—	—	—
6	NA64J	Bolt and nut, saddle nose ... ..	1	1	—	—	—

#### LYCETT

7	F1729T	Saddle, complete ... ..	1	1	—	—	—
8	F1729B	Cover, saddle seat ... ..	1	1	—	—	—
9	F2835	Spring, saddle main ... ..	2	2	—	—	—
10	F1729N	Spring, saddle seat, $2\frac{1}{4}$ " ... ..	7	7	—	—	—
11	F1729P	" " " " $7\frac{1}{8}$ " ... ..	4	4	—	—	—
12	F1729Q	" " " " $7\frac{1}{2}$ " ... ..	11	11	—	—	—
13	F847	Stud, saddle spring to frame ... ..	2	2	—	—	—
14	W76	Nut, " " " " " " " " " " " " " "	8	8	—	—	—
15	S25-2	Washer, " " " " " " " " " " " " " "	6	6	—	—	—
16	NA64J	Bolt and nut, saddle nose ... ..	1	1	—	—	—
17	F2992	Saddle, complete ... ..	—	—	1	—	—
18	F2992A	Cover, saddle seat ... ..	—	—	1	—	—
19	F2992B	Spring, saddle main ... ..	—	—	2	—	—
20	F2992C	Elastic, saddle seat, $11\frac{1}{2}$ " ... ..	—	—	2	—	—
21	F2992D	Elastic, " " " " $13\frac{3}{8}$ " ... ..	—	—	3	—	—
22	F3305	Bracket, saddle to seat lug ... ..	—	—	1	—	—
23	F3065	Distance tube, bracket ... ..	—	—	1	—	—
24	F3066	Bolt, saddle to bracket ... ..	—	—	1	—	—
25	S1-51	Nut, " " " " bolt ... ..	—	—	1	—	—
26	E2593	Bolt, bracket upper ... ..	—	—	1	—	—
27	S1-51	Nut, bracket upper bolt ... ..	—	—	1	—	—
28	E2287	Washer, bracket upper bolt ... ..	—	—	1	—	—
29	F929	Bolt, bracket lower ... ..	—	—	1	—	—
30	E2287	Washer, bracket lower bolt ... ..	—	—	1	—	—
31	F3032	Extension piece, saddle plain ... ..	—	—	1	—	—
32	F3031	Extension piece, saddle tapped ... ..	—	—	1	—	—
33	F1369	Bolt, extension to saddle ... ..	—	—	4	—	—
34	F879	Nut, " " " " bolt ... ..	—	—	4	—	—
35	F2720	Stud, saddle spring to frame ... ..	—	—	2	—	—
36	W76	Nut, " " " " " " " " " " " " " "	—	—	6	—	—
37	W630	" " " " " " " " " " " " " " (under spring)	—	—	2	—	—
38	S25-2	Washer, saddle spring to frame ... ..	—	—	6	—	—

### PILLION SEAT GROUP

39	NF761	Pillion seat complete ... ..	1	1	1	—	—
40	F2660	Backing plate, pillion seat ... ..	—	—	2	—	—
41	S23-42	Bolt, pillion seat fixing ... ..	4	4	4	—	—
42	S4-9	Nut, " " bolt ... ..	4	4	4	—	—
43	S25-1	Washer, " " " " " " " " " " " " " "	4	4	4	—	—

ALWAYS QUOTE PART NUMBERS

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>PROP STAND GROUP</b>							
1	F3367	Prop stand, complete	...	...	...	1	1
2	F3094	" " "	...	...	...	1	1
3	F3097	Swivel pin, prop stand	...	...	...	1	1
4	F2610	Spring, tension	...	...	...	1	1
5	F3096	Lock washer, swivel pin	...	...	...	1	1

### SIDECAR ATTACHMENTS GROUP

6	F2587	Lug, bottom front connection	...	...	1	1	1
7	F1746	Nut, " " sleeve	...	2	2	—	2
8	F2600	Bolt, " " "	...	1	1	—	1
9	F1747	Nut, " " bolt	...	1	1	—	1
10	F2601	Lug, rear connection	...	...	1	1	1
11	F1743	Stud, rear connection	...	2	2	—	2
12	S1-5	Nut, " " stud	...	2	2	—	2
13	KF365	Washer, rear connection stud	...	2	2	—	2

4th point connections and saddle tube eye bolts are obtainable from sidecar manufacturers.

### REAR CARRIER GROUP

14	F2278CTE	Carrier, complete with fittings	...	...	1	1	—
15	F2856	Bridge, carrier	...	...	2	2	—
16	F2857	Plate, " backing	...	...	2	2	—
17	DS57	Bolt, " " "	...	...	8	8	—
18	E1612	Washer, " " "	...	...	8	8	—
19	F879	Nut, " " "	...	...	8	8	—

### TWINSEAT GROUP

20	F3153	Twinseat, complete with all attachments	1	1	—	1	1
21	F3122	Bracket, centre	...	...	1	1	1
22	F879	Nut, " bracket	...	2	2	—	2
23	E1612	Washer, " " "	...	2	2	—	2
24	F1760	Bolt, " " to seat lug	...	2	2	—	2
25	V76	Nut, " " " " "	...	2	2	—	2
26	S25-2	Washer, " " " " "	...	2	2	—	2
27	E2593	Bolt, nose bracket	...	...	1	1	1
28	S1-51	Nut, " " "	...	...	1	1	1
29	E2287	Washer, nose bracket	...	...	1	1	1
30	DS58	Bolt, rear " to mudguard	...	2	2	—	2
31	S1-51	Nut, " " " " "	...	2	2	—	2
32	S25-3	Washer, rear bracket to mudguard (plain)	4	4	—	4	4
33	E2287	Washer, " " " " (serrated)	2	2	—	2	2

WHEN IN DOUBT SEND SAMPLE

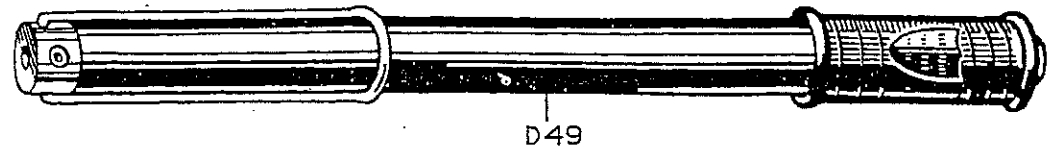
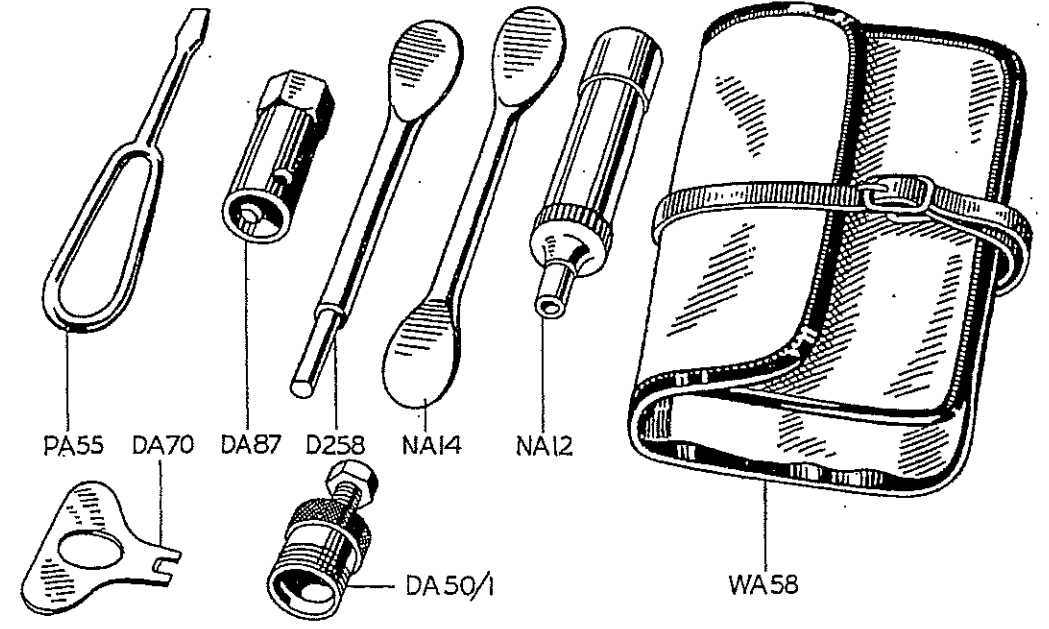
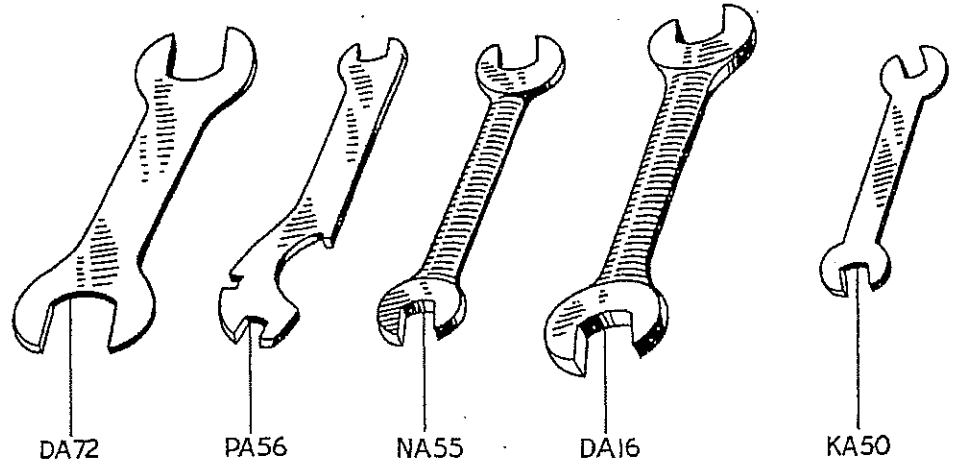
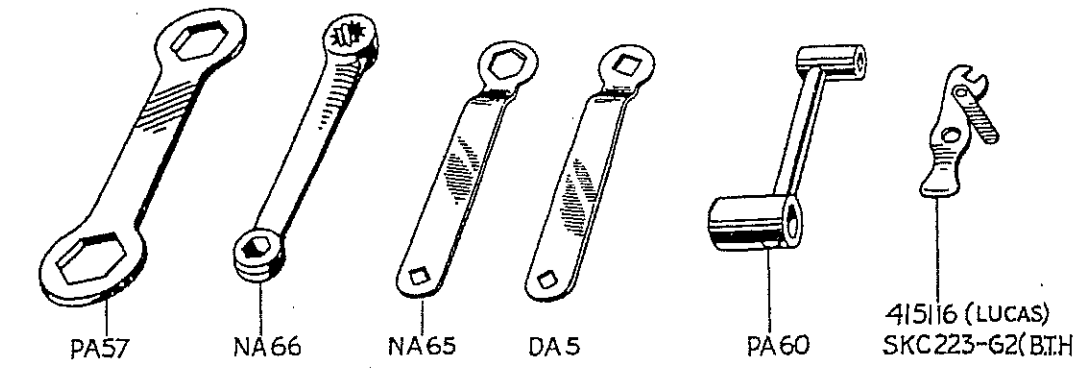
### TOOLBOX GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	F1692A	Toolbox, complete with fastener	...	1	1	1	1
2	F3224/7	Fastener assembly	...	...	...	1	1
3	F1699	Clip, toolbox to bottom tube	...	1	1	—	—
4	DS57	Bolt, " " " " "	...	1	1	—	—
5	F879	Nut, " " " " "	...	1	1	—	—
6	S26-2	Washer, " " " " "	...	1	1	—	—
7	F1700	Clip, " " " " and backstay	—	—	2	1	1
8	DS57	Bolt, " " " " "	...	—	2	2	2
9	F879	Nut, " " " " "	...	—	2	2	2
10	S26-2	Washer, " " " " "	...	—	2	2	2
11	F3024	Clip, " " backstay	...	—	—	1	1
12	DS57	Bolt, " " " " "	...	—	—	1	1
13	S1-51	Nut, " " " " "	...	—	—	1	1
14	S26-3	Washer, " " " " "	...	—	—	1	1
15	DS57	Bolt, " to mudguard	...	1	1	—	—
16	F879	Nut, " " " " "	...	1	1	—	—
17	S26-2	Washer, " " " " "	...	1	1	—	—
18	F1335	Distance washer, bottom tube clip	...	—	—	1	—

### TOOLKIT GROUP

19	DA71	Toolkit, complete	...	1	1	1	1
20	DA72	Spanner, open $\frac{1}{2}$ " $\times$ $\frac{3}{16}$ " whit.	...	1	1	1	1
21	KA50	" " Spec. $\times$ $\frac{1}{8}$ " whit.	...	1	1	1	1
22	NA55	" " $\frac{1}{4}$ " $\times$ $\frac{1}{16}$ " whit.	...	1	1	1	1
23	DA16	" " $\frac{3}{8}$ " $\times$ $\frac{1}{16}$ " whit.	...	1	1	1	1
24	DA5	" closed .218" $\times$ .338" square	...	1	1	1	1
25	NA65	" " .218" $\times$ $\frac{3}{16}$ " whit.	...	1	1	1	1
26	NA66	" " $\frac{3}{16}$ " $\times$ $\frac{1}{16}$ " whit.	...	1	1	1	1
27	PA57	Spanner, closed $\frac{1}{2}$ " $\times$ $\frac{3}{16}$ " whit.	...	1	1	1	1
28	PA56	" combination	...	1	1	1	1
29	PA60	" box $\frac{1}{4}$ " $\times$ $\frac{5}{16}$ " whit.	...	1	1	1	1
30	D87	" " sparking plug	...	1	1	1	1
31	D258	Tommy bar, sparking plug spanner and tyre lever	...	1	1	1	1

SEE SPECIMEN ORDER IN PREFACE



**TOOLKIT**

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	SKC1223-G2	Spanner, magneto contact (B.T.H.)	...				
2	415116	" " " (Lucas)	...				
3	DA70	Key, clutch adjusting	...				
4	DA50/1	Extractor, clutch centre	...				
5	NA12	Gun, grease	...				
6	NA14A	Lever, tyre	...				
7	PA55	Screwdriver	...				
8	WA58	Roll, canvas tool	...				
9	D49	Inflator, tyre	...				
10	D220	Spanner, fork cap nut (not included in toolkit)	...				
11	167	Extractor, chain rivet (not included in toolkit)	...				

