

THE

Velocette

Models "MOV & MAC" SPARE PARTS LIST.

FOR PRICES SEE SEE SEPARATE LIST.

A copy of this book is supplied with each machine at time of purchase. Further copies are charged at 6d. each post free.

VELOCE LIMITED
HALL GREEN WORKS • YORK RD
HALL GREEN • BIRMINGHAM (11)

Telephone: SPRingfield 1145/6/7.

Telegrams: "Veloce, Birmingham."

SPECIAL NOTE.

Owing to certain Parts having been added and existing Parts superceded by others after the illustrations had been completed a few items are not included in the plates, Reference should however be made to the description in the Text in all cases as the illustrations are provided as guidance only and are not necessarily exact reproductions, and in the case of Gears and Sprockets the number of teeth shown may not be correct.

INTRODUCTION.

The prompt despatch of spares depends to a very large extent upon the co-operation of customers when ordering. To avoid the delay involved through orders having to be referred back for more information customers are urged to observe the following suggestions :

1. Write clearly on one side of the paper only, keep order separate from any request for technical or other information (which must always be on a separate sheet) and do not omit full address and name.
2. Give the Serial letters of engine, frame and gearbox with numbers. The numerals alone are insufficient.
3. Always give part numbers accurately—this is more important than the description of parts. Where stated in list give lengths (e.g. of spokes, rubber hose, etc.) Also always state number of teeth on sprockets, or gears.

The following is an example of a correctly worded order :—
Please despatch to :—(give full name and address).

2 SL3/18 Rings.

1 M31 Gudgeon Pin.

6 A18 Spokes 8½" Long. Remittance enclosed value.....

TELEGRAMS.

Full use should be made of the code (given on another page) when ordering by telegram. The quantity of parts required and the part numbers only need be given. Unless sender has a registered Telegraphic address the full name and address should be given, example :

Veloce, Birmingham. VELOD. One C.K. Twenty-One Stroke Two. One C. Nineteen.

If telegraphic money orders are sent the name and address of sender must be given in the space provided for private message—unless this is done the address will not be transmitted to us.

TERMS.

Our terms are strictly net cash before despatch except in cases where customers are appointed Agents, or have a Deposit or Ledger Account with us. Customers with Deposit Accounts must see that the words "Deposit Account" appear on their order. In all other cases where no cash is received with order spares will be sent per C.O.D. unless the value of the spares is less than 2/- net, in which case a request for payment before despatch will be made. The minimum C.O.D. fee and postage amounts to 10d. Cash should be sent to cover all small orders of 2/- or less. Coin must not be sent unless registered and postal or money orders should be made payable to "Veloce Limited" and crossed. All spares orders over 2/- net value are despatched carriage free to addresses in Gt. Britain and Ireland (except I.F.S.). Carriage extra on all Export orders.

SAMPLES.

Parts sent as samples will not be returned unless we are specially requested to do so and will be disposed of immediately on despatch of the order. We reserve the right to charge carriage on all such returns. Parcels containing parts should include a note giving senders name and address which should refer to order which should be posted separately. Remittances must not be sent with samples but should be sent with order per separate post. Wherever possible our name and address should be written on the parcel as tie-on labels occasionally get torn off in the post.

PROPRIETARY ARTICLES.

We carry no stock of spares for such components as Magnetos, Carburetters, Electric Horns, etc., and all orders for such spares should be addressed to the manufacturers of such equipment direct. A list of addresses appears on another page.

IMPORTANT NOTE.

In the case of certain spares such as wheel spokes, rubber hoses, etc., the length needed must be given, in addition to the part number, and in the case of gears or sprockets the number of teeth should be mentioned.

REPAIRS.

All motor cycles or parts sent by rail for repair should be addressed to us and consigned to Hall Green Station. G.W.R., carriage paid, and must be labelled with senders name and address, (or parcel should contain a note giving this information). All parts must be securely packed and cylinders, heads, petrol tanks, etc, which are liable to damage, must be packed in strong wooden cases. Where goods are received insufficiently packed we supply suitable boxes which are charged extra. Complete machines should have movable equipment such as tools, inflators removed before despatch. A letter giving full instructions for repairs needed should be posted and should state date of despatch of goods. Any machines or parts received without instructions or other means of identifying sender will lie here at Owner's Risk and we shall be under no obligation in regard to them.

Attention is drawn to the fact that generally the demands upon our Repair Department are less during the winter months than during the summer period. In consequence we can deal with repairs more expeditiously during the winter. This should be borne in mind when contemplating an overhaul.

ESTIMATES.

We are pleased to give estimates for repairs needed to any machines or parts sent to us if required and in such cases we do not commence repairs until such estimates are returned accepted. Such estimates are prepared as accurately as possible but may be subject to slight revision if, when repairs are actually in progress, it is found that additional parts are needed. In the event of an Estimate not being accepted a charge will be made for stripping and assembling. No guarantee is given with any repair if the Estimate is not accepted in full.

TERMS FOR REPAIRS.

Our terms for all repairs are as for spares, but carriage and packing is charged extra in all cases. Packing cases (when invoiced) will be credited if returned in good condition within seven days from date of despatch of goods. Parts removed and replaced with new ones will be disposed of at once unless instructions are received for their return at the same time as order. In cases where Estimates are submitted the old parts will be available for inspection before the Estimate is accepted but will be disposed of on acceptance of Estimate unless instructions are received otherwise.

CONDITIONS UNDER WHICH REPAIRS ARE UNDERTAKEN.

Unless appointments are made and confirmed beforehand we cannot undertake to start and complete repairs during one day. We will at any time arrange appointments on request. Whilst every reasonable care is taken, customers machines and property are received, stored, and driven at customers' sole risk and we accept no responsibility for loss or damage arising from fire, accident, theft or otherwise. Customers wishes as to delivery will be adhered to as far as is practicable, but no responsibility can be accepted for delays in the carrying out of any repairs, or for the quality of, or delays in procuring, any replacements that are not of our manufacture.

When repairs are completed customers will be advised by post unless we are otherwise instructed.

HOURS OF BUSINESS :

9 a.m. to 1.0 p.m. and 2 p.m. to 5.30 p.m. Monday to Fridays.

9 a.m. to 12 noon Saturdays.

2/36.

CODE.

For the convenience of customers, to ensure accuracy and to save cost of telegraphing, we draw your attention to the following Code Words and their meanings :—

- VEL** .. Despatch immediately per passenger train to address below.
- VELO** .. Despatch immediately per passenger train to station to be called for.
- VELOD** .. Despatch C.O.D.
- VELOR** .. Despatch immediately per parcels post.
- VELOX-1715** Expedite delivery of our Order No. 1715.
- VELOC** .. Send immediately by goods train to address below.
- VELORIS** Send immediately by goods train to station to be called for.
- VELORUM** Send immediately by registered post.

We strongly advise the use of above Code Words when telegraphing.

When remittance is sent by Telegraphic Money Order, unless NAME and ADDRESS are given in the space provided for a Private Message, the Post Office will not give this information in the Telegram.

PROPRIETARY ARTICLES

CUSTOMERS ARE EARNESTLY REQUESTED TO DEAL DIRECT WITH THE MANUFACTURERS OF PROPRIETARY ARTICLES IN ALL CASES, BOTH FOR SPARES AND IN EVENT OF ANY CLAIM BEING MADE UNDER GUARANTEE.

For our Customers' convenience we give the addresses of our Suppliers below :—

CARBURETTER EQUIPMENT :—

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

IGNITION AND LIGHTING EQUIPMENT :—

H. Miller & Co., Aston Brook Street, Birmingham.

J. Lucas, Ltd., Great King Street, Birmingham.

B.T.H. Co. Ltd., Alma Street, Coventry.

SADDLES :—

Lycett Saddle & Motor Accessories Co. Ltd., Arthur Street, Small Heath, Birmingham.

SPARKING PLUGS :—

K.L.G. Sparking Plugs Ltd., Robinhood Eng. Works, Putney Vale, London, S.W.15.

Lodge Plugs Ltd., Rugby.

ELECTRIC HORNS :—

Clear Hooters Ltd., Lombard Street, Birmingham.

TYRES :—

Dunlop Rubber Co. Ltd., Fort Dunlop Birmingham.

Goodyear Tyre Co. Bell Barn Road, Birmingham.

BATTERIES :—

Chloride Electrical Storage Co., Dale End, Birmingham.

CHAINS :—

Coventry & Renold Chain Co., Spon End Works, Coventry.

Renold & Coventry Chain Co., Didsbury, Manchester.

Perry & Co., Tyseley, Birmingham.

SPEEDOMETERS :—

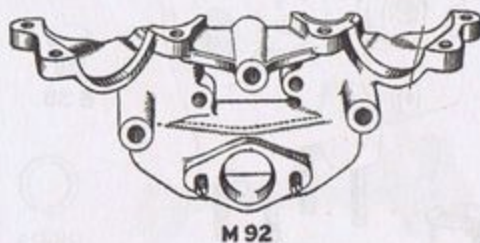
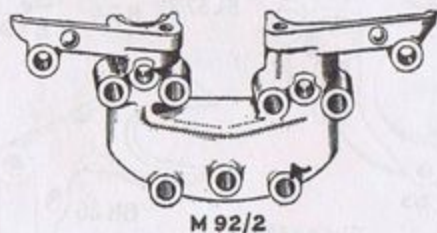
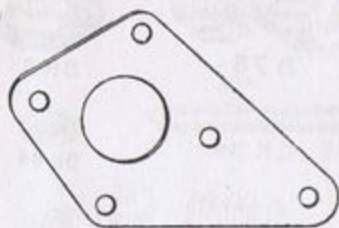
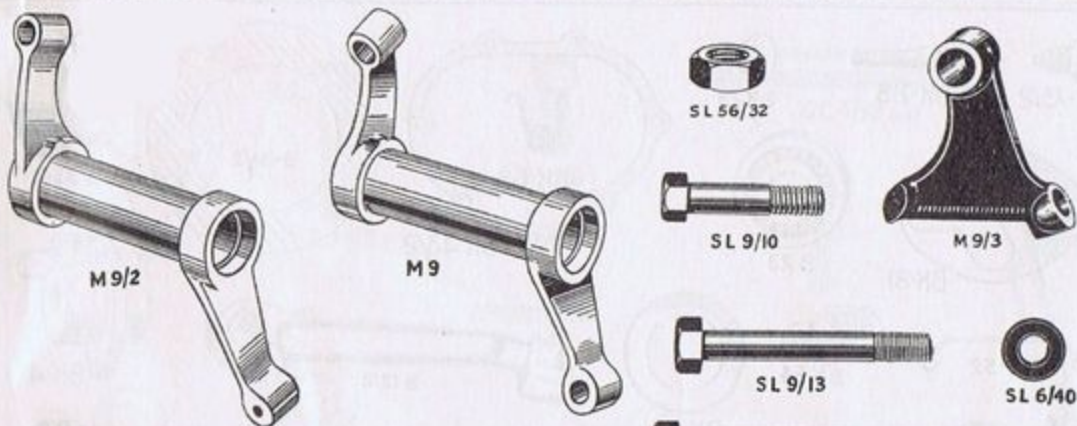
S. Smith & Sons (M.A.) Ltd., Cricklewood Works, Cricklewood, London, N.W. 2.

CYLINDER AND CYLINDER HEAD SECTION.

Part No.	Description.	Plate No.
M1/2	Cylinder head (MOV only)	1
M1/3	Cylinder Head (MAC only)	—
M2/2	Valve (Inlet or Exhaust)	1
M3	Valve Guide (Inlet or Exhaust)	2
K4	Valve spring top washer	3
K5/4	Valve Cotter	3
K6/2	Outer valve springs	1
K7/2	Inner valve springs	1
M70	Cylinder base washer	1
M22/2	Cylinder Barrel (MOV only)	1
M22/3	Cylinder Barrel (MAC only)	—
K180	Carburetter packing	3
M203	Compression plate	1
M220	Cylinder head washer	1
M224/2	Washers for valve guide	2
M38	Valve spring bottom washers	2
M197	Valve spring cover	2
M208	Cylinder and cylinder head nuts	1
SL31/4	Carburetter studs	3
SL56/6	Nuts for above	1
SL31/7	Cylinder holding studs (long) MOV only)	2
SL31/9	" " " " (MAC only)	—

CRANKCASE, FLYWHEEL AND ROCKER BOX SECTION.

