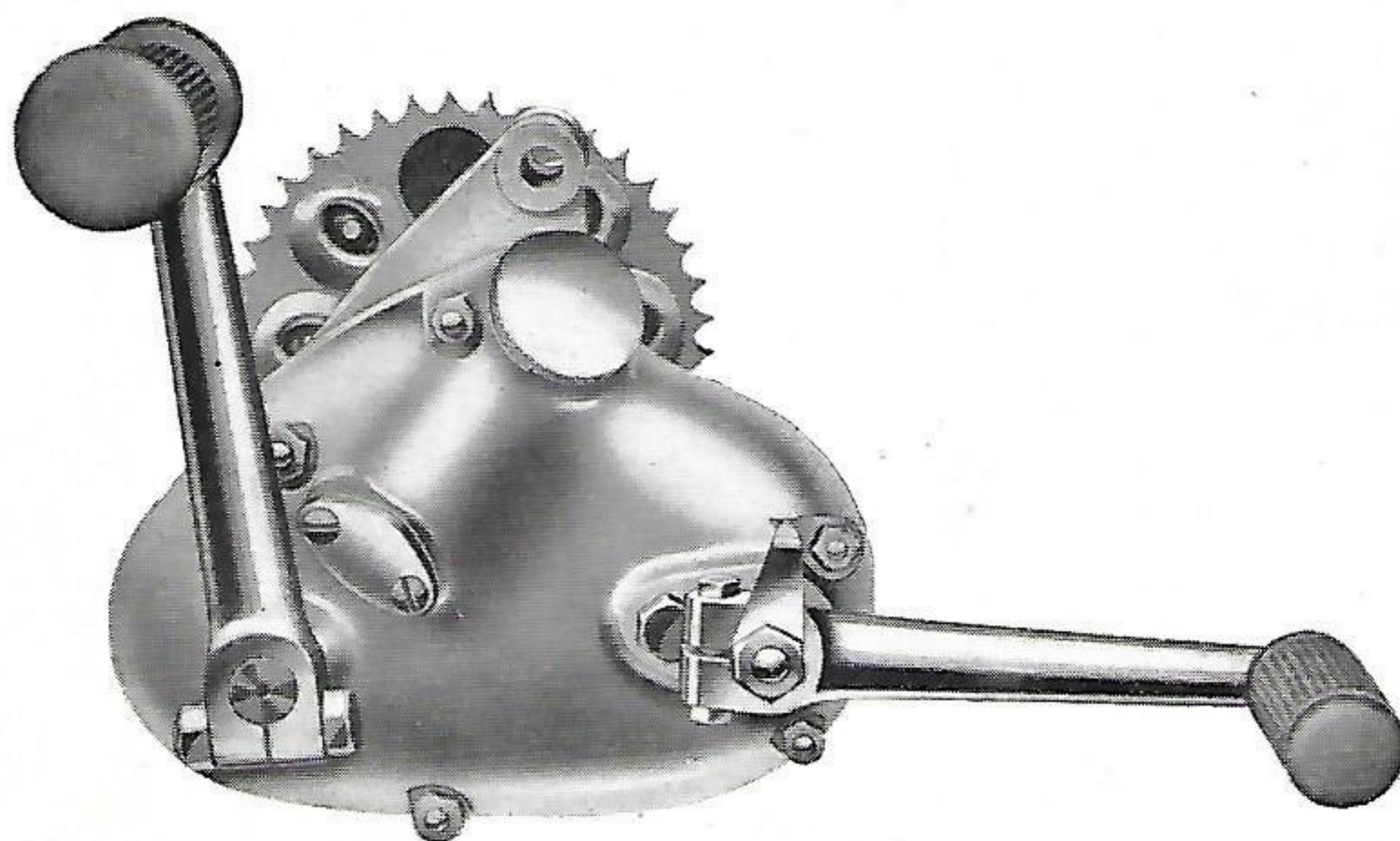


Plus 50% 22/11/52

Price List of
SPARE PARTS
FOR
BURMAN
GEAR BOXES
MODELS "C" "CU" and "CP"