**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. 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.

## AIR FILTER GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	F3315	Air filter assembly	1	1	—	1	—
2	F3195	" " "	—	—	1	—	—
3	E3315E	Element only	1	1	—	1	—
4	F3223	Element with cover	—	—	1	—	—
5	F3376	Screw, cover $\frac{1}{4}$ " BSF $\times$ $\frac{3}{8}$ "—CH.HD	1	1	—	1	—
6	E2312	Washer, cover screw ( $\frac{1}{4}$ " shakeproof)	1	1	—	1	—
7	F3327	Grommet, air filter vent hole	—	—	1	1	—
8	F2875	Sleeve, carburetter to filter	—	—	1	1	—
9	F3316	Connection, sleeve to filter (rubber)	—	—	1	1	—
10	F3340	Connection, sleeve to filter (rubber)	—	1	—	—	—
11	F2872	" " " "	—	—	1	—	—
12	DS57	Bolt, air filter to mudguard	1	1	—	1	—
13	F879	Nut, " " " "	—	—	—	—	—
14	E1612	Washer, air filter to mudguard	1	1	—	1	—
15	F1682	Stud, " " " frame	—	—	1	—	—
16	S1-51	Nut, " " " "	—	—	1	—	—

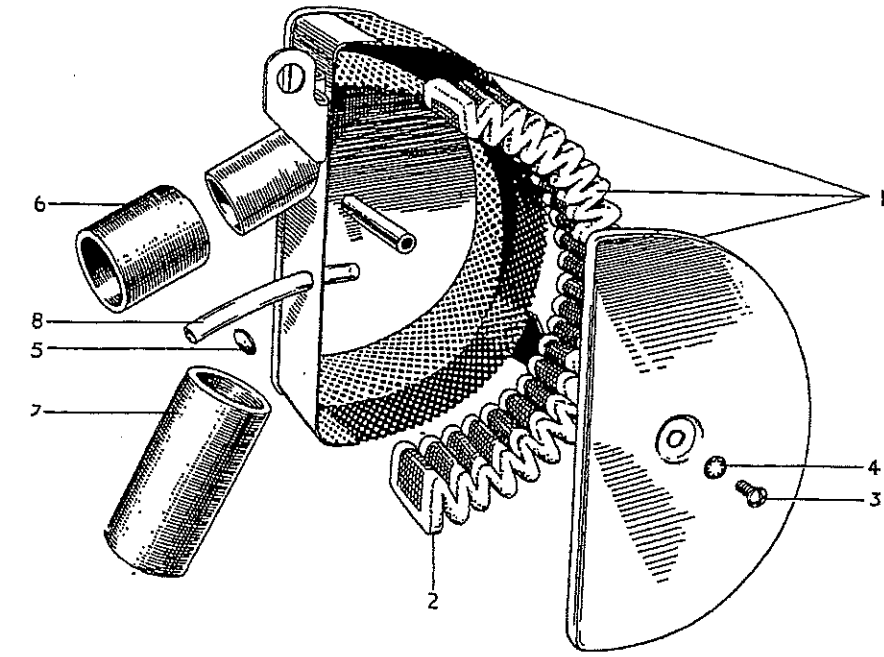
## SPEEDOMETER GROUP

17	S467/99/L	Speedometer head 120 M.P.H.	—	1	—	—	1	1
18	S467/107/L	" " " " "	—	—	1	—	—	—
19	S491/3/L	" " " " "	—	—	—	1	—	—
20	S467/23/L	Speedometer head 180 K.P.H.	—	1	—	—	1	1
21	S467/47/L	" " " " "	—	—	—	1	—	—
22	S491/7/L	" " " " "	—	—	—	1	—	—
23	DS40	Bracket, speedometer head	—	—	—	1	—	—
24	DS57	Bolt, bracket	—	—	—	2	—	—
25	S26-2	Washer, bracket	—	—	—	2	—	—
26	P53279/1	Bulb holder c/w bulb	—	1	1	1	1	1
27	P52305	Bulb only	—	1	1	1	1	1
28	P22469	Rubber ring, speedometer head	—	1	1	—	1	1
29	25578/2	Clamp-bar	—	1	1	—	1	1
30	N1253	Nut, clamp-bar	—	2	2	—	2	2
31	D273	Cable, speedometer drive (44" long)	—	1	1	—	1	1
32	D245A	Cable, speedometer drive (44" long)	—	—	—	1	—	—
33	F3098	Clip, speedometer cable	—	1	1	1	1	1

## SPEEDOMETER DRIVE AT GEARBOX

34	T924	Pinion, standard ratio layshaft 10T	—	1	1	—	1	1
35	T973	" wide " " 8T	—	—	—	1	—	—
36	T925	Peg, pinion to layshaft	—	1	1	1	1	1
37	T934	Gear, standard ratio driven 16T	—	1	1	—	1	1
38	T975	" wide " " 15T	—	—	—	1	—	—
39	T825	Washer, gear thrust	—	1	1	1	1	1

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS



5T, 6T AND T100

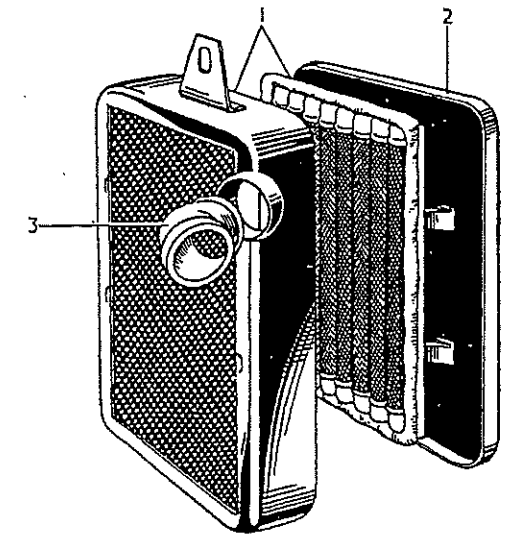
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2	F3315E	102	3	6	F3316	102	9
3	F3376	102	5	7	F3340	102	10
4	E2312	102	6	8	F3339	117	2

## TR5

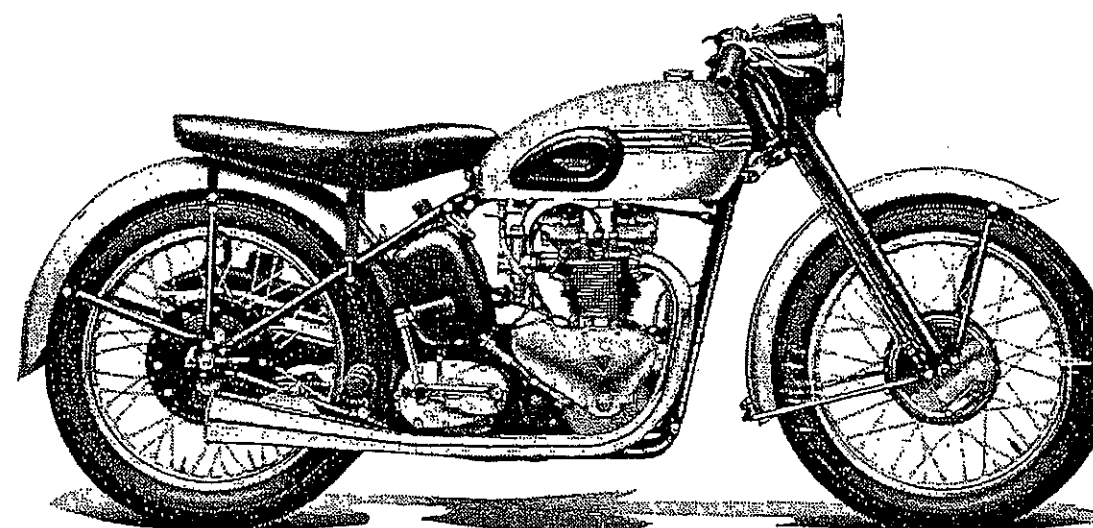
## INDEX

Illust. No.	Part No.	Page No.	Ref. No.
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2	F3223	102	4
3	F2872	102	11



AIR FILTERS

# NOTES



## TIGER 100 RACING CONVERSION KIT

If purchased complete this Kit is supplied in a Container. When ordering the Kit, or Parts from it, owners of Tiger 100 Models must quote Engine and Frame Numbers. This kit can only be fitted to machines manufactured during and after the 1951 season (light alloy engines).

### TECHNICAL INFORMATION

#### IGNITION FULLY ADVANCED

Low Octane Fuel ...	...	...	...	...	...	...	42°
50/50 Petrol-Benzole ...	...	...	...	...	...	...	42°
Alcohol ...	...	...	...	...	...	...	38°

E2477/8

E3134

#### VALVE TIMING

			E2477/8 Camshafts	E3134 Camshafts
Inlet Opens BTC	...	...	52°	57°
Inlet Closes ABC	...	...	70°	79°
Exhaust Opens BBC	...	...	72°	79°
Exhaust Closes ATC	...	...	50°	57°

Tappet clearance must be 'nil' when engine valve timing is checked or re-timed. (See Booklet "TUNING THE T100" for further information. Obtainable from your Dealer or direct from the Triumph Works).

#### BASIC CARBURETTER SETTINGS

Petrol Fuel	...	Slide	...	...	6/4
	...	Needle Jet	...	...	109
	...	Main Jet	...	...	200
50/50 Petrol-Benzole	...	Slide	...	...	6/4
	...	Needle Jet	...	...	109
	...	Main Jet	...	...	220
Alcohol	...	Slide	...	...	6/4
	...	Needle Jet	...	...	113
	...	Main Jet	...	...	660
	...	Jet Block Pilot	...	...	.031"

#### COMPRESSION RATIOS

Low Octane Fuel (Pool Petrol)	...	...	...	...	8.0
High Octane Fuel (Petrol)	...	...	...	...	8.5
50/50 Petrol-Benzole Mixture	...	...	...	...	9.5
Alcohol Fuel	...	...	...	...	12.0
B.H.P. at R.P.M. (Low Octane)	...	...	...	...	42 at 7000
Weight—dry	...	...	...	...	330 lbs.

