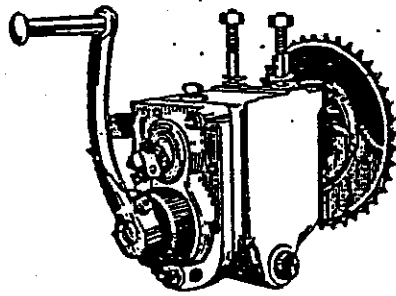


MAY 1930

STURMEY ARCHER COUNTERSHAFT GEAR



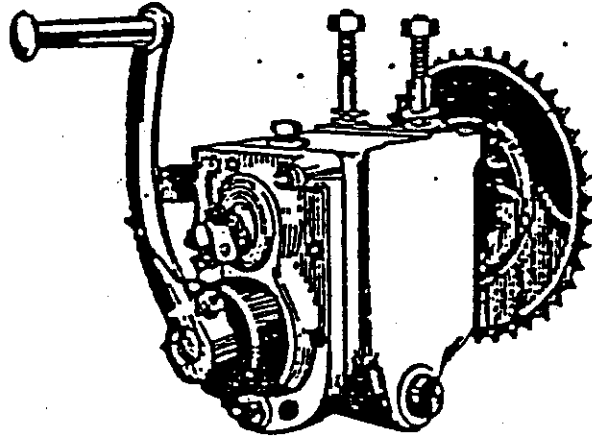
SUPPLEMENTARY LIST OF
SPARE PARTS
ADDITIONS AND
ALTERATIONS FOR
1930.

STURMEY ARCHER GEARS LTD.
LENTON, NOTTINGHAM.

TELEGRAMS: - TRIPLE, NOTTINGHAM.
TELEPHONE: - - - - 75154.

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PRICE LIST OF SPARE PARTS OF STURMEY ARCHER COUNTERSHAFT GEARS

L.S. GEARBOX TYPES.

(A few parts are used on other types of Boxes as indicated).

Symbol No.	Description.	Price.		Symbol No.	Description.	Price.		
		£	s. d.			£	s.	d.
1u	Gearbox Shell with Speedo Facing, Matchless Models X2, X/2R, V3, V6	1	16 0	24a	Clutch Worm, for special lubricating device (Matchless Models T5, TS/2, V3, V6, X2 and X2/R)	0	1	9
2h	Gearbox Cover with extension for Bell Crank, for Coventry Eagle Model 3, D.O.T., and Matchless Models T3, T4, TS, and TR, also fitted to N.U.T. and Zenith with Disc Control on Cover	0	17 0		Oil Retaining Rubber Sleeve for above Models	0	0	2
2p	Gearbox Cover, Enfield Models (L.S.)	0	16 0	31e	Axle Sprocket, 16T, $\frac{1}{2}$ " x $\frac{1}{4}$ " (shown in booklet as L.S.21c in error)	0	7	6
4a	Layshaft, A.J.S. Models R7, R10 (less Kick-Start)	0	12 6	31g	Axle Sprocket, 18T, $\frac{1}{2}$ " x $\frac{5}{16}$ "	0	7	6
4b	Layshaft A.J.S. Models R8, R9, R2	0	12 6	31j	Axle Sprocket, 17T, $\frac{5}{8}$ " x $\frac{1}{4}$ "	0	7	6
11h	Kick Starter Axle, $1\frac{1}{2}$ " extension (Enfield Model D30), Matchless Models V3, V6 (H.W.)	0	12 6	31m	Axle Sprocket, 21T, $\frac{1}{2}$ " x $\frac{5}{16}$ "	0	7	6
11j	Kick Starter Axle, $\frac{3}{4}$ " extension, alternative Axle for Norton CJJE 1930 (L.W.) and C.S.1 and E.S.2, 1930 (H.W.)	0	12 6	37	Rockingshaft Lever Bush should be priced at	0	2	0
11n	Kick Starter Axle and Layshaft Bush, $3\frac{1}{4}$ " extension, 1930 Dunell Models 'M' and 'S' (L.S.)	0	15 0	57e	Main Axle, $\frac{1}{4}$ " longer than standard 27"/32" long thread (Enfield)	0	13	0
11p	Kick Starter Axle and Layshaft Bush, 2" extension, Horizontal Box (New Hudson Models M198 and M198S Coventry Eagle, No. 4)	0	12 6	57i	Main Axle to suit special lubricating device, for Matchless Models V3, V6	0	13	0
16	Axle Nut Lock Washer. Price should be	0	0 1	58k	Kick Starter Crank, $5\frac{1}{2}$ " centres, $\frac{3}{4}$ " offset, (Matchless Models T5, TS/2, until end of 1929) in addition to those shown on page 2	0	11	0
18d	Kick Starter Return Spring, $3\frac{1}{2}$ " extension (Dunell Models 'M' and 'S' 1930)	0	1 0	60a	Index Plate, Dunell and Raleigh (Obsolete)	0	3	0
18h	Kick Starter Return Spring for $2\frac{1}{2}$ " extended Axle, Enfield Models E, J, F, G and H30 (L.S.) Phelon & Moore (L.S.), Norton Models CJJE (L.W.) and C.S.1 and E.S.2 (H.W.) 1930	0	1 0	60b	Index Plate (Enfield)	0	3	0
19b	Kick Starter Stop Spring $\frac{7}{8}$ " extended Axle, used with straight and curved Crank, without offset	0	0 7	65a	Spring Nut Washer, B.S. Disc Control, Norton 1929 and 1930 Disc Control on Cover (L.S.) and Disc Control on Box (C.S.)	0	0	1
19d	Kick Starter Stop Spring for 2" extended Axles, Raleigh M.J.30, M.O.30 (B.S.) and M.A. (H.W.) Matchless Model R6 (E.W.)	0	0 7	70a	Shock Absorber Driver (4 Plate 6 slots)	0	8	0
19e	Kick Starter Stop Spring for $\frac{7}{8}$ " extended Axle used for offset Cranks	0	0 7	73c	Clutch Sprocket 42T, $\frac{1}{2}$ " x $\frac{5}{16}$ " Matchless 1930 Models V3, V6, X2, X/2R, in addition to those shown on page 3	1	0	0
19g	Kick Starter Stop Spring, Montgomery (B.S.)	0	0 7	94	Thrust Pin $\frac{1}{2}$ " long (D.E.2 Plate Clutch)	0	0	9
24	Clutch Nut should be L.S.25 in booklet	0	4 0	101	Clutch Adjuster Nut for $3\frac{1}{4}$ " Chain Line (used on 4 Plate Solid fitted to Norton H.W. Sports C.S.1 and E.S.2)	0	0	8
				105	Control Gate Fulcrum Stud, with Thick Boss when fitted to a Gate Lever which is not rivetted to short Gear Lever (used on L.S. Gate on Box, Gate under Tank Bracket L.S.140 and Gate Tank Adjustable Bracket L.S.103)	0	0	9
				113	Rivets for Control Gate	0	0	6
				120	Sleeve Nut for Gate Control, Scott (F.W.) and Coventry Eagle Model 4A (L.S. Horizontal) in addition to those shown on page 4	0	0	5
				121	Spring Washer for Gate Control (B.W. Sleeve Fixing Gate Control (see page 4))	0	0	4

