## LIST OF PARTS

# Ransomes M.G.5 TRACTOR

Ransomes Sims & Jefferies, Ltd.
ORWELL WORKS - IPSWICH

H.C. 519 Printed in England.

## SPECIAL INSTRUCTIONS TO BE NOTED WHEN ORDERING SPARE PARTS.

When ordering spares the registered numbers of the tractor and engine must be quoted, as well as the mark and description of the part required. The tractor number appears on a plate fixed to the back of the machine and the engine number is stamped on the crankcase above the inspection plate.

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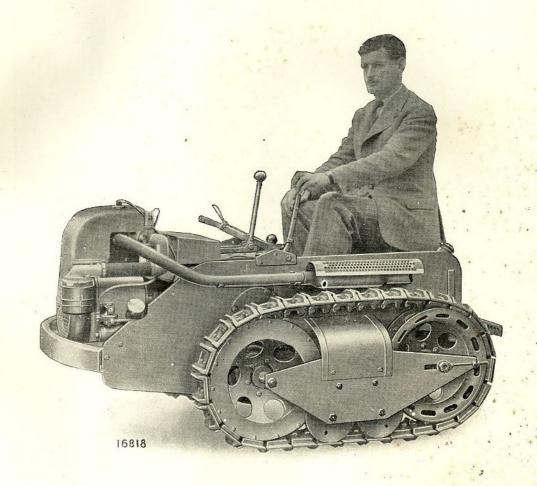
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## LIST OF PARTS

for

# RANSOMES M.G.5 TRACTOR



# RANSOMES SIMS & JEFFERIES, LTD.

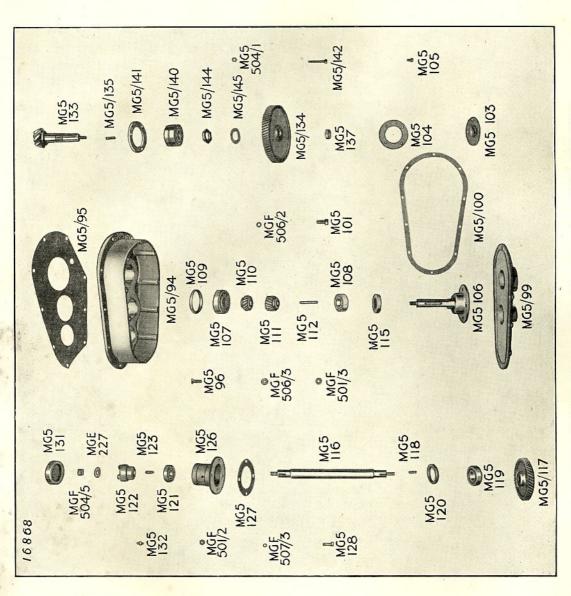
ORWELL WORKS

IPSWICE

MAIN FRAME SECTION

	NO. PER	PRICE.	
MARK.	MACH.	EACH.	DESCRIPTION.
	-		
			No. D. Castian
			Main Frame Section
MA/1	1		Seat complete with seat plate, rivets and studs, comprising:
The state of the s			1 OP.258; 1 MG5/53; 4 MG5/58; 4 MGF/506/1;
			2 MG5/60; 2 MGF/504/3.
MG5/1	1		Main Frame Assembly. Floor plate securing screws $\frac{5}{16}$ dia. $\times \frac{3}{4}$ long.
MG5/9	4		Floor plate securing serews 16 dia. 74 long.
MG5/16A/ MGE/157	1		Gear box top plate with filler cap.
MG5/18	1 set		Jointing for top plate.
MG5/19	1		Brake lever bracket, L.H.
MG5/20	1		Brake lever bracket, R.H.
MG5/21	4		Securing screws for ditto \(\frac{1}{4}\)" BSF c'sk. \(\frac{3}{4}\)" long.
MG5/24	4		Securing screws—brake lever bracket to gear box top plate. 4" BSF. Hex. 1" long.
MC5/36	1		Floor plate.
MG5/36 MG5/37	1		Bumper bar assembly.
MG5/44	i		Drawbar.
MG5/45	1		Pin for ditto. ½" dia. cup hd. Rivet 2" long.
MG5/46/7	1		Drawbar quadrant and tie bar.
MG5/48	4		Drawbar quadrant securing screw.
MG5/50	1		Drawbar locating pin. ½" dia. cup hd. Rivet 2½" long.
MG5/54	2 2		Seat spring. Wearing strips.
MG5/62 MG5/63	4		Securing screws for ditto, \(\frac{3}{2}\)" BSF, c'sk, hd. \(\frac{7}{2}\)" long.
MG5/66A	4		Securing bolts—Eng. to base. ½" BSF. $2\frac{1}{8}$ " long 1" thread.
MG5/69	2		Covers for baseplate.
MG5/70	4		Screws for ditto. 5 BSF. hex. hd. 2 long.
MG5/105	1		Securing screw for gearbox top plate. 4" B.S.F. Hex. hd.
MCE/51	1		½" long. Drain plug for baseplate.
MGE/51 MGE/52	1		Washer for ditto.
MGE/96 ‡			Oil filler cap.
MGE/157	§ 1		Oil filler cap.
MGE/187	11		Securing screws for gear box top plate. 4" BSF. 4" long.
MGE/221	4		Securing bolt for seat spring. $\frac{3}{8}$ BSF. hex. $\times \frac{7}{8}$ long. Bumper securing screw. $\frac{3}{8}$ BSF. Hex. $\times \frac{7}{8}$ long.
MGF/501/1	4		Nuts for brake lever bracket securing screw 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	8 11		Nuts for gear box top plate securing screw BSF.
MGF/501/2	4		Nuts for floor plate securing screw. 5" BSF.
MGF/501/3	4		Nuts for bumper securing bolts
,,	4		Nuts for seat spring securing bolts 3" BSF.
,,	4		Nuts for wearing strip securing screws
MGF/504/3	2 4		Nuts for bolts—seat plate to spring. $\frac{3}{8}$ " BSF. self-locking. Nuts for securing bolts eng. to base. $\frac{1}{2}$ " BSF. self-locking.
MGF/504/5	4		Washer for securing bolts eng. to base. ½" bright.
MGF/506/5 MGF/507/2	8		Spring washer for brake lever bracket securing screw. \(\frac{1}{2}\).
MGF/507/2	12		Spring washer for top plate securing screw.
MGF/507/3	4		Spring washer for floor plate securing screws. $\frac{5}{16}$ ".
,,	4		Spring washer for screws for baseplate covers.

<sup>‡</sup> Denotes not illustrated. || Denotes fitted to Tractors up to and including Tractor No. 5874.



REDUCTION GEAR AND POWER TAKE-OFF SECTION

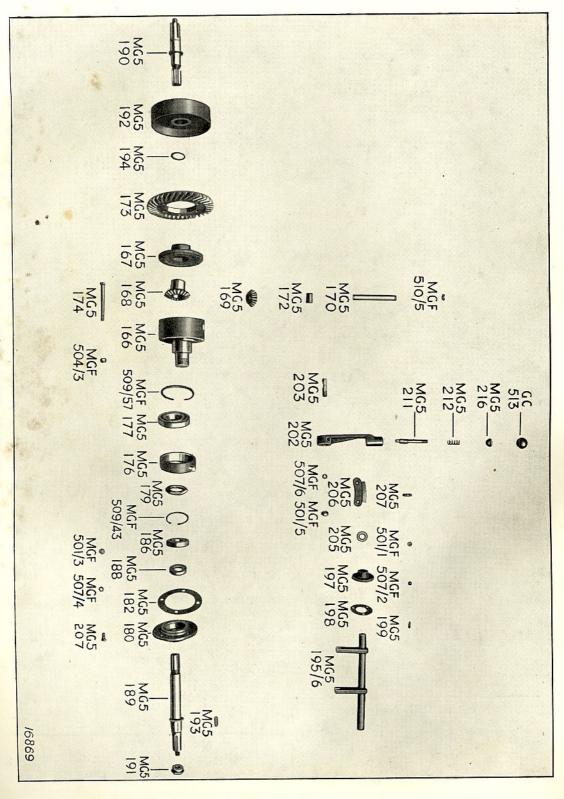
MARK.	NO. PER MACH.	PRICE EACH.	DESCRIPTION.
MGF/507/4 " " PSF/836/D	4 4 4 4 1 1		Main Frame Section—continued.  Spring washer for bumper securing bolts.  Spring washer for drawbar quadrant securing bolts  Spring washer for wearing strip securing screws  Spring washer for seat spring securing bolts.  Spring clip for drawbar pin.  Spring clip for drawbar locating pin.
		*	Reduction Gear & Power Take-off Section
MG5/94 MG5/95 MG5/96 MG5/99 MG5/100 MG5/103 MG5/104 MG5/105 MG5/106 MG5/107 MG5/108 "MG5/110 MG5/111 MG5/112 MG5/112 MG5/115 MG5/115 MG5/116 MG5/117 MG5/118 MG5/119 MG5/120 MG5/120 MG5/121 MG5/122 MG5/123 MG5/123 MG5/124 MG5/128 MG5/128 MG5/128 MG5/128 MG5/128 MG5/131 MG5/132 MG5/133	1		Gear case. Gasket for ditto. Gear case securing screws. 3/8" BSF. hex. hd. 11/8" long. Gear case cover. Gasket for ditto. Gear case cover plate. Joint for ditto. Securing screws for ditto. 1/4" BSF. hex. hd. 1/2" long. Input shaft. Deep groove single row ball bearings for input shaft. No. 6405. Double row self-aligning bearings for input shaft. RM8. Double row self-aligning bearings for bevel pinion shaft. RM8. Distance ring for ball bearings. Pinion for P.T.O. shaft. Pinion—power input. Key for pinions. Oil seal for input shaft. Power shaft. Gear wheel for ditto Key for ditto Deep groove single row ball bearings for power shaft. RMS8 Distance ring for ball bearings. Double row self-aligning bearing for power shaft. RL8. Dog clutch. Key for ditto. Power shaft housing. Joint for ditto. Housing securing screws. 5/16" BSF. hex. hd. 11/8" long. Cover securing screws. 5/16" BSF. hex. hd. 11/8" long. Housing cover plate. Grease lubricator for housing. Bevel pinion shaft. (Only supplied with bevel wheels MG5/173).

	PRICE EACH.	NO.PER MACH.	MARK.
Reduction Gear & Power Take-off Section—continue			
Gear wheel for ditto.		1	MG5/134
Key for ditto.		1	MG5/135
Distance ring for ball bearings.		1	MG5/137
Washer for bevel pinion shaft.		‡ 1	MG5/138
Taper roller bearing. Timken 26118/26282.		1	MG5/140
Retaining ring for ditto.		1	MG5/141
Bolts for ditto. $\frac{1}{4}$ BSF, hex. hd. $2\frac{1}{4}$ long $\frac{1}{2}$ thread.		3	MG5/142
Bearing locknut.			MG5/144
Lockwasher for ditto.		1	MG5/145
Collar for power shaft		‡ 1 ‡ 1 ‡ 1 ‡ 1	MG5/146
Short distance piece.		1	MG5/148 § :
Long distance piece.		1	MG5/148 § : MG5/149 § : MG5/152 §
Ball bearings. SKF/3306 B.			
Washer for input shaft.		1	MGE/227
Washers for power shaft.		2 4	,,
Nuts for housing securing screws.			MGF/501/2
Nuts for gear case securing bolts.  Nuts for bolts for retaining ring.		9	MGF/501/3
Nut for input shaft.		3	MGF/504/1
Nut for power shaft.		1	MGF/504/5
Nut for bevel pinion shaft.		† 2	MGF/504/7
Washers for gear case cover securing screws.		10	MGF/506/2
Washers for gear case securing bolts.		9	MGF/506/3
Washers for housing securing screws.		4	MGF/507/3
Lockwasher for gear case screws. $\frac{3}{8}$ "	,	† 9	MGF/508/4

Note.—Bearings MG5/140 and MG5/152 are not interchangeable with each other.

Denotes fitted to Tractors up to and including Tractor No. 5874.
Denotes not illustrated.