M44/2	Crankcase (timing side)	1
M43/2	Crankcase (driving side)	1
M45/2	Timing cover	1
M45/2D	Ditto for use with Spindle M15/2 ..	2a
M212	Crankcase oil feed union	1
SL80/23	2 B.A. Pin for above	1
A37	Fibre washer for above	1
M50	Push Rod cover, top (MOV only) ..	2
M50/2	Push rod cover, bottom	2
M50/3	Push Rod Cover Top (MAC only) ..	—
M234	Push Rod Guide Plate	2a
M52	Gland nut	2
M56	Cylinder holding stud (in crankcase)	2
M68	Timing gear cover packing	1
K55	Screws for timing cover	3
B38	Drain plug for crankcase	1
M120	Push rod cover packing (top)	2
M120/2	Push rod cover packing (bottom) ..	2
RT115	Check valve spring (shown as M115)	1
M225	Stop for valve spring	1
K100	¼" ball	3
E52	Dynamo cradle	2
E14/2	Dynamo cradle fixing bolt	2
E55	Lockwasher for above	2
SL8/8	Clamp bolt	2
SL6/36	Washer for above	2
SL56/4	Nut for above	1
E6/4	Dynamo Strap	2a
SL8/2	Bolt (Strap to Crankcase)	—
SL8/11	Clamping Bolt for Strap	—
SL31/3	Magneto studs	1
SL56/13	Nuts for magneto studs	1
SL6/40	Washers for ditto	1
SL30/2	Crankcase bolt 3½" long	1
SL56/4	Nut for crankcase bolt	1



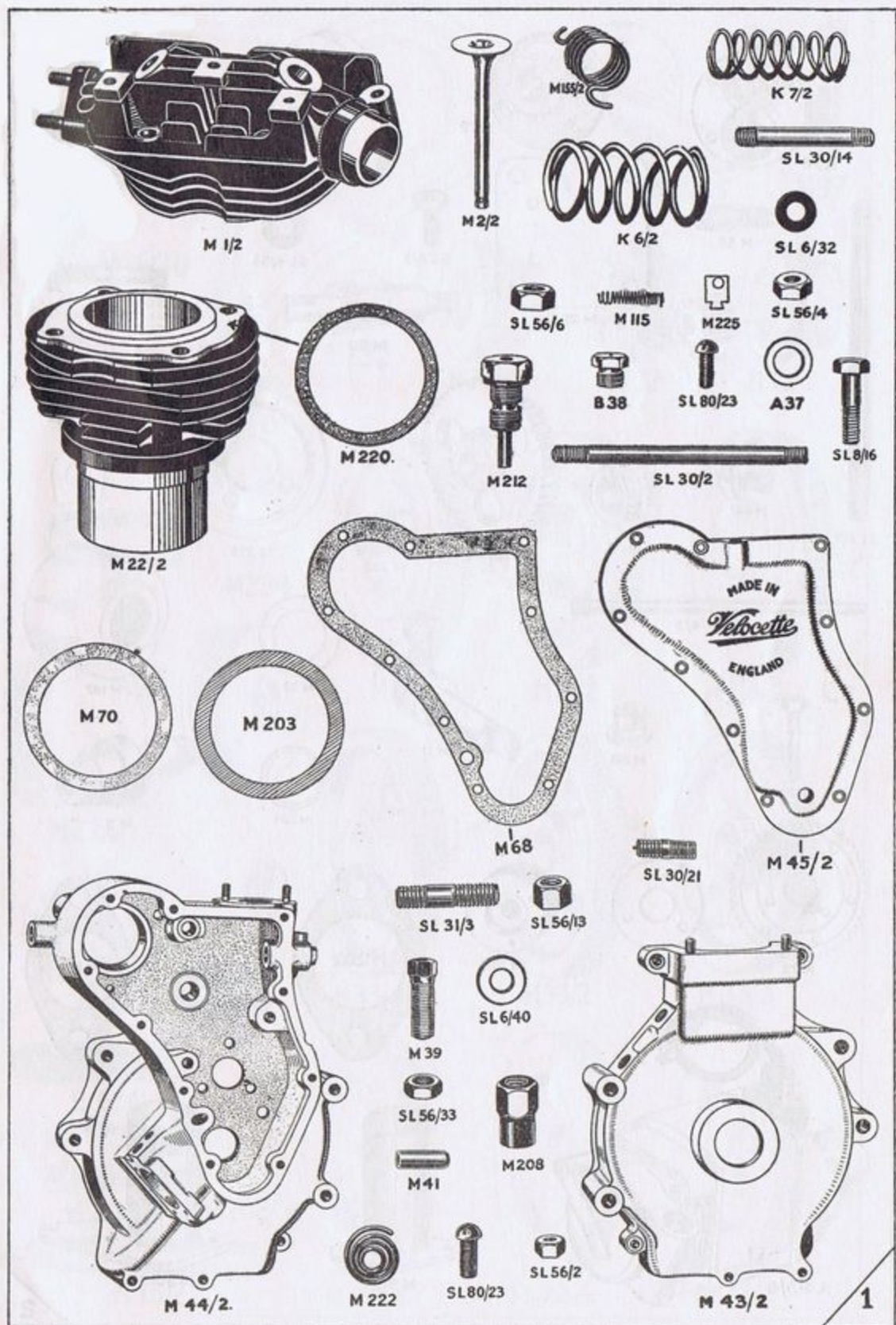


Illustration No. 1.

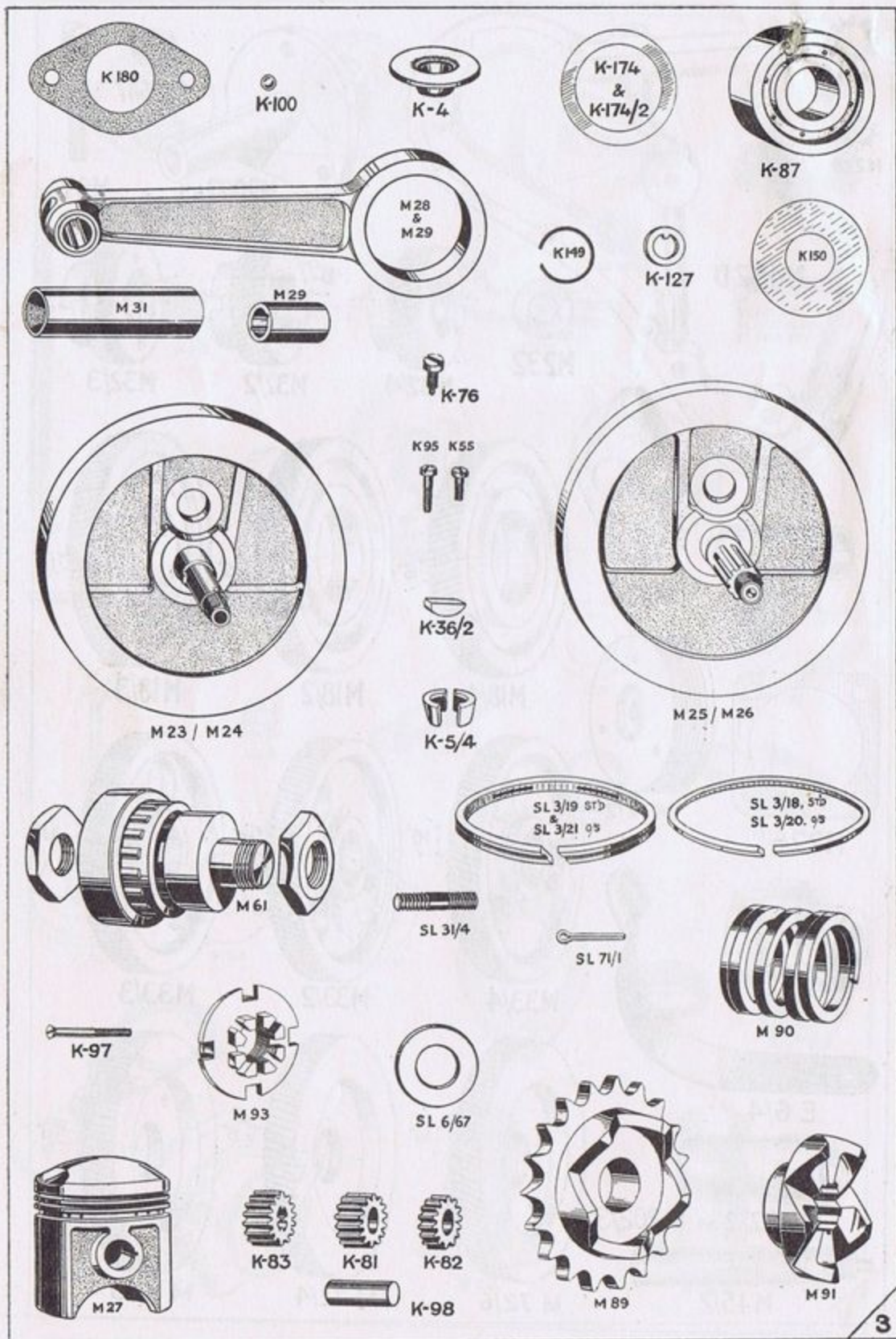


Illustration No. 3.

Part No.	Description.	Plate
SL6/32	Washers for ditto	1
SL30/14	Crankcase bolt 1 $\frac{3}{4}$ "	1
SL56/4	Nuts for ditto	1
SL6/32	Washers for ditto	1
SL8/16	Crankcase bolt	1
*M23/M24	Flywheel and mainshaft (timing side)	
	MOV only	3
*M25/M26	" " " (driving side)	MOV only
		3
*M23/2 & M24	Flywheel and mainshaft (timing side)	
	MAC only	—
*M25/2 & M26	" " " (driving side)	MAC only
		—
From Engine No. MAC 751 the following Flywheels are used :		
*M23/4 & M24	Flywheel and mainshaft (timing side)	
	MAC only	—
*M25/4 & M26	" " " (driving side)	MAC only
		—

The above two parts are interchangeable with earlier type if used in pairs.

***Flywheels and mainshafts cannot be supplied separately.**

M61	Big end bearing (complete with nuts)	
	MOV only	3
K61/7	Big End bearing (with nuts)	MAC only
		—
M62	Crankpin nuts	4
M28 and } M29 }	Connecting Rod (bushed)	MOV only ..
		3
K28/2 & M29	Connecting rod (bushed)	MAC only ..
		—
M29	Small end bush	3
K87	Mainshaft ball race (timing side) ..	3
K87/2	Roller Race for Driving Side	—
†M92	Rocker box (bottom half)	4
†M92/2	Rocker box (top half)	4
†M198	Rocker side cover (inlet)	4
†M198/2	Rocker side cover (exhaust)	4
SL30/21	Studs for pushrod tube flanges	1
SL56/4	Nuts for ditto	1
SL6/32	Washers for ditto	1
SL8/6	Bolts for rocker side covers	4
SL9/13	Bolt (centre of rocker box to head) ..	4
SL9/14	Bolts (rocker box to head-long)	4
SL6/40	Washer for above	4
SL9/10	Bolts (top to rocker box 1 $\frac{1}{2}$ "')	4
SL9/11	Bolt (top to rocker box 1 $\frac{1}{16}$ "' long) ..	4
SL9/12	Bolt (top to rocker box $\frac{7}{8}$ "' long)	4
SL6/41	Washers for above	4
K191	Big end rollers (14 per set)	
K174	Packing shim for crankshaft race .005"	3
K174/2	" " " " " " .003"	3
K174/3	" " " " " " .010"	3

† These parts cannot be supplied separately.

PISTON SECTION.

M27	Piston (standard size)	3
M27/0	Piston 1/2m/m O.S.	
K149	Circlips	3
M31	Gudgeon Pin	3

(Gudgeon Pins are not supplied oversize).

SL3/18	Piston ring (standard size)	3
SL3/19	Slotted scraper ring (standard size) ..	3
SL3/20	Piston ring (1/2m/m O.S.)	3
SL3/21	Slotted scraper ring 1/2m/m O.S.	3

TIMING GEAR AND ROCKER SECTION.

Important Notice. As the timing gears must run true with their respective spindles the bushes of the cam wheel and intermediate wheel are bored after being fitted so that when new bushes are needed the gears should be returned to us to be rebushed and bored. If a new cam is needed the camwheel must be sent for the cam to be installed, bushed, and bored and a new bush must always be fitted.

Part No.	Description.	Plate No.
M9	Rocker (inlet)	4
M9/2	Rocker (exhaust)	4
M9/3	Bottom rockers (in timing case. In. or Ex.)	4
M232	Oil Control washer for top rockers ..	2a
M10	Pin for bottom rockers	4
M11	Exhaust lift lever	2
M12	Cam wheel bush	4
M12/2	Ditto from Mid 1935	2a
M15	Cam wheel spindle	4
M15/2	Ditto, from Mid 1935	2a
SL56/17	Nut for Ditto	2a
M17	Cam	4
SL56/32	LH Nut for Crankshaft timing gear ..	4
K127	Tongued washer for above	3
K76	Retaining screw for exhaust lifter lever ..	3
K36/2	Key for timing gear on crankshaft ..	3
M155/2	Spring for exhaust lifter lever	1
M39	Rocker tappet	1
SL56/33	Tappet lock nut	1
M41	Rocker end	1
M72/2	Magneto gear centre	2
M223	Bolts for magneto gear	2
M196	Push rod with ends assembled MOV only	2
M194		
M195		
M196/2		
M194		
M195	Ditto, MAC only	—
M199		
M200	Timing gear steady plate	4
M200/2AS	Intermediate timing gear spindle	2
SL8/3	Ditto, used from Mid 1935	2a
SL6/36	Pin for spindle flange	2
SL6/36	Washer for above	2
M201	Distance Piece	2
M202	Inter Gear Bush use with M200	2
M202/2	Ditto (Long) use with M200/2AS ..	2a
M202/3	Ditto but larger outside diameter for M33/4	2a
M206	Pump drive worm on crankshaft	4
M210	Timing gear steady pin (3 per set)	4
M211	Timing gear steady pins (2 per set)	4
M228	¼" Shakeproof washers	2a
M229	⅜" Ditto	2a
M216	Thrust washer for bottom rockers	4
M218	Extractor nut for magneto gear	2
M219	Damping ring for inter gear	2
M221	Withdrawal ring for magneto gear	2
M222	Thrust springs for rockers in rocker covers	1
SL80/23	Pins for above	1
SL56/2	Nuts for above	1

