Part No.	Description	Plate No.	No. per Unit	Remarks
C.17686	GEARBOX COMPLETE		1	NOTE.—This Gearbox may be identified by the prefix letters "JL" and suffix letters "CR" to the Serial number stamped on the Gearbox.
C.9815	GEARBOX CASE	26- 1	1	
C.799 C.799	Plug, Oil I brain, at bottom of Case	26- 2 26- 2	1 1	
C.785	Plug, Oil Level, at side of Case Washer (Fibre) on Drain Plug	26- 3	2	
C.857	Plate, at rear end of Case, locking Counter and Reverse Shafts	26- 4	1	. · · ·
FS.205/7D	Screw, Set, securing Locking Plate	26- 5	1	
FG.105/X C.1845	Washer, Spring, on Setscrews Bearing, Ball, for Mainshaft (Hoff.MS.12½K)	26 6 26 7	1 1	
C.1855	Circlip, around Mainshaft Bearing	26- 8	1	
C.1838 C.1841	Bearing, Ball, for Constant Pinion Shaft (Hoff.340K)	26- 9 26-10	1	
C.1840	Collar, between Case and Circlip Circlip, on Bearing, behind Collar	26-10	1 1	
C.920	Washer (Fibre) in Casing, at front end of Countershaft	26–12	1	
C.1833	FRONT END COVER	26–13	1	
C.1834	Gasket, between Front End Cover and Case	26–14 26–15	1	
C.6738 C.359 FW.105/E C.837	Seal, Oil, In Front End Cover Screw, Set, securing Front End Cover to Case Washer (Copper) on Setscrews Wire, locking Setscrews	26–15 26–16 26–17	4 4 As req'd	
C.7671	REAR END COVER	26–18	1	
C.1866	Gasket, between Rear End Cover and Casing	26–19	1	
FS.105/9D	Screw. Set, securing Rear End Cover to Casing	26-20	7	
FG.105/X C.859	Washer, Spring, on Setscrews Seal, Oil, in Rear End Cover	26–21 26–22	7 1	
C.637	Sear, On, in real End Core.	20-22	•	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	26–23	1	
C.858	Bearing for Speedometer Driven Gear	26-24	1	
C.846 FG.105/X	Screw, locking Bearing in Rear End Cover Washer, Spring, on Screw	26-25 26-26	1	
	, -1 0,		•	

(CLOSE RATIO GROUND GEARS)

C.6878 TOP COVER CHANGE-SPEED FORKS, SELECTORS, ETC.)	Remarks	No. per Unit	Plate No.	Description	Part No.
C.6878 TOP COVER CHANGE-SPEED FORKS		1	_		6254
C.860 Gasket, between Top Cover and Gearbox Case 26-28 1 FB.105/15D Bolt, securing Top Cover 26-30 2 FB.105/15D Bolt, securing Top Cover 26-30 2 FB.105/12D Bolt, securing Top Cover 26-30 2 FB.105/12D Bolt, securing Top Cover 26-31 6 FG.105/X Washer, Spring, on Bolts 26-32 10 OD.105/6H Dowel, positioning Top Cover to Case 26-33 2 C.1319 Ball, engaging Striking Rods 26-34 3 C.1319 Ball, engaging Striking Rods 26-34 3 C.841 Spring, a top of Plungers 26-36 3 Spring, a top of Plungers 26-36 3 Spring, a top of Plungers 26-36 3 C.849 Screw, Grub, applying tension to Plunger for Reverse 26-38 1 C.871 Grub, applying tension to Plunger for Reverse 26-38 1 C.873 Wire, locking Grub Screws Striking Rod Wire, locking Grub Screws Plug, in from tend of Cover, sealing apertures for inser-3 3 C.873 Plug, in from tend of Cover, for Striking Rods 26-39 3 C.874 Screw, Grub, applying tension to Plunger for Reverse 26-38 1 Screw, Grub, applying tension to Plunger for Reverse 26-38 1 C.875 Plug, in from tend of Cover, for Striking Rods 26-39 3 C.876 Plug, in sea end of Cover 26-41 1 C.876 Plug, Core, on top of Cover 26-41 1 C.877 Plug, Core, on top of Cover 26-43 2 C.878 Plug, in side of Cover, for Insertion of Interlock Balls and Roller Plug, saling hole in Top Cover 16-46 1 C.7779 Plug, in side of Cover, for insertion of Interlock Balls and Roller Plug, saling hole in Top Cover 16-47 1 C.2877 Rod, Striking (1st/2nd Gears) 26-49 1 C.2778 Rod, Striking (1st/2nd Gears) 26-49 1 C.2779 Fork, Change-Speed (1st/2nd Gears) 26-50 1 C.77126 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.771274 Fork, Change-Speed (1st/2nd Gears) 26-52 1 C.77124 Fork, Change-Speed (1st/2nd Gears) 26-55 1 C.7910 Selector (2st-56 1 C.7910 Plunger in Reverse Gear) 26-55 1				(COMPRISING TOP COVER, CHANGE- SPEED LEVER, CHANGE-SPEED FORKS,	
Fig.105/15D		1	26–27	TOP COVER	C.6878
Fig.105/15D		1	26-28		C 860
FB.105/12D		2	26-29		
FG.105/X Washer, Spring, on Bolts 26-32 10					
D. Dowel, positioning Top Cover to Case 26-34 3 3 3 3 3 3 3 3 3					
C.13134 Plunger, engaging Striking Rods C.845 Spring, at top of Plungers C.849 Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods C.880 Screw, Grub, applying tension to Plunger for Reverse Striking Rod C.837 Wire, locking Grub Screws C.873 Plug, in front end of Cover, sealing apertures for insertion of Striking Rods C.929 Seal (Felt) in rear end of Cover, for Striking Rods C.930 Plate, covering Felt Seals FS.104/3D Screw, Set, securing Cover Plate C.315 Plug, Core, on top of Cover C.841 Breather, on top of Cover C.930 Washer, Spring, on Setscrews C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover C.2296/1 Washer, for Plug C.2296/1 Washer, for Plug C.2296/1 Fork, Change-Speed (1st/2nd Gears) C.7726 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7725 Selector (1st Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7725 Selector (1st Change-Speed (1st/2nd Gears) C.990 Selector (1st Change-Speed (1st Cand Gears) C.9910 Selector (1st Change-Speed (1st Cand Gears) C.9910 Selector (1st Change-Speed (1st Cand Gears) C.9910 Selector (1st Cand Gears) C.99110 Selector (1st Cand Gears) C.9911 Selector (1st Cand Gears) C.9911 Selector (1st Cand Gears) C.9911 Selector (1st Cand Gears) C.9912 Selector (1st Cand Gears) C.9913 Selector (1st Cand Gears) C.9914 Selector (1st Cand Gears) C.9915 Selector (1st Cand Gears) C.9916 Selector (1st Cand Gears) C.9917 Selector (1st Cand Gears) C.9918 Selector (1st Cand Gears		2	26-33		
C.845 Spring, at top of Plungers C.849 Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods C.884 Screw, Grub, applying tension to Plunger for Reverse Screw, Grub, applying tension to Plunger for Reverse Striking Rod C.837 Wire, locking Grub Screws C.837 Wire, locking Grub Screws Plug, in front end of Cover, sealing apertures for insertion of Striking Rods C.929 Seal (Felt) in rear end of Cover, for Striking Rods C.880 Plate, covering Felt Seals FS.104/3D Screw, Set, securing Cover Plate C.315 Plug, Core, on top of Cover C.315 Plug, Core, on top of Cover C.315 Plug, Core, on top of Cover C.321 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover C.227 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7390 Washer, for Plug C.2675 DIPSTICK ASSEMBLY C.2675 DIPSTICK ASSEMBLY C.2675 DIPSTICK ASSEMBLY C.7716 Fork, Change-Speed (1st/2nd Gears) C.7726 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7725 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7725 Selector (Reverse Gear) C.7910 Selector (Reverse Gear) C.1910 Selector (Reverse Gear) C.1910 Selector (Reverse Gear) Plug selector (26-55 1 C.1910 Plugre in Reverse Selector					
C.849 Screw, Grub, applying tension to Plungers for 1st/2nd 26–37 2 and 3rd/Top Striking Rods Screw, Grub, applying tension to Plunger for Reverse 26–38 1 C.837 Wire, locking Grub Screws C.873 Plug, in front end of Cover, sealing apertures for insertion of Striking Rods C.890 Plate, covering Felt Seals ES.104/3D Screw, Set, securing Cover Plate 26–40 3 ES.104/3D Screw, Set, securing Cover Plate 26–41 1 ES.104/3D Screw, Set, securing Cover Plate 26–43 2 C.815 Plug, Core, on top of Cover 26–44 1 C.841 Breather, on top of Cover 26–45 1 C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover 1 C.2296/1 Washer, for Plug 1 C.2675 DIPSTICK ASSEMBLY 26–47 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 26–49 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26–50 1 C.7725 Fork, Change-Speed (1st/2nd Gears) 26–51 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 26–52 1 C.7725 Selector (Reverse Gear) 26–55 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 26–52 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 26–55 1 C.1910 Selector (Reverse Gear) 26–55 1 C.1910 Selector (Reverse Gear) 26–55 1 C.1910 Selector (Reverse Selector 26–55 1					
C.884 Screw, Grub, applying tension to Plunger for Reverse 26-38 1 Striking Rod C.837 Wire, locking Grub Screws Plug, in front end of Cover, sealing apertures for insertion of Striking Rods C.929 Seal (felt) in rear end of Cover, for Striking Rods C.880 Plate, covering Felt Seals FS.104/3D Screw, Set, securing Cover Plate FS.104/3D Screw, Set, securing Cover Plate C.914 Washer, Spring, on Setscrews C.315 Plug, Core, on top of Cover C.841 Breather, on top of Cover C.841 Breather, on top of Cover C.930 Washer (fibre) for Breather C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover C.2296/1 Washer, for Plug C.22675 DIPSTICK ASSEMBLY C.907 Rod, Striking (1st/2nd Gears) C.7726 Fork, Change-Speed (1st/2nd Gears) C.7725 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.7725 Fork, Change-Speed (1st/2nd Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.905 Selector (3rd/Top Gears) C.907 Selector (3rd/Top Gears) C.908 Selector (3rd/Top Gears) C.7724 Fork, Change-Speed (1st/2nd Gears) C.909 Selector (3rd/Top Gears) C.909 Selector (3rd/Top Gears) C.909 Pluger in Reverse Selector C.909 Pluge				Screw, Grub, applying tension to Plungers for 1st/2nd	
C.837 Wire, locking Grub Screws Plug, in front end of Cover, sealing apertures for insertion of Striking Rods C.929 Seal (Felt) in rear end of Cover, for Striking Rods C.880 Plate, covering Felt Seals FS.104/3D Screw, Set, securing Cover Plate FS.104/4X Washer, Spring, on Setscrews C.315 Plug, Core, on top of Cover C.841 Breather, on top of Cover C.841 Breather, on top of Cover C.930 Washer (Fibre) for Breather C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover C.2296/1 Washer, for Plug C.2675 DIPSTICK ASSEMBLY C.907 Rod, Striking (1st/2nd Gears) C.877 Rod, Striking (3rd/Top Gears) C.7738 Rod, Striking (Reverse Gear) C.7726 Fork, Change-Speed (1st/2nd Gears) C.7725 Fork, Change-Speed (3rd/Top Gears) C.7725 Fork, Change-Speed (3rd/Top Gears) C.7725 Selector (3rd/Top Gears) C.907 Selector (3rd/Top Gears) C.907 Selector (3rd/Top Gears) C.7726 Fork, Change-Speed (1st/Con Gears) C.7725 Selector (3rd/Top Gears) C.907 Selector (Reverse Gear) C.908 Selector (3rd/Top Gears) C.9190 Plunger in Reverse Selector C.909 Selector (3rd/Top Gears) C.909 Selector (3rd/Top Gears) C.900 Selector (3rd/Top Gears) C.90		1	26–38	Screw, Grub, applying tension to Plunger for Reverse	C.884
C.929 Seal (Felt) in rear end of Cover, for Striking Rods 26-40 3 Plate, covering Felt Seals 26-41 1 FS.104/3D Screw, Set, securing Cover Plate 26-42 2 FG.104/X Washer, Spring, on Setscrews 26-43 2 C.315 Plug, Core, on top of Cover 26-44 1 C.841 Breather, on top of Cover 26-45 1 C.930 Washer (Fibre) for Breather 26-45 1 C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover 1 C.2296/1 Washer, for Plug 1 C.2296/1 Washer, for Plug 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 26-47 1 C.7736 Fork, Change-Speed (1st/2nd Gears) 26-49 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-50 1 C.7725 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (1st/2nd Gears) 26-52 1 C.7725 Selector (3rd/Top Gears) 26-53 1 C.905 Selector (3rd/Top Gears) 26-55 1 C.1910 Plunger in Reverse Selector 26-56 1			26-39	Wire, locking Grub Screws Plug, in front end of Cover, sealing apertures for inser-	
C.880 Plate, covering Felt Seals		4	26_40		C 929
FS.104/3D Screw, Set, securing Cover Plate 26-42 2					
C.315				Screw, Set, securing Cover Plate	
C.841 Breather, on top of Cover 26-45 1 C.930 Washer (Fibre) for Breather 26-46 1 C.927 Plug, in side of Cover, for insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover 1 C.2296/1 Washer, for Plug 1 C.2675 DIPSTICK ASSEMBLY 26-47 1 STRIKING GEAR C.907 Rod, Striking (3rd/Top Gears) 26-48 1 C.877 Rod, Striking (3rd/Top Gears) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 26-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1910 Plunger in Reverse Selector 26-56 1					
C.930 Washer (Fibre) for Breather 26-46 1 Plug, in side of Cover, for Insertion of Interlock Balls and Roller C.7379 Plug, sealing hole in Top Cover 1 C.2296/1 Washer, for Plug 1 C.2675 DIPSTICK ASSEMBLY 26-47 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 26-49 1 C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.7725 Rod, Striking (Reverse Gear) 26-50 1 C.77726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.77725 Fork, Change-Speed (3rd/Top Gears) 26-51 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1		i			
C.7379 Plug, sealing hole in Top Cover 1 C.2296/1 Washer, for Plug 1 C.2296/1 Washer, for Plug 1 C.2675 DIPSTICK ASSEMBLY 26-47 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 26-48 1 C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.7358 Rod, Striking (Reverse Gear) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1		1	26-46	Washer (Fibre) for Breather Plug, in side of Cover, for insertion of Interlock Balls	
STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 26-48 1 C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.77358 Rod, Striking (Reverse Gear) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26-51 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1				Plug, sealing hole in Top Cover	
C.907 Rod, Striking (1st/2nd Gears) 26-48 1 C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.7358 Rod, Striking (Reverse Gear) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1		. 1	26–47	DIPSTICK ASSEMBLY	C.2675
C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.7358 Rod, Striking (Reverse Gear) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1				STRIKING GEAR	
C.877 Rod, Striking (3rd/Top Gears) 26-49 1 C.7358 Rod, Striking (Reverse Gear) 26-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 26-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26-53 1 C.905 Selector (3rd/Top Gears) 26-54 1 C.1910 Selector (Reverse Gear) 26-55 1 C.1909 Plunger in Reverse Selector 26-56 1		1	26-48	Rod, Striking (1st/2nd Gears)	C.907
C.7726 Fork, Change-Speed (1st/2nd Gears) 26–51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 26–52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26–53 1 C.905 Selector (3rd/Top Gears) 26–54 1 C.1910 Selector (Reverse Gear) 26–55 1 C.1909 Plunger in Reverse Selector 26–56 1		1	26 -4 9	Rod, Striking (3rd/Top Gears)	C.877
C.7725 Fork, Change-Speed (3rd/Top Gears) 26–52 1 C.7724 Fork, Change-Speed (Reverse Gear) 26–53 1 C.995 Selector (3rd/Top Gears) 26–54 1 C.1910 Selector (Reverse Gear) 26–55 1 C.1909 Plunger in Reverse Selector 26–56 1					
C.7724 Fork, Change-Speed (Reverse Gear) 26–53 1 C.905 Selector (3rd/Top Gears) 26–54 1 C.1910 Selector (Reverse Gear) 26–55 1 C.1909 Plunger in Reverse Selector 26–56 1					
C.1910 Selector (Reverse Gear) 26–55 1 C.1909 Plunger in Reverse Selector 26–56 1				Fork, Change-Speed (Reverse Gear)	
C.1909 Plunger in Reverse Selector 26-56 1					
		1	26-57	Spring on Plunger	C.2022
L.103/7U Pin, Split, securing Plunger in Reverse Selector 26–58 1 C.922 Ball, locking Plunger in Reverse Selector 26–59 1					
C.900 Spring, under Ball 26-60 1		1	26-60		
C.914 Shim under Spring 26–61 1				Shim under Spring	C.914
AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 26-62 1 on Spring		7	20 -6 2		A5.102/4D
AN.102/L Nut, locking Setscrew when adjusted 26–63 1			26-63		AN.102/L
C.882 Stop Pin on 1st/2nd and 3rd/Top Striking Rods 26-64 2				Stop Pin on 1st/2nd and 3rd/Top Striking Rods	C.882
C.874 Roller, for Interlock, in 1st/2nd Striking Rod 26-65 1 C.923 Ball, for Interlock, in 3rd/Topand Reverse Striking Rods 26-66 2					
C.844 Screw, Set (Taper) securing Forks and Selector 26-67 5					
C.837 Wire, locking Taper Screws and Lock Pins As req'd		As req'd			

