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REPLACEMENT PARTS

FOR



MOTOR CYCLES

1949 MODELS

3T. DE LUXE
SPEED TWIN
TIGER 100

TRIUMPH ENGINEERING COMPANY LTD.
MERIDEN WORKS, ALLESLEY
COVENTRY.

Telegrams (for Spares)
"Trusty, Coventry"

Telephone
Meriden 331

PREFACE

BEFORE 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

12/2/49

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

Engine No. 5T-9926121

Please supply :—

1 - CP.29/5 - Piston Assy. + .005"
1 - EI480 - 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.

Accessories not of our manufacture should be sent direct to the actual makers, whose names appear on the goods in question. In the event of any doubt in this direction, we shall be pleased to supply the necessary information by return of post. 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.

WHERE TO OBTAIN. Triumph Spare Parts may be obtained from any Triumph Dealer in Great Britain and Northern Ireland and we recommend our customers to place their orders with the Triumph Dealer in their district. When parts not usually asked for are required, and for which the Dealer may have to 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

THE 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 5% 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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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 page where it will be found that the exploded view of the 5T engine is on page 16.
 2. Note that the number of the scraper ring on the illustration is 2.
 3. Refer to the index for the illustration in question on page 17.
 4. Note that No. 2 is part number GE.29, listed on page 17. Reference line No. 1.

CARTON PACK COMPONENT LIST.

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

Part Number	Description and Contents		
Brake Lining			
CP.38	2	NW.243	Lining, brake
	16	W.129	Rivet
CP.66	2	W.631	Lining, brake
	16	W.129	Rivets
Crankcase Bearing			
CP.87	1	E.1591	Bearing, Ball
	1	*E.2377	Bearing, Roller
Fork (Telescopic) Service Pack			
CP.50	2	H.443	Bearing, lower
	2	H.441	Bearing, upper
	2	E.1335	Washer, copper
	2	H.430	Washer, drain plug
	2	H.452	Restrictor, oil
	2	H.453	Cup, oil restrictor
	2	H.454	Pin, restrictor cup
	2	H.391	Washer, dust excluder felt
	2	H.420	Washer, outer cover felt
Gears, Wide Ratio			
CP.48	1	T.465	Gear, mainshaft high
	1	T.466	Gear, mainshaft second
	1	T.467	Gear, layshaft high
	1	T.468	Gear, layshaft second
Gears, Close Ratio			
CP.51	1	T.513C	Gear, mainshaft high
	1	T.509C	Gear, mainshaft second
	1	T.511C	Gear, mainshaft third
	1	T.515C	Gear, mainshaft and low
	1	T.512C	Gear, layshaft high
	1	T.514C	Gear, layshaft second
	1	T.508C	Gear, layshaft third
	1	T.510C	Gear, layshaft low

*See Note on Page 21

SEE SPECIMEN ORDER IN PREFACE

Part
Number

Description and Contents

Kickstarter Ratchet Gear

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

Piston

CP.29	1	E.1563	Piston
	2	E.656	Ring, compression
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.29/5	1	E.1563/5	Piston +.005 in.
	2	E.656/5	Ring, compression
	1	GE.29/5	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.29/10	1	E.1563/10	Piston +.010 inch
	2	E.656/10	Ring, compression
	1	GE.29/10	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.29/20	1	E.1563/20	Piston +.020 inch
	2	E.656/20	Ring, compression
	1	GE.29/20	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.30	1	E.1908	Piston
	2	E.656	Ring, compression
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.30/5	1	E.1908/5	Piston +.005 inch
	2	E.656/5	Ring, compression
	1	GE.29/5	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.30/10	1	E.1908/10	Piston +.010 inch
	2	E.656/10	Ring, compression
	1	GE.29/10	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip

TREASURY NOTES MUST BE REGISTERED

<i>Part Number</i>			<i>Description and Contents</i>
CP.30/20	1	E.1908/20	Piston +.020 inch
	2	E.656/20	Ring, compression
	1	GE.29/20	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip
CP.49	1	E.1748	Piston
	2	E.1766	Ring, compression
	1	E.1819	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.49/5	1	E.1748/5	Piston
	2	E.1766/5	Ring, compression
	1	E.1819/5	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.49/10	1	E.1748/10	Piston +.010 inch
	2	E.1766/10	Ring, compression
	1	E.1819/10	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.49/20	1	E.1748/20	Piston +.020 inch
	2	E.1766/20	Ring, compression
	1	E.1819/20	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.43	1	E.1841	Piston
	2	E.1766	Ring, compression
	1	E.1819	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.43/5	1	E.1841/5	Piston +.005 inch
	2	E.1766/5	Ring, compression
	1	E.1819/5	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.43/10	1	E.1841/10	Piston +.010 inch
	2	E.1766/10	Ring, compression
	1	E.1819/10	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip
CP.43/20	1	E.1841/20	Piston +.020 inch
	2	E.1766/20	Ring, compression
	1	E.1819/20	Ring, scraper
	1	E.1750	Pin, gudgeon
	2	E.1767	Circlip

CP.61 †	1	E.2460	Piston
	2	E.656	Ring, compression
	1	GE.29	Ring, scraper
	1	WE.203E	Pin, gudgeon
	2	WE.479	Circlip

Piston Rings

CP.40	4	E.656	Ring, compression
	2	GE.29	Ring, scraper
CP.40/5	4	E.656/5	Ring, compression
	2	GE.29/5	Ring, scraper
CP.40/10	4	E.656/10	Ring, compression
	2	GE.29/5	Ring, scraper
CP.40/20	4	E.656/20	Ring, compression
	2	GE.29/5	Ring, scraper
CP.41	2	E.656	Ring, compression
	1	GE.29	Ring, scraper
CP.41/20	2	E.656/20	Ring, compression
	1	GE.29/20	Ring, scraper
CP.55	4	E.1766	Ring, compression
	2	E.1819	Ring, scraper
CP.55/5	4	E.1766/5	Ring, compression
	2	E.1819/5	Ring, scraper
CP.55/10	4	E.1766/10	Ring, compression
	2	E.1819/10	Ring, scraper
CP.55/20	4	E.1766/20	Ring, compression
	2	E.1819/20	Ring, scraper

Rear Wheel Spring Set

CP.67	1	W837	Spring, inner main
	1	W836	Spring, outer main
	1	W838	Spring, rebound
	1	W664	Locator plate

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	SI-5	Nut
	2	KF.365	Washer, spring
	1	F.1747	Nut

†(Special for racing—8.25: 1 compression ratio, not available oversize)

QUOTE ENGINE NUMBER AND PREFIX LETTERS

Steering Races

CP.56	2	XS.10	Cup
	1	H.433	Cone
	1	XS.8	Cone
	44	S70-4	Ball

CP.57	1	H.437	Cup
	1	H.111	Cup
	1	H.438	Cone
	1	H.439	Cone
	22	S70-4	Ball
	20	S70-3	Ball

Valves

CP.6	2	E.1955	Valve Inlet
	2	E.1956	Valve Exhaust

CP.53	2	E.1751	Valve Inlet
	2	E.1752	Valve Exhaust

Valve Guides

CP.28	2	E.1480	Guide Inlet
	2	E.1604	Guide Exhaust

CP.54	4	E.1759	Guide Inlet and Exhaust
-------	---	--------	-------------------------

Valve Springs

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

CP.52	4	E.1777	Spring, inner
	4	E.1778	Spring, outer

SEE SPECIMEN ORDER IN PREFACE

REPLACEMENT PARTS

R

ENGINE GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
CYLINDER BLOCK					
1	E2257	Block, cylinder	—	1	1
2	E2461	" " " "	1	—	—
3	E2249	Washer, cylinder base	—	1	1
4	E2677	" " " " " "	1	—	—
CYLINDER HEAD					
5	E2258	Head, cylinder with guides	—	1	—
6	E2258A	" " " " " "	—	—	1
7	E2645	" " " " " "	1	—	—
8	E2248	Gasket, cylinder head	—	1	1
9	E2614	" " " " " "	1	—	—
10	E327	Bolt " " short	—	4	4
11	E1484*	" " " long	—	4	4
12	E1795	" " " long	4	—	—
13	E2631	" " " front	2	—	—
14	E2632	" " " rear	2	—	—
15	GS308†	Washer, cylinder head bolt	8	2	2
16	E1675	Manifold, inlet	—	—	1
17	E1456	" " " " " "	—	1	—
18	E1552	" joint washer	—	2	—
19	E1676	" " " " " "	—	—	2
20	E1715	Stud, inlet manifold fixing	—	—	4
21	E1554	" " " " " "	—	4	—
22	W103	Nut, inlet manifold stud	—	4	4
23	S25-13	Washer, inlet manifold stud	—	4	4
24	E1553	Stud, carburettor fixing	—	2	2
25	E1396	" " " " " "	2	—	—
26	SI-51	Nut, carburettor stud	2	2	2
27	S25-3	Washer, carburettor stud	2	2	2
28	E1987	Stud, rocker cap inspection	2	—	—
29	E1912	Nut, " " stud	2	—	—
VALVES					
30	E1955	Valve, inlet	—	2	2
31	E1751	" " " " " "	2	—	—
32	E1956	" exhaust	—	2	2

*When twin torque stays are fitted reduce quantity to 2 off and add 2 off E1596 bolt, front.

†For 5T and T100 increase quantity to 4 off for above condition.

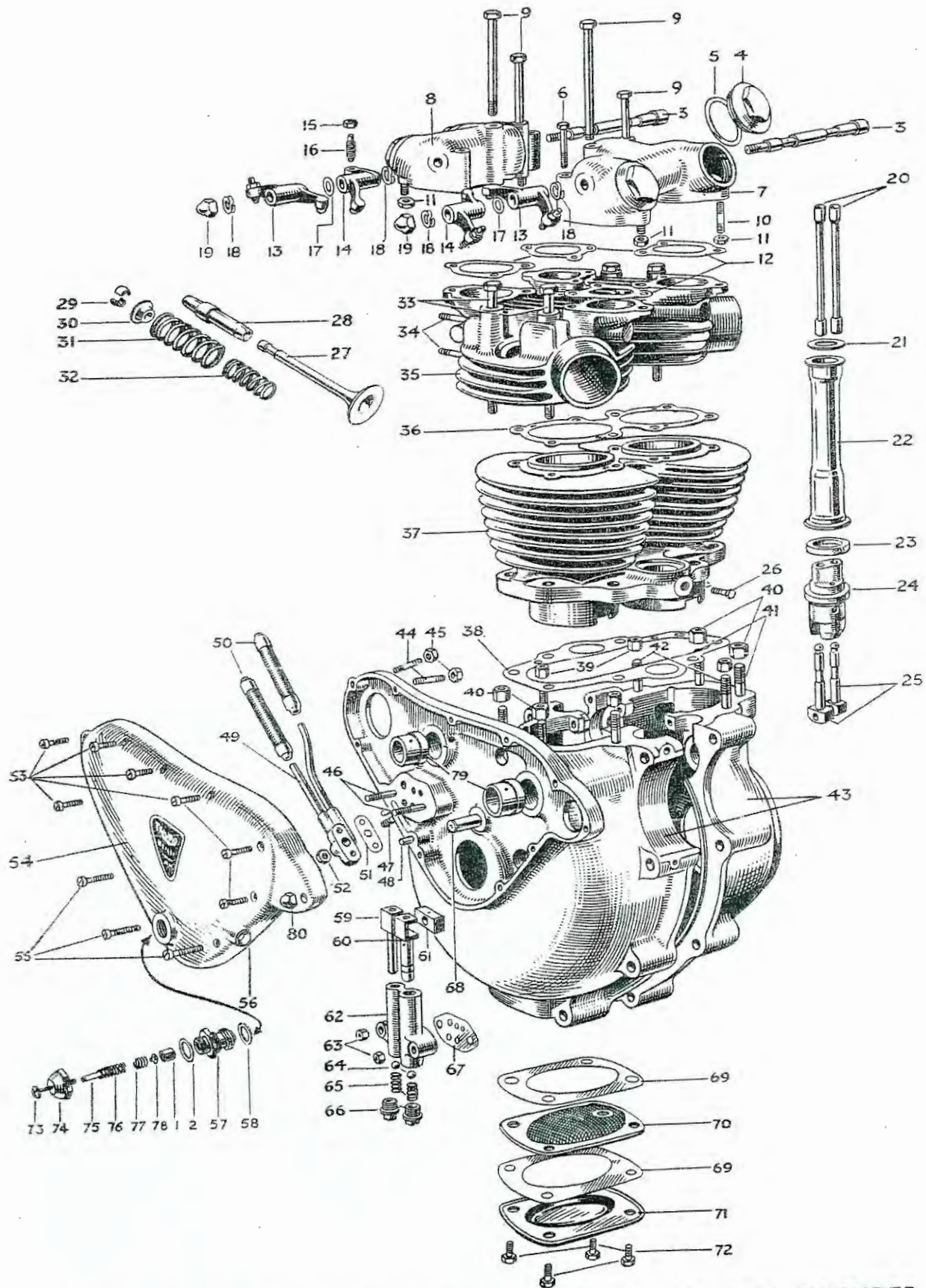
ALL GOODS SENT TO THE WORKS MUST BE CARRIAGE PAID

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	E1752	Valve exhaust	2	—	—
2	E1480	Guide, inlet valve	—	2	2
3	E1604	„ exhaust valve	—	2	2
4	E1759	„ valve, inlet and exhaust	4	—	—
5	E1488	Spring, valve inner	—	4	4
6	E1777	„ „ „	4	—	—
7	E1487	„ „ outer	—	4	4
8	E1778	„ „ „	4	—	—
9	E1543	Collar, valve spring (top)	—	4	4
10	E1757	„ „ „ „	4	—	—
11	E1544	Cup, „ „ (bottom)	—	4	4
12	E1758	„ „ „ „	4	—	—
13	WE259A	Cotter, valve split	8	8	8

PISTONS

14	E1563	Piston body, standard Compression ratio 7 : 1	—	2	—
15	E1563/5	„ „ $\pm .005''$ „ „ „	—	2	—
16	E1563/10	„ „ $\pm .010''$ „ „ „	—	2	—
17	E1563/20	„ „ $\pm .020''$ „ „ „	—	2	—
18	E1908	„ „ standard „ „ 7.8 : 1	—	—	2
19	E1908/5	„ „ $\pm .005''$ „ „ „	—	—	2
20	E1908/10	„ „ $\pm .010''$ „ „ „	—	—	2
21	E1908/20	„ „ $\pm .020''$ „ „ „	—	—	2
22	E2460	„ „ standard „ „ 8.25 : 1	—	—	2
23	E1748	„ „ „ „ „ 6.3 : 1	2	—	—
24	E1748/5	„ „ $\pm .005''$ „ „ „	2	—	—
25	E1748/10	„ „ $\pm .010''$ „ „ „	2	—	—
26	E1748/20	„ „ $\pm .020''$ „ „ „	2	—	—
27	E1841	„ „ standard „ „ 7 : 1	2	—	—
28	E1841/5	„ „ $\pm .005''$ „ „ „	2	—	—
29	E1841/10	„ „ $\pm .010''$ „ „ „	2	—	—
30	E1841/20	„ „ $\pm .020''$ „ „ „	2	—	—
31	E656	Ring piston compression	—	4	4
32	E656/5	„ „ „ $\pm .005''$	—	4	4
33	E656/10	„ „ „ $\pm .010''$	—	4	4
34	E656/20	„ „ „ $\pm .020''$	—	4	4
35	E1766	„ „ „ „ „ „	4	—	—
36	E1766/5	„ „ „ $\pm .005''$ „ „ „	4	—	—
37	E1766/10	„ „ „ $\pm .010''$ „ „ „	4	—	—
38	E1766/20	„ „ „ $\pm .020''$ „ „ „	4	—	—

SEE PAGES 7-11 FOR CARTON PACKS



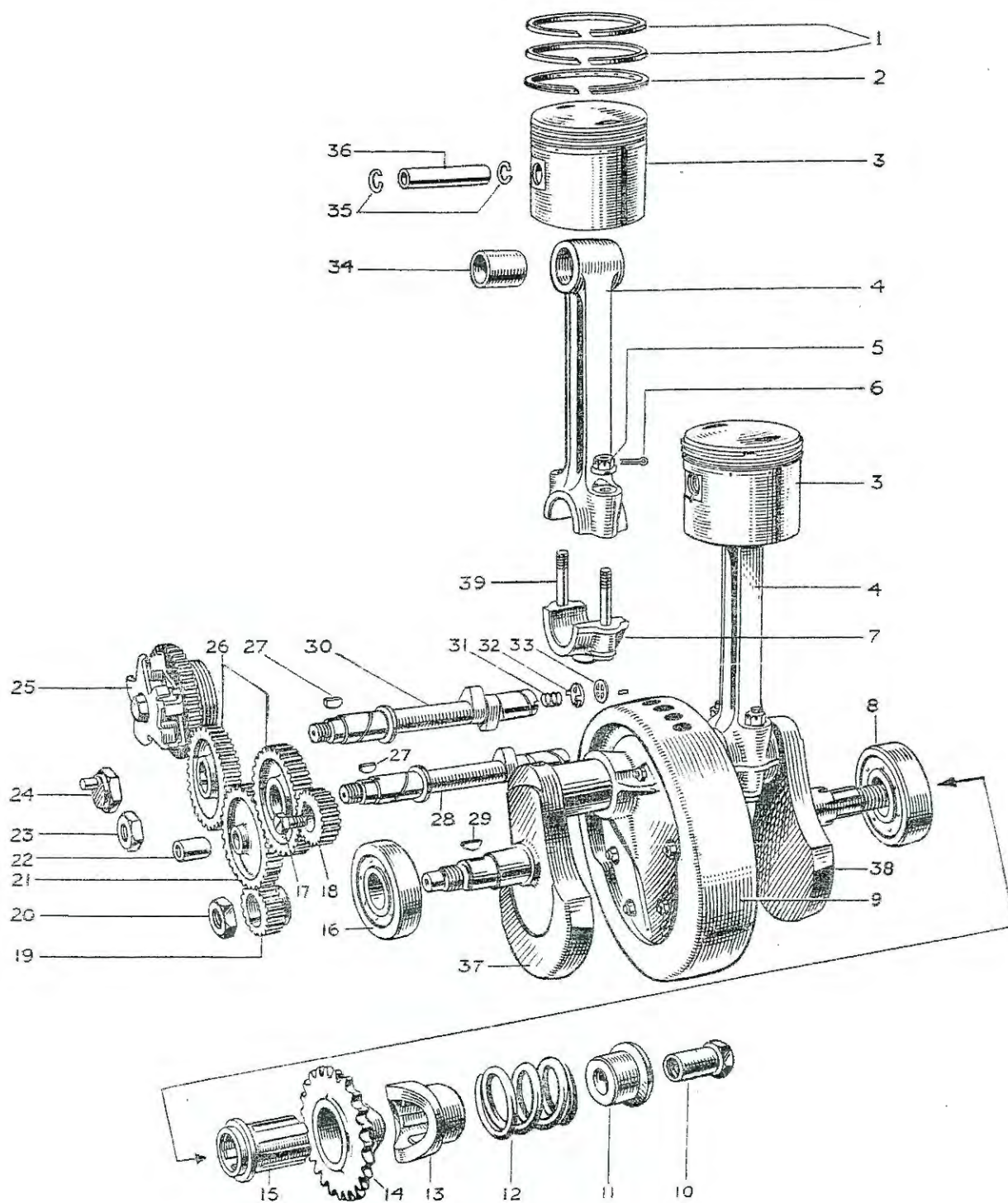
ENGINE 5T AND T100—CRANKCASE, CYLINDER BLOCK AND CYLINDER HEAD, ETC.

INDEX TO ILLUSTRATION ON PAGE 14

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	GS.251	22	3	39	W.76	20	21
2	GS.254	22	6	40	PO.172A	20	22
3	E.1512	25	20	41	E.672	20	17
4	E.1564	24	43	42	E.1614	20	18
5	E.1577	25	3	43	E.2219/20A	20	15
6	E.1545	25	7	44	E.2022	20	25
7	E.1462	24	38	45	F.1008	20	26
8	E.1461	24	36	46	E.1536	20	35
9	E.1484*	12	11	47	E.1539	20	28
10	E.1540	24	41	48	E.1535	20	30
11	F.879	24	42	49	E.1526	62	36
12	E.1650	24	40	50	MF.119	62	41
13	E.1458	25	12	51	E.1529	62	38
14	E.1457	25	10	52	SI-51	62	31
15	E.470	25	15	53	E.427	23	12
16	E.1513	25	14	54	E.2218	23	2
17	E.1575	25	17	55	E.1049	23	10
18	E.1574	25	18	56	E.2615	23	4
19	E.1435	25	21	57	E.2794	22	2
20	E.1693	24	29	58	E.1670	22	5
21	E.1497	24	35	59	E.1475	21	28
22	E.2273	24	31	60	E.1476	21	29
23	E.1496	24	33	61	E.495	21	30
24	E.1477	24	24	62	E.1470	21	27
25	E.1478	24	23	63	F.879	20	36
26	H.200	24	26	64	S.70-7	21	32
27	E.1955 (IN)	12	30	65	E.403	21	31
	E.1956 (EX)	12	32	66	E.386	21	33
28	E.1480 (IN)	13	2	67	E.1537	21	34
	E.1604 (EX)	13	3	68	E.375	24	16
29	WE.259A	13	13	69	E.487	20	40
30	E.1543	13	9	70	E.529	20	38
31	E.1487	13	7	71	E.486	20	39
32	E.1488	13	5	72	MT.63	20	41
33	E.327	12	10	73	E.2791	22	8
34	E.1715	12	20	74	E.2790	22	4
	E.1554	12	21	75	E.2793	22	9
35	E.2258	12	5	76	E.2788	22	7
	E.2258A	12	6	77	E.2789	22	10
36	E.2248	12	8	78	E.2792	22	11
37	E.2257	12	1	79	E.1479	21	16
38	E.2249	12	3	80	E.2228	78	23

*See instructions on page 12.

FOR IDENTIFICATION OF PART SEE PAGE 6 FOR INSTRUCTIONS



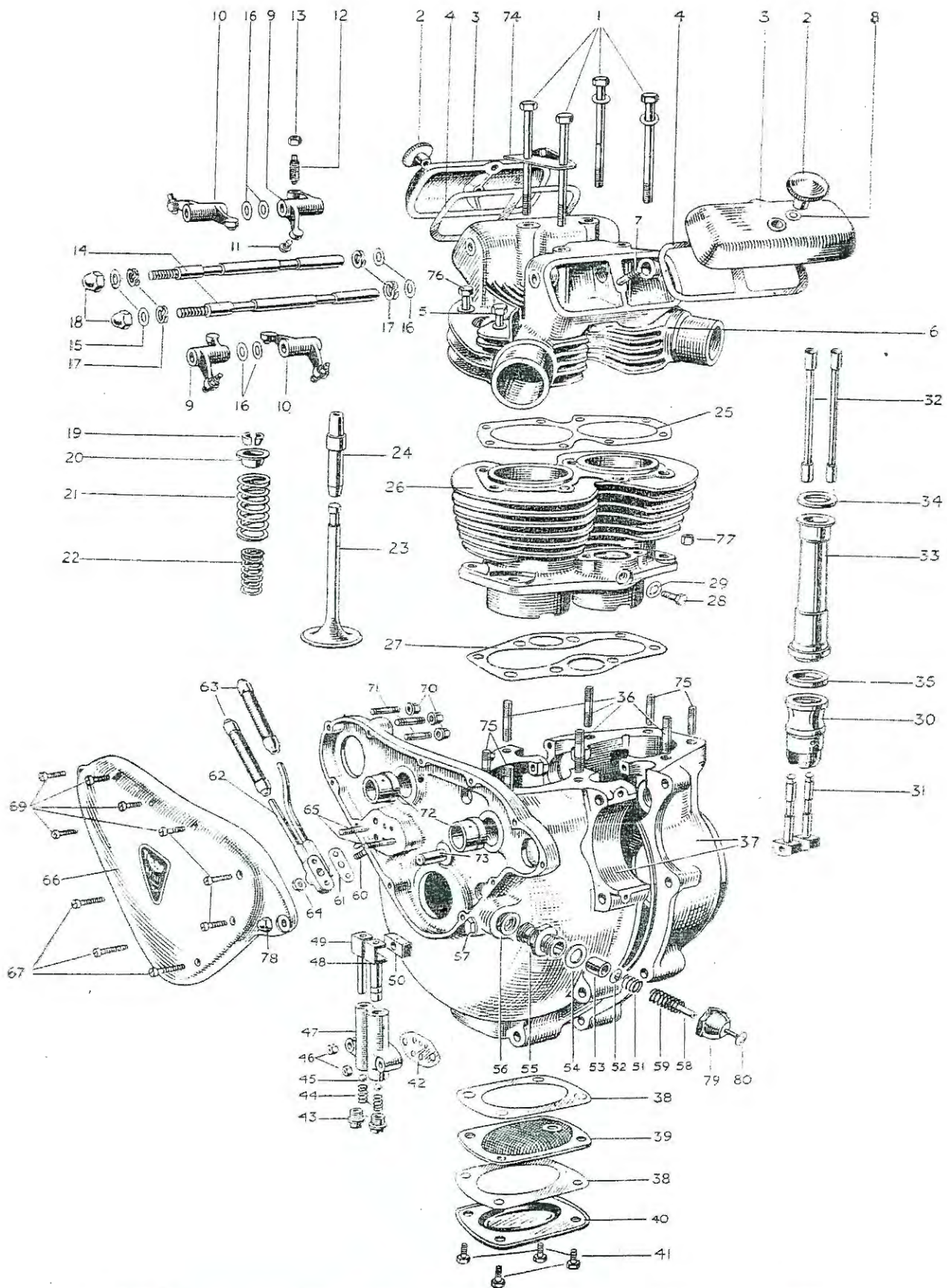
ENGINE 5T AND T100—CRANKSHAFT, CONNECTING RODS, PISTONS, TIMING GEARS, ETC.