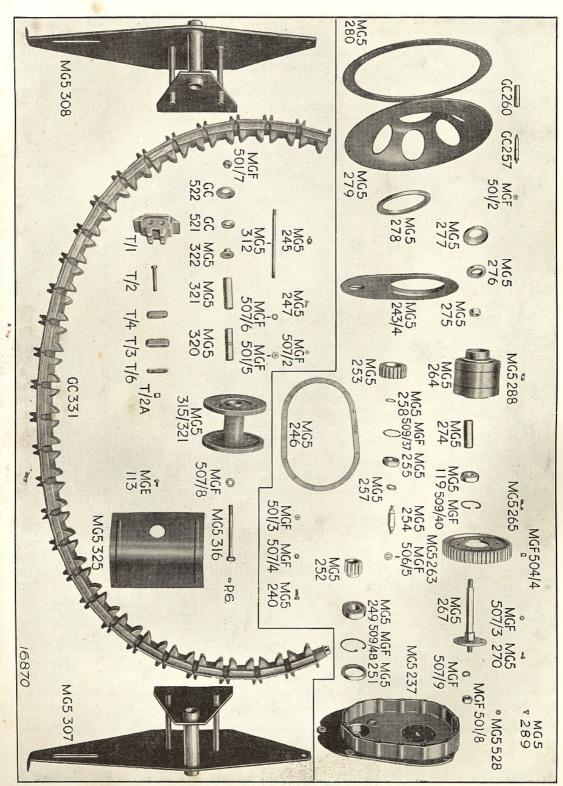
Denotes fitted to Tractor No. 5875 and onwards.



GEAR BOX SECTION

	MARK.	NO. PER MACH.	PRICE EACH.	DESCRIPTION.
	*			Gear Box Section
	MG5/166	1		Differential gear housing.
	MG5/167	1		Differential gear cover.
	MG5/168	2		Differential bevel gear.
	MG5/169	2 2		Differential bevel pinion.
	MG5/170	1		Differential gear pin.
	MG5/172	2		Bevel pinion thrust pad.
	MG5/173	1.Set		2 spiral bevel wheels, 1 forward, 1 reverse with pinion MG5/133. (Not supplied separately).
	MG5/174	6		Bolts for ditto. $\frac{3}{8}$ " BSF. hex. $\times 4\frac{3}{4}$ " $\times \frac{3}{4}$ " thread.
	MG5/176	1		Housing for thrust bearing.
	MG5/177	1		Thrust bearing. RLS15.
	MG5/179	2		Bearing locknut.
	MG5/180	2		Differential shaft housing.
	MG5/182	2		Joint for housing.
	MG5/186	2		Ball bearing for shaft housing. RL10.
	MG5/188	2		Oil seal.
	MG5/189	1		Differential shaft, R.H.
	MG5/190	1		Differential shaft, L.H.
	MG5/191	2		Nuts for ditto.
	MG5/192			Brake drum.
	MG5/193	2		Key for ditto.
33	MG5/194	2 2 2		Joint for brake drum.
	MG5/195/6	1		Gear change shaft and fork.
	MG5/197	2		Shaft bearing.
	MG5/198	1		Joint for ditto.
*	MG5/199	6		Securing studs.
	MG5/202	1		Gear change lever
	MG5/203	1		Cotter pin for ditto.
	MG5/205	1		Felt washer for lever.
	MG5/206	1	40	Quadrant.
	MG5/207	2		Screws for quadrant.
	MG5/207	8		Securing bolts for diff. shaft housing.
	MG5/211	1		Gear lever plunger.
	MG5/212	1		Spring for ditto.
	MG5/216	1		Nut for gear change lever.
	MG5/217	2 2		Filter gauze.
				Washer for ditto.
	MGF/501/1	6		Nuts for shaft bearing securing studs.
	MGF/501/3	8		Nuts for diff. shaft housing securing bolts.
	,,	4		Nuts for studs for quadrant.
	MGF/501/5	1		Nut for cotter pin for gear change lever.
	MGF/504/3	6		Nuts for bolts for spiral bevel wheel.
	MGF/507/2	6		Washers for shaft bearing securing studs.
	MGF/507/4	8		Washers for diff. shaft housing securing bolts.
	"	2		Washers for studs for quadrants.
	MGF/507/6	1		Washer for cotter pin for gear change lever.
	MGF/509/15:	2		Internal circlip $\frac{7}{8}$ dia. for gauze filter.
	MGF/509/43	2		Circlip for shaft housing. $2\frac{3}{4}$ internal.
	MGF/509/57	1		Circlip for thrust bearing. 4" internal.
	MGF/510/5	2		Circlips for diff. gearpin. 3/4" external.
	GC/513	1 1		Gear change lever knob.

<sup>‡</sup> Denotes not illustrated.



FINAL DRIVE, DRIVING WHEEL, TRACK AND LOAD ROLLER SECTION

70-704-40%,×040	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION.
			Final Drive and Driving Wheel Section
MG5/110 *			Ball bearing for stub axle. RMS.8.
WIO 5/115	1		Bull couring for state anner
MG5/237	2		Final drive gear case.
MG5/240	13		Gear case securing bolts. 3" BSF. hex. hd. 14" long.
MG5/243/244	2		Gear case cover plate and boss.
MG5/245	2		Lubricator for ditto. 18 B.S.P.
MG5/246	2		Gasket for cover plate.
MG5/247	28		Securing screws for cover plate. 1 BSF. hex. hd. 16 long
MG5/249	2		Ball bearing for diff. shaft. RM10.
	2		Oil seal.
MG5/251			
MG5/252	2 2 2		Final drive pinion.
MG5/253	2	- 800	Intermediate pinion.
MG5/254	2		Pinion shaft.
MG5/255	. 4		Ball bearings for pinion shaft. RLS.8.
MG5/257	4		Distance piece for pinion shaft.
MG5/258	2		Distance piece for pinion shaft.
MG5/263	* 2 2 2		Final drive gear.
	* 2		Driving wheel hub.
MG5/265	* 24		Studs for ditto. $\frac{7}{16}$ " dia. $\times 1\frac{3}{8}$ " long.
	2		Stub axle.
MG5/267	12		Securing screws for ditto. $\frac{5}{16}$ BSF. hex. hd. $\frac{11}{16}$ long.
MG5/270	12		
MOSIZIT	* 2		Distance piece for ball bearing.
MOSIZIS	* 2	4	Distance piece for oil seal.
14103/2/0	* 2 * 2 * 2 * 2 * 2 * 2 * 2 * 2 * 2		Oil seal for stub axle.
MG5/277	* 2		Oil seal cover.
MG5/278	† 2		Oil seal for driving wheel hub. ESFIX.
	* 2		Driving wheel disc.
MG5/280 (h)	* 2		Ring for ditto.
MG5/289	2		Oil filler plug for driving wheel hub
	4		Oil level plug for gear case.
MG5/289	11 61		Securing stud for gear case $\frac{3}{8}$ BSF $\times$ $1\frac{5}{8}$ long.
MG5/290	† 1		
MG5/528	4		Fibre washer for oil level plugs.
MGE/113 ‡ (a			Set screw for spokes for driving wheel. $\frac{5}{16}$ BSF $\times \frac{3}{4}$ long.
GC/257	* 30		Driving wheel pin with 2 nuts.
GC.260	* 30		Driving wheel pin roller.
MGF/501/2	* 60		Nuts for driving wheel pins.
MGF/501/2 (a	1)		Nuts for setscrews for spokes $\frac{5}{16}$ " BSF.
MGF/501/3	15		Nuts for gear case securing bolts.
MGF/501/5	2		Nuts for pinion shaft.
MGF/501/8	4		Nuts for stub axles.
			Locknut for pinion shaft.
	‡ 2 * 24		Nute for stude for driving wheel hub
WIGI / 304/4	27		Nuts for studs for driving wheel hub.
MGF/506/5	4		Washer for pinion shaft.
MGF/507/2	28		Washer for cover plate securing screw.
MGF/507/3	12		Washer for stub axle securing screws.
MGF/507/3 (a			Lockwashers for setscrews for spokes, $\frac{5}{16}$ ".
MGF/507/4	15		Washer for gear case securing bolts.
MGF/507/5	± 24		Locking washer for studs for driving wheel hub.
MGF/507/6	4 4		Washer for pinion shaft.

<sup>\*</sup> Denotes also supplied as part of assembly. 

(a) Denotes used on Tractor No. 6326 and onwards.

(b) This item will be supplied with spokes MG5/291. These are not welded to the rim but must be welded to suit the individual wheel to which the rim is to be assembled. These spokes are a standard fitting to Tractors Nos. 6326 and onwards but can be fitted to earlier tractors by drilling the wheel disc.

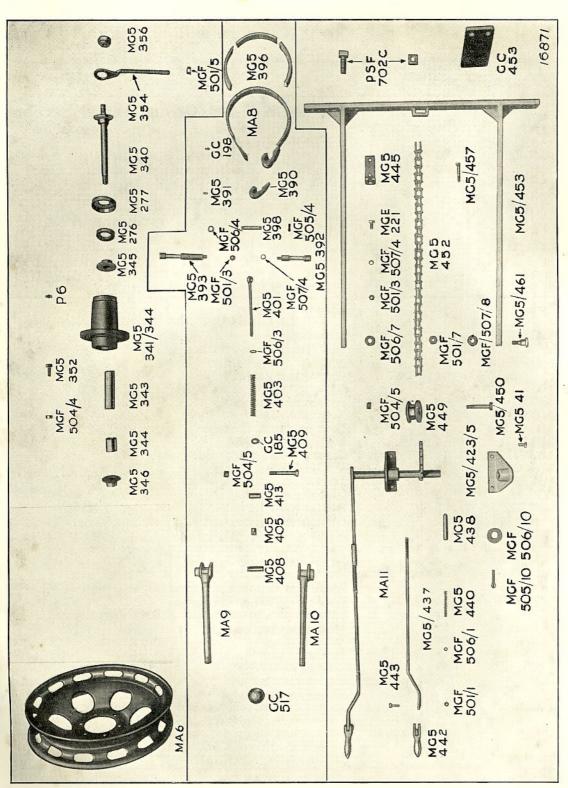
	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION.
MGF/507/9 MGF/508/4			Final Drive and Driving Wheel Section—continued.  Washer for stub axle. Lockwashers for gear case securing screws, \(\frac{3}{8}\)". Circlip for pinion shaft bearings. \(2\frac{1}{4}\)" internal. Circlip for stub axle bearings. \(2\frac{1}{2}\)" internal. Circlips for diff. shaft ball bearings. \(3\frac{1}{8}\)" internal. Driving wheels complete, comprising:—  1 MG5/279; 1 MG5/280; 15 GC.257; 15 GC.260; 30 MGF.501/2 Driving wheel hub complete, comprising:—  1 MG5/264; 12 MG5/265; 2 MG5/119; 2 MG5/273; 1 MG5/274; 1 MG5/275; 1 MG5/276; 1 MG5/277; 12 MGF/504/4.
MG5/70 (e) ‡ MG5/307/9/10/11 MG5/308/9/ 10/11 MG5/312 MG5/315/321 * MG5/316 * MG5/320 * MG5/321 * MG5/322 * MG5/325 * GC/521 * GC/522 * MGE/113 (d) MGF/501/2 (d) MGF/501/5 * MGF/501/7 * MGF/507/3 * MGF/507/3 * MGF/507/8 * P/6 * T/1 T/2 T/2A T/3 T/4 T/6 MA/4 ‡ MA/5 ‡	1 4 4 4 4 8 2 2 8 8 4 4 8 4 8 8		Load Roller and Track Section  Setscrew for mudguard. \( \frac{5}{16} \) BSF. hex. \( \frac{1}{2} \) long.  Outer frame. R.H. complete.  Securing bolts for ditto. \( \frac{1}{2} \) BSF. \( \times \frac{9}{8} \) long.  Load rollers with bush.  Roller spindle.  Load roller distance tube.  Bush for load roller.  Collar for load roller seal.  Mud guard.  Tracks.  Oil seal for load roller.  Pressed cover for ditto.  Bolts for mud guard. \( \frac{5}{16} \) BSF. hex. hd. \( \frac{3}{4} \) long.  Nuts for bolts for outer frames distance tubes.  Nuts for roller spindle.  Washer for bolts for mud guard.  Washer for bolts for mud guard.  Washer for load roller spindle.  Lubricator for roller spindle. \( \frac{1}{4} \) BSF. short thread.  Track casting.  Track bolt.  Nut for track bolt.  Centre rubber.  Main rubber.  Main rubber.  Spindle for load rollers complete, comprising:  1 MG5/316; 1 P/6; 1 MGF/501/7; 1 MGF/507/8.  Load rollers complete, comprising:  1 MG5/315; 1 MG5/320; 1 MG5/321; 2 MG5/322

<sup>‡</sup> Denotes not illustrated.

<sup>\*</sup> Denotes also supplied as part of assembly.

(d) Denotes fitted to Tractors up to and including Tractor No. 6788.

(e) Denotes fitted to Tractor No. 6789 and onwards.