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS

## T100 RACING KIT GROUP

REF. No.	PART No.	DESCRIPTION	QUANTITY
1	CPI00	Racing kit complete (CR 8.5:1) ... ..	1
2	CPI01	" " " (CR 9.5:1) alternative ... ..	1
<b>PISTONS</b>			
3	*E2489	Piston, body 8.25:1 ... ..	2
4	*E2884	" " 9.5:1 alternative ... ..	2
5	E656	Ring, compression ... ..	2
6	E3048	" " (taper) ... ..	2
7	GE29	" scraper ... ..	2
8	WE203E	Pin, gudgeon ... ..	2
9	WE479	Circlip, gudgeon pin retaining ... ..	4
* Standard T100 Pistons supplied against U.S.A. demands			
<b>CAMSHAFTS &amp; TAPPETS</b>			
10	E3134	Camshaft, inlet and exhaust ... ..	2
11	E3059R	Tappet ... ..	4
<b>VALVE SPRINGS</b>			
12	E3001	Spring, valve inner ... ..	4
13	E3002	" " outer ... ..	4
<b>CYLINDER HEAD FITTINGS</b>			
14	E3004	Stud, inlet flange to cylinder head ... ..	4
15	E2728	Washer, inlet flange to cylinder head stud ... ..	4
16	E3006	Flange, " " ... ..	1
17	E3009	Sleeve, " " ... ..	2
18	E2674	Stud, " " to carburetter ... ..	4
19	E3007	Distance piece, inlet flange to carburetter R/H ... ..	1
20	E3008	" " " " " " L/H ... ..	1
21	SI-51	Nut, carburetter to flange ... ..	4
22	S25-3	Washer, " " " " ... ..	4
<b>EXHAUST SYSTEM</b>			
23	E2974	Pipe, exhaust R/H ... ..	1
24	E2976	" " L/H ... ..	1
25	E3023	Pipe, straight through extension R/H ... ..	1
26	E3024	" " " " L/H ... ..	1
27	E1270	Clip, straight pipe to cylinder head ... ..	2
28	E409	Bolt, " " clip ... ..	2
29	E410A	Washer, " " " bolt ... ..	2
30	E2734	Megaphone, R/H ... ..	1
31	E2735	" " L/H ... ..	1
32	E2271	Clip, megaphone to exhaust pipe ... ..	2
33	TE164E	Bolt for E2271 clip ... ..	2
34	TE164C	"D" nut for TE164E bolt ... ..	2
35	TE164D	"D" washer for TE164E bolt ... ..	2
36	F3191	Bolt, megaphone to frame ... ..	2
37	PO172A	Nut, " " " bolt ... ..	2
38	F3190	Distance piece for F3191 bolt ... ..	2
39	S26-1	Spring washer " " " " ... ..	2

REF. No.	PART No.	DESCRIPTION	QUANTITY
<b>REV COUNTER AND TACHOMETER DRIVE</b>			
1	RC126	Rev-Counter head ... ..	1
2	S2091/5	Cable, tachometer drive ... ..	1
3	E3022	Gearbox, " " ... ..	1
4	E3050	Seal, " " ... ..	1
5	E2994	Pinion, " " ... ..	1
6	GS297	Nut, " " pinion ... ..	1
7	S25-13	Washer, " " " ... ..	1
8	E2995	Bolt, " " gearbox ... ..	1
9	E2996	Screw, " " " ... ..	1
10	E2997	Nut for E2996 ... ..	1
11	E1612	Washer for E2996 ... ..	1
<b>GASKET SET</b>			
12	GST100R/51	Gasket Set ... ..	1
Comprising of:—			
13	E1650	Gasket, rocker box ... ..	4
14	E2249	Washer, cylinder base ... ..	1
15	E1497	" Push rod cover tube upper ... ..	2
16	E1496	" " " lower ... ..	2
17	E1335	" Rocker feed and drain ... ..	12
18	F1880	" " drain ... ..	4
19	E1577	" " box inspection cap ... ..	4
20	E2618	" Distance piece and carburetter ... ..	2
21	E2967	" Inlet flange to cylinder head ... ..	2
22	E1529	" Oil junction block ... ..	1
23	E1537	" Oil pump ... ..	1
24	E487	" Crankcase filter ... ..	2
25	E3010	" Tach-drive to crankcase ... ..	1
26	H430	" " " gearbox bolt ... ..	1
<b>FOOTRESTS</b>			
27	F3201	Footrest folding, complete ... ..	1
28	F3163	Pedal footrest ... ..	1
29	F3161	Swivel " pedal ... ..	1
30	F3162	Bolt, " " pivot ... ..	1
31	SI-51	Nut, " " " ... ..	1
32	PCW73A	Washer " " " ... ..	1
33	F3160	Arm, " " " ... ..	1
34	F2645	Bolt N/S and O/S Footrests to frame ... ..	2
35	F880	Nut, O/S Footrest bolt ... ..	1
36	SCZ45	Washer, bolt spring ... ..	2
37	F3166	Rod (replacing footrest rod) ... ..	1
38	F3193	Distance piece, rod ... ..	2
<b>REAR BRAKE ROD AND ANCHORAGE PIN</b>			
39	F1015E	Rod, rear brake operating ... ..	1
40	F2648	Pin, brake plate anchorage ... ..	1
41	W743	Nut, " " " pin ... ..	1
42		$\frac{3}{16}$ " dia. $\times$ $\frac{1}{2}$ " split pin ... ..	1

**ALWAYS QUOTE ENGINE NUMBER AND PREFIX**

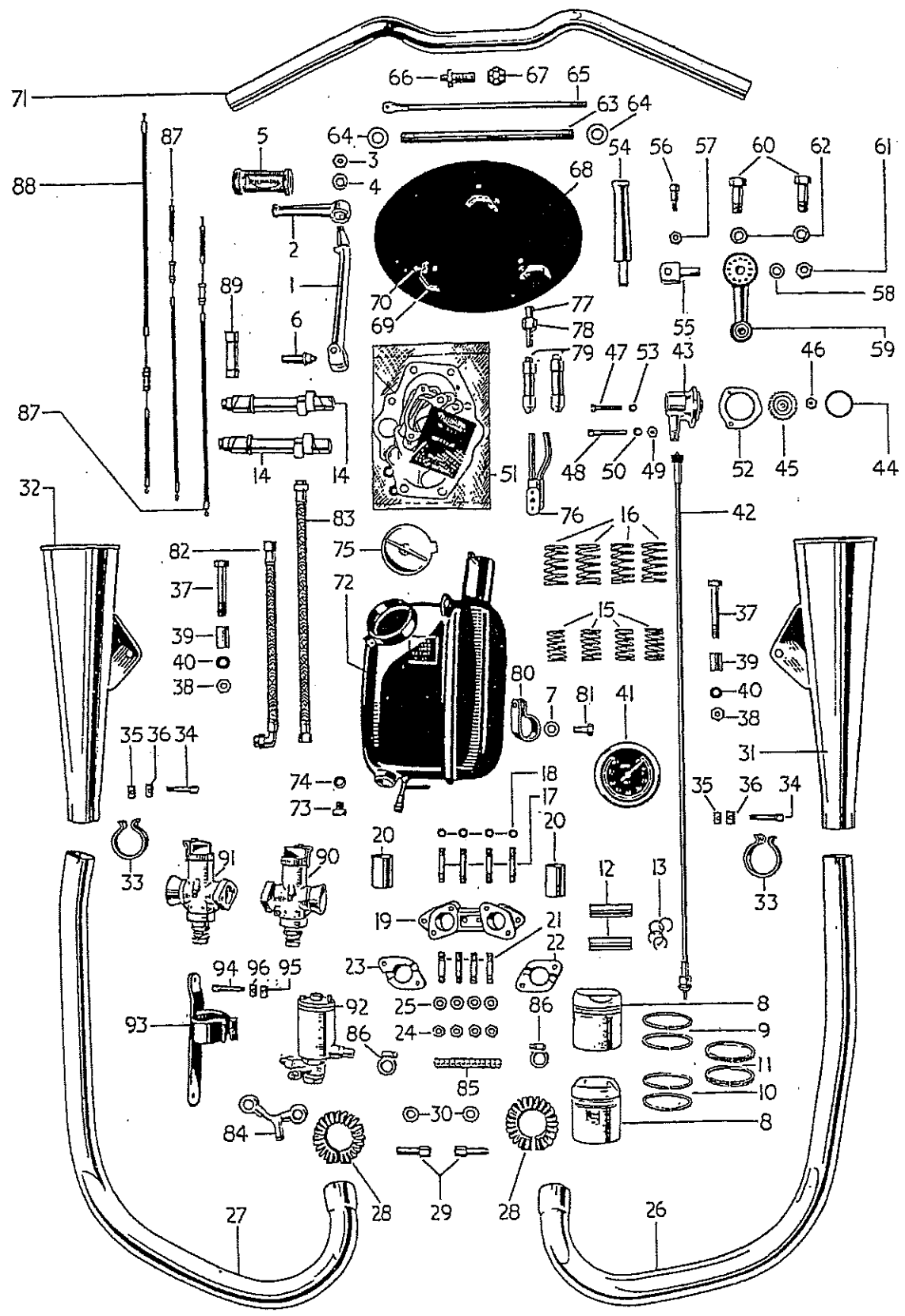


REF. No.	PART No.	DESCRIPTION	QUANTITY
<b>RACING FRONT NUMBER PLATE</b>			
1	F3192	Plate, front number	1
2	H766	Bracket, front number plate	3
3	H687	Screw, " " " "	3
<b>HANDLEBAR</b>			
4	H811	Handlebar	1
<b>FOLDING KICKSTARTER</b>			
5	T29/30	Kickstarter assembly, folding	1
6	T29	Lever, kickstarter	1
7	T30	Pedal, " "	1
8	F1814	Rubber, " "	1
9	T111	Nut, " pedal to lever	1
10	T112	Washer, " " " "	1
11	S52-1	Cotter pin, lever to shaft	1
<b>OIL TANK</b>			
12	F3370	Oil tank complete	1
13	F1792	Plug oil tank drain	1
14	PT104B	Washer, drain plug	1
15	F1034	Cap, oil tank hinged filler	1
16		$\frac{3}{8}$ " dia. x 1" split pin	1
17	E2963	Pipes, engine feed and scavenge assembly	1
18	F3189	Pipe, oil scavenge top half	1
19	F3182	Nut, " " " " pipe	1
20	MF119A	Connection, oil pipe rubber	2
21	F2567	Bracket, tank fixing lower	1
22	F996	Bolt, " " " "	3
23	F3006	Washer, " " " (rubber)	6
24	S25-27	" " " " "	3
<b>PETROL FEED PIPES</b>			
25	F2693	Pipe, petrol feed L/H	1
26	F2692	" " " R/H	1
27	F2688	" mixing chambers connecting	1
28	F2879	" connecting pipe to float chamber	1
29	D177-2	Clip, " " " " " pipe	2
<b>THROTTLE CABLE</b>			
30	D216	Cable assembly, throttle	1
31	D218	" handlebar to junction box	1
32	D219	" junction box to carburetter	2
33	D101	Ferrule, at twist grip and junction box	10
34	6/132	" carburetter end	2
35	D104	Adjuster, cable	3
36	D83	Nipple, twist grip end	1
37	NS191	" junction box and carburetter	5
38	244/104	Junction box, dual cable	1

SEE SPECIMEN ORDER IN PREFACE

REF. No.	PART No.	DESCRIPTION	QUANTITY
<b>CARBURETTERS</b>			
1	76/AO	Mixing chamber, assembly L/H	1
2	76/AN	" " " R/H	1
3	76/414	" " only L/H	1
4	76/415	" " " R/H	1
5	6/058	Block jet R/H	1
6	6/058LH	" " L/H	1
7	6/403	Top, mixing chamber	2
8	6/032B	Cap " " "	2
9	4/235	Spring mixing chamber cap	2
10	4/241	Screw, " " " spring	2
11		Screw, air blanking	2
12	6/052	Valve, throttle 6/4	2
13	4/263	Spring, throttle valve	2
14	4/060	Split pin throttle valve	2
15	6/065	Needle, jet	2
16	4/230	Clip, needle	2
17	4/061	Jet, needle 109	2
18	4/042	Jet, main 180	2
19	6/062	Union nut, mixing chamber	2
20	6/040	Washer, union nut	2
21	4/043	Bolt, float chamber, holding	2
22	4/053	Washer, holding bolt	4
23	13/129	Screw, pilot air adjusting	2
24	4/148	Spring, " " "	2
25	4/063	Screw, throttle stop	2
26	16/010	Locknut " " "	2
27	6/038	Tube, air intake	2
28	14/538	Float chamber assembly (remote)	1
29	14/217R	Body, float chamber	1
30	14/138	Cover, " " "	1
31	14/021	Screw, " " lock	1
32	14/031	Tickler, float	1
33	14/032	Spring, tickler	1
34	14/033	Pin, " split	1
35	14/189	Washer, " "	1
36	14/245	Needle, float	1
37	14/304	Float	1
38	14/279	Spring, float bow	1
39	193/084	Pin, float securing cotter	1
40	14/253	Seating, needle valve	1
41	14/252	Washer, " " seating	1
42	14/250	Banjo, 90°	1
43	14/275	Washer, banjo	2

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS



T100 RACING KIT

RACING KIT  
INDEX TO ILLUSTRATION ON PAGE 110

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	T29	53	19	49	E2997	107	40
2	T30	53	20	50	E1612	107	11
3	T111	53	21	51	GST100R/51	107	12
4	T112	53	22	52	E3010	107	25
5	F1814	53	23	53	H430	107	26
6	S52-1	53	24	54	F3163	107	28
7	S26-3	89	14	55	F3161	107	29
8	E2489	106	3	56	F3162	107	30
	E2884	106	4	57	S1-51	107	31
9	E656	106	5	58	PCW73A	107	32
10	E3048	106	6	59	F3160	107	33
11	GE29	106	7	60	F2645	107	34
12	WE203E	106	8	61	F880	107	35
13	WE479	106	9	62	SCZ45	107	36
14	E3134	106	10	63	F3166	107	37
15	E3001	106	12	64	F3193	107	38
16	E3002	106	13	65	F1015E	107	39
17	E3004	106	14	66	F2648	107	40
18	E2728	106	15	67	W743	107	41
19	E3006	106	16	68	F3192	108	1
20	E3009	106	17	69	H766	108	2
21	E2674	106	18	70	H687	108	3
22	E3007	106	19	71	H811	108	4
23	E3008	106	20	72	F3370	108	12
24	S1-51	106	21	73	F1792	108	13
25	S25-3	106	22	74	PT104B	108	14
26	E2974	106	23	75	F1034	108	15
27	E2976	106	24	76	E2963	108	17
28	E1270	106	27	77	F3189	108	18
29	E409	106	28	78	F3182	108	19
30	E410A	106	29	79	MF119A	108	20
31	E2734	106	30	80	E2567	108	21
32	E2735	106	31	81	F996	108	22
33	E2271	106	32	82	F2693	108	25
34	TE164E	106	33	83	F2692	108	26
35	TE164C	106	34	84	F2688	108	27
36	TE164D	106	35	85	F2879	108	28
37	F3191	106	36	86	D177-2	108	29
38	PO172A	106	37	87	D218	108	31
39	F3190	106	38	88	D219	108	32
40	S26-1	106	39	89	244/104	108	38
41	RC126	107	1	90	76/AO	109	1
42	S2091/5	107	2	91	76/AN	109	2
43	E3022	107	3	92	14/538	109	28
44	E3050	107	4	93	F2639	112	1
45	E2994	107	5	94	TE164E	112	4
46	GS297	107	6	95	TE164C	112	5
47	E2995	107	8	96	TE164D	112	6
48	E2996	107	9				