Part No.	Description	Plate No.	No. per Unit	Remarks
C.2 46 2	CHANGE-SPEED LEVER (CRANKED)		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319
.2291	Knob, for Change-Speed Lever		1	824001 to 824239 834001 to 835253
14218	CHANGE-SPEED LEVER (CRANKED)	26-68	1	Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs.
.16154	Knob, for Change-Speed Lever	26-69	1	824240 and subs. 835254 and subs.
.1928 .1915	Nut, locking Knob to Change-Speed Lever Bearing, Flexible, housing Change-Speed Lever in Sel-	26–70 26–71	· 1	•
.1919	ector Lever Washer at top of Flexible Bearing	26-72	1	
1904 1918	Washer at bottom of Flexible Bearing Lever, Selector, housing Change-Speed Lever	26–73	1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239
.14217	Lever, Selector, housing Change-Speed Lever	26–74	1	834001 to 835253 Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs.
N.405/L	Nut, Slotted, securing Change-Speed Lever in Selector	26–75	1	835254 and subs.
103/8U	Lever Pin, Split, securing Slotted Nut	26-76	1	
14470	Jaw, Pivot, for Selector Lever	26-77	1	
1907	Bush for Pivot Jaw	26-78	1	
1894 494 <i>4</i>	Washer, Thrust, on Pivot Jaw	26–79 25–80	2 1	
.1914 .1 9 05	Washer, Locking, on Pivot Jaw Washer, Spring, on Pivot Jaw	26-81	4	
N.407/L	Nut, Slotted, securing Pivot Jaw to Top Cover	26-82	i	
.103/8U	Pin, Split, securing Slotted Nut		1	
.1912	Pin, Pivot, securing Selector Lever in Pivot Jaw	26-83	1	•
1906	Bush, in Selector Lever, for Pivot Pin	26-84	1	
1908 1929	Washer, Thrust, at each side of boss on Selector Lever Washer, Spring, between Thrust Washer and Pivot Jaw		2 1	
N.407/L .103/8U	Nut, Slotted, securing Pivot Pin Pin, Split, securing Slotted Nut	20-00	1 1	
C.8 8 5	FLANGE, ON MAINSHAFT, FOR	27- 1	1	
	UNIVERSAL JOINT			
C.840	Nut, Slotted, securing Flange to Mainshaft	27- 2	1	
.925	Washer, Plain, under Slotted Nut	27- 3	1	
.104/12U	Pin, Split, securing Slotted Nut	27– 4	1	

Part No.	Description	Plate No.	No. per Unit	Remarks
C.4994	MAINSHAFT	27- 5	1	
C.910	Gear, Speedometer Driving	27- 6	1	
C.909	Distance Piece behind Speedometer Driving Gear	27- 7	1	
C.7480	Sleeve, Synchronising Assembly, 2nd speed	27- 8 27- 9	1	•
C.900 C.922	Spring, in 2nd and 3rd/Top Synchro Sleeves Ball, in 2nd and 3rd/Top Synchro Sleeves at top of Springs and Plungers	27-10	12 15	
C.901	Plunger in 2nd and 3rd/Top Synchro Sleeves (.490" long)	27-11	3	SELECTIVE SIZES. Choose the Plunger
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	27–11	3	of the desired length.
C.901/2	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long)	27–11	3	J
C.2040	Gear, 1st Speed	27–12	1	
C.4125	Gear, 2nd Speed	27–13 27–14	1	
C.4123 C.1850	Gear Assembly, 3rd Speed Roller, Needle, in 2nd and 3rd Speed Gears	27-15	82	
C.1849	Plunger in Mainshaft, locking 2nd and 3rd Speed Gears	27-16	2	
C.1324	Spring, under Plungers	27-17	2	
C.2678/1	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	27–18	2]
C.2678/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	27–18	2	SELECTIVE SIZES. Choose the Washer of the desired thickness.
C.2678/3	Washer, Thrust, front and rear of 2nd and 3rd Speed	27–18	2	
C.4122	Gears (.475"/.476" thick) Sleeve, Synchronising 3rd/Top Speeds	27-19	1)
C.4049	Sleeve, Operating 3rd/Top Speeds	27-20	i	
C.903	Shim for Synchro Sleeve (.006" thick)	27-21	As reg'd	
C.914	Shim for Synchro Sleeve (.028" thick)	27-21	As req'd	
C.9252 C.1843 C.2121 C.1838/1	CONSTANT PINION ASSEMBLY Bearing, Roller, inside Shaft Thrower, Oil Circlip, retaining Ball Bearing on Constant Pinion Shaft	27–22 27–23 27–24 27–25 27–26	1 1 1 1	
C.2109 C.2110 C.2111	Washer for Constant Pinion Shim for Constant Pinion Shim for Constant Pinion	27–27 27–28	1 As req'd As req'd	
C.2044/2	REVERSE GEAR ASSEMBLY	27–29	1	
C.2070 C.1893	Spindle for Reverse Gear Lever, operating Reverse Gear Pin, Fulcrum, for Operating Lever	27-30 27-31 27-32 27-33	1 1 1	

Part No.	Description	Plate No.	No. per Unit	Remarks
C.1856	COUNTERSHAFT	27–38	1	
C.2041	Gear, 1st Speed (on Counter)	27-39	1	
C.1864	Ring, Retaining, at rear of Needle Rollers	27-40	2	
C.918	Roller, Needle, inside each end of Countershaft	27-41	58	
C.1861	Washer, Thrust, Inner Assembly, at rear end of Counter adjacent to Needle Rollers	27-42	1	
C.1862	Washer, Thrust, Outer, at rear of Counter (.156" thick)	27-43	1	1
C.1862/1	Washer, Thrust, Outer, at rear of Counter (.159" thick)	27-43	i	
C.1862/2	Washer, Thrust, Outer, at rear of Counter (.162" thick)	27-43	i	SELECTIVE SIZES. Choose Washer of
C.1862/3	Washer, Thrust, Outer, at rear of Counter (.152" thick)	27-43	<u>i</u>	desired thickness.
C.1862/4	Washer, Thrust, Outer, at rear of Counter (.164" thick)	27-43	1	addit da cintennoss.
C.2043	Ring, Retaining, at outer end of Front Needle Rollers	27-44	1	,
C.8835	Washer, Thrust, Inner, at front end of Counter	27-45	i	
C.1859	Washer, Thrust, Outer Assembly, at end of Counter	27-46	i	
C.5826	Constant Wheel	27-47	i	
C.2046	Gear, 3rd Speed, on Countershaft	27-48	i	
C.2047	Gear, 2nd Speed, on Countershaft	27-49	i	
C.2048	Ring, Split, locating Constant Wheel	27-50	2 halves	
C.2072	Circlip, positioning 3rd Speed Gear and Constant Wheel	27-51	1	
C.4285	Ring, Sealing, on Countershaft	27-52	i	

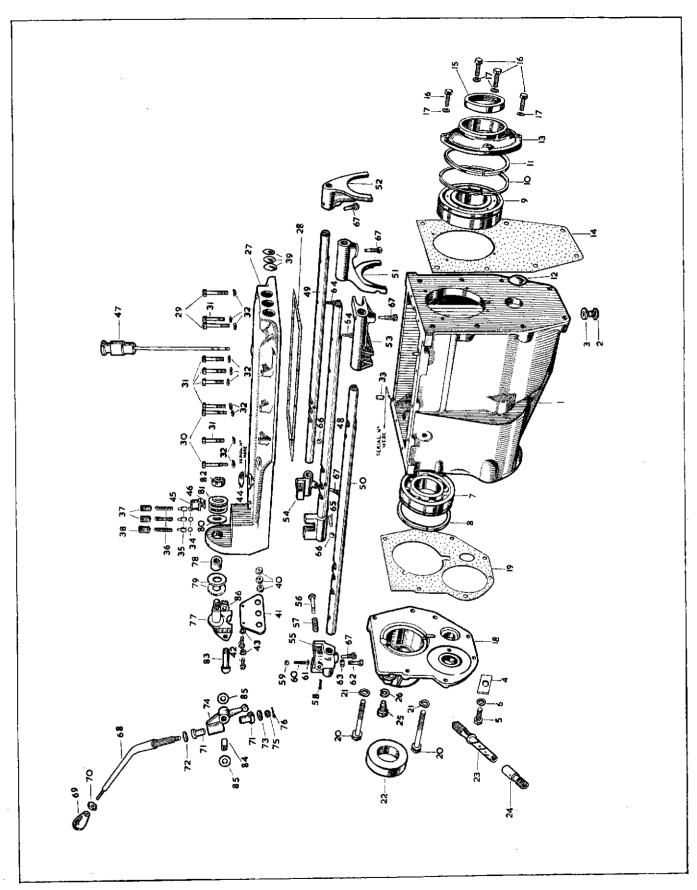


PLATE 26

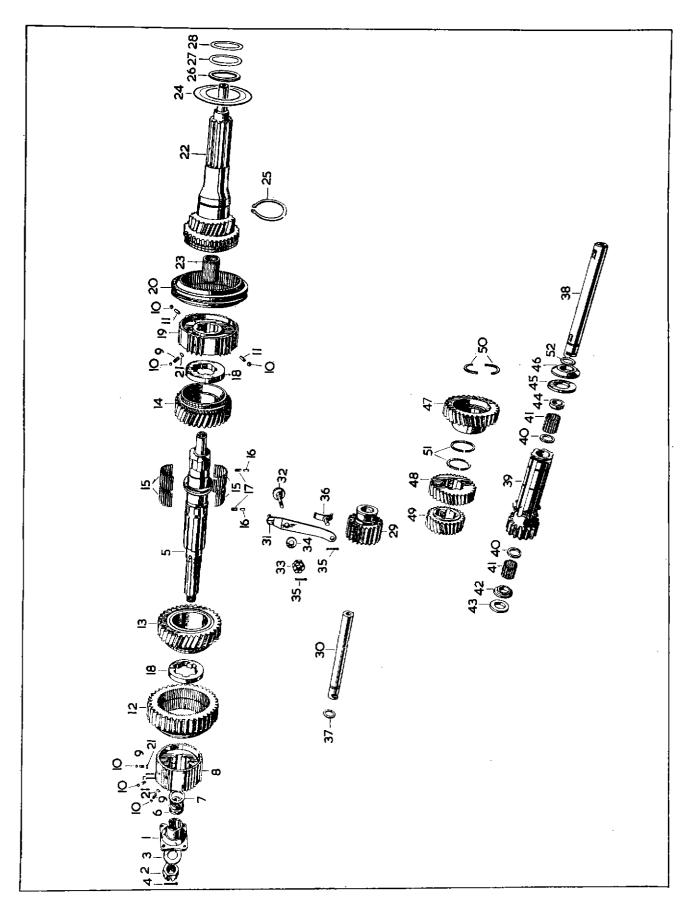


PLATE 27

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.10905	GEARBOX ASSEMBLY		1	NOTE.—This Gearbox may be identified by the prefix letters "JL" and suffix letters "JS" to the Serial number stamped on the Gearbox.
C.9815	GEARBOX CASE	28 1	1	
C.799 C.799 C.785	Plug, Oil Drain, at bottom of Casing Plug, Oil Level, at side of Casing Washer (Fibre) on Drain Plugs	28- 2 28- 2 28- 3	1 1 2	
C.857 FS.205/7D FG.105/X C.1845 C.1855 C.1838 C.1841 C.1840 C.920	Plate, on casing, locking Counter and Reverse Shafts Screw, Set, securing Locking Plate Washer, Spring, on Setscrew Ball Bearing, for Mainshaft (Hoff.MS.12½K) Circlip, securing Mainshaft Bearing Ball Bearing, for Constant Pinion Shaft (Hoff.340K) Collar, between Casing and Circlip Circlip, on Ball Bearing, behind Collar Washer (Fibre) in Casing, at front end of Countershaft	28 4 28 5 28 6 28 7 28 8 28 9 28-10 28-11 28-12	1 1 1 1 1 1 1 1 1 1 1 1	
C.11931	FRONT END COVER	28–13	1	
C.1834 C.11934 C.359 FW.105/E C.837	Gasket, between Front Cover and Casing Seal, Oil, in Front Cover Screw, Set, securing Front End Cover to Casing Washer (Copper) on Setscrews Wire, locking Setscrews	28–14 28–15 28–16 28–17	1 1 4 4 As req'd	
C.7671	REAR END COVER	28–18	1	
C.1866 FS.105/9D FG.105/X C.859	Gasket, between Rear End Cover and Casing Screw, Set, securing Rear Cover to Casing Washer, Spring, on Setscrews Seal, Oil, in Rear End Cover	28–19 28–20 28–21 28–22	1 7 7 1	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	28–23	1	
C.858 C.846 FG.105/X	Bearing for Speedometer Driven Gear Screw , locking Bearing in Cover Washer , Spring, on Locking Screw	28–24 28–25 28–26	1 1 1	
6254	GEARBOX REMOTE CONTROL ASSEMBLY (SD 1030)		1	
	(COMPRISING TOP COVER, CHANGE- SPEED LEVER, CHANGE-SPEED FORKS, SELECTORS, ETC.)			

(SHAVED GEARS)