**PRICE LIST OF SPARE PARTS FOR STURMEY ARCHER
COUNTERSHAFT GEARS.**

Symbol No.	Description.	Price. £ s. d.	Symbol No.	Description.	Price. £ s. d.
L.S. 121a	Sleeve Nut Spring Washer, Scott (F.W.) Dunelt Model 'S' (L.S.) Matchless Models R4 and R6 (F.W.) Phelon & Moore (F.W.) ...	0 0 4	L.S. 190a	Clutch Friction Rubber, Matchless Models V3, V6, X2, X/2R and A.J.S. Models R2, R8, R10 (H.W.) in addition to those shown on page 5 ...	0 0 2
.. 122b	Clutch Worm Lever, Norton 1930 (C.S. and L.S.) ...	0 2 6	.. 192b	Main Axle (2 Plate Multi Spring Clutch) A.J.S. Models R4, R6, R7 and R9 ...	0 13 0
.. 124	Stud (correct price) ...	0 0 8	.. 193b	Main Axle (3 Plate Multi) A.J.S. Models R2, and R8 and R10 ...	0 13 0
.. 126	Screw for Clutch Worm Lever, Norton 1930 Models, 5/16" dia. thread ...	0 0 1	.. 193c	Main Axle (4 Plate Multi) to suit special lubricating device, Matchless Models X2, X2/R ...	0 13 0
.. 132	Gate Control Fulcrum Stud, with thin boss when fitted to a Lever which is rivetted to Short Gear Lever (used on Dunelt Model 'S' (L.S. Horizontal) B.S. Gate on Cover, L.S. Seat Tube Gate Control and L.S. Gate on Box (Brough only) ...	0 0 8	.. 194c	Long Gear Control Rod, 13 1/4" long, 1 1/4" offset, in addition to those shown on page 5 ...	0 1 0
.. 133	Sleeve Nut, Dunelt Model 'S' (L.S.) (see page 4) ...	0 0 5	.. 194l	Bottom Gear Control Rod, Matchless Model A. (B.S.) ...	0 1 0
.. 134c	Main Gear Wheel with Roller Bearing, 24T. meshes with 18T. L.S.135c ...	0 17 6	.. 194m	Top Gear Control Rod, Matchless Model A (B.S.) ...	0 1 0
.. 136c	Axle Sliding Pinion, 20T. (meshes with 22T., L.S.137a) ...	0 8 6	.. 194n	Gear Control Rod, Matchless 1930 Models T5, TS/2, 12-11/16" ...	0 0 1
.. 138c	Main Axle Pinion, 13T (Ariel 1930) Meshes with 29T, L.S.139e ...	0 4 0	.. 194p	Short Gear Control Rod, 7" long, Matchless 1930 Models T5, TS/2 ...	0 1 0
.. 139e	Low Gear and Kick Starter Wheel (Ariel 1930), 29T. meshes with 13T., L.S.138c ...	0 10 0	.. 194q	Long Gear Control Rod, Matchless 1930 Models V3, V6, 15-11/16" ...	0 1 0
.. 143	Gear Control Rivet, B.W. Sleeve Fixing Gate Control and Scott (F.W.) (see page 5) ... doz.	0 0 6	.. 194r	Short Gear Control Rod, 5 1/4" long Matchless-1930 Models V3, V6 ...	0 1 0
.. 145a	Distance Piece for 1 1/4" extended Axle, 1-5/16" not 15/16" as shown in booklet... ..	0 0 3	.. 194s	Long Control Rod, Matchless 1930 Models X/2 and X/2R, about 21" ...	0 1 0
.. 145b	Distance Piece for 2" extended Axle New Hudson Models M198 and M198S (see page 5) ...	0 0 3	.. 194t	Long Gear Control Rod, 11 1/4", Matchless R4 and R6 (F.W.) ...	0 1 0
.. 161d	Rockingshaft Lever, Coventry Eagle Model 4 (1930) ...	0 3 6	.. 195	Gate Tank Lever, Matchless Models X/2R, X2, T5, TS/2, V3, V6, in addition to those shown on page 5 ...	0 6 0
.. 161e	Rockingshaft Lever, Matchless Models T5, TS/2 (see page 5) ...	0 3 6	.. 195a	Gate Tank Lever, Matchless Models R4 and R6 (F.W.) Ivy (F.W.) in addition to those shown on page 5 ...	0 6 0
.. 161f	Rockingshaft Lever (Montgomery L.W.) ...	0 3 6	.. 196	Gear Control Gate, Rivetted to Gate Back Plate L.S.303, Coventry Eagle 1930, L.S. Boxes ...	0 6 6
.. 162	Sliding Gear Fork with Index Plate L.S.166 on same side as 'V' slot. Matchless Model X/2R. A.J.S. Models R4 and R6 in addition to those shown on page 5 ...	0 8 0	.. 196	Gear Control Gate. Rivetted to Gate Back Plate MS.608 Raleigh Models M.T.30 (L.W. Box) M.H. 30, M.A.30 (H.W. Box) 1930 ...	0 6 6
.. 172a	Clutch Centre (2 Plate Multi Spring Clutch) A.J.S. Models R7 and R9 ...	0 17 6	.. 199	Gearbox Cover (used on Horizontal Box). Raleigh Models M.T.30, M.A.30, M.H.30, New Hudson Models M198 and M198S. in addition to those shown on page 6 ...	0 15 0
.. 182b	Clutch Spring Box Plate, A.J.S. Models R9, and R7 and all 4-Plate Multi Spring Clutches only for 1930 ...	0 2 3	.. 199d	Gearbox Cover, Coventry Eagle Model 4a ...	0 15 0
.. 182d	Clutch Spring Box Plate, A.J.S. Models R2, R4, R6, R8, R10 (and all other 2 and 3 Plate Multi Spring Clutches for 1930) ...	0 2 3	.. 200c	Gearbox Shell (Horizontal) with Speedo Facing, Raleigh Models M.T.30, M.A.30, M.H.30 (H.W.) in addition to those shown on page 6 ...	1 16 0
.. 184b	Clutch Driver (2 Plate Multi Spring Shock Absorber Clutch) A.J.S. Models R9 and R7 ...	0 8 0	.. 208	Gate Tank Lever (used on Horizontal Box), Raleigh Models M.T.30, M.A.30, M.H.30, and Coventry Eagle Models 4, in addition to Raleigh M.A. 4.98 Model ...	0 6 0
.. 189	Clutch Rod is 7 1/4" long not 6 1/4" as shown on page 5 (2 Plate Multi Spring Clutch) ...	0 0 10	.. 219	Clutch Sprocket 42T, 1/2" x 5/16" for 2 Plate solid with Corks, correct price ...	1 2 6
.. 189c	Clutch Rod, 7 1/4" long, A.J.S. Models R4 and R6 ...	0 0 10	.. 221	Axle Sprocket, 17T 1/2" x 1/2". Norton 1930 (C.S.) ...	0 7 6
.. 190	Clutch Friction Rubber, Matchless Models T5, TS/2, A.J.S. Models R5, R12 (B.W.) R4, R6 (L.W.) R7 and R9 (H.W.) ...	0 0 2	.. 221a	Axle Sprocket, 19T, 1/2" x 1/2". Norton 1930 C.J.J.E (L.W.) and C.S.1 and E.S.2 (H.W.) ...	0 7 6

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**PRICE LIST OF SPARE PARTS FOR STURMEY ARCHER
COUNTERSHAFT GEARS.**