(TOP) IDLER WHEEL SECTION; (CENTRE) STEERING BRAKES SECTION; (BOTTOM) TOOLBAR LIFTING GEAR AND TOOLBAR FRAME SECTION

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
			Idler Wheel Section
MG5/276	* 4		Oil seal.
	* 4		Oil seal cover.
MG5/340			Idler wheel axle.
	* 2 * 2 * 4		Idler wheel hub with bushes.
	* 2		Distance tube for hub.
MOSISAS	* 4		Bush for hub.
MG5/344 MG5/345	* 2		Collar for oil seal. (Inner).
	* 2		Collar for oil seal. (Outer).
MG5/346	12		Bolts, disc to hub.
MG5/352	4		Track adjusting screw and nut.
MG5/354	4		Axle nuts.
MG5/356			Nuts for track adjusting screw.
MGF/501/5	8		Nuts for bolts, disc to hub.
MGF/504/4	12		Leaking weaker for helt dies to hub
MGF/507/5	12		Locking washer for bolt—disc to hub.
1/0	-		Lubricator for idler wheel hub.
MA/6	2		Idler wheel complete.
MA/7	‡ 2		Idler hub complete, comprising: 1 MG5/340: 1 MG5/341: 1 P/6: 1 MG5/343
			1 MG5/340; 1 MG5/341; 1 P/6; 1 MG5/343
			2 MG5/344; 1 MG5/345; 1 MG5/346; 2 MG5/276 2 MG5/277; 2 MG5/356.
			Steering Brakes Section
MG5/390	* 2		Anchor for brake band.
MG5/391	* 2 * 8		Rivets for anchor.
MG5/392	1		Anchor pin (short).
MG5/393	1		Anchor pin (long).
MG5/396	* 6		Brake band linings.
MG5/398	2		Pivot pin for brake band, with 2 split pins.
MG5/401	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Adjusting screw.
MG5/403	2		Spring for brake.
MG5/405	2		Adjusting nut.
MG5/408	2		Bush for brake lever.
MG5/409	2		Pivot bolt for brake lever.
MG5/413	2		Trunnion for adjusting screw.
MG5/414	‡ 2		Stop tube.
GC/185	7 2		Rubber washer for adjusting screw.
GC/198	* 36		Rivets for brake band linings.
GC/517	2		Brake lever knob.
MGF/501/3	2		Nuts for anchor pin.
MGF/504/5	2 2		Nuts for pivot bolt.
MGF/505/1	4		Split pin.
MGF/506/4	4		Washers for adjusting screws.
MGF/506/4	4		Washers for pivot pin.
MGF/507/4	2		Lock washers for anchor pin.
MA/8	2 2		Brake band complete with linings, etc., comprising:
IVIA, 0	2		1 MG5/389; 1 MG5/390; 4 MG5/391; 3 MG5/396 18 GC/198.
MA/9	1		Brake lever with boss R.H. comprising:
			1 MG5/411 : 1 MG5/407.
MA/10	1		Brake lever with boss L.H. comprising:
			1 MG5/411; 1 MG5/406.

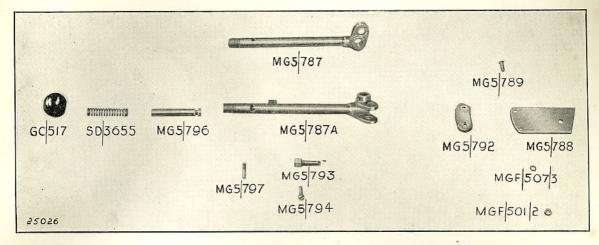
<sup>\*</sup> Denotes also supplied as part of assembly.

<sup>‡</sup> Denotes not illustrated.

	NO.PER	PRICE.	
MARK.	MACH.	EACH.	DESCRIPTION.
MG5/96	2		Toolbar Lifting Gear and Toolbar Frame Section Securing screw for lifting lever stop.
MG5/438 MG5/440	* 1 * 1 * 1 * 1		Bracket for lifting lever shaft and boss.  Operating rod.  Plunger pin.  Spring for operating rod.  Operating rod handle.
11105/772	* 2 1 1 1 1 1		Bolt for ditto. Stop for lifting lever. Pulley for lifting gear. Bolt for ditto. ½" BSF. hex. 2 ½ long.
MG5/452 MG5/453 MG5/457 MG5/461	1 1 1 2 1		Lifting chain. Toolbar frame complete. Bolt for lifting bracket. <sup>3</sup> / <sub>8</sub> " BSF hex 2½" long. Toolbar pivot pin.
MG5/467 GC/453 MGE/221 MGF/501/1	2 4 1		Bolt and nut for lifting chain. $\frac{3}{16}$ whit. $\times \frac{3}{4}$ long. Stop plates for drawbar.  Bolt, lever bracket to rear plate. $\frac{3}{8}$ BSF, hex. hd. $\frac{7}{8}$ long. Locknut for plunger pin.
MGF/501/3 " MGF/504/5	2 4 2 1 1		Nut for bolt for operating rod handle. Nut for bolt, bracket to rear plate. Nut for bolt for lifting lever stop. Nut for bolt for lifting bracket. Nut for bolt for lifting gear pulley.
MGF/504/7 MGF/505/10 * MGF/506/1 * MGF/506/7	2		Nut for bolt for inting gear puney.  Nut for toolbar pivot pin.  Split pin for lever shaft.  Washers for operating rod spring.  Washer for pivot pin.
MGF/506/10 MGF/507/1 MGF/507/4 MGF/507/4	1		Washer for lever shaft. Washer for bolt for lifting chain Washer for bolt, bracket to rear plate. Washer for bolt for lifting lever stop.
MGF/507/8	1 2 4 4 4		Washer for bolt for lifting bracket. Locking washer for pivot pin. Locking washer for bolt for drawbar stop plate. Bolts for stop plate for drawbar.
MA/11	1		Lifting lever complete, comprising:  1 MG5/424; 1 MG5/425; 1 MG5/430; 1 MG5/433; 1 MG5/434; 2 MG5/435; 2 MG5/436; 1 MG5/437; 1 MG5/438; 1 MG5/440; 1 MG5/442; 2 MG5/443; 3 MGF/501/1; 2 MGF/506/1.

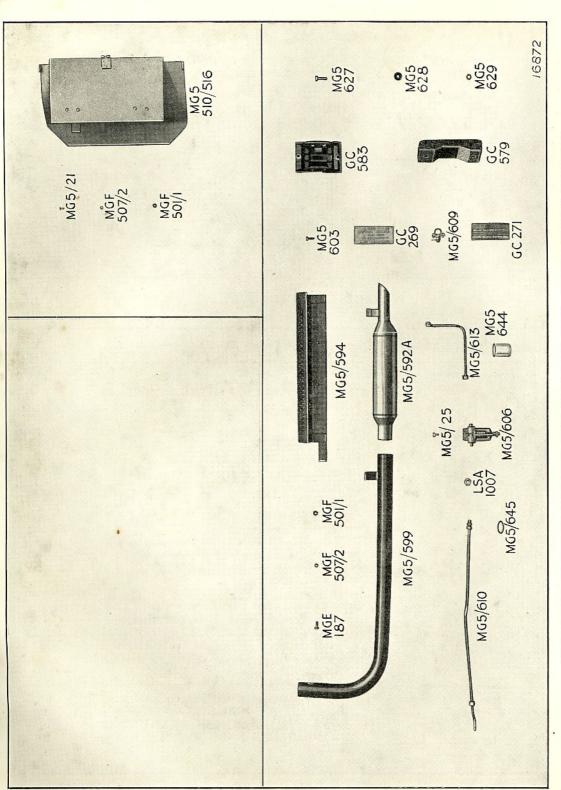
<sup>\*</sup> Denotes also supplied as part of assembly.

<sup>‡</sup> Denotes not illustrated.



### PARKING BRAKE SECTION

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
MG5/787 MG5/787A MG5/788 MG5/792 MG5/793 MG5/794 MG5/796 MG5/797 GC/517 MGF/501/2 MGF/507/3 MGF/507/3 SD/3655	1 1 2 4 2 2 2 2 2 2 2 2 4 4 4 2 2 2 2 2		Parking Brake Section  Modified steering lever, R.H.  Modified steering lever, L.H.  Bracket for brake ratchet.  Bolt for bracket and ratchet 5 BSF c'sk 1" long.  Ratchet for parking brake.  Pawl for parking brake.  Pin for pawl.  Operating rod.  Brake lifting lever.  Brake lever knob.  Nuts for bracket and ratchet bolts.  Lockwashers for bracket and ratchet bolts.  Lockwasher for pin for pawl.  Spring for operating rod.  Items supplied when specially ordered.  MAS/1. Parking Brakes R.H. comprising:—  1—MG5/787; 1—MG5/788; 2—MG5/789; 1—MG5/792  1—MG5/793; 1—MG5/794; 1—MG5/796; 1—MG5/797  2—MGF/501/2; 3—MGF/507/3; 1—SD/3655;  1—GC/517.  MAS/1A. Parking Brake L.H. comprising:—  1—MG5/787A; 1—MG5/788; 2—MG5/789; 1—MG5/792  1—MG5/793; 1—MG5/794; 1—MG5/796; 1—MG5/792  2—MGF/501/2; 3—MGF/50/73; 1—SD/3655;  1—GC/517.



AUXILIARY FITTINGS SECTION AND TOOLBOX AND COVER PLATE SECTION

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
			Auxiliary Fittings Section
MG5/592A	1		Exhaust silencer.
MG5/594	1		Silencer guard.
MG5/599	1		Exhaust pipe.
MG5/603	2 1 2 1		Bolts for silencer guard. \(\frac{1}{4}\)" BSF. \(\frac{7}{8}\)" long hex. hd.
MG5/606 #: MG5/608	1		Petrol filter.
MG5/608	2		Top bracket for exhaust pipe.
MG5/609			Cut-out switch.
	1 116		Clip for throttle cable. Bolts for swamp block.
MG5/627 MG5/628	116		Washer for ditto.
MG5/629	116		Nut for ditto.
MG5/644 11	1		Filter bowl (glass).
MG5/645 11	$\frac{1}{1}$		Cork washer to filter bowl.
MG5/649	î		Clip for silencer.
GC/269	i		Reg'd. No. plate.
GC/271	l ī		Patent plate.
GC/579	58		Swamp block.
GC/583	58		Track link for ditto.
	8		Drive screws for Regd. No. and Patent Plates. 4" long. (Not
			illustrated).
MGE/187	2		Bolts for exhaust pipe \(\frac{1}{4}''\) BSF. \(\frac{3}{4}''\) long. Hex. hd.
MGE/187	1 2 2		Bolt for clip for silencer \( \frac{1}{4}'' \) BSF. \( \frac{3}{4}'' \) long. Hex. hd.
MGF/501/1	2		Nuts for bolts for exhaust pipe.
,,	2		Nuts for bolts for silencer guard.
MGF/504/9 :	1		Self-locking nut for bolt for silencer, \(\frac{1}{4}\)" BSF.
MGF/506/1	1		Washer for bolt for silencer, \(\frac{1}{4}''\).
MGF/507/2	2 2		Lockwashers for bolts for exhaust pipe.  Lockwashers for bolts for silencer guard.
**	2		Luckwashers for boits for sheller guard.
			0.1

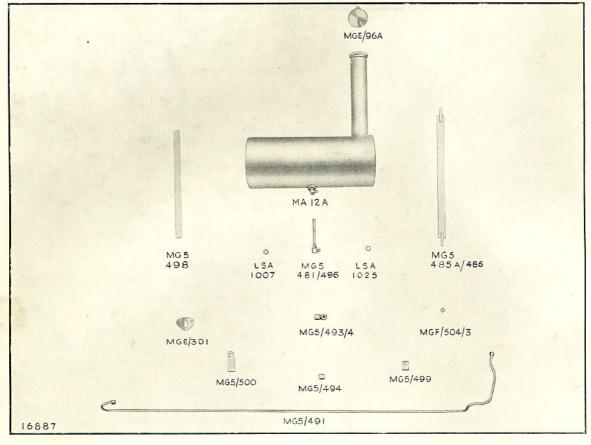
<sup>\*</sup> Denotes also supplied as part of assembly.

## Rubber Road-pads

Particulars on application.

<sup>‡</sup> Denotes not illustrated.

<sup>‡‡</sup> Denotes used on engines up to and including Engine No. 2219 (Tractor No. 5571).