Part No. Description Piate No. Per No.						
C.880	art No.	Description			Remarks	
Case Casket, between Top Cover and Gearbox Case 28-28 1	. / 079	TOD COVER	29_27	1		
### 151/1515 Bolt; securing Top Cover B1-05/1610 Bolt; securing Top Cover B1-05/1720 Bolt; securing Top Cover Case B1-32 10 CD-105/6H Dowel, positioning Top Cover to Case B1-32 10 Dowel, positioning Striking Rods B1-1-33 1 Dowel, positioning Striking Rods B1-1-33 1 Dowel, positioning Striking Rods B1-1-34 1 Dowel, positioning Striking Rods B1-1-34 1 Dowel, positioning Striking Rods B1-1-34 1 Dowel, positioning Top Cover B1-1-34 1 Dowel, positioning Top Cover B1-1-34 1 Dowel, positioning Top Cover B1-1-34 1 Dowel, positioning Striking Rods B1-1-34 1 Dowel, positioning Top Cover B1-1-34 1 Dowel, position Top Cover B1-1-34 1 Dowel, position Top Cover B1-1-34 1 Dowel	,,08/5	TOP COVER				
FB.105/IAD Bolt, securing Top Cover 28-30 2						
FB.105/PID Bolt, securing Top Cover 28-31 6 FC.105/X Washer, Spring, on Bolts 28-32 10 DD.105/6H Dowel, positioning Top Cover to Case 28-33 2 C.1319 Ball, engaging Striking Rods 28-35 3 C.1334 Plunger, engaging Striking Rods 28-35 3 C.845 Spring, at top of Plungers 28-36 2 C.884 Spring, at top of Plungers 28-36 3 C.884 Striking Rod 28-37 2 C.887 Wire, locking Grub Strews 1 C.888 Striking Rod 28-38 3 C.873 Plung, in front end of Cover, sealing apertures for insertion of Striking Rod 3 C.897 Plug, in front end of Cover, for Striking Rods 28-40 3 C.890 Plate, covering Felt washers 28-42 2 C.891 Plate, covering Felt washers 28-42 2 C.1016/X Washer, Spring, on Sesterws 28-42 2 C.1016 Washer, Spring, on Sesterws 28-42 2 C.1016 Washer, Spring, on Sesterws 28-44 1 C.930 Plug, on side of Cover, for insertion of Interlock Balls and Roller C.297 Plug, on Top Cover 1 C.298 Plug, on Top Cover 1 C.299 Plug, on Top Cover 1 C.279 Plug, on Top Cover 1 C.279 Plug, on Top Cover 1 C.279 C.2796/fl Washer, on Plug 1 C.2675 DIPSTICK COMPLETE 28-49 1 C.2675 C.2675 C.2772 C.2773 C.2774 C.2774 C.2774 C.2775						
FG.105 X Washer, Spring, on Bolts 28-32 10						
Document						
C.1319		Dowel, positioning Top Cover to Case				
C.845 Spring, at top of Plungers 28-36 3 28-36 3 28-37 2 3 3 28-37 2 3 3 3 3 3 3 3 3 3						
Screw Grub Applying tension to Plungers for 1st/2nd 28-37 2 2 2 3 3 3 3 3 3 3						
C.884 Screw, Grub, applying tension to Plungers for Reverse 28–38 1		Screw, Grub, applying tension to Plungers for 1st/2nd				
C.837 Wire, locking Grub Screws As req'd C.873 Plug, in front end of Cover, sealing apertures for insertion of Striking Rods Seal (Felt) in rear end of Cover, for Striking Rods 28–40 3 C.880 Plate, covering Felt washers 28–41 E.55.104/3D Screws, Set, securing Cover Plate 28–42 2 C.315 Plug, Core, on top of Cover 28–43 2 C.315 Plug, Core, on top of Cover 28–44 1 C.330 Washer, Girber of Cover 28–45 1 C.327 Plug, on slde of Cover, for insertion of Interlock Balls C.331 C.332 Plug, on Top Cover 28–45 1 C.332 C.332 Plug, on Top Cover 1 C.2296/1 Washer, on Plug 1 C.2296/1 C.332 Plug, on Top Cover 1 C.2296/1 C.333 Rod, Striking (3ts/2nd Gears) 28–49 1 C.334 C.335 Rod, Striking (3ts/2nd Gears) 28–30 1 C.335 Rod, Striking (3ts/2nd Gears) 28–30 1 C.7725 Pork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 Pork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 C.7726 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 C.7725 C.7726 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 C.7725 C.7725 C.7726 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7725 C.7727 Fork, Change-Speed (3ts/2nd Gears) 28–30 1 C.7725 C.7726 C.7727 C.77	2.884	Screw, Grub, applying tension to Plungers for Reverse	28-38	1		
C.233	· 927			As rea'd		
C.227		Plug, in front end of Cover, sealing apertures for inser-	28-39	3		
C.880	929	Seal (Felt) in rear end of Cover, for Striking Rods	28-40	3		
FS.104/3 D Screw, Set, securing Cover Plate 28-42 2						
C.241 Breather, on top of Cover 28-44 1 C.2931 Washer (Fibre) for Breather 28-45 1 C.2930 Washer (Fibre) for Breather 28-46 1 C.2937 Plug, on side of Cover, for insertion of Interlock Balls and Roller and Roller 28-46 1 C.7379 Plug, on Top Cover 1 C.2236/1 Washer, on Plug 1 C.2475 DIPSTICK COMPLETE 28-47 1 C.2675 DIPSTICK COMPLETE 28-47 1 C.2675 C.2675 DIPSTICK COMPLETE 28-47 1 C.2676 Rod, Striking (1st/2nd Gears) 28-49 1 C.2776 Rod, Striking (3rd/Top Gears) 28-49 1 C.27326 Rod, Striking (Reverse Gear) 28-50 1 C.77326 Fork, Change-Speed (1st/2nd Gears) 28-51 1 C.77727 Fork, Change-Speed (1st/2nd Gears) 28-52 1 C.77726 Fork, Change-Speed (1st/2nd Gears) 28-52 1 C.905 Selector (3rd/Top Gears) 28-53 1 C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1910 Selector (Reverse Gear) 28-56 1 C.1910 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger 1 C.2022 Spring on Plunger 1 C.2022 Spring on Plunger 1 C.2024 Shim under Spring Strew Set under Reverse Selector 28-58 1 C.914 Shim under Spring Screw, Set, under Reverse Selector, adjusting tension 28-61 1 C.914 Shim under Spring Screw, Set, under Reverse Selector, adjusting tension 28-61 1						
C.241						
C.927						
C.727 Piug, on is ide of Cover, for insertion of Interlock Balls and Roller C.7379 Piug, on Top Cover 1						
C.2379 Plug, on Top Cover 1 C.2296/1 Washer, on Plug 1 STRIKING GEAR C.907 Rod, Strikling (1st/2nd Gears) 28–48 1 C.877 Rod, Strikling (3rd/Top Gears) 28–49 1 C.7358 Rod, Strikling (3rd/Top Gears) 28–50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28–51 1 C.7727 Fork, Change-Speed (3rd/Top Gears) 28–51 1 C.7727 Fork, Change-Speed (3rd/Top Gears) 28–51 1 C.7727 Fork, Change-Speed (3rd/Top Gears) 28–53 1 C.7724 Fork, Change-Speed (3rd/Top Gears) 28–53 1 C.905 Selector (3rd/Top Gears) 28–53 1 C.906 Selector (3rd/Top Gears) 28–55 1 C.907 Selector (3rd/Top Gears) 28–55 1 C.909 Plunger in Reverse Gear) 28–55 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1909 Plunger in Reverse Selector 28–56 1 C.902 Spring on Plunger C.922 Spring on Plunger In Reverse Selector 28–58 1 C.900 Spring, under Ball 28–60 1 C.914 Shim under Spring Plunger in Reverse Selector 28–59 1 C.900 Spring, under Ball 28–60 1 C.914 Shim under Spring Astronomy 28–61 1 C.915 Screw, Set, under Reverse Selector, adjusting tension 28–62 1			28 -40			
C.2296/1 Washer, on Plug 1 C.2296/1 Washer, on Plug 1 C.2296/1 Washer, on Plug 1 C.2275 DIPSTICK COMPLETE 28–47 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 28–48 1 C.877 Rod, Striking (3rd/Top Gears) 28–49 1 C.7358 Rod, Striking (3rd/Top Gears) 28–50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28–50 1 C.7726 Fork, Change-Speed (3rd/Top Gears) 28–51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 28–52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28–53 1 C.7925 Selector (3rd/Top Gears) 28–53 1 C.905 Selector (3rd/Top Gears) 28–53 1 C.900 Selector (Reverse Gear) 28–55 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1910 Plunger in Reverse Selector 28–56 1 C.9027 Spring on Plunger C.902 Spring on Plunger in Reverse Selector 28–59 1 C.914 Shim under Spring Plunger in Reverse Selector 28–59 1 C.915 Spring, under Ball 28–60 1 Shim under Spring Street, Set under Reverse Selector, adjusting tension 28–62 1	927			•		
C.2296/1 Washer, on Plug 1 C.2675 DIPSTICK COMPLETE 28–47 1 STRIKING GEAR C.907 Rod, Striking (1st/2nd Gears) 28–48 1 C.877 Rod, Striking (3rd/Top Gears) 28–49 1 C.7358 Rod, Striking (str/2nd Gears) 28–50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28–51 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28–51 1 C.7727 Fork, Change-Speed (1st/2nd Gears) 28–51 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 28–52 1 C.7724 Fork, Change-Speed (1st/2nd Gears) 28–53 1 C.905 Selector (3rd/Top Gears) 28–54 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1909 Plunger in Reverse Selector 28–56 1 C.1909 Plunger in Reverse Selector 28–57 1 L.103/TU Pin, Split, securing Plunger in Reverse Selector 28–59 1 C.922 Ball, locking Plunger in Reverse Selector 28–59 1 C.990 Spring, under Ball 28–60 1 C.9914 Shim under Spring Reverse Selector, adjusting tension 28–62 1	:.7379			1		
STRIKING GEAR						
C.907 Rod, Striking (1st/2nd Gears) 28–48 1 C.877 Rod, Striking (3rd/Top Gears) 28–49 1 C.7358 Rod, Striking (Reverse Gear) 28–50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28–51 1 C.7725 Fork, Change-Speed (Reverse Gear) 28–52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28–53 1 C.905 Selector (3rd/Top Gears) 28–54 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1909 Plunger in Reverse Selector 28–56 1 C.2022 Spring on Plunger 28–57 1 L.103/7U Pin, Split, securing Plunger In Reverse Selector 28–59 1 C.900 Spring, under Ball 28–50 1 C.901 Shim under Spring 28–61 1 Screw, Set, under Reverse Selector, adjusting tension 28–62 1	2675	DIPSTICK COMPLETE	28–47	1		
C.877 Rod, Striking (3rd/Top Gears) 28-49 1 C.7358 Rod, Striking (Reverse Gear) 28-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 28-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28-53 1 C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.9014 Shim under Spring 28-61 1 Screw, Set, under Reverse Selector, adjusting tension 28-62 1		STRIKING GEAR				
C.7358 Rod, Striking (Reverse Gear) 28-50 1 C.7726 Fork, Change-Speed (1st/2nd Gears) 28-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 28-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28-53 1 C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger 28-57 1 L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.992 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 Screw, Set, under Reverse Selector, adjusting tension 28-62 1				7		
C.7726 Fork, Change-Speed (1st/2nd Gears) 28-51 1 C.7725 Fork, Change-Speed (3rd/Top Gears) 28-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28-53 1 C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger C.2022 Spring on Plunger In Reverse Selector 28-57 1 L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.900 Spring, under Ball 28-60 1 C.9014 Shim under Spring 28-61 1 Screw, Set, under Reverse Selector, adjusting tension 28-62 1						
C.7725 Fork, Change-Speed (3rd/Top Gears) 28-52 1 C.7724 Fork, Change-Speed (Reverse Gear) 28-53 1 C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 Screw, Set, under Reverse Selector, adjusting tension 28-62 1						
C.7724 Fork, Change-Speed (Reverse Gear) 28–53 1 C.905 Selector (3rd/Top Gears) 28–54 1 C.1910 Selector (Reverse Gear) 28–55 1 C.1909 Plunger in Reverse Selector 28–56 1 C.2022 Spring on Plunger L.103/7U Pin, Split, securing Plunger In Reverse Selector 28–58 1 C.922 Ball, locking Plunger In Reverse Selector 28–59 1 C.900 Spring, under Ball 28–60 1 C.914 Shim under Spring 28–61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28–62 1		Fork, Change-Speed (3rd/Top Gears)		•		
C.905 Selector (3rd/Top Gears) 28-54 1 C.1910 Selector (Reverse Gear) 28-55 1 C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1						
C.1909 Plunger in Reverse Selector 28-56 1 C.2022 Spring on Plunger 28-57 1 L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.990 Spring, under Ball 28-60 1 C.914 Shirn under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1	C.905					
C.2022 Spring on Plunger 28-57 1 L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1						
L.103/7U Pin, Split, securing Plunger In Reverse Selector 28-58 1 C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shirn under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1				1		
C.922 Ball, locking Plunger in Reverse Selector 28-59 1 C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1		Spring on Plunger		1		
C.900 Spring, under Ball 28-60 1 C.914 Shim under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1				· · · · · · · · · · · · · · · · · · ·		
C.914 Shim under Spring 28-61 1 AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1						
AS.102/4D Screw, Set, under Reverse Selector, adjusting tension 28-62 1		Shim under Spring	28-61			
		Screw, Set, under Reverse Selector, adjusting tension	28–62	1		
		on Spring				
AN.102/L Nut, locking Setscrew when adjusted 28-63 1						
C.882 Stop Pin on 1st/2nd and 3rd/Top Striking Rods 28-64 2 C.874 Roller, for Interlock, in 1st/2nd Striking Rod 28-65 1						
C.874 Roller, for Interlock, in 1st/2nd Striking Rod 28-65 1 C.923 Ball, for Interlock, on 3rd/Top and Reverse Striking Rods 28-66 2						
C.844 Screw, Set (Taper) securing Forks and Selector 28-67 5		Screw, Set (Taper) securing Forks and Selector				
C.837 Wire, locking Taper Screws and Lock Pins As req'd		Wire, locking Taper Screws and Lock Pins	•			

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.2 46 2	CHANGE-SPEED LEVER (CRANKED)		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239
C.2291	Knob, for Change-Speed Lever		1	824001 to 824239 834001 to 835253
C.14218	CHANGE-SPEED LEVER (CRANKED)	28–68	1	Fitted to Chassis No. 820001 and subs. 830016 and subs.
C.16154	Knob, for Change-Speed Lever	28–69	1	 827008 and subs. 837320 and subs. 824240 and subs. 835254 and subs.
C.1928 C.1915	Nut, locking Knob to Change-Speed Lever Bearing, Flexible, housing Change-Speed Lever in Sel-	28-70 28-71	1 2	,
C.1919 C.1904 C.1918	ector Lever Washer at top of Flexible Bearing Washer at bottom of Flexible Bearing Lever, Selector, housing Change-Speed Lever	28-72 28-73	1 1 1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319
C.14217	Lever, Selector, housing Change-Speed Lever	28–74	1	824001 to 824239 834001 to 835253 Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs.
FN.405/L	Nut, Slotted, securing Change-Speed Lever in Selector	28-75	1	824240 and subs. 835254 and subs.
L.103/8U	Lever Pin, Split, securing Slotted Nut	28-76	1	
C.14470 C.1907	Jaw, Pivot, for Selector Lever Bush for Pivot Jaw	28-77 28-78	1	
C.1894	Washer, Thrust, on Pivot Jaw	28-79	2	
C.1914	Washer, Locking, on Pivot Jaw	28-80	1	
C.1905	Washer, Spring, on Pivot Jaw	28-81	1	
FN.407/L L.103/8U	Nut, Slotted, securing Pivot Jaw to Top Cover Pin, Split, securing Slotted Nut	28–82	1	
C.1912	Pin. Pivot, securing Selector Lever in Pivot law	28-83	i	
C.1906	Bush, in Selector Lever, for Pivot Pin	28-84	1	
C.1908	Washer, Thrust, at each side of boss on Selector Lever	28-85 28-86	2 1	
C.1929 FN.407/L L.103/8U	Washer, Spring, between Thrust Washer and Pivot Jaw Nut, Slotted, securing Pivot Pin Pin, Split, securing Slotted Nut	20-00	1	
C.885	FLANGE, ON MAINSHAFT, FOR	29- 1	1	
	UNIVERSAL JOINT			
	Nut, Slotted, securing Flange to Mainshaft	29- 2	1	
C.840 C.925 L.104/12U	Nut, Slotted, securing Flange to Mainshaft Washer, Plain, under Slotted Nut Pin, Split, securing Slotted Nut	29- 2 29- 3 29- 4	1 1 1	

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.499 4	MAINSHAFT	29- 5	1	
C.910		29⊸ 6	1	
C.909	Gear, Speedometer Driving Distance Piece behind Speedometer Driving Gear	29- 7	1	
C.10209	Sleeve, Synchronising Assembly, 2nd speed	29- 8	i	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	29- 9	12	
C.922	Ball, in 2nd and 3rd/Top Synchro Sleeves at top of Springs and Plungers	29–10	15	
C.901	Plunger in 2nd and 3rd/Top Synchro Sleeves (.490" long)	29–11	3	SELECTIVE SIZES. Choose the Plunger
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	29-11	3	> of the desired length.
C.901/2	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long)	29-11	3	J
C.10201 C.10202	Gear, 1st Speed	29-12	1	
C.10202	Gear, 2nd Speed Gear, 3rd Speed	29–13 29–14	1	
C.1850	Roller, Needle, In 2nd and 3rd Speed Gears	29-15	82	
C.1849	Plunger in Mainshaft, locking 2nd and 3rd Speed Gears	29-16	2	
C.1324	Spring, under Plungers	29-17	2	
C.10206/1	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	29-18	2]
C.10206/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	29–18	2	SELECTIVE SIZES. Choose the Washer of the desired thickness.
C.10206/3	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	2918	2	J
C.10208	Sleeve, Synchronising 3rd/Top Speeds	29–19	1	
C.4049/1	Sleeve, Operating 3rd/Top Speeds	29-20	. 1	
C.903 C.914	Shim for Synchro Sleeve (.006" thick) Shim for Synchro Sleeve (.028" thick)	29-21 29-21	As req'd As req'd	
C.10200	CONSTANT PINION SHAFT ASSEMBLY	29–22	1	
	ASSEMBLY			
C.10200 C.1843 C.2121	ASSEMBLY Bearing, Roller Inside Constant Pinion Shaft	29-22 29-23 29-24	1 1 1	
C.1843 C.2121	ASSEMBLY	29–23 29–24	1	
C.18 4 3	ASSEMBLY Bearing, Roller Inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft	29–23 29–24	1 1	
C.1843 C.2121 C.11932	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing	29-23 29-24 29-25	1 1 2	
C.1843 C.2121 C.11932	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing	29-23 29-24 29-25	1 1 2	
C.1843 C.2121 C.11932 C.11933	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE	29-23 29-24 29-25 29-26	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes)	29-23 29-24 29-25 29-26 29-27 29-27	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070 C.10205/1 C.1893	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes) Lever, operating Reverse Gear	29-23 29-24 29-25 29-26 29-27 29-27 29-28 29-29	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070 C.10205/1 C.1893 C.1899	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes) Lever, operating Reverse Gear Fulcrum Pin. for Operating Lever	29-23 29-24 29-25 29-26 29-27 29-27 29-28 29-29 29-30	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070 C.10205/1 C.1893 C.1899 C.777	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes) Lever, operating Reverse Gear Fulcrum Pin, for Operating Lever Nut, Slotted, securing Fulcrum Pin	29-23 29-24 29-25 29-26 29-27 29-27 29-29 29-31	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070 C.10205/1 C.1893 C.1777 W.106/T	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes) Lever; operating Reverse Gear Fulcrum Pin, for Operating Lever Nut, Slotted, securing Fulcrum Pin Washer, Plain, under Slotted Nut	29-23 29-24 29-25 29-26 29-27 29-27 29-28 29-29 29-30	1 1 2 1	
C.1843 C.2121 C.11932 C.11933 C.2070 C.10205/1 C.1893 C.1899 C.777	ASSEMBLY Bearing, Roller inside Constant Pinion Shaft Oil Thrower on Constant Pinion Shaft Locknut, on Constant Pinion Shaft securing Front Bearing Tab Washer, retaining Locknut REVERSE SPINDLE Reverse Gear (complete with Bushes) Lever, operating Reverse Gear Fulcrum Pin, for Operating Lever Nut, Slotted, securing Fulcrum Pin	29-23 29-24 29-25 29-26 29-27 29-28 29-29 29-30 29-31 29-31	1 1 2 1	