REF. No. PART No. DESCRIPTION QUANTITY

**FLOAT CHAMBER BRACKET**

1	F2639	Bracket assembly, float chamber	1
2	F1213	Bolt, bracket to oil tank bottom	1
3	S26-3	Washer, bolt spring	2
4	TE164E	Bolt, float chamber clip	1
5	TE164C	"D" Nut, float chamber clip bolt	1
6	TE164D	"D" Washer	1

Use sandpaper packing between float chamber and bracket

**MUDGUARD GROUP**

**FRONT MUDGUARD**

7	CP106	Mudguard front, complete with fittings For sub-assemblies refer to Front Mudguard Group, Page 78 TR5 column	1
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**REAR MUDGUARD**

8	CP107	Mudguard rear, complete with fittings	1
9	F2653	Blade only	1
10	F2654	Stay, centre	1
11	F2656	Stay, back	1
12	H532	Clip, stay to blade	4
13	H533	Backing strip, clip	4
14	DS57	Bolt, clip to blade	8
15	E1612	Washer, for DS57 bolt	8
16	F879	Nut, " " " "	8
17	PF204	Clip, mudguard to frame lower	1
18	F3198	Bracket, " " " bridge	1
19	F444	Backing strip, clip and bracket	2
20	F2659	Backing strip for PF204 clip	1
21	S23-42	Bolt, clip and bracket	4
22	S25-1	Washer, clip and bracket	4
23	E579	Bolt, stays to frame	2
24	S25-2	Washer, stays to frame	2

**GEARBOX**

For close ratio gears see page 56

**PARTS TO CONVERT TO SUIT ALCOHOL FUEL**

25	E3046	Block, cylinder (cast iron)	1
26	CP69	Piston assembly (CR.12:1) Sub-assemblies as standard	2
27	F2693	Pipe, petrol feed	2
28	14/604	Float chamber assembly	2
29		Needle jet .113	2
30	4/042*	Main jet 660	2

\*Correct jet size to ascertain during practice runs.  
The standard jet Block can be modified by drilling out the pilot jet orifice to .031" (No.68 Morse drill).

**TREASURY NOTES MUST BE REGISTERED**

**PROPRIETARY GROUP**

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

**CARBURETTERS**

Messrs. Amal Ltd.,  
Holford Works, Perry Barr, Birmingham, 20.

The S.U. Carburetter Co. Ltd.,  
Wood Lane, Erdington, Birmingham, 24.

**CHAINS**

The Renold and Coventry Chain Co. Ltd.,  
Didsbury, Manchester.

**ELECTRICAL EQUIPMENT**

Messrs. J. Lucas, Ltd.,  
Gt. Hampton Street, Birmingham, 18.

**MAGNETOS**

Messrs. J. Lucas, Ltd.,  
Gt. Hampton Street, Birmingham, 18.

Messrs. British Thomson-Houston, Ltd.,  
Alma Street, Coventry.

**SADDLES**

Messrs. Terrys Ltd.,  
210, Corporation Street, Birmingham.

J. B. Brooks & Co. Ltd.,  
Great Charles Street, Birmingham, 3.

**SPARKING PLUGS**

K.L.G. Sparking Plugs,  
Putney Vale, London, S.W.15.

Messrs. Lodge Plugs Ltd., Rugby.

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

**SPEEDOMETERS**

Messrs. Smiths Motor Accessories Ltd.,  
Cricklewood Works, London, N.W.2.



REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	14/024	Needle, valve ... ..	1	—	1	1	—
2	14/245	" " ... ..	—	—	—	—	1
3	14/279	Float, Bow spring ... ..	—	—	—	—	1
4	193/084	Cotter pin, float securing ... ..	—	—	—	—	1
5	14/253	Seating, needle valve ... ..	—	—	—	—	1
6	14/252	Washer, " " seating ... ..	—	—	—	—	1
7	14/209	Tickler ... ..	1	—	1	1	—
8	14/031	" " ... ..	—	—	—	—	1
9	14/210	Stop, tickler ... ..	1	—	1	1	—
10	14/189	" " ... ..	—	—	—	—	1
11	14/032	Spring " ... ..	1	—	1	1	—
12	14/289	Cotter " ... ..	1	—	1	1	—
13	14/033	" " ... ..	—	—	—	—	1
14	64/353	Screw, platform plug ... ..	1	—	1	1	—
15	23/110	Washer, " " screw ... ..	1	—	1	1	—
16	14/178	Locknut, seating ... ..	1	—	1	1	—
17	14/175	Washer, " " ... ..	1	—	1	1	—
18	14/250	Banjo (Twin) 90° ... ..	—	—	—	—	1
19	14/275	Washer, Banjo ... ..	—	—	—	—	2
20	14/255	Nut, " " ... ..	—	—	—	—	1
21	14/219	Pipe, float chamber flexible connection ... ..	—	—	—	—	1
22	14/336	Washer, float chamber connection ... ..	—	—	—	—	1
23	14/042	Nut, petrol union ... ..	—	—	—	—	1
24	14/041	Nipple, " " ... ..	—	—	—	—	1

### SPARKING PLUG GROUP

25	H14	Plug, sparking (Lodge) ... ..	2	2	—	—	—
26	LIIS	" " (Champion) ... ..	2	2	—	—	—
27	F80	" " (K.L.G.) ... ..	2	2	—	—	—
28	HLN	" " (Lodge) ... ..	—	—	2	2	2
29	NA10	" " (Champion) ... ..	—	—	2	2	2
30	FE80	" " (K.L.G.) ... ..	—	—	2	2	2
31	D297	Cover and Suppressor, plug ... ..	2	2	2	2	2

SEE SPECIMEN ORDER IN PREFACE

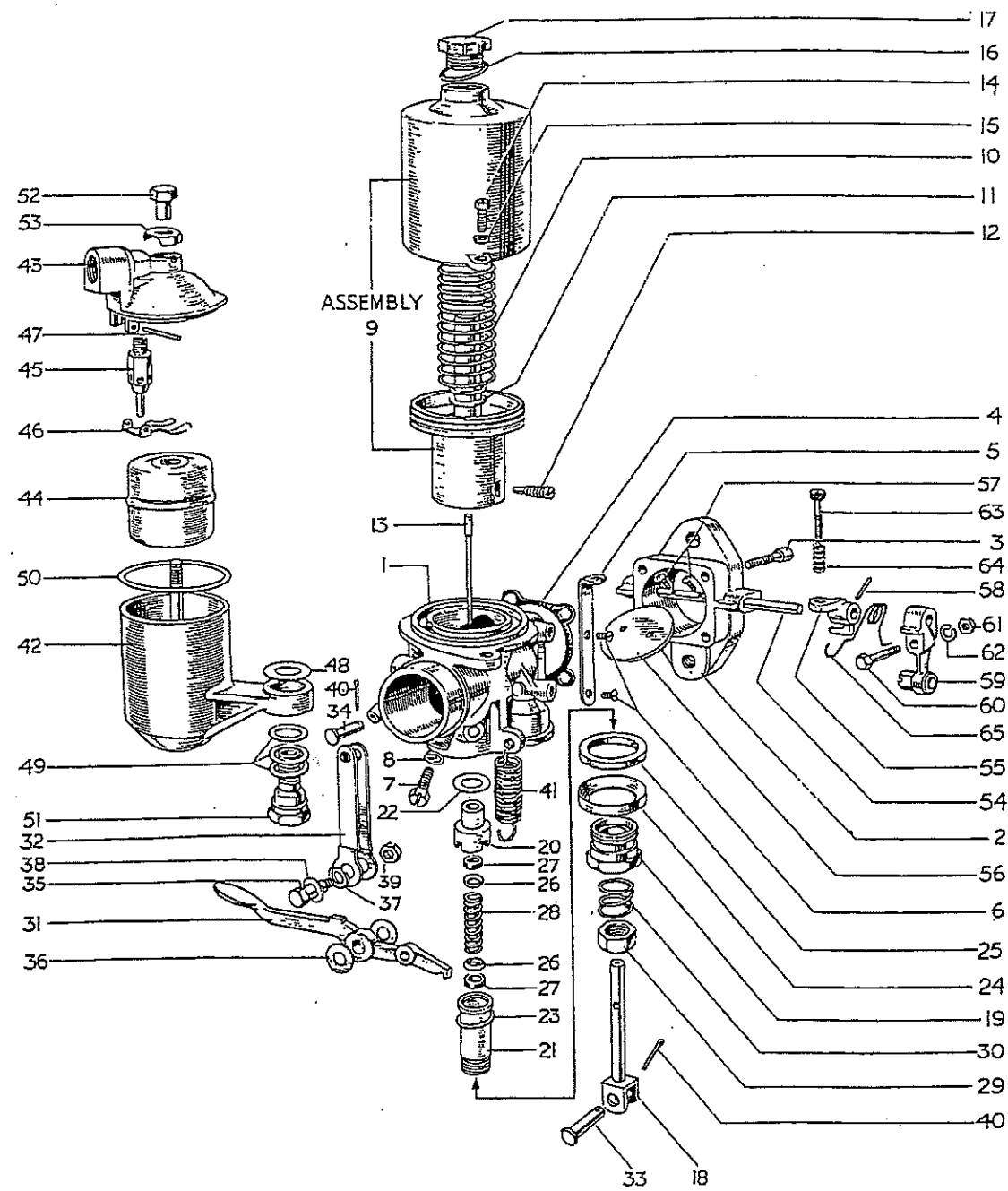
### S.U. CARBURETTER GROUP

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	603	Carburetter MC2 ... .. Less Triumph fittings ... ..	—	1	—	—	—
FITTINGS (TRIUMPH)							
2	F3339	Vent pipe, carburetter to air filter ... ..	—	1	—	—	—
CARBURETTER BODY							
3	4800/2	Body, carburetter body c/w guide pin and plug ... ..	—	1	—	—	—
4	4923	Adaptor, throttle barrel ... ..	—	1	—	—	—
5	4805	Screw, adaptor to body ... ..	—	4	—	—	—
6	4804	Joint, " " " " ... ..	—	1	—	—	—
7	5072	Abutment bracket, throttle cable ... ..	—	1	—	—	—
8	5073	Screw, bracket to carburetter ... ..	—	2	—	—	—
9	4857	Screw, 2BA Plug ... ..	—	1	—	—	—
10	1863	Washer, 2AB Plug screw ... ..	—	1	—	—	—
SUCTION CHAMBER							
11	4841 } 3171/1 } 4842/1 }	Chamber, suction complete ... ..	—	1	—	—	—
12	4387	Spring, piston ... ..	—	1	—	—	—
13	3071	Washer, thrust ... ..	—	1	—	—	—
14	149	Screw, needle ... ..	—	1	—	—	—
15	M9	Needle, jet ... ..	—	1	—	—	—
16	4857	Screw, chamber securing ... ..	—	2	—	—	—
17	1863	Washer, spring ... ..	—	2	—	—	—
18	4900	Washer, oil cap ... ..	—	1	—	—	—
19	4920	Oil cap, octagonal ... ..	—	1	—	—	—
JET ASSEMBLY							
20	112/1394	Jet ... ..	—	1	—	—	—
21	3232	Screw, jet ... ..	—	1	—	—	—
22	3230	Bearing, jet top half ... ..	—	1	—	—	—
23	3231	" " bottom half ... ..	—	1	—	—	—
24	122	Washer, top half (copper) ... ..	—	1	—	—	—
25	3233	" " bottom half (copper) ... ..	—	1	—	—	—
26	117	Ring, sealing (brass) ... ..	—	1	—	—	—
27	118	" " (cork) ... ..	—	1	—	—	—
28	119/1	Washer, gland (brass) ... ..	—	2	—	—	—
29	120	" " (cork) ... ..	—	2	—	—	—
30	1158	Spring " ... ..	—	1	—	—	—
31	121	Nut, adjusting ... ..	—	1	—	—	—
32	114	Spring ... ..	—	1	—	—	—