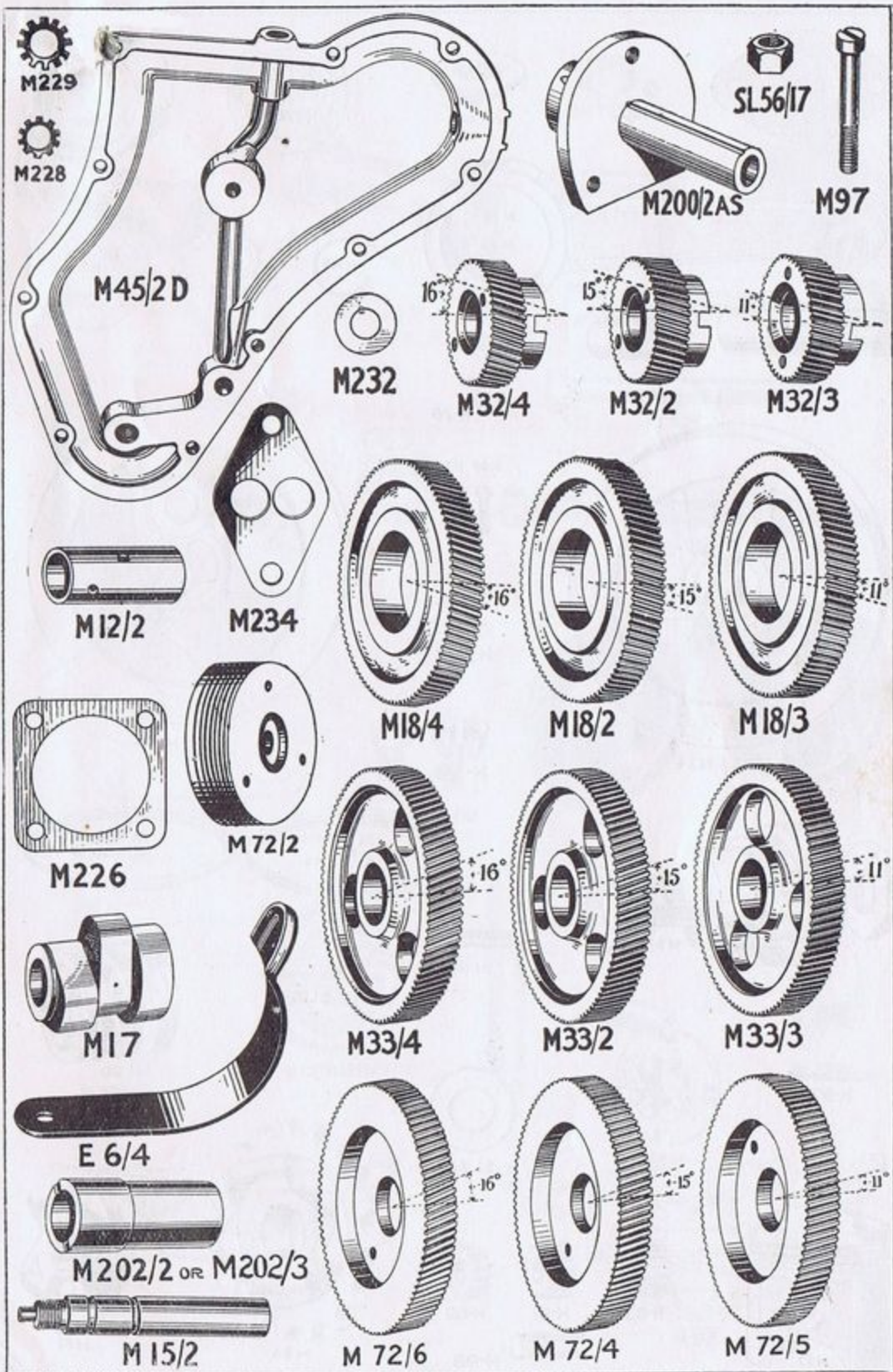


Illustration No. 2a.

Important Note.—Several different types of timing gears have been used which are interchangeable in complete sets only. When only one gear is ordered therefore care must be taken to verify that the correct gear is ordered, if the original is not available as sample the engine number must be quoted. The four series are used as follows :

Straight cut teeth on all machines up to MOV Engine M877 and MAC to engine MAC 413.

15° Helical teeth from MOV engine No. M878 and MAC engine No. MAC 414 to engines M1671 and MAC 1569 inclusive.

11° Helical teeth from MOV engine No. M1672 and MAC engine No. MAC 1570 to engines M1875 and MAC 1840 inclusive.

16° Helical teeth from MOV engine No. M1876 and MAC engine No. MAC 1841.

Part No.	Description.	Plate No.
M18	Cam Wheel (straight cut)	2
M18/2 (15° Helical teeth)	2a
M18/3 (11° Helical teeth)	2a
M18/4 (16° Helical teeth)	2a
M32	Crankshaft Pinion (straight cut)	2
M32/2 (15° Helical teeth)	2a
M32/3 (11° Helical teeth)	2a
M32/4 (16° Helical teeth)	2a
M33	Intermediate Gear (straight cut)	2
M33/2 (15° Helical teeth)	2a
M33/3 (11° Helical teeth)	2a
M33/4 (16° Helical teeth)	2a
M72	Magneto Gear (straight cut)	2
M72/4 (15° Helical teeth)	2a
M72/5 (11° Helical teeth)	2a
M72/6 (16° Helical teeth)	2a

OIL PUMP SECTION.

K78 and M79	Pump body and cover (cannot be supplied separately) Obsolete, use K78 & M79/2 with four M97	2
K81	Pump gear, Loose, Wide	3
K82	Pump gear, Loose, Narrow	3
K83	Pump gear fixed, wide	3
M80	Pump spindle and gear	2
K97	Screws, oil pump body to cover plate	3
M97	Screws (pump cover to cover plate) for use with M79/2	2a
K95	Screws, oil pump cover plate to crankcase	3
M207	Oil pump cover plate	2
M217	Oil pump driving gear (on pump spindle)	2
K98	Pump fixed spindle	3
M226	Packing for pump cover plate	2a

SHOCK ABSORBER SECTION.

M89	Engine Sprocket (19 teeth) MOV only 5 lobe type.	3
M89/3	Engine Sprocket (22 teeth) MAC only	—
*M89/4	From Engine No. MAC 974. See also Gearbox section. Engine sprocket (19 teeth) MOV only 3 lobe type	—
*M89/5 (22 teeth) MAC only 3 lobe type	—

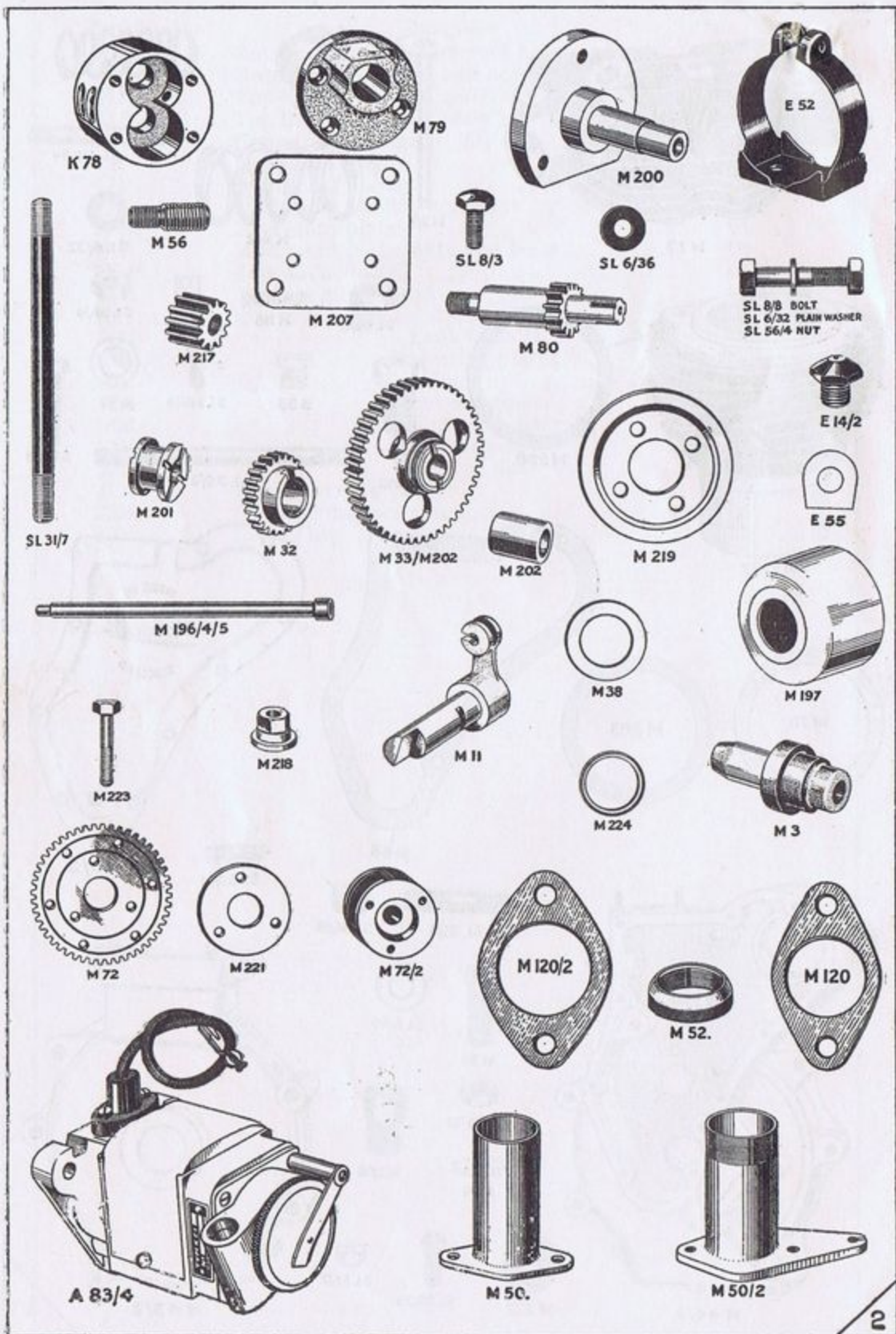


Illustration No. 2.

Part No.	Description.	Plate No.
M90	Shock absorber spring	3
M91	Shock absorber clutch (5 lobe type)	3
*M91/3	Shock absorber Clutch, (3 lobe type)	—

*The clutch M91/3 if used with either of the sprockets M89/4 or M89/5 may be used to replace the earlier 5 lobe type.

M93	Shock absorber nut	3
SL6/67	Plain washer for collar	3
SL71/1	Split pin for collar	3
E19/4 and 5	Dynamo pulley (two halves)	4

GEARBOX, CLUTCH AND KICK STARTER SECTION.

B1/6	Gearbox Housing (For hand change or outside foot change.)	5
B1/8	Ditto for enclosed gear change mechanism	—
B2/3	End Cover	5
B2/4	Gearbox end cover	5a
B3	Bearing cap for gearshaft (shown as BK3)	5
B5/4	Gearshaft	5
B6/2 and B7/3	Sleeve Gear (bushed) 16T (standard ratio)	5
B6/3 and B7/3	" " " 17T (close ratio)	5
B7/3	Bush for sleeve gear	6
B9/4 and B75	First Gear (bushed)	5
B10/6	Layshaft	5
B12/2	Kick start crank	5
B20	Kick start cotter with nut and washer	6
B22	Sleeve gear ball race	6
B23	Ball race for gear shaft (in end cover)	5
B31/2	Shims for sleeve gear race	5
B34	Screw for wire clip	5
B35/2	Sleeve Gear distance piece	5
B38	Drain Plug	5
B39/26	Ball race retaining ring	6
B54/4	Clips (gearbox to frame)	6
B60/2	Kick start rubber	6
B69	Knuckle joint	5
B75	First gear bush	6
B78	Sliding gear	5
B86	Layshaft driving gear 28T (standard ratio)	5
B86/2	" " " 27T (close ratio)	5
B87	First gear wheel (on layshaft)	5
B88 and B91	Second gear wheel (on layshaft) bush	5
B89 and B91	Third gear wheel (on layshaft) bush	5
B90	Selector bar	5
B91	Bush for 2nd and 3rd gear wheels	5

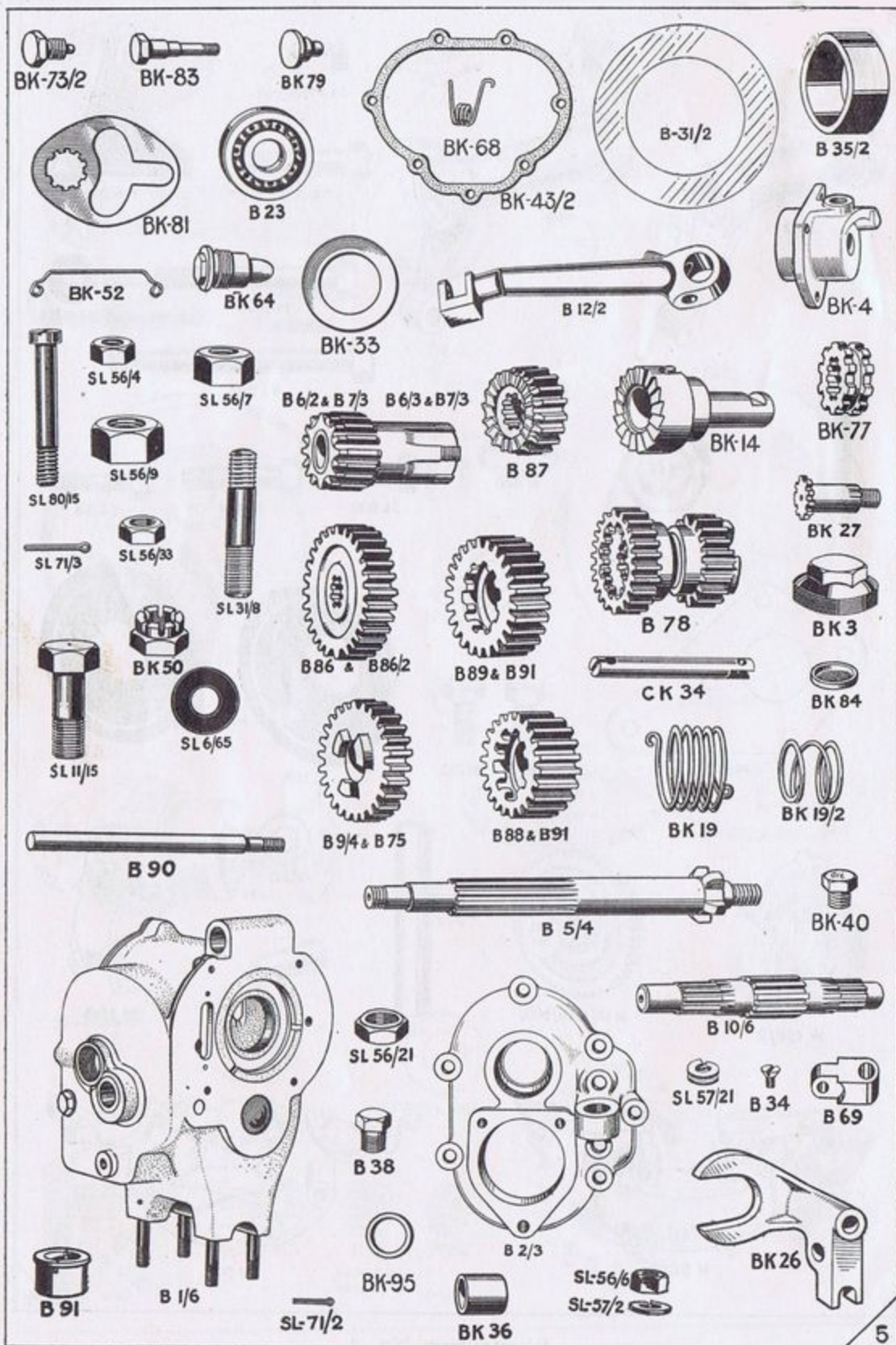


Illustration No. 5.