Symbol No.	Description.	Price.	Symbol No.	Description.	Price.
		£ s. d.			£ s. d.
.. 231a	Gearbox Cover (Disc on Cover less K.S.), Norton C.S.1 and E.S.2 ...	0 17 0		Moore (L.S.) and Matchless Model X/2R. in addition to those shown on page 7 ...	0 0 9
.. 231d	Gearbox Cover for Gate Tank Control, Norton Models C.S.1 and E.S.2 (H.W.) and C.J.J.E. (L.W.) 1930 ...	0 17 0	L.S. 267	Clutch Nut A.J.S. Models R2, 4, 6, 7, 8, 9, 10 ...	0 3 6
.. 231e	Gearbox Cover (Gate Tank less K.S.), Norton C.S.1 and E.S.2 ...	0 17 0	.. 268	Clutch Operating Fulcrum Lock Nut (A.J.S. Models R2, 4, 6, 8, 9, 7 and 10) ...	0 0 1
.. 232b	Gear Control Rod, Norton Models 18, 19, and 20 (C.S.) ...	0 1 0	.. 271a	Gear Control Rod, Raleigh Models M.T.30, M.A.30, M.H.30 ...	0 1 0
.. 232c	Gear Control Rod, Norton Models 16H and Big 4 (C.S.) ...	0 1 0	.. 275	Gear Control Rod (Coventry Eagle Models 4 and 4a) ...	0 1 3
.. 232d	Gear Control Rod, Norton Model C.J.J.E. (L.W.) ...	0 1 0	.. 280a	Gearbox Shell to give 2 1/2" Chain Line (Enfield 1930 Models) ...	1 16 0
.. 234a	Rockingshaft Lever (Disc Control on Cover) used on Norton 1929 and 1930 C.J.J.E. Models (L.W.)	0 6 0	.. 286a	Gate Control Bracket (Dunelt Model 'M' and 'S' 1930) ...	0 4 0
.. 234b	Rockingshaft Lever (Gate Tank Control) front of box, used on Norton Models C.S.1 and E.S.2 (H.W.) 1930 ...	0 6 0	.. 286b	Gate Control Bracket, Scott Model 2 (F.W.) ...	0 4 0
.. 234c	Rockingshaft Lever (Gate Tank Control) Norton Model C.J.J.E. (L.W.) 1930 ...	0 6 0	.. 292a	Main Axle, Matchless Models T5, TS/2, in addition to those shown on page 7 ...	0 13 0
.. 247	Kick Starter Crank 1 1/4" offset, 6 1/2" centres, Dunelt Models 'S' and 'M' (1930) Chater Lea (C.S.) in addition to those shown on page 6 ...	0 11 0	.. 292c	Main Axle to suit special lubricating device for Matchless 1930 Models T5, TS/2 (L.W.) ...	0 13 0
.. 254	Kick Starter Crank (straight) 1 1/4" offset, (Enfield 1930), Norton (C.S.) 1930 C.J.J.E. (L.W.) 1930 and C.S.1 and E.S.2 1930 (H.W.)	0 11 0	.. 293a	Layshaft (A.J.S.) Models R4 and R6 only) ...	0 12 6
.. 254a	Kick Starter Crank, curved, 1 1/4" offset, Matchless 1930 Models X2, X2/R, V3, V6, T5, TS/2 in addition to those shown on page 6 ...	0 11 0	.. 307	Rockingshaft Lever (A.J.S. Model R2) ...	0 3 6
.. 254b	Kick Starter Crank (Coventry Eagle Models 4 and 4a) 1-15/16" offset ...	0 11 0	.. 311a	Gearbox Shell with Speedo Facing (Matchless Models T5, TS/2, in addition to those shown on page 7 ...	1 16 0
.. 255	Rockingshaft Lever, 4" centres, Dunelt Model 'S' A.J.S. Models R4, R6, R8, R9, in addition to those shown on page 6 ...	0 3 6	.. 312	Gearbox Shell with Speedo Facing Dunelt Models ('S' and 'M') ...	1 16 0
.. 259	Gearbox Stud Nut, 1 1/4" long, not 1" as shown on page 7 ...	0 0 6	.. 316	Gearbox Stud, 2-1/16" out of box (Dunelt Models 'S' and 'M') ...	0 0 5
.. 260	Gear Connection, 1 1/4" long, Raleigh Models M.T.30, M.A.30, M.H.30, in addition to those shown on page 7 ...	0 1 0	.. 317b	Gear Control Rod, Dunelt Model 'S' (L.S.) ...	0 1 0
.. 261	Long Control Rod, 19" (1930 Ariel) ...	0 1 0	.. 317c	Gear Control Rod, Dunelt Model 'M' (1930) ...	0 1 0
.. 262	Kick Starter Axle Bush, 2-13/16" long, Dunelt Model 'S', A.J.S. Models R4, R6, R8, R9, R7 and R10, in addition to those shown on page 7 ...	0 2 0	.. 317d	Gear Control Rod, Dunelt Model 'T' (B.W. Box) ...	0 1 0
.. 263	Kick Starter Distance Piece (Enfield 1930 Model D30), in addition to those shown on page 7 ...	0 0 3	.. 319	Gear Control Lever (rivetted to Short Control Lever L.S.319a) Dunelt 1930 Models 'M' and 'S' ...	0 6 0
.. 263a	Kick Starter Distance Piece, Dunelt Models 'S' and 'M' (1930)	0 0 3	.. 321a	Casing for Speedo Pinion (A.J.S. Models R8, R.9, R.10 and R2, Dunelt Model 'S', Norton 1930 (C.S.) ...	0 2 6
.. 263c	Kick Starter Distance Piece, Enfield 1930 Models E.30, J.30, F.30, G.30 and H.30, Phelon & Moore (L.S.) Norton Models C.J.J.E. (L.W.) and C.S.1 and E.S.2 (H.W.) for 2 1/4" extended Axles ...	0 0 3	.. 327	Speedo Pinion 21T. New Hudson Models M.198s (L.W.) in addition to those shown on page 9 ...	0 2 6
.. 264	Kick Starter Return Spring Cover, Dunelt Model 'S' Phelon &		.. 327a	Speedo Pinion 20T., cut from 21 Blank (A.J.S. Models R.8, R.9, R.2 and R.10) ...	0 2 6
			.. 327d	Speedo Pinion 22T., cut from 21 Blank (Dunelt Model 'S') ...	0 2 6
			.. 329a	Speedo Cover Plate (used when Speedo is left off) A.J.S. Models R.4 and R.6, R.7 and R.10, Matchless Model 'A' (B.S.), Dunelt Model 'S', Norton (C.S.) 1930, New Hudson M.198s in addition to those shown on page 9 ...	0 0 3
			.. 331	Gearbox Cover Spring Washer (A.J.S. Models R.2, R.4, R.6, R.8, R.9, R.7 and R.10) ...	0 0 1
			.. 333a	Speedo Pinion 15T. cut from 16 Blank (New Hudson F.W.), see page 9 ...	0 2 6

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COUNTERSHAFT GEARS.**

Symbol No.	Description.	Price.
		£ s. d.
L.S. 333f	Speedo Pinion 23T., A.J.S. Models R.5, and R.12 (B.W.) ...	0 2 6
.. 338	Speedo Cover Plate, New Hudson M.1998, M.200S (F.W.), see page 9 ...	0 0 3
.. 339a	Casing for Speedo Pinion, A.J.S. Models R.5, and R.12 (B.W. Box) New Hudson M.199 and M.200s (F.W.) ...	0 2 6
.. 341	Cover Plate (used when Speedo is left off) A.J.S. Models R.5, and R.12 (B.W. Box) in addition to those on page 9 ...	0 0 3
.. 346	Speedo Pinion, 21T. cut at 15° (Norton 1930 C.S. Box) ...	0 2 6
.. 347	Speedo Pinion 24T., A.J.S. Model R.4, 6, and 7 ...	0 2 6
.. 348	Aluminium Speedo Drive Casing, A.J.S. Model R.4, 6 and 7 ...	0 2 6
.. 349	Speedo Casing Fixing Screw (A.J.S. Models R.4, 6 and 7) ...	0 0 2
.. 354	Oil Retaining Washer (leather) for Main Bearing Norton 1930 Models C.S.1 and E.S.2 (H.W.) ...	0 0 3
.. 365	Gearbox Cover (New Hudson Models M.198 and M.198s) ...	1 16 0
.. 382	Gearbox Shell (A.J.S. Model R.7) ...	1 16 0
.. 383	Gearbox Shell (A.J.S. Models R.2 and R.10) ...	1 16 0
.. 384	Gearbox Shell (A.J.S. Models R.8 and R.9) ...	1 16 0
.. 385	Gearbox Shell (A.J.S. Models R.4 and R.6) ...	1 16 0
.. 386	Gearbox Cover (A.J.S. Models R.4, R.6, R.8 and R.9) ...	0 15 0
.. 386a	Gearbox Cover (A.J.S. Model R.2) ...	0 15 0
.. 386b	Gearbox Cover (less K.S.), (A.J.S. Models R.7 and 10) ...	0 15 0
.. 388	Clutch Operating Lever (A.J.S. Models R.4, 6, 8, 9, 2, 5, 12, 7 and 10) ...	0 4 0
.. 391	Clutch Operating Fulcrum (A.J.S. Models R.4, 6, 8, 7 and 10) ...	0 1 0
.. 392	Clutch Operating Lever Fulcrum Pin (A.J.S. Models R.5, R.12, 4, 6, 8, 9, 2, 7 and 10) ...	0 0 3
.. 393	Kick Starter Cam Rivet (A.J.S. Models R.4, 6, 8, 9, and 2) ...	0 0 1
.. 394	Kick Starter Axle 2 1/2" extended (A.J.S. Models R.4, 6, 9, 2) (Enfield Models E.30, J.30, F.30, G.30, H.30) and alternative axle for Norton C.J.J.E. (L.W.) and C.S.1 and E.S.2 (H.W.) 1930 Models ...	0 12 6
.. 394a	Kick Starter Axle (Phelon & Moore) ...	0 12 6
.. 395	Kick Starter Return Spring Cover (A.J.S. Models R.4, 6, 8, 9 and 2) ...	0 1 0
.. 396a	Clutch Operating Lever Adjuster Screw (A.J.S. Models R.4, 6, 8, 9, 2, 7 and 10) ...	0 0 3
.. 397	Gearbox Fixing Stud, 2 1/2" out of box (A.J.S. Models R.2 and R.10) ...	0 0 5
.. 398	Clutch Operating Pin (A.J.S. Models R.4, 6, 8, 9, 2, 7 and 10) ...	0 0 3
.. 399a	Rocking Shaft Lever (A.J.S., R.7 and R.10) ...	0 3 6
.. 410	Speedo Pinion Casing (Matchless Models T.V. and X.1930) ...	0 2 6
.. 410b	Speedo Pinion Casing, Matchless	

Symbol No.	Description.	Price.
		£ s. d.
L.S. 411	Model A (B.S.) ...	0 2 6
.. 412	Speedo Pinion, 23T., Matchless Model A. (B.S.) ...	0 2 6
.. 413	Speedo Pinion Spindle, Matchless Models A.T., V. and X.1930 ...	0 1 3
.. 414	Speedo Intermediate Pinion, Matchless Models A.T.V. and X.1930 ...	0 1 0
.. 415	Speedo Final Pinion, Matchless Models A.T.V. and X.1930 ...	0 1 0
.. 416	Speedo Final Pinion Spindle, Matchless Models A.T.V. and X.1930 ...	0 1 3
.. 416a	Speedo Pinion, 19T. cut from 21 Blank, Matchless Model X. only 1930 ...	0 2 6

C.S. GEARBOX PARTS.