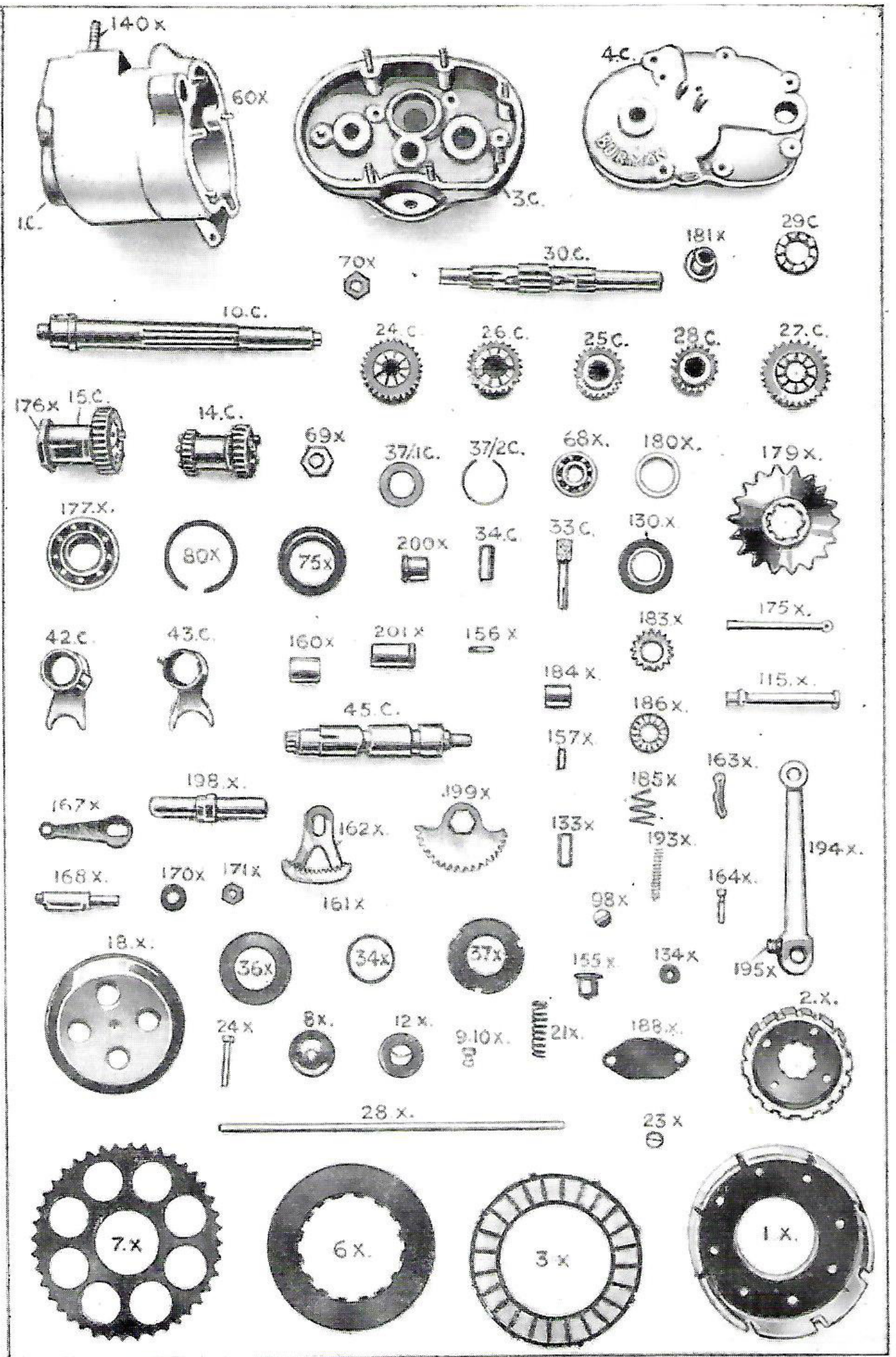
Burman & Sons Limited

**WYCHALL LANE
KINGS NORTON**

BIRMINGHAM, 30

Telephone:
Kings Norton
3201 (6 lines)

Telegrams:
"Burmanth,
Birmingham"



When Ordering Spares, state Name and Type of Machine also Letter and Number of Gear Box, and if possible, send parts as pattern.