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS

S.U. CARBURETTER

INDEX TO ILLUSTRATION ON PAGE 118



S.U. CARBURETTER TYPE MC2

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	4800/2	117	3	33	108	120	3
2	4923	117	4	34	381	120	4
3	4805 (4 off)	117	5	35	4884/1	120	5
4	4804	117	6	36	4885 (2 off)	120	6
5	5072	117	7	37	4875/2	120	7
6	5073 (2 off)	117	8	38	5023	120	8
7	4857	117	9	39	156	120	9
8	1863	117	10	40	109 (2 off)	120	10
9	4841	117	11	41	4872	120	11
	3171/1			41	1216	120	12
	4842/1			43	4517	120	13
10	4387	117	12	44	1223	120	14
11	3071	117	13	45	1121/1859	120	15
12	149	117	14	46	1981	120	16
13	M9	117	15	47	1251	120	17
14	4857 (2 off)	117	16	48	130	120	18
15	1863 (2 off)	117	17	49	5026/7	120	19
16	4900	117	18	50	1412	120	20
17	4920	117	19	51	1541/3	120	21
18	112/1394	117	20	52	1163	120	22
19	3232	117	21	53	1606	120	23
20	3230	117	22	54	4901	120	24
21	3231	117	23	55	See 54		
22	122	117	24	56	169	120	25
23	3233	117	25	57	1358/1 (2 off)	120	26
24	117	117	26	58	106	120	27
25	118	117	27	59	1500/6	120	28
26	119/1 (2 off)	117	28	60	694	120	29
27	120 (2 off)	117	29	61	156	120	30
28	1158	117	30	62	246	120	31
29	121	117	31	63	3464	120	32
30	114	117	32	64	3465	120	33
31	4882	120	1	65	5070	120	34
32	4883	120	2				

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

JET LEVER AND LINKAGE

1	4882	Lever, jet	...	...	...	1	—	—	—
2	4883	Link, jet	...	...	...	1	—	—	—
3	108	Pivot pin, long	...	...	...	1	—	—	—
4	381	" " short	...	...	...	1	—	—	—
5	4884/1	Bolt	...	...	...	1	—	—	—
6	4885	Washer, fibre	...	...	...	2	—	—	—
7	4875/2	Washer, double coil spring	...	...	...	1	—	—	—
8	5023	Washer, plain	...	...	...	1	—	—	—
9	156	Nut, 2BA	...	...	...	1	—	—	—
10	109	Split pin	...	...	...	2	—	—	—
11	4872	Spring, return	...	...	...	1	—	—	—

FLOAT CHAMBER

12	1216	Chamber, float	...	...	...	1	—	—	—
13	4517	Lid, float chamber	...	...	...	1	—	—	—
14	1223	Float	...	...	...	1	—	—	—
15	1121/1859	Needle and seat	...	...	...	1	—	—	—
16	1981	Lever, hinged	...	...	...	1	—	—	—
17	1251	Pin, " lever	...	...	...	1	—	—	—
18	130	Washer, fibre	...	...	...	1	—	—	—
19	5026/7	" set—2 fibre, 1 brass	...	...	...	1	—	—	—
20	1412	" float chamber lid	...	...	...	1	—	—	—
21	1541/3	Bolt, holding	...	...	...	1	—	—	—
22	1163	Nut, float lid	...	...	...	1	—	—	—
23	1606	Cap, brass	...	...	...	1	—	—	—

THROTTLE

24	4901	Spindle, throttle	...	...	...	1	—	—	—
25	169	Disc	...	...	...	1	—	—	—
26	1358/1	Screw, throttle disc	...	...	...	2	—	—	—
27	106	Pin, taper	...	...	...	1	—	—	—
28	1500/6	Lever, throttle	...	...	...	1	—	—	—
29	694	Bolt	...	...	...	1	—	—	—
30	156	Nut	...	...	...	1	—	—	—
31	246	Washer, spring	...	...	...	1	—	—	—
32	3464	Screw, adjusting	...	...	...	1	—	—	—
33	3465	Spring adjusting screw lock	...	...	...	1	—	—	—
34	5070	Spring, return	...	...	...	1	—	—	—

TREASURY NOTES MUST BE REGISTERED

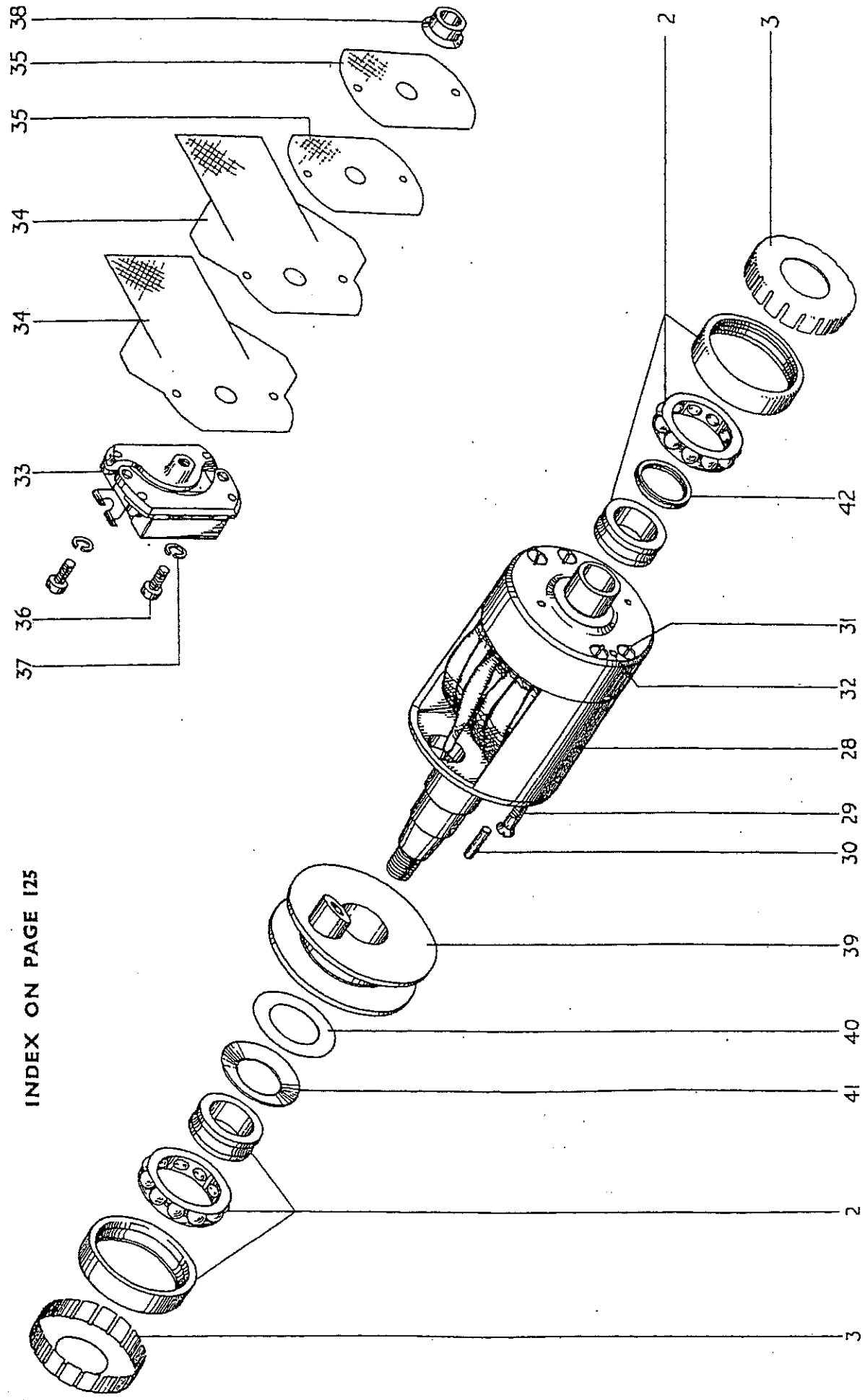
MAGNETO (B.T.H.) GROUP

REF. No. PART No. DESCRIPTION 5T 6T TR5 T100 T100c

1	D152	Magneto, less auto advance	...	...	...	1	—	—	—
2	D152/AC9	Magneto, manual control	...	...	...	—	1	1	1
3	SKC10917-4	Housing, magneto main	...	...	...	1	1	1	1
4	SKC741-G1	Ball race	...	...	...	2	2	2	2
5	SKC6123-1	Insulation washer, ball race	...	...	...	2	2	2	2
6	CR22186-1	Shim, bearing adjusting .002" and .003"	...	...	...	1	1	1	1
7	CZ108979	Seal, oil retaining	...	...	...	1	1	1	1
8	CR32042	Magnet	...	...	...	1	1	1	1
9	SKC6245-1	Screw, magnet locating	...	...	...	2	2	2	2
10	SKC24291-1	Cover, magnet	...	...	...	1	1	1	1
11	3BA 1/8"	Screw, magnet cover (roundhead)	...	...	...	2	2	2	2
12	SKC9952-8	Washer, magneto cover fixing	...	...	...	2	2	2	2
13	CR23290-1	Screw, safety spark gap	...	...	...	2	2	2	2
14	SKC6799-1	Locking tab, spark gap screw	...	...	...	2	2	2	2
15	SKC87159-G1	Holder, collector brush	...	...	...	2	—	—	—
16	SKC87159-G2	" " " "	...	...	...	—	2	2	2
17	SKC6306-G2	Brush and spring collector	...	...	...	2	2	2	2
18	CR87404-1	Washer, collector brush holder sealing	...	...	...	2	2	2	2
19	CR87160-1	Nut, " " " ring	...	...	...	2	2	2	2
20	CZ60707-G19	Cable H.T.	...	...	...	2	2	2	2
21	SKC6397-1	Screw H.T. cable securing	...	...	...	2	2	2	2
22	E2415	Clip, H.T. cable to carburetter manifold	...	...	...	1	1	1	1
23	CR87403-1	Ferrule, H.T. cable water-proof	...	...	...	2	2	2	2
24	CY50495-G1	Armature c/w condenser and end plate	...	...	...	1	1	1	1
25	SKC6115-1	Screw, armature spindle to core	...	...	...	4	4	4	4
26	SKC6111-1	Dowel, armature spindle	...	...	...	2	2	2	2
27	SKC6114-1	Screw, " " securing	...	...	...	4	4	4	4
28	SKC6112-1	Dowel, " " "	...	...	...	1	1	1	1
29	CY52078-G2	Condenser	...	...	...	1	1	1	1
30	SKC6636-1	Insulator, condenser (large)	...	...	...	2	2	2	2
31	SKC6637-1	Insulation, " (small)	...	...	...	2	2	2	2
32	CR20776-1	" " bush	...	...	...	1	1	1	1
33	4BAx 1/8" ch.hd.	Screw " " securing	...	...	...	2	2	2	2
34	SKC9953-6	Washer, " " screw	...	...	...	2	2	2	2
35	SKC6612-G1	Slip ring	...	...	...	1	1	1	1
36	SKC6122-1	Washer, slip ring plain	...	...	...	1	1	1	1
37	SKC6180-1	" " " spring	...	...	...	1	1	1	1
38	CR20774-1	Ring, reinforcing	...	...	...	1	1	1	1
39	CX1883-G24	Contact breaker L.H. complete	...	...	...	1	1	1	1
40	SKC74955-G2	Base and check spring assembly c/breaker	...	...	...	1	1	1	1
41	CZ63472-G2	Lever contact and springs	...	...	...	1	1	1	1
42	SKC6215-1	Spring, contact breaker reinforcing	...	...	...	2	2	2	2
43	SKC6208-1	Screw, " " spring	...	...	...	2	2	2	2
44	CR29708-1	Wick, " " lever	...	...	...	1	1	1	1
45	SKC29303-G1	Contact adjustable screw	...	...	...	1	1	1	1