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.1856	COUNTERSHAFT	29–36	1	
C.10204	GEAR UNIT (CLUSTER) ON COUNTERSHAFT	29–37	1	
C.1864	Retaining Ring, at rear of Needle Rollers	29-38	_2	
C.918 C.1861	Needle Roller	29–39 29–40	58	
C.1001	Thrust Washer, Inner, at rear of Counter adjacent to Needle Rollers	27-40	•	
C.1862	Thrust Washer, Outer, at rear of Counter (.156" thick)	29-41	1	ገ
C.1862/1	Thrust Washer, Outer, at rear of Counter (.159" thick)	2 9-4 1	1	1
C.1862/2	Thrust Washer, Outer, at rear of Counter (.162" thick)	29-41	1	To eliminate end float on Countershaft,
C.1862/3	Thrust Washer, Outer, at rear of Counter (.152" thick)	29-41	1	select Washer which has the desired
C.1862/4	Thrust Washer, Outer, at rear of Counter (.164" thick)	29-41	1	thickness.
C.10210 C.8835	Retaining Ring, at outer end of Front Needle Rollers	29-42 29-43	1	
C.1859	Thrust Washer, Inner, at front end of Counter Thrust Washer, Outer Assembly, at front end of		1	
W.1007	Counter	A/11	•	
C.4285	Sealing Ring on Countershaft	29-45	1	

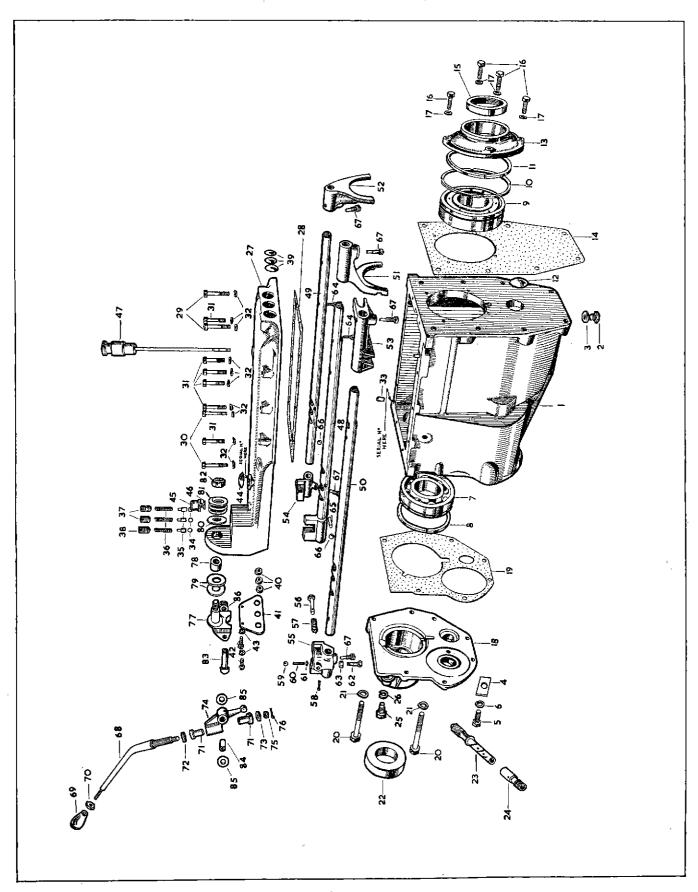


PLATE 28

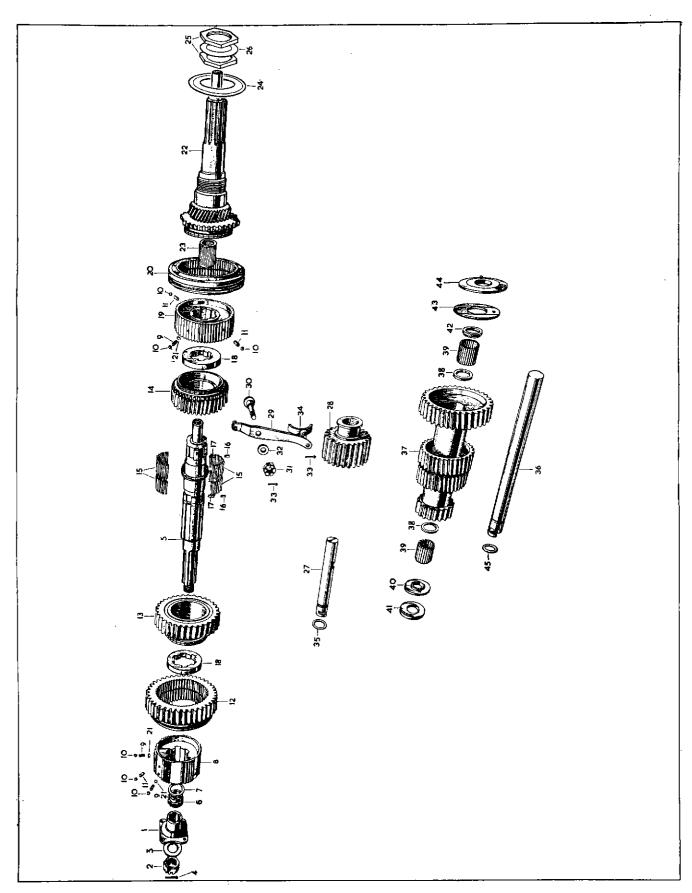


PLATE 29

(MOSS CLOSE RATIO GEARS) FOR XK.150 STANDARD TRANSMISSION

Part No.	Description	Plate No.	No, per Unit	Remarks
C.13878	GEARBOX COMPLETE		1	NOTE.—This Gearbox may be identified by the prefix letter "M" and suffix letter "J" to the Serial number stamped on the Gearbox.
C.9815	GEARBOX CASE	30- 1	1	
C.799 C.799 C.785	Plug, Oil Drain, at bottom of Case Plug, Oil Level, at side of Case Washer (Fibre) on Drain Plug	30- 2 30- 2 30- 3	1 1 2	
C.857	Plate, at rear end of Case, locking Counter and Reverse Shafts	30- 4	1	
FS.205/7D FG.105/X C.1845 C.1855 C.1838 C.1841 C.1840 C.920	Screw, Set, securing Locking Plate Washer, Spring, on Setscrew Bearing, Ball, for Mainshaft (Hoff.MS.12½K) Circlip, around Mainshaft Bearing Bearing, Ball, for Constant Pinion Shaft (Hoff.340K) Collar, between Case and Circlip Circlip, on Bearing, behind Collar Washer (Fibre) in Casing, at front end of Countershaft	30- 5 30- 6 30- 7 30- 8 30- 9 30-10 30-11 30-12	1 1 1 1 1 1 1 1	
C.1833	FRONT END COVER	30–13	1	
C.1834 C.6738 C.1835 FW.105/E C.837	Gasket, between Front End Cover and Case Seal, Oil, in Front End Cover Screw, Set, securing Front End Cover to Case Washer (Copper) on Setscrews Wire, locking Setscrews	30–14 30–15 30–16 30–17	1 1 4 4 As req'd	
C.7671	REAR END COVER	30–18	1	
C.1866 FS.105/9D FG.105/X C.859	Gasket, between Rear End Cover and Casing Screw, Set, securing Rear End Cover to Casing Washer, Spring, on Setscrews Seal, Oil, in Rear End Cover	30–19 30–20 30–21 30–22	1 7 7 1	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	30–23	1	
C.858 C.846 FG.105/X	Bearing for Speedometer Driven Gear Screw, locking Bearing in Rear End Cover Washer, Spring, on Screw	30-24 30-25 30-26	1 1 1	
625 4	GEARBOX REMOTE CONTROL ASSEMBLY (SD 1030) (COMPRISING TOP COVER, CHANGE- SPEED LEVER, CHANGE-SPEED FORKS, SELECTORS, ETC.)		1	

(MOSS CLOSE RATIO GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.6878	TOP COVER	30–27	1	
C.860	Gasket, between Top Cover and Gearbox Case	30–28	1	
FB.105/15D	Bolt, securing Top Cover	30-29	2	
FB.105/14D FB.105/12D	Bolt, securing Top Cover	30-30	2	
FG.105/X	Bolt, securing Top Cover Washer, Spring, on Bolts	30-31 30-32	6 10	
OD.105/6H	Dowel, positioning Top Cover to Case	30-33	2	
C.1319	Ball, engaging Striking Rods	30-34	3	
C.13334	Plunger, engaging Striking Rods	30-35	3	
C.845 C.849	Spring, at top of Plungers Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	30-36 30-37	3 2	
C.884	Screw, Grub, applying tension to Plunger for Reverse Striking Rod	30-38	1	
C.837	Wire, locking Grub Screws		As reg'd	
C.873	Plug, in front end of Cover, sealing apertures for inser- tion of Striking Rods	30–39	3	
C.929	Seal (Felt) in rear end of Cover, for Striking Rods	30-40	3	·
C.880 FS.104/3D	Plate, covering Felt Seals Screw, Set, securing Cover Plate	30-41	1	
FG.104/X	Washer, Spring, on Setscrews	30-42 30-43	2 2	
C.315	Plug, Core, on top of Cover	30-44	î	
C.841	Breather, on top of Cover	30-45	i	
C.930	Washer (Fibre) for Breather	30-46	1	
C.927	Plug, in side of Cover, for insertion of Interlock Balls and Roller		1	
C.7379 C.2296/1	Plug, sealing hole in Top Cover Washer, (Copper) on Plug		1	
C.2675	DIPSTICK ASSEMBLY	30–47	1	
	STRIKING GEAR	30–47	1	
C.907 C.877 C.7358	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear)	30-48 30-49 30-50	1 1 1	
C.907 C.877 C.7358 C.7726	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears)	30-48 30-49 30-50 30-51	1 1 1	
C.907 C.877 C.7358 C.7726 C.7725	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears)	30–48 30–49 30–50 30–51 30–52	1 1 1 1	
C.907 C.877 C.7358 C.7726	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear)	30-48 30-49 30-50 30-51 30-52 30-53	1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear)	30–48 30–49 30–50 30–51 30–52	1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910 C.1909	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector	30-48 30-49 30-50 30-51 30-52 30-53 30-55 30-55	1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910 C.1909 C.2022	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger	30-48 30-49 30-50 30-51 30-52 30-53 30-54 30-56 30-56	1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger In Reverse Selector	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-57 30-57	1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7725 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-56 30-58 30-58	1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-57 30-57	1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7725 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger In Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension	30-48 30-49 30-50 30-51 30-52 30-53 30-54 30-57 30-58 30-59 30-60	1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900 E.914 AS.102/4D	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension on Spring	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-56 30-58 30-59 30-60 30-61 30-62	111111111111111111111111111111111111111	
C.907 C.877 C.7358 C.7726 C.7725 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension on Spring Nut, locking Setscrew when adjusted	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-56 30-58 30-59 30-60 30-61 30-62	1 1 1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900 C.914 AS.102/4D	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension on Spring Nut, locking Setscrew when adjusted Stop Pin on 1st/2nd and 3rd/Top Striking Rods	30-48 30-49 30-50 30-51 30-52 30-54 30-56 30-57 30-58 30-59 30-61 30-62 30-63 30-63	111111111111111111111111111111111111111	
C.907 C.877 C.7358 C.7726 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.902 C.904 AS.102/4D AN.102/L C.882 C.874 C.874	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger in Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension on Spring Nut, locking Setscrew when adjusted Stop Pin on 1st/2nd and 3rd/Top Striking Rods Roller, for Interlock, in 1st/2nd Striking Rod Ball, for Interlock, in 3rd/Top and Reverse Striking Rod	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-56 30-58 30-59 30-60 30-61 30-62	1 1 1 1 1 1 1 1 1	
C.907 C.877 C.7358 C.7726 C.7724 C.905 C.1910 C.1909 C.2022 L.103/7U C.922 C.900 C.914 AS.102/4D	STRIKING GEAR Rod, Striking (1st/2nd Gears) Rod, Striking (3rd/Top Gears) Rod, Striking (Reverse Gear) Fork, Change-Speed (1st/2nd Gears) Fork, Change-Speed (3rd/Top Gears) Fork, Change-Speed (Reverse Gear) Selector (3rd/Top Gears) Selector (Reverse Gear) Plunger in Reverse Selector Spring on Plunger Pin, Split, securing Plunger In Reverse Selector Ball, locking Plunger In Reverse Selector Spring, under Ball Shim under Spring Screw, Set, under Reverse Selector, adjusting tension on Spring Nut, locking Setscrew when adjusted Stop Pin on 1st/2nd and 3rd/Top Striking Rods Roller, for Interlock, in 1st/2nd Striking Rods	30-48 30-49 30-50 30-51 30-53 30-54 30-55 30-57 30-58 30-59 30-61 30-62 30-63 30-64 30-65	111111111111111111111111111111111111111	

(MOSS CLOSE RATIO GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.2462	CHANGE-SPEED LEVER (CRANKED)		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319
C.2291	Knob, for Change-Speed Lever		1	824001 to 824239 834001 to 835253
C.14218	CHANGE-SPEED LEVER (CRANKED)	30–68	1	Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs.
C.16154	Knob, for Change-Speed Lever	30-69	1	824240 and subs. 835254 and subs.
C.1928 C.1915	Nut, locking Knob to Change-Speed Lever Bearing, Flexible, housing Change-Speed Lever in Sel-	30-70	1 2	•
C.1919 C.1904 C.1918	ector Lever Washer at top of Flexible Bearing Washer at bottom of Flexible Bearing Lever, Selector, housing Change-Speed Lever	30–72 30–73	1 1 1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239
C.14217	Lever, Selector, housing Change-Speed Lever	30–74	1	834001 to 835253 Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs.
FN.405/L	Nut, Slotted, securing Change-Speed Lever in Selector Lever	30–75	1	835254 and subs.
L.103/8U	Pin, Split, securing Slotted Nut	30-76	1	
C.14470	Jaw, Pivot, for Selector Lever	30-77	1	
C.1907 C.1894	Bush for Pivot Jaw	30-78 30-79	1 2	
C.1914	Washer, Thrust, on Pivot Jaw Washer, Locking, on Pivot Jaw	30 - 79	1	
C.1905	Washer, Spring, on Pivot Jaw	30-81	i	
FN.407/L	Nut, Slotted, securing Pivot Jaw to Top Cover	30-82	1	
L.103/8U	Pin, Split, securing Slotted Nut	30.03	1	
C.1912 C.1906	Pin, Pivot, securing Selector Lever In Pivot Jaw	30–83 30–84	1	
C.1908	Bush, in Selector Lever, for Pivot Pin Washer, Thrust, at each side of boss on Selector Lever	30 - 85	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw		1	
FN.407/L L.103/8U	Nut, Slotted, securing Pivot Pin Pin, Split, securing Slotted Nut		1	
C.885	FLANGE, ON MAINSHAFT, FOR UNIVERSAL JOINT	31– 1	1	
C.840	Nut, Slotted, securing Flange to Mainshaft	31- 2	1	
C.925 L.104/12U	Washer, Plain, under Slotted Nut Pin, Split, securing Slotted Nut	31- 2 31- 3 31- 4	1	