Part No.	Mark No.	NAME OF PART	Price £ s. d.
1C		Gear Box Shell, 2-stud (Cotton)	1 8 0
1CU		Gear Box Shell, Inverted (Martin)	1 8 0
1CP	2	Gear Box Shell, pivotal (O.E.C.)	1 8 0
1CP	3	Gear Box Shell, pivotal (Calthorpe)	1 8 0
1CP	4	Gear Box Shell, pivotal (Ariel)	1 8 0
1CP	5	Gear Box Shell, pivotal (Levis)	1 8 0
1CP	6	Gear Box Shell, pivotal (Matchless & Sunbeam) ...	1 8 0
1CP	7	Gear Box Shell, pivotal (Matchless 1936-7)	1 8 0
1CP	8	Gear Box Shell, pivotal (Sunbeam 1936-7)	1 8 0
1CP	9	Gear Box Shell, pivotal (Various) en. cl. op....	1 8 0
1CP	10	Gear Box Shell, pivotal (Levis 1938) en. cl. op....	1 8 0
1CP	11	Gear Box Shell, pivotal (Matchless 1938) en. cl. op....	1 8 0
1CP	12	Gear Box Shell, pivotal (Sunbeam 1938) en. cl. op....	1 8 0
1CP	13	Gear Box Shell, pivotal (O.K. Supreme 1937/8) ...	1 8 0
1CP	14	Gear Box Shell, pivotal (Ariel) 600 sq. four, 1939 ...	1 8 0
1CP	15	Gear Box Shell, pivotal (Sunbeam 1939) en. cl. op....	1 8 0
2/1C		Gear Box Joint Washer	1
60X	1	Gear Box Stud	6
63X		Gear Box Stud Nut	2
60 X	6	Gear Box Stud $1\frac{1}{16}$ " x $\frac{5}{16}$ "	6
60X	7	Gear Box Stud $3\frac{3}{16}$ " x $\frac{5}{16}$ "	6
152X		Gear Box Stud Nut $\frac{5}{16}$ "	3
3C	3	Kickstarter Case Hand Change 1932/3/4	15 0
3C	4	Kickstarter Case Foot Change old pattern 1932/3/4	15 0
3C	5	Kickstarter Case Enclosed Foot Change 1935/6/7/8/9	15 0
3C	6	Kickstarter Case Hand Change 1935/6/7/8/9 ...	15 0
3C	7	Kickstarter Case Foot Change Enclosed Clutch Operation 1933/9	15 0
62X		Kickstarter Case Stud $1\frac{1}{16}$ " x $\frac{1}{4}$ "	6
286X		Kickstarter Case Stud $2\frac{1}{4}$ " x $\frac{1}{4}$ "	6
4/2BA		Kickstarter Case Stud $1\frac{7}{8}$ " x $\frac{5}{16}$ "	6
4C	4	K/S Case Cover, External Foot Change 1932/3 ...	15 0
4C	5	K/S Case Cover, Enclosed Foot Change old pattern Clutch Lever 1932/3/4	15 0
4C	6	K/S Case Cover, Enclosed Foot Change stirrup pattern 1935/6/7/8/9	15 0
4C	7	K/S Case Cover, Hand Change Stirrup pattern ...	15 0
4C	8	K/S Case Cover, Enclosed Foot Change en. cl. op. 1938/9	15 0
4C	9	K/S Case Cover, Enclosed Foot Change 1939 (Ariel)	15 0
326X		K/S Case Cover Filler Cap	2 0
4/1C		K/S Case Cover, Joint Washer (Hand Change only)	1
174X		K/S Case Cover Locating Piece	1 0
175X	1	Clutch Lever (Stamping) 1931/2/3/4	2 0
175X	2	Clutch Lever Stirrup pattern 1935/6/7/8/9 ...	3 0
175X	4	Clutch Lever en. cl. op. 1938/9 pattern	2 0
66X	2	Clutch Lever Pin (Stamping pattern 1931/2/3/4) ...	9
66X	3	Clutch Lever Pin (Stirrup pattern)	9
66X	7	Clutch Lever Pin en. cl. op. 1938/9 pattern ...	9
63X		Clutch Lever Pin nut (stamping pattern) 1931/2/3/4	2
67X		Clutch Lever Ball	1
292X		Clutch Lever Boss Bush, Stirrup pattern	6
293X		Clutch Adjusting Screw, Stirrup pattern	6
294X		Clutch Operating Sleeve, Stirrup pattern	1 6
295X		Clutch Lever Pin Washer, Stirrup pattern	3
328X		Clutch Lever Adj. Sleeve Cap	1 6
333X		Clutch Lever Adj. Sleeve Cap Screw	4
334X		Clutch Adj. Sleeve Washer	1
329X		Clutch Lever Fork	1 6
330X		Clutch Operating Plunger	6
331X		Clutch Lever Adj. Sleeve	6