(Fitted to C.S. Box, and some parts are used on other types of boxes as indicated).

Symbol No.	Description.	Price.
		£ s. d.
C.S. 2b	Gearbox Shell ...	2 12 6
.. 3	Gearbox Cover, Chater Lea 1930 (C.S.) ...	
.. 2c	Gearbox Shell ...	2 12 6
.. 206	Gearbox Cover, when Gate Tank or Disc Control on box is used (Norton 1930) ...	
.. 5c	Gearbox Stud, 4 1/2" long, 3/4" out of box (Matchless Models V3, X/2R, in addition to those on page 10) ...	0 0 5
.. 5g	Gearbox Stud, 2-15/32" long, 1 1/4" out of box, Chater Lea 1929 and 1930, Norton 1930 (C.S. Box) in addition to those shown on page 10 ...	0 0 5
.. 7c	Gearbox Nut, Norton 1930 (C.S.) in addition to another make shown on page 10 ...	0 0 8
.. 8a	Should read "used as Drain and Filler Plugs on Norton C.S. Box"	0 0 8
.. 8e	Oil Filler Plug, Matchless 1930 Models ...	0 0 8
.. 8f	Oil Filler Plug, A.J.S. Models R.5, R.12 (B.W.) ...	0 0 8
.. 8g	Oil Filler Plug, A.J.S. Model R.2 (L.S.), Fitted to all A.J.S. Models from 1st May, 1930 ...	0 0 8
.. 9c	Gearbox Cover Stud, 1. used on A.J.S. Models R.2 (L.S.) along with 6 B.S. 217, 2 used on P. & M. with 5 C.S. 9 ...	0 0 3
.. 12c	Main Axle, Chater Lea (C.S.) ...	0 13 6
.. 22k	Low Gear Axle Pinion, 16T. (Fitted to Norton T.T. Models 18, 19 and 20 Racing) ...	0 6 0
.. 31b	T.S. should read 28T ...	0 7 0
.. 31n	Layshaft Low Gear Wheel 26T. (Fitted to Norton T.T. Models 18, 19 and 20 Racing) ...	0 7 0
.. 37k	Kick Starter Crank 1/2" offset, A.J.S. Models R.2, 4, 6, 8, 9, 7 and 10 Phelon & Moore (L.S. Horizontal) and New Hudson Models M.198 and M.198s (L.S.) and others on page 11 ...	0 11 0
.. 43	Bowden Wire Stop Spring (Straight Pull Clutch Control) ...	0 0 1

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**PRICE LIST OF SPARE PARTS FOR STURMEY ARCHER
COUNTERSHAFT GEARS.**

Symbol No.	Description.	Price. £ s. d.
61b	Layshaft Fixing Screw, for T.S. Box	0 0 2
63a	Axle Sprocket Locking Plate (dished) A.J.S. Models R.5 and R.12 (B.W. Box)	0 0 4
67a	Should read "Oil Retaining Washer" ... doz.	0 0 6
69b	Clutch Worm for special lubricating device, Matchless Model A (B.S.)	0 1 9
87a	Gear Connection, narrow slot, wide pin hole, Ariel (L.S.) and Dunell Model 'T' (B.W.)	0 0 10
87b	Gear Connection, narrow slot, Dunell Models 'M' and 'S' (L.S.) Scott (F.W.) and B.W. Gate Sleeve Fixing Control, in addition to others shown on page 12	0 0 10
87c	Gear Connection, 1/4" dia. Thread, A.J.S. Models R.5, R.12 (B.W.)	0 0 10
122g	Gear Control Rod, 16 1/4" long, Ivy (F.W.)	0 1 0
122j	Gear Control Rod, Norton 1930 (C.S.)	0 1 0
123	Gearbox Shell, Norton T.T. Models 18, 19 and 20 Racing	2 12 6
124	Gearbox Cover, Norton T.T. Models 18, 19 and 20 Racing	2 12 6
134a	Rockingshaft Lever (used with Disc Control on Box, Norton 1929 and 1930)	0 3 0
151	Gear Control Lock Washer, B.W. Box	0 0 1
167b	Clutch Outer Plate, Matchless Model 'A' (B.S.)	0 2 3
167c	Clutch Outer Plate, Matchless Model R.6 (F.W.)	0 2 3
170q	Axle Sprocket, 20T. 1 1/2" x 1 1/4" (Ariel 1930)	0 7 6
170r	Axle Sprocket 20T. 1 1/2" x 1 1/4" (A.J.S. Model R10 (H.W.))	0 7 6
172a	Clutch Adjuster Nut, 4 Plate solid and Shock Absorber Clutches, 2 Plate solid Clutch on Enfield Models E.30 and J.30 and 3 Plate solid clutch on Norton L.W. Sports (C.J.J.E.)	0 0 8
182	Gear Control Gate, Norton 1930 (C.S. Box), Dunell Model 'T' (B.W. Box) Montgomery (B.S. and F.W.) Royal Ruby (B.S.)	0 3 6
182a	Gear Control Gate, Norton Sports C.S.1 and E.S.2 (H.W.) and C.J.J.E. (L.W.), Montgomery (H.W., L.W.)	0 3 6
183	Gear Control Fulcrum Screw, Norton C.S.1 and E.S.2 (H.W.) C.J.J.E. (L.W.), Montgomery (H.W. and L.W., Royal Ruby (B.S.), Dunell Model 'T' (B.W. Box)	0 0 10
184	Gear Control Lever with Knob, Norton 1930 (C.S.) C.S.1 and E.S.2 (H.W.) and C.J.J.E. (L.W.)	0 8 0
184a	Gear Control Lever with Knob, Dunell Model 'T' (B.W. Box)	0 8 0
184b	Gear Control Lever with Knob, Montgomery (H.W. and L.W.) Royal Ruby (B.S.)	0 8 0
184c	Gear Control Lever with Knob, 3" crs. Montgomery (B.S.)	0 8 0

Symbol No.	Description.	Price. £ s. d.
C.S. 184d	Gear Control Lever, Montgomery (F.W.)	0 8 0
" 185	Rockingshaft Lever, Norton 1930 (C.S.) when Gate Tank Control is used	0 3 0
" 186	Gear Control Spring Washer, Norton Models 16H. Big 4, 18, 19 and 20 Racing Models, (C.S.) C.S.1 and E.S.2 (H.W.) C.J.J.E. (L.W.) Dunell Model 'T' (B.W.) Montgomery (H.W., L.W., B.S.) Royal Ruby (B.S.)	0 0 2
" 192	Locking Pin on Main Axle to take Thrust Pin (also used on L.S. Box)	0 0 1
" 202	Spindle for K.S. Wheel, Norton 1930 Models 16H. Big 4, 18, 19 and 20 (C.S.)	0 1 6
" 203	Kick Starter Axle Bush, Norton Models 16H. Big 4, 18, 19 and 20 (C.S.)	0 1 0
" 204	Kick Starter Axle without extension, Fitted with K.S. spindle C.S.202 Norton Models 16H. Big 4, 18, 19 and 20 (C.S.)	0 12 6
" 204a	Kick Starter Axle with 1 1/4" extension, fitted with K.S. Spindle C.S.202, Norton Models 16H. Big 4, 18, 19 and 20 (C.S.)	0 12 6
" 205	Kick Starter Wheel, Norton Models 16H. Big 4, 18, 19 and 20 (C.S.)	0 10 0

B.S. GEAR AND F.W. GEAR PARTS.