(MOSS CLOSE RATIO GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.4993	MAINSHAFT	31 5	1	
C.910	Gear, Speedometer Driving	31- 6	1	
C.909	Distance Piece behind Speedometer Driving Gear	31- 7	1	
C.7479	Sleeve, Synchronising Assembly, 2nd speed	31- 8 31- 9	1 12	
C.900 C.922	Spring, in 2nd and 3rd/Top Synchro Sleeves Ball, In 2nd and 3rd/Top Synchro Sleeves at top of Springs and Plungers	31–10	15	
C.901	Plunger in 2nd and 3rd/Top Synchro Sleeves (.490" long)	31-11	3	SELECTIVE SIZES. Choose Plungers of
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	31–11 31–11	3 3	the desired length.
C.901/2 C.1897	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long) Gear, 1st Speed	31-12	1	,
C.4118	Gear, 2nd Speed	31-13	1	
C.4117	Gear, 3rd Speed	31-14	_1	
C.1850	Roller, Needle, in 2nd and 3rd Speed Gears	31-15	82	
C.1849	Plunger in Mainshaft, locking 2nd and 3rd Speed Gears	31-16	2	
C.1324	Spring, under Plungers Weeken, Theurs, front and space of 2nd and 3rd Speed	31-17 31-18	2 2	`
C.1847/1 C.1847/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Washer, Thrust, front and rear of 2nd and 3rd Speed	31–18	2	SELECTIVE SIZES. Choose Washer of
C.1847/3	Gears (.473"/.474" thick) Washer, Thrust, front and rear of 2nd and 3rd Speed	31–18	2	desired thickness.
C.4116	Gears (.475"/.476" thick) Sleeve, Synchronising 3rd/Top Speeds	31–19	1	,
C.4049	Sleeve, Operating 3rd/Top Speeds	31-20	i	
C.903	Shim for Synchro Sleeve (.006" thick)	31-21	As req'd	
C.914	Shim for Sýnchro Sleeve (.028" thick)	31–21	As req'd	
C.4114	CONSTANT PINION SHAFT	31~22	1	
C,1843	Bearing, Roller, inside Shaft	31-23	1	
C.8912 C.1842 C.1838/1 C.2109 C.2110 C.2111	Constant Pinion Thrower, Oil Circlip, retaining Ball Bearing on Constant Pinion Shaft Washer for Constant Pinion Shim for Constant Pinion Shim for Constant Pinion	31-24 31-25 31-26 31-27 31-28 31-29	1 1 1 1 As req'd As req'd	
			·	
C.2068/2	REVERSE GEAR ASSEMBLY	31–30	1	
C.2070 C.1893 C.1899 C.777 FW.106/T L.103/8U C.866 C.4284	Spindle for Reverse Gear Lever, operating Reverse Gear Pin, Fulcrum, for Operating Lever Nut, Slotted, securing Fulcrum Pin Washer, Plain, under Slotted Nut Pin, Split, securing Slotted Nut and Reverse Slipper Slipper, Reverse Ring, Sealing, on Reverse Spindle	31-31 31-32 31-33 31-34 31-35 31-36 31-37 31-38	1 1 1 1 2 1	

(MOSS CLOSE RATIO GEARS) FOR XK.150 STANDARD TRANSMISSION

Part No.	Description	Plate No.	No. per Unit	Remarks
C.1856	COUNTERSHAFT	31–39	1	
C.8913 C.918 C.1864 C.1858 C.1859	Gear Unit (Cluster) Roller, Needle, inside Gear Unit Ring, retaining Needle Rollers Washer, Thrust, Inner, at front of Countershaft Washer, Thrust, Outer, Assembly at front of Countershaft Washer, Thrust, Inner, at rear of Counter, adjacent to	31-40 31-41 31-42 31-43 31-44	1 58 3 1 1	
C.1862 C.1862/1 C.1862/2 C.1862/3 C.1862/4 C.4285	Needle Rollers Washer, Thrust, Outer, at rear of Counter (.156" thick) Washer, Thrust, Outer, at rear of Counter (.159" thick) Washer, Thrust, Outer, at rear of Counter (.162" thick) Washer, Thrust, Outer, at rear of Counter (.152" thick) Washer, Thrust, Outer, at rear of Counter (.164" thick) Ring, Sealing (Cord) on Countershaft	31-46 31-46 31-46 31-46 31-46 31-47	1 1 1 1 1	To eliminate end float on Countershaft, select Washer which has the desired thickness.

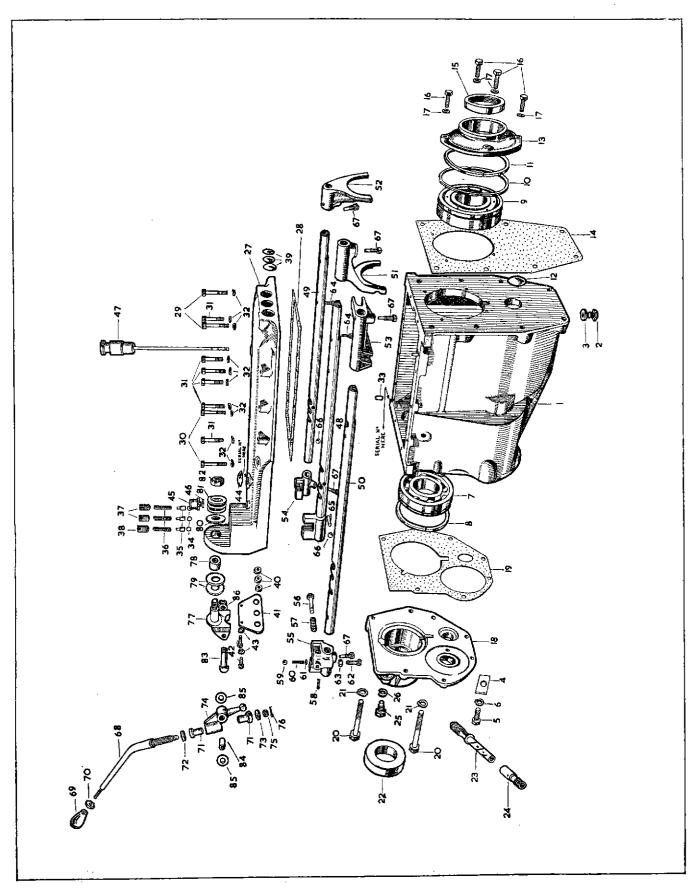


PLATE 30

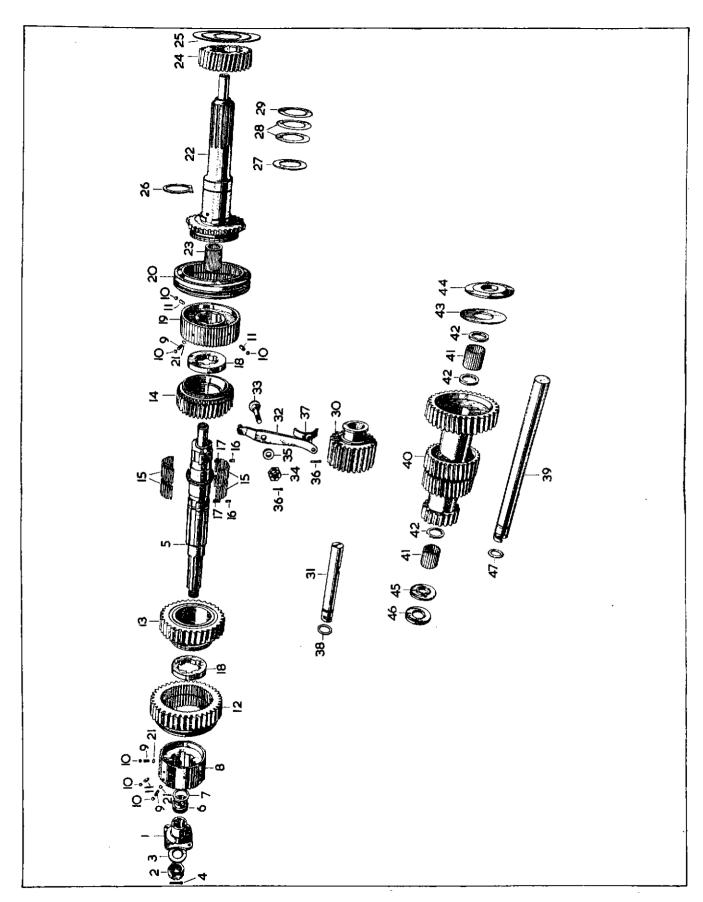


PLATE 31

GEARBOX

(CLOSE RATIO GROUND GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.17703	GEARBOX ASSEMBLY		1	NOTE.—This Gearbox may be identified by the prefix letters "JLS" and suffix letters "CR" to the Serial number stamped on the Gearbox.
C.9815	GEARBOX CASE	32– 1	1	
C.799 C.799 C.785	Plug, Oil Drain, at bottom of Casing Plug, Oil Level, at side of Casing Washer (Fibre) on Drain Plug	32- 2 32- 2 32- 3	1 1 2	
C.857 FS.205/5D FG.105/X C.1845 C.1855 C.8458/1 C.8458/2 C.8458/3 C.1838 C.1838 C.1841 C.1840 C.920	Plate, locking Counter and Reverse Shafts Screw, Set, securing Locking Plate Washer, Spring, on Setscrew Bearing, Ball, for Mainshaft (MS.12½K) Circlip, securing Mainshaft Bearing Shim, for Mainshaft Bearing (.002° thick) Shim, for Mainshaft Bearing (.003" thick) Shim, for Mainshaft Bearing (.004" thick) Shim, for Mainshaft Bearing (.004" thick) Bearing, Ball, for Constant Pinion Shaft (Hoff.340K) Collar, between Casing and Circlip Circlip, on Bearing behind Collar Washer, (Fibre) in casing at front end of Countershaft	32-8A 32-8A 32- 9 32-10 32-11	1 1 1 1 1 As req'd As req'd 1 1 1 1	
C.1833	FRONT END COVER	32-13	1	
C.1834 C.6738 C.359 FW.105/E C.837	Gasket, between Front Cover and Gearbox Case Seal, Oll, in Front End Cover Screw, Set, securing Cover to Case Washer (Copper) on Setscrew Wire, locking Setscrew	32-14 32-15 32-16 32-17	1 1 4 4 As req'd	
C.1866	Gasket, between Gearbox Case and Overdrive Extension	32–18	1	
FS.105/9D FG.105/X	Screw, Set, securing Overdrive Unit to Gearbox Washer, Spring, on Setscrews	32–19 32–20	7 7	
	STRIKING GEAR			
C.907 C.6879 C.7358 C.6849 C.6848 C.6850 C.7639 C.1910 C.1909 C.2022 AS.102/4D	Rod, Striking, 1st/2nd Gears Rod, Striking, 3rd/Top Gears Rod, Striking, Reverse Gear Fork, Change-Speed, 1st/2nd Gears Fork, Change-Speed, 3rd/Top Gears Fork, Change-Speed, Reverse Gear Selector, 3rd/Top Gears Selector, Reverse Gear Plunger, in Reverse Selector Spring for Plunger Screw, Set, in Reverse Selector adjusting Tension on Spring Nut, locking Setscrew in position	32-21 32-22 32-23 32-24 32-25 32-26 32-27 32-28 32-29 32-30 32-31	1 1 1 1 1 1 1 1 1 1 1 1	
AN,102/L L.103/7U C.922 C.900 C.914 C.882 C.874 C.923 C.844 C.837	Nut, locking Setscrew in position Pin, Split, securing Plunger in Reverse Selector Ball, locking Plunger Spring, under Ball Shim, under Spring Pin, Stop, on 1st/2nd and 3rd/Top Striking Rods Roller for Interlock (in 1st/2nd Striking Rods) Ball, for Interlock (in 3rd/Top and Reverse Striking Rods) Screw, Set, (Taper) securing Forks and Selectors Wire, locking Taper Screws and Stop Pins	32-32 32-33 32-34 32-35 32-36 32-37 32-38 32-39 32-40	1 1 1 1 2 1 2 5 As req'd	

GEARBOX

(CLOSE RATIO GROUND GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks	·
6255	REMOTE CONTROL, COMP	LETE (SD.1031)	1		
	(COMPRISING TOP COVER, RODS, FORKS, SELECTORS, SPEED LEVER, ETC.)	STRIKING CHANGE-			

C.6878	TOP COVER	32–41	1
C.1083	Switch, for Top Cover, operating Reversing Light and Top Gear for Overdrive Unit	32-41 A	2
C.4531	Gasket for Switches	32-41 B	2
C.6851	Packing, between Top Cover and Gearbox Case	32 -4 2	2 1
C.860	Gasket, at each side of Packing	32 4 3	2
FB.105/24D	Bolt, securing Top Cover	32 -44	2 2 2
FB.105/23D	Bolt, securing Top Cover	32 -4 5	2
FB.105/21D	Bolt, securing Top Cover	32 –46	6
FG.105/X	Washer, Spring, on Bolts	32 –4 7	10
OD.105/14H	Dowel, positioning Top Cover to Casing	32–48	2 3 3 3 2
C.1319	Ball, engaging Striking Rods	32–49	3
C.13334	Plunger, engaging Striking Rods	32-50	3
C.845	Spring, at top of Plungers	32-51	3
C.849	Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	32–52	2
C.884	Screw, Grub, applying tension to Plunger for Reverse Striking Rod	32–53	1
C.837	Wire, locking Grub Screws		As req'd
C.873	Plug, in front end of Top Cover	32-54	3
C.929	Washer, Felt, in rear end of Top Cover	32-55	3
C.880	Plate, retaining Felt Washers	32-56	1
FS.104/3D	Screw, Set, securing Retaining Plate	32-57	1 2 2
FG.104/X	Washer, Spring, on Setscrews	32-58	
C.315	Plug, Core, on top of Cover	32-59	1
C.6853	Dipstick Complete	32-60	1
C.841	Breather at top of Cover	32-61	1
C.930	Washer, (Fibre) for Breather	32-62	1
C.927	Plug, in side of Cover, for insertion of Interlock Balls and Rollers	32–63	1

C.2462	CHANGE-SPEED LEVER	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.2291	Knob for Change-Speed Lever	1

GEARBOX
(CLOSE RATIO GROUND GEARS)