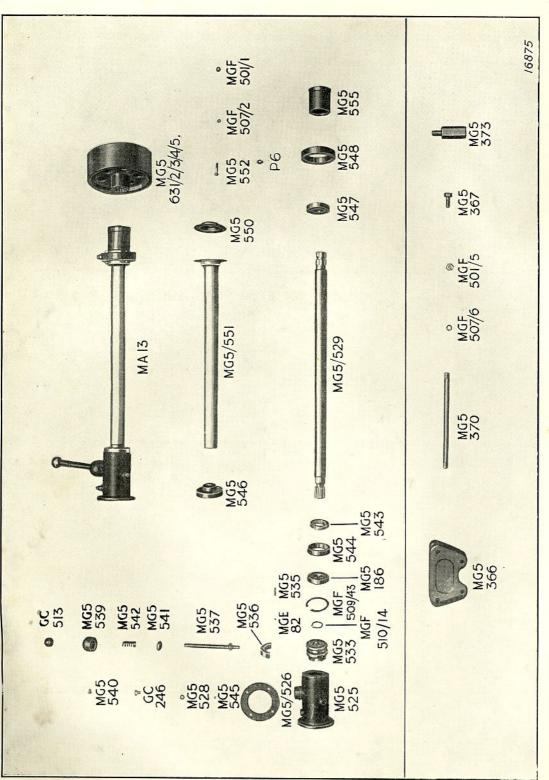
#### PETROL TANK SECTION (BOTTOM FEED)

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
lev <sup>F</sup>			Petrol Tank Section (bottom feed).
MG5/481/496	1		Angle connection with suction pipe and filter.
MG5/485A/486	2		Tank securing strap with screws.
			Petrol pipe with connecting nuts.
MG5/491 ‡‡ MG5/492 ‡**	1		. Petrol pipe.
MG5/493/4 ##	1		Banjo connection
MG5/493/4 ‡‡ MG5/494 ‡‡	1		Screwed sleeve.
MG5/498	3		Petrol tank bearers.
MG5/499	1		Pipe clip (short).
MG5/500	1		Pipe clip (long).
LSA/1007	1		Locknut for angle connection.
LSA/1025	1		Fibre washer for ditto.
MGE/96A	1		Petrol tank filling cap.
MGE/157 A §‡	1		Petrol filler cap.

Denotes not illustrated.
 Denotes fitted to Tractor No. 5875 and onwards.
 Denotes used on engines up to and including Engine No. 2219 (Tractor No. 5571).
 Denotes used on engines No. 2220 (Tractor No. 5572) and onwards.
 Denotes fitted to Tractors up to and including Tractor No. 5874.

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
MGE/301 MGF/504/3 MA/12A	1 4 1		Joint for Petrol pump. Self-locking nut for tank securing strap. Petrol tank complete; comprising:  1 MG5/476; 2 MG5/477; 1 MG5/478; 1 MGE/96A; 1 MG5/480A; 1 MG5/481; 1 MG5/496; 1 LSA/1007; 1 LSA/1025.
MG5/21 MG5/510/516 MG5/520 : MGF/501/1 MGF/507/2	4 1 1 4 4		Toolbox and Cover Plate Section (see page 16) Securing screws for cover plate. Toolbox and cover plate complete with padlock. Rubber grommet. Nuts for cover plate screws. Lockwashers for ditto.
MG5/366 MG5/367 MG5/370 MG5/373 MGF/501/5 MGF/507/6	2 8 4 4 8 8		Parts required for Conversion to Wide Track (see page 20)  Distance bracket.  Bolts for ditto. ½" BSF. hex. 1½" long ½" thread. Securing bolts. ½" dia. × 12¼" long.  Axle extension.  Nuts for bolts for distance bracket.  Lockwasher for bolts for distance bracket.

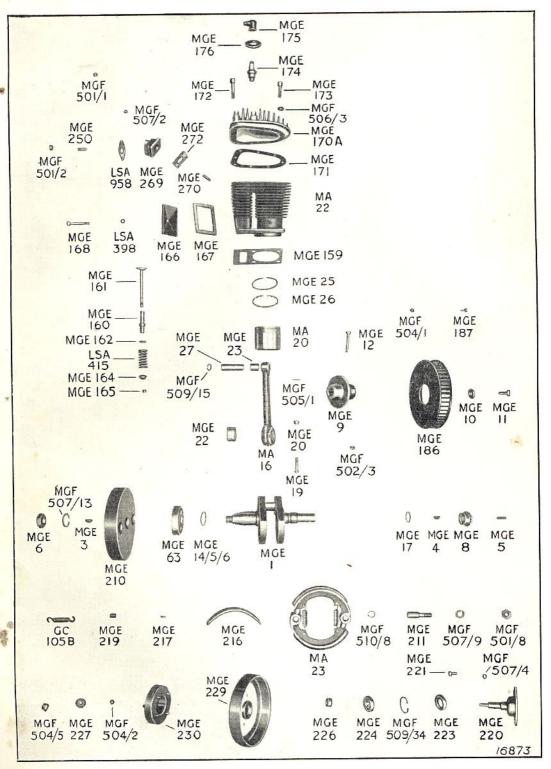
<sup>‡</sup> Denotes not illustrated.



(BOTTOM) WIDE TRACK CONVERSION PARTS SECTION (see page 19) (TOP) POWER TAKE-OFF SHAFT SECTION;

	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION.
			Power Take-off Shaft Section
MG5/105	4		Securing screw for oil seal retainers
MG5/186	1		Bearing for P.T.O. shaft—clutch end. RL.10.
P/6	1		Lubricator for bearing housing.
MG5/525	1		Power shaft clutch housing.
MG5/526	î		Joint for ditto.
MG5/528	1		Washer for oil level plug.
MG5/529	Î		Power take-off shaft.
MG5/533	Î		Sliding dog clutch.
MG5/535	l î		Spring for ditto.
MG5/536	Î		Clutch release fork.
MG5/537	i		Clutch lever.
MG5/539	i		Clutch lever cover.
MG5/540	2		Securing screws for cover.
MG5/541	1		Cover washer.
MG5/542	I		Lever locating spring.
MG5/543	3		Oil seal. P.T.O. shaft.
MG5/544	1		Oil seal housing—clutch end.
MG5/545	1		Locating screw for ditto.
MG5/546	1		Cover plate for clutch housing.
MG5/547	1		Parries for D.T.O. shaft room D.I. 11
MG5/548	1 772		Bearing for P.T.O. shaft—rear. RL.11.
MG5/550	1 2		Bearing housing.
	1		Oil seal retainer.
MG5/551/550	4		Cover tube for P.T.O. shaft with oil seal retainer.
MG5/552	4		Bolt for bearing housing. $\frac{1}{4}$ BSF. hex. $\times 1\frac{5}{8}$ .
MG5/555/LAY	1		C . I C DTO .b.G'd I
234	1		Cap tube for P.T.O. shaft with end cap.
MG5/558A 4			Gasket for oil seal retainer
MG5/631	1		Pulley for power take-off shaft, 5".
MG5/632	1		,, ,, ,, ,, 6". 
MG5/633	1		
MG5/634	1		,, ,, ,, ,, 8". 10".
MG5/635	1		Setscrew for pulley. $\frac{5}{18}$ Whit. $\times 1\frac{1}{4}$ long.
MG5/638 1 MG5/639 1	1		Setscrew for pulley. $\frac{1}{16}$ Whit. $\times 1\frac{1}{4}$ long.
			Locknut for ditto.
GC/246	1		Oil level plug.
GC/513	1		Ball knob for clutch lever.
MGE/82	1		Ball for sliding dog clutch.
MGF/501/1	4		Nut for bearing housing bolt.
MGF/507/2	4		Lockwasher for ditto.
MGF/507/2	4		Lockwasher for securing screw for oil seal retainer.
MGF/509/43	2		Circlip for P.T.O. shaft housing. 23" internal.
MGF/510/14	1		Circlip for P.T.O. shaft. 14" external.
MA/13	1		Power take-off shaft complete comprising all the above
			items.

<sup>‡</sup> Denotes not illustrated.



	NO.PER	PRICE	DESCRIPTION.
MARK.	MACH.	EACH.	1
			Crankshaft, Cylinder, Flywheel and Clutch Section
MGE/1 MGE/3 MGE/4 MGE/5 MGE/6 MGE/8 MGE/9 MGE/10 MGE/11 MGE/12 MGE/14 MGE/15	1 1 1 1 1 1 1 1 1 1 As reqd.		Crankshaft. Woodruff key for flywheel No. 150. Woodruff key for crankshaft pinion No. 110. Key for fan boss. Nut for flywheel. Crankshaft pinion. Fan boss. Washer for fan boss. Washer securing screw. Bolt for fan boss. Shims for crankshaft driving side .005" thick. Shims for crankshaft driving side .009" thick. Shims for crankshaft driving side .012" thick.
MGE/16 MGE/17 MGE/19 MGE/20 MGE/22 MGE/23 MGE/25 MGE/26 MGE/27 MGE/63 MGE/159 MGE/160 MGE/161	* 2 * 2 * 1 * 1 * 2 * 1 * 1 1 1 * 2 * 2 * 2		Shims for crankshaft timing side .005" thick. Connecting rod bolts. Nuts for ditto. Connecting rod bearing. Big end. Connecting rod bearing. Small end. Piston rings. Compression. Piston rings. Oil control. Gudgeon pin. Roller bearing for driving side. Cylinder base joint. Valve guide Valves. Valve spring cup. Top.
MGE/162 MGE/164 MGE/165 MGE/166 MGE/167 MGE/168 MGE/170A MGE/171 MGE/172 MGE/173 MGE/174	* 2 * 2 set 1 . 1		Valve spring collar. Valve split cotters. Valve chest cover. Valve chest cover joint. Cover bolt. Cylinder head. Joint for ditto. Cylinder head bolt (Long). Cylinder head bolt (Short). Sparking plug.
MGE/174 MGE/175 MGE/186 MGE/187 MGE/210 MGE/211 MGE/216 MGE/217 MGE/219	* 16 * 2		Sparking plug terminal cover. Terminal cover seal. Fan. Fan securing bolt. Flywheel. Clutch shoe pin with nut. Clutch shoe linings. Rivets for ditto. Buffers for clutch shoes.

Note.—Tractors 3501 to 3849 inclusive. It will be necessary to open up holes in clutch shoes to take  $\frac{5}{32}$ " dia. rivets.

<sup>\*</sup> Denotes also supplied as part of assembly.

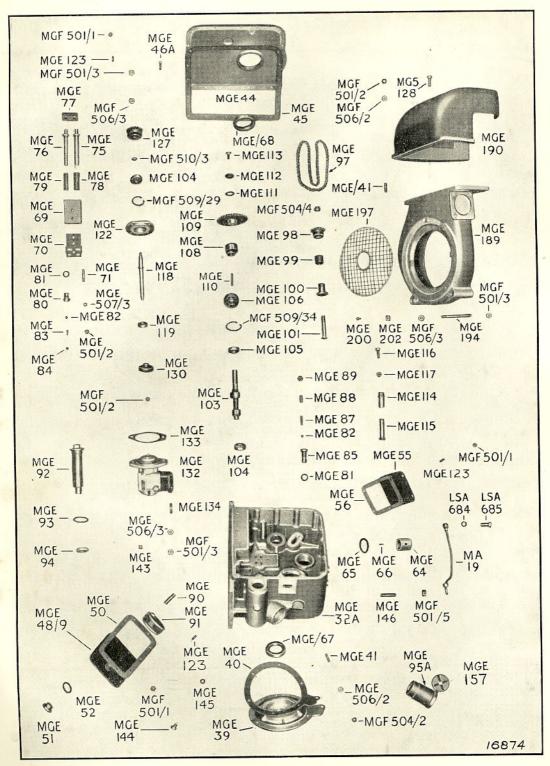
MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
7			Crankshaft, Cylinder, Flywheel and
			Clutch Section
			—continued.
MGE/220	1		Clutch shaft,
MGE/221	6		Securing screws for ditto.
MGE/223	1		Oil seal for clutch shaft.
MGE/224	2		Ball bearings for clutch shaft. RLS7.
MGE/226	I		Ball bearing distance ring.
MGE/227	1		Washer for clutch shaft.
MGE/229	1		Clutch ring.
MGE/230	1 2		Flexible coupling. Studs for concentric carburettor.
MGE/250 MGE/269	1		Induction pipe.
MGE/270	4		Studs for induction pipe.
MGE/272	i		Flange joint for ditto.
GC/105/B	2		Clutch springs.
LSA/398	1		Fibre washer for valve chest cover bolt.
LSA/415	2		Valve spring.
LSA/958	1		Flange joint for concentric carburettor.
MG5/520	‡ 1		Rubber grommet for spark plug lead clip.
MGF/501/1	4		Nuts for induction pipe studs.
MGF/501/2	2		Nuts for studs for concentric carburettor.
MGF/501/8	2		Nuts for clutch shoe pins.
MGF/502/3	1		Nut for fan boss bolt.
MGF/504/1	6		Nuts for fan securing bolt.
MGF/504/2	8		Nuts for flexible coupling. Nut for clutch shaft.
MGF/504/5 MGF/505/1	* 2		Split pin for connecting rod.
MGF/506/3	8		Washers for cylinder head bolt.
MGF/507/2	4		Washers for studs for induction pipe.
MGF/507/4	6		Washers for clutch shaft securing screws.
MGF/507/9	2		Washer for clutch shoe pin.
MGF/507/13	1		Washer for flywheel.
MGF/509/15	2 2		Circlips for gudgeon pin. 7 internal.
MGF/509/34	2		Circlips for ball bearing for clutch shaft. 2" internal.
MGF/510/8	2		Circlip for clutch shoe pin. $\frac{7}{8}$ " external.
MA/16	1		Connecting rod with standard bearings, small end bush
No. of the last of			etc., comprising:
1.0			1 MGE/18; 2 MGE/19; 2 MGE/20; 2 MGE/21
OF			1 MGE/22; 1 MGE/23.
MA/16/A	‡ 1		Connecting rod with 0.010" undersize bearings, etc., com
			prising:
			1 MGE/18; 2 MGE/19; 2 MGE/20; 2 MGE/21
344/1/15			1 MGE/22A; 1 MGE/23.
MA/16/B	‡ 1		Connecting rod with 0.020" undersize bearing, etc., com
			prising:
			1 MGE/18; 2 MGE/19; 2 MGE/20; 2 MGE/21 1 MGE/22B; 1 MGE/23.
			1 MOL/22B, 1 MOL/23.