Symbol No.	Description.	Price. £ s. d.
B.S. 1d	Gearbox Shell, Raleigh Models M.J.30, M.O.30 and M.G.30 (B.S.) Royal Ruby (B.S.)	1 5 0
" 1e	Gearbox Shell, Matchless Model A. (B.S.)	1 5 0
" 2g	Gearbox Cover, used with Disc Control on Cover (Raleigh M.G.30)	0 16 0
" 2h	Gearbox Cover, Plain for Gate Tank (no extension) also used on Raleigh Models M.O.30 (B.S.) M.J.30 (B.S.) Royal Ruby (B.S.)	0 16 0
" 2j	Gearbox Cover, Matchless Model A. (B.S.)	0 16 0
" 7a	Main Axle (Enfield 350 c.c. 1/4" longer). This is marked B.S.7 on page 14 in error	0 11 0
" 7c	Main Axle 5/32nd" longer than Standard, Matchless Model A. (B.S.)	0 11 0
B.W. 8a	Main Gear Wheel, 3 square dogs, 23T, meshes with 18T., B.S.12 (No cones used on this part for B.W. Box)	0 10 0
B.S. 15	Layshaft Bush and K.S. Axle, and 19a 1 1/4" extension, Matchless Models R.4 and R.6 (F.W.) Raleigh M.J.30, M.O.30 (B.S.) in addition to those shown on page 14	0 11 6
"	N.B.- Phelon & Moore (F.W.) shown on page 14 is incorrect. See B.S.19c.	
" 15	Layshaft Bush and K.S. Axle, and 19c Phelon & Moore (F.W.)	0 11 6

**PRICE LIST OF SPARE PARTS FOR STURMEY ARCHER
COUNTERSHAFT GEARS.**

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Symbol No.	Description.	Price.
		£ s. d.
B.S. 15	Layshaft Bush and K.S. Axle, 7/8" and 19e extension (special cotter slot) also used on Scott (F.W.) ...	0 11 8
" 15	Layshaft Bush & K.S. Axle, A.J.S. and 19f Models R.5, R.12 (B.W.) and Dunelt 'T' (B.W.) ...	0 11 8
" 15	Layshaft Bush and K.S. Axle, 1 1/8" and 19g extended, Matchless Model A. (B.S.) ...	0 11 8
" 26a	Kick Starter Return Spring for 1 1/8" extended Axle, Matchless Model A. (B.S.) A.J.S. Models R.5. and R.12 (B.W.) Dunelt Model 'T' (B.W.) in addition to those shown on page 14 ...	0 1 0
" 26b	Kick Starter Return Spring, 7/8" extension, Scott (F.W.) ...	0 1 0
" 26d	Kick Starter Return Spring for 2 1/4" extended Axle (A.J.S. Models R.4, 6, 8, 9 and 2 for L.S. Boxes)	0 1 0
" 28	Kick Starter Stop Piece, Matchless Model A. (B.S.) A.J.S. Models R.5 and R.12 (B.W.) and Dunelt 'T' (B.W.) ...	0 0 4
" 29c	Kick Starter Crank, 1 1/8" offset for 1930 Boxes, A.J.S. Models R.5 and R.12 (B.W.) Matchless Model A. (B.S.) Matchless R.4 (F.W.) Dunelt Model 'T' (B.W.) Ivy (F.W.) Chater Lea (F.W.) Phelon & Moore (F.W.) Montgomery (B.S. and F.W.) Royal Ruby (B.S.) (also see page 14)....	0 11 0
" 29e	Kick Starter Crank, 2" offset, Sun. (F.W.) in addition to those shown on page 14 ...	0 11 0
" 29j	Kick Starter Crank, 1 1/8" offset, Matchless Model R.6 only (F.W.)	0 11 0
" 32	Forked Change Gear Lever, Matchless Model A. (B.S.) ...	0 4 8
" 33	Gear Indexing Plunger Bush, Matchless Model A. (B.S.) Dunelt Model 'T' (B.W.)...	0 1 0
42	Rockingshaft Lever to be deleted	
" 42a	Rockingshaft Lever, Straight, Coventry Eagle (B.S.) Royal Ruby (B.S.) Matchless Model A. (B.S.) ...	0 3 0
" 42b	Rockingshaft Lever, Bent, Montgomery (B.S.) ...	0 3 0
" 42c	Rockingshaft Lever, Bent, (also used on Raleigh Model M.G.30)...	0 3 0
" 45b	Gear Control Rod, 9 1/2" long, Royal Ruby (B.S.) ...	0 1 0
" 57	Clutch Adjuster Nut (Two Plate D.E. Solid and Two Plate Shock Absorber Clutches) ...	0 0 8
" 57a	Clutch Adjuster Nut, Single Plate Shock Absorber Clutch only ...	0 0 8
" 58	Paper Washer for Gear Box Cover (B.S. and F.W.), correct price ...	0 0 2
" 60a	Oil Retaining Washer, Special lubricating device Matchless Model 'A' (B.S.) ...	0 0 1
" 63b	Kick Starter Axle Distance Sleeve for 1 1/8" extended Axle, Matchless Model A. (B.S.) ...	0 0 3
" 66b	Clutch Sprocket, 50T. 7/16" x 1/2" Matchless Model A. (B.S.) ...	0 18 0
" 67b	Clutch Friction Plate, Perodo Plugs, Matchless Model A. (B.S.)	0 8 0

Symbol No.	Description.	Price.
		£ s. d.
B.S. 71	Forked Change Lever Bush, Matchless Model A. (B.S.) ...	0 0 4
" 72	Forked Change Gear Lever Stud, Matchless Model A. (B.S.) ...	0 0 8
" 73	Oil Retaining Rubber Sleeve, (Fits over C.S.69B.) Special lubricating device Matchless Model A. (B.S.)	0 0 2
" 75	Gate Tank Control Lever, Raleigh Models M.J.30 and M.O.30 ...	0 8 0
" 76	Gear Control Rod, Raleigh Models M.J.30 and M.O.30 ...	0 1 0

F.W. AND B.W. GEAR PARTS.
(except where otherwise indicated).

Symbol No.	Description.	Price.
		£ s. d.
B.S. 101b	Gearbox Shell, 7/16" Studs, 3" Chain Line, Matchless Models R.4 and R.6 (F.W.) in addition to those shown on page 15 ...	1 5 0
" 101d	Gearbox Shell (Speedo Drive on base), Matchless Models R.4 and R.6 (F.W.) in addition to those shown on page 15 ...	1 5 0
" 102a	Gearbox Cover with Gear Control Indicator extension. New Hudson (F.W.) Sun (F.W.) in addition to those shown on page 15 ...	0 16 0
" 102c	Gearbox Cover, Matchless Models R.4 and R.6 (F.W.) in addition to those shown on page 15 ...	0 16 0
" 109a	Main Axle Bronze Bush ...	0 2 0
" 110b	Washer for B.S.110c ...	0 0 6
" 110c	Main Axle Adjuster Screw with head ...	0 0 3
" 117a	Gearbox Fixing Stud, Ivy (F.W.) Sun (F.W.) ...	0 0 5
" 120a	Clutch Centre, grooved to take Split Ring B.S.159 for F.W. Ball Bearing Clutch ...	0 8 8
" 130b	Clutch Sprocket Bearing Ring, with 3" Chain Line for F.W. Single Plate Ball Bearing Clutch	0 3 6
" 130c	Clutch Sprocket Bearing Ring with 2-15/32" Chain Line for F.W. Single Plate Ball Bearing Clutch	0 3 6
" 134a	Control Plunger Spring, Matchless Models R.4 and R.6 (F.W.) in addition to those shown on page 15 ...	0 0 4
" 135	Gear Control Gate (Tank Tube Gate Control) Ivy (F.W.) Matchless Model A. (B.S.) Matchless Models R.4 and R.6 (F.W.) Phelon & Moore (F.W.) ...	0 5 0
" 136b	Gear Control Lever with Knob, Matchless Model A (B.S.) ...	0 6 0
" 137	Short Control Lever on Cover 2 1/4" centres. New Hudson (F.W.) in addition to those shown on page 15 ...	0 2 8
" 137a	Short Control Lever on Cover, 2-11/16" centres, Ivy (F.W.) Matchless Models R.4 and R.6 (F.W.) Dunelt Model 'T' (B.W.) Scott Model 2 (F.W.) in addition to those shown on page 16 ...	0 2 8