REF. No.	PART No	DESCRIPTION	3T	5T	T100
1	GE29	Ring piston scraper	—	2	2
2	GE29/5	" " " +.005"	—	2	2
3	GE29/10	" " " +.010"	—	2	2
4	GE29/20	" " " +.020"	—	2	2
5	E1819	" " "	2	—	—
6	E1819/5	" " " +.005"	2	—	—
7	E1819/10	" " " +.010"	2	—	—
8	E1819/20	" " " +.020"	2	—	—
9	WE203E	Pin, gudgeon	—	2	2
10	E1750	" "	2	—	—
11	E1767	Circlip, gudgeon pin retaining	4	—	—
12	WE479	" " " "	—	4	4

INDEX TO ILLUSTRATION ON PAGE 16

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	E.656	13	31	20	E.398	24	4
2	GE.29	17	1	21	E.1471	24	14
3	E.1563	13	14	22	E.400	24	15
	E.1908	13	18	23	E.1492	24	11
4	E.1489	21	2	24	E.1463	24	12
5	E.1530	21	7	25	E.1992	24	17
6	$\frac{1}{16}$ " split pin	21	9	26	E.1486	24	9
7	Sold with E.1489 only.			27	E.1558	24	10
8	E.1591	21	13	28	E.1485	24	8
9	E.1510A	20	3	29	E.1580	24	3
10	E.509	25	41	30	E.2302	24	6
11	E.396	25	40	31	E.2256	24	22
12	E.395	25	39	32	E.2254	24	20
13	E.1681	25	36	33	GS.87	24	21
14	E.2826C	25	29	34	E.1511	21	4
15	E.1521	25	37	35	WE.479	17	12
16	E.2877	21	10	36	WE.203E	17	9
17	111700	78	21	37	E.1459	20	5
18	E.2451	78	20	38	E.1460	20	7
19	E.1472	24	2	39	E.2448	21	6

SEE PAGE 7 FOR CARTON PACKS



ENGINE 3T—CRANKCASE, CYLINDER BLOCK AND CYLINDER HEAD, ETC.

INDEX TO ILLUSTRATION ON PAGE 18

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	E.1795	12	12	39	E.529	20	38
2	E.1912	25	5	40	E.486	20	39
3	E.1779	25	1	41	MT.63	20	41
4	E.1780	25	4	42	E.1537	21	34
5	E.2631	12	13	43	E.386	21	33
6	E.2645	12	7	44	E.403	21	31
7	E.1987	12	28	45	S.70-7	21	32
8	PT.104B	25	6	46	F.879	20	36
9	E.1755	25	9	47	E.1470	21	27
10	E.1756	25	11	48	E.1476	21	29
11	E.1483	25	13	49	E.1475	21	28
12	E.1513	25	14	50	E.495	21	30
13	E.470	25	15	51	E.2789	22	10
14	E.1813	25	19	52	E.2792	22	11
15	E.1330	25	16	53	GS.251	22	3
16	E.1575	25	17	54	GS.254	22	6
17	E.1574	25	18	55	E.2794	22	2
18	E.1435	25	21	56	E.1670	22	5
19	WE.259A	13	13	57	E.2615	20	43
20	E.1757	13	10	58	E.2793	22	9
21	E.1778	13	8	59	E.2788	22	7
22	E.1777	13	6	60	E.1539	20	28
23	E.1751 (IN)	12	31	61	E.1529	62	38
	E.1752 (EX)	13	1	62	E.2457	62	37
24	E.1759	13	4	63	MF.119	62	41
25	E.2614	12	9	64	SI-51	62	39
26	E.2461	12	2	65	E.1536	20	35
27	E.2677	12	4	66	E.2252	23	1
28	H.200	24	26	67	E.1049	23	10
29	E.2312	24	27	69	E.427	23	12
30	E.1837	24	25	70	F.1008	20	26
31	E.1478	24	23	71	E.2022	20	25
32	E.1785	24	28	72	E.1479	21	16
33	E.1838	24	30	73	E.375	24	16
34	E.1497	24	35	74	F.2380	35	23
35	E.2425	24	34	75	E.2463	20	20
36	E.2462	20	19	76	E.2632	12	14
37	E.2250/51A	20	16	77	WV.76	20	21
38	E.487	20	40	79	E.2228	78	23
				80			

FOR IDENTIFICATION OF PART SEE PAGE 6 FOR INSTRUCTIONS

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
CRANKSHAFT AND FLYWHEEL ASSY.					
1	E1460A	Crankshaft and flywheel assembly	—	1	1
2	E2200A	" " " " c/w connecting rods	1	—	—
3	E1510A	Flywheel	—	1	1
4	E1745	" " " " " " " " " " " "	1	—	—
5	E1459	Crankshaft, timing side	—	1	1
6	E1747	" " " " " " " " " " " "	1	—	—
7	E1460	" driving side	—	1	1
8	E2200	" " " " " " " " " " " "	1	—	—
9	E1790	Tube, crankshaft	1	—	—
10	E393	Plug, crankshaft	—	1	1
11	E1562	Bolt, crankshaft to flywheel	—	6	6
12	E1760	" " " " " " " " " " " "	2	—	—
13	W103	Nut, crankshaft to flywheel bolt	—	6	6
14	E1797	" " " " " " " " " " " "	2	—	—

CRANKCASE					
15	E2219/20A	Crankcase assembly, less main bearings	—	1	1
16	E2250/51A	" " " " " " " " " " " "	1	—	—
17	E672	Stud, crankcase cylinder base	—	6	6
18	E1614	" " " " " " dowel	—	2	2
19	E2462	" " " " " " long	4	—	—
20	E2463	" " " " " " short	4	—	—
21	W.76	Nut, crankcase cylinder base stud	8	4	4
22	PO172A	" " " " " " " " " " " "	—	4	4
23	E1534A	Dowel, cylinder base (hollow for stud E1614)	—	2	2
24	E1579	Dowel, crankcase halves (hollow)	1	1	1
25	E2022	Stud, magneto fixing	3	3	3
26	F1008	Nut, " " " " " " " " " " " "	3	3	3
27	S25-3	Washer, magneto fixing stud	3	3	3
28	E1539	Stud, oil junction block	1	1	1
29	E1532	Dowel, oil junction block (hollow)	1	1	1
30	E1535	Dowel, crankcase to timing cover (hollow)	—	1	1
31	E1508	Pipe, crankcase oil return	—	1	1
32	E1770	" " " " " " " " " " " "	1	—	—
33	E1509	Clip, crankcase oil return pipe	1	1	1
34	E1645	Screw, crankcase oil return pipe clip	1	1	1
35	E1536	Stud, oil pump	2	2	2
36	F879	Nut, oil pump stud	2	2	2
37	E2312	Washer, oil pump stud	2	2	2
38	E529	Filter, crankcase oil	1	1	1
39	E486	Cover, crankcase oil filter	1	1	1
40	E487	Washer, crankcase oil filter joint	2	2	2
41	MT63	Screw, " " " " " " " " " " " "	4	4	4
42	S26-2	Washer spring, crankcase oil filter	4	4	4
43	E2615	Plug, crankcase oil	1	—	—
44	E1335	Washer, " " plug	1	—	—
45	E2311	Pin, breather locating	1	1	1

CRANKCASE HALVES CANNOT BE SUPPLIED SEPARATELY

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
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CONNECTING RODS

1	E1489T	Rod, connecting complete	—	—	2
2	E1489	" " " " " "	—	2	—
3	E1749	" " " " " "	2	—	—
4	E1511	Bush, conn rod small end	—	2	2
5	E1762	" " " " " "	...	...	...	2	—	—
6	E2448	Bolt, conn rod end cap	...	...	...	—	4	4
7	E1530	Nut, " " " " " bolt	...	...	...	—	4	4
8	E1719	Washer, conn rod end cap bolt	...	...	...	—	4	4
9		Pin, split for E1530 nut $\frac{1}{16}'' \times \frac{3}{4}''$	...	...	...	—	2	2

CRANKCASE BEARINGS

10	*E2877	Bearing, c/c timing side (roller)	...	...	...	—	1	1
11	E1769	" " " " " (plain)	...	...	...	1	—	—
12	E1592	" " " " " driving side (ball)	...	...	...	1	—	—
13	E1591	" " " " " " " "	...	...	...	—	1	1
14	E2296	Disc, timing side bearing...	...	...	...	—	1	1
15	E489	Ring, retaining t/s bearing	...	...	...	—	1	1
16	E1479	Bush, camshaft timing side	...	...	...	2	2	2
17	E1516	" " " " " drive	...	...	...	1	1	1
18	E2260	" " " " " (breather)	...	...	...	1	1	1

CRANKCASE STUDS AND BOLTS

19	E1555	Screw, crankcase top rear	...	...	...	1	1	1
20	S25-3	Washer, " " " " " screw	...	...	...	1	1	1
21	E925	Stud, crankcase bottom front	...	...	...	1	—	—
22	T456	" " " " " " " "	...	...	...	—	1	1
23	S1-51	Nut, " " " " " stud	...	...	...	2	2	2
24	S25-3	Washer, " " " " " " "	...	...	...	2	2	2
25	E1647	Screw, " " " " " inside boss	...	...	...	2	2	2

FOR ENGINE PLATE STUDS SEE PAGE 28

OIL PUMP

26	E2140	Pump, oil—complete	...	...	...	1	1	1
27	E1470	Body, oil pump	...	...	...	1	1	1
28	E1475	Plunger, oil pump feed	...	...	...	1	1	1
29	E1476	" " " " " scavenge	...	...	...	1	1	1
30	E495	Slider block, oil pump driving	...	...	...	1	1	1
31	E403	Spring, oil pump valve	...	...	...	2	2	2
32	S70-7	Ball " " " " " "	...	...	...	2	2	2
33	E386	Plug, " " " " " " "	...	...	...	2	2	2
34	E1537	Washer, oil pump joint	...	...	...	1	1	1

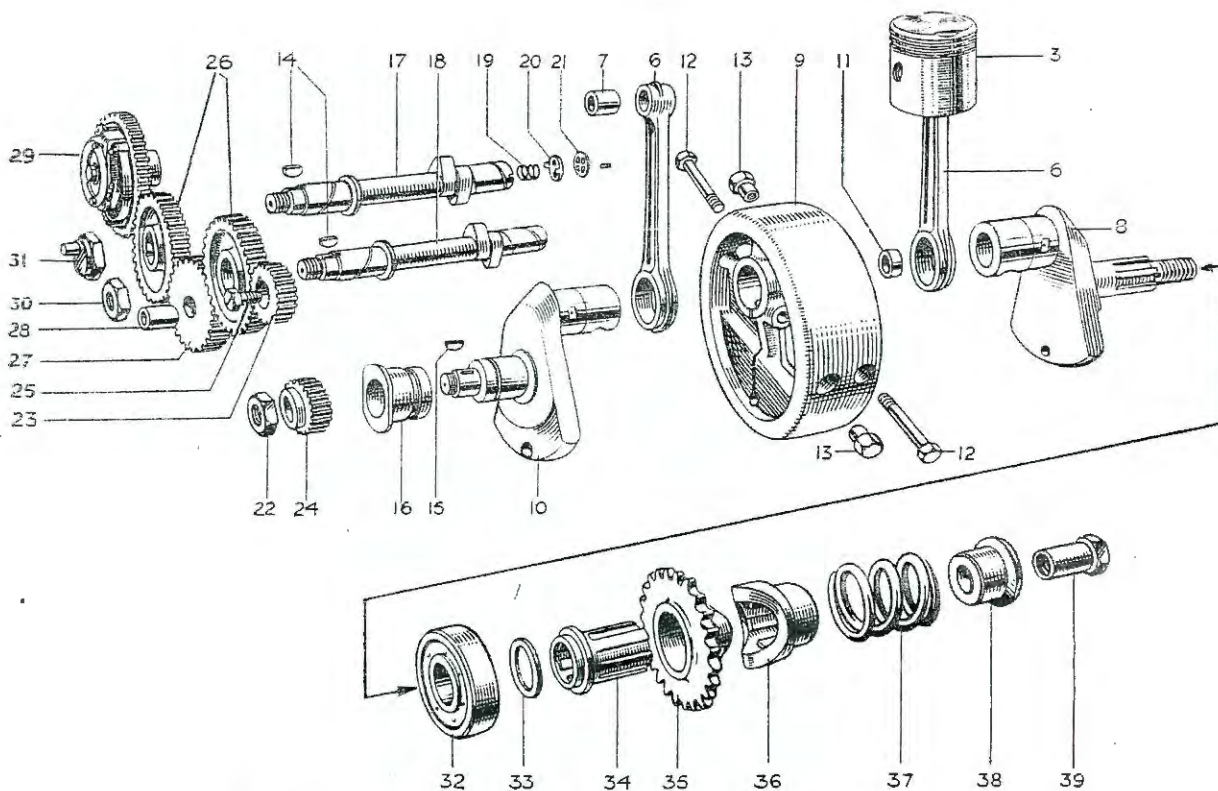
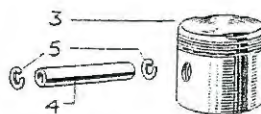
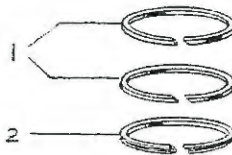
* Replacing and interchangeable with ball bearing Part No. E1592

On later models a chip shield is fitted between the timing side bearing and crankcase, the Part Number being E2883.

SEE SPECIMEN ORDER IN PREFACE

RELEASE VALVE

1	E2795	Valve, release and oil indicator ...	...	...	...	1	1	1
2	E2794	Body, " Valve ...	...	...	...	1	1	1
3	GS251	Piston, " " ...	...	...	...	1	1	1
4	E2790	Cap, " " ...	...	...	...	1	1	1
5	E1670	Washer, " " Body ...	...	...	...	1	1	1
6	GS254	Washer, " " Cap ...	...	...	...	1	1	1
7	E2788	Spring, " " ...	...	...	...	1	1	1
8	E2791	Shaft, Indicator Button ...	...	...	...	1	1	1
9	E2793	Tube, " Rubber ...	...	...	...	1	1	1
10	E2789	Spring, " Auxiliary ...	...	...	...	1	1	1
11	E2792	Nut, " Shaft ...	...	...	...	1	1	1



ENGINE 3T—CRANKSHAFT, CONNECTING RODS, PISTONS,
TIMING GEARS, ETC.

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
TIMING COVER					
1	E2252	Cover, timing gear	1	—	—
2	E2218	" " " " " " " " " " " "	—	1	1
3	E378	Bush, timing gear cover to crankshaft	—	1	1
4	E2615	Plug, " " " " " " " " " " " "	—	1	1
5	E1335	Washer, " " " " " " " " " " " "	—	1	1
6	E1595	Patent plate	—	1	—
7	E1678	" " " " " " " " " " " "	—	—	1
8	E1891	" " " " " " " " " " " "	1	—	—
9	D208-5	Screw, hammer drive	3	3	3
10	E1049	Screw, timing gear cover, long	2	3	3
11	E452	" " " " " " " " " " " "	6	—	—
12	E427	" " " " " " " " " " " "	2	7	7

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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	E.1766	13	35	20	E.2254	24	20
2	E.1819	17	5	21	GS.87	24	21
3	E.1748	13	23	22	E.398	24	4
	E.1841	13	27	23	E.2451	24	19
4	E.1750	17	10	24	E.1771	24	1
5	E.1767	17	11	25	111700	78	21
6	E.1749	21	3	26	E.1486	24	9
7	E.1762	21	5	27	E.2202	24	13
8	E.2200	20	8	28	E.400	24	15
9	E.1745	20	4	29	47502A	24	18
10	E.1747	20	6	30	E.1463	24	12
11	E.1790	20	9	31	E.1492	24	11
12	E.1760	20	12	32	E.1592	21	12
13	E.1797	20	14	33	E.1732	25	42
14	E.1558	24	10	34	E.1521	25	37
15	E.1580	24	3	35	E.2826F	25	27
16	E.1769	21	11	36	E.1681	25	36
17	E.2266	24	5	37	E.659	25	38
18	E.1754	24	7	38	E.396	25	40
19	E.2256	24	22	39	E.509	25	41

SEE SPECIMEN ORDER IN PREFACE

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
TIMING GEAR					
1	E1771	Pinion, timing	1	—	—
2	E1472	" "	—	1	1
3	E1580	Key, timing pinion	1	1	1
4	E398	Nut, " "	1	1	1
5	E2266	Camshaft, inlet	1	—	—
6	E2302	" "	—	1	1
7	E1754	" exhaust	1	—	—
8	E1485	" "	—	1	1
9	E1486	Wheel, camshaft inlet or exhaust	2	2	2
10	E1558	Key, camshaft wheel	2	2	2
11	E1492	Nut, " " exhaust	1	1	1
12	E1463	" " " inlet	1	1	1
13	E2202	Wheel intermediate	1	—	—
14	E1471	" "	—	1	1
15	E400	Bush, intermediate wheel	1	1	1
16	E375	Spindle, " "	1	1	1
17	E1992	Gear, magneto c/w auto advance (B.T.H.)	1	1	1
18	47502A	" " " " " (Lucas)	1	1	1
19	E2451	Pinion, dynamo	1	1	1
CRANKCASE BREATHER					
20	E2254	Valve, rotary	1	1	1
21	GS87	Disc, valve	1	1	1
22	E2256	Spring, valve	1	1	1
TAPPETS					
23	E1478	Tappet, valve	4	4	4
24	E1477	Block, valve tappet	—	2	2
25	E1837	" " "	2	—	—
26	H200	Lock screw, valve tappet block	2	2	2
27	E2312	Washer, " " " "	2	2	2
PUSH ROD					
28	E1785	Rod, valve push	4	—	—
29	E1693	" " " "	—	4	4
PUSH ROD COVER TUBE					
30	E1838	Tube, push rod cover	2	—	—
31	E2273	" " " "	—	2	—
32	E2273T	" " " "	—	—	2
33	E1496	Washer, push rod seal (lower)	—	2	2
34	E2425	" " " " " "	2	—	—
35	E1497	" " " " " (upper)	2	2	2
OVERHEAD ROCKERS					
36	E1461	Box, rocker inlet	—	1	—
37	E1461T	" " " "	—	—	1
38	E1462	" " exhaust	—	1	—
39	E1462T	" " " "	—	—	1
40	E1650	Gasket, rocker box	—	4	4
41	E1540	Stud, " " " "	—	4	4
42	F879	Nut, " " " stud	—	4	4
43	E1564	Cap, " " " inspection	—	4	4

FIGURE IN MODEL COLUMN DENOTES QUANTITY PER MACHINE

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	E1779	Cap, rocker box inspection	2	—	—
2	E2423	Dowel, „ „ „ cap	2	—	—
3	E1577	Washer, „ „ „ „ „ „ „ „	—	4	4
4	E1780	„ „ „ „ „ „ „ „	2	—	—
5	E1912	Nut, „ „ „ „ „ „ „ „	2	—	—
6	PT104B	Washer „ „ „ „ „ nut (fibre)	2	—	—
7	E1545	Screw, „ „ „ „ „ „ „ „	—	4	4
8	S25-13	Washer, „ „ „ screw	—	4	4
9	E1755	Rocker, valve, R.H.	2	—	—
10	E1457	„ „ „ „ „ „ „ „	—	2	2
11	E1756	„ „ „ L.H.	2	—	—
12	E1458	„ „ „ „ „ „ „ „	—	2	2
13	E1483	Pin, valve rocker ball	4	4	4
14	E1513	„ „ „ „ „ adjusting	4	4	4
15	E470	Nut, „ „ „ „ „ pin	4	4	4
16	E1330	Washer, valve rocker thrust, $\frac{3}{8}$ \"	2	2	2
17	E1575	„ „ „ „ „ $\frac{1}{2}$ \"	6	6	6
18	E1574	„ „ „ „ „ thackeray	4	4	4
19	E1813	Spindle, „ „ „ „ „ „ „ „	2	—	—
20	E1512	„ „ „ „ „ „ „ „	—	2	2
21	E1435	Nut, „ „ „ „ „ spindle	2	2	2
22	E1335	Washer, „ „ „ „ „ „ „ „	4	4	4
23	E1781	Pipe, „ „ „ „ „ lubricating	1	—	—
24	E1937A	„ „ „ „ „ „ „ „	—	1	1
25	E1947	Tube, pipe connecting rubber	1	1	1
26	XA69	Clip, pipe	5	5	5

ENGINE SPROCKET AND SHOCK ABSORBER

27	E2826F	Sprocket, engine 19T	1	—	—
28	E2826F	„ „ 19T (sidecar)	—	1	1
29	E2826C	„ „ 22T	—	1	1
30	E2826H	„ „ 17T	As required		
31	E2826G	„ „ 18T	„	„	
32	E2826E	„ „ 20T	„	„	
33	E2826D	„ „ 21T	„	„	
34	E2826B	„ „ 23T	„	„	
35	E2826A	„ „ 24T	„	„	
36	E1681	Slider, shock absorber	1	1	1
37	E1521	Sleeve, „ „ „ „ „ „ „ „	1	1	1
38	E659	Spring, „ „ „ „ „ „ „ „	1	—	—
39	E395	„ „ „ „ „ „ „ „	—	1	1
40	E396	Collar, „ „ „ „ „ „ „ „	1	1	1
41	E509	Nut, „ „ „ „ „ sleeve	1	1	1
42	E1732	Washer, engine sprocket distance	1	—	—

WHEN IN DOUBT SEND SAMPLE

1

1

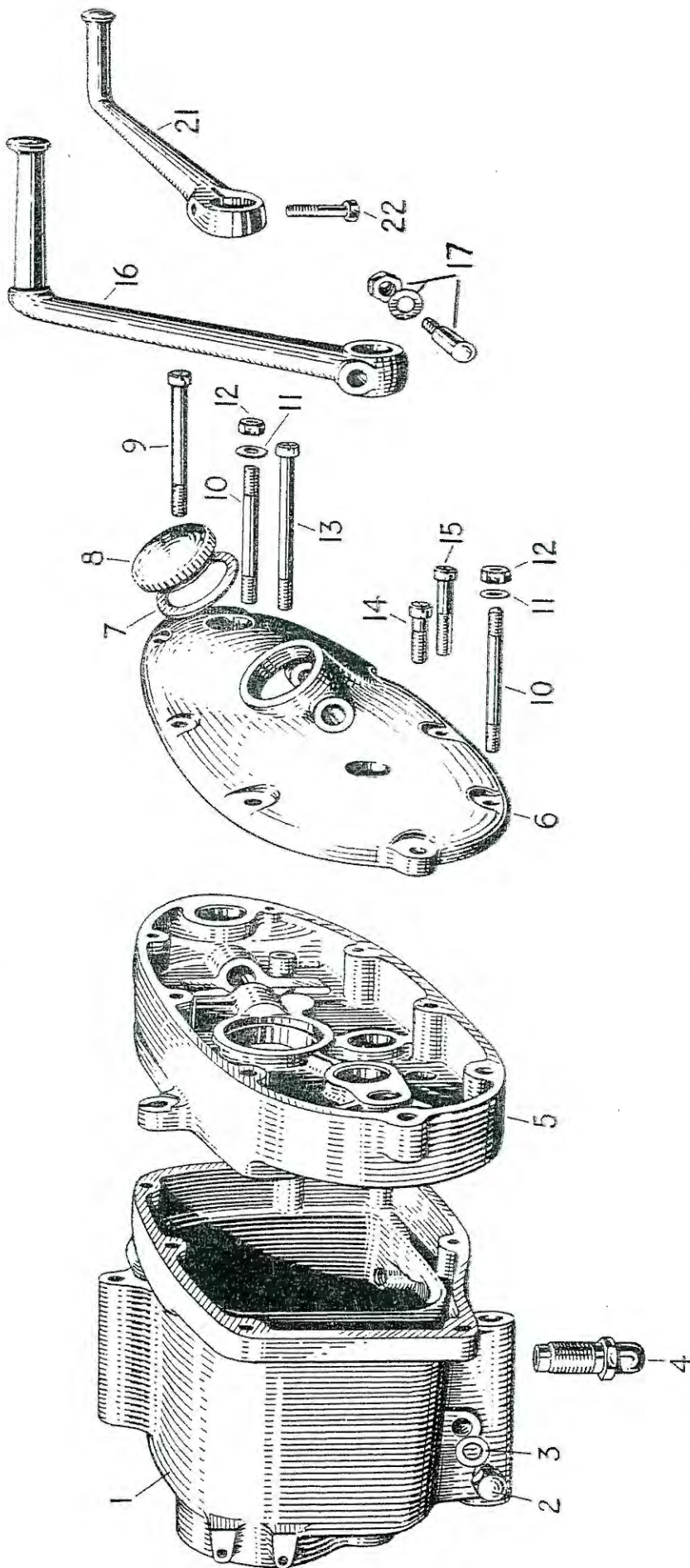
1

GEARBOX GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
GEARBOX CASING					
1	T264B	Casing with bushes, gearbox	1	1	1
2	E698	Stud, gearbox casing outer cover	2	2	2
3	S1-51	Nut, " " " " stud	2	2	2
4	S25-3	Washer, " " " " " "	2	2	2
5	T411	Cover, with bushes, gearbox outer	1	1	1
6	T452	Screw, outer cover to case	1	1	1
7	E573	" " " " " "	1	1	1
8	E427	" " " " inner cover	3	3	3
9	T410	Cover, with bushes gearbox inner	1	1	1
10	T323A	Stud, gearbox inner cover to outer cover	1	1	1
11	S1-51	Nut, inner cover to outer cover stud	1	1	1
12	S25-3	Washer, " " " " " "	1	1	1
13	E329	Screw, gearbox inner cover to case	1	1	1
14	E427	Screw, inner cover to case	2	2	2
15	T45	Stop, kickstarter quadrant	1	1	1
16	T400	Cap, gearbox filler	1	1	1
17	NT376	Washer, gearbox filler cap	1	1	1
18	S46-15	Plug, gearbox drain and inner cover level	2	2	2
19	PT104B	Washer, drain and level plug	2	2	2
GEARBOX FITTINGS					
20	T717	Plate, gearbox mounting clamp	2	2	2
21	T456	Stud, gearbox clamp tie	2	2	2
22	S1-51	Nut, " " " stud	3	3	3
23	T461	Nut, " " " "	1	1	1
24	S26-3	Washer, " " tie stud spring	2	2	2
25	F1681	Bolt, " " " pin	1	1	1
26	S4-13	Nut, " " " bolt	1	1	1
27	S25-8	Washer, " " " "	1	1	1
28	T430	Bolt, gearbox pivot	—	1	1
29	F2391	" " " " " "	1	—	—
30	F1126	Nut, " " " bolt	1	—	—
31	S26-1	Washer, " " " "	1	1	1
32	T275	Adjuster assembly, primary chain	1	1	1
SHAFTS AND GEARS					
33	T441	Mainshaft (15T)	1	1	1
34	S66-1	Woodruff key, No. 6	1	1	1
35	T421	Nut, clutch to mainshaft	1	1	1
36	T420	Plain washer, clutch to mainshaft	1	1	1
37	T524	Lock washer, " " " nut	1	1	1
38	T433	Layshaft	1	1	1
39	T432	Tube, layshaft distance	1	1	1
40	T726	Gear, mainshaft high (25T)	1	1	1
41	T492	Tube, mainshaft high gear distance	1	1	1