C.14218 CHANGE-SPEED LEVER 32-64 1 Fitted to Chassis No. 82007 and subs. 8	Part No.	Description	Plate No.	No. per Unit	Remarks
C.1914 Rnob for Change-Speed Lever C.1915 Bearing, Flexible, housing Change-Speed Lever C.1916 C.1917 Washer, at top of Flexible Bearing C.1918 Lever, Selector, housing Change-Speed Lever C.1919 Washer, at top of Selectible Bearing C.1910 Washer, at top of Flexible Bearing C.1911 Lever, Selector, housing Change-Speed Lever C.1912 Lever, Selector, housing Change-Speed Lever C.1914 Lever, Selector, housing Change-Speed Lever C.1915 Lever, Selector, housing Change-Speed Lever C.1916 Lever, Selector, housing Change-Speed Lever C.1917 Lever, Selector, housing Change-Speed Lever C.1918 Lever, Selector, housing Change-Speed Lever C.1919 Lever, Selector, housing Change-Speed Lever C.1910 Lever C.1910 Lever, Selector, housing Change-Speed Lever C.1911 Lever C.1912 Lever, Selector, housing Change-Speed Lever C.1912 Lever C.1914 Lever, Selector, housing Change-Speed Lever C.1915 Lever C.1916 Lever, Selector, housing Change-Speed Lever C.1917 Lever C.1918 Lever, Selector, housing Change-Speed Lever C.1918 Lever, Selector, housing Change-Speed Lever C.1919 Lever, Selector, housing Change-Speed Lever C.1910 Lever C.1910 Lever, Selector, housing Change-Speed Lever C.1911 Lever C.1912 Lever, Selector, housing Change-Speed Lever C.1912 Lever, Selector, housing Change-Speed Lever C.1912 Lever C.1912 Lever, Selector, housing Change-Speed Lever C.1912 Lever C.1914 Washer, Intrust, on Pivot law C.1915 Lever C.1915 Lever C.1915 Lever C.1916 Lever C.1917 Lever C.1917 Lever C.1918 Lever, Selector, housing Change-Speed Lever C.1918 Lever C.1918 Lever, Selector, housing Change-Speed Lever C.1919 Lever, Selector, housing Selector Lever C.1910 Lever C.1910 Lever, Selector, housing Selector, hou	C.14218	CHANGE-SPEED LEVER	3264	1	820001 and subs, 830016 and subs, 827008 and subs, 837320 and subs, 824240 and subs.
C.1915	C.16154	Knob for Change-Speed Lever	32-65	1	835254 and subs.
C.1919 Washer, at top of Flexible Bearing 32-69 1 C.1918 Lever, Selector, housing Change-Speed Lever 32-69 1 Lever, Selector, housing Change-Speed Lever 32-69 1 C.14217 Lever, Selector, housing Change-Speed Lever 32-70 1 C.14217 Lever, Selector, housing Change-Speed Lever 10 Selector 32-71 1 C.14217 Lever, Selector, housing Change-Speed Lever 10 Selector 32-71 1 C.14217 Lever, Selector, housing Change-Speed Lever 10 Selector 32-70 1 C.14217 Lever, Selector, housing Change-Speed Lever 10 Selector 10 Select		Bearing, Flexible, housing Change-Speed Lever in Sel-			
Record R	C.1904	Washer, at top of Flexible Bearing Washer, at bottom of Flexible Bearing		1	830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239
FN.405/L L103/8U Pin, Split, securing Slotted Nut Lever 10.1930 Pin, Split, securing Slotted Nut C.1947 C.1907 Bush for Pivot jaw 32-73 C.1994 Washer, Thrust, on Pivot jaw 32-75 C.1994 Washer, Spring, on Pivot jaw 32-76 C.1995 Washer, Spring, on Pivot jaw 32-77 PN.407/L L103/8U Pin, Split, securing Slotted Nut C.1991 PN.407/L Nut, Slotted, securing Pivot jaw 32-77 PN.407/L C.1912 Pin, Pivot, mounting Selector Lever in Pivot jaw 32-80 C.1994 Pin, Split, securing Slotted Nut C.1990 Bush, in Selector Lever for Pivot jaw 32-81 C.1990 Washer, Thrust, at each side of Selector Lever 32-82 C.1991 Washer, Spring, between Thrust Washer and Pivot jaw 32-81 C.1990 Washer, Spring, between Thrust Washer and Pivot jaw 32-81 PN.407/L Nut, Slotted, securing Pivot Pin Pin, Split, securing Slotted Nut C.1991 Pin, Split, securing Slotted Nut C.1992 Washer, Spring, between Thrust Washer and Pivot jaw 32-81 PN.407/L Nut, Slotted, securing Pivot Pin Pin, Split, securing Slotted Nut C.6830 MAINSHAFT 33-1 C.7480 Sleeve, Synchronising Assembly 2nd Speed 33-2 Spring, in 2nd and 3rd/Top Synchro Sleeves 33-3 Sleeve, Synchronising Assembly 2nd Speed C.9901 Spring, in 2nd speed Synchro Sleeves Spring, in 2nd speed Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (490° long) Synchro Sleeves Spring, in 2nd speed Synchro Sleeve (490° long) Spring, in 2nd speed Mainshaft C.4123 Gear, 2nd Speed Mainshaft Gear Assembly, 37 Gear John and 3rd Speed Gears (475'/472' chick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (475'/474' thick) Washer, Thrust, front and rear of 2nd and 3rd Speed	C.14217	Lever, Selector, housing Change-Speed Lever	32–70	1	820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs.
L.103/8U Pin, Split, securing Slotted Nut C.19470 Bush for Pivot Jaw C.1997 Bush for Pivot Jaw C.1994 Washer, Intrust, on Pivot Jaw C.1914 Washer, Intrust, on Pivot Jaw C.1914 Washer, Spring, on Pivot Jaw C.1914 Washer, Spring, on Pivot Jaw C.1915 Washer, Spring, on Pivot Jaw C.1916 Pin, Split, securing Slotted Nut C.1917 Pin, Pivot, mounting Selector Lever in Pivot Jaw C.1918 Pin, Split, securing Slotted Nut C.1919 Pin, Pivot, mounting Selector Lever in Pivot Jaw C.1910 Bush, in Selector Lever for Pivot Jaw C.1910 Washer, Spring, between Thrust Washer and Pivot Jaw C.1910 Washer, Spring, between Thrust Washer and Pivot Jaw C.1920 Washer, Spring, between Thrust Washer and Pivot Jaw FN.407/L Nut, Slotted, securing Pivot Pin FN.407/L Nut, Slotted, securing Pivot Pin FN.407/L Nut, Slotted, securing Pivot Pin FN.407/L Nut, Slotted, securing Slotted Nut Sleeve, Synchronising Assembly 2nd Speed C.900 Spring, in 2nd and 3rd/Top Synchro Sleeve Spring, in 2nd and 3rd/Top Synchro Sleeve Spring, in 2nd and 3rd/Top Synchro Sleeve Spring, in 2nd and 3rd Speed Synchro Sleeve Spring, in 2nd Speed Synchro Sleeve (490° long) Spring, in 2nd Speed Synchro Sleeve (490° long) Spring, in 3nd Speed Synchro Sleeve (490° long) Spring, in 3nd Speed Synchro Sleeve (490° long) Spring, under Plungers Washer, Thrust, front and rear of 2nd and 3rd Speed Gear, 2nd Speed Mainshaft C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears, 2nd Speed Mainshaft Seary, Thrust, front and rear of 2nd and 3rd Speed Gears (475° 1,474° thick) Sleeve, Synchronising 3rd/Top Speeds Sleeve, Synchronising 3rd/Top Speeds Sleeve, Synchronising Srd/Top Speeds Shim under Springs in Synchro Sleeve (490° long) Sleeve, Synchronising Srd/Top Speeds Shim under Springs in Synchro Sleeve (490° long) Sleeve, Operating 3rd/Top Speeds Shim under Springs in Synchro Sleeve (490° long) Shim under Springs in Synchro Sleeve (490° long) Sleeve, Operating Srd/Top Speeds Shim under Springs in Synchro Sleeve (490° long) Shim under Springs in Synchro Sleeve (490° long) S	FN.405/L		32-71	1	633234 and subs.
C.1907 Bush for Pivot Jaw C.1914 Washer, Thrust, on Pivot Jaw C.1914 Washer, Including an Pivot Jaw C.1914 Washer, Including an Pivot Jaw C.1914 Washer, Spring, on Pivot Jaw C.1905 Washer, Spring, on Pivot Jaw C.1906 Pin, Split, securing Pivot Jaw C.1908 Pin, Split, securing Selector Lever in Pivot Jaw C.1909 Pin, Split, securing Selector Lever in Pivot Jaw C.1908 Washer, Spring, between Thrust Washer and Pivot Jaw C.1909 Washer, Spring, between Thrust Washer and Pivot Jaw C.1909 Washer, Spring, between Thrust Washer and Pivot Jaw C.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, Dandard Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Washer, Spring, between Thrust Washer and Pivot Jaw D.1909 Dandard Thrust Masher Spring, Dandard Dandard Spring Dandard Thrust James Dandard Dandard Dandard Spring Dandard Dandar		Pin, Split, securing Slotted Nut		1	
C.1994 Washer, Thrust, on Pivot Jaw C.1905 Washer, locking on Pivot Jaw 32-76 C.1905 Washer, Spring, on Pivot Jaw 32-77 IN-1005 Washer, Spring, on Pivot Jaw 32-77 IN-1005 Washer, Spring, on Pivot Jaw 32-77 IN-1007 Washer, Spring, on Pivot Jaw 32-79 IN-1007 Washer, Spring, on Pivot Jaw 32-79 IN-1007 Washer, Spring, on Pivot Jaw 32-79 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-80 C.1909 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring, between Thrust Washer and Pivot Jaw 32-81 IN-1007 Washer, Spring Washer, Spring, Washer, Sprin					
C.1905 Washer', Spring, on Pivot Jaw 12.77	C.1894				
FN. 407/L Nut. Slotted, securing Pivor Jaw 32.78 1 1 1 1 1 1 1 1 1				1	
L103/8U Pin, Split, securing Slotted Nut 32-79 1 C.1912 Pin, Pivot, mounting Selector Lever in Pivot Jaw 32-80 1 C.1906 Bush, in Selector Lever for Pivot Jaw 32-81 2 C.1908 Washer, Thrust, at each side of Selector Lever 32-82 2 FN.407/L Nut, Slotted, securing Pivot Pin 32-84 1 FN.407/L Nut, Slotted, securing Pivot Pin 32-84 1 FN.407/L Nut, Slotted, securing Pivot Pin 32-85 1 C.6830 MAINSHAFT 33-1 1 C.6830 MAINSHAFT 33-1 1 C.7480 Sleeve, Synchronising Assembly 2nd Speed 33-2 1 Spring, in 2nd and 3rd/Top Synchro Sleeves 33-3 12 Synchro Sleeves Spring, in 2nd and 3rd/Top Synchro Sleeves 33-4 13 Synchro Sleeves Plunger in 2nd and 3rd/Top 33-5 3 Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.495° long) 33-5 3 C.901 Plunger, in 2nd Speed Synchro Sleeve (.495° long) 33-5 3 C.901/2 Plunger, in 2nd Speed Synchro Sleeve (.500° long) 33-5 3 C.24123 Gear, 2nd Speed Mainshaft 33-7 1 C.4123 Gear, 2nd Speed Mainshaft 33-8 1 C.1849 Roller, Needle, in 2nd and 3rd Speed Gears Plunger, in Mainshaft locking 2nd and 3rd Speed Gass Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471°/-472° thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.476'/-474' thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.475'/-474' thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.476'/-476' thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.476'/-676' thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.476'/-676' thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.476'/-676' thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears Gears (.475'/-476' thick)				1	
C.1906 C.1908 C.1908 Washer, Thrust, at each side of Selector Lever C.1929 Washer, Spring, between Thrust Washer and Pivot jaw 32-83 FN.407/L L.103/8U Pin, Slotted, securing Pivot Pin L.103/8U Pin, Split, securing Slotted Nut C.6830 MAINSHAFT C.7480 Sleeve, Synchronising Assembly 2nd Speed Spring, in 2nd and 3rd/Top Synchro Sleeves Synchro Sleeves Synchro Sleeves Synchro Sleeves C.901 Plunger, in 2nd Speed Synchro Sleeve (.490° long) Synchro Sleeves C.901/P Plunger, in 2nd Speed Synchro Sleeve (.490° long) C.2040 Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 2nd Speed Mainshaft Spring, under Plungers C.1820 C.1820 Roller, Needle, in 2nd and 3rd Speed Gears Spring, under Plungers Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/-472" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/-476" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/-476" thick) Sleeve, Synchronising Ard/Top Speeds Spring, in 3rd/Top Synchro Sleeve (.490° long) Sleeve, Synchronising Ard/Top Speeds Spring, under Plungers Gears (.475"/-476" thick) Sleeve, Synchronising Ard/Top Speeds Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Sleeve, Synchronising 3rd/Top Speeds Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Sleeve, Synchronising Ard/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Synchro Sleeve (.490° long) Spring, under Springs in 3rd/Top Speeds Spring, under Sp	L.103/8U	Pin, Split, securing Slotted Nut	32-79	i	
C.1908 C.1929 Washer, Thrust, at each side of Selector Lever Washer, Spring, between Thrust Washer and Pivot Jaw Nut, Slotted, securing Pivot Pin L.103/8U Pin, Split, securing Slotted Nut C.6830 MAINSHAFT 33 - 1 C.7480 Sleeve, Synchronising Assembly 2nd Speed C.990 Spring, in 2nd and 3rd/Top Synchro Sleeves Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490° long) Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490° long) C.901 Plunger, in 2nd Speed Synchro Sleeve (.490° long) C.901/2 Plunger, in 2nd Speed Synchro Sleeve (.490° long) C.4123 Gear, 1st Speed Mainshaft C.1850 Roller, Needle, in 2nd and 3rd Speed Gears C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gars C.1850 Roller, Needle, in 2nd and 3rd Speed Gears Spring, under Plungers C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed Masher, Thrust, front and rear of 2nd and 3rd Speed C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed C.2678/3 Plunger, in 3rd/Top Synchro Sleeve (.490° long) C.2678/3 Plunger, in 3rd/Top Synchro Sleeve (.490° long) C.2678/3 Plunger, in 3rd/Top Synchro Sleeve (.490° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long) C.2678/3 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.2600° long)				-	
C.1929					
L.103/8U Pin, Split, securing Slotted Nut 32_85 1 C.6830 MAINSHAFT 33-1 1 C.7480 Sleeve, Synchronising Assembly 2nd Speed 33-1 1 C.900 Spring, in 2nd and 3rd/Top Synchro Sleeves 33-3 12 Ball, at top of Springs and Plunger in 2nd and 3rd/Top 33-4 13 Synchro Sleeves C.901 Plunger, in 2nd Speed Synchro Sleeve (.490" long) 33-5 3 C.901/1 Plunger, in 2nd Speed Synchro Sleeve (.495" long) 33-5 3 C.2040 Gear, 1st Speed Mainshaft 33-6 1 C.4125 Gear, 2nd Speed Mainshaft 33-8 1 C.4123 Gear Assembly, 3rd Speed Mainshaft 33-8 1 C.1850 Roller, Needle, in 2nd and 3rd Speed Gears 33-9 82 C.1324 Spring, under Plungers 33-11 2 Spring, under Plungers 33-11 2 Gears (.471"/.472" thick) C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.475"/.474" thick) Sleeve, Synchronising 3rd/Top Speeds 33-14 3 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33-14 3 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33-14 3 Sleeve, Synchronising 3rd/Top Synchro Sleeve (.500" long) 33-14 3 Sleeve, Synchronising 3rd/Top Synchro Sleeve (.500" long) 33-14 3 Sleeve, Synchronising 3rd/Top Synchro Sleeve (.500" long) 33-14 3 Sleeve, Operating 3rd/Top Speeds 33-16 1 Shim under Springs in Synchro Sleeve (.500" thick) 33-17 As req'd		Washer, Spring, between Thrust Washer and Pivot Jaw	32-83	1	
C.7480					
C.900	C.6830	MAINSHAFT	33- 1	1	•
C.922 Ball, at top of Springs and Plunger in 2nd and 3rd/Top 33—4 Synchro Sleeves C.901 Plunger, in 2nd Speed Synchro Sleeve (.490" long) 33—5 C.901/1 Plunger, in 2nd Speed Synchro Sleeve (.495" long) 33—5 C.901/2 Plunger, in 2nd Speed Synchro Sleeve (.500" long) 33—5 C.2040 Gear, 1st Speed Mainshaft C.4125 Gear, 2nd Speed Mainshaft C.4123 Gear Assembly, 3rd Speed Mainshaft C.1850 Roller, Needle, in 2nd and 3rd Speed Gears C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33—12 C.2678/1 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33—14 C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33—14 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33—14 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33—14 Sall at top of Plungers in 3rd/Top Synchro Sleeve (.300" long) 33—14 Shim under Springs in Synchro Sleeves (.006" thick) 33—17 Shim under Springs in Synchro Sleeves (.006" thick) 33—17 Shim under Springs in Synchro Sleeves (.006" thick) 33—17 Shim under Springs in Synchro Sleeves (.006" thick) 33—17 Selective Sizes CHOOSE Plungers CHOOSE PLUNGERS OF DESIRED LENGTH. SELECTIVE SIZES CHOOSE WASHERS OF DESIRED LENGTH. SELECTIVE SIZES CHOOSE PLUNGERS C					
C.901/1 C.901/1 Plunger, in 2nd Speed Synchro Sleeve (.495" long) 33 5 3 C.901/2 Plunger, in 2nd Speed Synchro Sleeve (.500" long) 33 5 3 Plunger, in 2nd Speed Synchro Sleeve (.500" long) 33 5 3 C.2040 Gear, 1st Speed Mainshaft 33 6 1 C.4125 Gear, 2nd Speed Mainshaft 33 7 1 C.4123 Gear Assembly, 3rd Speed Mainshaft 33 8 1 C.1850 C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears 33 10 2 C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears 33 11 2 C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed 33 12 2 Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 Sleeve, Synchronising 3rd/Top Speeds C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33 14 3 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33 14 3 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33 14 3 C.901/2 Ball at top of Plungers in 3rd/Top Synchro Sleeve (.500" long) 33 15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33 16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33 17 As req'd	C.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top	33- 3 33- 4		
C.901/2 C.2040 Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft C.4123 Gear Assembly, 3rd Speed Mainshaft C.1850 C.1850 Roller, Needle, in 2nd and 3rd Speed Gears C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears C.1324 Spring, under Plungers C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 Sleeve, Synchronising 3rd/Top Speeds C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.490" long) C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) Ball at top of Plungers in 3rd/Top Speeds C.903 Shim under Springs in Synchro Sleeves (.006" thick) Shim under Springs in Synchro Sleeves (.006" thick) DESIRED LENGTH. 33 5 3 33 6 1 33 7 1 33 7 1 33 7 1 33 7 1 33 1 2 33 10 2 33 11 2 33 12 2 CHOOSE WASHERS OF DESIRED THICKNESS. SELECTIVE SIZES CHOOSE PLUNGERS OF DESIRED LENGTH. SIEGEVER, Operating 3rd/Top Speeds 33 15 3 14 3 15 3 15 3 15 3 16 3 17 3 17 3 17 3 18					
C.2040 C.4125 Gear, 1st Speed Mainshaft C.4125 Gear Assembly, 3rd Speed Mainshaft 33 7 1 C.4123 Gear Assembly, 3rd Speed Mainshaft 33 8 1 C.1850 Roller, Needle, in 2nd and 3rd Speed Gears 33 9 82 C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears 33 10 2 Spring, under Plungers 33 11 2 C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Sleeve, Synchronising 3rd/Top Speeds C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.495" long) Plunger, in 3rd/Top Synchro Sleeve (.500" long) Speeds C.901 Ball at top of Plungers in 3rd/Top Speeds Sleeve, Operating 3rd/Top Speeds Shim under Springs in Synchro Sleeves (.006" thick) Shim under Springs in Synchro Sleeves (.006" thick) Shim under Springs in Synchro Sleeves (.006" thick) Sieve, Operating 3rd/Top Speeds Shim under Springs in Synchro Sleeves (.006" thick)					
C.4123 Gear Assembly, 3rd Speed Mainshaft C.1850 Roller, Needle, in 2nd and 3rd Speed Gears C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears C.1324 Spring, under Plungers C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/1 Plunger, in 3rd/Top Speeds C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) C.901 Plunger, in 3rd/Top Synchro Sleeve (.495" long) C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.495" long) C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) C.901/2 Sleeve, Operating 3rd/Top Speeds C.903 Shim under Springs in Synchro Sleeves (.006" thick) Shim under Springs in Synchro Sleeves (.006" thick) 33-8 1 2 33-9 82 SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS. SELECTIVE SIZES CHOOSE PLUNGERS OF DESIRED LENGTH. As req'd		Gear, 1st Speed Mainshaft	33- 6	1	, =====================================
C.1850 Roller, Needle, in 2nd and 3rd Speed Gears 33–9 82 C.1849 Plunger, in Mainshaft locking 2nd and 3rd Speed Gears 33–10 2 C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) C.2678/3 C.2678/3 Plunger, in 3rd/Top Speeds C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.495" long) C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) C.901/2 Ball at top of Plungers in 3rd/Top Speeds C.902 Sleeve, Operating 3rd/Top Speeds Sleeve, Operating 3rd/Top Speeds Sleeves (.006" thick) Shim under Springs in Synchro Sleeves (.006" thick) 33–17 33–10 2 33–10 2 SELECTIVE SIZES CHOOSE PLUNGERS OF DESIRED LENGTH. CHOOSE PLUNGERS OF DESIRED LENGTH. C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33–17 As req'd					
C.1324 Spring, under Plungers 33–11 2 C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed 33–12 2 Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed 33–12 2 Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33–12 2 Gears (.475"/.476" thick) C.4122 Sleeve, Synchronising 3rd/Top Speeds 33–13 1 C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33–14 3 C.901 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33–14 3 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33–14 3 C.901/2 Ball at top of Plungers in 3rd/Top Speeds 33–15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33–16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33–17 As req'd	C.1850	Roller, Needle, in 2nd and 3rd Speed Gears			
C.2678/1 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.471"/.472" thick) C.2678/2 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.475"/.476" thick) C.4122 Sleeve, Synchronising 3rd/Top Speeds 33-13 1 C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33-14 3 C.901 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33-14 3 C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-14 3 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-15 2 C.902 Ball at top of Plungers in 3rd/Top Speeds 33-15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33-16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33-17 As req'd					
Gears (.473"/.474" thick) C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.475"/.476" thick) C.4122 Sleeve, Synchronising 3rd/Top Speeds 33-13 1 C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33-14 3 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33-14 3 C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-14 3 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33-15 2 Sleeve, Operating 3rd/Top Speeds 33-16 1 Shim under Springs in Synchro Sleeves (.006" thick) 33-17 As reg'd		Washer, Thrust, front and rear of 2nd and 3rd Speed			٦
C.2678/3 Washer, Thrust, front and rear of 2nd and 3rd Speed 33-12 2 Gears (.475"/.476" thick) C.4122 Sleeve, Synchronising 3rd/Top Speeds C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33-14 3 C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33-14 3 C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-14 3 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33-15 2 C.922 Ball at top of Plungers in 3rd/Top Synchro Sleeve 33-15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33-16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33-17 As req'd	C.2678/2	Washer, Thrust, front and rear of 2nd and 3rd Speed	33~12	2	CHOOSE WASHERS OF
C.4122	C.2678/3	Washer, Thrust, front and rear of 2nd and 3rd Speed	33–12	2	DESIRED IMICRNESS.
C.901 Plunger, in 3rd/Top Synchro Sleeve (.490" long) 33–14 3 SELECTIVE SIZES C.901/1 Plunger, in 3rd/Top Synchro Sleeve (.495" long) 33–14 3 CHOOSE PLUNGERS OF C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33–14 3 DESIRED LENGTH. C.922 Ball at top of Plungers in 3rd/Top Synchro Sleeve 33–15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33–16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33–17 As req'd		Sleeve, Synchronising 3rd/Top Speeds			,
C.901/2 Plunger, in 3rd/Top Synchro Sleeve (.500" long) 33–14 3 DESIRED LENGTH. C.922 Ball at top of Plungers in 3rd/Top Synchro Sleeve 33–15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33–16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33–17 As req'd				3	SELECTIVE SIZES
C.922 Ball at top of Plungers in 3rd/Top Synchro Sleeve 33–15 2 C.4049/1 Sleeve, Operating 3rd/Top Speeds 33–16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33–17 As req'd					
C.4049/1 Sleeve, Operating 3rd/Top Speeds 33-16 1 C.903 Shim under Springs in Synchro Sleeves (.006" thick) 33-17 As req'd	C.922				, DESIRED LENGIA.
		Sleeve, Operating 3rd/Top Speeds	33-16	. 1	•
C.914 Shim under Springs in Synchro Sleeves (.028" thick) 33–17 As req'd	C.903 C.914				