Part No.	Mark No.	NAME OF PART	Price		
			£	s.	d.
10C	1	Mainshaft standard	1	5	6
10C	2	Mainshaft (Levis)	1	5	6
10C	3	Mainshaft (Cotton)	1	5	6
10C	4	Mainshaft (Ariel 1932/3/4)	1	5	6
10C	5	Mainshaft (Matchless 1933/4)	1	5	6
10C	6	Mainshaft Internal Dogs (Ariel 1935)	1	5	6
10C	7	Mainshaft Internal Dogs Matchless)	1	5	6
10C	8	Mainshaft Internal Dogs (Sunbeam)	1	5	6
10C	9	Mainshaft Internal Dogs (Matchless & Levis)	1	5	6
10C	10	Mainshaft Internal Dogs (Various)	1	5	6
10C	11	Mainshaft Internal Dogs (Matchless)	1	5	6
10C	12	Mainshaft Internal Dogs (Matchless)	1	5	6
10C	13	Mainshaft Internal Dogs (Ariel 1936/7/8/9)	1	5	6
10C	14	Mainshaft Internal Dogs (O.K. Supreme) en. cl. op.	1	5	6
10C	15	Mainshaft Internal Dogs (Matchless) en. cl. op.	1	5	6
69X		Mainshaft Nut Clutch End			6
70X		Mainshaft Nut K/S End			4
14C	1	Mainshaft Sliding Gear Dog type 26-19	1	10	0
14C	2	Mainshaft Sliding Gear Dog type Close Ratio 25-22	1	10	0
14C	4	Mainshaft Sliding Gear Internal Dog 23-18	1	10	0
14C	5	Mainshaft Sliding Gear Internal Dog special low 21-18	1	10	0
15C	1	Driving Gear Dog type standard 31T (Cotton)	1	12	0
15C	2	Driving Gear Dog type Balloon 31T (Ariel)	1	12	0
15C	3	Driving Gear Dog type Semi Balloon 31T (Levis)	1	12	0
15C	4	Driving Gear Dog type standard 30T Close Ratio	1	12	0
15C	5	Driving Gear Dog type Balloon 30T Close Ratio	1	12	0
15C	6	Driving Gear Internal Dog Balloon 30T (Ariel) 1935/9	1	12	0
15C	7	Driving Gear Internal Dog 30T (Matchless)	1	12	0
15C	8	Driving Gear Internal Dog Balloon 31T (O.K Supreme)	1	12	0
15C	9	Driving Gear Internal Dog 30T (Matchless)	1	12	0
15C	10	Driving Gear Internal Dog Balloon 32T low ratio	1	12	0
15C	11	Driving Gear Internal Dog Balloon 31T (Matchless)	1	12	0
15C	12	Driving Gear Internal Dog Balloon 32T special	1	12	0
187X	3	Driving Gear Bush, 2 Sections		4	0
176X		Driving Gear Nut		1	9
177X		Driving Gear Bearing	15	0	
178X		Driving Gear Washer			4
75X		Bearing Dust Cover			6
80X		Bearing Retaining Ring			4
112C		Driving Gear Bearing Gland Felt Washer			6
113C		Driving Gear Bearing Locating Split Ring			6
114C		Driving Gear Bearing Gland Washer (Outer)			3
115C		Driving Gear Bearing Gland Washer (Inner)			4
179X	1	Driving Sprocket $\frac{1}{2}$ " x .305" 21T.	15	0	
179X	2	Driving Sprocket $\frac{1}{2}$ " x $\frac{3}{8}$ " 18T.	15	0	
179X	3	Driving Sprocket $\frac{1}{2}$ " x .305" 19T.	15	0	
179X	4	Driving Sprocket $\frac{1}{2}$ " x .305" 23T.	15	0	
179X	5	Driving Sprocket $\frac{1}{2}$ " x .305" 22T.	15	0	
179X	6	Driving Sprocket $\frac{1}{2}$ " x .305" 20T.	15	0	
179X	7	Driving Sprocket $\frac{1}{2}$ " x $\frac{3}{8}$ " 16T.	15	0	
179X	8	Driving Sprocket $\frac{1}{2}$ " x $\frac{1}{4}$ " 18T.	15	0	
179X	9	Driving Sprocket $\frac{1}{2}$ " x .305" 18T.	15	0	
180X	1	Sprocket Spacing Collar, standard	1	0	
180X	3	Sprocket Spacing Collar, balloon	1	0	
180X	5	Sprocket Spacing Collar, Matchless 1935/6	1	0	
180X	8	Sprocket Spacing Collar, Matchless 1938	1	0	
180X	9	Sprocket Spacing Collar, Sunbeam 1938	1	0	
180X	10	Sprocket Spacing Collar, Matchless 1939	1	0	
24C	1	Third Gear Mainshaft Dog type 28T.	12	6	
24C	3	Third Gear Mainshaft Internal Dog 27T.	12	6	
25C	1	Third Gear Layshaft Dog type 22T.	10	0	