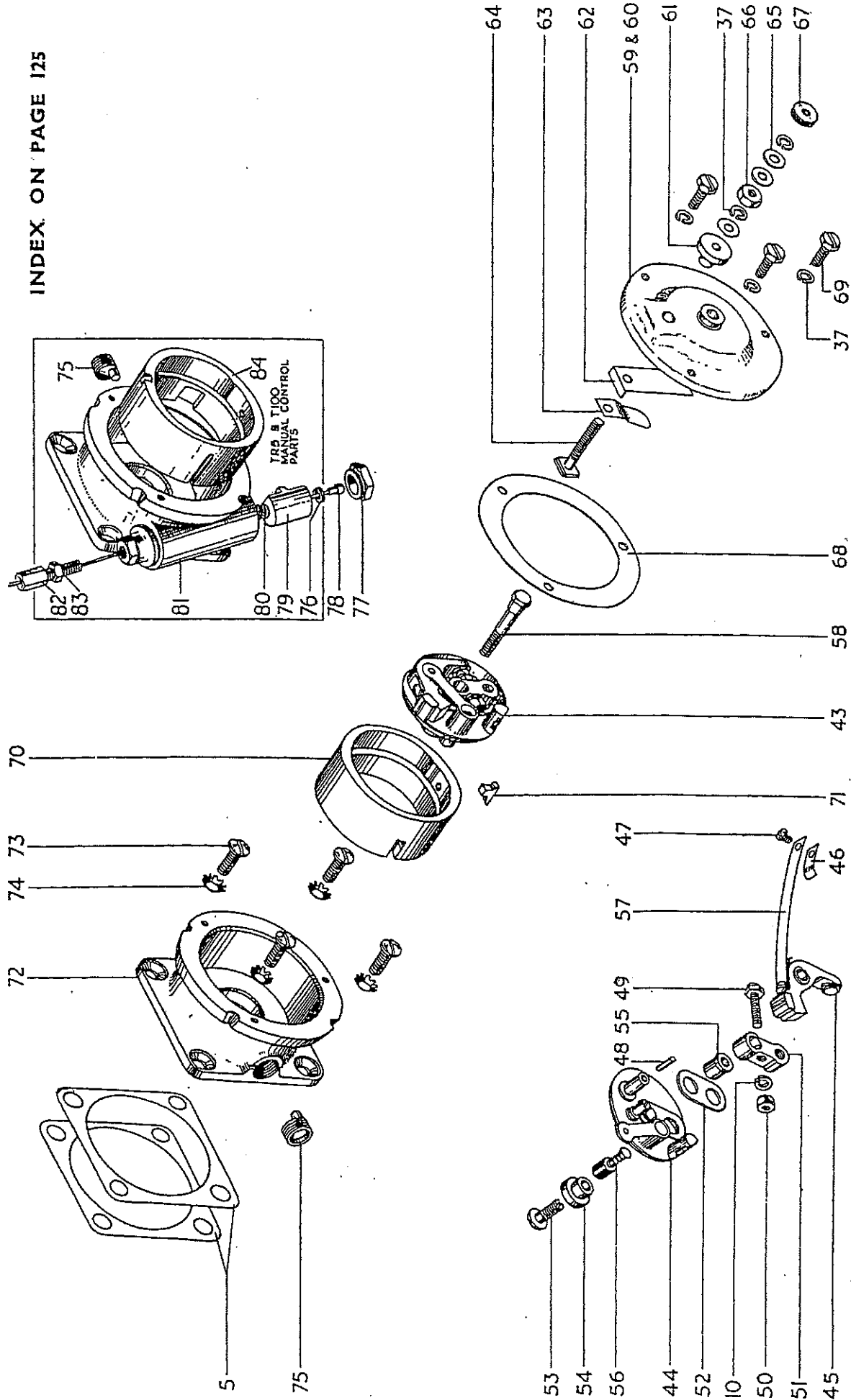
WHEN IN DOUBT SEND SAMPLE

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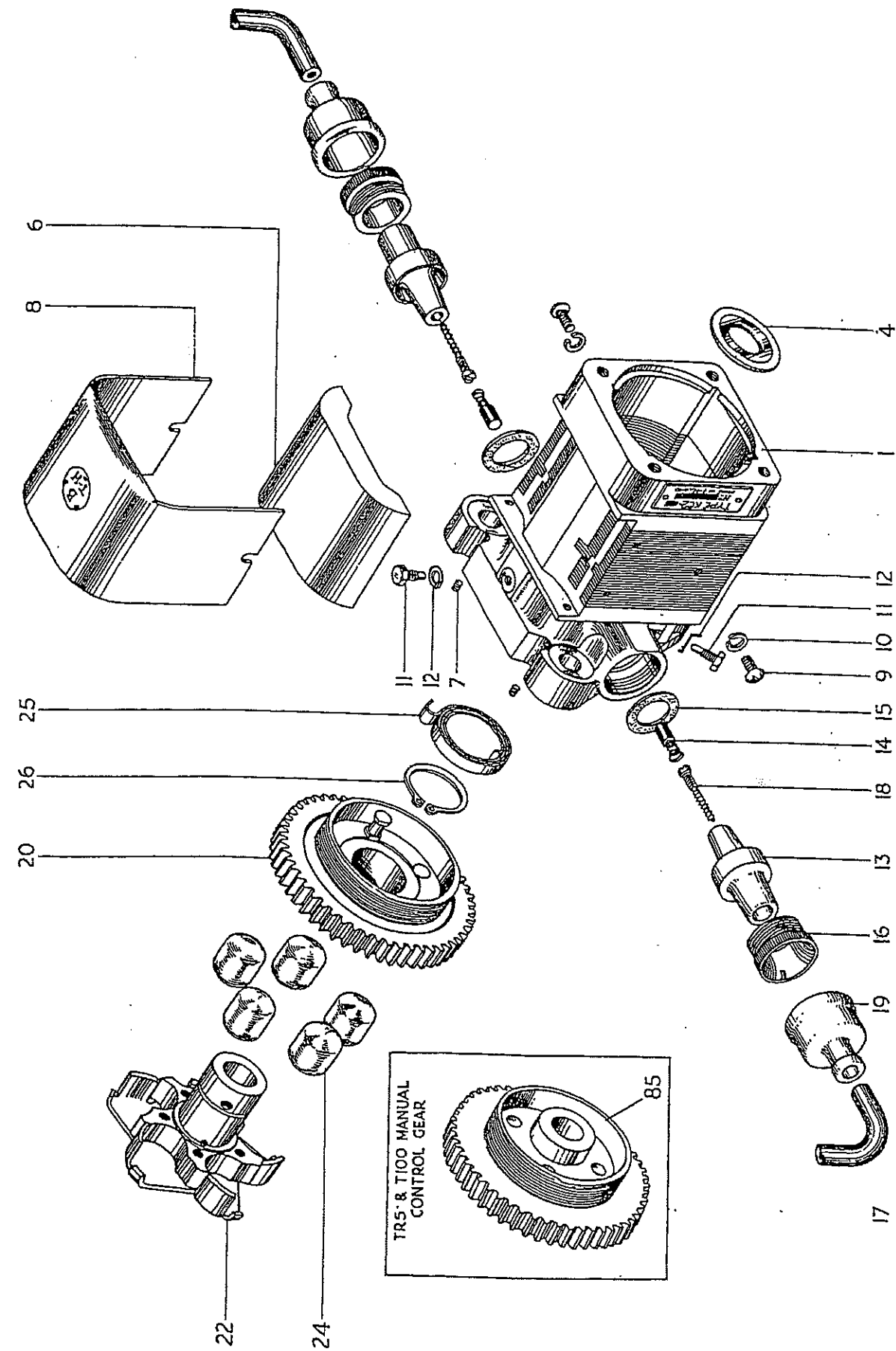
B.T.H. MAGNETO ARMATURE AND CONDENSER

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B.T.H. MAGNETO CONTACT BREAKER AND HOUSING





B.T.H. MAGNETO HOUSING AND DRIVING GEAR

B.T.H. MAGNETO  
INDEX TO ILLUSTRATIONS ON PAGES 122, 123 AND 124

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	SKC.10917-4	121	3	45	CZ.63472-G2	121	41
2	SKC.741-G1	121	4	46	SKC.6215-1	121	42
3	SKC.6123-1	121	5	47	SKC.6208-1	121	43
4	CZ.108979	121	7	48	CR.29708-1	121	44
5	CR.22186-1	121	6	49	SKC.29303-G1	121	45
6	CR.32042-1	121	8	50	SKC.6216-1	126	1
7	SKC.6245-1	121	9	51	SKC.6235-1	126	3
8	SKC.24291-1	121	10	52	SKC.6213-1	126	4
9	3BA x 5/8" rd. hd.	121	11	53	SKC.6209-1	126	5
10	SKC.9952-8	121	12	54	SKC.6210-1	126	6
11	CR.23290-1	121	13	55	SKC.6212-1	126	7
12	SKC.6799-1	121	14	56	SKC.6219-G1	126	8
13	SKC.87159-G1	121	15	57	SKC.6214-1	126	9
	SKC.87159-G2	121	16	58	CR.29487-1	126	10
14	SKC.6306-G2	121	17	59	CZ.61580-1	126	11
15	CR.87404-1	121	18	60	SKC.28537	126	12
16	CR.87160-1	121	19	61	CR.89533-1	126	13
17	CZ.60707-G19	121	20	62	CR.29456-1	126	14
18	SKC.6397-1	121	21	63	CR.29455-1	126	15
19	CR.87403-1	121	23	64	CR.29459-1	126	16
20	SKC.127562-G2	126	43	65	4 BA Std.	126	17
22	CZ.108934	126	44	66	CR.26513	126	19
24	CR.35706-1	126	45	67	CR.89927-1	126	20
25	CR.35707-1	126	46	68	CR.28540-1	126	22
26	CR.35709-1	126	47	69	CR.28571-1	126	23
28	CY.50495-G1	121	24	70	SKC.33650	126	25
29	SKC.6115-1	121	25	71	SKC.6344-1	126	31
30	SKC.6111-1	121	26	72	SKC.28544-G3	126	27
31	SKC.6114-1	121	27	73	2 BA x 1/2" hd.	126	29
32	SKC.6112-1	121	28	74	SKC.88939-20	126	30
33	CY.52078-G2	121	29	75	CR.26381-1	126	32
34	SKC.6636-1	121	30	76	CR.24218	126	41
35	SKC.6637-1	121	31	77	CR.32419-1	126	36
36	4BA x 5/8" ch. hd.	121	33	78	CR.24219	126	40
37	SKC.9953-6	121	34	79	SKC.24217	126	33
38	CR.20776-1	121	32	80	CR.24263	126	34
39	SKC.6612-G1	121	35	81	SKC.28544-G2	126	28
40	SKC.6122-1	121	36	82	CR.8978-1	126	37
41	SKC.6180-1	121	37	83	CR.8979-1	126	38
42	CR.20774-1	121	38	84	CY.52765-2	126	6
43	CX.1883-G24	121	39	85	E.2741	43	10
44	SKC.74955-G2	121	40				

FOR IDENTIFICATION OF PARTS SEE PAGE 6

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	SKC6216-1	Nut, adjustable screw contact ...	—	1	1	1	1
2	SKC9952-8	Washer, " " " ...	—	1	1	1	1
3	SKC6235-1	Block, contact screw locating ...	—	1	1	1	1
4	SKC6213-1	Strip, insulating block ...	—	1	1	1	1
5	SKC6209-1	Screw block securing ...	—	1	1	1	1
6	SKC6210-1	Bush, screw insulating ...	—	1	1	1	1
7	SKC6212-1	Bush, block centre ...	—	1	1	1	1
8	SKC6219-G1	Brush and spring contact breaker earthing	—	1	1	1	1
9	SKC6214-1	Spring, contact breaker main ...	—	1	1	1	1
10	CR29487-1	Screw, contact breaker securing ...	—	1	1	1	1
11	CZ61580-1	Cover complete, contact breaker ...	—	1	1	1	1
12	SKC28537	Cover only, contact breaker ...	—	1	1	1	1
13	CR89533-1	Bush, contact breaker, cover insulating	—	1	1	1	1
14	CR29456-1	Strip, " " " " " "	—	1	1	1	1
15	CR29455-1	" " " " contact ...	—	1	1	1	1
16	CR29459-1	Terminal, contact breaker cover contact	—	1	1	1	1
17	4BA STrd.	Washer, " " " terminal, plain	—	3	3	3	3
18	SKC9952-6	Washer, " " " " spring	—	2	2	2	2
19	CR26513	Nut, " " " " lock	—	1	1	1	1
20	CR89927-1	" " " " " knurled	—	1	1	1	1
21	SKC88939-6	Washer, " " " " " nut	—	1	1	1	1
22	CR28540-1	Washer, " " " " cover sealing	—	1	1	1	1
23	CR28571-1	Screw, " " " " " securing	—	3	3	3	3
24	SKC9952-6	Washer contact breaker cover screw ...	—	3	3	3	3
25	SKC33650	Cam, ring ...	—	1	—	—	—
26	CY52765-2	" " " " " " " " " " " "	—	—	1	1	1
27	SKC28544-G3	Housing, cam ring ...	—	1	—	—	—
28	SKC28544-G2	" " " " " " " " " " " "	—	—	1	1	1
29	2BAx $\frac{1}{2}$ "inst.hd.	Screw, cam ring housing ...	—	4	4	4	4
30	SKC88939-20	Washer, cam ring housing lock ...	—	4	4	4	4
31	SKC6344-1	Wick, cam ring lubricating ...	—	1	1	1	1
32	CR26381-1	Screw, timing stop ...	—	1	1	1	1
33	SKC24217	Rod, timing ...	—	1	1	1	1
34	CR24263	Spring, control ...	—	1	1	1	1
35	CR24450-1	Ferrule, rubber ...	—	1	1	1	1
36	CR32419-1	Screw for base ...	—	1	1	1	1
37	CR8978-1	Stop, bowden cable ...	—	1	1	1	1
38	CR8979-1	Nut, stop locking ...	—	1	1	1	1
39	CR32997-1	Clip with screw ...	—	1	1	1	1
40	CR24219-1	Nipple, bowden control ...	—	1	1	1	1
41	CR24218-1	Washer, " " " nipple ...	—	1	1	1	1

**AUTOMATIC TIMING DEVICE**

42	E1992	Gear, c/w A T D ...	—	1	—	—	—
43	SKC127562-G2	" only ...	—	1	—	—	—
44	CZ108934	Hub, assembly ...	—	1	—	—	—
45	CR35706-1	Roller ...	—	5	—	—	—
46	CR35707-1	Spring, main ...	—	1	—	—	—
47	CR35709-1	Circlip, nut securing ...	—	1	—	—	—
48	CR35705-1	Nut, A T D to magneto ...	—	1	—	—	—