GEARBOX

(CLOSE RATIO GROUND GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.9252	CONSTANT PINION SHAFT ASSEMBLY	33–18	1	
C.1843	Bearing, Roller, inside Constant Pinion Shaft	33-19	1	
C.2121	Thrower, Oil, on Constant Pinion Shaft	33-20	1	
C.1836/1	Circlip, for Constant Pinion Shaft	33-21	1	
C.2109 C.2110	Washer, for Constant Pinion Shaft	33-22	1	
C.2111 C.2111	Shirm, for Constant Pinion Shaft Shirm, for Constant Pinion Shaft	33-23 33-24		
		JJ-21	710 104 0	
C.2070	REVERSE SPINDLE	33-25	1	
C.2044/2		22.26		
C.1893	Gear, Reverse Assembly (complete with Bush) Lever, operating Reverse Gear	33-26 33-27	1	
C.1899	Pin, Fulcrum, for Operating Lever	33-28	i	
C.777	Nut, Slotted, securing Fulcrum Pin	33-29	i	
FW.106/T	Washer, Plain, under Slotted Nut	33–30	1	
L.103/8U	Pin, Split, retaining Slotted Nut	33–31	2	
C.866	Slipper, Reverse	33–32	1	
C.4284	Ring, Sealing, on Reverse Spindle	33–33	•	
C.1856	COUNTERSHAFT	33–34	1	
C.2041	Gear, 1st Speed Countershaft	33-35	1	
C.1864	Ring, Retaining at rear of Needle Rollers	33-36	ż	
C.918	Roller, Needle	33-37	58	•
C.1861	Washer, Thrust, Inner Assembly, at rear of Counter adjacent to Needle Rollers	33–38	1	
C,1862	Washer, Thrust, Outer, at rear of Counter (.156" thick)	3339	1 .	1
C.1862/1	Washer, Thrust, Outer, at rear of Counter (.159" thick)	33-39	i	SELECTIVE SIZES
C.1862/2	Washer, Thrust, Outer, at rear of Counter (.162" thick)	33-39	1	CHOOSE WASHER OF
C.1862/3	Washer, Thrust, Outer, at rear of Counter (.152" thick)	33–39	1	DESIRED THICKNESS.
C.1862/4	Washer, Thrust, Outer, at rear of Counter (.164" thick)	33-39	1 .	J
C.2043	Ring, Retaining, at outer end of Front Needle Rollers	33-40	1	
C.8835 C.1859	Washer, Thrust, Inner, at front end of Counter Washer, Thrust, Outer Assembly, at front end of	33 -4 1 33-42	1	
	Counter Wheel Constant	33-43	1	
~ 6074	Wheel, Constant	33 -4 3	1	
C.5826 C 2046	Gear 3rd Speed Countershoft			
C.2046	Gear, 3rd Speed Countershaft Gear, 2nd Speed Countershaft	33-45	1	
	Gear, 2nd Speed Countershaft		1 2 halves	
C.2046 C.2047		33-45 33-46	•	

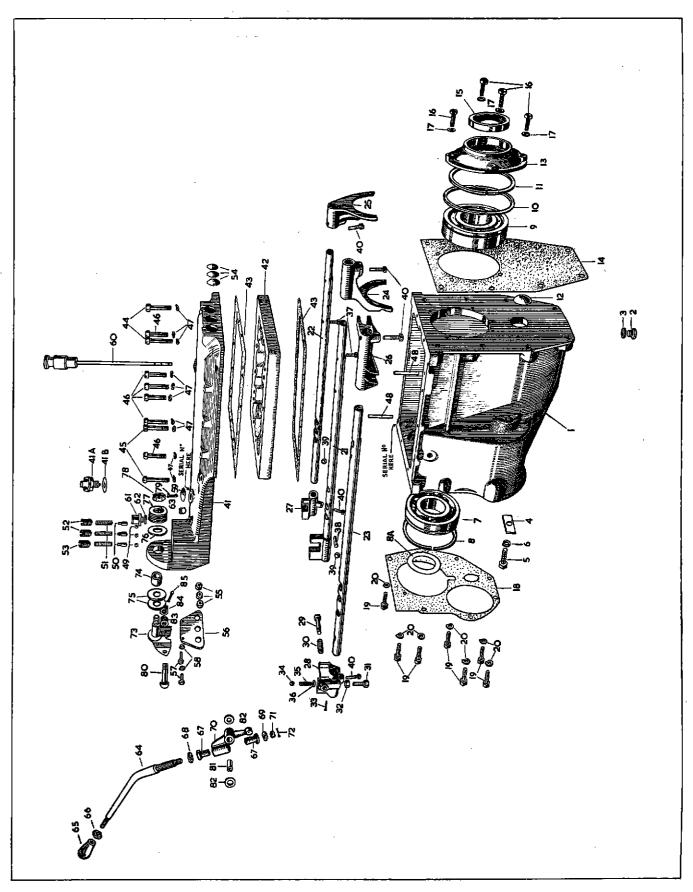


PLATE 32

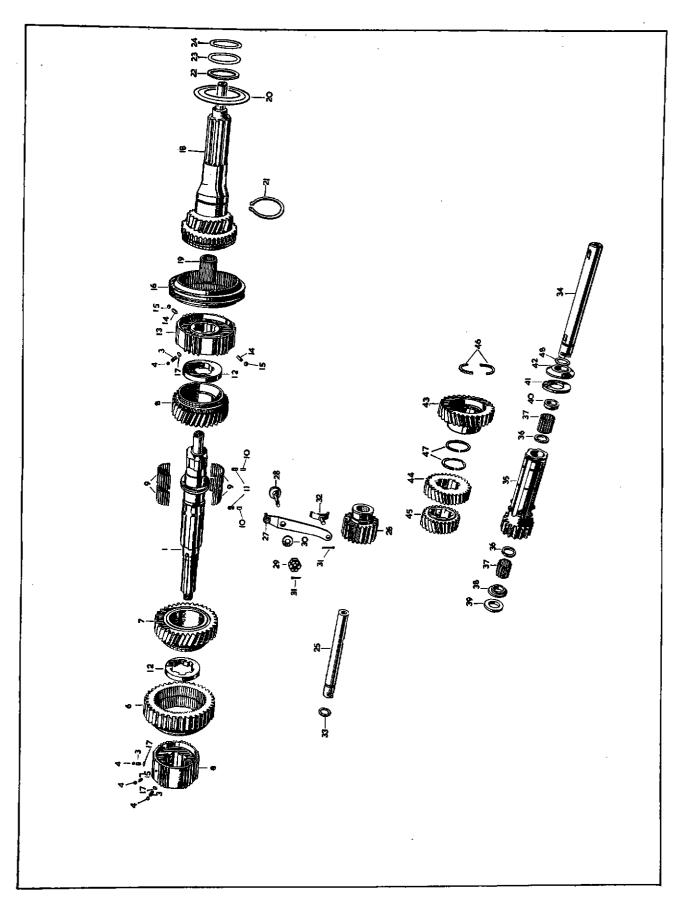


PLATE 33

GEARBOX

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.17702	GEARBOX ASSEMBLY COMPLETE		1	NOTE.—This Gearbox may be identified by the prefix letters "JLS" and suffix letters "JS" to the Serial number on the Gearbox.
C.9815	GEARBOX CASE	34 1	1	
C.799 C.799 C.785	Plug, Oil Drain, at bottom of Case Plug, Oil Level, at side of Case Washer (Fibre) on Plugs	34- 2 34- 2 34- 3	1 1 2	
C.857 FS.205/5D FG.105/X C.18455 C.18455 C.8458/1 C.8458/2 C.8458/3 C.1838 C.1838 C.1841 C.1840 C.920	Plate, locking Counter and Reverse Shafts Screw, Set, securing Locking Plate Washer, Spring, on Setscrew Ball Bearing for Mainshaft (Hoff.MS.12½K) Circlip, securing Mainshaft Bearing Shim for Mainshaft Bearing (.002" thick) Shim for Mainshaft Bearing (.003" thick) Shim for Mainshaft Bearing (.004" thick) Ball Bearing for Constant Pinion Shaft (Hoff.340K) Collar, between Casing and Circlip Circlip, on Bearing, behind Collar Washer (Fibre) in Casing, at front end of Countershaft	34- 4 34- 5 34- 6 7 34- 8 34-8 34-8 34-9 34-10 34-11 34-12	1 1 1 1 1 As req'd As req'd As req'd 1 1 1	
C.11931	FRONT END COVER	34–13	1	
C.1834 C.11934 C.359 FW.105/E C.837	Gasket, between Front End Cover and Gearbox Case Seal, Oil, in Front End Cover Screw, Set, securing Front End Cover to Gearbox Case Washer (Copper) on Setscrews Wire, locking Setscrews	34-14 34-15 34-16 34-17	1 1 4 4 As req'd	•
C.1866 FS.105/9D FG.105/X	Gasket, between Overdrive Unit and Gearbox Case Screw, Set, securing Overdrive Unit to Gearbox Washer, Spring, on Setscrews	34-18 34-19 34-20	1 7 7	
·	STRIKING GEAR			
C.907 C.6879 C.7358 C.6849 C.6848 C.6850 C.7639 C.1910 C.1909 C.2022 AS.102/4D AN.102/L L.103/7U C.902 C.900 C.914 C.882 C.882 C.874 C.923 C.844 C.837	Striking Rod 1st/2nd Gears Striking Rod 3rd/Top Gears Striking Rod Reverse Gear Change-Speed Fork 1st/2nd Gears Change-Speed Fork 3rd/Top Gears Change-Speed Fork Reverse Gear Selector 3rd/Top Gears Selector Reverse Gear Plunger, for Reverse Selector Spring, for Plunger Screw, Set, in Reverse Selector Nut, locking Setscrew in position Pin, Split, securing Plunger in Reverse Selector Ball, locking Flunger Spring, under Ball Shim, under Spring Stop Pin on 1st/2nd and 3rd/Top Striking Rods Roller for Interlock (in 1st/2nd Striking Rod) Ball for Interlock (in 3rd/Top and Reverse Striking Rods) Screw, Set, (Taper) securing Forks and Selectors Wire locking Taper Screws and Stop Pins	34-21 34-22 34-23 34-24 34-26 34-27 34-38 34-30 34-31 34-32 34-33 34-35 34-37 34-38 34-39 34-40	1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 5 As req'd	

GEARBOX

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks	
6255	REMOTE CONTROL, COMPLETE (SD.1031)		1		
	(COMPRISING TOP COVER, STRIKING RODS, FORKS, SELECTORS, CHANGE-SPEED LEVER, ETC.)			•	