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID

GEARBOX CASING AND LEVERS



Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	T.264B	27	1	8	T.400	27	16
2	S.46-15	27	18	9	E.573	27	7
3	PT.104B	27	19	10	E.698	27	2
4	T.372	29	28	11	S.25-3	27	4
5	T.410	27	9	12	S1-51	27	3
6	T.411	27	5	13	T.452	27	6
7	NT.376	27	17				
				14	E.427	27	8
				15	E.329	27	13
				16	T.451	33	5
				17	S.52-1	33	7
				21	T.398	29	40
				22	T.450	29	41

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	T446A	Bush, gearbox mainshaft high gear	2	2	2
2	T443	Gear, mainshaft 3rd (23T)	1	1	1
3	T727	Gear, mainshaft 2nd (19T)	1	1	1
4	T434	Gear, layshaft high (19T)	1	1	1
5	T438	Bush, layshaft high gear	2	2	2
6	T435	Gear, layshaft 3rd (21T)	1	1	1
7	T436	Gear, layshaft 2nd (25T)	1	1	1
8	T437	Gear, layshaft low (29T)	1	1	1
9	T431	Bush, layshaft low gear	1	1	1

GEARBOX SHELL BEARINGS

10	T448	Bearing, high gear	1	1	1
11	T445	Cover, high gear bearing dust	1	1	1
12	E489	Ring, " " " retaining	1	1	1
13	S35-7	Bearing, mainshaft	1	1	1
14	T280	Ring, bearing retaining	1	1	1
15	T290	Bush, layshaft	2	2	2
16	T18	Disc, layshaft bush	1	1	1
17	T341	Bush, gear selector cam plate	1	1	1
18	T412	Bush, footchange spindle (inner)	1	1	1
19	T57	" " " (outer)	1	1	1
20	T362	Bush, kickstarter (inner)	1	1	1
21	T23	" " (outer)	1	1	1

GEAR CONTROL (SELECTOR MECHANISM)

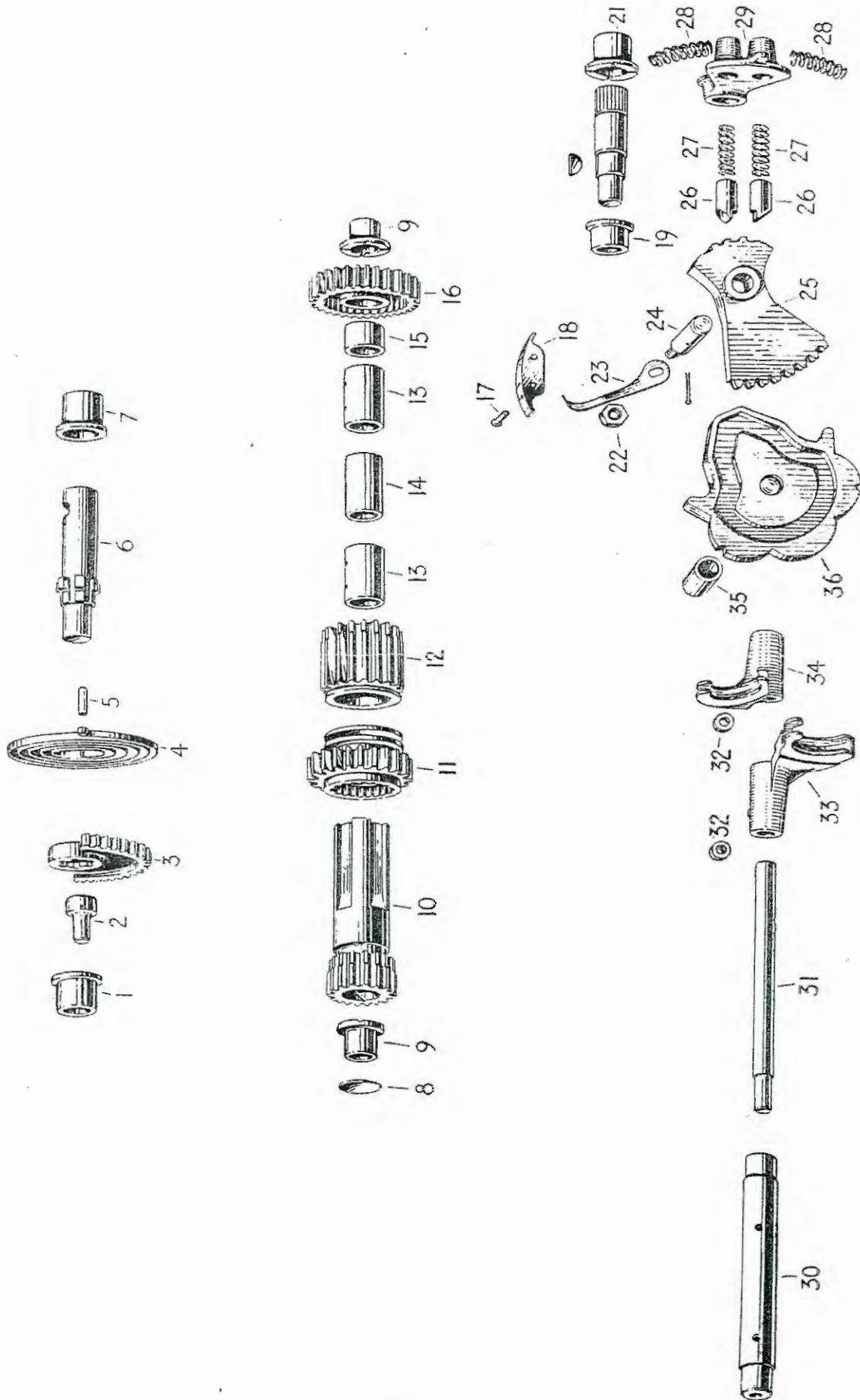
22	T397	Quadrant, gear operating	1	1	1
23	T399	Spindle, gear operating quadrant	1	1	1
24		Split pin, $1\frac{1}{2} \times 5/64$	1	1	1
25	T500	Camplate, gear control	1	1	1
26	NT261	Roller, gear control cam plate	2	2	2
27	T501	Plunger, " " " " " "	1	1	1
28	T372	Bush, " " " " " plunger	1	1	1
29	T373	Spring, " " " " " "	1	1	1
30	T260	Fork, gear selector mainshaft	1	1	1
31	T261	" " " layshaft	1	1	1
32	T291	Rod, " " " fork	1	1	1

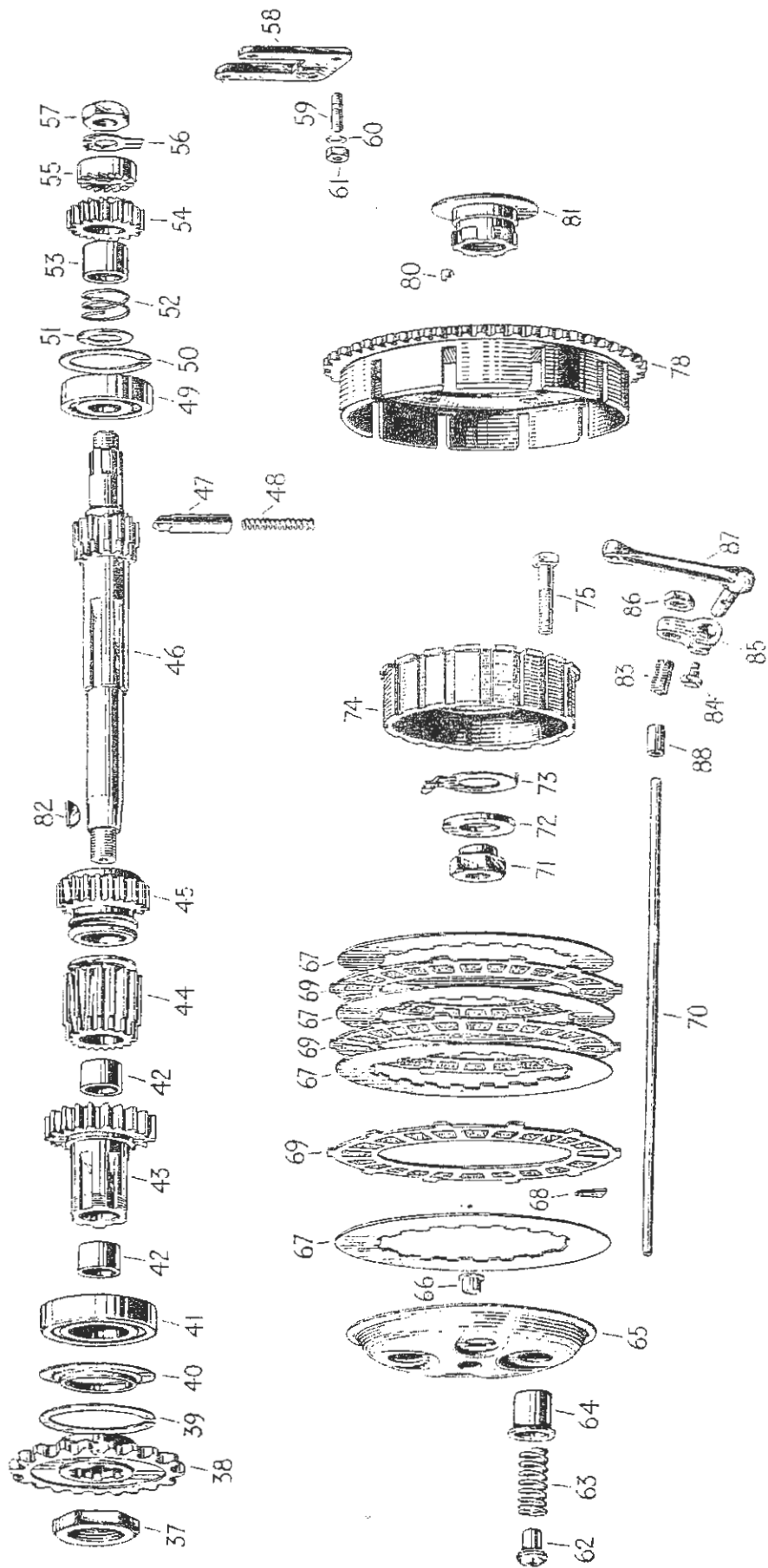
GEAR CONTROL (ENCLOSED FOOTCHANGE)

33	T407	Plate, footchange guide	1	1	1
34	T454	Stud, " " " plate	4	4	4
35	F879	Nut, " " " " stud	4	4	4
36	E2312	Washer, " " " " " (shakeproof)	4	4	4
37	T408/9	Plunger assembly, gear quadrant	1	1	1
38	T406	Plunger, gear quadrant	2	2	2
39	T405	Spring, " " " plunger	2	2	2
40	T398	Pedal, footchange	1	1	1
41	T450	Set screw, footchange pedal	1	1	1
42	T449	Rubber " " " " " "	1	1	1
43	T404	Spring, footchange pedal return	2	2	2
44	T395	Finger, gear indicator	1	1	1

TREASURY NOTES MUST BE REGISTERED

GEARS AND CLUTCH





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R

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	T.362	29	20	46	T.441	27	33
2	T.45	27	15	47	T.501	29	27
3	T.25A	33	10	48	T.373	29	29
4	T.31	33	8	49	S.35-7	29	13
5	T.47	33	9	50	T.280	29	14
6	T.24A	33	11	51	T.505	33	17
7	T.23	29	21	52/3	T.488/28	33	14
8	T.18	29	16	54	T.730	33	12
9	T.290	29	15	55	T.731	33	13
10	T.434	29	4	56	T.732	33	16
11	T.436	29	7	57	NT.297	33	15
12	T.435	29	6	58	T.407	29	33
13	T.438	29	5	59	T.454	29	34
14	T.432	27	39	60	E.2312	29	36
15	T.431	29	9	61	F.879	29	35
16	T.437	29	8	62	T.427	33	31
17	D.208-17	33	4	63	T.429	33	28
18	T.396	33	3	64	T.425	33	32
19	T.412	29	18	65	T.419	33	33
21	T.57	29	19	66	T.422	33	34
22	T.224	33	1	67	T.415	33	27
23	T.395	29	44	68	NT.288	33	26
24	T.399	29	23	69	T.414	33	25
25	T.397	29	22	70	T.455	33	43
26	T.406	29	38		T.455A	33	44
27	T.405	29	39	71	T.421	27	35
28	T.404	29	43	72	T.420	27	36
29	T.408/9	29	37	73	T.524	27	37
30	T.433	27	38	74	T.417	33	23
31	T.291	29	32		T.417A	33	24
32	NT.261	29	26	75	T.423	33	30
33	T.261	29	31		T.424	33	29
34	T.260	29	30	78	T.416/428	33	20
35	T.341	29	17		T.416A/428	33	21
36	T.500	29	25	80	T.394	33	22
37	T.440	33	19	81	T.418	33	35
38	T.471A	33	18	82	S.66-1	27	34
39	E.489	29	12	83	T.413	33	41
40	T.445	29	11	84	T.401	33	39
41	T.448	29	10	85	T.402	33	38
42	T.446A	29	1	86	T.453	33	42
43	T.726	27	40	87	T.487	33	36
44	T.727	29	3	88	PT.108B	33	45
45	T.443	29	2				

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

WIDE RATIO GEAR GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100	R
1	T465	High gear, mainshaft 27T ... ..	|	|	|	
2	T466	High gear, layshaft 17T ... ..	|	|	|	
3	T467	2nd gear, mainshaft 18T ... ..	|	|	|	
4	T468	2nd gear, layshaft 26T ... ..	|	|	|	

CLOSE RATIO GEAR GROUP

5	T515C	Mainshaft 18T ... ..	|	|	|	
6	T513C	Gear, mainshaft high 24T ... ..	|	|	|	
7	T509C	Gear, mainshaft 2nd 20T ... ..	|	|	|	
8	T511C	Gear, mainshaft 3rd 23T ... ..	|	|	|	
9	T510C	Gear, layshaft low 26T ... ..	|	|	|	
10	T512C	Gear, layshaft high 20T ... ..	|	|	|	
11	T514C	Gear, layshaft 2nd 24T ... ..	|	|	|	
12	T508C	Gear, layshaft 3rd 21T ... ..	|	|	|	

For Gear Ratios See Page 82.

SEE PAGE 7 WHEN ORDERING GEAR SETS

FRAME GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
FRONT PORTION					
1	F2385	Frame, front portion	1	—	—
2	F2938	" " " " " " " " " " " "	—	1	1
3	E1023	Stud, seat lug to back stays	1	—	—
4	F1561	" " " " " " " " " " " "	—	1	1
5	PO172A	Nut, " " " " " " " " stud	2	2	2
6	S26-1	Washer, " " " " " " " " " " " "	2	2	2
7	F994	Stud, frame to chain stay seat tube	1	1	1
8	SI-30	Nut, " " " " " " " " " " stud	2	2	2
9	SCZ45	Washer, " " " " " " " " " " " "	2	2	2
10	F1841	Support, petrol tank front	—	1	1
11	F1451	Bolt, tank front support	—	1	1
12	SI-52	Nut, " " " " " " " " " " bolt	—	1	1
13	F1671	Support, petrol tank rear	—	1	1
14	F1213	Bolt, tank rear support	—	2	2
15	S26-3	Washer, tank rear support bolt	—	2	2
16	NW100	Lubricator, steering column	1	1	1

SEE FRONT FORK GROUP FOR HEAD LUG STEERING RACES

REAR PORTION					
17	F2963	Frame, rear portion	1	—	—
18	F2939	" " " " " " " " " " " "	—	1	1
19	F969	Screw, rear chain adjuster	2	2	2
20	F1008	Locknut, " " " " " " " " " " screw	2	—	—
21	F1824	" " " " " " " " " " " "	—	2	2

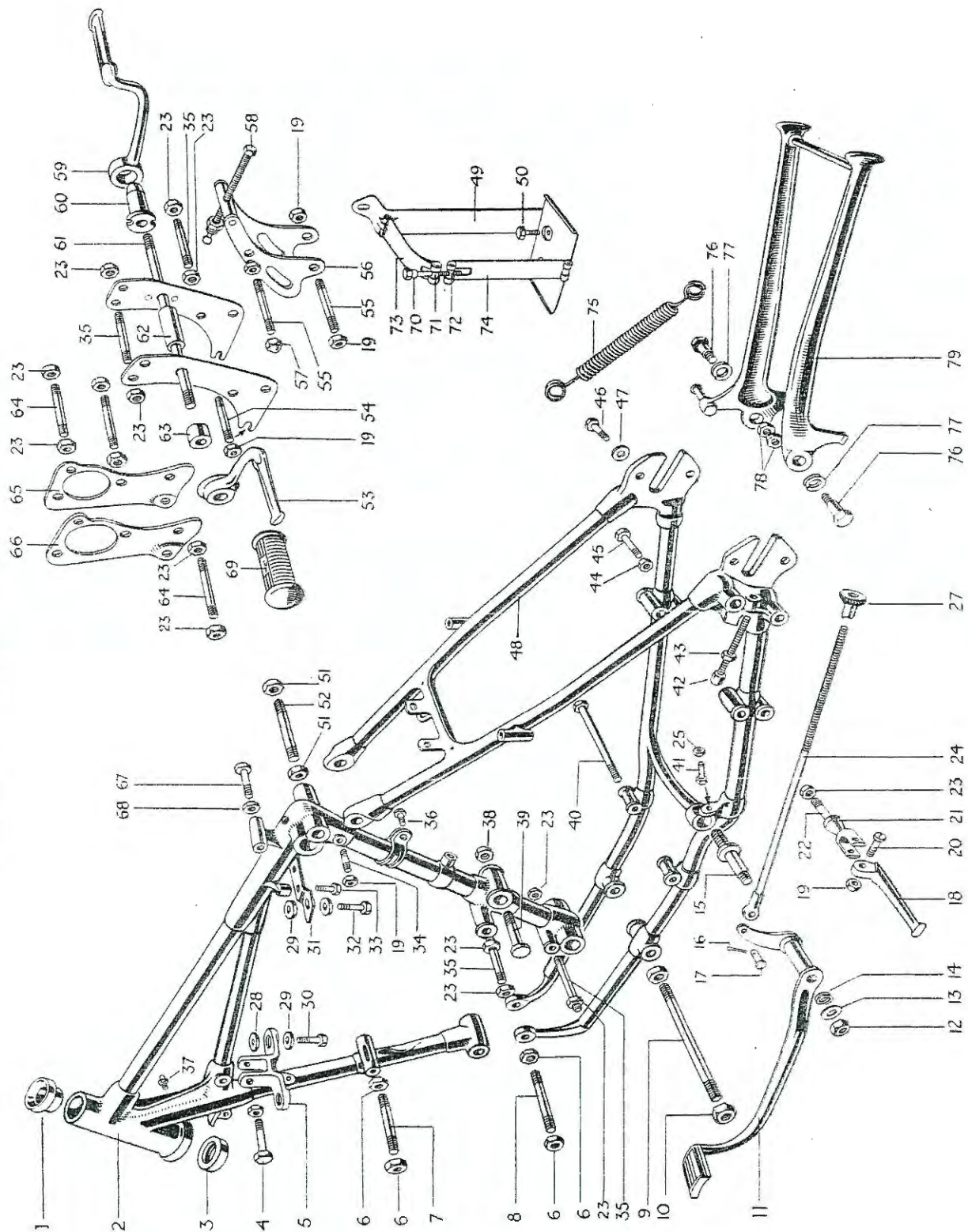
TORQUE BRACKET GROUP

22	E1597	Stay, engine to frame torque	—	2	2
23	F2380	Bracket, " " " " " " " " " " " "	1	—	—
24	E1598	Clip, torque stay	—	1	1
25	F2381	Clip, " " bracket	1	—	—
26	F1031	Bolt, " " stay	—	2	2
27	DS55	Bolt, " " bracket	1	—	—
28	PO172A	Nut, " " stay	—	1	1
29	SI-51	Nut, " " bracket	1	—	—
30	S25-3	Washer, " " " " " " " " " " " "	—	1	1
31	S26-3	Washer, " " " " " " " " " " " "	1	—	—

Torque bracket as fitted to early 5T and T100 models has been discontinued, replace with above when required.