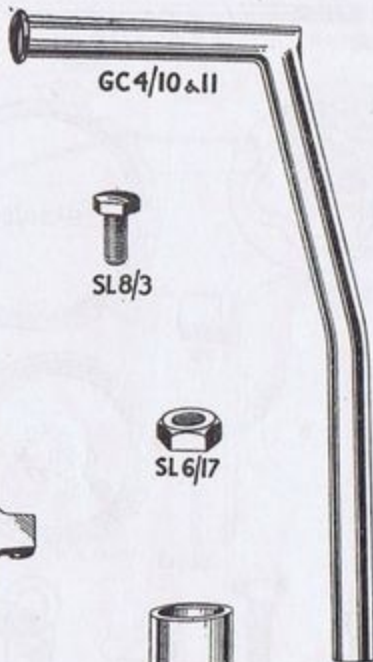
BK 80/2



B 38/2



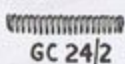
SL 9/6



GC 4/10 & 11



SL 8/3



GC 24/2



BK 103



BK 65/3



BK 81/2



SL 6/17



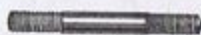
BK 102



BK 36/2



BK 99



GC 8/13



GC 42



GC 23/2



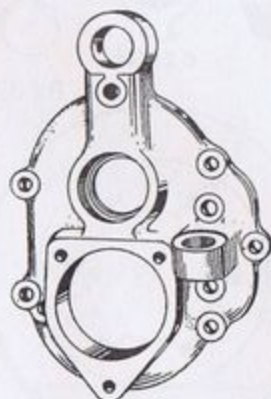
BK 98



GC 35



BK 100/2



B 2/4



BK 64/2



SL 6/35



SL 6/41



KA 46



BK 101



GC 41

5A

Illustration No. 5a.

Part No.	Description.	Plate No.
BK4	Bearing for kick starter	5
BK14	Kick start ratchet	5
BK18	Footpiece	6
BK19	Kick start return spring	5
BK19/2	Kick start engaging spring	5
BK22	Layshaft ball race	6
BK26 and		
BK32	Selector fork and Pin	5
BK27	Striking lever spindle	5
BK32	Pin for selector fork	6
BK33	Oil thrower washer	5
BK36	Bush for striking lever spindle	5
BK40	Filler plug	5
BK43/2	Packing for end cover	5
BK50	Castle nut for gearshaft	5
BK52	Wire for thrust cup	5
BK64	Pivot for cam plate	5
BK65	Outside striking lever	6
BK66	Indexing Pawl	6
BK68	Spring for ditto	5
BK70	Thrust cup bearing	6
BK73/2	Anchor peg for kick start spring	5
BK77	Sliding dog (on layshaft)	5
BK79	Rivet for cam plate	5
BK80 and		
BK79	Camplate and rivet	6
BK81	Striking Plate	5
BK82	Layshaft thrust washer	6
BK83	Pivot for indexing pawl	5
BK84	Sealing Cap	5
BK85	Roller cage	6
BK95	Layshaft thrust washer	5
BK97	Packing shim for BK70 (number as required)	6
C1/3	Clutch back plate	6
C2/2	Clutch front plate	6
C3/3 and		
C13	Clutch chain wheel, corked	6
C4/25	Spring Holder	6
C5	Sleeve gear lock nut	6
C6/2	Thrust pins for back plate	6
C7/26	Plain thrust washer	6
C8	Washer for sleeve gear nut	6
C12	Clutch springs	6
C13	Clutch corks	6
C19	Clutch thrust race	6
C26 } C27 }	Clutch chain wheel ball race	6
A32 }		
C28	Spherical thrust washer	6
C29/26	Thrust cup	6
C30	Thrust pin	6
C30/2	Thrust pin, (oversize in length)	6
C31/2	Operating Lever inside box	6
CK14/2	Cable stop	6
CK20/2	Lock nut for adjuster	6
CK21	Cable adjuster	6
CK21/2	Cable stop holder from Mid 1935	—
CK34	Operating rod for cable	5

Part No.	Description.	Plate No.
F18/3	Gearbox adjuster bolt	6
F218	Pin for adjuster bolt	6
S32	Swivel Pin	6
SL6/32	Washers (¼")	6
SL6/41	Washers for selector bars	6
SL6/56	Washers for gearbox adjuster nuts	6
SL6/65	Washers for sprocket nut	5
SL8/13	Pivot pin for clutch operating lever	6
SL8/20	Bolts for end cover	6
SL80/15*	Cheese head screw for bottom of K.S. Bearing	5
SL8/22	Bolts (K.S. Bearing to cover)	6
SL11/15	Pivot pin for kick start footpiece	5
SL31/8	Holding studs for gearbox	5
SL56/4	Nuts 1/4 26T	5
SL56/9	Nuts for gearbox adjuster bolt	5
SL56/21	Nuts for gearshaft K/S side	5
SL56/33	Nuts for selector bars	5
SL57/21	Thackeray Washer for end cover bolts	5
SL57/2	Spring washer for gearbox holding stud	5
SL56/6	Nuts for holding studs	5
SL56/7	Nut for striking spindle ¾" × 20T	5
SL71/1	Split pin for gearshaft nut	6
SL71/2	Split pin for S32	5
SL71/3	Split pin for F218	5
*SL91/4	Sprocket 19T	6
SL91/5	Sprocket 20T	6
SL91/6	Sprocket 21T	6
†SL91/7	Sprocket 22T	6
SL91/8	Sprocket 23T	6
K191	Rollers for layshaft and kick start	6

* Standard on MOV Models and on MAC from Engine MAC 974 with 22 Engine Sprocket.

† Standard on MAC Models up to MAC 973 with 19T Engine Sprocket.

INTERNAL FOOTCHANGE SECTION.

BK36/2	Bush for striking lever	5a
BK64/2	Pivot for cam plate	5a
BK65/3	Outside striking lever	5a
BK80/2	Camplate	5a
BK81/2	Striking plate	5a
BK98	Ratchet plate	5a
BK99	Centralising lever	5a
BK100/2	Pivot for centralising lever	5a
BK101	Centralising spring	5a
BK102	Sleeve for pivot	5a
BK103	Shim for sleeve (Number per gearbox as needed)	5a
B60/2	Rubber for Foot control lever	6
GC4/10 and 11	Foot control lever	5a
GC23/2	Striking pawl	5a
GC24/2	Spring for ditto	5a
GC41	Gear operating lever	5a
GC42	Bush for ditto in end cover	5a
KA46	Greaser for bush	5a

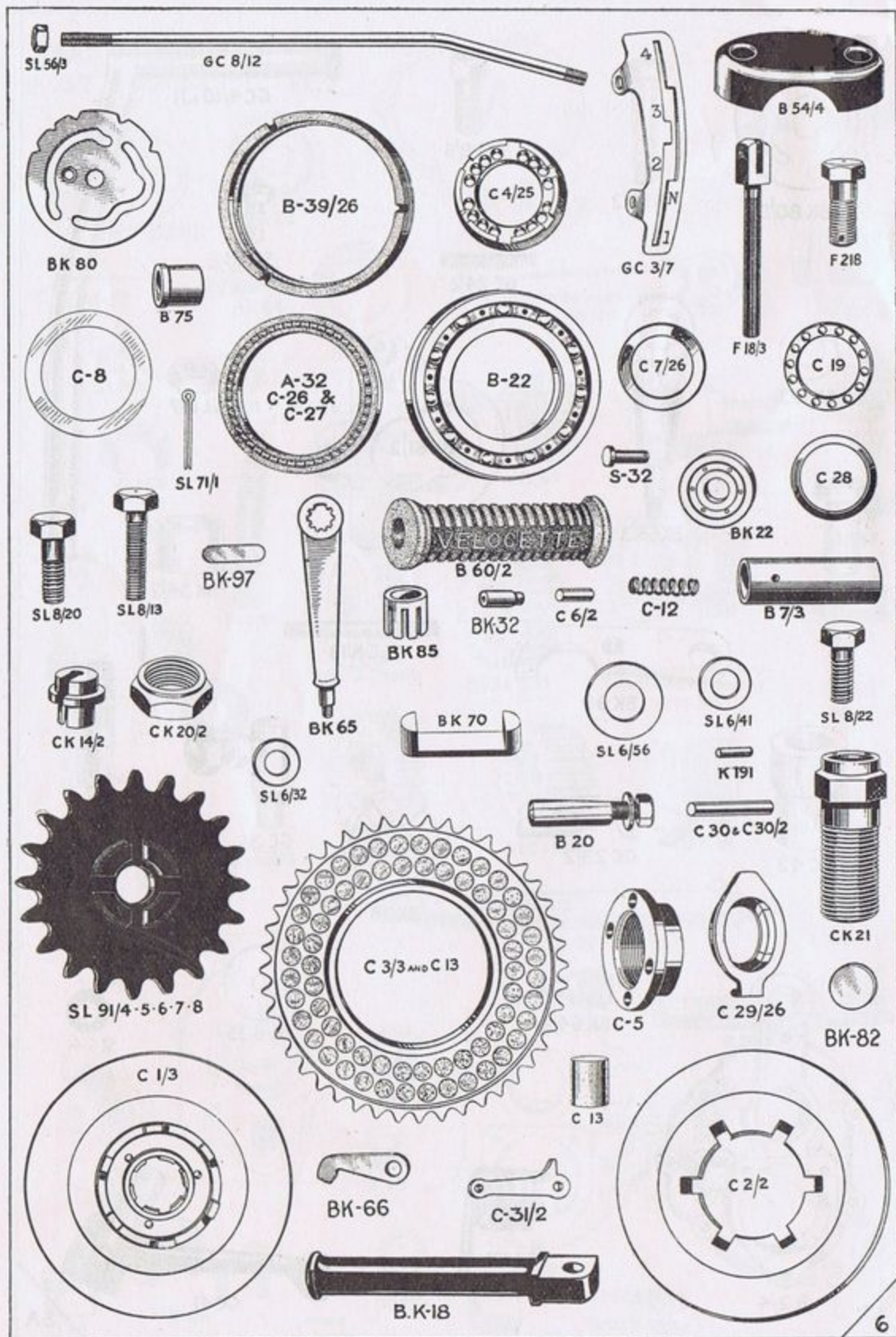


Illustration No. 6.

Part No.	Description.	Plate No.
GC8/13	Gear control rod	5a
GC35	Top ball joint complete for gear rod ..	5a
SL8/3	Bolt for operating lever	5a
SL6/35	Plain washer for ditto	5a
SL9/6	Clamping bolt for foot lever	5a
SL6/41	Washer for ditto	5a
SL56/17	Nut for centralising lever pivot; (shown as SL6/17)	5a
<p>Note.—The footchange internal mechanism cannot be fitted to machines not originally so equipped without fitting a new gearbox housing B1/8.</p>		
SL8/17	Bolt (for top of end cover)	—
B38/2	Oil level screw for end cover	5a

GEAR CONTROL SECTION. Hand control.

GC3/7	Gear control gate	6
GC4/9	Gear control lever	7
GC6/2	Rubber Knob	7
GC7/8	Fulcrum Pin	7
GC8/12	Gear control rod	6
GC9/2	Knuckle Joint with pin and nut ..	7
GC9	Top Knuckle Joint	7
GC13/25	Pin for above	7
SL56/4	Nut for above	7
SL57/21	Thackray washer for above	7
SL56/3	$\frac{1}{2}$ " x 26T nut for gear rod	6
GC15/2	Domed nut for fulcrum pin	7
GC34	Washer for gear lever knob	7
GC37	Spring for fulcrum pin	7
GC38	Cap for gear lever knob	7

OIL TANK, OIL UNION, AND OIL PIPE SECTION.