Part No.	Mark No.	NAME OF PART	Price		
			£	s.	d.
25C	3	Third Gear Layshaft Internal Dog 23T.	10	0	
26C	1	Second Gear Layshaft Dog type 24T.	12	6	
26C	2	Second Gear Layshaft Dog type 25T. close ratio	12	6	
26C	5	Second Gear Layshaft Internal Dog 27T.	12	6	
27C	1	First Gear Layshaft Dog type 31T.	12	6	
27C	2	First Gear Layshaft Dog type 28T. close ratio	12	6	
27C	5	First Gear Layshaft Internal Dog 32T.	12	6	
28C	1	Layshaft Small Gears 19T.	10	0	
28C	2	Layshaft Small Gears 20T. close ratio	10	0	
28C	3	Layshaft Small Gears Internal Dog 20T. full cut gear	10	0	
28C	4	Layshaft Small Gears Internal Dog 20T. full cut gear with oil hole	10	0	
28C	5	Layshaft Small Gear Internal Dog 19T. full cut gear	10	0	
28C	6	Layshaft Small Internal Dog 18T. full cut gear	10	0	
29C	1	Layshaft Sliding Clutch Dog type	10	0	
29C	3	Layshaft Sliding Clutch Internal Dog	10	0	
30C	1	Layshaft Spindle Dog type Non speedo	1	0	0
30C	3	Layshaft Spindle Dog type Speedo 1610 r.p.m.	1	3	0
30C	4	Layshaft Spindle Dog type Speedo 2240 r.p.m. Ariel	1	3	0
30C	5	Layshaft Spindle Dog type Speedo 1610 r.p.m. Matchless	1	3	0
30C	6	Layshaft Spindle Internal Dog speedo 2240 r.p.m. ...	1	3	0
30C	7	Layshaft Spindle Internal Dog non speedo T.T. patt.	1	0	0
30C	8	Layshaft Spindle Internal Dog speedo 1610 r.p.m. Matchless	1	3	0
30C	9	Layshaft Spindle Internal Dog non speedo standard	1	0	0
30C	10	Layshaft Spindle Internal Dog speedo 1610 special...	1	3	0
181X		Layshaft Spindle Bush	4	0	
87X		Layshaft Bearing Glut	1		
182X		Layshaft Cover Washer	2		
33C	1	Speedo Spindle 1610 r.p.m. (O. E. C.)	6	0	
33C	2	Speedo Spindle 2240 r.p.m. (Ariel)	6	0	
33C	3	Speedo Spindle 1610 r.p.m. (Matchless)	6	0	
33C	4	Speedo Spindle 1610 r.p.m. special	6	0	
34C		Speedo Spindle Bush	2	0	
112X		Speedo Thrust Button	6		
155X		Speedo Thrust Plug	1	0	
156X		Speedo Cotter Pin	1		
68X		Mainshaft Bearing	12	6	
37/1C	1	Mainshaft Bearing Washer	6		
37/1C	2	Mainshaft Bearing Washer en. cl. op.	6		
37/2C		Mainshaft Bearing Retaining Ring	4		
183X		Ratchet Pinion	8	0	
184X		Ratchet Pinion Bush	2	6	
185X		Ratchet Pinion Spring	9		
186X		Driving Ratchet	5	9	
42C		Operating Fork (Mainshaft)	8	0	
43C		Operating Fork (Layshaft)	8	0	
157X		Operating Peg	6		
158X		Operating Peg Cotter	1		
45C	2	Camshaft	1	5	0
159X		Camshaft Bush (Gear Box Shell)	2	0	
160X		Camshaft Bush (K/S Case)	2	0	
192X		Camshaft Rollers 12 to set	2	0	
161X	1	Gear Sector complete	7	6	
162X	1				
163X	2	Pawl	2	0	
164X		Pawl Bearing	1	3	
193X	1	Pawl Spring extra strong Footchange type	9		
193X	2	Pawl Spring medium Handchange	9		
95X		Pawl Bearing Nut	3		