<sup>\*</sup> Denotes also supplied as part of assembly.

<sup>‡</sup> Denotes not illustrated.

	NO.PER	PRICE	(
MARK.	MACH.	EACH.	DESCRIPTION.
MA/16/C	÷ 1		Connecting rod with 0.030" undersize bearings, etc., comprising:  1 MGE/18; 2 MGE/19; 2 MGE/20; 2 MGE/21; 1 MGE/22C; 1 MGE/23.
MA/20	1		Standard piston with rings, gudgeon pin and circlips, comprising: 1 MGE/24; 2 MGE/25; 1 MGE/26; 1 MGE/27; 2 MGE/28.
MA/20/A	‡ 1		0.020" oversize piston and rings, gudgeon pin, etc., comprising: 1 MGE/24A; 2 MGE/25A; 1 MGE/26A; 1 MGE/27; 2 MGE/28.
MA/20/B	‡ 1		0.030" oversize piston with rings, gudgeon pin, etc., comprising: 1 MGE/24B; 2 MGE/25B; 1 MGE/26B; 1 MGE/27; 2 MGE/28.
MA/21	‡ 1		Cylinder barrel with valve guides, valves, springs, etc., comprising:  1 MGE/158; 2 MGE/160; 2 MGE/161; 2 MGE/162; 2 LSA/415; 2 MGE/164; 2 MGE/165.
MA/21/A	‡ 1		Ditto 0.020" oversize.
MA/21/B	‡ 1		Ditto 0.030" oversize.
MA/22	1		Cylinder barrel with valve guides, comprising: 1 MGE/158; 2 MGE/160.
MA/22/A	‡ 1		Ditto 0.020" oversize.
MA/22/B	‡ 1		Ditto 0.030" oversize.
MA/23	1 pr.		Clutch shoes (supplied in pairs only) fitted with linings, etc., comprising:  2 MGE/215; 2 MGE/216; 16 MGE/217; 2 MGE/219; 2 GC/105/B.

<sup>‡</sup> Denotes not illustrated.



CRANKCASE AND FAN COWLING SECTION

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
			Crankcase and Fan Cowling Section
MCEDO (C)(a)	1		Crankcase (superseded by MGE/32A).
MGE/32(f)(g)	1		Crankcase (superseded by WGE/32A).
MGE/32A **			
MGE/33 ‡+	1		Sump plate.
MGE/34 ‡+			Joint for ditto.
MGE/36 ‡+	1 1		Plug for filter chamber. for crankcase MGE/32 or
MGE/37 ‡+	1		Washer for ditto.   Crankcase (superseded by MGE/32A).  MGE/32 A
$MGE/38 (g) \div MGE/30$	1 1		Crankcase cover plate. Driving side.
MGE/39	1		Paper joint for ditto.
MGE/40 MGE/41 *	100000		Studs—Crankcase to cover.
MGE/41 *	1		
MGË/44			Stud for fan cowl.
	1 1		Timing gear cover.  Joint for ditto.
MGE/45	17		
MGE/46A			Timing cover securing screws.
MGE/48/9 ÷	1		Sump plate and boss.  Joint for sump plate  for crankcase MGE/38.
MGE/48/9 ÷ MGE/50 ÷ MGE/51 *	1		Joint for sump plate.
WIGE/51	1 1		Sump drain plug.  Washer for sump drain plug.
WIGE/52	1		
MGE/55	(F)		Crankcase inspection plate.  Joint for ditto.
MGE/56 MGE/64 *	1 1		Crankshaft bearing for timing side.
WIGE/OT	1		Thrust washer. Timing side.
MGE/65	1		Dowel for ditto.
MGE/66			Oil seal for crankcase. D.S.
MGE/67	$\begin{array}{c c} 1 \\ 1 \end{array}$		
MGE/68	1000		Oil seal for crankcase. T.S.
$MGE/69 \times MGE/70 *$	1 1		Oil pump body.  Joint for ditto.
MOLITO			Studs for pump body.
WIGE//I	1		Pump plunger—suction.
MGE/75 $\times$ MGE/76 $\times$	i		Pump plunger—feed.
MGE/70 X MGE/77	1		Pump plunger crosshead.
MGE/77 MGE/78 *			Pump plunger spring—suction.
MGE/79 *	1		Pump plunger spring—feed.
MGE/80 *	1		Ball valve casing.
MGE/81 *			Joint for ditto.
MGE/81	ĩ		Joint for relief valve casing.
MGE/82 *	3		Ball valve for oil pump and relief valves.
MGE/83 *			Ball valve spring.
MGE/84 *	2		Plug for ball valve casing.
MGE/85	1		Relief valve casing.
MGE/87	1		Relief valve spring.
MGE/88	1		Adjusting screw.
MGE/89	1		Locknut for ditto.
MGE/90	1		Tube for suction filter.
MGE/91	i		Oil filter for pump suction.
MGE/92	i		Oil strainer element for pump delivery.

<sup>\*</sup> Denotes also supplied as part of assembly. 

\* Denotes not illustrated.

\* Not supplied separately but only as part of assembly.

+ Denotes fitted to engines MGE/1699 and onwards except MGE/1772, 1773 and 1775.

- Denotes fitted to engines up to and including MGE/1698 and also on engines MGE/1772, 1773, 1775.

\*\* Denotes used on engines No. 2220 (Tractor No. 5572) and onwards.

(f) Denotes fitted to engines No. 1699 to No. 2219 excepting Nos. 1772, 1773 and 1775.

<sup>(</sup>g) See footnote page 30.

	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION.
		88	Crankcase and Fan Cowling Section
			—continued
MGE/93	1		Joint for ditto
MGE/94	2		Felt washers for oil strainer element.
MGE/95/96‡‡			Oil filler tube with cap.
MGE/95A/157			Oil filler tube and cap.
MGE/96 ‡‡			Oil filler cap for MGE/95.
MGE/97	1		Chain for camshaft and magneto shaft drive.
MGE/98/99	1		Chain tensioning pinion with bush.
MGE/99	1		Oilite bush for ditto.
MGE/100	1		Boss for tensioning pinion.
MGE/101	1		Bolt for tensioning pinion.
MGE/103	1		Camshaft. (See note page 30) (Superseded by MGE/152
MGE/103A	‡ 1		Camshaft. (See note page 30) (Superseded by MGE/152
MGE/104)	1		Bearing for magneto shaft. Timing side. RLS5.
MGE/104 i	1		Bearing for camshaft. Driving side. RLS5.
MGE/105	1		Distance ring for ball bearings. (See note page 30).
MGE/106	1		Bearing for camshaft. Timing side. RMS/6.
MGE/108	1		Eccentric for oil pump drive.
MGE/109	î		Camshaft chain wheel.
MGE/110	i.		Key for camshaft.
MGE/11i	7		Shims for chain wheel.
	í		Washer for camshaft.
MGE/112			
MGE/113	1		Securing screw for ditto.
MGE/114	2 2 2		Tappet guide.
MGE/115	2		Tappets. (See note page 30).
MGE/116	4000		Tappet adjusting screw.
MGE/118	1		Magneto shaft.
MGE/119	1		Bearing for magneto shaft. Driving side. RLS/4.
MGE/122	1 1		Bearing housing.
MGE/123	* 4		Studs for ditto.
MGE/123	20		Sump plate studs for crankcase MGE/32 or MGE/32A.
MGE/123	10		Sump plate studs for crankcase MGE/38.
,,	6		Inspection plate studs.
MGÉ/127	1		Magneto pinion and petrol pump cam.
MGE/130	1		Magneto coupling.
MGE/131	1		Nuts for magneto coupling.
MGE/132	1		Magneto with special fixing flange.
MGE/133	Î		Joint for ditto.
MGE/134	* 2		Studs for magneto.
MGE/143	* 2		Plug for crankcase.
MGE/145	* 2		
			Fibre washer for crankcase plug for crankcases MGE/32 of MGE/32A.
MGE/145	3		Fibre washer for crankcase plug for crankcase MGE/38.
MGE/146	* 4		Cylinder base studs.
MGE/152	‡ 1		Camshaft. (See note page 30).
MGE/153	† 1 † 1 † 2 *† 1		Distance ring for camshaft. (See note page 30).
MGE/154	<u>†</u> 2		Tappet. (See note page 30).
MGE/157 **	* i 1		Filler cap for MGE/95A

<sup>\*</sup> Denotes also supplied as part of assembly. 

\*\* Denotes used on engines No. 2220 (Tractor No. 5572) and onwards.

†\* Denotes used on engines up to and including engine No. 2219 (Tractor No. 5571).

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
			Crankcase and Fan Cowling Section —continue
MGE/189	1		Fan cowl. Bottom half.
/IGE/190	1		Fan cowl. Top half.
/IGE/194	3		Stud for fixing fan cowl.
4GE/197	1		Fan guard.
4GE/200	4		Fan guard securing screws.
4GE/202	4		Guard securing clips.
			Clip for spark plug lead.
/IGE/209	1 1 1 1 3 3 3		Bolt for fan cowl (Top to bottom half).
/IGE/304 :	1		Bracket for starting handle.
MGE/309 :	3		Dome nut for fixing fan cowl.
MGE/310 :	3		Distance washer.
LSA/130	20		Spring washers for sump plate studs.
LSA/684	2		Fibre washer for breather pipe ring union.
LSA/685	1		Breather screw.
MG5/105	± 1		Screw for clip for spark plug lead.
MG5/128	* 2 2		Screws for fan cowl. (Top to bottom half).
	* 2		Plug for crankcase for MGE/32 or MGE/32A.
MG5/289	* 3		Plug for crankcase for MGE/38.
MGF/501/1	20		Nuts for studs for sump plate for MGE/32 and MGE/32A
,,	10		Nuts for studs for sump plate for MGE/38.
,,	6		Nuts for studs for inspection plate.
	4		Nuts for studs for magneto shaft bearing housing.
MGF/501/2	2		Nuts for studs for pump body.
MGF/501/2	4		Nuts for studs for fan cowl.
	2		Nut for tappet adjusting screw.
MGF/501/3	1		Nuts for magneto pinion.
,,	2 4		Nuts for studs for magneto.
MGF/501/5			Nuts for cylinder base studs.
	‡ 1		Nut for screw for clip for spark plug lead.
MGF/504/2	7		Nuts for studs—crankcase to cover.
MGF/504/4	1		Nut for chain tensioning pinion bolt.
	‡ 1		Split pin for filler cap MGE/157. $\frac{3}{32}$ " dia. $\times$ 1" long.
MGF/506/2	7		Washers for studs. Crankcase to cover.
),	4		Washers for studs for fixing fan cowl.
MGF/506/3	1		Washer for magneto pinion.
,,	2		Washer for studs for magneto.
MODISONIC	3		Washer for fixing fan cowl.
14101   501/2	‡ 1		Lockwasher for screw for clip for spark plug lead.
MGF/507/3	2		Locking washers for studs for oil pump body.
MGF/507/6	4		Lockwasher for cyl. base studs.
MGF/509/29	2		Circlips for magneto shaft ball bearing. Timing significantly
MCE/500/24	1		1 9 "internal.
MGF/509/34 MGF/510/3	1		Circlip for camshaft ball bearing. Timing side. 2" internal Circlip for magneto shaft. \( \frac{5}{8}" \) external.
MOF/310/3	1		Chenp for magneto shart. 8 external.
	14		

<sup>\*</sup> Denotes also supplied as part of assembly.