GEAR WHEEL FOR MANUAL IGNITION SEE PAGE 43

**LUCAS ELECTRICAL EQUIPMENT GROUP**

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>DYNAMO (TYPE E3L-LI-O)</b>							
1	20009F	Dynamo complete (positive earth) ...	—	1	1	1	1
2	200712	Armature ...	—	1	1	1	1
3	200738	Brush gear ...	—	1	1	1	1
4	200713	Bracket, commutation end ...	—	1	1	1	1
5	189210	Bearing, commutator end ...	—	1	1	1	1
6	200718	Cover, " " " " " "	—	1	1	1	1
7	200761	Plate, drive and oil seal end ...	—	1	1	1	1
8	200760	Bracket, drive and oil seal end ...	—	1	1	1	1
9	189307	Bearing, " " " " " "	—	1	1	1	1
10	200731	Coil, field ...	—	1	1	1	1
11	200609	Band assembly, cover ...	—	1	1	1	1
12	188818	Nipple, cable fixing ...	—	2	2	2	2
13	200212	Plate, " clamp ...	—	1	1	1	1
14	115850	Screw, " " plate ...	—	1	1	1	1
15	200732	Bolt, through fixing ...	—	2	2	2	2
16	165078	Nut, " " bolt ...	—	2	2	2	2
17	188330	Washer, " " " " " "	—	2	2	2	2
18	200737	Brush set ...	—	1	1	1	1
19	220197	Spring set, brush ...	—	1	1	1	1
20	189386	Key, woodruff ...	—	1	1	1	1
21	E2451	Pinion, dynamo ...	—	1	1	1	1
22	111700	Screw, " pinion ...	—	1	1	1	1
23	188378	Washer, " " " " " "	—	1	1	1	1
24	E2228	Nut, (dome) dynamo to gear case ...	—	1	1	1	1
25	E2414	Stud, dynamo fixing ...	—	1	1	1	1
26	E2226	Washer, " to crankcase joint ...	—	1	1	1	1
27	E2230	Strap, " fixing ...	—	1	1	1	1
28	460025	Swivel, " strap ...	—	2	2	2	2
29	112450	Screw, " " " " " "	—	2	2	2	2
30	E2784	Cover plate, crankcase (when dynamo is removed) ...	—	—	1	1	1

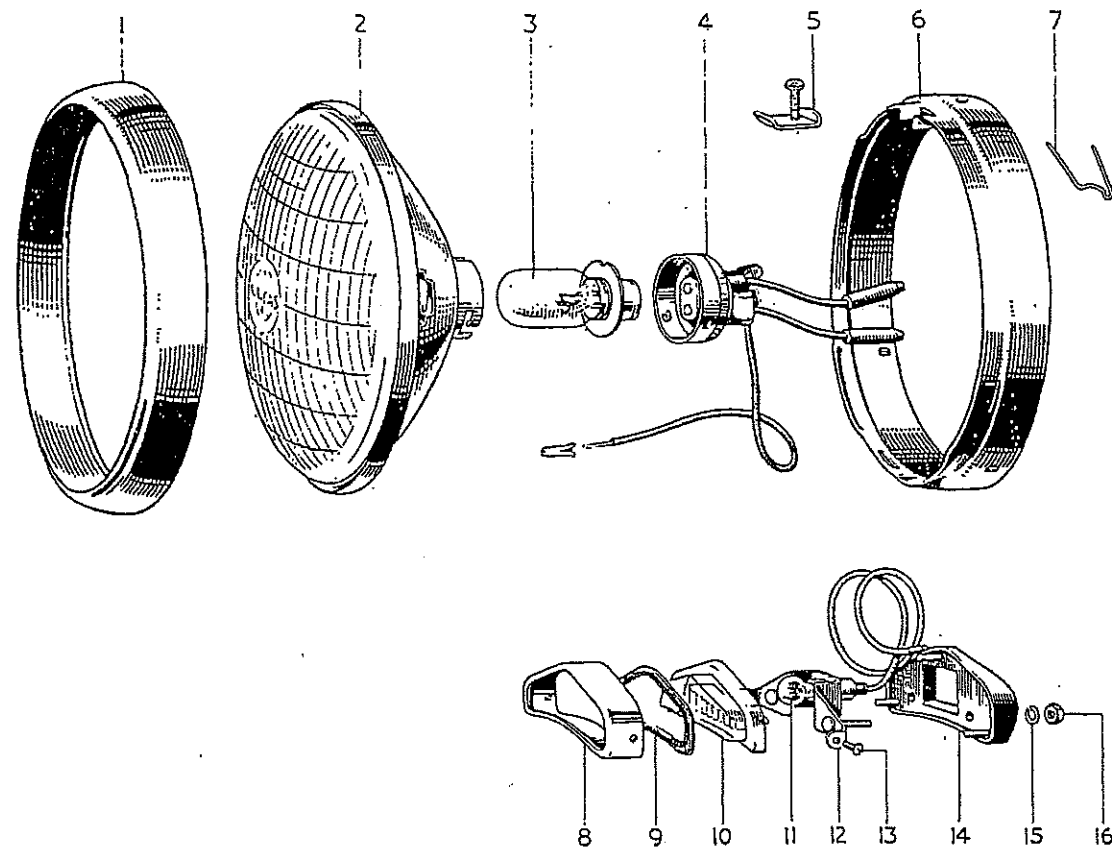
**CUT-OUT AND REGULATOR UNIT (MCR2-L)**

31	37097B	Regulator, complete ...	—	1	1	1	1
32	391454	Cover, cut out ...	—	1	1	1	1
33	391453	Clip, cover spring ...	—	1	1	1	1
34	DS57	Bolt unit rear stays ...	—	2	2	2	2
35	F879	Nut, for DS57 ...	—	2	2	2	2
36	E1612	Washer for F879 ...	—	2	2	2	2

**HEADLAMP NACELLE (TYPE MCF700)**

37	50943B	Headlamp assembly ...	1	1	—	1	1
38	553248	Rim, front ...	1	1	—	1	1
39	534296	Screw and plate, front rim fixing ...	1	1	—	1	1

APPLY TO LUCAS SERVICE DEPOTS FOR REPLACEMENT UNITS



HEAD AND PILOT LAMPS

INDEX

Illust. No.	Part No.	Page No.	Ref. No.	Illust. No.	Part No.	Page No.	Ref. No.
1	553248	127	38	9	516395	129	28
2	553925	129	1	10	516386	129	29
3	312	129	5	11	988	129	35
4	859598	129	3	12	553780	129	30
5	534296	127	39	13	136231	129	32
6	553267	129	2	14	516553	129	31
7	504665	129	4	15	185037	129	34
8	516556	129	27	16	166014	129	33

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	553925	Glass and reflector unit ...	1	1	—	1	1
2	553267	Ring, lamp fixing ...	1	1	—	1	1
3	859598	Adaptor, bulb ...	1	1	—	1	1
4	504665	Fixing wire, light unit ...	6	6	—	6	6
5	312	Bulb, pre-focused 30/24W.	1	1	—	1	1

HEADLAMP (TROPHY)

6	50791A	Headlamp assembly ...	—	—	1	—	—
7	509487	Rim, lamp ...	—	—	1	—	—
8	550875	Glass, lamp ...	—	—	1	—	—
9	553147	Reflector assembly ...	—	—	1	—	—
10	553065	Bead, rubber joint ...	—	—	1	—	—
11	500291	Wire, glass fixing ...	—	—	4	—	—
12	509936	Catch assembly, rim ...	—	—	1	—	—
13	504801	Holder, main bulb, c/w clip and screw	—	—	1	—	—
14	551807	Clip and Screw, bulb holder	—	—	1	—	—
15	552258	Screw, bulb holder clip	—	—	1	—	—
16	500181	Interior, pilot bulb	—	—	1	—	—
17	809793	Plug and Socket	—	—	1	—	—
18	364455	Ammeter ...	—	—	1	—	—
19	351551	Switch, light	—	—	1	—	—
20	308312	Panel, instrument ...	—	—	1	—	—
21	516183	Beading, ,, panel	—	—	1	—	—
22	523429	Screw, ,, ,,	—	—	4	—	—
23	188818	Nipple, cable fixing	—	—	1	—	—
24	200	Bulb, pilot 3w	—	—	1	—	—
25	169	Bulb, main 30—30w	—	—	1	—	—

PILOT LAMP (TYPE 517)

26	52184	Pilot lamp assembly ...	1	1	—	1	1
27	516556	Rim, lamp ...	1	1	—	1	1
28	516395	Bead, lamp rubber	1	1	—	1	1
29	516386	Lense, lamp glass	1	1	—	1	1
30	553780	Adaptor, lamp	1	1	—	1	1
31	516553	Gasket, lamp to nacelle	1	1	—	1	1
32	136231	Screw, rim to lamp body	2	2	—	2	2
33	166014	Nut, lamp body to nacelle	2	2	—	2	2
34	185037	Washer, lamp body to nacelle	2	2	—	2	2
35	988	Bulb, pilot ...	1	1	—	1	1

TAIL LAMP (STOP LIGHT PATTERN)

36	53269A	Stop and tail lamp combined	1	1	1	1	1
37	573819	Lens assembly	1	1	1	1	1
38	573814	Gasket, rubber	1	1	1	1	1
39	572702	Screw, lens fixing	2	2	2	2	2

APPLY TO LUCAS SERVICE DEPOTS FOR REPLACEMENT PARTS

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	860428	Interior ... ..	1	1	1	1	1
2	573825	Grommet ... ..	1	1	1	1	1
3	352	Bulb, 3-18w. ... ..	1	1	1	1	1
4	31281B	Switch, tail lamp stop ... ..	1	1	1	1	1
5	F3157	Bracket, tail lamp stop switch ... ..	1	1	1	1	1
6	H687	Screw, " " " " ... ..	2	2	2	2	2
7	GS299	Washer, " " " " ... ..	2	2	2	2	2
8	H745	Nut, " " " " ... ..	2	2	2	2	2
9	F3158	Spring, switch to brake rod ... ..	1	1	1	1	1
10	T988	Clip, spring " " " " ... ..	1	1	1	1	1
11	H687	Screw, clip " " " " ... ..	1	1	1	1	1
12	GS299	Washer, " " " " ... ..	1	1	1	1	1
13	H745	Nut, " " " " ... ..	1	1	1	1	1

**WIRING HARNESS**

14	997911/860613	Harness wiring (Home) ... ..	—	1	—	1	1
15	997911/860614	" " (Export) ... ..	—	1	—	1	1
16	835391	" " " " ... ..	1	—	—	—	—
17	860613	Lead, dipper switch (Home) ... ..	—	1	—	1	1
18	860614	" " " (Export) ... ..	—	1	—	1	1
19	861039	" " " (Home) ... ..	1	—	—	—	—
20	861040	" " " (Export) ... ..	1	—	—	—	—
21	414965	Grommet, H.T. Coil lead ... ..	1	—	—	—	—
22	236741	" L.T. " " ... ..	1	—	—	—	—
23	458658	" H.T. Plug " ... ..	1	—	—	—	—
24	994511	Harness assembly ... ..	—	—	1	—	—
25	990521	" dynamo to regulator ... ..	—	—	1	—	—
26	858020	" horn and cut-out button ... ..	—	—	1	—	—

**NACELLE INSTRUMENT PANEL**

27	351584A	Switch, Lighting ... ..	—	1	—	1	1
28	34087A	" " " " ... ..	1	—	—	—	—
29	318020	Knob, switch ... ..	1	—	—	—	—
30	351567	Lever and screw, switch ... ..	—	1	—	1	1
31	34091A	Switch box, ignition ... ..	1	—	—	—	—
32	344715F	Key, ignition ... ..	1	—	—	—	—
33	36129A	Ammeter ... ..	—	1	—	1	1
34	36168A	" " " " ... ..	1	—	—	—	—
35	31071A	Button, cut-out ... ..	—	1	—	1	1

**HANDLEBAR SWITCHES AND PUSH BUTTONS**

36	380056	Switch, dimmer ... ..	—	1	—	1	1
37	31221A	" " " " ... ..	—	—	1	—	—
38	31405A	" " " " ... ..	1	—	—	—	—
39	H689	Screw, switch to lever clamp ... ..	2	2	—	2	2
40	76200A	Button horn push ... ..	1	1	—	1	1
41	76204A	" " " and cut-out ... ..	—	—	2	—	—