FRAME NUMBER IS ON FRONT TOP OF HEAD LUG

FRAME AND COMPONENTS 5T AND T100

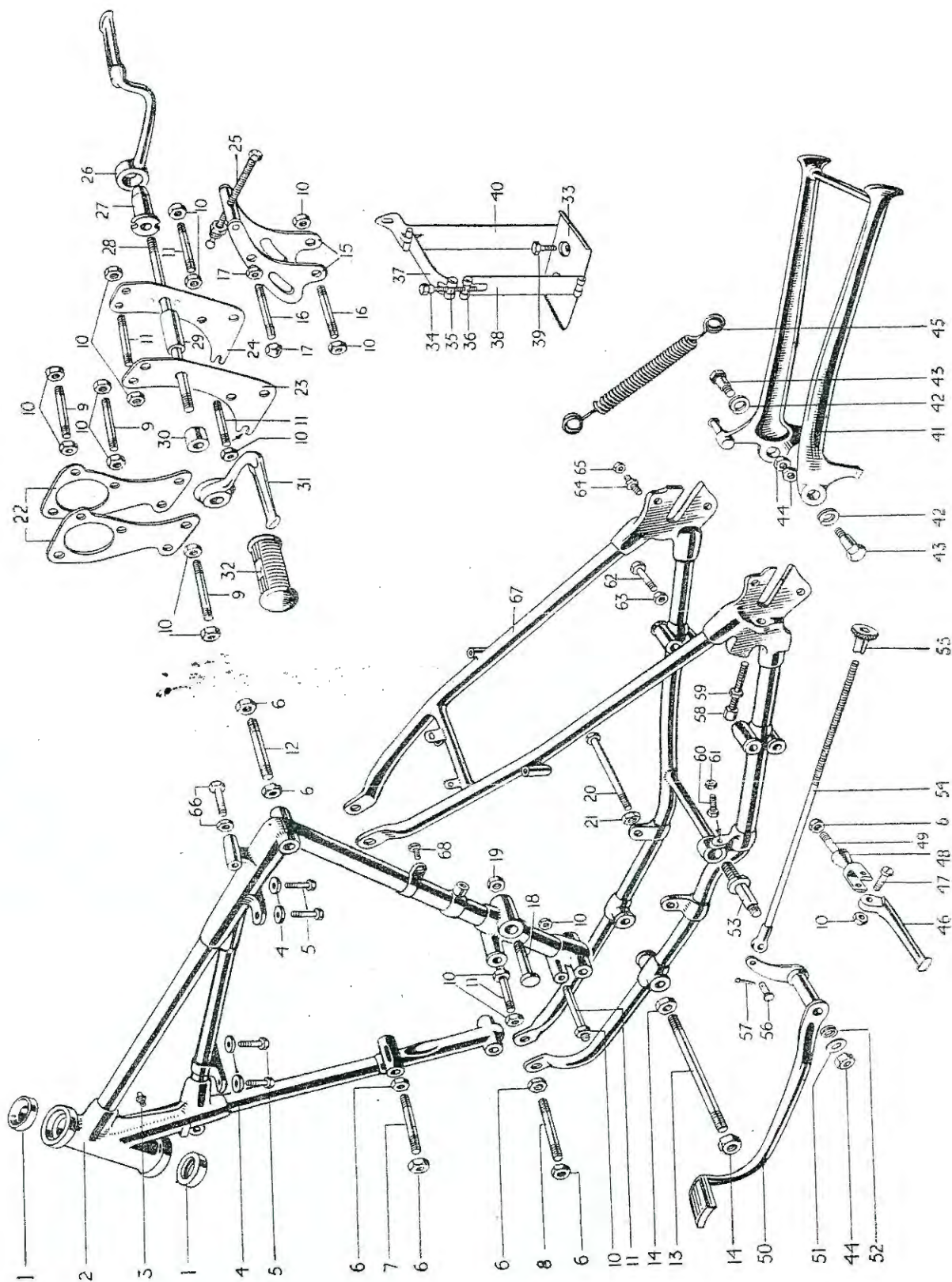


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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	H.437	43	20	28	F.1813	62	17	53	F.987	66	20
2	F.2938	35	2	29	F.967	62	16	54	F.839	40	28
3	H.111	43	21	30	F.1808	62	14	55	T.456	27	21
4	F.1451	35	11	31	F.1671	35	13	56	T.717	27	20
5	F.1841	35	10	32	F.966	62	13	57	T.461	27	23
6	DS.47	40	13/19	33	F.1213	35	14	58	T.275	27	32
7	F.2414	40	11	34	F.1682	62	30	59	F.1731	66	19
8	F.1680	40	17	35	F.839	40	28	60	F.1736	66	22
9	F.994	35	7	36	F.929	62	27	61	F.991	66	23
10	S.1-30	35	8	37	NW.100	35	16	62	F.862	66	28
11	F.1153	66	1	38	S.4-13	27	26	63	T.87	58	17
12	S.1-51	66	8	39	F.1681	27	25	64	F.1711	40	23
13	S.25-2	66	9	40	T.430	27	28	65	E.2223	40	3
14	S.26-16	66	10	41	F.1149	66	3	66	E.2222	40	2
15	F.867	66	5	42	F.969	35	19	67/8	NA.64J	67	15
16	1/8" pin	66	16	43	F.1824	35	21	69	NF.704	66	21
17	WF.32	66	15	44	T.224	26	15	70	E.536	40	38
18	F.1694	66	30	45	E.688	26	14	71	E.534	40	36
19	S.1-51	66	33	46	E.579	57	16	72	E.535	40	37
20	F.2271	66	32	47	S.26-2	57	20	73	F.1667	40	39
21	F.2268	66	35	48	F.2939	35	18	74	F.1668	40	40
22	F.1696	66	36	49	F.2876	40	34	75	F.975A	45	9
23	PO.172A	66	37	50	F.1715	40	44	76	F.977	45	10
24	F.1015A	66	12	51	PO.172A	35	5	77	F.976	45	12
	F.1015B	66	13	52	F.1561	35	4	78	W.630	45	11
27	NS.372	66	18					79	F.1834	45	8

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

FRAME AND COMPONENTS 3T



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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	XS.10	43	19	24	F.2396	40	4	47	F.2271	66	32
2	F.2385	35	1	25	T.275	27	32	48	E.2268	66	35
3	NW.100	35	16	26	F.1731	66	19	49	F.1696	66	36
4	F.967	62	16	27	F.1736	66	22	50	F.1153	66	1
5	F.966	62	13	28	F.1092	66	24	51	S.25-2	66	9
6	PO.172A	40	14	29	F.1081	66	27	52	S.26-16	66	10
7	E.1023	40	12	30	T.200	58	18	53	F.867	66	5
8	F.1711	40	18	31	F.987	66	20	54	F.1015	66	11
9	E.925	40	24	32	NF.704	66	21		F.1015C	66	14
10	S.1-51	40	26	33	F.2876	40	34	55	NS.372	66	18
11	E.654	40	29	34	E.536	40	38	56	WF.32	66	15
12	E.1023	35	3	35	E.534	40	36	57	1/8" Pin	66	16
13	F.994	35	7	36	E.535	40	37	58	F.969	35	19
14	S.1-30	35	8	37	F.1667	40	39	59	F.1008	35	20
15	T.717	27	20	38	F.1668	40	40	60	F.1149	66	3
16	T.456	27	21	39	F.1715	40	44	61	F.879	66	4
17	T.461	27	23	40	F.2877/8	40	35	62	H.570	26	13
18	F.1681	27	25	41	F.1834	45	8	63	T.224	26	15
19	S.4-13	27	26	42	F.976	45	12	64	F.946	54	27
20	F.2391	27	29	43	F.977	45	10	65	F.947	54	28
21	F.1126	27	30	44	W.630	45	11	66	NA.64J	67	15
22	F.2235	40	1	45	F.975A	45	9	67	F.2963	35	17
23	F.2392	40	6	46	F.1694	66	30	68	F.1213	62	28

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

ENGINE PLATE GROUP

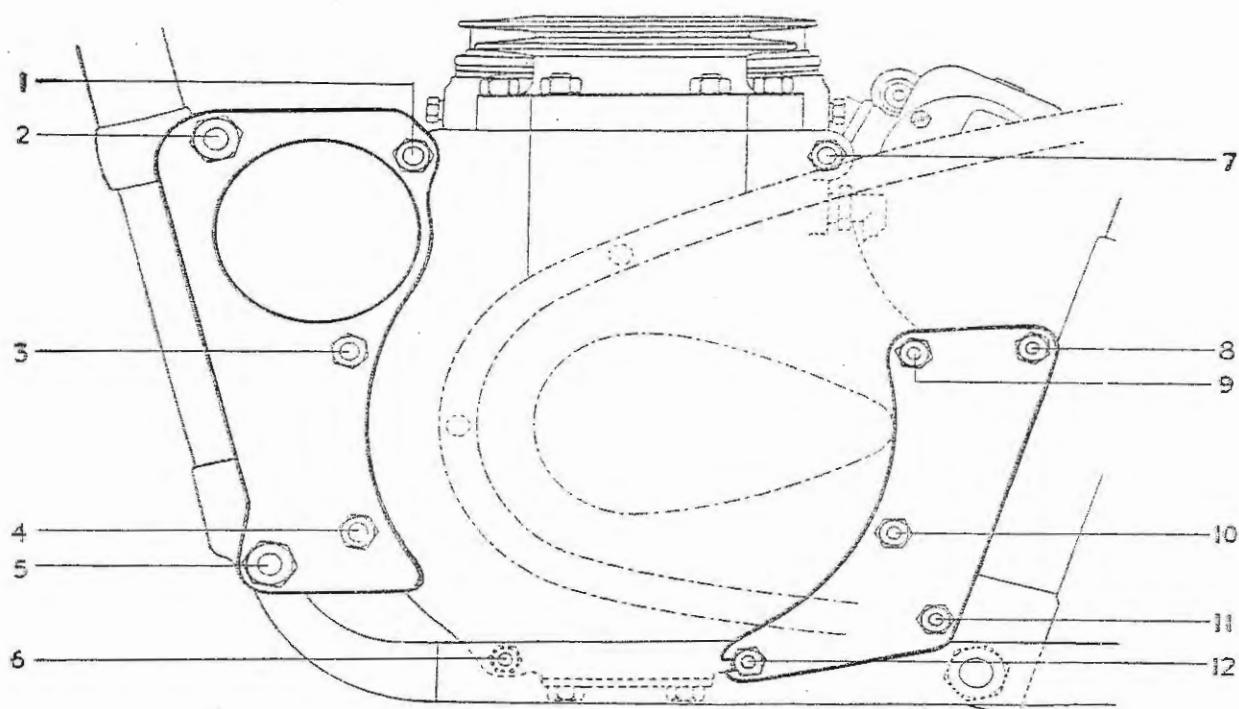
REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	E2235	Plate, engine front	2	—	—
2	E2222	" " " N.S.	—	1	1
3	E2223	" " " O.S.	—	1	1
4	F2396	" " rear, O.S.	1	—	—
5	F1811A	" " " O.S.	—	1	1
6	F2392	" " " N.S.	1	—	—
7	F1811	" " " N.S.	—	1	1
8	F1117	Dowel, " " O.S. plate	2	2	2
9	F2395	Cover, " plate front	1	—	—
10	E2275	" " " " "	—	1	1
11	F2414	Stud, engine plate to frame front top	—	1	1
12	E1023	" " " " " " "	1	—	—
13	DS47	Nut, " " " " " " stud	—	2	2
14	PO172A	" " " " " " " "	2	—	—
15	PCW73A	Washer, " " " " " " " "	—	2	2
16	S26-1	" " " " " " " "	2	—	—
17	F1680	Stud, " " " " " " bottom	—	1	1
18	F1711	" " " " " " " "	1	—	—
19	DS47	Nut, " " " " " " " stud	—	2	2
20	PO172A	" " " " " " " "	2	—	—
21	PCW73A	Washer, " " " " " " " "	—	2	2
22	S26-1	" " " " " " " "	2	—	—
23	F1711	Stud, engine plate to crankcase front	—	3	3
24	E925	" " " " " " " "	3	—	—
25	PO172A	Nut, " " " " " " " stud	—	6	6
26	SI-51	" " " " " " " "	6	—	—
27	S25-3	Washer, " " " " " " " "	6	—	—
28	F839	Stud, " " " " " " and frame rear	—	5	5
29	E654	" " " " " " " "	5	—	—
30	PO172A	Nut, " " " " " " " stud	—	10	10
31	SI-51	" " " " " " " "	10	—	—
32	S26-1	Washer, " " " " " " " "	—	10	10
33	S26-3	" " " " " " " "	10	—	—

BATTERY CARRIER GROUP

34	F2876	Carrier assembly, battery	...	...	...	...	1	1	1
35	F2877/8	Base and back assembly, battery carrier	...	...	...	...	1	1	1
36	E534	Swivel, battery carrier strap, plain hole	...	...	...	...	1	1	1
37	E535	" " " " tapped hole	...	...	...	...	1	1	1
38	E536	Bolt, " " " " swivel	...	...	...	...	1	1	1
39	F1667	Strap, " " top	...	...	...	...	1	1	1
40	F1668	" " " front	...	...	...	...	1	1	1
41	F1727	Pin, " " strap hinge	...	...	...	...	2	2	2
42	F1682	Stud, " " to seat tube boss	...	...	...	...	1	1	1
43	S1-51	Nut, " " " " " " stud	...	...	...	...	1	1	1
44	F1715	Bolt, " " " " primary cover	...	...	...	...	2	2	2

SEE PAGE 29 FOR FRAME BOLT POSITION, ASSEMBLY, ETC.

CRANKCASE AND FRAME STUDS, BOLTS AND WASHERS



INDEX

350 c.c.

1, 3, 4 & 6	E.925 S1-51 S25-3	Stud. Nut. Washer.	5.	F.1711 PO.172.A S26-1	Stud. Nut. Washer.	8, 9, 10 11 & 12	E.654 S1-51 S26-3	Stud. Nut. Washer.
2.	E.1023 PO.172.A S26-1	Stud. Nut. Washer.	7.	E.1555 S25-3	Bolt. Washer.			

500 c.c.

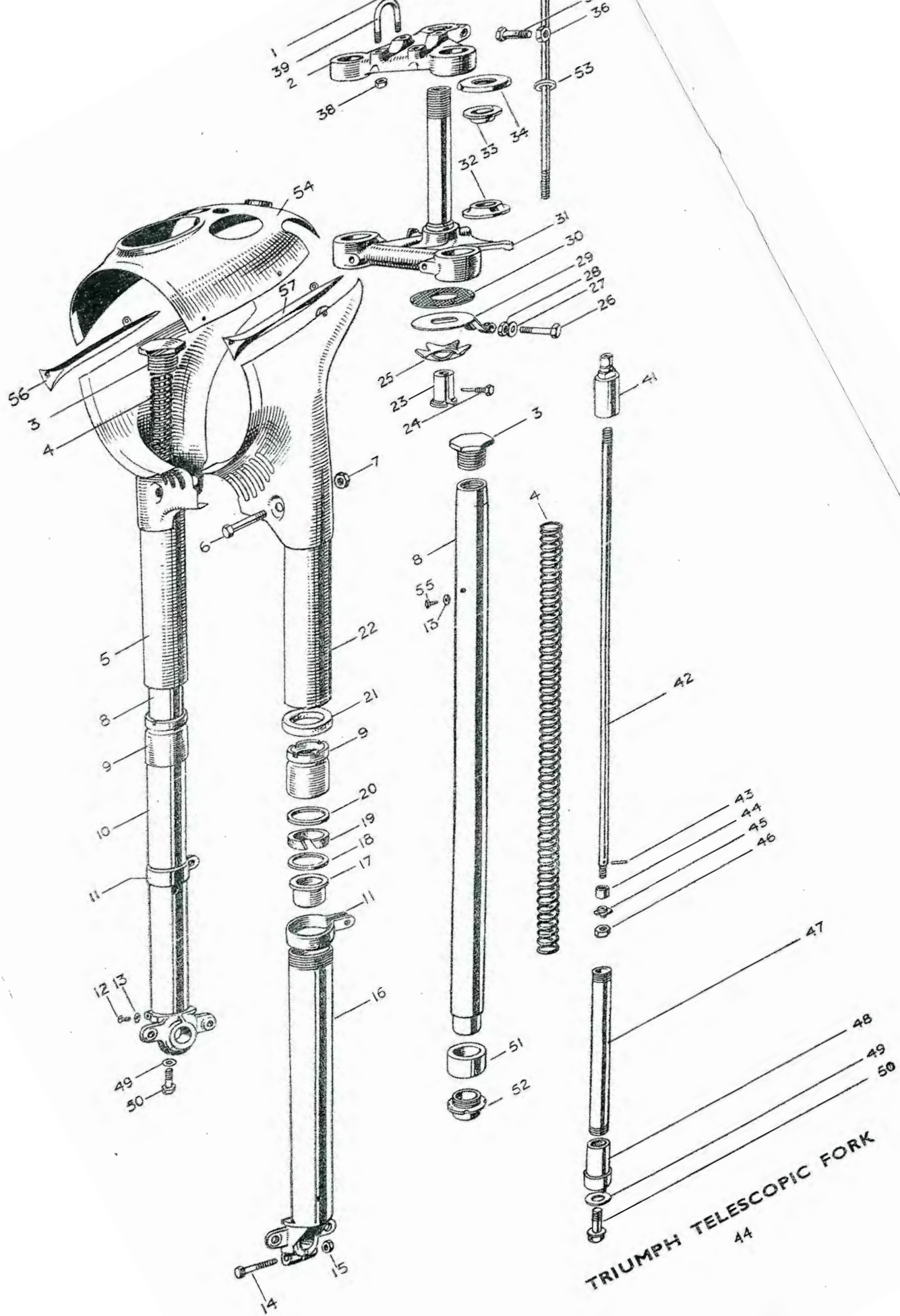
1, 3, 4	F.1711 PO.172.A S26-1	Stud. Nut. Washer.	5.	F.1680 DS.47 PCW.73.A	Stud. Nut. Washer.	7.	E.1555 S25-3	Bolt. Washer.
2.	F.2414 DS.47 PCW.73.A	Stud. Nut. Washer	6.	T.456 S1-51 S25-3	Stud. Nut. Washer	8, 9, 10 11 & 12	F.839 PO.172.A S26-1	Stud. Nut. Washer.

ALWAYS QUOTE PART NUMBER

FRONT FORK GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
FRONT FORK ASSEMBLY					
1	H709	Fork assembly	1	—	—
2	H692	" " " " " " " " " " " "	—	1	1
3	H710	Member, fork, N.S. (less nacelle cover)	1	—	—
4	H693	" " " " " " " " " " " "	—	1	1
5	H711	" " " " O.S. " " " " " " " "	1	—	—
6	H694	" " " " " " " " " " " "	—	1	1
7	H663A	Lug, fork head top	1	1	1
8	F1760	Bolt, head top lug pinch	1	1	1
9	H379	Nut " " " " bolt	1	1	1
10	H660	"U" bolt, handlebar clamp	2	2	2
11	S25-3	Washer, " " " " " " " " " " " "	4	4	4
12	S1-51	Nut, " " " " " " " " " " " "	4	4	4
13	H695	Crown and stem, fork	1	1	1
14	H404	Nut, crown and stem sleeve	1	—	—
15	H405	" " " " " " " " " " " "	—	1	1
16	H570	Bolt, " " " " " " to stanchion pinch	2	2	2
17	H518	Nut, " " " " " " " " " " " " bolt	2	2	2
18	S25-3	Washer, " " " " " " " " " " " "	2	2	2
19	H656	Cover, nacelle, N.S.	1	1	1
20	H657	Cover, " " O.S.	1	1	1
21	H618	Top unit, nacelle	1	1	1
22	H669	Grommet, handlebar rubber	2	2	2
23	H689	Screw, top unit to bottom unit	2	2	2
24	H691	Nut for H689	2	2	2
25	E2880	Washer for H691	2	2	2
26	H623	Motif (flash) N.S.	1	1	1
27	H624	Motif " " O.S.	1	1	1
28	H688	Screw, motif front	2	2	2
29	H691	Nut " " " " " " " " " " " "	2	2	2
30	E2880	Washer for H691	2	2	2
31	H687	Screw, top unit to bottom unit	2	2	2
32	H420	Washer, cover tube felt	2	2	2
33	H414	Cover tube bottom, with wheel spindle lug, N.S.	1	1	1
34	H415	" " " " " " " " " " " " O.S.	1	1	1
35	H519	Plug, cover tube bottom drain	2	2	2
36	H430	Washer, " " " " " " plug	2	2	2
37	F1760	Bolt, N.S. " " " " " " wheel lug pinch	1	1	1
38	H379	Nut, N.S. cover tube bottom wheel lug bolt	1	1	1
39	H390	Sleeve, " " " " " " dust excluder	2	2	2
40	H391	Washer, " " " " " " " " sleeve felt	2	2	2
41	H445	Washer, inner retaining for H391	2	2	2
42	H431	Washer, outer " " " " " " " " " "	2	2	2
43	H441	Bearing, bottom cover tube	2	2	2
44	H382A	Stanchion	2	2	2
45	H519A	Plug, stanchion oil filler	2	2	2
46	H430	Washer, " " " " " " " " " " " "	2	2	2

PRICES DO NOT INCLUDE POSTAGE OR CARRIAGE



STAND GROUP

FRONT STAND

1	H412	Stand assembly, front	...	...	...	...	1	1	1
2	DS55	Bolt, front stand to guard	...	...	...	...	1	1	1
3	S1-51	Nut, " " " "	...	...	...	...	1	1	1
4	NS362	Nut, " " " " spigot	...	...	...	...	1	1	1
5	H424	Screw, " " " " pivot	...	...	...	...	2	2	2
6	S25-3	Washer, plain stand to guard pivot	...	...	...	...	2	2	2
7	H425	" spring " " " "	...	...	...	...	2	2	2

REAR STAND

8	F1834	Rear stand assembly	...	...	...	...	1	1	1
9	F975A	Spring, rear stand	...	...	...	...	1	1	1
10	F977	Bolt, " " " " pivot	...	...	...	...	2	2	2
11	VV630	Nut, " " " " bolt	...	...	...	...	2	2	2
12	F976	Washer, " " " " " "	...	...	...	...	2	2	2

INDEX TO ILLUSTRATION ON PAGE 44

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	H.405	42	15	29	H.413	43	36
	H.404	42	14	30	H.435	43	41
2	H.663A	42	7	31	H.695	42	13
3	H.432A	43	1	32	H.439	43	25
4	H.384	43	5		XS.8	43	26
	H.505	43	6	33	H.438	43	23
	H.385	43	4		H.433	43	24
5	H.657	42	20	34	H.407	43	31
6	H.570	42	16		H.406	43	30
7	H.518	42	17	36	H.379	42	9
8	H.382A	42	44	37	F.1760	42	8
9	H.390	42	39	38	S.1-51	42	12
10	H.415	42	34	39	H.660	42	10
11	H.428	54	7	40	H.536	43	32
12	H.519	42	35	41	H.397	43	15
13	H.430	42	36	42	H.399A	43	8
14	F.1760	42	37	43	H.454	43	11
15	H.379	42	38	44	H.453	43	10
16	H.414	42	33	45	H.452	43	9
17	H.441	42	43	46	F.879	43	12
18	H.431	42	42	47	H.394	43	13
19	H.391	42	40	48	H.395	43	14
20	H.445	42	41	49	E.1335	43	18
21	H.420	42	32	50	H.398	43	17
22	H.656	42	19	51	H.443	43	2
23	H.408	43	34	52	H.444	43	3
24	H.409	43	35	53	H.565	43	33
25	H.95	43	42	54	H.618	42	21
26	F.1718	43	38	55	H.519A	42	45
27	S.25-3	43	40	56	H.624	42	27
28	S.1-51	43	39	57	H.623	42	26

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

WHEELS

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; N/S or O/S.
(b) Whether head of spoke is toward or away from wheel centre.

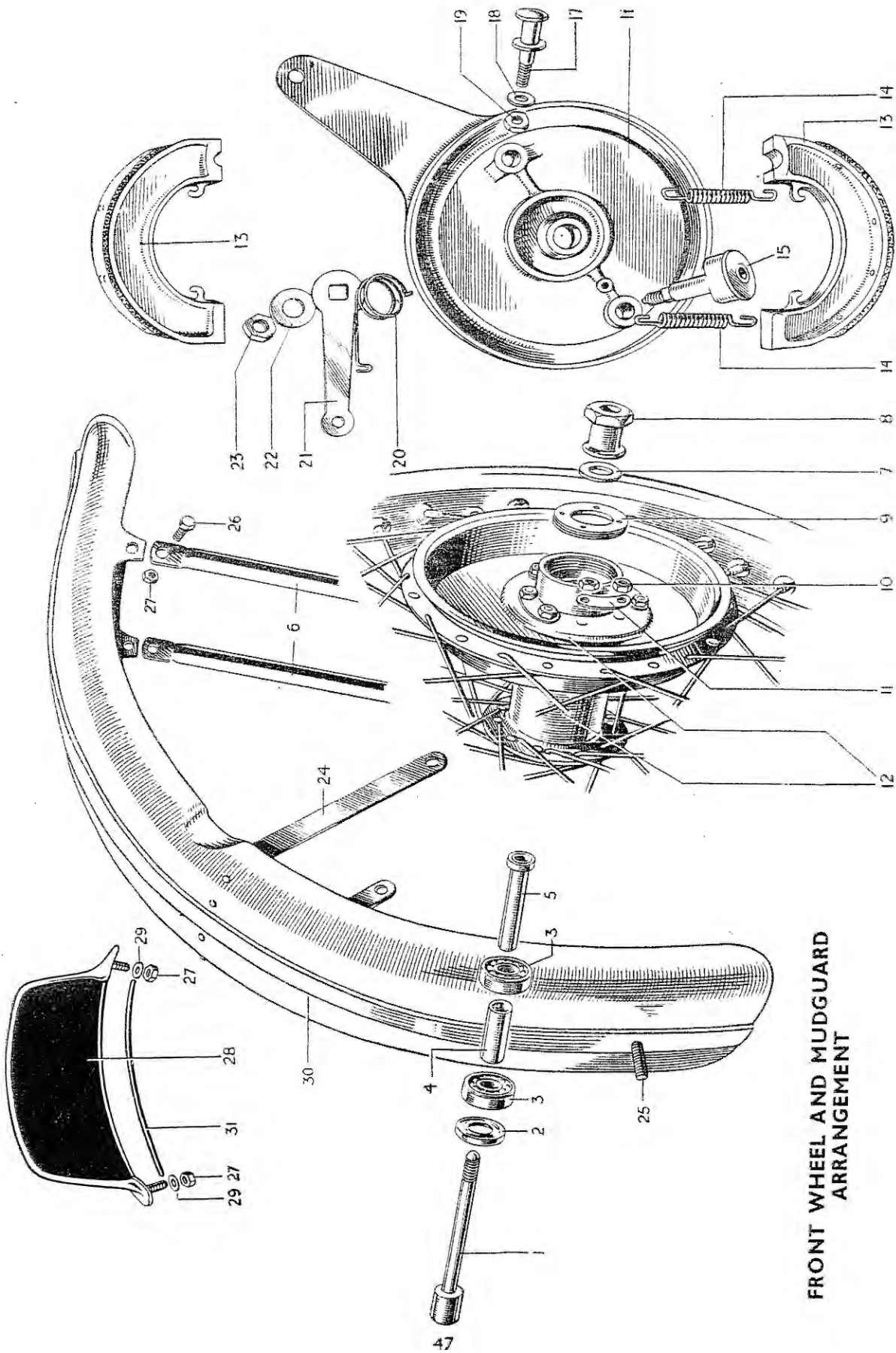
FRONT WHEEL GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	W571	Wheel, front, complete	1	1	1
2	W572	Wheel, front less bearing and brake assembly	1	1	1
3	W351	Rim, front wheel	1	1	1
4	W662	Spoke, short, $6\frac{13}{32}" \times 10G \times 83^\circ$, O.S. ...	10	10	10
5	W663	" " $6\frac{13}{32}" \times 10G \times 94^\circ$, O.S. ...	10	10	10
6	W660	" long, $8\frac{11}{32}" \times 10G \times 88^\circ$, N.S. ...	10	10	10
7	W661	" " $8\frac{11}{32}" \times 10G \times 90^\circ$, N.S. ...	10	10	10
8	S79-2	Nipple, spoke	40	40	40
9	W573	Hub, shell assembly	1	1	1
10	W576	Drum, brake assembly	1	1	1
11	W62	Bolt, brake drum	8	8	8
12	SI-51	Nut, brake drum bolt	8	8	8
13	W63	Lockplate, brake drum nut	4	4	4
14	W578	Spindle, front wheel hub	1	1	1
15	W761	Sleeve and collar, front wheel spindle ...	1	1	1
16	W544	Nut, " " " " " " ...	1	1	1
17	W545	Washer, " " " " " " ...	1	1	1
18	W653	Bearing, front wheel ball	2	2	2
19	W581	Distance piece, ball bearing	1	1	1
20	W582	Ring, ball bearing retaining	1	1	1
21	W583	Cap, ball bearing dust	1	1	1