MARK.	NO.PER MACH.	PRICE EACH	DESCRIPTION.
25. 45.			Crankcase and Fan Cowling Section —continued
MA/17A	+		Crankcase complete with main bearing bush, studs, etc., comprising:—
			1—MGE/32A; 1—MGE/36; 1—MGE/37; 7—MGE/41; 1—MGE/64; 1—MGE/66; 2—MGE/71; 1—MGE/95A;
			2—MGE/114; 30—MGE/123; 2—MGE/134; 2—MGE /143; 2—MGE/145; 4—MGE/146; 1—MGE/157; 2—
MA/18	† 1		MG5/289 Oil pump complete with plungers, springs, valves, etc.,
WIA/10	+		comprising:
			1 MGE/69; 1 MGE/75; 1 MGE/76; 1 MGE/78;
			1 MGE/79; 2 MGE/80; 2 MGE/81; 2 MGE/82; 2 MGE/83; 2 MGE/84.
MA/18A	‡ 1		Oil pump with plungers only, comprising: 1 MGE/69; 1 MGE/75; 1 MGE/76.
MA/19	1		Breather pipe complete with ring union, etc., comprising: 1 LSA/6.6; 1 MGE/140; 1 LSA/113; 1 LSA/114.

<sup>‡</sup> Denotes not illustrated.

(g) Crankcase MGE/38 and MGE/32 cannot now be supplied and are superseded by MGE/32A.

If a new crankcase is required to replace MGE/38 (i.e. for engines up to No. 1698 and also Nos. 1772, 1773 and 1775) then the following items will be required:—

1 Sump plate—MGE/33.

1 Joint for sump plate-MGE/34.

1 Fuel pump-MGE/312.

- 10 Extra nuts for sump plate studs—MGF/501/1.
- 10 Extra studs for sump plate—MGE/123.

1 Petrol pipe—MGE/492.

2 Nuts for fuel pump—MGE/311.

If a new crankcase is required to replace crankcase MGE/32 (i.e. for engines Nos. 1699 to No. 2219 excepting Nos. 1772, 1773 and 1775) the following items only are required:

- 1 Fuel pump—MGE/312.
- 2 Nuts for fuel pump—MGE/311. 1 Petrol pipe—MGE/492.

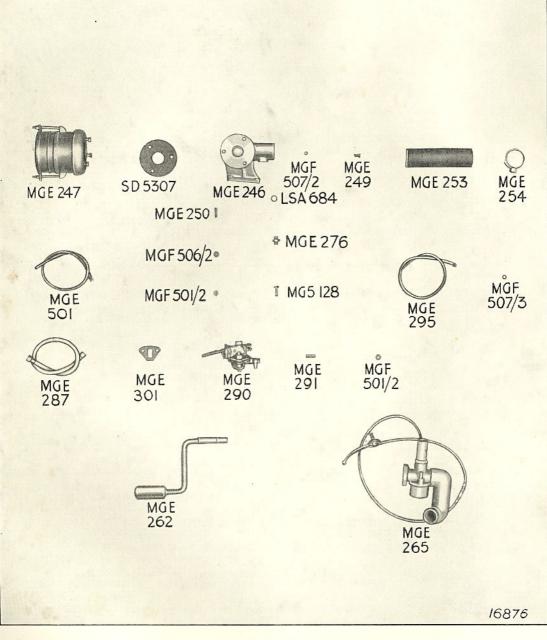
Note:—On engines up to and including Engine No. 451, Camshaft MGE/103, Distance ring MGE/105 and Tappet MGE/115 were fitted. If a new camshaft is required for these engines, Camshaft MGE/152 with Distance ring MGE/153 can be used.

On engines No. 452 to No. 2219, Camshaft MGE/103A, Distance ring MGE/153 and Tappet MGE/154 were fitted. Camshaft MGE/152 should be fitted if a new camshaft is required.

On engines No. 2220 and onwards Camshaft MGE/152 (which is interchangeable with MGE/103A), Distance ring MGE/153 and Tappet MGE/154 are fitted.

If a new MA/17A is required for engines up to and including Engine No. 1698 and also Nos. 1772, 1773, and 1775, the sump plate MGE/33, Joint for sump plate MGE/34, Fuel pump MGE/312, Nuts MGE/311 and Petrol pipe MGE/492 will also be required.

If a new MA/17A is required for engines No. 1699 to No. 2219 excepting Nos. 1772, 1773 and 1775 (see above) Fuel pump MGE/312, Nuts MGE/311 and Petrol pipe MGE/492 only are required in addition.

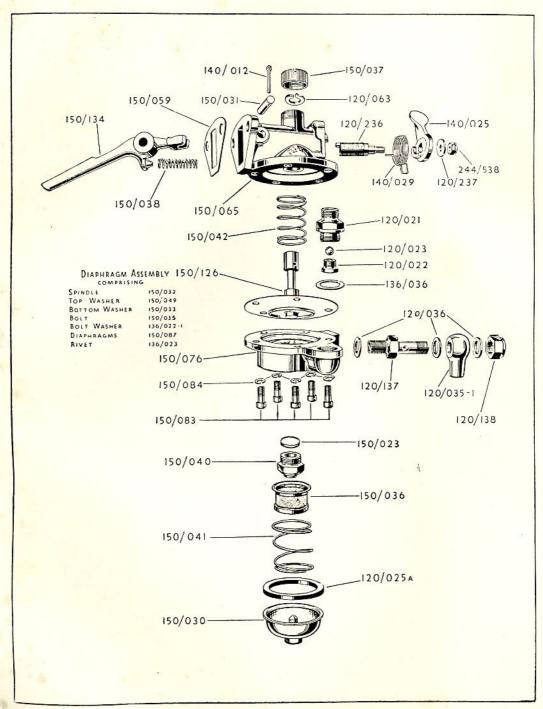


Auxiliary Fittings  MGE/246	MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.	
MGE/246 1 Air cleaner bracket.  MGE/249 3 Screws for air cleaner.  MGE/250 1 Studs for petrol pump.  MGE/253 1 Hose pipe connection.  MGE/254 2 Clips for ditto.  MGE/265 1 Concentric carburettor complete with cable and lever Union for Air cleaner bracket.  MGE/287 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/290 ‡‡ 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/311 2 Nuts for studs for petrol pump.  MGE/312 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.				Auxiliary Fittings	
MGE/249  MGE/250  MGE/250  MGE/250  MGE/253  MGE/253  MGE/254  MGE/265  MGE/265  MGE/265  MGE/276  MGE/287  MGE/290  ## 1  MGE/295  MGE/295  MGE/311  MGE/311  MGE/311  MGE/311  MGE/312  **	MGE/246	1			
MGE/250 1 Studs for air cleaner bracket.  MGE/250 2 Studs for petrol pump.  MGE/253 1 Hose pipe connection.  MGE/254 2 Clips for ditto.  MGE/265 1 Concentric carburettor complete with cable and lever Union for Air cleaner bracket. 4" gas.  MGE/276 1 Union for Air cleaner bracket. 4" gas.  MGE/287 1 Flexible petrol pipe for pump outlet.  MGE/290 ‡‡ 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/295 1 High tension cable—mag. to cut out switch.  MGE/301 1 Joint for fuel pump.  MGE/311 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  Fibre washer for union for air cleaner bracket.		1		Air cleaner.	
MGE/250  MGE/253  MGE/254  MGE/265  MGE/265  MGE/266  MGE/276  MGE/287  MGE/290  MGE/295  MGE/301  MGE/311  MGE/312  MGE/312  MGE/501  LSA/684   Studs for air cleaner bracket.  Studs for petrol pump.  Hose pipe connection.  Clips for ditto.  Starting handle complete.  Concentric carburettor complete with cable and lever Union for Air cleaner bracket. ¼" gas.  Flexible petrol pipe for pump outlet.  Petrol pump for Crankcase MGE/38 or MGE/32.  High tension cable—mag. to cut out switch.  Joint for fuel pump.  Nuts for studs for petrol pump.  Petrol pump with filter for Crankcase MGE/32A.  High tension cable—plug to magneto.  Fibre washer for union for air cleaner bracket.	MGE/249	3		Screws for air cleaner.	
MGE/250 2 Studs for petrol pump.  MGE/253 1 Hose pipe connection.  Clips for ditto.  MGE/265 1 Concentric carburettor complete with cable and lever  MGE/276 1 Union for Air cleaner bracket. ¼" gas.  MGE/287 1 Flexible petrol pipe for pump outlet.  MGE/290 ‡‡ 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/295 1 High tension cable—mag. to cut out switch.  MGE/311 2 Nuts for studs for petrol pump.  MGE/312 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.	MGE/250			Studs for air cleaner bracket.	
MGE/254 2 Clips for ditto.  MGE/265 1 Concentric carburettor complete with cable and lever Union for Air cleaner bracket. 4" gas.  MGE/287 1 Flexible petrol pipe for pump outlet.  MGE/290 ‡‡ 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/295 1 High tension cable—mag. to cut out switch.  MGE/301 2 **‡ 1 Petrol pump.  MGE/312 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.		2		Studs for petrol pump.	
MGE/254 MGE/262/3/4 MGE/265  MGE/265  MGE/276 MGE/287 MGE/290  ### I	MGE/253			Hose pipe connection.	
MGE/262/3/4  MGE/265  MGE/276  MGE/287  MGE/290  ## I	MGE/254	2			
MGE/265  MGE/276  MGE/287  MGE/287  MGE/290  ## I Petrol pump for Crankcase MGE/38 or MGE/32.  High tension cable—mag. to cut out switch.  Joint for fuel pump.  MGE/311  MGE/312  **‡ I Petrol pump with filter for Crankcase MGE/32A.  High tension cable—plug to magneto.  Fibre washer for union for air cleaner bracket.	MGE/262/3/4	1		Starting handle complete.	
MGE/287  MGE/290  ### Flexible petrol pipe for pump outlet.  Petrol pump for Crankcase MGE/38 or MGE/32.  High tension cable—mag. to cut out switch.  Joint for fuel pump.  MGE/311  *** I Petrol pump with filter for Crankcase MGE/32A.  High tension cable—plug to magneto.  Fibre washer for union for air cleaner bracket.		1		Concentric carburettor complete with cable and lever.	
MGE/290 ## 1 Petrol pump for Crankcase MGE/38 or MGE/32.  MGE/295	MGE/276	1		Union for Air cleaner bracket. 4" gas.	
MGE/295  MGE/301  MGE/311  MGE/312  **  MGE/501  LSA/684  1  High tension cable—mag. to cut out switch.  Joint for fuel pump.  Nuts for studs for petrol pump.  Petrol pump with filter for Crankcase MGE/32A.  High tension cable—plug to magneto.  Fibre washer for union for air cleaner bracket.		1		Flexible petrol pipe for pump outlet.	
MGE/301 1 Joint for fuel pump.  MGE/311 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.	MGE/290 ‡:	‡ 1		Petrol pump for Crankcase MGE/38 or MGE/32.	
MGE/311 2 Nuts for studs for petrol pump.  MGE/312 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.	MGE/295	1			
MGE/312 **‡ 1 Petrol pump with filter for Crankcase MGE/32A.  MGE/501 1 High tension cable—plug to magneto.  LSA/684 1 Fibre washer for union for air cleaner bracket.		1		Joint for fuel pump.	
MGE/501 1 High tension cable—plug to magneto. LSA/684 1 Fibre washer for union for air cleaner bracket.		2		Nuts for studs for petrol pump.	
LSA/684 1 Fibre washer for union for air cleaner bracket.	modjoiz .	‡ 1			
		1		High tension cable—plug to magneto.	
MGF/501/2  MGF/506/2  MGF/507/2  MGF/507/3  MGF/507/3  MGF/507/3  Screws for air cleaner bracket.  Nuts for studs for air cleaner bracket.  Washers for studs for air cleaner bracket.  Washers for screws for air cleaner bracket.  Locking washers for screws for air cleaner.  Locking washers for studs for concentric carburettor		1			
MGF/501/2  MGF/506/2  MGF/506/2  MGF/507/2  MGF/507/3  MGF/507/3  Nuts for studs for air cleaner bracket.  Washers for studs for air cleaner bracket.  Washers for screws for air cleaner bracket.  Locking washers for screws for air cleaner.  Locking washers for studs for concentric carburettor		2			
MGF/506/2  MGF/507/2  MGF/507/3	MGF/501/2	1			
MGF/506/2 1 Washers for studs for air cleaner bracket.  Washers for screws for air cleaner bracket.  Washers for screws for air cleaner bracket.  Locking washers for screws for air cleaner.  Locking washers for studs for concentric carburettor	,,	2			
MGF/507/2 3 Locking washers for screws for air cleaner.  MGF/507/3 2 Locking washers for study for concentric carburettor	MGF/506/2	1			
MGF/507/3 2 Locking washers for screws for air cleaner.  Locking washers for study for concentric carburettor	MCF (507/2	2			
Locking wasners for study for concentric carburettor		3		Locking wasners for stress for an elegater.	
I saling weakers for natral numn	MGF/507/3	2			
SD/5307 2 Locking washers for petrol pump. Washer for air cleaner.	CD/5207				

<sup>‡</sup> Denotes not illustrated.