ALWAYS QUOTE ENGINE NUMBER AND PREFIX

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>HORN</b>							
1	70048D	Horn complete ... ..	1	1	1	1	1
2	701851	Bracket, horn ... ..	4	4	—	4	4
3	F3035	" " (saddle stud fitting) ... ..	—	—	1	—	—
4	700920	" " angle ... ..	1	1	—	1	1
5	142689	Screw, " bracket ... ..	2	2	—	2	2
6	185051	Washer, " " ... ..	2	2	—	2	2
7	DS57	Bolt, " " to lug ... ..	2	2	—	2	2
8	S26-2	Washer " " " " ... ..	2	2	—	2	2
<b>BATTERY</b>							
9	PUW7E/4	Battery 6 volt (dry) ... ..	1	1	1	1	1
10	S2263/4	Plug, vent c/w washer ... ..	3	3	3	3	3
<b>MAGNETO</b>							
11	42111D	Magneto c/w A.T.D. ... ..	—	1	—	—	—
12	42264	Magneto, manual ... ..	—	—	1	1	1
13	458333	Armature assembly ... ..	—	1	1	1	1
14	455361	Slip ring ... ..	—	1	1	1	1
15	189291	Bearing, contact end ... ..	—	1	1	1	1
16	189244	Bearing, drive end ... ..	—	1	1	1	1
17	458339	Condenser assembly ... ..	—	1	1	1	1
18	458619	Cover, contact breaker ... ..	—	1	1	1	1
19	470534	Contact breaker assembly ... ..	—	1	1	1	1
20	122160	Screw, contact breaker fixing ... ..	—	1	1	1	1
21	470609	Contact set ... ..	—	1	1	1	1
22	470688	Spring set, actuating ... ..	—	1	1	1	1
23	470537	Brush and spring C.B. earth ... ..	—	1	1	1	1
24	127124	Screw C.B. end, countersunk head ... ..	—	1	1	1	1
25	185307	Washer, C.B. end ... ..	—	1	1	1	1
26	458355	" " " end plate shim ... ..	—	1	1	1	1
27	458356	" " " " " ... ..	—	1	1	1	1
28	458389	Cam assembly ... ..	—	1	—	—	—
29	458725	" " " " " ... ..	—	—	1	1	1
30	458633	End plate assembly ... ..	—	1	—	—	—
31	458726	" " " " " ... ..	—	—	1	1	1
32	451379	Cup, bearing insulating ... ..	—	2	2	2	2
33	455191	Brush, spring and holder (magneto end) ... ..	—	1	1	1	1
34	455190	Brush and spring ... ..	—	1	1	1	1
35	458370	Spring pin, pick up fixing ... ..	—	2	2	2	2
36	459002	Seal, rubber oil ... ..	—	1	1	1	1
37	458368	Pick up with brush and spring (LH) ... ..	—	1	1	1	1
38	458367	" " " " " (R/H) ... ..	—	1	1	1	1
39	451260	Brush and spring, pick up ... ..	—	2	2	2	2
40	47502A	Auto timing device ... ..	—	1	1	1	1
41	498157	Spring, A.T.D. ... ..	—	2	2	2	2
42	463107	Control parts set (manual) ... ..	—	—	1	1	1
43	454475	Cap, control (rubber) ... ..	—	—	1	1	1
44	#15116	Spanner and point gauge ... ..	—	1	1	1	1
45	E2415	Clip H.T. lead ... ..	—	1	1	1	1

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS

# LUCAS A/C LIGHTING AND IGNITION EQUIPMENT

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
<b>ALTERNATOR (RM 12)</b>							
1	047500	Alternator assembly ... ..	1	—	—	—	—
2	E2147	Screw, alternator stator to crankcase ...	5	—	—	—	—
3	465672	Washer, alternator locking ... ..	1	—	—	—	—
<b>RECTIFIER (CHR 1)</b>							
4	47097A	Rectifier ... ..	1	—	—	—	—
5	F3365	Bracket, front mounting ... ..	1	—	—	—	—
6	F3364	Bracket, rear mounting ... ..	1	—	—	—	—
7	DS57	Bolt, bracket to frame ... ..	3	—	—	—	—
8	E1612	Washer, bracket to frame bolt ... ..	3	—	—	—	—
9	F879	Nut, bracket to frame bolt ... ..	2	—	—	—	—
10	H687	Screw, rectifier to bracket ... ..	4	—	—	—	—
11	GS299	Washer, rectifier to bracket screw ...	4	—	—	—	—
12	H745	Nut, rectifier to bracket screw ... ..	4	—	—	—	—
<b>RESISTANCE UNIT (RU)</b>							
13	47106A	Resistance ... ..	1	—	—	—	—
<b>IGNITION COIL (Q6)</b>							
14	45016B	Ignition coil ... ..	1	—	—	—	—
15	408120	Nut, H.T. terminal ... ..	1	—	—	—	—
16	E3111	Bracket, coil mounting ... ..	1	—	—	—	—
17	DS57	Bolt, coil to bracket ... ..	2	—	—	—	—
18	F879	Nut, coil to bracket bolt... ..	2	—	—	—	—
19	E2312	Washer, coil to bracket bolt ... ..	2	—	—	—	—
<b>DISTRIBUTOR (DKX2A)</b>							
20	40352B	Distributor ... ..	1	—	—	—	—
21	406105	Plate assembly ... ..	1	—	—	—	—
22	400136	Cap, distributor ... ..	1	—	—	—	—
23	404435	Brush and spring ... ..	1	—	—	—	—
24	400052	Rotor arm ... ..	1	—	—	—	—
25	400308	Condenser ... ..	1	—	—	—	—
26	400415	Contact set... ..	1	—	—	—	—
27	415283	Cam... ..	1	—	—	—	—
28	416113/S	Springs auto advance set ... ..	1	—	—	—	—
29	415730	Weight assembly ... ..	1	—	—	—	—
30	420408	Shaft and action plate ... ..	1	—	—	—	—
31	420406	Bushing ... ..	1	—	—	—	—
32	400843	Sundry parts set ... ..	1	—	—	—	—
33	407131	Toggle ... ..	1	—	—	—	—
34	410591	Clip, cover retaining ... ..	1	—	—	—	—
35		Lubricator, Winkley ... ..	1	—	—	—	—

SEE SPECIMEN ORDER IN PREFACE

REF. No.	PART No.	DESCRIPTION	5T	6T	TR5	T100	T100c
1	E3122	Adaptor, distributor to crankcase	...	1	—	—	—
2	F1008	Nut, " " "	...	3	—	—	—
3	S25-3	Washer, " " "	...	1	—	—	—
4	PCE102F	Bolt, distributor clamp ... ..	...	1	—	—	—
5	E2312	Washer, " " ... ..	...	1	—	—	—

APPLY TO LUCAS SERVICE DEPOTS FOR REPLACEMENT UNITS

# GUARANTEE

WE give the following guarantee with our motor cycles, motor cycle combinations and sidecars including all accessories and component parts other than tyres, saddles, chains and lighting and electrical equipment, and other than accessories and component parts supplied to the order of the Purchaser and differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations and sidecars, but including accessories and parts supplied by way of exchange as hereinafter provided. This guarantee is given in place of any implied conditions or warranties or any liabilities whatsoever statutory or otherwise; no guarantee except that hereinafter contained and no conditions or warranty whatsoever statutory or otherwise is given or is to be implied, nor are we to be under any liability whatsoever except under the guarantee hereinafter contained. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding anything herein contained. In the case of machines (a) which have been used for "hiring out" purposes or (b) any motor cycle and/or sidecar used for any dirt tracks, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition) or (c) machines from which the trade mark, name or manufacturing number has been altered or removed or (d) any machines in which parts have been used not supplied by or approved by the motor cycle manufacturer, or (e) any machine from which the silencing system as fitted by the manufacturer has been partially or wholly removed or interfered with, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied nor are we to be under any liability whatsoever in respect of any such machine.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only in the U.K. and ninety days overseas from date of purchase, or date of exchange in case of any accessory or part supplied by way of exchange as hereinafter provided, and damages for which we make ourselves responsible under this guarantee are limited to the free repair of or supply of a new part or accessory in exchange for the part of the motor cycle, motor cycle combination or side car or accessory which may have proved defective. We undertake, subject to the conditions mentioned below, to make good in manner aforesaid any part or accessory covered by this guarantee which has proved defective within the said period of six months. We do not undertake to replace or refix, or bear the cost of replacing or refixing any such new part or accessory in the motor cycle, motor cycle combination or sidecar. As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts :—

1. The attaching of a sidecar to a motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
2. The use of a motor cycle or of a motor cycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
3. The attaching of a sidecar to a motor cycle by any form of attachment not provided, supplied, or approved by the manufacturers, or to a motor-cycle which is not designed for such use.

We do not guarantee tyres, saddles, chains or lighting and electrical equipment, or any accessories or component parts supplied to the order of the Purchaser differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations or sidecars. As regards all such tyres, saddles, chains, lighting and electrical equipment, accessories and component parts, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, and we are to be under no liability whatsoever in respect thereof.

## CONDITIONS OF GUARANTEE

If a defective part or accessory should be found in our motor cycles, motor cycle combinations or sidecars, or in any part or accessory supplied by way of exchange as before provided, it must be sent to us CARRIAGE PAID, and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee and he must also furnish us at the same time with the Engine number of the machine, the date of purchase or the date when the alleged defective part or accessory was exchanged as the case may be.

Failing compliance with the above, such articles will lie here at THE RISK OF THE OWNER, and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

## REPAIRS

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties statutory or otherwise and all liabilities whatsoever and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

## NOTICE

We do not appoint agents for the sale on our behalf of our motor cycles or other goods, but we assign to motor cycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation or incur any liability on our behalf. All goods are offered for sale subject to the price ruling at time of delivery. We reserve the right to modify or deviate from the published specification.

# ENGINE REVOLUTIONS PER MINUTE

GEAR RATIO		ENGINE REVOLUTIONS PER MINUTE																										
M.P.H.	4.4	4.57	4.78	5.0	5.24	5.5	5.7	5.8	6.0	6.25	6.5	6.9	7.06	7.14	7.5	8.0	8.85	9.8	10.6	11.58	12.2	13.9	14.3	15.25	16.0	17.8	18.85	
20	1144	1198	1244	1300	1364	1428	1480	1508	1560	1624	1688	1796	1836	1856	1948	2080	2300	2548	2756	3012	3172	3612	3720	3964	4160	4628	4900	
25	1430	1485	1555	1625	1705	1785	1850	1885	1950	2030	2110	2245	2295	2320	2435	2600	2875	3185	3445	3765	3965	4515	4650	4955	5200	5785	6125	
30	1716	1782	1866	1950	2046	2142	2220	2262	2340	2435	2532	2694	2754	2784	2922	3120	3450	3822	4134	4518	4758	5418	5551	5946	6240	6942	—	
35	2002	2079	2177	2275	2387	2499	2590	2639	2730	2842	2954	3143	3213	3248	3396	3640	4025	4459	4823	5271	5551	6321	6510	6937	—	—	—	
40	2288	2376	2488	2600	2728	2856	2960	3016	3120	3248	3376	3592	3672	3712	3896	4160	4600	5096	5512	6024	6344	—	—	—	—	—	—	—
45	2574	2673	2799	2925	3069	3213	3330	3393	3510	3554	3798	4041	4131	4176	4383	4680	5175	5733	6201	6777	7137	—	—	—	—	—	—	—
50	2860	2970	3110	3250	3410	3570	3700	3770	3900	4060	4220	4499	4590	4640	4870	5200	5750	6370	6890	—	—	—	—	—	—	—	—	—
55	3146	3267	3421	3575	3751	3927	4070	4147	4290	4466	4642	4939	5049	5104	5357	5720	6325	7007	—	—	—	—	—	—	—	—	—	—
60	3432	3564	3732	3900	4092	4284	4440	4524	4680	4872	5064	5388	5508	5568	5844	6240	6900	—	—	—	—	—	—	—	—	—	—	—
70	4004	4158	4354	4550	4774	4998	5180	5278	5460	5684	5908	6286	6426	6496	6752	7184	7344	—	—	—	—	—	—	—	—	—	—	—
80	4576	4752	4976	5200	5456	5712	5920	6032	6240	6496	6752	7184	7344	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90	5148	5346	5598	5850	6138	6426	6660	6786	7020	7308	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100	5720	5940	6220	6500	6820	7140	7400	7540	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
110	6292	6534	6842	7150	7502	7854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Engine R-P-M are calculated in conjunction with 3.50 X 19 Rear tyre equipment—780 R-P-Mile—and will deviate slightly from above figures for models not so equipped.  
 4.00 X 18 Rear Tyre 785 R-P-Mile.      3.25 X 19 Rear Tyre 793 R-P-Mile.      4.00 X 19 Rear Tyre 756 R-P-Mile.

# GEAR RATIOS

GEARS	STANDARD RATIO			WIDE RATIO			CLOSE RATIO					
	Top	3rd	2nd	1st	Top	3rd	2nd	1st	Top	3rd	2nd	1st
Engine Sprocket	6.46	7.7	10.94	15.8	6.46	9.22	14.30	18.85	6.46	7.06	8.42	11.00
17	6.10	7.28	10.32	14.9	6.10	8.70	13.50	17.80	6.10	6.66	7.95	10.40
18	5.80	6.9	9.8	14.15	5.80	8.25	12.80	16.85	5.80	6.32	7.54	9.84
19	5.50	6.55	9.3	13.4	5.50	7.84	12.18	16.0	5.50	6.00	7.15	9.35
20	5.24	6.24	8.85	12.8	5.24	7.46	11.58	15.25	5.24	5.72	6.81	8.90
21	5.00	5.95	8.45	12.2	5.00	7.13	11.05	14.55	5.00	5.45	6.50	8.50
22	4.78	5.69	8.09	11.69	4.78	6.82	10.60	13.90	4.78	5.23	6.23	8.12
23	4.57	5.45	7.75	11.2	4.57	6.54	10.14	13.35	4.57	5.00	5.96	7.78
24	4.40	5.24	7.45	10.75	4.40	6.26	9.73	12.80	4.40	4.80	5.73	7.46
25	1.0	1.19	1.69	2.44	1.00	1.425	2.21	2.915	1.00	1.09	1.30	1.695
Gearbox Reduction	1.0	1.19	1.69	2.44	1.00	1.425	2.21	2.915	1.00	1.09	1.30	1.695