Part No.	Mark No.	NAME OF PART	Price £ s. d.
96X		Pawl Bearing Washer	1
93X		Pawl Spring Plug	1 0
167X	2	Outer Lever (Ariel)	4 0
167X	3	Outer Lever (Various)	4 0
167X	4	Outer Lever (Levis)	4 0
167X	8	Outer Lever (Matchless) old pattern	4 0
167X	9	Outer Lever (Matchless) new pattern	4 0
168X		Control Spindle	7 6
169X		Control Spindle Bush	2 6
170X		Control Spindle Washer	1
171X		Control Spindle Nut	2
140X		Frame Stud	1 0
143X		Frame Stud Nut	9
146X		Frame Stud Nut Washer	3
188X		Inspection Cover	1 0
138X		Inspection Cover Stud	6
206X		Driving Gear Packing Washer	4
213X		Speedo Plug	1 6
209X		Speedo Protection Tube	6
245X	1	Grease Nipple (Straight type)	2
245X	2	Grease Nipple (Angle type)	3
KICKSTARTER PARTS ALL GEAR BOXES			
194X	2	K/S Lever (Cottered type Ariel)	7 6
194X	4	K/S Lever (Folding old pattern)	10 6
194X	5	K/S Lever (Cottered type Matchless)	7 6
194X	9	K/S Lever (Cotter type Matchless)	7 6
194X	12	K/S Lever (Cotter type (Sunbeam)	7 6
194X	13	K/S Lever (Splined Folding P. & M.)	10 6
194X	14	K/S Lever (Splined Ariel)	10 6
194X	19	K/S Lever (Splined Sunbeam)	10 6
194X	26	K/S Lever (Splined Matchless)	10 6
194X	27	K/S Lever (Splined Folding Sunbeam)	10 6
194X	28	K/S Lever (Splined Sunbeam)	10 6
115X	1	K/S Lever Pedal	3 0
115X	2	K/S Lever Pedal (folding)	4 6
214X		Folding Pedal Washer	3
103X		Folding Pedal Nut	6
195X		Kickstarter Cotter Pin	6
196X		Kickstarter Cotter Pin Nut	
197X		Kickstarter Cotter Pin Washer	
315X		Kickstarter Pinch Bolt	9
144X		Kickstarter Pinch Bolt Nut	6
109X		Kickstarter Pinch Bolt Washer	1
198X	2	Kickstarter Spindle	7 6
198X	3	Kickstarter Spindle	7 6
198X	4	Kickstarter Spindle en. cl. op.	7 6
199X	1	Kickstarter Quadrant	10 6
130X		Kickstarter Spring	2 0
202X		Kickstarter Stop Peg	6
134X		Kickstarter Stop Peg Rubber	3
134X	}	Kickstarter Stop Peg Rubber complete with metal	6
320X		band	
200X	1	Kickstarter Spindle Bush (Outer) Cotter type	2 0
200X	2	Kickstarter Spindle Bush (Outer) Splined type	2 0
200X	3	Kickstarter Spindle Bush (Outer) Splined Type en. cl. op.	2 0
201X		Kickstarter Spindle Bush (Inner) Cotter and splined type	2 0
201X	2	Kickstarter Spindle Bush (Inner) en. cl. op.	2 0