**PRICE LIST OF SPARE PARTS FOR STURMEY ARCHER
COUNTERSHAFT GEARS.**

Symbol No.	Description.	Price. £ s. d.	Symbol No.	Description.	Price. £ s. d.
B.S. 140	Clutch Front Plate, dished, for F.W. Single Plate Ball Bearing Clutch (used for Front Plate with 2-15/32" Standard Chain Line and for front and Back Plate on Matchless Model R.6 (F.W.) with 3" Chain Line ...	0 2 3	B.S. 208	Gear Control Spindle Lever Bolt (B.W. Box) ...	0 0 9
.. 141	Clutch Back Plate, flat, for F.W. Ball Bearing Clutch with standard 2-15/32" Chain Line ...	0 2 3	.. 209	Forked Change Lever Stud (B.W. Box) ...	0 0 6
.. 151c	Clutch Rod, 7" long (B.W. Box) ...	0 0 9	.. 209a	Forked Change Lever Stud, Dunelt Model 'T' (B.W.)... ..	0 0 6
.. 159	Clutch Centre Split Ring, Ball Bearing F.W. Clutch ...	0 0 2	.. 210	Forked Change Lever Pin (B.W.) ...	0 0 4
.. 180c	Gearbox Shell, Sun (F.W.) Phelon & Moore (F.W.) ...	1 5 0	.. 211	Ball for Control Joint (B.W.) ...	0 0 2
.. 180e	Gearbox Shell with Speedo Facing, New Hudson (F.W.) ...	1 5 0	.. 212	Gear Indexing Plunger (B.W. Box) ...	0 0 3
.. 183	Gear Control Bracket, Scott Model 1 (F.W.) ...	0 5 0	.. 212a	Gear Indexing Plunger, Matchless Model A; (B.S.) Dunelt Model 'T' (B.W.) ...	0 0 3
.. 184	Gearbox Stud, 1/2" out of box, Scott (F.W.) ...	0 0 5	.. 215	Main Gear Wheel Ball Bearing (B.W. Box) ...	0 6 0
.. 185	Gearbox Shell, Scott (F.W.) in addition to Chater Lea shown on page 16 ...	1 5 0	.. 216	L.H. Distance Washer (B.W. Box) ...	0 0 1
.. 186	Gearbox Cover, Chater Lea (F.W.) Scott (F.W.) ...	0 16 0	.. 217	Gearbox Cover Stud (B.W. Box) and A.J.S. Models R.4, 6, 8, 9 and 2 (L.S.) ...	0 0 3
.. 187	Quadrant Cover Plate, Scott (F.W.) in addition to Chater Lea (F.W.) shown on page 16 ...	0 0 3	.. 218	Axle Sprocket Adjusting Washer (B.W. Box) ...	0 0 1
.. 190	Gear Control Gate, Scott (F.W.) in addition to those shown on page 16 ...	0 5 0	.. 219	Gear Control Spindle Washer (B.W. Box) ...	0 0 1
.. 190	Gear Control Gate, rivetted to Gate Back Plate M.S.521 for Raleigh Models M.J.30, M.O.30 (B.S.) ...	0 6 6	.. 221	Gear Control Lever (B.W. Sleeve Fixing Gate Tank Control) ...	0 4 0
.. 191b	Gate Control Lever, Scott (F.W.) Model 1 ...	0 6 0	.. 222	Gear Control Quadrant (B.W. Sleeve Fixing Gate Tank Control) ...	0 4 0
.. 191c	Gate Control Lever, Scott (F.W.) Model 2 ...	0 6 0	.. 223	Gear Control Bracket (B.W. Sleeve Fixing Gate Tank Control) ...	0 3 6
.. 193	Fulcrum Stud, Coventry Eagle Model 4 (L.S. New Lightweight Box) ...	0 0 10	.. 224	Gear Control Fulcrum Stud (B.W. Sleeve Fixing Gate Tank Control) ...	0 0 9
.. 194	Gear Control Bracket, Phelon & Moore (F.W.) ...	0 5 0	.. 230	Gearbox Shell, A.J.S. Models R.5 and R.12 (B.W. Box) ...	1 5 0
.. 196	Gear Control Lever, Phelon & Moore (F.W.) ...	0 6 0	.. 231	Gearbox Fixing Stud (B.W. Box) and A.J.S. Model R.7 (L.W.) ...	0 0 5
.. 197	Gear Control Rod, Phelon & Moore (F.W.) ...	0 1 0			
.. 198	Gear Control Rod Connection, Phelon & Moore (F.W.) ...	0 0 10			
.. 199	Short Gear Lever, 2 1/2" centres, Ivy (F.W.) Phelon & Moore (F.W.) ...	0 2 6			
.. 201a	Gearbox Shell, Dunelt Model 'T' (B.W. Box) ...	1 5 0			
.. 202a	Gearbox Cover, Dunelt Model 'T' (B.W. Box) ...	0 16 0			
.. 202c	Gearbox Cover, A.J.S. Models R.5 and R.12 (B.W. Box) ...	0 16 0			
.. 203	Main Axle (B.W.) ...	0 11 0			
.. 203a	Main Axle, Dunelt Model 'T' (B.W. Box) ...	0 11 0			
.. 204	Forked Change Lever (B.W.) ...	0 4 6			
.. 204a	Forked Change Lever, to suit Close Ratio Pinions, Dunelt Model 'T' (B.W.) ...	0 4 6			
.. 205	Gear Control Spindle (B.W. Box) ...	0 2 0			
.. 206	Gear Control Spindle Arm (B.W. Box) ...	0 1 3			
.. 207	Short Gear Lever (B.W. Box) ...	0 2 6			
.. 207a	Short Gear Lever, A.J.S. Models R.5 and R.12 (B.W.) ...	0 2 6			

SPECIFICATION FOR GEARBOXES FITTED TO 1930 MODELS.

Make of Machine.	Box and Cover.	Clutch and Axle Sprocket.	K.S. Axle and Crank.	Gear Control.
RIEL 1930	H.W. L.S.250a L.S.251a	3 Plate Multi Spring Shock Absorber (all cork) 44T. $\frac{1}{2}$ " x 5/16" L.S.258, 20T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170q.	1 $\frac{1}{2}$ " extended special cotter slot L.S.253 and 1 $\frac{1}{2}$ " offset L.S.254	Own make.
J.S. Models R5 and R12	B.W. B.S.230 B.S.202c	2 Plate Single Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16" L.S.86, 18T. $\frac{1}{2}$ " x 5/16" T.S.44j.	1 $\frac{1}{2}$ " extended B.S.19f and 1 $\frac{1}{2}$ " offset B.S.29c	Own Make.
J.S. Models R.4 and R.6	L.S. L.S.385 L.S.386	2 Plate Multi Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16", L.S.187a, 20T. $\frac{1}{2}$ " x 5/16", L.S.31.	2 $\frac{1}{2}$ " extended L.S.394 and $\frac{1}{2}$ " offset C.S.37k.	Own make.
J.S. Model R.9	H.W. L.S.384 L.S.386	2 Plate Multi Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16", L.S.187a, 18T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170n.	2 $\frac{1}{2}$ " extended L.S.394 $\frac{1}{2}$ " offset C.S.37k.	Own make.
J.S. Model R.8	H.W. L.S.384 L.S.386	3 Plate Multi Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16" L.S.188B, 18T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170n.	2 $\frac{1}{2}$ " extended L.S.394 $\frac{1}{2}$ " offset C.S.37k.	Own make.
J.S. Model R.2	H.W. L.S.383 L.S.386a	3 Plate Multi Spring Shock Absorber (all cork) 34T. $\frac{1}{2}$ " x $\frac{1}{2}$ ", L.S.188, 18T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170n.	2 $\frac{1}{2}$ " extended L.S.394, 6-5/16" centres, L.S.58d curved without offset.	Own make.
J.S. Model R.7	L.W. L.S.382 L.S.386b	2 Plate Multi Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16", L.S.188B, 21T. $\frac{1}{2}$ " x 5/16" L.S.31m.	2 $\frac{1}{2}$ " L.S.394, 6-5/16" centres, curved without offset L.S.58d.	Own make.
J.S. Model R.10	H.W. L.S.383 L.S.386b	3 Plate Multi Spring Shock Absorber (all cork) 42T. $\frac{1}{2}$ " x 5/16", L.S.188b, 20T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170r.	2 $\frac{1}{2}$ " extended L.S.394, 6-5/16" centres, curved without offset L.S.58d.	Own make.
CHATER LEA	H.W. L.S.1q L.S.2c	Same as in 1929 (see yellow booklet).		
CHATER LEA	L.W. L.S.1q L.S.2c	Same as in 1929 (see yellow booklet).		
CHATER LEA	F.W. B.S.185 B.S.186	Same as in 1929 (see yellow booklet).		
CHATER LEA	C.S. C.S.2b C.S.3	3 Plate C.S. type Clutch (all ferodo) 30T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.53 17T. $\frac{1}{2}$ " x $\frac{1}{2}$ ", C.S.65a.	C.S.36a, and 6 $\frac{1}{2}$ " centres, 1 $\frac{1}{2}$ " offset L.S.247.	Disc Control on Down Tube.
COVENTRY EAGLE Model 4 (1930)	L.S. Horizontal L.S.309 L.S.199	2 Plate Single Spring Shock Absorber (1 cork, 1 ferodo) 42T. L.S.86, $\frac{1}{2}$ " x 5/16", 19T., C.S.170p. $\frac{1}{2}$ " x $\frac{1}{2}$ ".	2" extended L.S.11m and 1-15/16" offset, L.S.254b.	Special Tank Gate Control.
COVENTRY EAGLE 'Flying 8'	H.W. L.S.1p L.S.2e	4 Plate Single Spring Shock Absorber (3 Ferodo, 1 cork, 34T., L.S.73a and 19T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170p.	2" extended L.S.11m., 1 $\frac{1}{2}$ " offset, L.S.254a.	Gate Control fitted to Saddle Down Tube.