\*\* Denotes used on engines No. 2220 (Tractor No. 5572) and onwards.

‡‡ Denotes used on engines up to and including engine No. 2219 (Tractor No. 5571).



AMAL FUEL PUMP TYPE 150/855

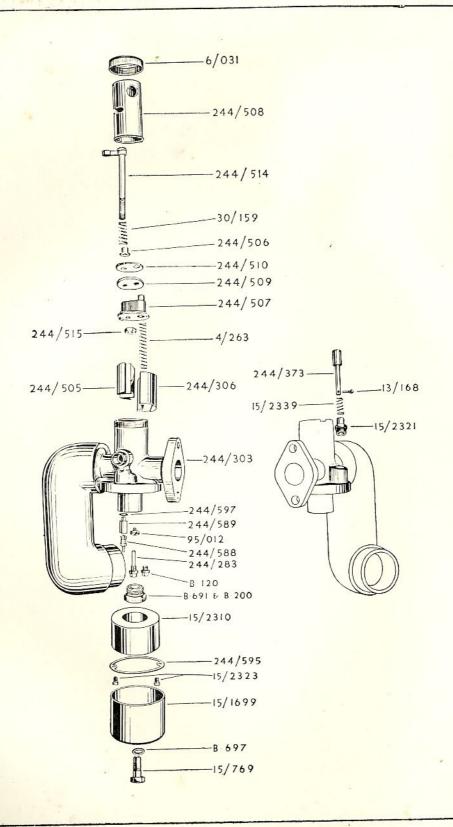
MARK.	PRICE.	DESCRIPTION.	
		A mal Firel Dump Type 150/85	5 (MCF 200)
		Amal Fuel Pump Type 150/85	
		Used on Engines up to and including Engin	e No. 2219
20/021		Delivery valve cage.	
20/022		Delivery valve seating.	
20/023		Delivery valve ball.	
20/025A		Packing washer for filter cup.	
20/032		Petrol union nut	
20/033		Petrol nipple.	
20/035		Banjo union	
20/036		Banjo washers.	
20/063		Lock washer (Spindle).	
20/137		Banjo bolt.	
20/138		Banjo nut.	
20/236		Priming lever cam.	
20/237		End washer for priming lever.	
36/022		Washer for diaphragm bolt.	20%
36/036		Washer for delivery valve cage.	98
40/012		Split pin for fulcrum pin.	
40/025		Priming lever.	
40/029		Spring for priming lever.	
50/023		Inlet valve disc.	
150/030		Filter cup complete.	
150/031		Fulcrum pin for lever.	. 7
150/032		Spindle. Bottom washer for diaphragm.	
150/033		Bolt for diaphragm.	
150/035		Filter gauze complete.	
150/036		Top Cap (Spindle).	
150/037		Lever spring	
150/038		Inlet valve seating.	
150/040		Filter gauze spring.	4
150/041		Spring for diaphragm.	
150/042		Top washer for diaphragm.	
150/049		Body packing washer.	
150/059		Body (Top Half).	
150/065 150/076		Body (Bottom Half).	
150/076		Body Fixing Screws	
150/083		Grover Washer for ditto.	
150/084		Diaphragm (per set of 3).	
150/087		Diaphragm, complete assembly.	
150/120		Lever or rocker arm.	
244/538		Priming lever locknut.	
241/330			

Note:—This pump can only be used on Crankcases MGE/38 or MGE/32 which were fitted prior to Eng. No.2220.

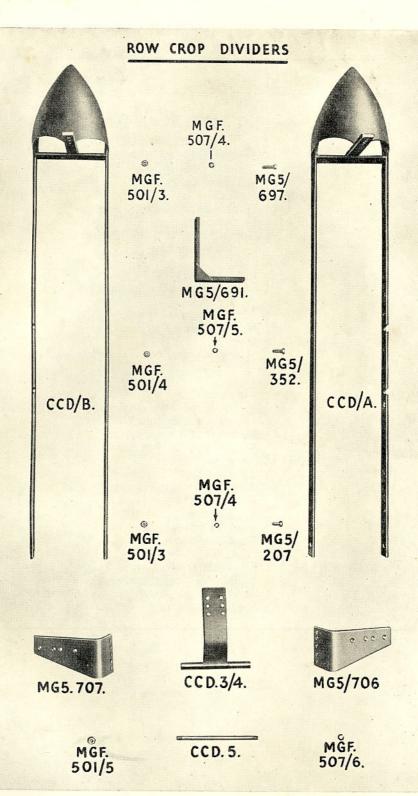
MARK.	PRICE.	DESCRIPTION.
		Amel Eugl Dump Type 150/955 (MCE 200
		Amal Fuel Pump Type 150/855 (MGE 290
		Used on Engines up to and including Engine No. 2219
20/021		Delivery valve cage.
20/022		Delivery valve seating.
20/023		Delivery valve ball.
20/025A		Packing washer for filter cup.
20/032		Petrol union nut
20/033		Petrol nipple.
20/035		Banjo union
20/036		Banjo washers.
20/063		Lock washer (Spindle).
20/137		Banjo bolt.
20/138		Banjo nut.
20/236		Priming lever cam.
20/237		End washer for priming lever.
36/022		Washer for diaphragm bolt.
36/036		Washer for delivery valve cage.
40/012		Split pin for fulcrum pin.
40/025		Priming lever.
40/029		Spring for priming lever.
50/023		Inlet valve disc.
50/030		Filter cup complete.
50/031		Fulcrum pin for lever.
50/032		Spindle.
50/033		Bottom washer for diaphragm.
50/035		Bolt for diaphragm.
.50/036		Filter gauze complete.
50/037		Top Cap (Spindle).
50/038		Lever spring
50/040		Inlet valve seating.
150/041		Filter gauze spring.
150/042		Spring for diaphragm.
50/049		Top washer for diaphragm.
50/059		Body packing washer.
150/065		Body (Top Half).
150/076		Body (Bottom Half).
150/083		Body Fixing Screws
150/084		Grover Washer for ditto.
150/087		Diaphragm (per set of 3).
150/126		Diaphragm, complete assembly.
150/134		Lever or rocker arm.
244/538		Priming lever locknut.

Note:—This pump can only be used on Crankcases MGE/38 or MGE/32 which were fitted prior to Eng. No.2220.

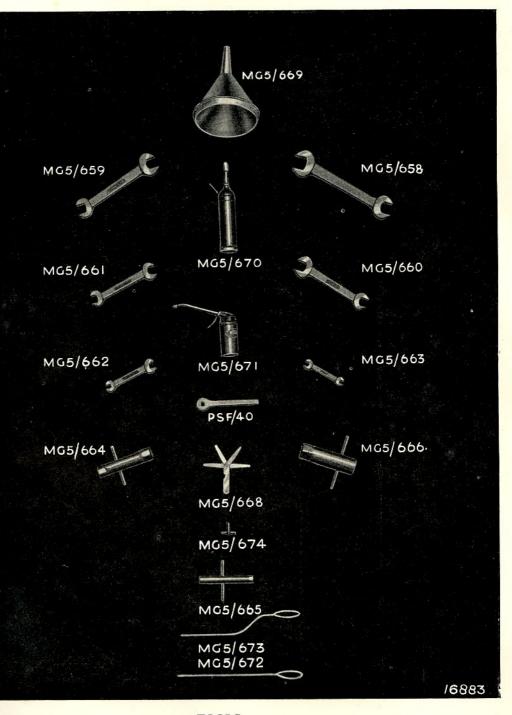
MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
	,	1.4	Amal Fuel Pump Type 150/858 (MGE 312
			Used on Engine No. 2220 and onwards. (Not Illustrated
150/065			Body top half.
150/141			Body bottom half.
150/083			Body fixing screws.
150/084			Grover washer for ditto.
150/087			Diaphragm (per set of 3).
150/033			Bottom washer for diaphragm.
150/049			Top washer for diaphragm.
150/035			Bolt for diaphragm.
150/042			Spring for diaphragm.
			Washer for diaphragm bolt.
136/022			The state of the
150/032			Spindle.
150/037	1		Top cap (spindle).
120/063			Lock washer for ditto.
140/025			Priming lever.
120/236			Priming lever cam.
120/237			Priming lever cam end washer.
140/029		3	Spring for priming lever.
244/538			Cam locknut.
120/022			Delivery valve seating.
120/023			Delivery valve ball.
120/021			Delivery valve cage.
136/036			Washer for delivery valve cage.
150/023			Inlet valve disc.
150/040			Inlet valve seating.
150/143			Filter gauze complete.
150/097			Filter gauze spring.
31/018			Filter cup.
120/025			Packing washer for filter cup.
150/038			Lever spring.
150/140			Lever or rocker arm.
150/031			Fulcrum pin for lever.
140/012			Split pin for ditto.
120/035	*   -		Banjo.
120/138			Banjo nut.
120/137			Inlet union connection.
120/036			Washer for ditto.
			Body packing washer.
150/059			
150/142			Filter stirrup.
136/063—1			Stirrup eyebolt.
25/015			Stirrup distance piece.
AGS/939/9	7.		Stirrup wing nut.
150/858			Complete pump.



MARK.	PRICE.	DESCRIPTION.				
		Spare Parts for Amal Concentric				
155		Carburettor Type 244/466				
482		Throttle valve cable nipple.				
/263		Throttle valve spring.				
/031		Mixing chamber cap.				
/099		Jet key.				
2/500		Throttle lever complete.				
3/168		Tickler cotter.				
5/769		Holding bolt for float chamber cap.				
5/1699		Float chamber cap.				
5/2310		Float.				
5/2321		Tickler body.				
5/2323		Securing screws for float chamber cap.				
5/2339		Tickler spring.				
0/159		Air valve control spring.				
5/012		Needle retaining screw.				
		Main jet.				
44/283		Mixing chamber body, complete with elbow 244/516.				
44/303		Throttle valve.				
44/306		Tickler.				
44/373						
44/505		Air valve. Air valve rod ferrule.				
44/506						
44/507		Mixing chamber top.				
44/508		Mixing chamber top cover.				
44/509		Mixing chamber top felt washer.				
44/510		Washer for felt.				
44/514		Air valve control rod and lever.				
44/515		Air valve control locknut.				
44/588		Float needle.				
44/589		Needle seating.				
44/595		Joint for float chamber cap.				
44/597		Needle seating washer.				
3.120		Pilot jet.				
3.691		Filter adaptor with gauze B.200				
3.697		Washer for float chamber cap.				
MGE.297		Throttle cable complete. Armoured and with m	idw			
		adjustment.				



MARK.	MARK. NO.PER PRICE PRICE EACH. DESCRIPTION.		DESCRIPTION.
			Row Crop Dividers
CCD/A CCD/B CCD/3/4 CCD/5 MG5/207 MG5/207 MG5/352 MG5/691 MG5/697 MG5/706 MG5/707 MGF/501/3 MGF/501/3 MGF/501/4 MGF/501/5 MGF/507/4 MGF/507/4	1 1 2 2 4 4 4 2 2 1 1 2 4 4 4 4 4 4 4 4		Row crop divider. R.H. Row crop divider. L.H. Rear adjusting bracket and distance tube. Clamping bolt. Bolt for rear adj. bracket. 3" BSF. × 1". Set screws for rear support brackets. Bolt for side support bracket 7" BSF. × 14". Side support bracket. Bolt for side support bracket. 3" BSF. × 14". Rear support bracket R.H. Rear support bracket L.H. Nuts for bolt for side support bracket. 3" BSF. Nuts for rear adjusting bracket. Nuts for bolt for side support bracket. 7" BSF. Nut for clamping bolt, 3" BSF. Washer for bolt for side support bracket. Washer for rear adjusting bracket. Washer for clamping bolt.
MAS/3			Row Crop Divider, R.H.  1—CCD/A; 1—CCD/3/4; 1—CCD/5; 4—MG5/207; 2—MG5/352; 1—MG5/691; 1—MG5/697; 1— MG5/706; 3—MGF/501/3; 2—MGF/501/4; 2— MGF/501/5; 3—MGF/507/4; 2—MGF/507/6.
MAS/3A		*	Row Crop Divider, L.H.  1—CCD/B; 1—CCD/3/4; 1—CCD/5; 4—MG5/207; 2—MG5/352; 1—MG5/691; 1—MG5/697; 1—MG5/707; 3—MGF/501/3; 2—MGF/501/4; 2—MGF/501/5; 3—MGF/507/4; 2—MGF/507/5; 2—MGF/507/6.