Part No.	Mark No.	NAME OF PART	Price £ s. d.
CLUTCH PARTS ALL GEARBOXES			
1X	7	Clutch Case 3 plate	12 0
2X	12	Clutch Centre 3 plate	1 0 0
3X	1	Cork Plate	4 6
3X	2	Fabric Plate	5 0
4X	1	Clutch Corks (per plate fitted)	1 0
4X	2	Clutch Inserts (Fabric, per plate)	1 6
5X		Plain Plate (Thin)	2 0
6X		Plain Plate (Thick)	2 0
7X	14	Chainwheel ($\frac{1}{2}$ " x .305T x 40T)	1 0 0
7X	19	Chainwheel ($\frac{5}{8}$ " x $\frac{3}{8}$ " x 33T)	1 0 0
7X	20	Chainwheel ($\frac{1}{2}$ " x .305 x 44T)	1 0 0
7X	28	Chainwheel ($\frac{1}{2}$ " x .305 x 40T) (Riveted Pattern)	1 0 0
7X	22	Chainwheel ($\frac{1}{2}$ " x .305 x 43T) (non S. A. type)	1 0 0
8X	4	Buffer Cover Plate	9
9X	2	Chainwheel Bolt and Nut per pair	3
10X			
12X	2	Buffer Rubber	2
18X	5	Spring Plate	9 0
18X	7	Spring Plate (Ariel)	9 0
19X	5	Spring Plate Adj. Screw	6
20X		Spring Plate Adj. Screw Nut	6
21X	2	Clutch Spring	4
21X	4	Clutch Spring (heavy for fabric)	6
21X	3	Clutch Spring (extra strong)	6
22X		Clutch Spring Cup	6
23X		Spring adj. Nut	4
24X	10	Spring Stud	4
28X		Clutch Operating Rod (state length when ordering)	1 0
34X	2	Roller Race	2 0
35X		Clutch Rollers (24 to set) per set	3 6
36X	2	Roller Race Washer	9
36X	3	Roller Race Washer (Thick)	9
ARIEL CLUTCH ONLY, 1936-7-8-9			
3X	3	Clutch Plate Cork	5 0
3X	4	Clutch Plate Ferodo	5 6
6X	3	Clutch Plain Plate	2 6
305X	1	Clutch Centre	19 0
306X	1	Clutch Case	13 0
306X	3	Clutch Case (with Steel Band)	13 0
307X		Chainwheel	1 0 0
308	1	Spring Stud	4
310X		Chainwheel Centre	6 0
311X		Thrust Washer	9
312X		Set Pin	3
313X		Lock Ring	3
314X		Spring Plate	7 6
316X		Roller Cage	1 9
316X	2	Roller Cage (Staggered Roller type)	1 9
317X		Needle Roller per set	1 6
318X		Thrust Washer	9
300X		Thrust Stud	4
ENCLOSED FOOT CHANGE ONLY			
Co.82	2	Control Lever Rubbers	9
Co.93		Control Lever Pedal (Cotton)	3 0
Co.92	2	Control Lever (Levis C., old pattern)	7 6