A201	Oil Tank	7
KA6/6	Oil tank filler cap	7
KA102	7" rubber hose for oil feed and return ..	7
KA100 and		
KA101	Clips and pins for above	7
A8/2	Oil feed union and gauze	7
KA115/2	Fibre washer for oil union	7
A9/3	Oil feed pipe with union nut (tank end) ..	7
K119/4	Oil return union (on crankcase)	7
A9/4	Oil feed pipe (engine end).. .. .	7
M214	Hollow bolt (feed pipe to crankcase and breather pipe to crankcase)	7
A206	Oil breather pipe	7
A37	Fibre washers for hollow bolts	7
K121	Oil pipe Unions on rocker box	7
K119	Oil pipe union for pipe on timing cover ..	7
A9	Oil feed pipe to rocker box (MOV only) ..	7
A9/5	Oil pipe (Case to rocker bearings) as illustration No. 7 but longer)	
CK20/2	Nut for screwing oil tank to battery platform ..	
M122	Breather union for hose	7
M136	Disc valve body for breather	7
K135	Steel disc for breather	7

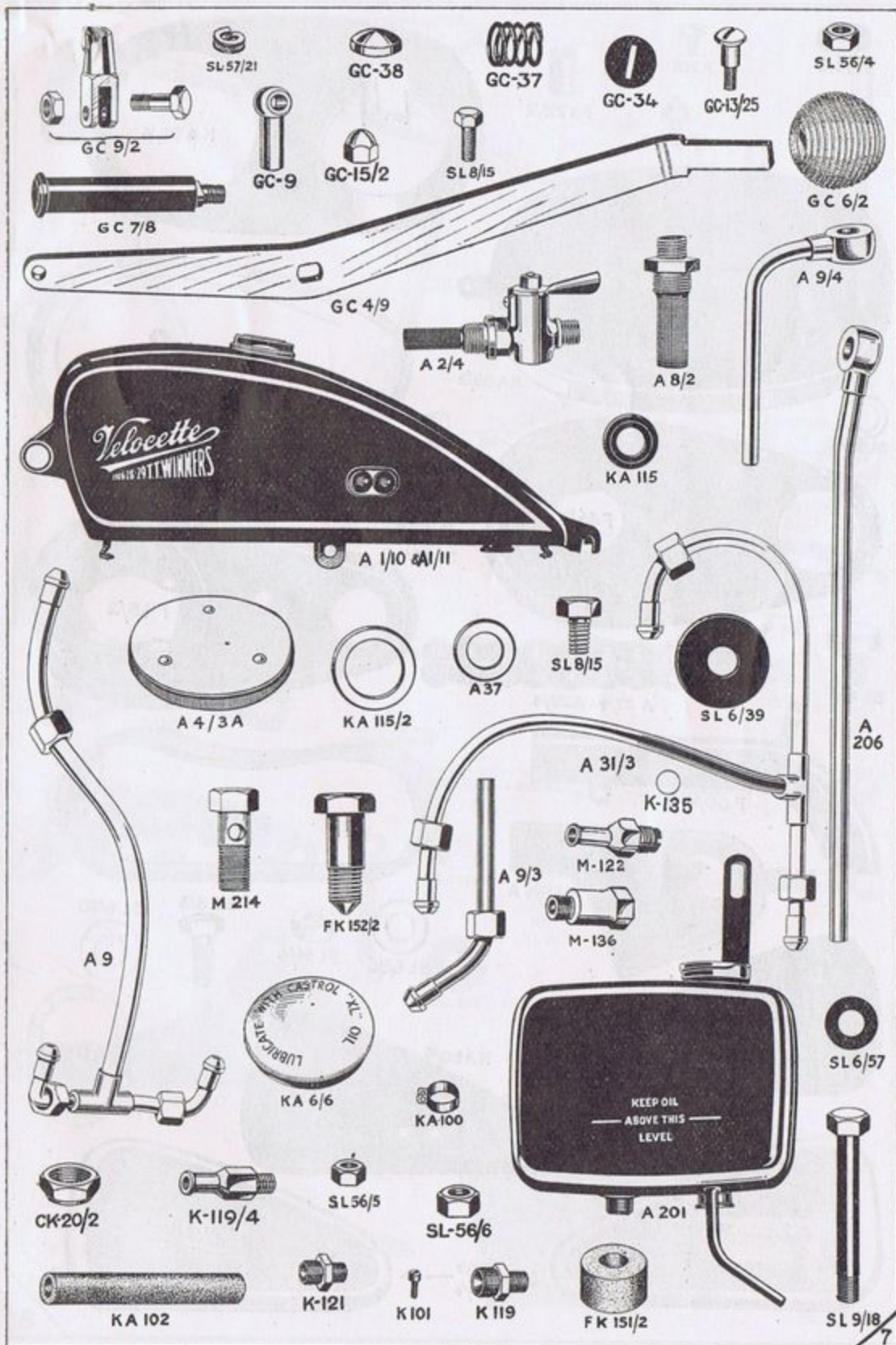


Illustration No. 7.

PETROL TANK, PETROL PIPE AND FITTING SECTION.

Part No.	Description.	Plate No.
A1/10	Petrol tank for hand change (MOV only)	7
A1/11	" " " foot " (" ")	7
A1/12	Petrol tank (MAC only)	—
A1/15	Petrol tank (MOV only)	—
	from engine No. M1200	
A1/16	" " (MAC only)	—
	" " " " " MAC718	—
KA4/7	Filler cap (shown as A4/3a)	7
KA4/8	Petrol tank cap for use with A1/15 & A1/16	—
A31/3	Petrol pipe complete (MOV only) ..	7
A31/5	Petrol pipe (MAC only)	—
A2/5	Petrol taps (shown as A2/4 which is obsolete)	7
KA115	Fibre washer for petrol tap	7
SL8/15	Bolts, gear gate to tank	7
KA70/3	Knee Grips (only supplied in pairs) ..	8
KA70/4	Knee grips for footchange tank	8
KA80/3	Knee grip plate R.H.	8
KA80/4R	Knee grip plate R.H.	8
KA80/4L	" " " L.H.	8
SL56/5	Nuts, plates to tank	7
FK152/2	Front tank bolts	7
FK151/2	Rubbers for petrol tank bolts	7
SL6/57	Washers for above	7
SL9/18	Rear tank bolt	7
SL6/36	Washer for rear tank bolts	7
SL56/6	Nuts for rear tank bolt	7

TRANSMISSION CHAIN COVERS AND DYNAMO DRIVE SECTION.

KA27	Primary chain (shown as A27/4).. ..	8
A27/6	Primary chain (MAC only) 75 links for use with 22T engine sprocket	—
A28/4	Rear chain (for use with 19T gearbox sprocket)	8
A28/5	Rear chain. MAC only with 22T Gearbox sprocket	—
F45/2	Chain Cover (primary back half).. ..	8
F46/2	Chain cover (primary front half) ..	8
FK206	Stud (rear chain guard to primary cover)	—
FK207	" (dynamo cover " " ")	—
SL80/22	2 BA round head screws for above ..	8
SL56/2	Nut for above	8
T7119	Inspection cap	8
T7219	Spring clip for above	8
T9519	Stud for above	8
SL6/16	Washer for above	8
KA179	Cork packing	8
A179/3	Cork washer between chain case and gearbox	8
F201	Shouldered screws chain case to gearbox	8
FK210	Locking wire for above	8
FK205/2	Distance piece inside chain cover ..	8
F60/4A	Rear chain guard (front portion) ..	8
F60/4B	Rear chain guard (rear portion) ..	8

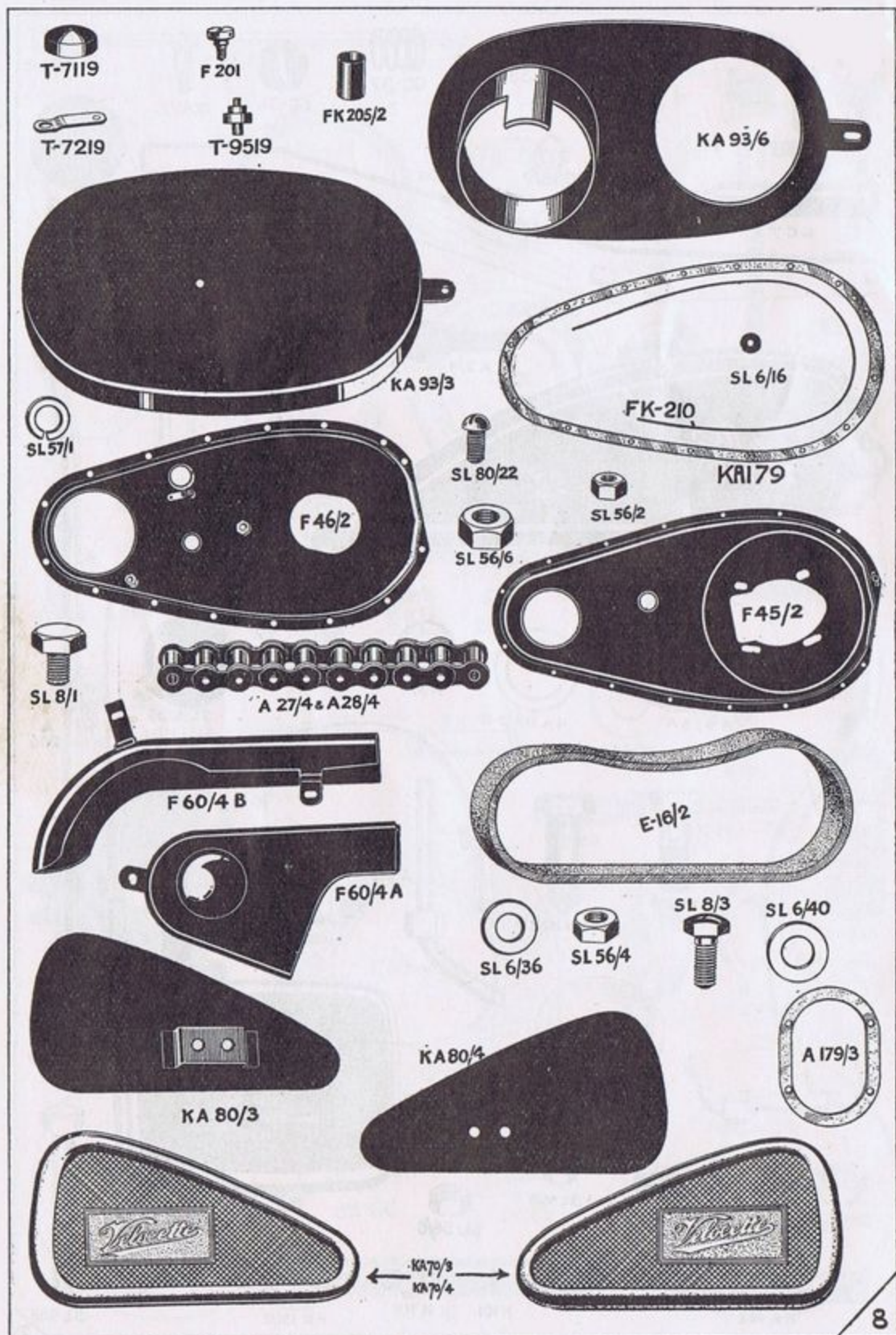


Illustration No. 8.

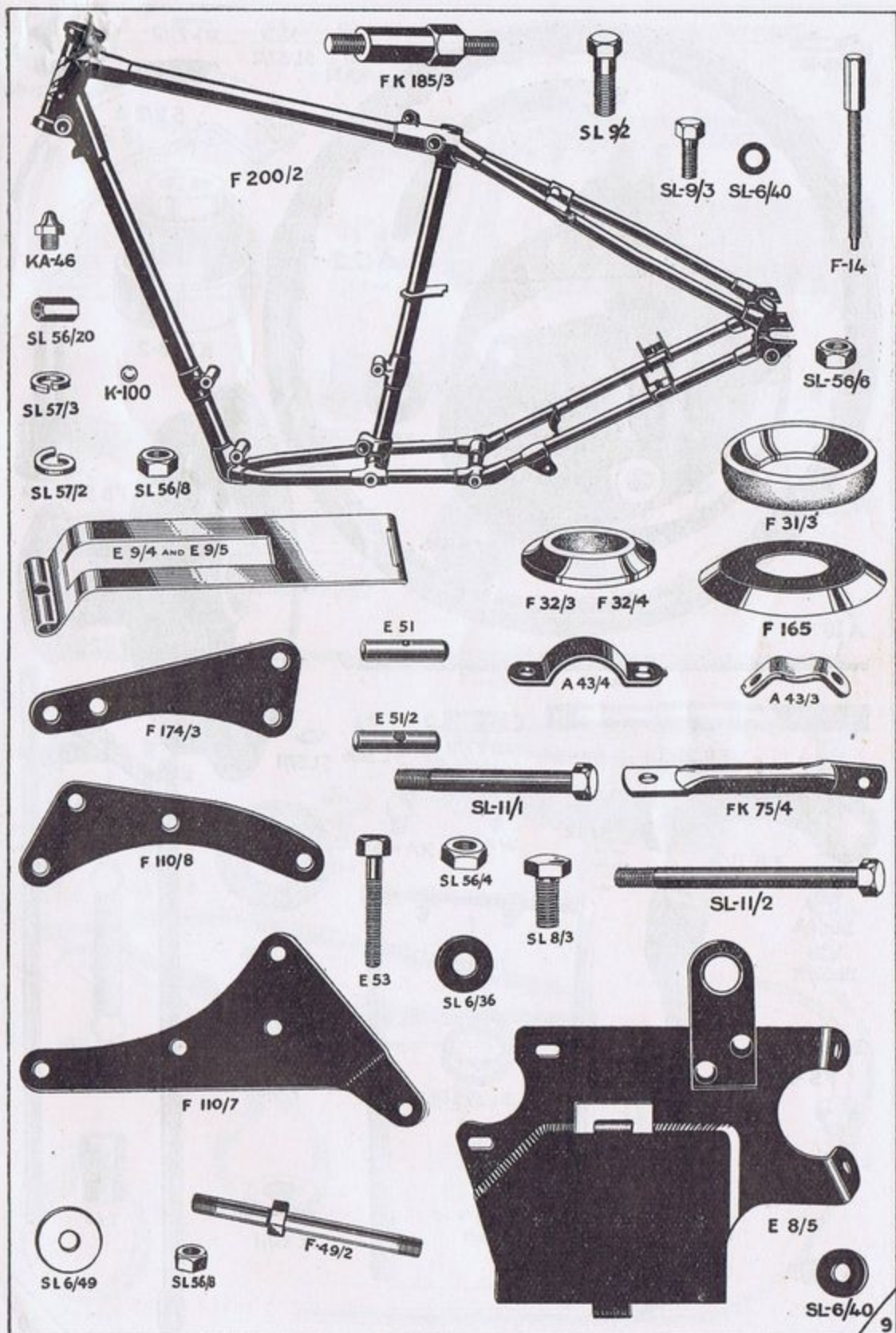


Illustration No. 9.

Part No.	Description.	Plate No.
SL56/6	Nut $\frac{5}{16}$ " \times 26th, front part rear chain cover to primary cover	8
SL6/40	Washer for above	8
SL8/1	Bolt rear portion chain guard to mudguard valance	8
SL57/1	Spring washer for above	8
SL56/4	Nut for above	8
KA93/6	Dynamo belt cover back	8
KA93/3	Dynamo belt cover front	8
SL56/4	Nut belt cover to primary chain cover	8
SL6/36	Plain washer for above	8
SL8/3	Bolt dynamo belt cover front to rear half	8
SL6/36	Plain washer for above	8
E16/2	Dynamo belt	8
E12/2	Pulley for dynamo armature. Make and type of dynamo must be stated.	8

FRAME AND FRAME FITTINGS SECTION.