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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	W.578	46	14	17	W.588	48	2
2	W.583	46	21	18	S.25-2	48	4
3	W.653	46	18	19	PO.172A	48	3
4	W.581	46	19	20	W.592	48	13
5	W.761	46	15	21	W.589	48	10
6	H.569	54	2	22	S.25-6	48	12
7	W.545	46	17	23	S.1-52	48	11
8	W.544	46	16	24	H.427	54	6
9	W.582	46	20	25	DS.55	45	2
10	S.1-51	46	12	26	DS.57	54	3
11	W.63	46	13	27	F.879	57	19
12	W.573	46	9	28	F.2698	57	18
13	W.93	48	5	29	S.26-2	57	20
14	W.135	48	8	30	H.566	54	1
15	W.386A	48	9	31	H.251	57	21
16	W.585	48	1				

THE PARAGRAPH ON SPOKE HEAD ANGLES IS IMPORTANT



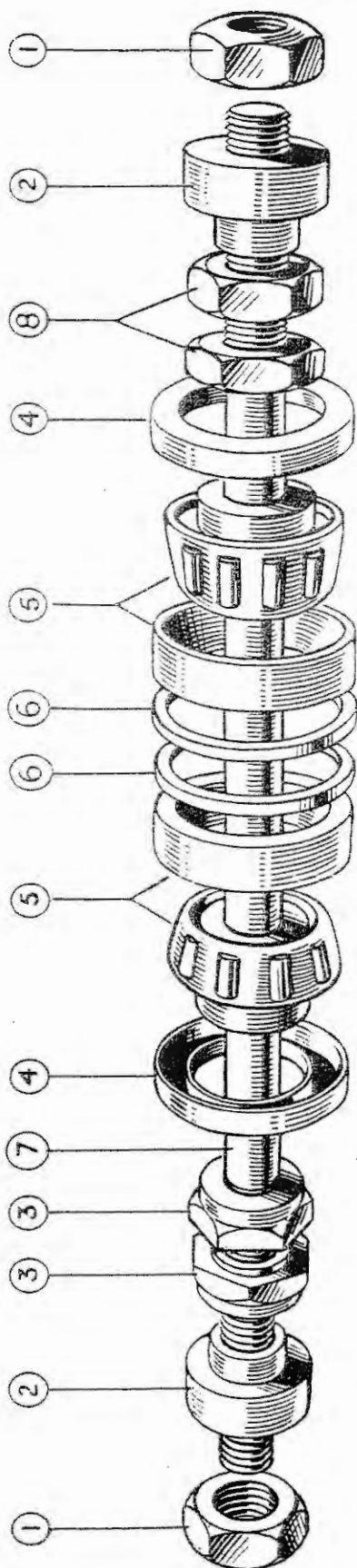
FRONT WHEEL AND MUDGUARD
ARRANGEMENT

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
FRONT WHEEL BRAKE					
1	W585	Plate, front brake anchor	1	1	1
2	W588	Pin, " " shoe fulcrum	1	1	1
3	PO172A	Nut, " " " " pin	1	1	1
4	S25-2	Washer, " " " " "	1	1	1
5	W93	Shoe, " " with lining	2	2	2
6	NW243	Lining, " " shoe	2	2	2
7	W129	Rivets, shoe lining	16	16	16
8	W135	Spring, brake shoe return	2	2	2
9	W386A	Cam assembly, brake	1	1	1
10	W589	Lever, front brake cam	1	1	1
11	SI-52	Nut, " " " lever	1	1	1
12	S25-6	Washer, " " " " nut	1	1	1
13	W592	Spring, " " " " return	1	1	1
14	WF32	Pin, " " lever pivot	1	1	1
15		Split pin, pivot pin, $\frac{1}{8}$ " \times $\frac{1}{2}$ "	1	1	1

REAR WHEEL GROUP

16	W863	Wheel, rear, complete	1	1	1
17	W860	Wheel, rear, less bearing and brake assembly	1	1	1
18	W79A	Rim, rear wheel	1	1	1
19	NW125X	Spoke, $8\frac{1}{4}$ " \times 9G \times 100°, N.S. and O.S.	20	20	20
20	NW125	Spoke, $8\frac{1}{4}$ " \times 9G \times 76°, N.S. and O.S.	20	20	20
21	TW5	Nipple, spoke	40	40	40
22	W861	Hub, shell assembly	1	1	1
23	W311	Drum, rear brake	1	1	1
24	W62	Bolt, rear hub to brake drum	8	8	8
25	SI-51	Nut, hub to brake drum bolt	8	8	8
26	W63	Lockplate, nut to brake drum bolt	8	8	8
27	W61	Spindle, rear wheel hub	1	1	1
28	TS42	Nut, " " " "	2	2	2
29	W7A	Bearing, rear wheel ball	2	2	2
30	NW225	Ring, bearing backing	2	2	2
31	W12	Cap, " dust	2	2	2
32	W6	Collar, taking thrust to chain adjuster	2	2	2
33	W4	Nut, rear bearing adjusting lock	2	2	2
34	W56	Sprocket, rear chain wheel 46T	1	1	1
35	W64	Bolt, " " " sprocket	8	8	8
36	E2312	Washer, " " " " shakeproof	8	8	8
37	D106	Bolt, tyre security	1	1	1

BRAKE SHOES PROMPTLY RELINED



INDEX

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	TS.42	48	28	5	W.7A	48	29
2	W.6	48	32	6	NW.225	48	30
3	W.5	50	3	7	W.61	48	27
4	W.12	48	31	8	W.4	48	33

REAR WHEEL (RIGID) AXLE ASSEMBLY

REAR WHEEL BRAKE

1	W765	Plate, rear brake anchor c/w brake shoes	...	...	1	1	1
2	W762	Plate, rear brake anchor ...	...	...	1	1	1
3	W5	Locknut, rear brake anchor plate	...	...	2	2	2
4	W764	Thrower, rear brake drum	...	...	1	1	1
5	W93	Shoe assembly, rear with lining	...	...	2	2	2
6	NW243	Lining, rear brake shoe	...	...	2	2	2
7	W129	Rivet, brake shoe lining	...	...	16	16	16
8	W135	Spring, ,, ,, return	...	...	2	2	2
9	NW234	Cam assembly, rear brake	...	...	1	1	1
10	W74A	Lever, rear brake cam	...	...	1	1	1
11	SI-52	Nut, ,, ,, ,, lever	...	...	1	1	1
12	W123	Spring, ,, ,, ,, return	...	...	1	1	1

REAR SPRING WHEEL GROUP

13	W879	Wheel, complete	...	...	—	1	1
14	W877	,, ,,	...	...	1	—	—
15	W645	,, less internals	...	...	1	1	1
16	W643	Rim	...	...	1	1	1
17	W644	Spoke	...	...	40	40	40
18	S79-2	Nipple	...	...	40	40	40
19	W600	Hub, shell assembly	...	...	1	1	1
20	W859	Drum, sprocket and brake	...	...	1	1	1
21	W641	Bolt, brake drum	...	...	8	8	8
22	F879	Nut, brake drum bolt	...	...	8	8	8
23	W642	Lockplate, brake drum bolt	...	...	4	4	4
24	W611	Race, outer	...	...	2	2	2
25	W610	Race, inner	...	...	2	2	2
26	W609	Ball, race caged assembly	...	...	2	2	2
27	W601	Plate, hub shell bearing end	...	...	1	1	1
28	W744	Shim, end plate	...	...	9	9	9
29	W640	Bolt, end plate to hub shell	...	...	10	10	10
30	E2312	Washer, end plate to hub shell bolt	...	...	10	10	10
31	F879	Nut, end plate to hub shell bolt	...	...	10	10	10
32	W884	Plunger guide box assembly	...	...	1	1	1

STATE FRAME NUMBER FOR SPRING WHEEL SPARES

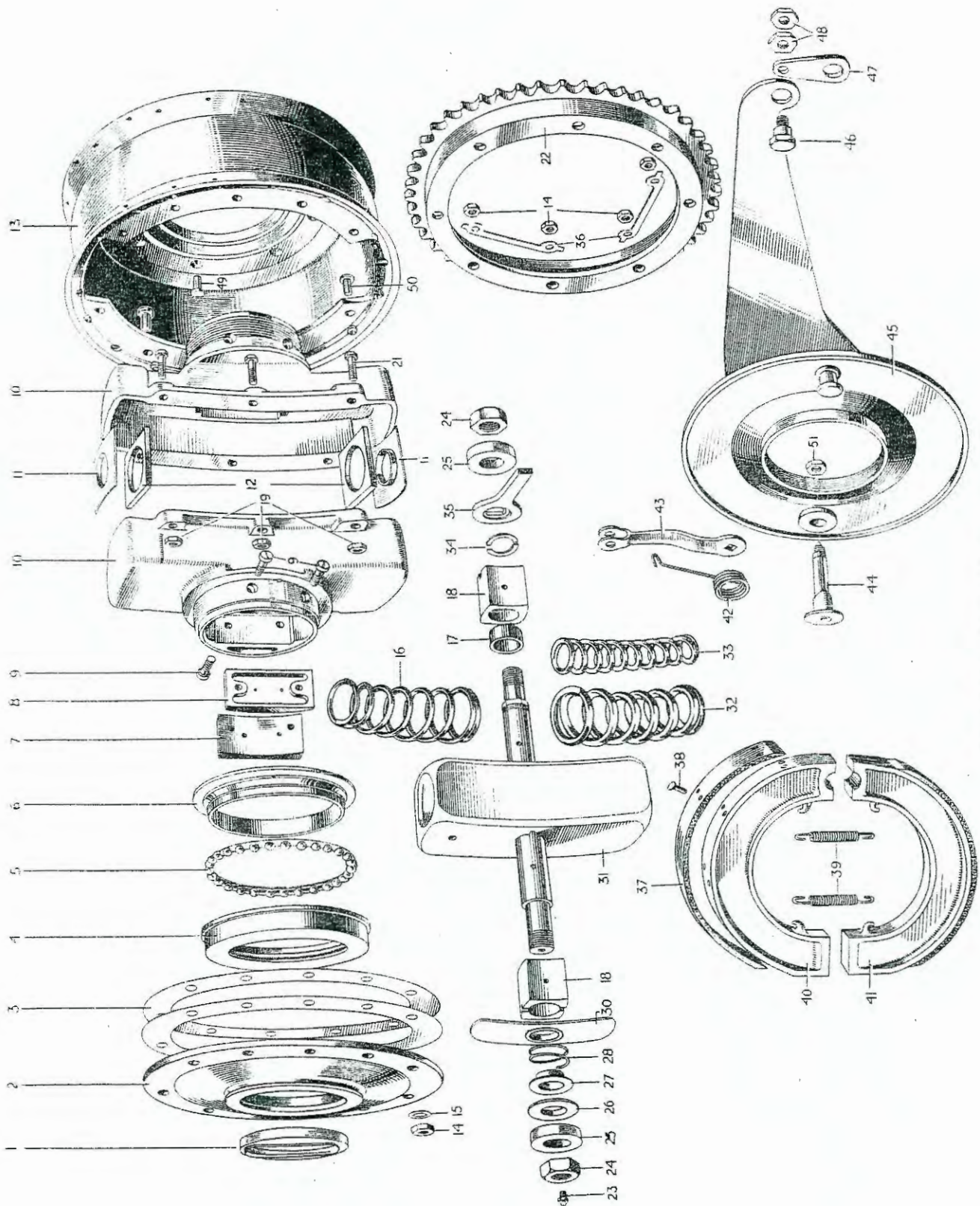
REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	W602A/3A	Box, plunger guide	1	1	1
2	*W885	Pad, front slipper (convex)	2	2	2
3	*W886	Pad, rear slipper (concave)	2	2	2
4	W866	Shim, slipper pad, .002" thick			
5	W867	" " " .003" "		As required	
6	W638	Screw, slipper pads	8	8	8
7	E.1562	Bolt, plunger guide box	2	2	2
8	T450	Bolt, clamp, plunger guide box	4	4	4
9	E2312	Washer, plunger guide box bolt	6	6	6
10	SI-40	Nut, plunger guide box bolt	6	6	6
11	W791A	Axle and guide	1	1	1
12	W616	Block, slipper	2	2	2
13	NWI00	Nipple, grease	1	1	1
14	W766	Sleeve, block to axle guide distance	1	1	1
15	W837	Spring, inner main	1	1	1
16	W836	Spring, outer main	1	1	1
17	W838	Spring rebound	1	1	1
18	W658A	Buffer, plunger	2	2	2
19	W664A	Locator plate, spring	2	2	2
20	W639	Lever, axle shaft anchorage	1	1	1
21	W634	Circlip, axle shaft, split	2	2	2
22	W798	Collar, axle shaft distance O.S.	1	1	1
23	W633	Collar, axle shaft	2	2	2
24	W635	Nut, axle shaft	2	2	2
25	W849	Ring, dust excluder fixing	2	2	2
26	W794	Plate, dust excluder	2	2	2
27	W799	Spring, " "	2	2	2
28	W797	Sleeve, dust excluder centre	2	2	2

REAR SPRING WHEEL BRAKE

29	W620	Plate, brake anchor	...	...	...	...	...	1	1	1
30	W853	" " "	...	...	...	...	...	1	1	1
31	W617	Shoe c/w lining, trailing brake	...	...	...	...	...	1	1	1
32	W618	Shoe c/w lining, leading brake	...	...	...	...	...	1	1	1
33	W631	Lining, brake	...	...	...	...	...	2	2	2
34	W129	Rivets, brake lining	...	...	...	...	...	16	16	16
35	W135	Spring, brake shoe return	...	...	...	...	...	2	2	2
36	W856	Cam, brake assembly	...	...	...	...	...	1	1	1
37	W74A	Lever, brake cam	...	...	...	...	...	1	1	1
38	SI-52	Nut, brake cam lever	...	...	...	...	...	1	1	1

*Hardened pads replacing the cast iron type part number W636/7, must be used in conjunction with the shims part numbers W866/7.

STATE FRAME NUMBER FOR SPRING WHEEL SPARES



TRIUMPH SPRING WHEEL

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	W123	Spring, brake cam return	1	1	1
2	W626	Link, brake anchorage	—	1	1
3	W855	" " "	1	—	—
4	W784	Bolt, brake anchorage link	1	1	1
5	W630	Locknut, brake anchorage bolt	2	2	2
6	W743	Nut, brake pedal spindle	1	1	1
7	$\frac{3}{32}$ " x 1"	Split pin, brake pedal spindle nut	1	1	1
8	F1015B	Rod, brake operating	—	1	1
9	F1015C	Rod, brake operating	1	—	—
10	D106	Bolt, tyre security	1	1	1

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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	W.849	51	25	28	W.799	51	27
2	W.601	50	27	30	W.794	51	26
3	W.744	50	28	31	W.791A	51	11
4	W.611	50	24	32	W.836	51	16
5	W.609	50	26	33	W.837	51	15
6	W.610	50	25	34	W.634	51	21
7	W.886	51	3	35	W.639	51	20
8	W.885	51	2	36	W.642	50	23
9	W.638	51	6	37	W.631	51	33
10	W.602A/3A	51	1	38	W.129	51	34
11	W.664A	51	19	39	W.135	51	35
12	W.658A	51	18	40	W.618	51	32
13	W.600	50	19	41	W.617	51	31
14	F.879	50	31	42	W.123	53	1
15	E.2312	50	30	43	W.74A	51	37
16	W.838	51	17	44	W.856	51	36
17	W.766	51	14	45	W.620	51	29
18	W.616	51	12		W.853	51	30
19	S.1-40	51	10	46	W.784	53	4
21	T.450	51	8	47	W.626	53	2
22	W.859	50	20		W.855	53	3
23	NW.100	51	13	48	W.630	53	5
24	W.635	51	24	49	W.641	50	21
25	W.633	51	23	50	W.640	50	29
26	W.798	51	22	51	S.1-52	51	38
27	W.797	51	28				

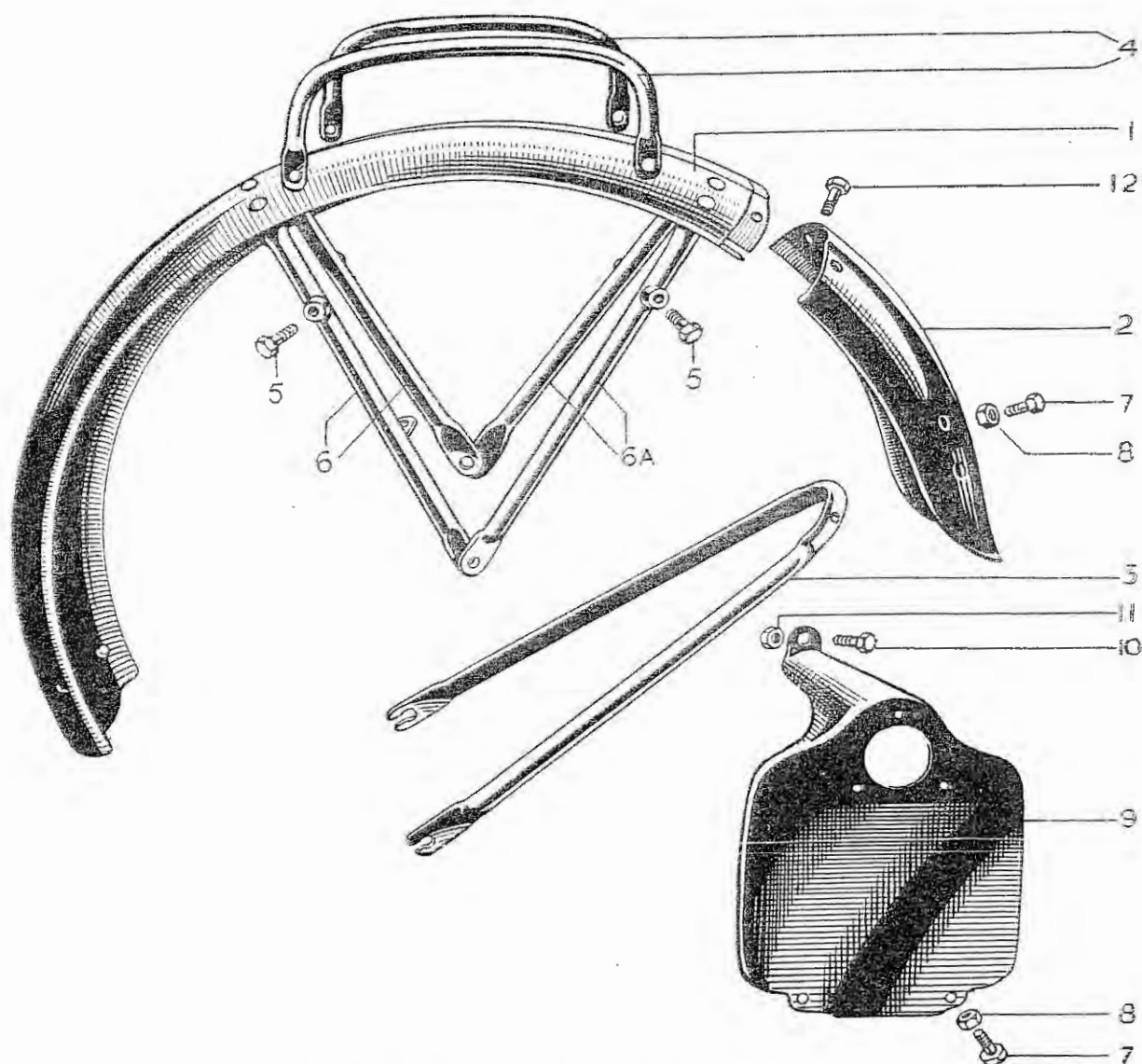
FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

MUDGUARD GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
FRONT MUDGUARD					
1	H566	Mudguard assy. less front stays ...	1	1	1
2	H569	Stay, mudguard front ...	2	2	2
3	DS57	Bolt, " " stay ...	2	2	2
4	F879	Nut, " " " ...	2	2	2
5	E1612	Washer, " " " ...	2	2	2
6	H427	Bridge, " support ...	1	1	1
7	H428	Clip, " " bridge ...	2	2	2
8	H426	Bolt, clip, N.S. ...	1	1	1
9	H451	Bolt, " O.S. ...	1	1	1
10	P0172A	Nut, " bolt ...	2	2	2
11	S26-1	Washer, clip bolt ...	2	2	2
12	F929	Bolt, mudguard stay to fork end ...	2	2	2
13	S26-3	Washer, " " " " " ...	2	2	2

REAR MUDGUARD (3T)

14	FI722	Mudguard assembly, rear ...	1	—	—
15	FI723A	Tailguard, rear mudguard ...	1	—	—
16	DS57	Bolt, tailguard, fixing ...	2	—	—
17	PF204	Clip, mudguard to frame ...	2	—	—
18	F444	Plate backing, to clip ...	2	—	—
19	S23-42	Screw, fixing plate to clip ...	4	—	—
20	S25-1	Washer, plate to clip screw ...	4	—	—
21	FI087	Stay, tailguard ...	1	—	—
22	FI369	Bolt, tailguard to stay ...	2	—	—
23	F879	Nut, " " " bolt ...	2	—	—
24	S26-2	Washer, " " " " ...	2	—	—
25	FI088	Stay, mudguard front ...	1	—	—
26	FI088A	" " middle ...	1	—	—
27	F946	Stud, mudguard stay to frame junction ...	2	—	—
28	F947	Nut, for junction stud ...	2	—	—
29	S25-65	Washer, " " " ...	2	—	—
30	NF733	Handle, lifting ...	2	—	—
31	F929	Bolt, lifting handle ...	4	—	—

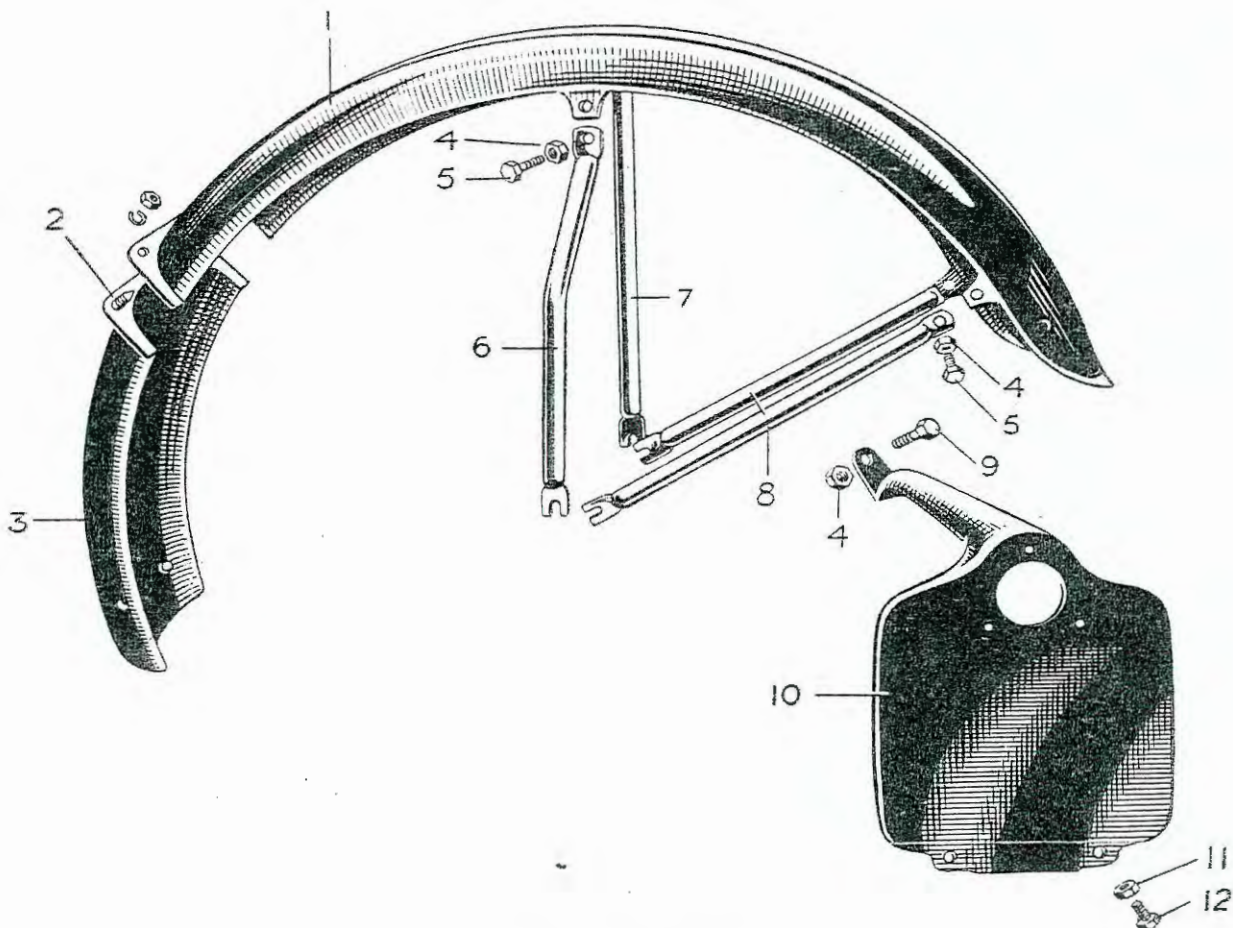


3T REAR MUDGUARD AND NUMBER PLATE

INDEX

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	F.1722	54	14	7	F.1369	54	22
2	F.1723A	54	15	8	F.879	54	23
3	F.1087	54	21	9	F.1822	57	22
4	NF.733	54	30	10	F.929	57	24
5	F.929	54	31	11	S.1-51	57	25
6	F.1088	54	25	12	DS.57	54	16
6A	F.1088A	54	26				