TOOLS

MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
		173	
			List of Tools supplied with MG5 Tractor
MG5/658	1		Double-ended spanner $\frac{7}{8}$ " $\times \frac{3}{4}$ " Whit.
MG5/659	1		Double-ended spanner $\frac{11}{16}'' \times \frac{9}{16}''$ Whit.
MG5/660	1		Double-ended spanner \( \frac{1}{2}'' \times
MG5/661	1		Double-ended spanner $\frac{1}{2}'' \times \frac{7}{16}''$ Whit.
MG5/662	1		Double-ended spanner $\frac{3}{8}'' \times \frac{5}{16}''$ Whit.
MG5/663	2		Double-ended spanner for tappet adjustment $\frac{1}{4}$ " $\times \frac{3}{16}$ ".
MG5/664	1		Box spanner $\frac{9}{16}$ " $\times \frac{7}{16}$ " Whit. 6" long with $\frac{3}{8}$ " tommy bar.
MG5/665	1		Box spanner 4" Whit. with tommy bar.
MG5/666	1		Box spanner \(\frac{3}{4}''\) Whit. 6'' long, for crankcase drain plug, with tommy bar.
MG5/668	1		Set of feeler gauges=.006", .012", .015" and .030".
MG5/669	1		Petrol funnel with gauze strainer.
MG5/670	1		Pressure oil gun.
MG5/671	1		Pressure oil can.
MG5/672	1		Dipstick (Gearbox).
MG5/673	1		Dipstick (Engine).
MG5/674	1		Jet spanner.
MG5/675	† 1		Hex. wrench for \( \frac{1}{4} \) cap screw.
PSF/40	1		Combined screwdriver and spanner.

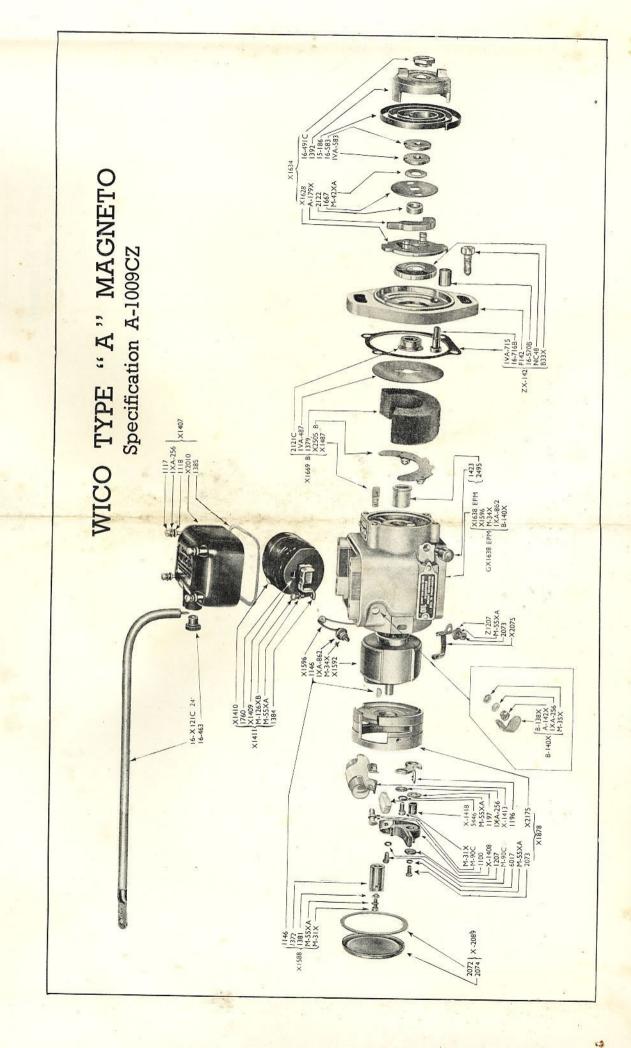
<sup>‡</sup> Denotes not illustrated.

	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION.
nine and a second	i i		Wico Type "A" Magneto Specification A-1009CZ
A-142X	2		Earth stud nut.
A-179X	1		
	1		Trip arm. Oil seal.
B-33X			
B-138X	2 2		Stop switch contact.
B-140X	8 2		Stop switch group.
F.142	1		End plate.
GX 1638/EPM			Main housing unit.
M-31X	1		Cam screw.
M-31X	1		Fixed contact screw.
M-34X	4		Earth stud insulating bushing.
M-35X	2		Earth stud insulating washer.
M-42XA	1		Driven flange spacing washer.
M-55XA	1		Cam screw lock washer.
M-55XA	2		Coil clamp core screw lock washer.
M-55XA	1		Fixed contact screw lock washer.
M-55XA	1		Breaker arm clamp screw lock washer.
M-55XA	2		Breaker box screw lock washer.
M-90C	2		Condenser screw lock washer.
M-90C	1		Breaker arm spring screw lock washer.
M-126XB	2		Coil core clamp screw.
PERSONAL PROPERTY.	2 4		
NC.48	10000		End plate screws.
	§ 1		Cover group. (Superseded by X.1412).
X.1408	1		Breaker arm group.
X.1409	1		Coil core group.
X.1410	1		Coil group.
X.1411	§ 1 1 1		Coil and core group.
	*		Cover group, complete with cable.
X.1413	1		Condenser group.
X.1487	1		Oil scraper assembly.
X.1588	§ 1		Cam unit.
X.1592	1		Rotor assembly.
X.1596	1		Ground stud group (2 screws, connecting wire and breake
			lead).
X.1628	1		Driven flange group (arms not included).
X.1634	0 1		Impulse coupling unit.
X.1638/EPM	§ 1 § 1 § 1		Main housing unit.
X 1669B	§ 1		Oiling d'sc unit.
X.1878	§ 1		Breaker assembly.
X.2010	1		Cover unit.
	320		
X.2075	2		Breaker box clip assembly.
X.2089	§ 1		Breaker box cover.
X.2175	1		Breaker assembly housing.
X.2505B	1		Oil pad spring group.
ZX.142	§ 1		End plate group.
Z.1207	1		Breaker box clip screw washer.
IVA.487	1		Oiling disc.
IVA.583	1		Drive cup spacing washer (steel).
IVA.715	1		End plate gasket.
IXA.256			Fixed contact screw washer.

Note:—§ Includes all parts bracketed against this number on illustration.

‡ Denotes not illustrated.

	NO.PER	PRICE	
MARK.	MACH.	EACH.	DESCRIPTION,
			Wico Type "A" Magneto Specification A—1009CZ
XA.256	4		
XA.862	2		Cover screw washer.
5-186	1		Earth stud insulating washer.
	37-5		Drive spring.
6-X121C	1		H.T. lead group 24"
6-463	1		Terminal nut.
6-491C	1		Impulse lock nut.
5-570B	1		Impulse stop.
5-583	1		Drive cup spacing washer (brass).
6-704B	4		End plate screw.
6-716B	1		Impulse stop screw.
100	2		Condenser screw.
117	4		Cover screws.
118	4		Cover screw washer (leather).
146	1		Cam key.
152	î		Oil scraper (part of X.1487).
153	î		Oil scraper spring (part of X.1487).
172	1		Oil catcher (part of X.1467).
196	1		Fixed contact
197	1		Fixed contact.
	4 200		Breaker arm spacing washer.
207	1		Breaker arm clamp washer.
328	2		Earth stud (part of X.1596).
372	1 1		Cam.
379	1 1		Main oil pad.
381	1		Cam screw lock plate.
384	2		Coil core clamp.
385	1		Cover gasket.
392	1		Impulse drive cup.
418	1		Breaker arm spacer.
423	2		Oiler.
667	1		Drive spring retainer.
760	2		Coil gasket.
072	1		Breaker box gasket.
073	2		Breaker box cover screw.
073	1		Breaker arm spring screw.
73	1		Breaker arm clamp screw.
)74	1		Breaker box cover.
21C	i		Impulse spacer.
22	î		Driven flange spacer
264B	1 170		Driven flange spacer. Coil wedge (part of X.1411).
195	2		Main housing bushing.
146	2 2 1		Cam oil pad.
017	1		
017	1		Breaker arm spring screw.
			*
	31		



MARK.	NO.PER MACH.	PRICE EACH.	DESCRIPTION.
		24 2	Special Attachments (not illustrated)
MAS/2	1	and the State of t	STEADYING WHEEL, R.H.
	Aby.		1—MG7/1230; 1—MG7/1231; 1—MG7/1232/3; 1—
		il ujeta.	MG7/1235; 2—MG5/96; 2—MGF/501/3; 1—MGF/501/
			5; 1—MGF/506/10; 2—MGF/507/4; 1—MGF/507/6; 1—MGF/507/9; 1—PS/702C; 1—TW/89.
			1—MGF/30//9; 1—FS//02C; 1—1 W/89.
MAS/2A	1		STEADYING WHEEL. L.H.
			1—MG7/1230; 1—MG7/1231; 1—MG7/1232/4;
Sept 1			1—MG7/1235; 2—MG5/96; 2—MGF/501/3; 1—
			MGF/501/5; 1—MGF/506/10; 2—MGF/507/4; 1—MGF/507/6; 1—MGF/507/9; 1—PS/702C;
			1—TW/89
St. Commence			No. of the Control of
MAS/4			STACKPIPE AIR CLEANER
MGE/254	2		Clips for hose for stackpipe.  Air cleaner bracket for stackpipe.
MGE/256 MGE/257	1		Modified air cleaner.
MGE/259	1		Stackpipe.
MGE/261	1		Cork washer for modified air cleaner.
MGE/279	1		Hose for stackpipe.
MG5/443 MGF/507/2	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$		Bolt for cap for stackpipe, $\frac{1}{4}$ " BSF $\times 1\frac{3}{16}$ " long. Lockwashers for ditto, $\frac{1}{4}$ ".
MG1/307/2	3		Lockwashers for screws for modified air cleaner.
LAJ/280A	1		Bridge piece for stackpipe.
LAJ/283	1		Cap for stackpipe.
LAJ/284	1		Distance piece for stackpipe.
MAS/5			TRACK SCRAPER
MG5/207	4		Setscrews for inner track scraper $\frac{3}{8}$ " BSF $\times$ 1" long.
MG5/710	2		Track scraper, outer.
MG5/711			Track scraper, inner R.H.
MG5/712	1		Track scraper, inner L.H.
			CANVAS COVER.
MG5/675	1		Waterproof cover.

## **Nuts and Washers**

MARK.	DESCRIPTION.	MARK.	DESCRIPTION.
MGF/501/1	Standard BSF. ½" nut.	MGF/506/2	Standard bright washers 5.
MGF/501/2 MGF/501/3	Standard BSF. $\frac{5}{16}''$ nut. Standard BSF. $\frac{3}{8}''$ nut.	MGF/506/3 MGF/506/4	Standard bright washers \(\frac{3}{8}\)". Standard bright washers \(\frac{7}{6}\)".
MGF/501/4	Standard BSF. 76" nut.	MGF/506/5	Standard bright washers ½".
MGF/501/5	Standard BSF. ½" nut.	MGF/506/7	Standard bright washers $\frac{5}{8}$ ".
MGF/501/7	Standard BSF. \(\frac{5}{8}\)" nut.	MGF/506/10	Standard bright washers 1".
MGF/501/8	Standard BSF. ¾" nut.	MGF/507/1	Locking washer 3.".
MGF/502/3	BSF. thin locknut §".	MGF/507/2	Locking washers \( \frac{1}{4}''. \)
MGF/502/5	BSF. thin locknut ½".	MGF/507/3	Locking washers 5.".
MGF/504/1	BSF. self locking ½" nut.	MGF/507/4	Locking washers \(\frac{3}{8}''\).
MGF/504/2	BSF. self locking 5" nut.	MGF/507/5	Locking washers 78".
MGF/504/3	BSF. self locking \( \frac{3}{2} \) nut.	MGF/507/6	Locking washers ½".
MGF/504/4	BSF. self locking 7 nut.	MGF/507/8	Locking washers \( \frac{5}{8}''.
MGF/504/5	BSF. self locking ½" nut.	MGF/507/9	Locking washers \(\frac{3}{4}''\).
MGF/504/7	BSF. self locking 5" nut.	MGF/507/13	Locking washers 13".
MGF/506/1	Standard bright washers \( \frac{1}{4}''.	MGF/508/4	Shakeproof washer 3".

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