F200/2	Frame complete, enamelled	9
A133	Transfer for head lug	9
F31/3	Cups for head races in frame	9
F32/3	Ball head cone, top	9
F32/4	Ballhead cone, bottom	9
F165	Dust cover for ball head	9
KA46	Greaser for steering head	9
K100	Steel balls for head $\frac{1}{4}$ " 19 per race	9
FK75/4	Engine steady (MOV only)	9
FK75/5	Ditto (MAC only)	—
A43/3	Engine steady clip	9
A43/4	" " " "	9
SL9/2	Bolt for above	9
SL56/6	Nuts for above	9
SL6/40	Washers for engine steady clip	9
FK185/3	Horn pillar	9
SL57/2	Spring washer for above	9
SL56/6	Nut for above	9
SL6/40	Plain washer for above	9
SL11/1	Rear engine bolts	9
SL11/2	Front engine bolts	9
SL56/8	Nuts for above	9
SL57/3	Spring washers for above	9
F49/2	Rear engine bolt for chain guard	9
SL56/8	Nut for above	9
SL6/49	Large washers for above	9
SL9/3	Bolt engine steady to cylinder head	9
SL6/40	Washer for above	9
F14	Chain adjuster	9
SL56/20	Lock nut for above	9
F110/7	Rear engine plate L.H.	9
F110/8	Rear engine plate R.H.	9
F174/3	Front engine plate	9
E8/5	Battery platform	9
E9/4	Battery strap (back)	9
E9/5	Battery strap (front) plated	9
E51/2	Trunnion (tapped)	9
E51	" plain	9
E53	Pin for battery strap	9
SL8/3	Bolt (battery carrier to frame)	9
SL56/4	Nuts for above	9
SL6/36	Washer for above	9

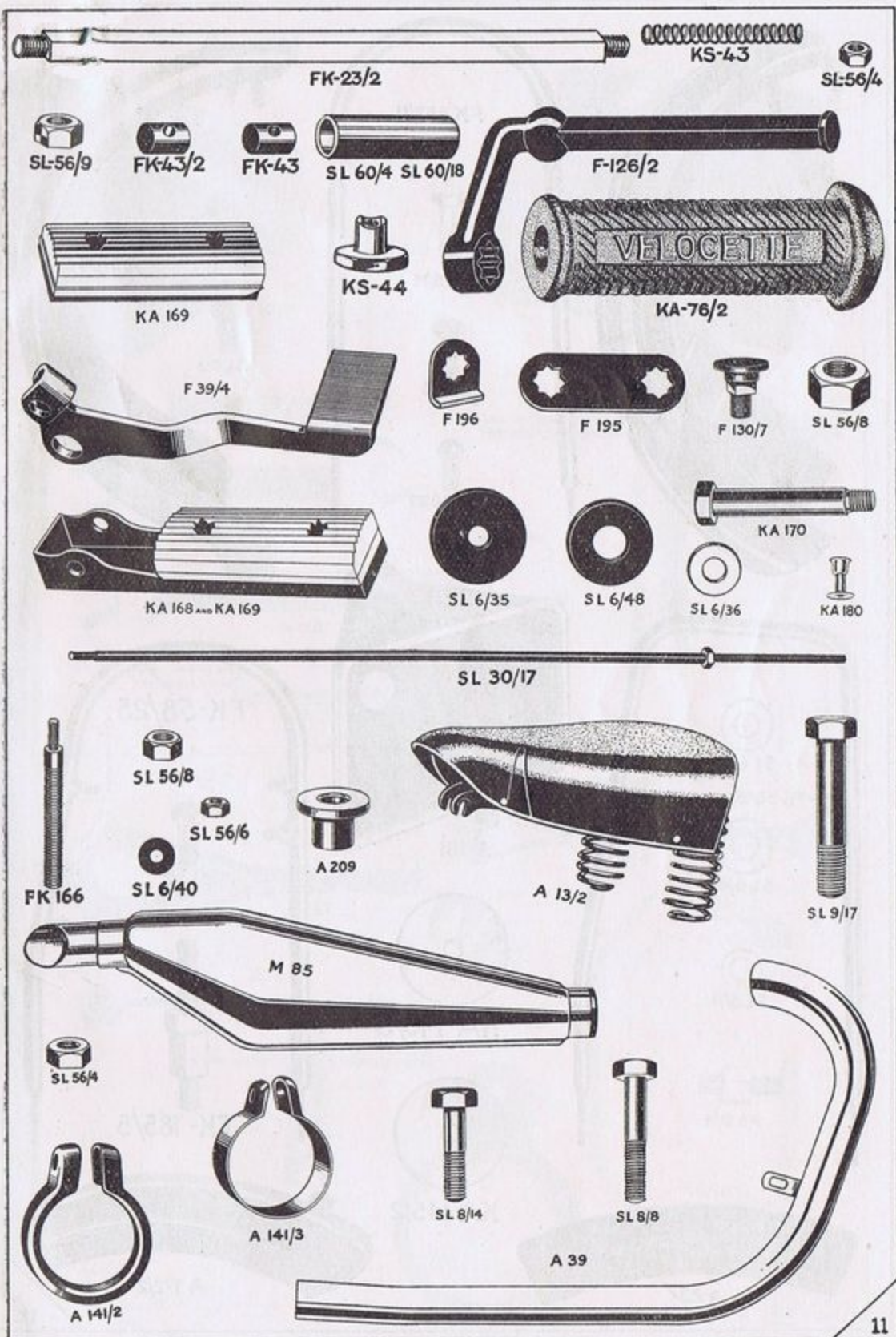


Illustration No. 11.

STAND SECTION.

Part No.	Description.	Plate No.
FS1/2K	Front stand	10
FS8/2K	Front stand pivot pins	10
FS4	Front stand locking stud	10
SL57/21	Spring washer for above	10
SL6/35	Plain washer for above	11
SL56/4	Nuts for above	10
F204	Locking nut for front stand	10
FK29/5	Prop Stand with spring peg	10
F69/4	Spring for prop stand	10
F4/25	Pin for prop stand	10
FK171/6	Rear stand	10
F4/3	Pivot pin for rear stand	10
SL56/14	Nut for above	10
SL57/24	Spring washer	10
T66	Nuts rear stand to mudguard	10
SL8/3	Bolts for above	10

FOOTREST AND REAR BRAKE CONTROL SECTION.

FK23/2	Footrest square bar	11
F126/2	Footrest hanger	11
KA76/2	Footrest rubber	11
SL60/4	Distance piece, $1\frac{1}{2}$ "	11
SL60/18	Distance piece, $\frac{1}{2}$ "	11
SL56/9	Nut for square bar	11
F130/7	Brake pedal support	11
SL6/48	Washer for above	11
SL56/8	Nut for above	11
F39/4	Brake pedal	11
F195	Brake pedal anchorage	11
F196	Brake pedal stop	11
SL30/22	Brake rod (shown as SL30/17)	11
FK43	Trunnion tapped	11
FK43/2	Trunnion plain (rear)	11
KS43	Spring for brake rod	11
KS44	Adjusting nut	11
SL56/4	Nut for brake rod	11
KA168 and		
KA169	Pillion footrest, complete	11
KA169	Rubber for above	11
KA170	Pillion footrest bolt	11
SL56/4	Nut for above	11
SL6/36	Washer for above	11
KA180	Rivet for pillion footrest rubber	11

SADDLE SECTION.

A13/2	Saddle (maker's current price)	11
FK166	Saddle support pin	11
SL6/40	Washer for above, plain	11
SL56/6	Nut for above, $\frac{5}{16}$ " \times 26th	11
SL56/8	Nut for above, $\frac{3}{8}$ " \times 26th	11
SL9/17	Front saddle pivot bolt	11
SL6/40	Washer for above, plain	11
SL56/6	Nut for above	11
A209	Bushes for saddle pivot bolt	11

MUDGUARD SECTION.

A16/4	Front mudguard	12
FK157/11	Front mudguard stay	12
FS8/4	Stud front stay to fork end.. .. .	12
SL56/6	Nut for above	12

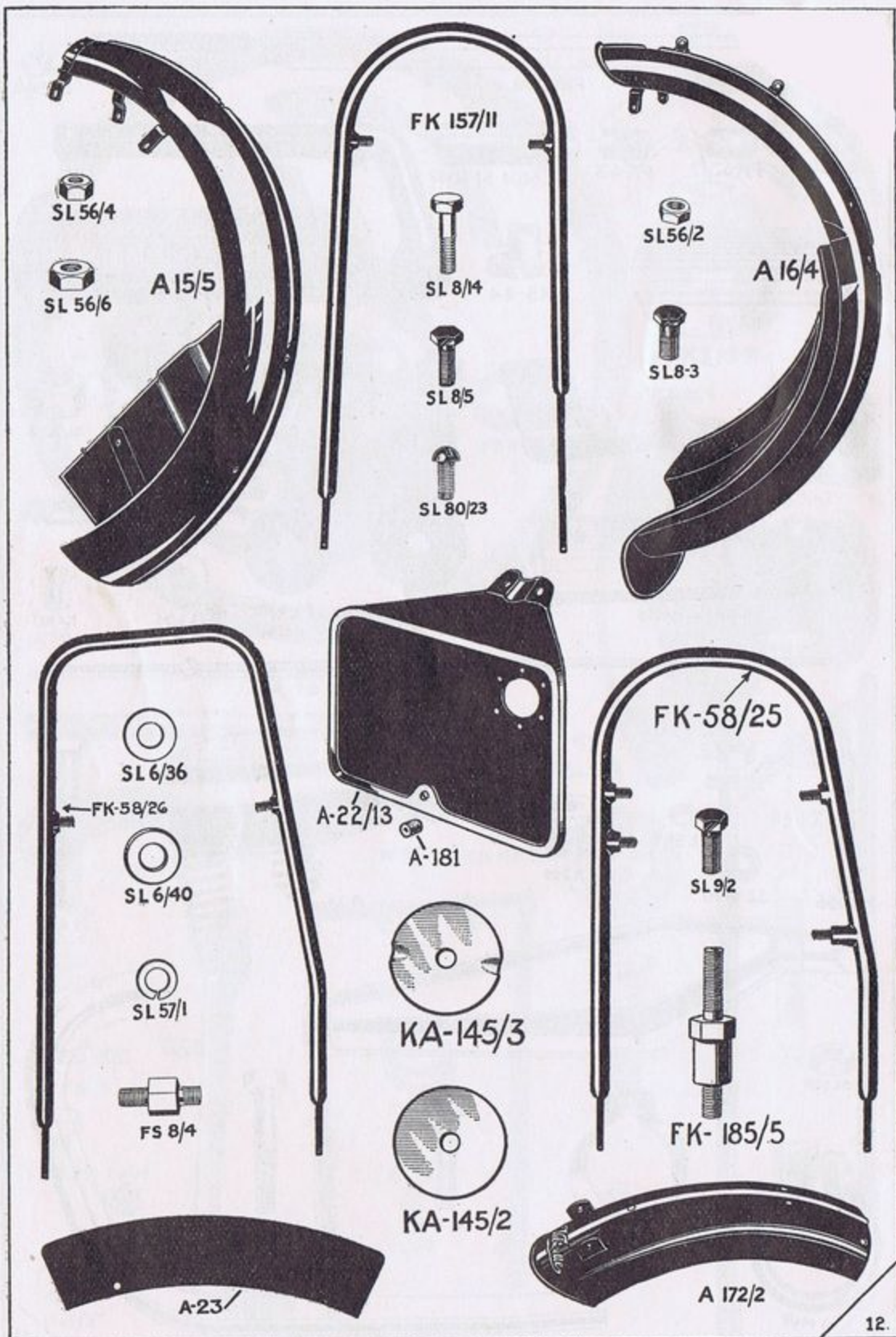


Illustration No. 12.

Part No.	Description.	Plate No.
SL56/4	Nut mudguard stay to mudguard	12
SL57/1	Spring washer for above	12
A23	Front number plate	12
SL80/23	2 BA pin for above	12
SL56/2	Nut for above	12
A15/5	Rear mudguard	12
A172/2	Rear mudguard extension	12
FK58/25	Rear mudguard vertical stay	12
FK58/26	Rear mudguard stay and lifting handle ..	12
SL56/4	Nuts mudguard and rear chain cover to stays	12
SL57/1	Spring washers for above	12
FK185/5	Silencer and stay bolt	12
SL56/6	Nuts for above	12
SL6/40	Plain washer for above	12
SL9/2	Bolt left hand stays to rear fork end ..	12
SL6/40	Plain washer for above	12
SL8/3	Bolts mudguard to bottom frame bridge and battery platform	
SL57/1	Spring washer for above	12
SL56/4	Nut for above	12
KA145/2	Strengthening plate for battery platform bolt	12
SL8/14	Bolt mudguard to seat stay bridge ..	12
SL57/1	Spring washer for above	12
SL56/4	Nuts for above	12
KA145/3	Strengthening plate for above and for bottom rear number plate bolt	12
SL8/3	Bolt extension to rear guard	
SL6/36	Plain washer for above	12
A22/13	Rear number plate	12
SL8/3	Bolt top of rear number plate to guard ..	12
SL6/36	Plain washer for above	12
SL57/1	Spring washer for above	12
SL56/4	Nut for above	12
SL8/5	Bolt bottom of number plate to guard ..	12
A181	Rubber buffer for above	12
SL57/1	Spring washer for above	12
SL56/4	Nut for above	12

TOOLBOX AND TOOL SECTION.