SPECIFICATIONS FOR GEARBOXES FITTED TO 1930 MODELS.

Make of Machine.	Box and Cover.	Clutch and Axle Sprocket.	K.S. Axle and Crank.	Gear Control.
DUNELT Model 'K'	F.W. B.S.101c B.S.102	Same as in 1929 (see yellow booklet).		
DUNELT Model 'S'	L.S. Horizontal L.S.312 L.S.199	3 Plate Single Spring Shock Absorber (3 Ferodo), 34T. $\frac{1}{2}$ " x $\frac{1}{2}$ " L.S.73a, 17T. $\frac{1}{2}$ " x $\frac{1}{2}$ ", C.S.65a.	3 $\frac{1}{2}$ " extended L.S.11n and 1 $\frac{1}{2}$ " offset, L.S.247.	Special Gate Tank Control. Coupling Piece made by Dunford & Elliott (S.) Ltd., Bath St., Birmingham
DUNELT Model 'M'	L.S. Horizontal L.S.312 L.S.199	2 Plate Single Spring Shock Absorber (1 cork, 1 Ferodo) 42T., L.S.86 and 20T., $\frac{1}{2}$ " x 5/16" L.S.31.	3 $\frac{1}{2}$ " extended L.S.11n and 1 $\frac{1}{2}$ " offset L.S.247.	Tanl: Tube Gate Control Coupling Piece made by Dunford & Elliott (S) Ltd., Bath St., Birmingham.
DUNELT Model 'T'	B.W. B.S.201a B.S.202a	2 Plate D.E. Clutch (cork) 42T., $\frac{1}{2}$ " x 5/16", B.S.66a 18T., $\frac{1}{2}$ " x 5/16" T.S.44j.	1 $\frac{1}{2}$ " extended B.S.19f, 1 $\frac{1}{2}$ " offset B.S.29c.	Special Gate Tank Control. Fixed on to Tank by Screws or Rivets by makers of machine.
ENFIELD Model D.30.	L.S. L.S.280a L.S.2p	This Clutch is made by Enfield Cycle Co., Ltd., Redditch, 17T. $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.65a.	1 $\frac{1}{2}$ " extended L.S.11h 1 $\frac{1}{2}$ " offset L.S.254.	Made by Enfield Cycle Co., Ltd., Redditch.
ENFIELD Models E.30, J.30, F.30, G.30, H.30	L.S. L.S.280a L.S.2p	These Clutches are made by Enfield Cycle Co., Ltd., Redditch, Models E.30, J.30 H.30, have 18T., $\frac{1}{2}$ " x $\frac{1}{2}$ " C.S.170n. Models F30 and G.30, have 20T., $\frac{1}{2}$ " x 5/16" L.S.31.	2 $\frac{1}{2}$ " extended L.S.394, 1 $\frac{1}{2}$ " offset, L.S.254.	Made by Enfield Cycle Co., Ltd., Redditch.
IVY	F.W. B.S.101a B.S.102	D.E. 2 Plate Clutch (1 cork, 1 Ferodo) 42T., $\frac{1}{2}$ " x 3/16", B.S.66, 20T., $\frac{1}{2}$ " x 5/16" T.S.44b.	$\frac{1}{2}$ " extended, B.S.19c 1 $\frac{1}{2}$ " offset B.S.29c.	Special Tank Gate Control with half Bracket L.S.103 Remainder of the Bracket is supplied by S. A. Newman Ltd., Birmingham.
MATCHLESS Model 'A'	B.S. B.S.1e B.S.2j	D.E. 2 Plate Clutch (1 cork, 1 Ferodo). 50T., 7/16" x $\frac{1}{2}$ " B.S.66b, 17T. $\frac{1}{2}$ " x 5/16"	1 $\frac{1}{2}$ " extended B.S.19g, 1 $\frac{1}{2}$ " offset B.S.29c.	Gate Tank Tube Control Bracket made by Matchless Motor Cycles (Colliers), Ltd., London, S.E.18.
MATCHLESS Models R.4, and R.6	F.W. B.S.101d B.S.102c B.S.101d B.S.102c	R.4 Model. Single Plate Ball Bearing (cork) 40T., $\frac{1}{2}$ " x 3/16" T.S.35e, 20T., $\frac{1}{2}$ " x 3/16" T.S.44. Model R.6. D.E. 2 Plate Clutch (cork). 42T., $\frac{1}{2}$ " x 3/16" B.S.66, 20T., $\frac{1}{2}$ " x 3/16", T.S.44.	R.4 Model. B.S.19 std., 1 $\frac{1}{2}$ " offset B.S.29c. R.6 Model. 1 $\frac{1}{2}$ " extended B.S.19a, 1 $\frac{1}{2}$ " offset, B.S.29j.	Tank Tube Gate Control (Bracket Made by matchless Motor Cycles Ltd., London, S.E.18.)
MATCHLESS Models T.5.T.8./2	L.W. (N.L.) L.S.311a L.S.2h	2 Plate Single Spring Shock Absorber (all Ferodo) and special friction device with four extra rubbers. 42T., L.S.86 and 20T., L.S.301. $\frac{1}{2}$ " x 5/16".	1 $\frac{1}{2}$ " extended L.S.11h, 5 $\frac{1}{2}$ " centres, $\frac{1}{2}$ " offset, L.S.254a.	Tank Tube Gate Control. (Bracket and Bell Crank made by Matchless Motor Cycles Ltd., London, S.E.18.)

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SPECIFICATIONS FOR GEARBOXES FITTED TO 1930 MODELS.