Part No.	Mark No.	NAME OF PART	Price £ s. d.
Co.92	3	Control Lever (Cotton)	7 6
Co.92	4	Control Lever (Standard pattern)	7 6
Co.92	6	Control Lever (Levis old pattern)	7 6
Co.92	7	Control Lever (O.K. Supreme & Levis)	7 6
Co.92	8	Control Lever (Sunbeam)	7 6
Co.92	10	Control Lever (Martini, Double Action)	10 6
Co.92	11	Control Lever (Universal)	7 6
Co.92	13	Control Lever (Ariel 1000 cc.)	7 6
Co.92	14	Control Lever (Matchless)	7 6
Co.38		Control Knob and Foot Rubber Pin	1
Co.51	6	Ratchet (new pattern)	3 6
Co.52	5	Pawl (new pattern)	1 6
Co.94		Ratchet Sleeve	7 6
Co.53	4	Control Quadrant	3 0
Co.49	5	Spring Box	5 0
Co.56	4	Spring Box Cover Plate	1 0
Co.66	1	Main Spring	6
Co.67	1	Pawl Spring	6
Co.59	1	Main Spring Plate	2
Co.58	1	Pawl Spring Plate	2
Co.62	1	Pawl Operating Peg	3
Co.60	1	Pawl Spindle	3
Co.96	1	Gear Sector Rivets $\frac{3}{16}$ "	1
Co.96	2	Ratchet Rivets $\frac{1}{4}$ "	1
Co.63	3	Control Lever Bolt	1 3
10X		Control Lever Bolt Nut	2
Co.97		Neutral Indicator Chrom. (Large) Movable	6
Co.97	1	Neutral Indicator (Small) Fixed	3
Co.90	1	Control Spindle	3 6
Co.90	2	Control Spindle	3 6
162X	2	Gear Sector Quadrant (Round Hole) non-indicator type	3 6
162X	3	Gear Sector Quadrants (Square Hole Assembly) } indicator type	7 6
161X	2	Gear Sector, Indicator type	
171X		Control Spindle Nut (Chrom.) $\frac{3}{8}$ ", 26 thread	3
287X		Sector Spindle Nut $\frac{3}{8}$ ", 26 thread	2
Co.54	7	Foot Change Cover Bush	5 0
Co.91		Sector Spindle Bush	1 0
Co.95		Foot Change Cover Bush Bolt	1 3

When Ordering Spares
state Name and Type of Machine,
also Letter and Number of Gear Box,
and, if possible,
send parts as patterns.

BURMAN GEARS

SPARES AND REPAIRS SERVICE

To ensure a quick and efficient spares service, it is essential that there should be no ambiguity or error when ordering spares. May we, therefore, ask your assistance by always giving as much information as possible, particularly in regard to the letters and numbers which will be found stamped on the aluminium casing just where the end cover joins the gear box shell on the kick-starter side. These letters and numbers are absolutely necessary to enable us to execute orders correctly.

Next it is important to give the correct part number according to the list on the preceding pages, and, whenever possible, it is advisable to return old parts as patterns, particularly when calling for gears. The fact that the sender's name and address should be put in the parcel containing the parts, and also on the letter containing the order or instructions to repair, seems obvious, but we get a number of cases where these important items have been omitted. In cases where we have no ledger account, it saves delay of a pro-forma invoice if a remittance sufficient to cover the cost of the parts and carriage is included, or goods can be sent C.O.D. on request.

All claims for free replacement must be accompanied by the alleged defective part, and our judgment must be accepted as final. After the expiration of 7 days from the despatch of notification of the company's decision the part or parts submitted may be scrapped.

It is our endeavour to despatch all orders for spares the same day as received, whilst repairs are completed with the least possible delay, Estimates for repairs are gladly submitted where required. We reserve the right to dispose of all repairs not claimed within three months from the date of estimate or completion.

Whenever we make alterations and improvements to our gear boxes, the new part is made interchangeable with the old part, and the latter allowed to become obsolete, thereby giving customers the benefit of the improvements.

To assist those riders who are not fully conversant with our gear boxes, we have compiled a booklet of instructions, which will be sent on request to anyone who has need of it, post free 6d.

If there is any point not covered in the foregoing remarks, please remember we are willing to answer any questions, and our experience is always at your service.

LUBRICATION

All Boxes are sent out filled with Grease, and should be replenished every 1,000 miles with approximately 2 or 3 ozs. of either **Wakefield's Castrolase Medium, Gargoyle Mobilgrease No. 2, Shell Motor Grease Soft, Price's Belmoline "D" or Esso Grease.** The Box should not be completely filled or grease will be forced out through the bearings. *We do not recommend the use of oil or heavy grease.*

Burman & Sons Ltd.

WYCHALL LANE
BIRMINGHAM, 30

Telephone: KINGS NORTON 3201 46 LINES
Telegrams: "BURMANTH, BIRMINGHAM"