KA12/5	Toolbox	13
A63	Tool bag	13
A55/3	Sparking plug spanner	13
A57	Screwdriver	13
A58	2 B.A. spanner	13
A61	Pegged spanner	13
A64	Tyre lever	13
A65/2	Ball Head Spanner	13
A102	$\frac{1}{2}'' \times \frac{5}{16}''$ D.E. spanner	13
A101	$\frac{3}{8}'' \times \frac{7}{16}''$ D.E. spanner	13
A227	$\frac{7}{16}''$ tubular spanner and tommy bar ..	13
A228	$\frac{5}{16}''$ tubular spanner and tommy bar ..	13
A229	Tongued spanner for shock absorber nut	13
KA62/2	Clutch adjusting tool	13
KA51	Grease gun	13
KA119	Spanner for wheel bearing adjustment (shown as A119)	13
KA163	Valve spring compressor	13

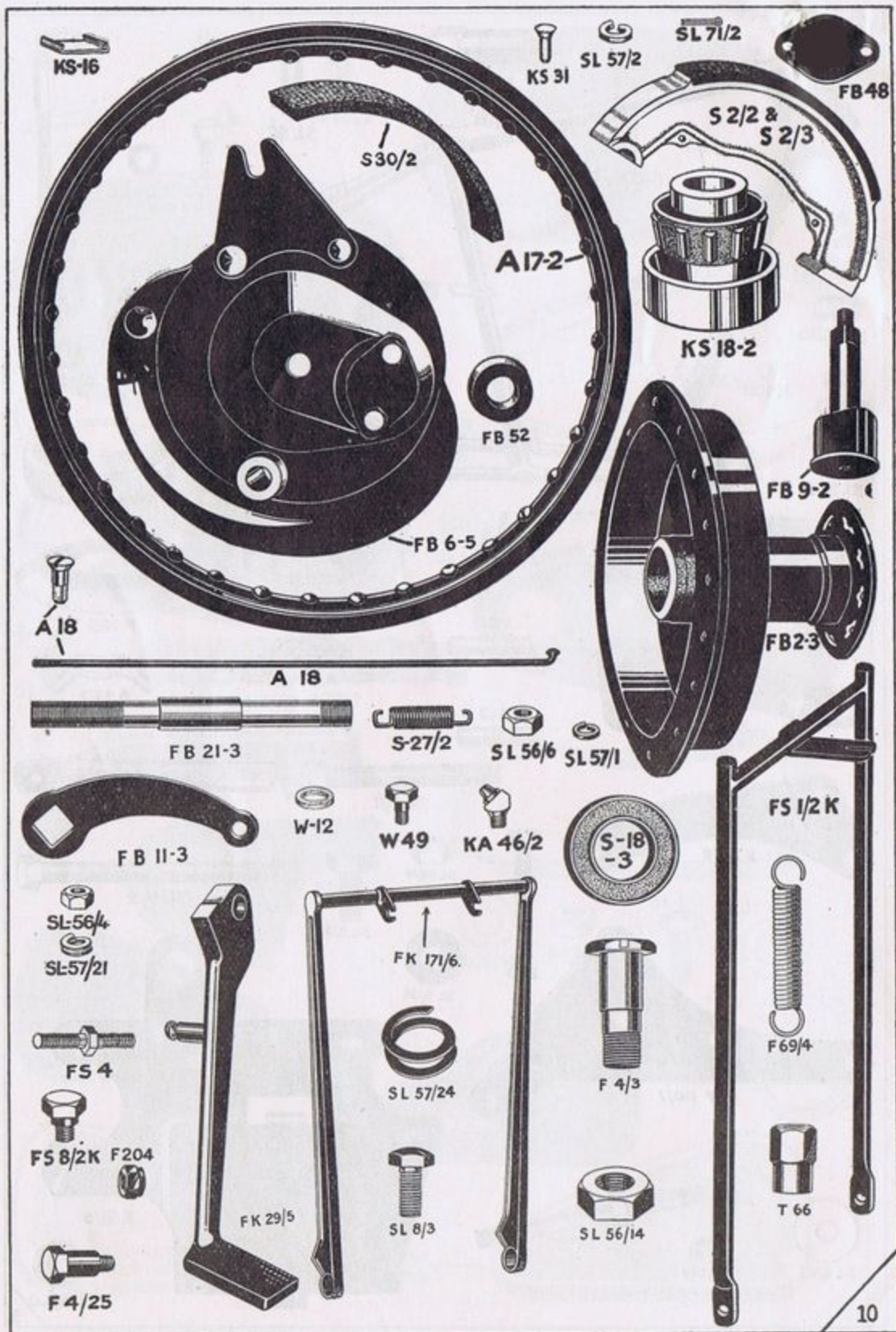


Illustration No. 10.

No.	Description	Plate No.
KA164/2	Valve grinding tool	
A25	Tyre inflator	13
A157	Licence holder	13
A157A	Glass for above	13
KA231	Tappet clearance gauge	—
KA232	Chain rivet extractor	—
KA233	Sparking Plug detacher	—

EXHAUST PIPE AND SILENCER SECTION.

A39	Exhaust pipe (MOV only)	11
A39/3	Exhaust pipe (as A39 illustration 11 but higher) for MAC only	—
M85	Silencer with baffle Obsolete see M85/3	11
M85/3	Silencer with fishtail. Replaces M85. ..	—
A142	Silencer baffle only	—
A141/3	Clip exhaust pipe to cylinder head ..	11
SL8/14	Bolt for above	11
A141/2	Clip silencer to exhaust pipe	11
SL8/8	Bolt for above	11
SL56/4	Nuts for above clip bolts	11
KA109/3	Fishtail with clip and bolt	—

FRONT WHEEL AND BRAKE SECTION.

A17/2	Wheel rim	10
A18	Spokes and nipples (36 per set)	10
	(Length must be stated when ordering).	
FB2/3	Front hub and brake drum	10
KS18/2	Taper roller bearing for hub	10
W60	Grease retaining washer (inside hub) for hubs not fitted with greasers.	
FB21/3	Hub spindle	10
S17/2	Spindle nuts	14
S19/2	Spindle washers	14
S9/2	Bearing adjusting nut ($\frac{3}{8}$ " thick)	14
S9	Lock nut for above ($\frac{1}{4}$ " thick)	14
S18/3	Dust Cap inner	10
FB10	Dust cap, outer	14
FB6/5	Brake plate, with speedo cover plate pins and fulcrum pin, etc.	10
FB52	Distance piece for above on spindle ..	10
FB9/2	Brake cam	10
FB11/3	Brake cam lever	10
FB60	Square hole washer for above	14
W12/2	Felt washer for cam spindle See W12 ..	10
SL57/2	Spring washer for brake cam	10
SL56/6	Nut for above	10
FB54	Shackle for cam spindle lever	14
FB55	Swivel pin for above	14
FB61	Felt washer for above	14
SL71/2	Split pin for swivel pin	10
S2/2 and		
S2/3	Brake shoes (supplied in pairs only) ..	10
S30/2	Brake shoe linings	10
KS31	Rivets for above	10
KS16	Steel ends for brake shoes.. .. .	10
S27/2	Spring for brake shoe	10
KA46/2	Greaser for hub	10
FB48	Speedometer cover plate on brake plate	10
W49	Bolts for above	10
SL57/1	Spring washer for above	10
A166	Speedometer driving gear in hub.. .. .	14

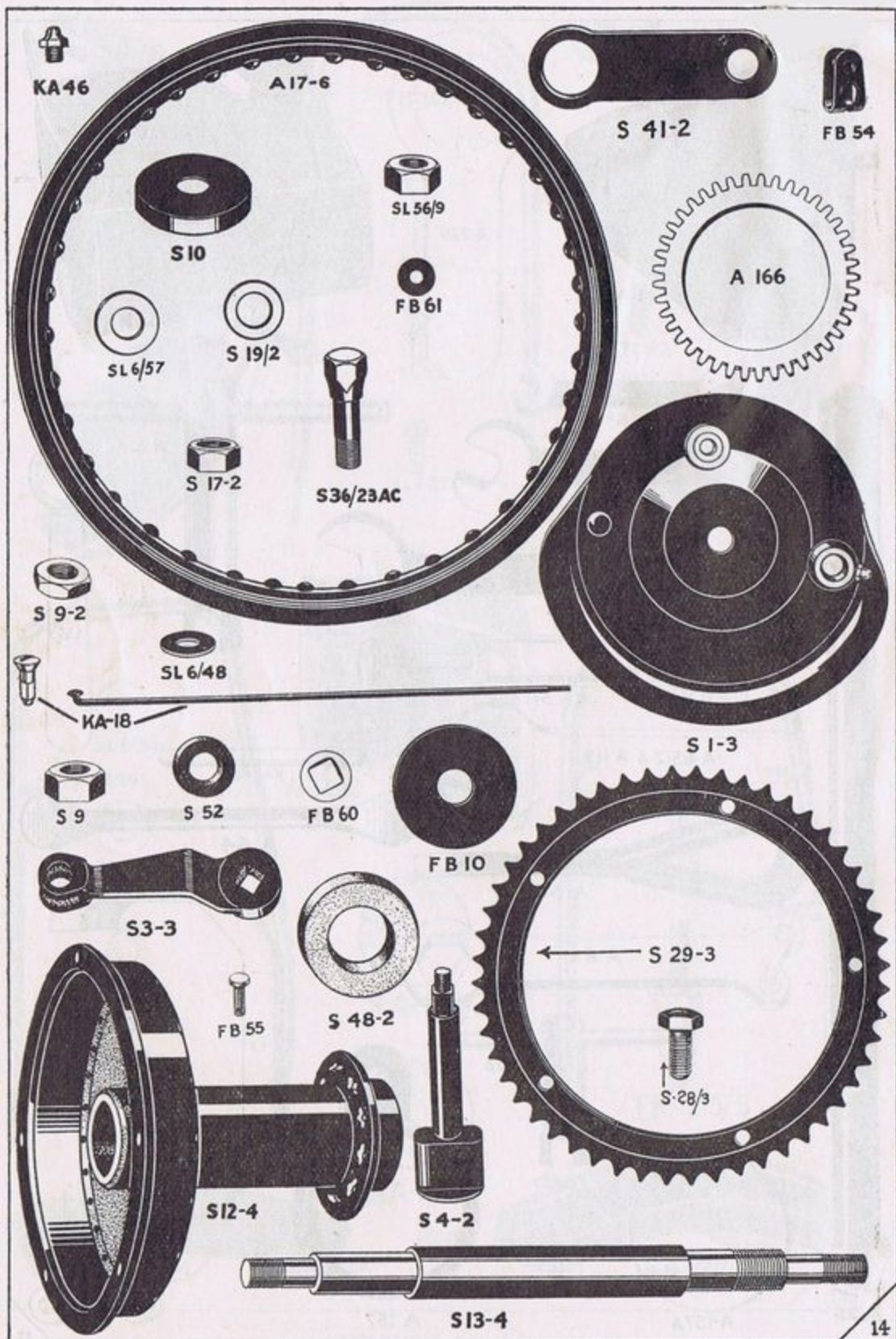


Illustration No. 14.

REAR WHEEL AND BRAKE SECTION.

Part No.	Description.	Plate No.
A17/6	Wheel rim	14
KA18	Spokes and nipples (40 per set)	14
	(Length must be stated when ordering)	
S12/4	Rear hub and brake drum	14
KA46/2	Greaser for hub	10
KS18/2	Taper roller bearing	10
W60	Grease retaining washer for hubs not fitted with Greasers	—
S13/4	Hub spindle	14
SL56/9	Spindle nuts	14
SL6/57	Spindle washers	14
S9	Bearing adjusting nut ($\frac{1}{4}$ " thick)	14
S9/2	Lock nut for above ($\frac{3}{8}$ " thick)	14
S18/3	Dust cap, inner	10
S10	Dust cap, outer	14
S52	Distance piece on spindle.	14
S48/2	Felt washer	14
S29/3	Rear chain wheel	14
S28/3	Bolts for above	14
SL57/2	Spring washer for above	10
SL56/6	Nuts for above	10
S1/3	Rear brake plate with fulcrum pin	14
S4/2	Brake cam	14
S3/3	Cam lever	14
SL57/2	Spring washer for above	10
SL56/6	Nut for above	10
KA46	Greaser for cam spindle	14
S41/2	Brake cam steady	14
S2/2 and S2/3	Brake shoes with linings (supplied in pairs only) $\frac{3}{4}$ " wide	10
S30/2	Brake linings. $\frac{3}{4}$ " wide	10
S2/4 & S2/5	Brake Shoes with linings ($\frac{7}{8}$ " wide) Supplied in pairs only	—
S30/3	Brake Linings ($\frac{7}{8}$ " wide)	—
KS31	Rivets for above	10
KS16	Steel ends for shoes	10
S27/2	Brake shoe springs	14
S36/23AC	Brake plate anchor pin	14
SL6/48	Plain washer for above	11

HANDLEBAR, CABLE AND CONTROL SECTION.