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Make of Machine.	Box and Cover.	Clutch and Axle Sprocket.	K.S. Axle and Crank.	Gear Control.
MATCHLESS Models V.3 and V.6.	H.W. L.S.1u L.S.2e	3 Plate Single Spring Shock Absorber (2 Ferodo, 1 cork) special friction device, with four extra rubbers, 42T. $\frac{1}{2}$ " x $\frac{5}{16}$ " L.S.73c, 15T., $\frac{1}{2}$ " x $\frac{1}{4}$ " C.S.65c.	1 $\frac{1}{2}$ " extended L.S.11h, curved 1 $\frac{1}{2}$ " offset L.S.254a.	Tank Tube Gate Control (Bracket and Bell Crank made by Matchless Motor Cycles Ltd., London, S.E.18.)
MATCHLESS Models X. and XR..	H.W. L.S.1u L.S.2e	4 Plate Multi Spring Shock Absorber (all Ferodo) and special friction device with 4 extra rubbers, 42T., L.S. 73c, $\frac{1}{2}$ " x $\frac{5}{16}$ " and 17T., $\frac{1}{2}$ " x $\frac{1}{4}$ " C.S.65a.	1 $\frac{1}{2}$ " extended L.S.11h, 1 $\frac{1}{2}$ " offset L.S.254a.	Tank Tube Gate Control (Bracket made by Matchless Motor Cycles Ltd., London, S.E.18).
MONTGOMERY	H.W. L.S.1p L.S.2e	Same as in 1929 (see yellow booklet).		
MONTGOMERY	L.W. L.S.311a L.S.2e	Same as in 1929 (see yellow booklet).		
MONTGOMERY	F.W. B.S.101c B.S.102b	B.S. Single Plate Solid Clutch, 40T., $\frac{1}{2}$ " x $\frac{5}{16}$ ", T.S.35f, 20T., $\frac{1}{2}$ " x $\frac{5}{16}$ ", T.S.44b.	1 $\frac{1}{2}$ " offset, B.S.19a, 1 $\frac{1}{2}$ " offset B.S.29c.	Special Gate Tank Control. Bracket made by Montgomery.
MONTGOMERY	B.S. B.S.1d B.S.2h	Single and 2 Plate Shock Absorber Clutches, L.S.86, $\frac{1}{2}$ " x $\frac{5}{16}$ ", T.S.44b, 20T., $\frac{1}{2}$ " x $\frac{5}{16}$ ".	1 $\frac{1}{2}$ " offset, B.S.19a, 1 $\frac{1}{2}$ " offset B.S.29c.	Special Gate Tank Control. Bracket made by Montgomery.
NORTON Models 18, 19 20, 16h, Big 4.	C.S. C.S.2c C.S.206	3 Plate Single Spring (all Ferodo) 42T, $\frac{1}{2}$ " x $\frac{5}{16}$ ", L.S.47d, 17T., $\frac{1}{2}$ " x $\frac{1}{4}$ ". L.S.221.	C.S.204, and 1 $\frac{1}{2}$ " offset, L.S.254.	Disc on special Bracket on Box.
NORTON Models 18, 19 and 20 Racing	C.S. C.S.123 C.S.124	4 Plate Single Spring Solid (all Ferodo), 42T., C.S.164g, 17T., $\frac{1}{2}$ " x $\frac{1}{4}$ ". L.S.221.	1 $\frac{1}{2}$ " extended C.S.204a, 1 $\frac{1}{2}$ " offset L.S.254.	Disc on special Bracket on Box.
NORTON Model C.J.J.E.	L.W. (N.L.) L.S.230b L.S.231 (disc control) L.S.231d Gate Control	3 Plate Solid Single Spring (all Ferodo), 42T., L.S.47d, $\frac{1}{2}$ " x $\frac{5}{16}$ " and 17T., L.S.221 $\frac{1}{2}$ " x $\frac{1}{4}$ ".	$\frac{1}{2}$ " extended, L.S.11j or 2 $\frac{1}{2}$ " extended L.S.394 and 1 $\frac{1}{2}$ " offset L.S. 254.	Special Gate Tank or Disc Control on Cover.
NORTON Models C.8.1 and E.8.2.	H.W. L.S.230a L.S.231 (disc control) L.S.231d (Gate Control)	4 Plate, all Ferodo solid Single Spring, 42T., C.S.164g, $\frac{1}{2}$ " x $\frac{5}{16}$ " and 19T., $\frac{1}{2}$ " x $\frac{1}{4}$ " L.S.221a.	$\frac{1}{2}$ " extended L.S.11j or 2 $\frac{1}{2}$ " extended L.S.394, and 1 $\frac{1}{2}$ " offset L.S.254.	Special Gate Tank or Disc Control on Cover.
NEW HUDSON Models M198 and M198s.	L.S. L.S.365 L.S.199	2 Plate Solid Clutch (1 cork, 1 Ferodo), 42T., $\frac{1}{2}$ " x $\frac{5}{16}$ " L.S.219, 16T., $\frac{1}{2}$ " x $\frac{1}{4}$ ". C.S.65d.	2" extended L.S.11p, and $\frac{1}{2}$ " offset C.S.37k.	Own make.
NEW HUDSON Models M199 and M199s, M.200 and M.200s.	F.W. B.S.180e B.S.102a	B.S. Single Plate Clutch, 40T. $\frac{1}{2}$ " x $\frac{3}{16}$ ", T.S.35c on Models M.199 and M.199s, D.E. 2 Plate Clutch with 42T., $\frac{1}{2}$ " x $\frac{3}{16}$ " B.S.66 on Models M.200 and M.200s., T.S.4, 20T., $\frac{1}{2}$ " x $\frac{3}{16}$ " fitted to all Models.	$\frac{1}{2}$ " extended B.S.19c, and Standard B.S.118 Crank.	Own make.

SPECIFICATIONS FOR GEARBOXES FITTED TO 1930 MODELS.

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Make of Machine.	Box and Cover.	Clutch and Axle Sprocket.	K.S. Axle and Crank.	Gear Control.
PHELON & MOORE.	L.S. Horizontal L.S.240c L.S.199a	3 Plate Solid Single Spring (1 cork, 2 Ferodo), 42T., L.S.47d, $\frac{1}{4}$ " x $5/16$ ", 18T., $\frac{1}{4}$ " x $\frac{1}{4}$ ", C.S.170n.	2 $\frac{1}{2}$ " extended L.S.394a, and $\frac{1}{4}$ " offset, C.S.37k.	Tank Tub Gate Control with special Bracket.
PHELON & MOORE.	F.W. B.S.180d B.S.102a for 147 and 172 c.c. B.S.180c. B.S.102a for 250 c.c.	F.W. Single Plate Ball Bearing Cork, 40T., T.S.35e and 18T. T.S.44f, $\frac{1}{4}$ " x $3/16$ ".	2" extended, B.S.19c, with 1 $\frac{1}{2}$ " offset B.S.29c.	Standard Control with lever on box to Models 147 c.c. and 172 c.c. Special Gate Control for 250 c.c. Model.
RALEIGH Models M.A.30 and M.H.30	H.W. L.S.200c L.S.199 Horizontal	3 Plate Multi Spring Shock Absorber (all Ferodo), 34T., $\frac{1}{4}$ " x $\frac{1}{4}$ ", L.S.188, 17T., $\frac{1}{4}$ " x $\frac{1}{4}$ " C.S.170h.	1 $\frac{1}{2}$ " extended L.S.11L, and 1 $\frac{1}{2}$ " offset L.S.254.	Special Gate Tank Control less Bracket.
RALEIGH Model M.T.30	L.W. L.S.200c L.S.199 Horizontal	2 Plate Multi Spring Shock Absorber (1 cork, 1 Ferodo) 42T., $\frac{1}{4}$ " x $5/16$ ", L.S.187a, 17T., $\frac{1}{4}$ " x $\frac{1}{4}$ ". C.S.170h.	1 $\frac{1}{2}$ " extended L.S.11L, and 1 $\frac{1}{2}$ " offset L.S.254.	Special Gate Tank Control less Bracket.
RALEIGH Models M.O.30 and M.J.30	B.S. B.S.1d B.S.2h	Single Plate Shock Absorber (all cork) 42T., $\frac{1}{4}$ " x $3/16$ ", L.S.86a, 20T., $\frac{1}{4}$ " x $3/16$ ".	1 $\frac{1}{2}$ " extended B.S.19a, and $\frac{1}{4}$ " offset curved Crank, B.S.29f.	Special Gate Tank Control less Bracket.
RALEIGH Model M.G.30.	B.S. B.S.1d B.S.2g	Single Plate B.S. Clutch, cork, 40T., $\frac{1}{4}$ " x $3/16$ ", T.S. 35e, 20T., $\frac{1}{4}$ " x $3/16$ " T.S.44.	$\frac{1}{2}$ " extended B.S.19c, and $\frac{1}{4}$ " offset curved Crank B.S.29f.	Disc on Cover Special Lever C.S.83d.
RALEIGH	F.W. B.S.101b B.S.102b	Single Plate Ball Bearing, cork, 40T., $\frac{1}{4}$ " x $3/16$ ", T.S.35e, 18T., $\frac{1}{4}$ " x $3/16$ ", T.S.44f.	$\frac{1}{2}$ " extended B.S.19c and standard B.S.118.	Standard Control with Lever on Cover.
ROYAL RUBY.	B.S. B.S.1d B.S.2h	2 Plate Shock Absorber Single Spring. (Cork and Ferodo) 42T., L.S.86 and 20T., T.S. 44b, $\frac{1}{4}$ " x $5/16$ ".	$\frac{1}{2}$ " extended B.S.19c, $\frac{1}{4}$ " offset B.S.29f.	Gate Tank Control similar to Norton type. Bracket supplied by makers of machine.
SCOTT Model 1.	F.W. B.S.185 B.S.186	B.S. Single Plate Solid, cork, 40T., $\frac{1}{4}$ " x $5/16$ ", T.S.35e, 20T., $\frac{1}{4}$ " x $5/16$ ", T.S.44b.	$\frac{1}{2}$ " extended B.S.19c and B.S. 118.	Special Gate Tank Control with half gear Control Bracket B.S.183. The remainder of the Bracket is supplied by makers of machine.
SCOTT Model 2.	F.W. B.S.185 B.S.186	2 Plate D.E. Clutch (cork), 42T., $\frac{1}{4}$ " x $5/16$ ", B.S.66a, 18T., $\frac{1}{4}$ " x $5/16$ ", T.S.44j.	$\frac{1}{2}$ " extended B.S.19c, and B.S.118.	Special Gate Tank Control with spindle Bracket L.S.286 (the tube into which this spindle fits, and the other fixing arrangements are made by the makers of the machine.)
SUN	F.W. B.S.180c B.S.102a	B.S. Single Plate Shock Absorber (cork), 42T., $\frac{1}{4}$ " x $3/16$ " L.S.86a and 20T., $\frac{1}{4}$ " x $3/16$ " T.S.44.	Short K.S. Axle B.S.19, and 2" offset B.S.29c.	Standard Control with Lever on Cover.