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS



**5T AND T100
REAR MUDGUARD AND NUMBER PLATE**

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Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	F.3012	57	2	7	F.2763	57	4
2	F.2908	57	13	8	F.2764	57	5
3	F.2756	57	1	9	F.929	57	24
4	S.1-51	57	8	10	F.2728	57	23
5	F.2335	57	6	11	F.879	57	28
6	F.2761	57	3	12	F.1369	57	27

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

PRIMARY CHAINCASE GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	T478A	Cover, chaincase outer	1	—	—
2	T480A	" " " " " " " " " "	—	1	1
3	NT367	Plug, " oil filler	1	1	1
4	NT376	Washer, " " " plug	1	1	1
5	PCE102F	Plug, , drain	1	1	1
6	WE170	Washer, chaincase drain plug	1	1	1
7	NT316	Dowel, " (footrest)	2	2	2
8	T725	Cover, " inner	1	—	—
9	T483	" " " " " " " " " "	—	1	1
10	T484	Plate, " oil retainer	1	1	1
11	T91	" " " " spring	1	1	1
12	T177A	Rivets, " " " " plate	2	2	2
13	T496	Adjuster, rear chain oiler	1	1	1
14	T497	Spring, " " " adjuster	1	1	1
15	T504	Washer, chaincase joint	—	1	1
16	T503	" " " " " " " " " "	1	—	—
17	T87	Distance piece, chain cover to frame	—	1	1
18	T200	" " " " " " " " " "	1	—	—
19	E427	Screw, chaincase cover (short)	9	9	9
20	E329	" " " (long)	3	3	3

CHAINGUARD GROUP

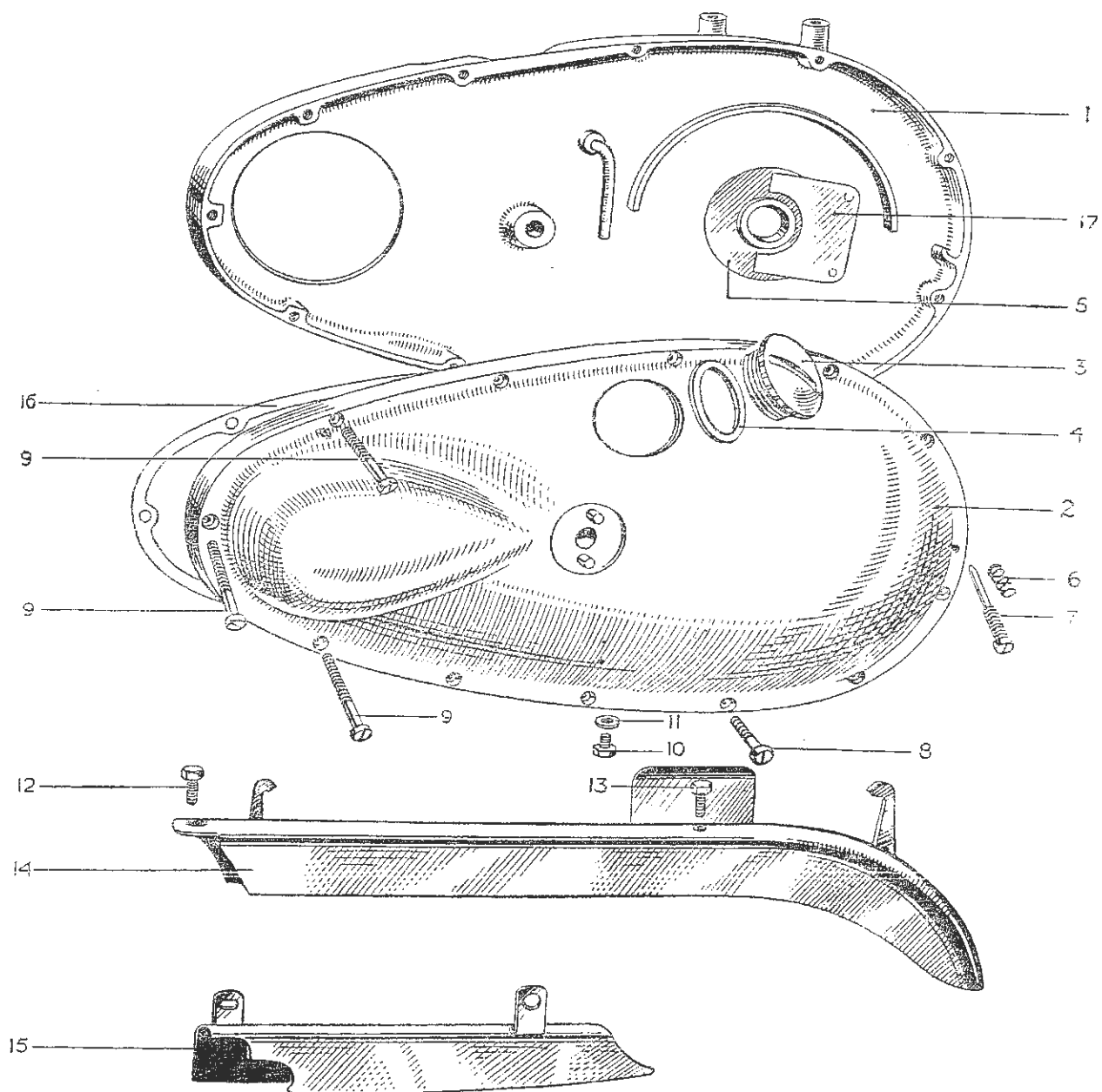
21	T148A	Chainguard, rear upper ...	...	...	...	1	—	1
22	T766	" " " " " "	...	...	...	—	1	1
23	DS57	Bolt, chainguard fixing, rear upper	...	...	...	1	1	1
24	S23-37	" " " front upper	...	...	...	1	1	1
25	S25-1	Washer, " bolt, front and rear	...	...	...	2	2	2
26	F1730	Chainguard, rear lower ...	...	...	...	1	1	1
27	F1369	Bolt, chainguard fixing lower front	...	...	...	1	1	1
28	F879	Nut, " " " " " "	...	...	...	1	1	1
29	S26-2	Washer, " " " " " "	...	...	...	1	1	1
30	F1760	Bolt, " " " rear	...	...	...	1	1	1
31	SI-52	Nut, " " " " bolt	...	...	...	1	1	1

(F1760 bolt and S1-52 nut used when pillion footrests are not fitted)

CHAIN GROUP

32	T376	Chain, primary, 74 links.	$\frac{1}{2}'' \times \frac{5}{16}''$	pitch	...	|	—	—
33	D120	„ „ solo, 78 links.	„	„	...	—	|	|
34	D121	„ „ sidecar, 77 links.	„	„	...	—	|	|
35	D69	„ rear 90 links.	$\frac{5}{8}'' \times \frac{3}{8}''$	„	...	|	—	—
36	D116	„ „ 93 „	„	„	...	—	|	|
37	110-046/49	Kit, primary chain spare parts			
38	110-056/59	Kit, rear „ „ „			

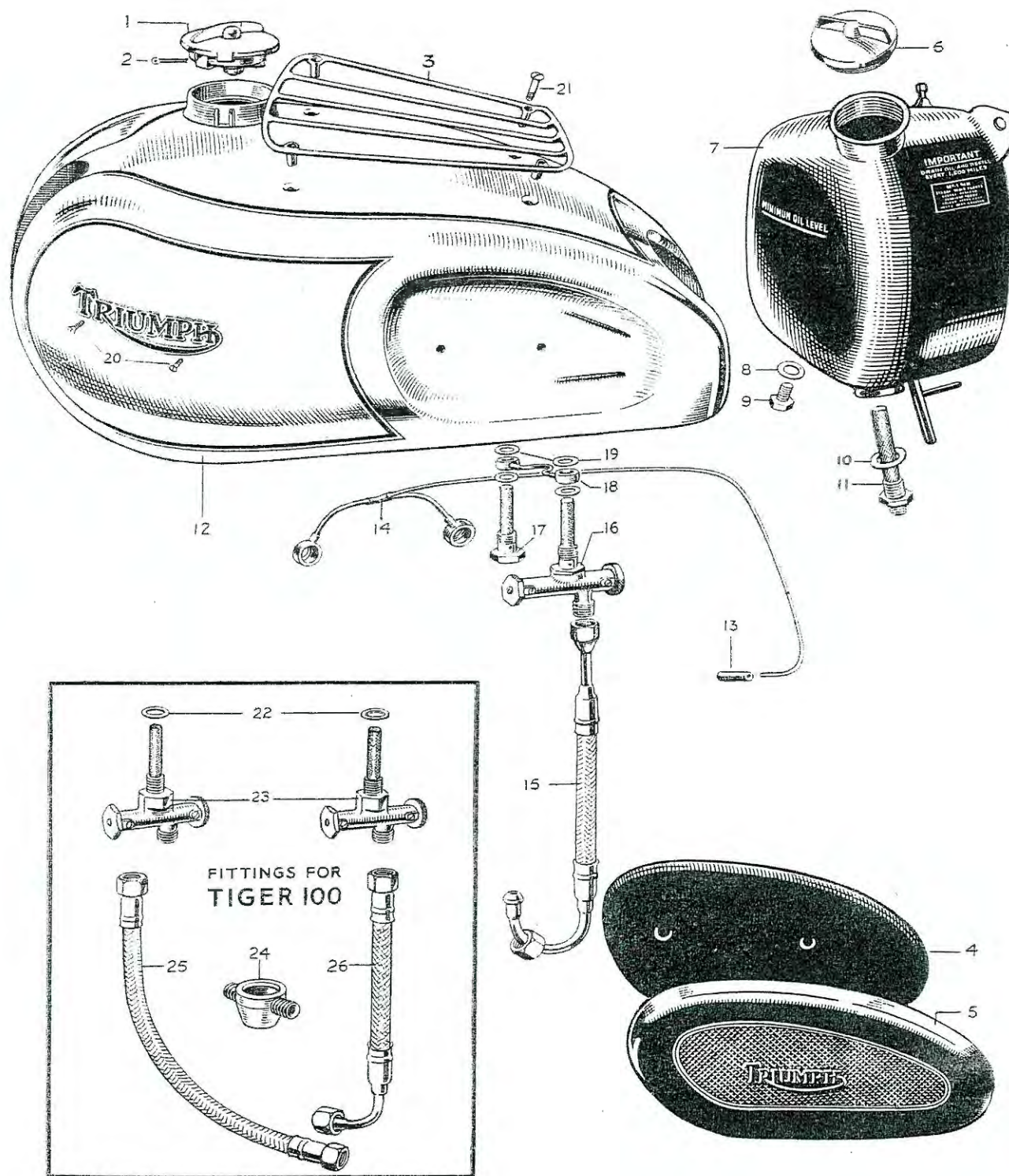
FRONT AND REAR CHAINCASES



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1	T.725	58	8	10	PCE.102F	58	5
	T.483	58	9	11	WE.170	58	6
2	T.478A	58	1	12	S.23-37	58	24
	T.480A	58	2	13	DS.57	58	23
3	NT.367	58	3	14	T.148A	58	21
4	NT.376	58	4		T.766	58	22
5	T.484	58	10	15	F.1730	58	26
6	T.497	58	14	16	T.503	58	16
7	T.496	58	13		T.504	58	15
8	E.427	58	19	17	T.91	58	11
9	E.329	58	20				

FRONT AND REAR CHAIN CASES



PETROL AND OIL TANKS WITH FITTINGS

TANK GROUP

REF. No. PART No. DESCRIPTION 3T 5T T100

PETROL TANK

NOTE:—It is important when ordering tank to state model of machine and finish.

1	F2964S	Tank, petrol	...	...	...	...	...	—	—	1
2	F2964R	" "	...	...	...	...	...	—	1	—
3	F2966B	" "	...	...	...	...	...	1	—	—
4	F1034	Cap assembly, petrol tank filler	...	...	...	...	...	1	1	1
5		Split pin, filler cap, 1" x $\frac{3}{16}$"	...	...	...	...	...	1	1	1
6	F1823	Name plate, petrol tank	...	...	...	...	...	—	—	2
7	F1823B	" " " "	...	...	...	...	...	—	2	—
8	F1823C	" " " "	...	...	...	...	...	2	—	—
9	F1915	Screw, name plate	...	...	...	...	...	4	4	4
10	F1717	Tap, petrol	...	...	...	...	...	1	—	2
11	F2124	" "	...	...	...	...	...	—	1	—
12	F1511	Washer for petrol tap	...	...	...	...	...	1	1	2
13	F1721	"U" pipe, petrol tap	...	...	...	...	...	1	—	—
14	F3059	Pipe, petrol feed	...	...	...	...	...	1	—	—
15	F3069	" " " "	...	...	...	...	...	—	1	—
16	F2918	" " " N.S.	...	...	...	...	...	—	—	1
17	F2919	" " " O.S.	...	...	...	...	...	—	—	1
18	F2958	Adaptor assembly, at carburettor	...	...	...	...	...	—	—	1
19	GS367	Washer, adaptor to carburettor	...	...	...	...	...	—	—	1
20	E2570	Washer, sleeve nut to adaptor	...	...	...	...	...	—	—	1
21	F2959	Sleeve, nut, adaptor	...	...	...	...	...	—	—	1

INDEX TO ILLUSTRATION ON PAGE 60

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	F.1034	61	4	14	E.1937A	25	24
2	$\frac{3}{16}$ " pin	61	5		E.1781	25	23
3	F.2933	62	18	15	F.3069	61	15
4	F.2552	62	6		F.3059	61	14
	F.1605	62	4	16	F.2124	61	11
5	F.2551	62	7		F.1717	61	10
	F.1606	62	5	17	F.2593	62	2
6	E.370A	62	22	18	F.2120	62	1
7	F.1645A	62	21	19	F.1511	61	12
8	PT.104B	62	25	20	F.1915	61	9
9	F.1792	62	24	21	F.2936	62	19
10	F.1713	62	33	22	F.1511	61	12
11	F.1838	62	32	23	F.1717	61	10
12	F.2964S	61	1	24	F.2958	61	18
	F.2964R	61	2	25	F.2919	61	17
	F.2966B	61	3	26	F.2918	61	16
13	E.1947	25	25				

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	F2120	Pipe, connecting assembly	—	1	—
2	F2593	Adaptor for connecting pipe	—	1	—
3	GS367	Washer, connecting pipe	—	3	—
4	F1605	Pad, knee grip, O.S.	1	—	—
5	F1606	" " " N.S.	1	—	—
6	F2552	" " " O.S.	—	1	1
7	F2551	" " " N.S.	—	1	1
8	F1607A	Plate, knee grip pad, O.S.	1	—	—
9	F1607	" " " " N.S.	1	—	—
10	T361	Screw, " " " " plate	4	—	—
11	F1953	" " " " " "	—	4	4
12	S25-1	Washer, " " " " " screw	—	4	4
13	F966	Bolt, petrol tank fixing	4	2	2
14	F1808	" " " " " front	—	2	2
15	S25-27	Washer, " " " " " bolt	4	4	4
16	F967	Pad, " " " " " rubber	8	6	6
17	F1813	" " " " " "	—	2	2

TANK PARCEL GRID

18	F2933	Grid, parcel	...	...	...	...	...	...	1	1	1
19	F2936	Screw, grid to tank	...	...	...	...	...	...	4	4	4
20	F3062*	Plug, screw	...	...	...	...	...	...	4	4	4

*To replace F2936 when Grid is not in use.

OIL TANK

21	FI645A	Tank, oil, complete, with screwed filler	...	...	1	1	1
22	E370A	Cap, oil tank filler	...	...	1	1	1
23	E1331	Washer, oil tank filler cap	...	...	1	1	1
24	FI792	Plug, " " drain	...	...	1	1	1
25	PT104B	Washer, " " plug	...	...	1	1	1
26	FI758	Tube, " " (rubber)	...	...	1	1	1
27	F929	Bolt, oil tank to bridge clip	...	...	1	1	1
28	FI213	" " " " seat tube clip	...	...	1	1	1
29	FI335	Distance piece, oil tank to seat tube bolt	...	...	1	1	1
30	FI682	Stud, oil tank to seat tube	...	...	1	1	1
31	SI-51	Nut, " " " " stud	...	...	1	1	1
32	FI838	Filter, oil tank	...	...	1	1	1
33	FI713	Washer, oil tank filter	...	...	1	1	1
34	FI919	Pipe, feed assembly, top half	...	...	1	1	1
35	S63-1	Union nut, feed pipe assembly	...	...	1	1	1
36	E1526	Oil pipes and block oil tank to engine	...	...	—	1	1
37	E2457	" " " " " " " "	...	...	1	—	—
38	E1529	Washer, oil pipe block joint	...	...	1	1	1
39	SI-51	Nut, oil pipe block	...	...	1	1	1
40	S25-3	Washer, oil pipe block stud	...	...	1	1	1
41	MF119	Connection, oil tank to oil pipe	...	...	2	2	2

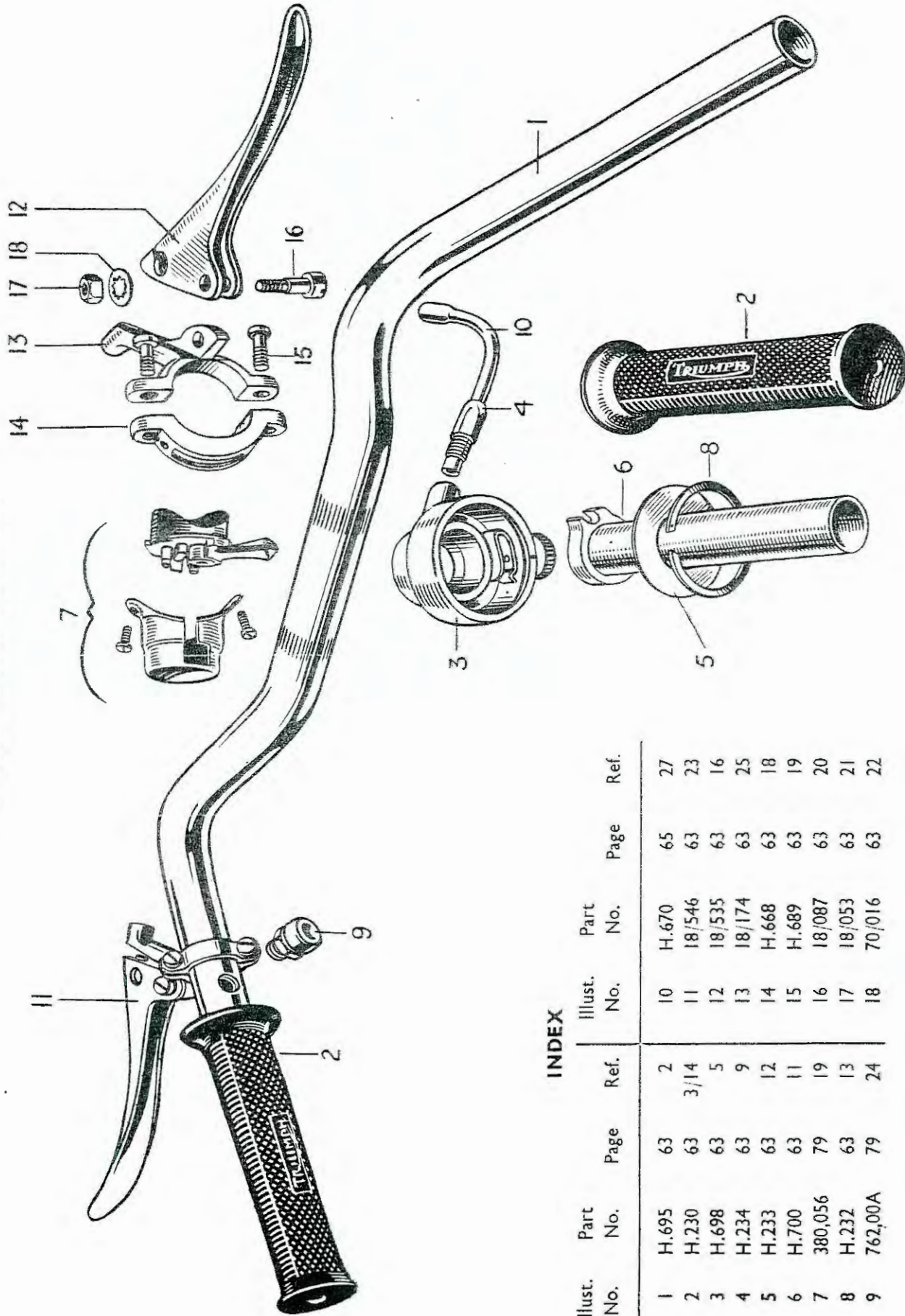
ALWAYS GIVE COLOUR WHEN ORDERING A TANK

HANDLEBAR GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
HANDLEBAR					
1	H696	Handlebar, complete with controls and twist grip ...	1	1	1
2	H659	Handlebar bend only	1	1	1
3	H230	Grip, dummy rubber, L.H.	1	1	1
THROTTLE CONTROL					
4	H697	Twist grip, assembly	1	1	1
5	H659	Head, assembly, twist grip	1	1	1
6	H665	Adjuster screw " "	1	1	1
7	H685	Spring, twist grip friction	1	1	1
8	H686	Spring, " " screw	1	1	1
9	H234	Thimble, " " cable	1	1	1
10	H237	Grub screw, twist grip	1	1	1
11	H700	Sleeve assembly, twist grip	1	1	1
12	H233	Plate, twist grip retaining	1	1	1
13	H232	Circlip " " plate	1	1	1
14	H230	Grip, " " rubber	1	1	1
FRONT BRAKE CONTROL					
15	18/599	Lever, control assembly	1	1	1
16	18/535	Lever only	1	1	1
17	18/174	Bracket, lever	1	1	1
18	H668	Clamp, bracket lever	1	1	1
19	H689	Screw, lever clamp	2	2	2
20	18/087	Pin, lever fulcrum	1	1	1
21	18/053	Nut, " " pin	1	1	1
22	70/016	Washer " " "	1	1	1
CLUTCH CONTROL					
23	18/546	Lever, control assembly	1	1	1
24	18/528	Lever only	1	1	1
25	18/174	Bracket, lever	1	1	1
26	12/044	Clamp, bracket lever	1	1	1
27	11/014	Screw, lever clamp	2	2	2
28	18/087	Pin, lever fulcrum	1	1	1
29	18/053	Nut, " " pin	1	1	1
30	70/016	Washer " " "	1	1	1
AIR CONTROL					
31	12/171	Lever assembly air control	1	1	1
32	12/017A	Lever, air	1	1	1
33	12/029	Bolt, centre	1	1	1
34	12/031	Cap, centre	1	1	1
35	12/033	Washer, spring	1	1	1
36	11/014	Screw, clip fixing	2	2	2
37	12/040	Clip, fixing	1	1	1

FIGURE IN MODEL COLUMN DENOTES QUANTITY PER MACHINE

HANDLEBARS AND CONTROLS



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1	H.695	63	2	10	H.670	65	27
2	H.230	63	3/14	11	18/546	63	23
3	H.698	63	5	12	18/535	63	16
4	H.234	63	9	13	18/174	63	25
5	H.233	63	12	14	H.668	63	18
6	H.700	63	11	15	H.689	63	19
7	380,056	79	19	16	18/087	63	20
8	H.232	63	13	17	18/053	63	21
9	762,00A	79	24	18	70/016	63	22

CONTROL CABLE GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
CLUTCH CABLE					
1	D203,X	Cable assembly, clutch	1	1	1
2	D203/W	Wire only, clutch	1	1	1
3	D203C	Casing only, clutch	1	1	1
4	D103	Ferrule, clutch casing	2	2	2
5	D81	Nipple, clutch wire (handlebar end)	1	1	1
6	DS73	Nipple (gearbox end)	1	1	1
7	DS74	Adjuster, clutch cable	1	1	1
8	W76	Locknut, clutch cable adjuster	1	1	1
FRONT BRAKE CABLE					
9	D223	Cable assembly, brake	1	1	1
10	D223W	Wire only, brake	1	1	1
11	D223C	Casing only, brake	1	1	1
12	H707	Sleeve, casing rubber	1	1	1
13	D103	Ferrule, brake casing	2	2	2
14	D81	Nipple, brake wire (handlebar end)	1	1	1
15	H446B	Tube, brake wire	1	1	1
16	W593	Fork end, brake wire	1	1	1
17	H447	Cable end, brake	1	1	1
18	W328A	Adjuster, cable	1	1	1
19	W591	Abutment, cable adjuster	1	1	1
20	W329	Thumb nut, cable adjuster	1	1	1
THROTTLE CABLE					
21	D224	Cable assembly, throttle	—	1	1
22	D226	" " "	1	—	—
23	D224W	Wire only, throttle	—	1	1
24	D226W	" " "	1	—	—
25	D224C	Casing only, throttle	—	1	1
26	D226C	" " "	1	—	—
27	H670	Guide tube, twist grip	1	1	1
28	D101	Ferrule, throttle casing	2	3	3
29	D83	Nipple, throttle (handlebar end)	1	1	1
30	NS191	Nipple, throttle	1	1	1
31	D104	Cable, adjuster assembly	—	1	1
32	XA69	Clip for cables	8	8	8
AIR CABLE					
33	D225	Cable assembly, air	1	1	1
34	D225W	Wire only, air	1	1	1
35	D225C	Casing only, air	1	1	1
36	D101	Ferrule, air casing	2	2	2
37	D83	Nipple, handlebar end	1	1	1
38	NS191	Nipple, carburettor end	1	1	1