FK61/3	Handlebar bend (shown as F61/3)	15
A211	Twist grip sleeve	15
A216	Friction pad	15
A219	Spring for above	15
A220	Throttle twist grip rubber	15
A225	Dummy grip rubber	15
A234	Throttle inner wire, with nipples	15
A235	Throttle outer casing	15
A222	Holding sleeve for outer casing twist grip end	15
A223	Holding sleeve for outer casing carburetter end	—
A224	Clamping nuts for above	15
A213	Bracket sleeve to handlebar	15
SL80/22	2 BA pin for above	15
SL56/2	2 BA nut for above	15
A36/2	Ignition lever complete	15
A36/3	Air lever complete	15
A72/4	Exhaust lifter lever complete	15

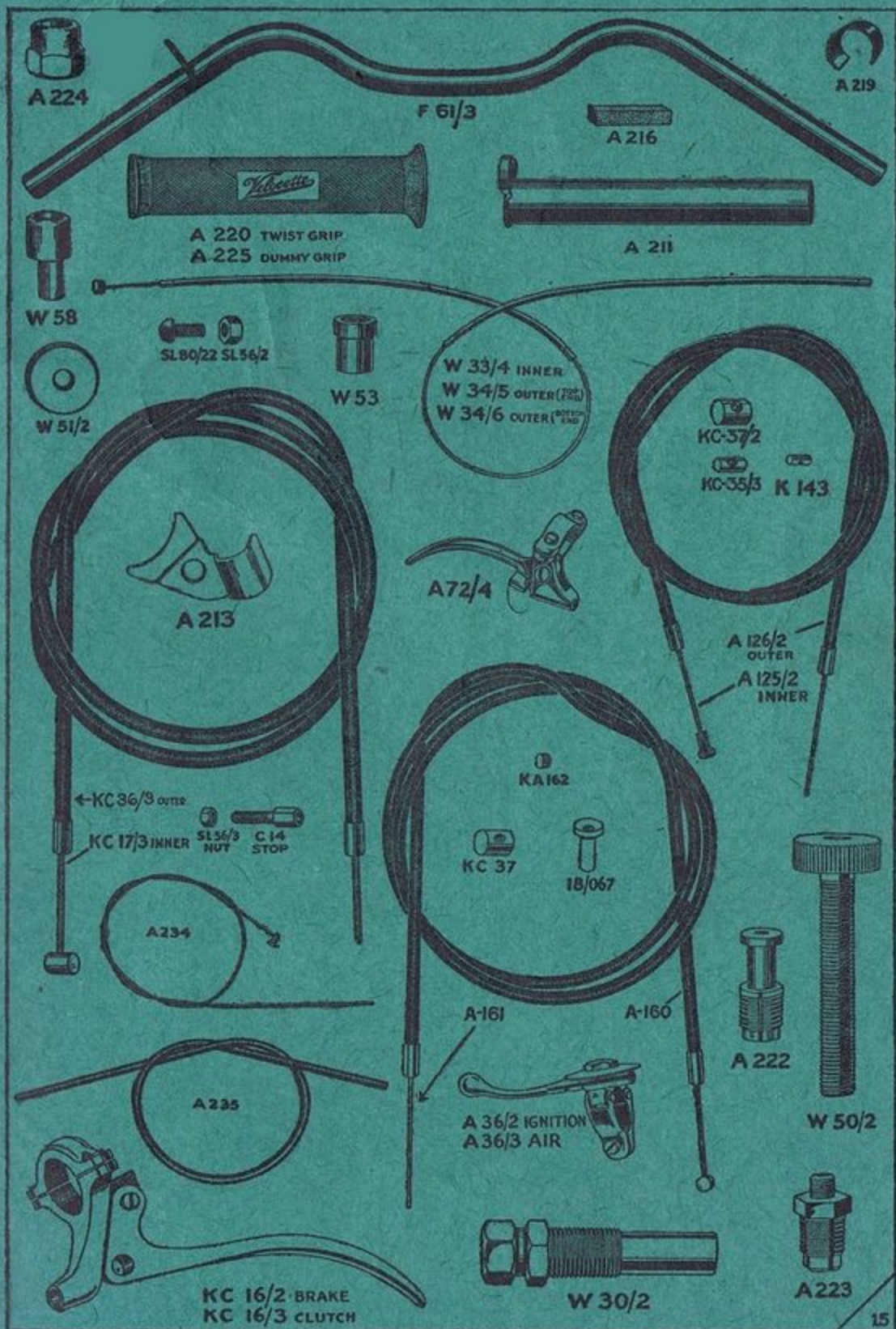


Illustration No. 15.

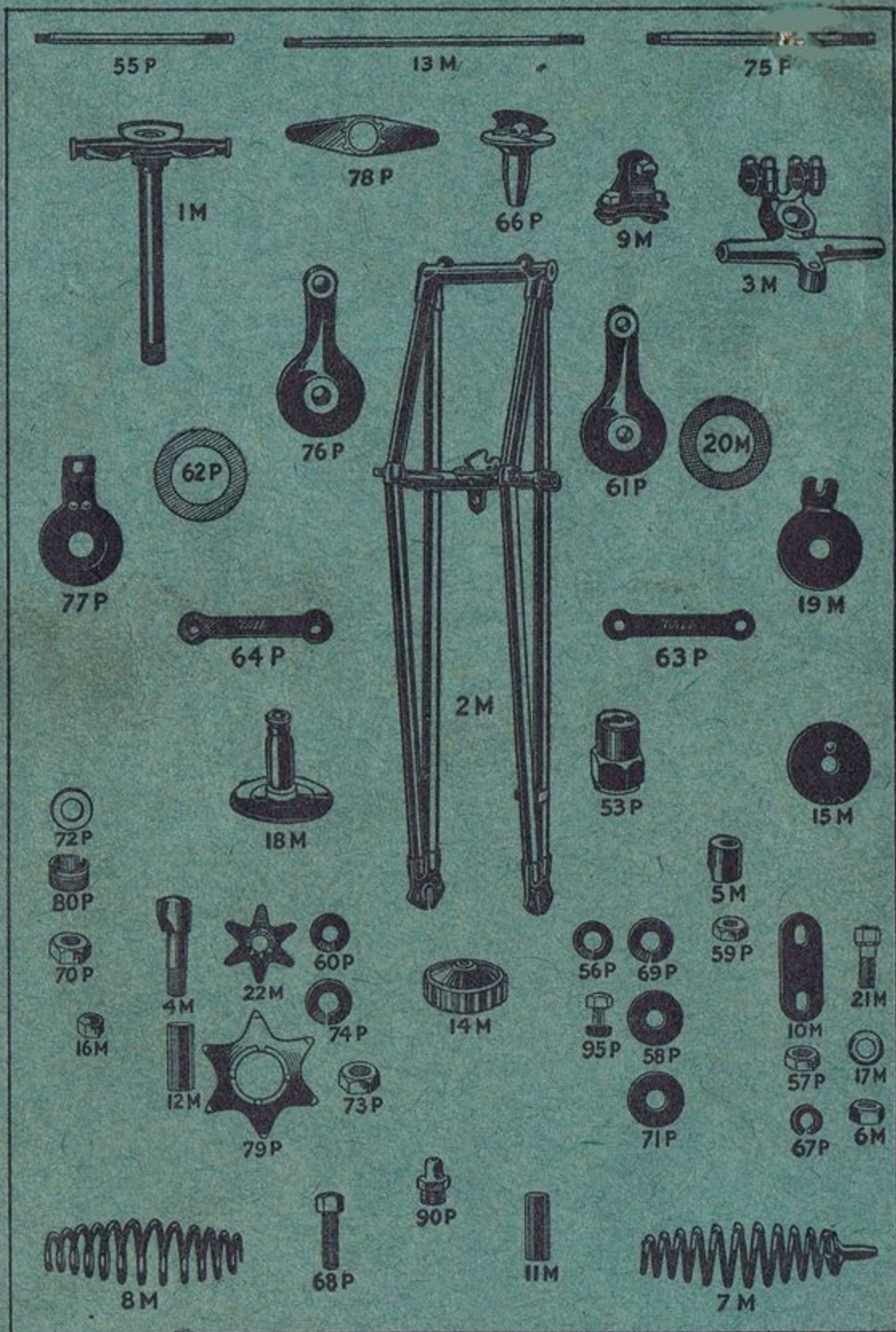


Illustration No. 16.

Part No.	Description.	Plate No.
KC16/2	Front brake lever complete	15
KC16/3	Clutch lever complete	15
KC17/3	Clutch inner wire with lever nipple	15
KC36/3	Clutch outer casing	15
KC37/2	Nipple for clutch cable lever end	15
KC35/2	Nipple for clutch cable gearbox end	15
A125/2	Exhaust lifter inner wire with lever nipple	15
A126/2	Outer casing for above	15
C14	Cable stop for above.. ..	15
SL56/3	Lock nut for above	15
18/067	Nipple lever end	15
K143	Nipple engine end	15
W33/4	Front brake cable with lever nipple	15
W34/2	Outer casing for above top end (shown as W34/5)	15
W34/3	Outer casing for above bottom end (shown as W34/6)	15
KC37	Nipple lever end	15
18/067	Nipple brake end	15
W58	Cable stop on brake plate	15
W50/2	Hand adjuster	15
W51/2	Lock nut for above	15
W30/2	Adjuster body with nut for fork	15
W53	Cable stop for above.. ..	15
A161	Ignition control cable with lever nipple	15
A160	Outer casing for above	15
KA162	Nipple handlebar end	15

FRONT FORK AND STEERING DAMPER SECTION.

300 B & D	Fork Complete	—
1M	Column, less greasers and lock nut	16
2M	Girder, less greasers	16
3M	Top clip (Integral)	16
4M	Top clip bolt	16
5M	Top clip bolt sleeve	16
6M	Top clip bolt nut	16
53P	Column lock nut	16
68P	Spring lug pin	16
55P	Top spindle	16
57P	Top spindle nut R/H	16
59P	Top spindle nut L/H	16
56P	Ditto washer R/H $\frac{3}{8}$ " spring	16
60P	Ditto ,, L/H $\frac{5}{16}$ " spring	16
58P	Ditto ,, $\frac{3}{8}$ " plain	16
75P	Bottom spindle	16
73P	Bottom spindle nut R/H	16
70P	Bottom spindle nut L/H	16
74P	Bottom spindle washer R/H $\frac{7}{16}$ " spring	16
69P	Bottom spindle washer L/H $\frac{3}{8}$ " spring	16
72P	Bottom spindle washer $\frac{7}{16}$ " plain inside	16
71P	Bottom spindle washer $\frac{7}{16}$ " plain	16
77P	Carrier Plate	16
79P	Star Washer	16
78P	Hand adjuster for damper	16
80P	Screwed sleeve for hand adjuster	16
62P	Friction Disc	16

Part No.	Description.	Plate No.
76P	Bottom link, R.H. screwed hole	16
61P	Bottom link, L.H. plain hole	16
64P	Top link, R.H. screwed hole	16
63P	Top link, L.H. plain hole	16
KA46	Greaser as illustrated 90P	16
8M	Spring less lug	16
67P	Spring lug washer	16
9M	Mudguard bracket complete	16
10M	Mudguard plate	16
95P	Mudguard plate, nuts and bolts	16
11M	Top girder bush	16
12M	Bottom girder bush	16
13M	Steering damper rod	16
14M knob (small)	16
15M locating plate	16
16M helmet nut	16
17M bevel washer	16
18M plate and sleeve	16
19M anchor plate	16
20M friction disc	16
21M	Handlebar lug pin	16
22M	Steering damper star spring	16
66P	Spring lug	16

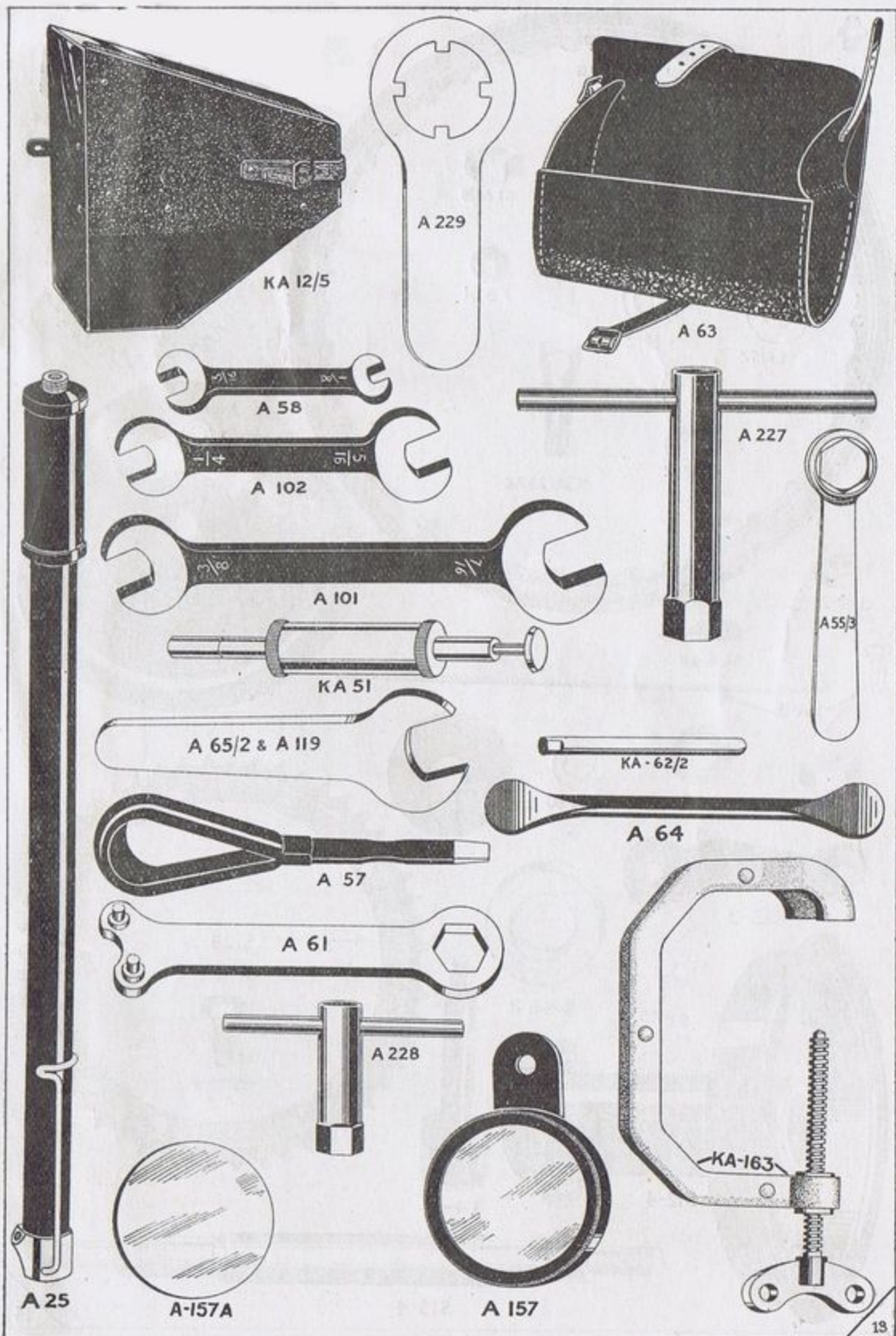


Illustration No. 13.