SEE SPECIMEN ORDER IN PREFACE

REAR BRAKE CONTROL GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	F1153	Pedal, rear brake	1	1	1
2	F995	Rubber, brake pedal	1	1	1
3	F1149	Screw, " " stop	1	1	1
4	F879	Nut, " " " screw	1	1	1
5	F867	Spindle, " " " "	1	1	1
6	DS48	Nut, " " spindle to frame	1	1	1
7	SCZ45	Washer, brake pedal spindle to frame	1	1	1
8	S1-51	Nut, " " " pedal end	1	1	1
9	S25-2	Washer, " " " " " plain	1	1	1
10	S26-16	" " " " " " spring	1	1	1
11	F1015	Rod, brake operating, assembly	1	—	—
12	F1015A	" " " " " "	—	1	1
13	F1015B	" " " " " (spring wheel)	—	1	1
14	F1015C	" " " " " " " "	1	—	—
15	WF32	Pin, brake rod fork end pivot	1	1	1
16		Split pin, $\frac{1}{16}$ " \times $\frac{1}{2}$ "	1	1	1
17	W11	Pin, brake rod to cam lever hinge	1	1	1
18	NS372	Nut, brake rod adjusting	1	1	1

FOOTREST GROUP

19	F1731	Footrest, O.S.	1	1	1
20	F987	" " N.S.	1	1	1
21	NF704	Rubber, footrest	2	2	2
22	F1736	Tube, footrest support, O.S.	1	1	1
23	F991	Rod, footrest	—	1	1
24	F1092	" " " " " " " "	1	—	—
25	DS48	Nut, " " rod	2	2	2
26	S25-8	Washer, footrest rod, O.S. (plain)	1	1	1
27	F1081	Tube, distance, footrest rod	1	—	—
28	F862	" " " " " " " "	—	1	1

PILLION FOOTREST

29	F2312	Footrest assembly, pillion	2	2	2
30	F1694	Pedal, footrest	2	2	2
31	F1695	Rubber, " pedal	2	2	2
32	F2271	Bolt, " " pivot	2	2	2
33	S1-51	Nut, " " " bolt	2	2	2
34	F2277	Washer, " " " " " "	2	2	2
35	F2268	Hanger, " " N.S.	2	2	2
36	F1696	Stud, " " hanger	2	2	2
37	PO172A	Nut, " " " stud	2	2	2
38	S26-1	Washer, " " " " " "	2	2	2

LETTERS FORMING PART OF ENGINE NUMBER ARE IMPORTANT

SADDLE GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	F1897	Saddle complete	1	—	—
2	F1729T	" " " " " " " " " "	—	1	1
3	F1729D	Spring, saddle main coil	—	2	2
4	F1897D	" " " " " " " " " "	2	—	—
5	F1729F	" " Seat " 7 $\frac{3}{4}$ " " " " " "	As required		
6	F1729G	" " " " 7 $\frac{1}{2}$ " " " " " "	"	"	
7	F1729H	" " " " 7" " " " " "	"	"	
8	F1729I	" " " " 6 $\frac{5}{8}$ " " " " " "	"	"	
9	F1729J	" " " " 6 $\frac{1}{4}$ " " " " " "	"	"	
10	F1729A	Cover, saddle	—	1	1
11	F1897A	" " " " " " " " " "	1	—	—
12	F347	Stud, saddle spring to frame	2	2	2
13	W76	Nut, " stud	8	8	8
14	S25-2	Washer, " " " " " " " "	6	6	6
15	NA64J	Saddle nose nut and bolt	1	1	1

PROP STAND GROUP

16	F2611	Prop stand complete	1	—	—
17	F2612	" " " " " " " " " "	—	1	1
18	F2604	Lug, pivot	1	—	—
19	F2606	" " " " " " " " " "	—	1	1
20	F2607	Pin, swivel	1	1	1
21	F2608	Peg, spring anchorage	1	1	1
22	F2603	Bolt, lug clamp	2	1	1
23	F2605	" " " " " " " " " "	—	1	1
24	F2913	Leg, prop stand	1	1	1
25	F2610	Spring, leg tension	1	1	1

SIDECAR ATTACHMENTS GROUP

26	F2587	Lug, bottom front connection	—	1	1
27	F2602	" " " " " (export R.H.)	—	1	1
28	F1746	Nut, " " " sleeve	—	2	2
29	F2600	Bolt, " " " " " " " "	—	1	1
30	F1747	Nut, " " " " bolt	—	1	1
31	F2601	Lug, rear connection	—	1	1
32	F1743	Stud, " " " " " " " "	—	2	2
33	S1-5	Nut, " " " stud	—	2	2
34	KF365	Washer, " " " " " " " "	—	2	2

REAR CARRIER GROUP

35	F2278	Carrier, rear	—	1	1
36	F2856	Bridge, carrier	—	2	2
37	F2857	Plate, " backing	—	2	2
38	D557	Bolt, " " " " " " " "	—	8	8
39	E1612	Washer, " " " " " " " "	—	8	8
40	F879	Nut, " " " " " " " "	—	8	8

PILLION SEAT GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	NF761	Seat, pillion, complete	1	1	1
2	S23-42	Bolt, pillion seat fixing	4	4	4
3	S4-9	Nut, " " bolt	4	4	4
4	S25-1	Washer, " " "	4	4	4

TOOL BOX GROUP

5	FI692A	Tool box, complete	...	...	...	...	...	1	1	1
6	FI735	Ring, sealing	...	...	...	...	...	1	1	1
7	Z1	Fastener, assembly	...	...	...	...	...	1	1	1
8	FI700	Clip, toolbox to frame	...	...	...	...	...	2	1	1
9	FI699	" " " frame	...	...	...	...	...	—	1	1
10	DS57	Bolt, " " " " clip	...	...	...	...	...	2	2	2
11	F879	Nut, " " " " " bolt...	...	...	...	...	...	2	2	2
12	S26-2	Washer " " " " " "	...	...	...	...	...	2	2	2

TOOL KIT GROUP

13	DA71	Tool roll complete	...	...	...	...	...	—	—	—
14	D209	" " "	...	...	...	...	...	|	|	|
15	DA72	Spanner, .920" × 1.010", open	...	...	...	...	...	|	|	|
16	KA50	" .375" × .338", "	...	...	...	...	...	|	|	|
17	NA55	" .600" × .525", "	...	...	...	...	...	|	|	|
18	DA16	" .820" × .712", "	...	...	...	...	...	|	|	|
19	NA66	" .600" × .448", closed	...	...	...	...	...	|	|	|
20	PA57	" .919" × 1.011", "	...	...	...	...	...	|	|	|
21	PA60	" box, complete	...	...	...	...	...	|	|	|
22	D215	" 1/4" Whit. hex., closed	...	...	...	...	...	|	—	—
23	DA5	" rocker adjusting screw	...	...	...	...	...	|	|	|
24	NA65	" .448" hex. × .218" sq.	...	...	...	...	...	—	|	|
25	PA56	" combination	...	...	...	...	...	|	|	|
26	DA21	Bar, tommy	...	...	...	...	...	|	|	|
27	DA87	Spanner, sparking plug	...	...	...	...	...	|	|	|
28	DA70	Key, clutch adjusting	...	...	...	...	...	|	|	|
29	DA50/1	Extractor, clutch centre	...	...	...	...	...	|	|	|
30	NA12	Gun, grease	...	...	...	...	...	|	|	|
31	NA14A	Lever, tyre	...	...	...	...	...	|	|	|
32	PA55	Screwdriver	...	...	...	...	...	|	|	|
33	I67	Extractor, chain rivet (not included in tool kit)	...	...	...	...	...	|	|	|
34	WA58	Roll, tool	...	...	...	...	...	|	|	|
35	D49	Inflator, tyre	...	...	...	...	...	|	|	|

AIR FILTER GROUP

36	29206	Filter, air ... ..	|	|
37	29671	Element, filter cover and ... ..	|	|
38	F2874	Sleeve, carburettor to filter ... ..	|	—
39	F2875	" " " " ... ..	—	|
40	F2872	Connection, sleeve to filter (rubber) ... ..	|	—
41	F2873	" " " "	—	—

SEE SPECIMEN IN PREFACE

SPEEDOMETER GROUP

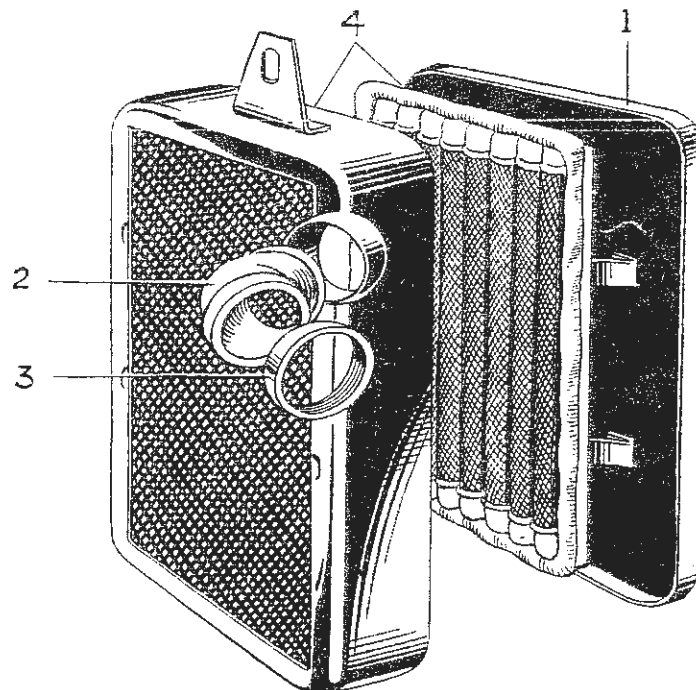
REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	S467/19	Speedometer 120 m.p.h. trip, head only	—	1	1
2	S467/17	„ 80 m.p.h. trip, head only	1	—	—
3	S467/21	„ 140 kilo trip, head only	1	—	—
4	S467/23	„ 180 kilo „ „ „	—	1	1
5	DS40	Bracket, speedometer mounting	1	1	1
6	DS57	Screw, speedometer mounting bracket	2	2	2
7	S26-2	Washer, speedometer mounting bracket	2	2	2
8	P53279, 1	Bulb holder complete, speedometer	1	1	1
9	P52305	Bulb, speedometer	1	1	1

SPEEDOMETER DRIVE FROM GEARBOX

10	T810	Gearbox, speedometer drive	1	1	1
11	T752	Pinion 28T	1	1	1
12	T753	Gear wheel 23T	1	1	1
13	T756	Screw	2	2	2
14	D176B	Cable, speedometer (49" long)	1	1	1

SPARKING PLUG GROUP

15	F80	Plug, sparking (K.L.G.)	—	—	2
16	H14	Plug, sparking (Lodge)	—	2	—
17	L10S	Plug, sparking (Champion)	2	—	—
18	D105	Cover, sparking plug	2	2	2



INDEX FOR AIR FILTER

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	29671	68	37	3	F.2874	68	38
2	F.2872	68	40		F.2875	68	39
	F.2873	68	41	4	29205	68	36

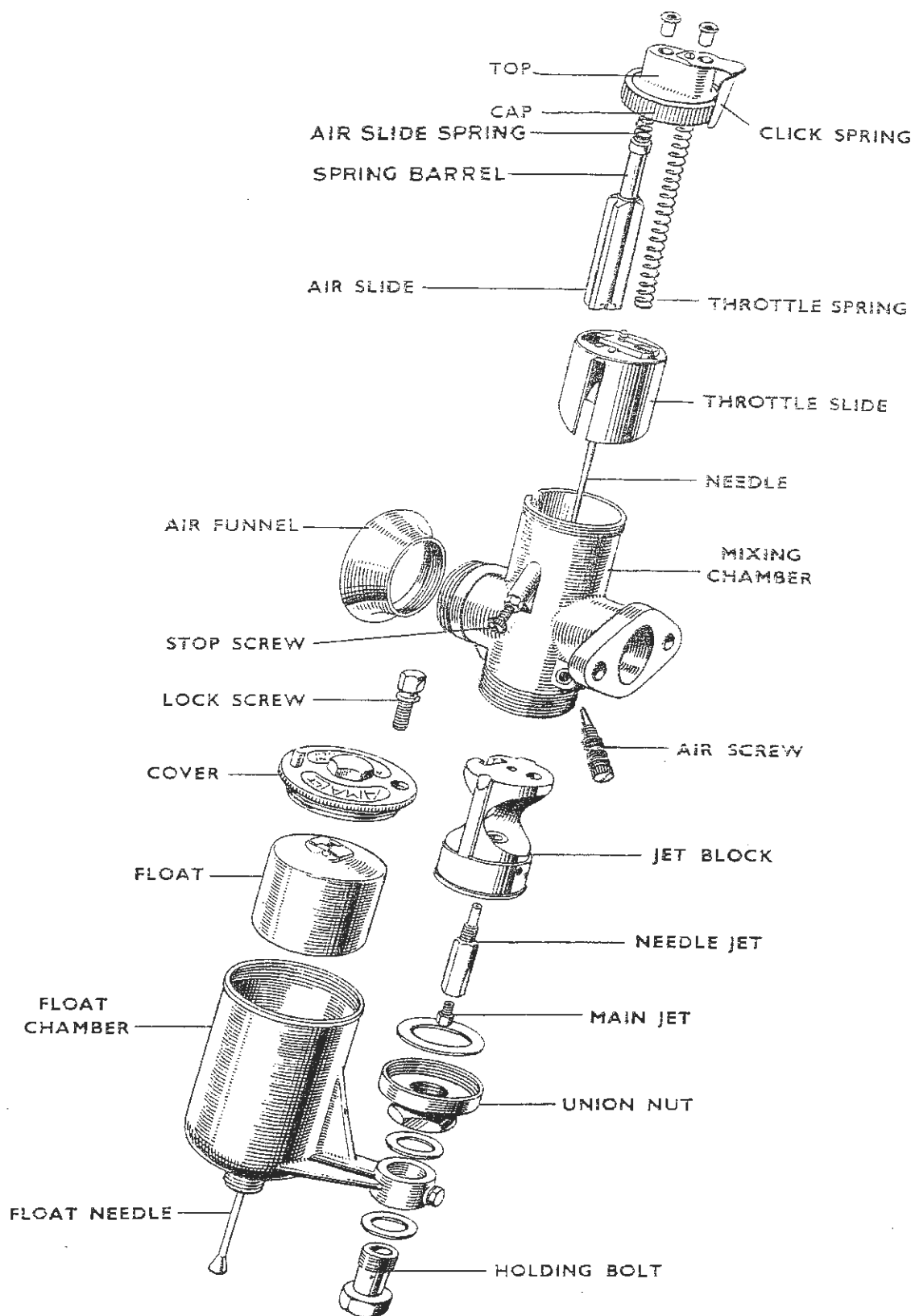
CARBURETTOR GROUP

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	275AQ/1A	Carburettor complete	1	—	—
2	276DK/1AT	" "	—	1	—
3	276DL/1AT	" "	—	—	1
4	275/145R	Chamber, mixing	1	—	—
5	276/410R	" "	—	1	—
6	276/411	" "	—	—	1
7	4/032B	Top, mixing chamber	1	—	—
8	6/403	Top, " "	—	1	1
9	4/031	Cap, mixing chamber	1	—	—
10	6/031	" " " "	—	1	1
11	4/062	Nut, mixing chamber union	1	—	—
12	6/062	" " " "	—	1	1
13	4/235	Spring, mixing chamber cap	1	—	—
14	4/276	" " " "	—	1	1
15	4/241	Screw, mixing chamber cap spring	1	1	1
16	5/045	Valve, air	1	—	—
17	6/045	Valve, " "	—	1	1
18	4/046	Spring, air valve	1	1	1
29	5/047	Guide, " "	1	—	—
20	6/047	Guide, " "	—	1	1
21	5/052/5/4	Valve throttle	1	—	—
22	6/052/6/3/1/2	" "	—	1	1
23	4/263	Spring, throttle valve	1	1	1
24	4/063	Screw, throttle valve adjusting	1	1	1
25	16/010	Nut, throttle valve adjusting screw	1	1	1
26	13/129	Screw, air adjusting	1	1	1
27	4/148	Spring, air adjusting screw	1	1	1
28	4/042	Jet, main No. 120	1	—	—
39	4/042	" " " 140	—	1	—
30	†4/042	" " " 150	—	—	1
31	205/058R	Block, jet	1	—	—
32	206/057R	" "	—	1	—
33	206/058R	" "	—	—	1
34	4/040	Washer, jet block	1	—	—
35	6/040	" " " "	—	1	1
36	4/061	Jet, for needle (.107)	1	1	1
37	5/065	Needle for jet (No. 5)	1	—	—
38	6/065	" " " (No. 6)	—	1	1
49	4/230	Clip, jet needle	1	1	1
40	4/043	Bolt, holding	1	1	1
41	4/053	Washer, holding bolt	2	2	2
42	*204/038R	Tube, air intake	1	—	—
43	*206/038R	" " " "	—	1	1
44	4/035	Adjuster, throttle cable	1	—	—
45	1A	Chamber, float (complete)	1	—	—
46	1AT	" " (")	—	1	1

†For maximum power use 160 main jet and disconnect air filter.

*Bell mouthed air intake, not used with air filter.

ENGINE NUMBER IS IMPRESSED ON DRIVING SIDE OF CRANKCASE



AMAL CARBURETTOR PARTS

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	64/156	Body, float chamber	1	—	—
2	64/192	" " "	—	1	1
3	14/208	Cover, " "	1	1	1
4	14/021	Lock-screw, float cover	1	1	1
5	14/015	Float	1	1	1
6	14/024	Needle, valve	1	1	1
7	14/209	Tickler	1	1	1
8	14/210	Stop, tickler	1	1	1
9	14/032	Spring, "	1	1	1
10	14/289	Cotter, "	1	1	1
11	13/153	Screw, platform plug	1	1	1
12	14/039	Washer, platform plug screw	1	1	1
13	14/178	Locknut, seating	1	1	1
14	14/175	Washer, seating locknut	1	1	1
15	14/042	Nut, petrol union	1	1	1
16	14/026	Nipple, petrol union	1	1	1
17	NA48	Washer, carburettor flange	1	—	—
18	NA43	" " "	—	1	—
19	NA43A	" " "	—	—	1

MAGNETO (B.T.H.) GROUP

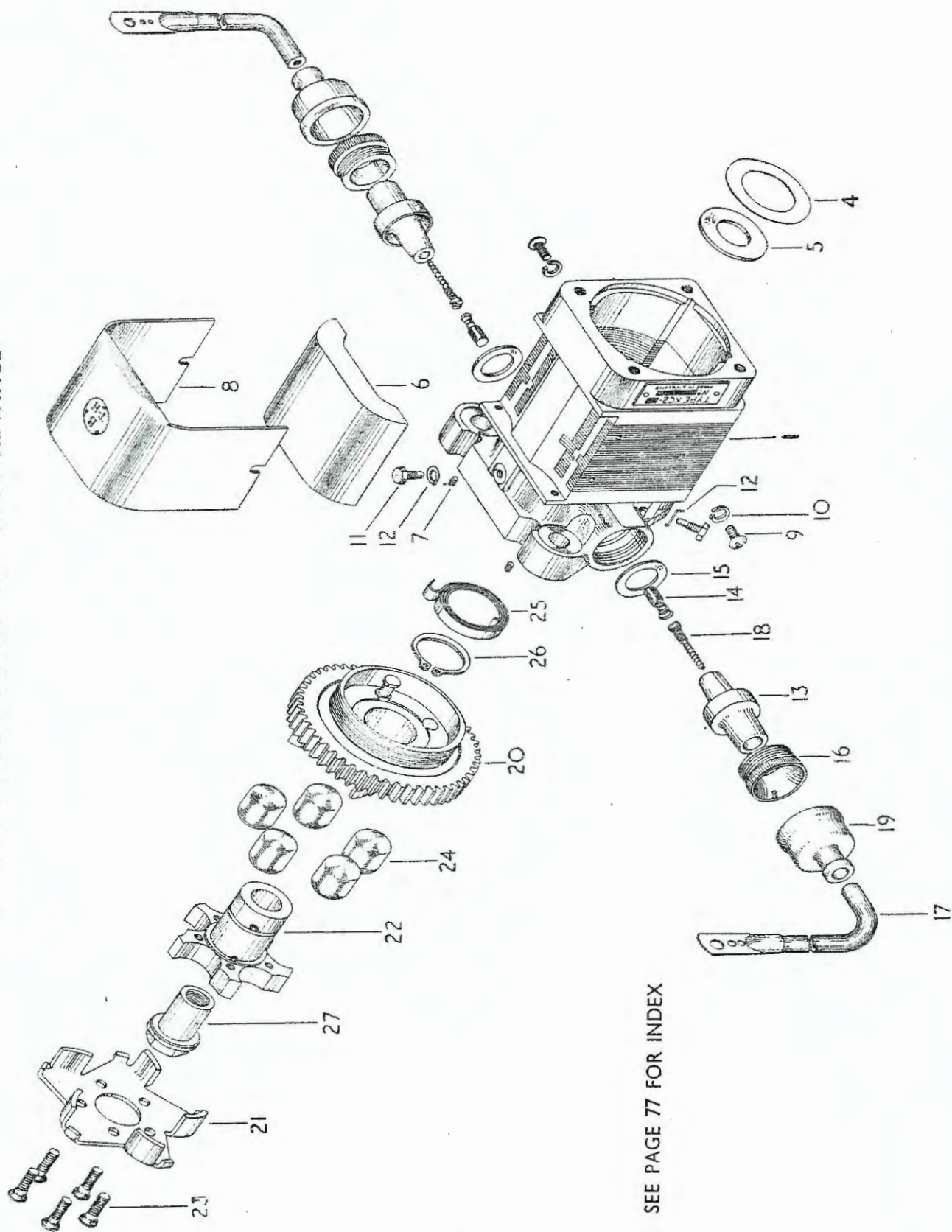
20	D152	Magneto, less auto advance	1	1	1
21	CZ87157-G2	Housing, magneto main	1	1	1
22	SKC741-G1	Ball race	2	2	2
23	SKC6123-1	Insulation washer, ball race	2	2	2
24	CR22186-1	Washer, bearing adjusting	1	1	1
25	CR22315-1	Washer, oil retaining	1	1	1
26	CR23042-1	Magnet	1	1	1
27	SKC6245-1	Screw, magnet locating	2	2	2
28	SKC24291-1	Cover, magnet	1	1	1
29	3BA $\frac{1}{16}$ " Rd. Hd.	Screw, magnet cover fixing	2	2	2
30	SKC9952-8	Washer, magnet cover fixing	2	2	2
31	CR23290-1	Screw, safety gap	1	1	1
32	SKC67991-1	Tab, safety gap screw locking	1	1	1
33	SKC87159-G1	Holder, collector brush	2	2	2
34	SKC6306-G2	Collector brush and spring	2	2	2
35	CR87404-1	Washer, collector holder sealing	2	2	2
36	CR87160-1	Nut, collector holder ring	2	2	2
37	CZ60707-G19	Cable, H.T.	2	2	2
38	SKC6397-1	Screw, H.T. cable securing	2	2	2
39	E2415	Clip, H.T. cable	1	1	1
40	CR87403-1	Ferrule, collector holder rubber	2	2	2
41	CY50495-G1	Armature c/w condenser and end plate	1	1	1
42	SKC6115-1	Screw, armature end plate to core	4	4	4
43	SKC6111-1	Dowel, armature end plate locating	1	1	1

DO NOT FORGET TO SIGN YOUR ORDER

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	SKC6114-1	Screw, armature end plate securing ...	4	4	4
2	SKC6112-1	Dowel, armature end plate locating ...	1	1	1
3	CY52078-G3	Condenser, assembly ...	1	1	1
4	SKC6636-1	Insulation, condenser (large) ...	2	2	2
5	SKC6637-1	Insulation, condenser (small) ...	2	2	2
6	4BAX $\frac{1}{8}$ "ch.hd.	Screw, condenser securing ...	2	2	2
7	SKC9952-6	Washer, condenser screws ...	2	2	2
8	CR20776-1	Bush, condenser insulating ...	1	1	1
9	SKC6612-G1	Slip ring ...	1	1	1
10	SKC6122-1	Washer, slip ring, plain ...	1	1	1
11	SKC6180-1	Washer, slip ring, spring ...	1	1	1
12	CR20774-1	Ring, reinforcing ...	1	1	1
13	CX1883-G24	Contact breaker L.H. complete ...	1	1	1
14	SKC74955-G2	Base and check spring assembly, contact breaker ...	1	1	1
15	CZ63472-G2	Lever contact and springs ...	1	1	1
16	SKC6215-1	Spring, contact breaker run forcing ...	2	2	2
17	SKC6208-1	Screw, contact breaker spring ...	2	2	2
18	CR29708-1	Wick, contact breaker lever ...	1	1	1
19	SKC23903-G1	Contact, adjustable screw ...	1	1	1
20	SKC6216-1	Nut, adjustable screw contact ...	1	1	1
21	SKC9952-8	Washer, adjustable screw contact ...	1	1	1
22	SKC6235-1	Block, contact screw locating ...	1	1	1
23	SKC6213-1	Strip, insulating block ...	1	1	1
24	SKC6209-1	Screw, block securing ...	1	1	1
25	SKC6210-1	Bush, screw insulating ...	1	1	1
26	SKC6212-1	Bush, block centre ...	1	1	1
27	SKC6219-G1	Brush and spring contact breaker earthing ...	1	1	1
28	SKC6214-1	Spring, contact breaker main ...	1	1	1
29	CR29487-1	Screw, contact breaker securing ...	1	1	1
30	CZ61580-1	Cover complete, contact breaker ...	1	1	1
31	SKC28537	Cover only, contact breaker ...	1	1	1
32	CR89533-1	Bush, contact breaker, cover insulating ...	1	1	1
33	CR29456-1	Strip, contact breaker, cover insulating ...	1	1	1
34	CR29455-1	Strip, contact breaker cover contact ...	1	1	1
35	CR29459-1	Terminal, contact breaker cover contact ...	1	1	1
36	4BA Strd.	Washer, contact breaker terminal, plain ...	3	3	3
37	SKC9952-6	Washer, contact breaker terminal, spring ...	2	2	2
38	CR26513	Nut, contact breaker terminal, lock ...	1	1	1
39	CR89927-1	Nut, contact breaker terminal, knurled ...	1	1	1
40	SKC88939-6	Washer, contact breaker terminal knurled nut ...	1	1	1
41	CR28540-1	Washer, contact breaker cover sealing ...	1	1	1
42	CR28571-1	Screw, contact breaker cover securing ...	3	3	3
43	SKC9952-6	Washer, contact breaker cover screw ...	3	3	3
44	SKC33650	Cam, ring ...	1	1	1
45	SKC6344-1	Wick, cam lubricating ...	1	1	1
46	SKC28544-G3	Housing, cam ring ...	1	1	1
47	2BAx $\frac{1}{8}$ "inst.hd.	Screw, cam ring housing ...	4	4	4
48	SKC88939-20	Washer, cam ring housing lock ...	4	4	4
49	CR26381-1	Screw, timing stop ...	1	1	1

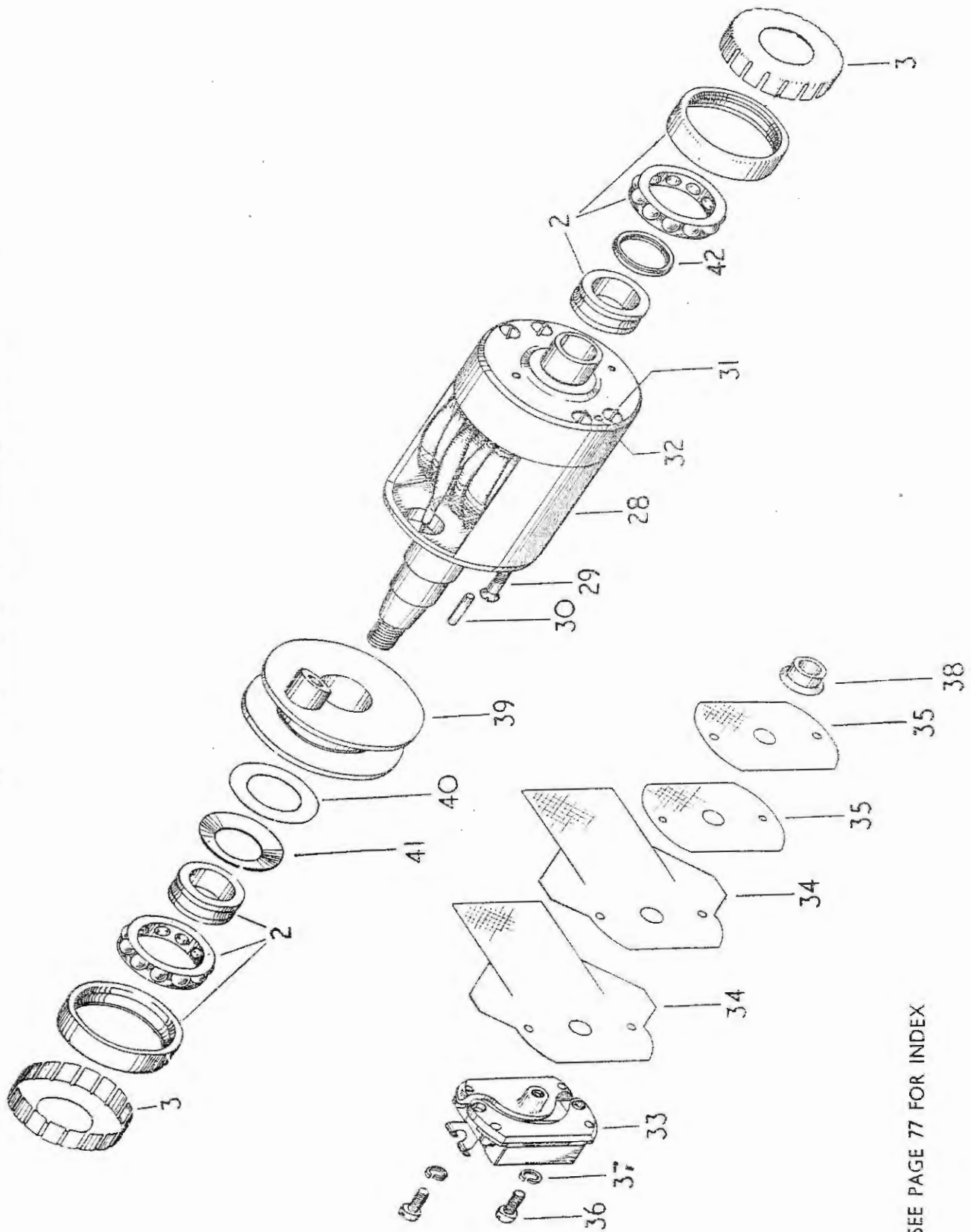
ALWAYS QUOTE PART NUMBER

B.T.H. MAGNETO HOUSING AND AUTO ADVANCE



SEE PAGE 77 FOR INDEX

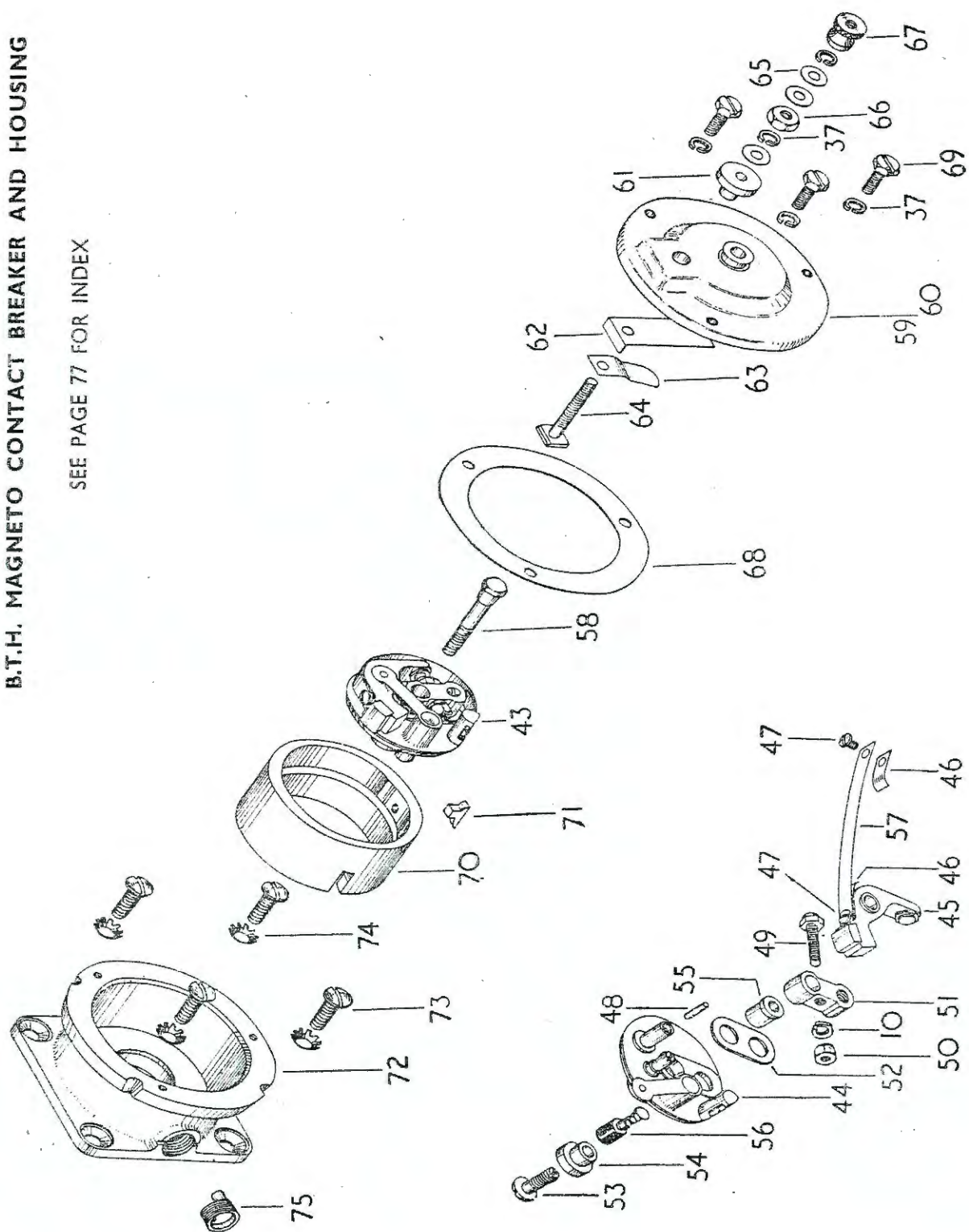
B.T.H. MAGNETO ARMATURE AND CONDENSER



SEE PAGE 77 FOR INDEX

B.T.H. MAGNETO CONTACT BREAKER AND HOUSING

SEE PAGE 77 FOR INDEX



REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	SKC35711-G2	Gear, auto advance	1	1	1
2	SKC33845-1	Plate, auto advance driving	1	1	1
3	SKC33847-1	Hub, auto advance	1	1	1
4	CR35704-1	Screw, plate to hub securing	5	5	5
5	CR35706-1	Roller, auto advance	5	5	5
6	CR35707-1	Spring, auto advance main	1	1	1
7	CR35709-1	Circlip, auto advance main spring	1	1	1
8	CR35705-1	Nut, auto advance securing	1	1	1

INDEX TO ILLUSTRATIONS ON PAGES 74 TO 76

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	CZ.87157-G2	72	21	39	SKC.6612-G1	73	9
2	SKC.741-G1	72	22	40	SKC.6122-1	73	10
3	SKC.6123-1	72	23	41	SKC.6180-1	73	11
4	CR.22186-1	72	24	42	CR.20774-1	73	12
5	CR.22315-1	72	25	43	CX1883-G24	73	13
6	CR.23042-1	72	26	44	SKC.74955-G2	73	14
7	SKC.6245-1	72	27	45	CZ.63472-G2	73	15
8	SKC.24291-1	72	28	46	SKC.6215-1	73	16
9	3BA x $\frac{5}{16}$ " rd. hd.	72	29	47	SKC.6208-1	73	17
10	SKC.9952-8	72	30	48	CR.29708-1	73	18
11	CR.23290-1	72	31	49	SKC.29303-G1	73	19
12	SKC.6799-1	72	32	50	SKC.6216-1	73	20
13	SKC.87159-G1	72	33	51	SKC.6235-1	73	22
14	SKC.6303-G2	72	34	52	SKC.6213-1	73	23
15	CR.87404-1	72	35	53	SKC.6209-1	73	24
16	CR.87160-1	72	36	54	SKC.6210-1	73	25
17	CZ.60707-G19	72	37	55	SKC.6212-1	73	26
18	SKC.6397-1	72	38	56	SKC.6219-G1	73	27
19	CR.87403-1	72	40	57	SKC.6214-1	73	28
20	SKC.35711-G2	77	1	58	CR.29487-1	73	29
21	SKC.33845-1	77	2	59	CZ.61580-1	73	30
22	SKC.33847-1	77	3	60	SKC.28537	73	31
23	CR.35704-1	77	4	61	CR.89533-1	73	32
24	CR.35706-1	77	5	62	CR.29456-1	73	33
25	CR.35707-1	77	6	63	CR.29455-1	73	34
26	CR.35709-1	77	7	64	CR.29459-1	73	35
27	CR.35705-1	77	8	65	4BA Std.	73	36
28	CY50495-G1	72	41	66	CR.26513	73	38
29	SKC.6115-1	72	42	67	CR.89927-1	73	39
30	SKC.6111-1	72	43	68	CR.28540-1	73	41
31	SKC.6114-1	73	1	69	CR.28571-1	73	42
32	SKC.6112-1	73	2	70	SKC.33650	73	44
33	CY.52078-G3	73	3	71	SKC.6344-1	73	45
34	SKC.6636-1	73	4	72	SKC.28544-G3	73	46
35	SKC.6637-1	73	5	73	2BA x $\frac{1}{2}$ " hd.	73	47
36	4BA x $\frac{1}{16}$ " ch. hd.	73	6	74	SKC.88939-20	73	48
37	SKC.9952-6	73	7	75	CR.26381-1	73	49
38	CR.20776-1	73	8				

FOR IDENTIFICATION OF PARTS SEE PAGE 6 FOR INSTRUCTIONS

LUCAS ELECTRICAL EQUIPMENT GROUP

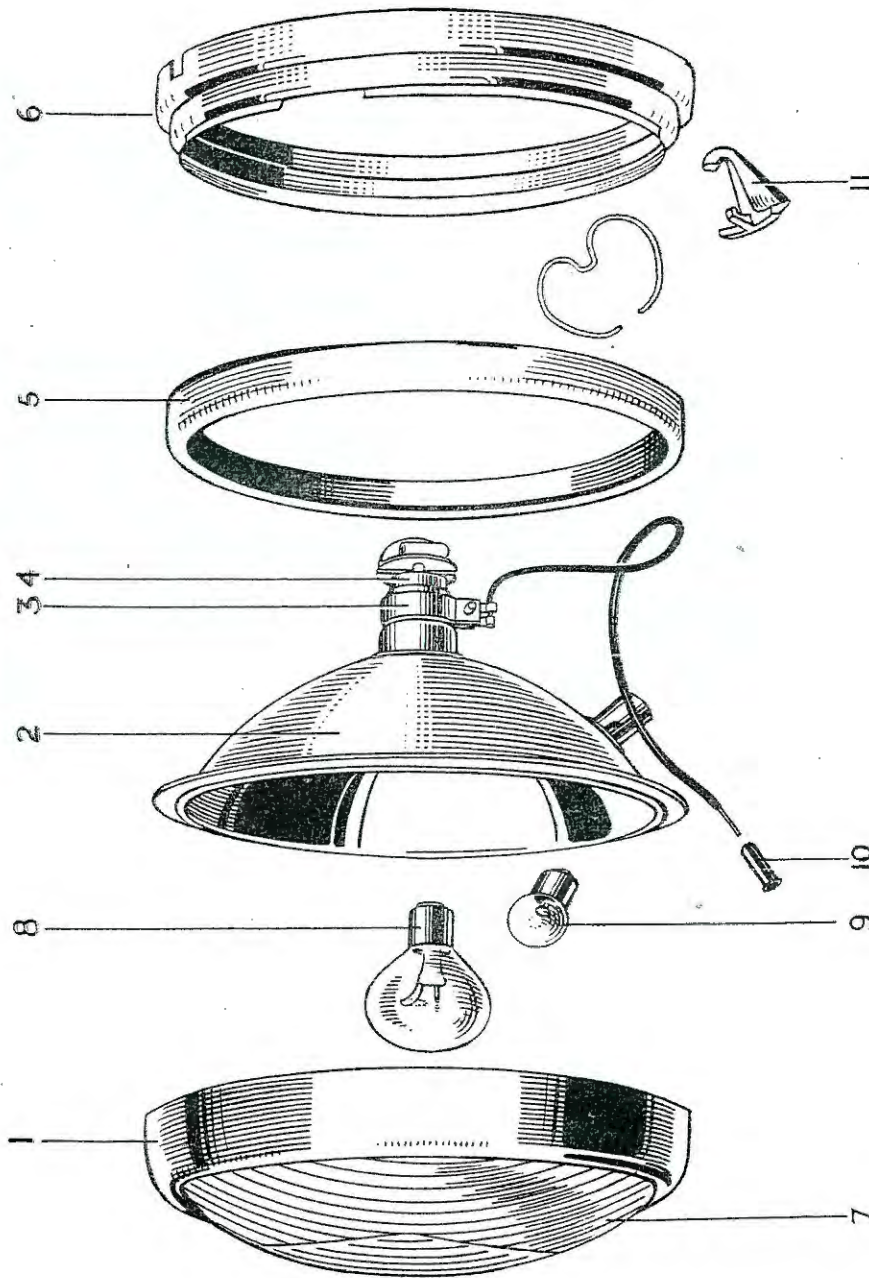
REF. No.	PART No.	DESCRIPTION	3T	5T	T100
DYNAMO (TYPE E3H RD ANTI-CLOCK)					
1	200,03A	Dynamo, complete	1	1	1
2	200,572	Armature assembly	1	1	1
3	200,270	Commutator end c/w bush	1	1	1
4	200,231	Bush, commutator end	1	1	1
5	200,354	Cover, commutator end	1	1	1
6	200,607	Bracket assembly, driving end	1	1	1
7	189,307	Ball-race, driving end	1	1	1
8	200,641	Seal, end plate with oil	1	1	1
9	200,609	Band, cover assembly	1	1	1
10	188,818	Nipple, cable fixing	2	2	2
11	200,598	Plate, clamp	1	1	1
12	115,850	Screw, clamp plate fixing	1	1	1
13	200,227	Bolt, through fixing	2	2	2
14	165,078	Nut, " " bolt	2	2	2
15	188,330	Washer, " " "	2	2	2
16	188,320	Washer, shakeproof	2	2	2
17	200,290	Brush set	1	1	1
18	200,079	Spring set, bush	1	1	1
19	189,386	Key, Woodruff	1	1	1
20	E2451	Pinion, dynamo	1	1	1
21	111,700	Screw, " pinion	1	1	1
22	188,378	Washer, " " screw	1	1	1
23	E2228	Nut (dome), dynamo to gearcase	1	1	1
24	E2414	Stud, dynamo fixing	1	1	1
25	E2226	Washer, " to crankcase joint	1	1	1
26	E2230	Strap, " fixing	1	1	1
27	460025	Swivel, " strap	2	2	2
28	112450	Screw, " "	2	2	2
CUT-OUT AND REGULATOR UNIT					
29	33018A	Regulator, complete	1	1	1
30	390,380	Cover, cut-out	1	1	1
31	390,461	Clip, cover spring	1	1	1
32	390,386	Strap, regulator fixing	1	1	1
HEAD LAMP (M42CPR)					
33	50777A	Headlamp	1	1	1
34	516298	Ring lamp fixing	1	1	1
35	H689	Screw, fixing ring to nacelle	3	3	3
36	H690	Nut, " " " "	3	3	3
37	509487	Rim only	1	1	1
38	550875	Glass	1	1	1
39	553147	Reflector assembly	1	1	1
40	553065	Bead, rubber joint	1	1	1
41	500291	Wire, glass fixing	4	4	4
42	509936	Catch assembly, rim	1	1	1
43	504801	Holder assembly, main bulb	1	1	1
44	551807	Clip and screw, bulb holder	1	1	1
45	552258	Screw, bulb holder clip	1	1	1

ALWAYS QUOTE PART NUMBER

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	500181	Interior, pilot bulb	1	1	1
2	188156	Nipple, cable fixing	1	1	1
3	200	Bulb, pilot	1	1	1
4	168	„ main	1	1	1
TAIL LAMP					
5	530,09A	Tail lamp MT110	1	1	1
6	526,111	Base assembly, less bulb	1	1	1
7	526,112	Body assembly, with glass	1	1	1
8	200	Bulb	1	1	1
9	571,395	Connector	1	1	1
10	106,460	Screw, tail lamp	3	3	2
11	165,334	Nut, tail lamp screw	3	3	3
CABLE HARNESS					
12	993,921A	Harness, cable assembly	1	1	1
13	993923	„ dyno. to regulator	1	1	1
14	993928	„ horn and cut-out	1	1	1
NACELLE INSTRUMENT PANEL					
15	351,584A	Switch, lighting	1	1	1
16	351,567	Lever, switch, with screw	1	1	1
17	361,29A	Ammeter	1	1	1
18	310,71A	Button, cut-out	1	1	1
DIMMER SWITCH					
19	380,056	Switch, dimmer	1	1	1
BATTERY					
20	PUW7E/4	Battery, 6 volt (dry)	1	1	1
21	S2263/4	Plug vent, c/w washer	3	3	3
HORN					
22	700,48A	Horn, Altette, HF1235	1	1	1
23	701851	Bracket, horn	1	1	1
24	762,00A	Push, horn button	1	1	1
MAGNETO (LUCAS TYPE K2F-RO)					
25	42111B	Magneto c/w auto advance	1	1	1
26	458333	Armature assembly	1	1	1
27	455361	Slip ring	1	1	1
28	189291	Bearing (C.B.E. and D.E.)	2	2	2
29	458339	Condenser assembly	1	1	1
30	458619	Cover, contact breaker	1	1	1
31	470534	Contact breaker assembly	1	1	1
32	122160	Screw, contact breaker fixing	1	1	1
33	470609	Contact breaker set	1	1	1
34	470688	Spring set	1	1	1
35	470537	Brush and spring, C.B. earth	1	1	1
36	458613	Spring pillar, C.B. cover securing	1	1	1
37	100020	Screw, C.B. end plate fixing	1	1	1
38	185037	Washer, „ „ „ „	1	1	1
39	458355	„ „ „ „ shim	1	1	1
40	458356	„ „ „ „	1	1	1
41	458389	Cam assembly	1	1	1

SEE SPECIMEN ORDER IN PREFACE

HEADLAMP



INDEX

Illust. No.	Part No.	Page	Ref.	Illust. No.	Part No.	Page	Ref.
1	509,487	78	37	7	550,875	78	38
2	553,147	78	39	8	168	79	4
3	551,807	78	44	9	200	79	8
4	504,801	78	43	10	188-156	79	2
5	553,065	78	40	11	509,936	78	42
6	516,298	78	34				

REF. No.	PART No.	DESCRIPTION	3T	5T	T100
1	458633	End plate assembly	1	1	1
2	465129	Cup, bearing, insulating	2	2	2
3	455191	Brush, spring and holder (magneto earth)	1	1	1
4	455190	Brush and spring	1	1	1
5	458370	Spring pin, pick up fixing	2	2	2
6	458375	Seal, rubber oil	1	1	1
7	458644	Pick up with brush and spring (LH)	1	1	1
8	458643	" " " " " " (RH)	1	1	1
9	451260	Brush and spring, pick up	2	2	2
10	47502A	Auto advance unit	1	1	1
11	498157	Spring, auto advance	2	2	2
12	415116	Spanner and point gauge	1	1	1
13	E2415	Clip, H.T. lead	1	1	1

WHEN IN DOUBT SEND SAMPLE

GASKET SETS

Including all necessary Gaskets for decarbonising and front fork drain and pressure valve screw washers. Cylinder head and primary chaincase Gaskets are supplied separately.

GS350T/48	...	...	"	"	"	3T
GS5T/46	...	...	"	"	"	5T
GST100/46	...	...	"	"	"	T100

GEAR RATIOS

STANDARD RATIO					WIDE RATIO			
Engine Sprocket	Top	3rd	2nd	1st	Top	3rd	2nd	1st
17	6.46	7.75	11.35	16.40	6.46	9.36	14.83	19.82
18	6.10	7.33	10.50	15.50	6.10	8.84	14.00	18.70
19	5.80	6.95	10.0	14.70	5.80	8.40	13.30	17.80
20	5.50	6.60	9.5	14.0	5.50	7.96	12.62	16.88
21	5.24	6.28	9.05	13.3	5.24	7.60	12.02	16.08
22	5.00	6.0	8.65	12.7	5.00	7.25	11.48	15.34
23	4.78	5.75	8.26	12.1	4.78	6.93	11.00	14.70
24	4.57	5.49	8.03	11.6	4.57	6.63	10.49	14.03
25	4.40	5.28	7.73	11.0	4.40	6.38	10.12	13.51

CLOSE RATIO

Engine Sprocket	Top	3rd	2nd	1st
17	6.46	7.08	9.32	11.20
18	6.10	6.68	8.78	10.58
19	5.80	6.35	8.35	10.08
20	5.50	6.025	7.92	9.54
21	5.24	5.74	7.55	9.08
22	5.00	5.48	7.20	8.67
23	4.78	5.24	6.88	8.26
24	4.57	5.01	6.58	7.93
25	4.40	4.82	6.34	7.63

PARTS REQUIRED TO CONVERT

FROM STANDARD TO WIDE RATIO				FROM WIDE TO STANDARD RATIO			
T465	...	Mainshaft High Gear		T726	...	Mainshaft High Gear	
T467	...	" 2nd "		T727	...	" 2nd "	
T466	...	Layshaft High "		T434	...	Layshaft High "	
T468	...	" 2nd "		T436	...	" 2nd "	

FOR CLOSE RATIO GEARS SEE PAGES 7 AND 36

COPY OF GUARANTEE GIVEN TO TRIUMPH DEALERS

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 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 frame 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.

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