C.6878	TOP COVER	3 4_4 1	1
C.1083	Switch for Top Cover, operating Reversing Light, and Top Gear for Overdrive Unit (Lucas 31077/B)	34-41A	2
C.4531	Gasket, for Switches	34-41B	2
C.6851	Packing between Top Cover and Gearbox Case	34-42	1
C.860	Gasket at each side of Packing	34-43	2
FB.105/24D	Bolt, securing Top Cover to Gearbox Case	34-44	2 1 2 2 2 6
FB.105/23D	Bolt , securing Top Cover to Gearbox Case	3 4_4 5	2
FB.105/21D	Bolt, securing Top Cover to Gearbox Case	3 4-4 6	6
FG.105/X	Washer, Spring, on Bolts	34-47	10
OD.105/14H	Dowel, positioning Top Cover to Casing	3 4-4 8	2.
C.1319	Ball, engaging Striking Rods	34-49	3
C.13334	Plunger for Striking Rods	34-50	3
C.845	Spring, at top of Plungers	34-51	2 3 3 3 2
C.849	Grub Screw, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	34–52	2
C.884	Grub Screw, applying tension to Plunger for Reverse Striking Rod	34–53	1
C.837	Wire, locking Grub Screws		As reg'd
C.873	Plug, in front end of Top Cover	34-54	3
C.929	Washer (Felt) in rear end of Top Cover	34-55	3
C.880	Plate, retaining Felt Washers	34-56	1
FS.104/3D	Screw, Set, securing Retaining Plate	34-57	2
FG.104/X	Washer, Spring, on Setscrews	34-58	2
C.315	Core Plug, on Top of Cover	34-59	1
C.6853	Dipstick Assembly	34-60	1
C.841	Breather at top of Cover	34-61	1
C.930	Washer (Fibre) for Breather	34-62	1
C.927	Plug, in side of Cover for Insertion of Interlock Balls	3 4-6 3	1

C.2462	CHANGE-SPEED LEVER	1	}	Fitted from Chassis No. 830001 to 830015 827007 827007 to 837319 824001 to 824239
C.2291	Knob for Change-Speed Lever	1		834001 to 835253

GEARBOX (SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.14218	CHANGE-SPEED LEVER	34-64	1	Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs. 835254 and subs.
C.16154	Knob for Change-Speed Lever	34–65	1	J 33325 F 2110 3253.
C.1928	Nut, locking Knob to Change-Speed Lever	34-66	1	
C.1915	Flexible Bearing, housing Change-Speed Lever in Sel-	34-67	2	
C.1919 C.1904 C.1918	ector Lever Washer, at top of Flexible Bearing Washer, at bottom of Flexible Bearing Selector Lever, housing Change-Speed Lever	34-68 34-69	1 1 1	Fitted from Chassis No. 830001 to 830015
C.14217	Selector Lever, housing Change-Speed Lever	34–70	1	827001 to 827007 837001 to 827319 824001 to 824239 834001 to 835253 Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs. 835254 and subs.
FN.405/L	Nut, Slotted, securing Change-Speed Lever in Selector	34_71	1	object and subs.
103/8U	Lever Split Pin, securing Slotted Nut	34-72	1	•
.14470	Pivot Jaw, for Selector Lever	34-73	1	
1.1907	Bush for Pivot Jaw	34-74 34-75	1 2	
2.1894 2.1914	Thrust Washer on Pivot Jaw Locking Washer on Pivot Jaw	34-76	1	
.1905	Washer, Spring, on Pivot Jaw	34-77	i	
N.407/L	Nut, Slotted, securing Pivot Jaw	34-78	1	
103/8U	Split Pin, securing Slotted Nut	3479	1	
.1912	Pivot Pin, mounting Selector Lever in Pivot Jaw	3 4_8 0	1	
C.1906	Bush, in Selector Lever for Plyot Jaw	34-81		
2.1908	Thrust Washer, at each side of Selector Lever	34-82	2 1	
C.1929 N.407/L	Washer, Spring, between Thrust Washer and Pivot Jaw Nut, Slotted, securing Pivot Pin	34-83 34-84	i	
.103/8U	Split Pin, securing Slotted Nut	34–85	i	
C.6830	MAINSHAFT	35~ 1	1	
C.10209	Synchronising Sleeve Assembly, 2nd Speed	35 2	1	
2.900	Spring, In 2nd and 3rd/Top Synchro Sleeves	35- 3	12	
			4.5	
C.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves	35– 4	13	
.901	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long)	35- 5	1	SELECTIVE SIZES
.901 .901/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long)	35 5 35 5	1	CHOOSE PLUNGER OF
.901 .901/1 .901/2	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long)	35 5 35 5 35 5	1 1 1	
.901 .901/1 .901/2 .10201	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft	35- 5 35- 5 35- 5 35- 6	1 1 1	CHOOSE PLUNGER OF
.901 .901/1 .901/2 .10201 .10202 .10203	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long)	35- 5 35- 5 35- 5 35- 6 35- 7 35- 8	1 1 1 1	CHOOSE PLUNGER OF
.901 .901/1 .901/2 .10201 .10202 .10203 .1850	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9	1 1 1 1 1 1 82	CHOOSE PLUNGER OF
:.901 :.901/1 :.901/2 :.10201 :.10202 :.10203 :.1850 :.1849	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9 35-10	1 1 1 1 1 1 82 2	CHOOSE PLUNGER OF
.901 .901 /1 .901 /2 .10201 .10202 .10203 .1850 .1849 .1324	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9 35-10 35-11	1 1 1 1 1 82 2 2	CHOOSE PLUNGER OF
1.901 1.901/1 1.901/2 1.10201 1.10202 1.10203 1.1850 1.1849 1.1324 1.10206/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9 35-10 35-11 35-12	1 1 1 1 1 82 2 2 2	SELECTIVE SIZES
0.901 0.901/1 0.901/2 0.10201 0.10202 0.10203 0.1850 0.1849 0.1324 0.10206/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9 35-10 35-11 35-12	1 1 1 1 1 1 82 2 2 2 2	CHOOSE PLUNGER OF DESIRED LENGTH
0.901 0.901/1 0.901/2 0.10201 0.10202 0.10203 0.1850 0.1849 0.1324 0.10206/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	35- 5 35- 5 35- 6 35- 7 35- 8 35- 9 35-10 35-11 35-12	1 1 1 1 1 1 1 82 2 2 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF
0.901 0.901/1 0.901/2 0.10201 0.10203 0.1850 0.1849 0.1324 0.10206/1 0.10206/2 0.10206/3	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds	35-5 35-5 35-6 35-7 35-8 35-9 35-11 35-12 35-12 35-12	1 1 1 1 1 82 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS
901 901/1 901/2 10201 10202 10203 1850 1849 1324 10206/1 10206/2	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.476" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds Plunger, in 3rd/Top Synchro Sleeve (.490" long)	35-5 35-5 35-6 35-6 35-7 35-8 35-10 35-12 35-12 35-12 35-12	1 1 1 1 1 82 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS SELECTIVE SIZES
1.901 1.901/1 1.901/2 1.10201 1.10202 1.10203 1.1850 1.1849 1.1324 1.10206/1 1.10206/2 1.10206/3 1.10208 1.901 1.901/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.476" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.495" long)	35-5 35-5 35-6 35-6 35-7 35-8 35-10 35-11 35-12 35-12 35-12 35-12 35-13 35-14 35-14	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS SELECTIVE SIZES CHOOSE PLUNGER OF
901 901/1 901/2 10201 10202 10203 1850 1849 1324 10206/1 10206/2 10206/3 10208 901/1	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.495" long) Plunger, in 3rd/Top Synchro Sleeve (.500" long)	35-5 35-5 35-6 35-7 35-8 35-10 35-12 35-12 35-12 35-12 35-13 35-14 35-14	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS SELECTIVE SIZES
0.901 0.901/1 0.901/2 0.10201 0.10202 0.1850 0.1849 0.1324 0.10206/2 0.10206/3 0.10208 0.901 0.901/1 0.901/2 0.902	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.500" long) Ball, at top of Plungers in 3rd/Top Synchro Sleeve	35-5 35-5 35-6 35-6 35-7 35-10 35-12 35-12 35-12 35-12 35-12 35-14 35-14 35-14 35-14 35-14	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS SELECTIVE SIZES CHOOSE PLUNGER OF
C.922 C.901 C.901/1 C.901/2 C.10201 C.10202 C.10203 C.1850 C.1849 C.1324 C.10206/1 C.10206/2 C.10208 C.901/1 C.901/1 C.901/2 C.902 C.4049/1 C.903	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves Plunger, in 2nd Speed Synchro Sleeve (.490" long) Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long) Gear, 1st Speed Mainshaft Gear, 2nd Speed Mainshaft Gear, 3rd Speed Mainshaft Needle Roller, in 2nd and 3rd Speed Gears Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plungers Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick) Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds Plunger, in 3rd/Top Synchro Sleeve (.490" long) Plunger, in 3rd/Top Synchro Sleeve (.495" long) Plunger, in 3rd/Top Synchro Sleeve (.500" long)	35-5 35-5 35-6 35-7 35-8 35-10 35-12 35-12 35-12 35-12 35-13 35-14 35-14	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS SELECTIVE SIZES CHOOSE PLUNGER OF

GEARBOX

(SHAVED GEARS)

			(4-1-	iii D OLANO)
Part No.	Description	Plate No.	No. per Unit	r Remarks
C.10200	CONSTANT PINION SHAFT	35–18	1	
C.1843 C.2121 C.11932 C.11933	Roller Bearing, inside Constant Pinion Shaft Oil Thrower, on Constant Pinion Shaft Nut, locking Bearing Tab Washer, for Nut	35–19 35–20 35–21 35–22	1 1 2 1	
C.2070	REVERSE SPINDLE	35–23	1	
C.10205/1 C.1893 C.1899 C.777 FW.106/T L.103/8U C.866 C.4284	Reverse Gear (complete with Bush) Lever, operating Reverse Gear Fulcrum Pin, for Operating Lever Nut, Slotted, securing Fulcrum Pin Washer, Plain, under Slotted Nut Split Pin, retaining Slotted Nut and Reverse Slipper Reverse Slipper Sealing Ring, on Reverse Spindle	35-24 35-25 35-26 35-27 35-28 35-29 35-30 35-31	1 1 1 1 1 2 1	
C.1856	COUNTERSHAFT	35–32.	1	
C.10284	GEAR UNIT (CLUSTER)	35–33	1	· ·
C.1864 C.918	Retaining Ring, at rear of Needle Rollers Needle Roller	35–34 35–35	2 58	
C.1861 C.1862 C.1862/1 C.1862/2 C.1862/3 C.1862/4 C.10210 C.8835 C.1859	Thrust Washer, Inner Assembly, at rear of Counter adjacent to Needle Rollers Thrust Washer, Outer, at rear of Counter (.156" thick) Thrust Washer, Outer, at rear of Counter (.159" thick) Thrust Washer, Outer, at rear of Counter (.162" thick) Thrust Washer, Outer, at rear of Counter (.152" thick) Thrust Washer, Outer, at rear of Counter (.164" thick) Spacer for Needle Rollers Thrust Washer, Inner, at front end of Counter Thrust Washer, Outer Assembly, at front end of Counter	35–36 35–37 35–37 35–37 35–37 35–38 35–39	1 1 1 1 1 1 1 1 1 1	SELECTIVE SIZES CHOOSE WASHER OF DESIRED THICKNESS
C.4285	Counter Sealing Ring on Countershaft	3541	1	

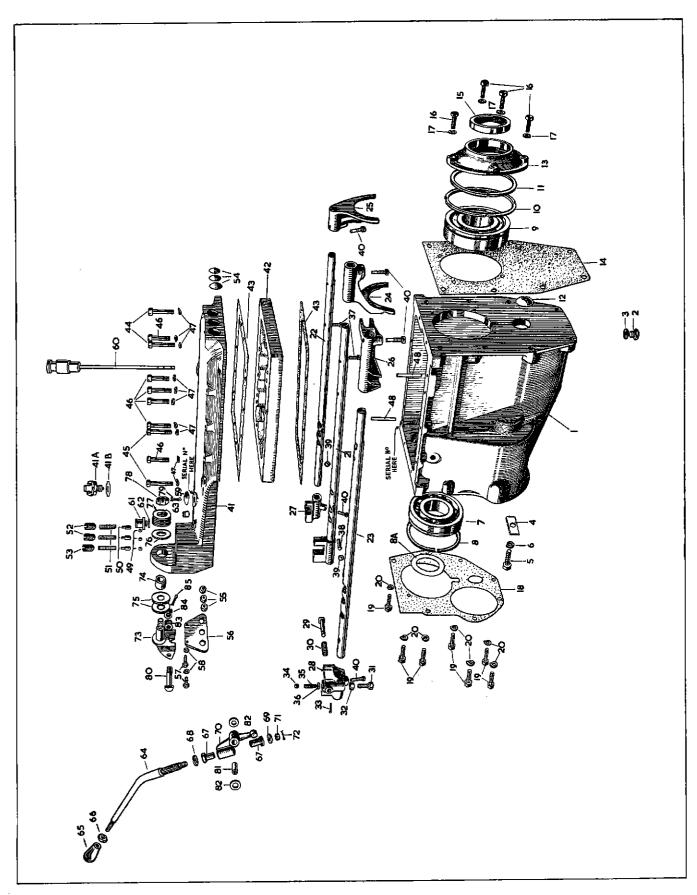


PLATE 34

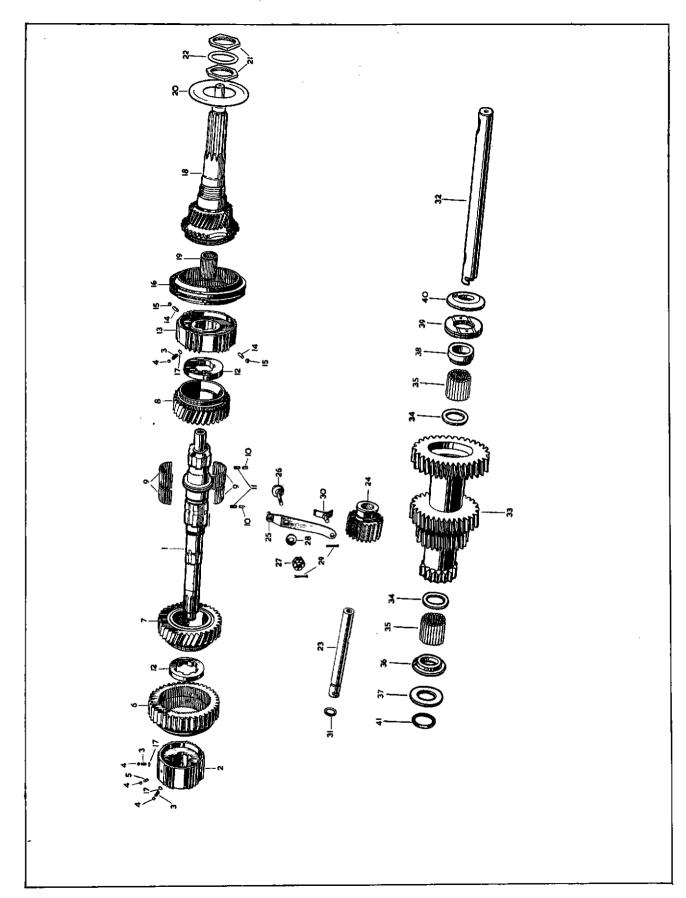


PLATE 35

MANUALLY OPERATED OVERDRIVE UNIT

GEARBOX

(SHAVED GEARS)

FITTED TO XK.150 'S' MODELS AND SUPPLIED TO SPECIAL ORDERS FOR XK.150 MODELS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.17704	GEARBOX ASSEMBLY		1	NOTE.—This Gearbox may be identified by the prefix letters "JLS" and suffix letters "JS" to the Serial number stamped on the Gearbox.
C.9815	GEARBOX CASE	36- 1	1	
C.799 C.799 C.785	Plug, Oil Drain, at bottom of Case Plug, Oil Level, at side of Case Washer (Fibre) on Plugs	36- 2 36- 2 36- 3	1 1 2	
C.857 FS.205/5D FG.105/X C.1845 C.1855 C.8458/1 C.8458/2 C.8458/3 C.1838 C.1841 C.1840 C.920	Plate, locking Counter and Reverse Shafts Screw, Set, securing Locking Plate Washer, Spring, on Setscrews Ball Bearing for Mainshaft (Hoff.MS.12½K) Circlip, securing Mainshaft Bearing Shim, for Mainshaft Rear Bearing (.002" thick) Shim, for Mainshaft Rear Bearing (.003" thick) Shim, for Mainshaft Rear Bearing (.004" thick) Shim, for Mainshaft Rear Bearing (.004" thick) Ball Bearing, for Constant Pinion Shaft (Hoff.340K) Collar, between Casing and Circlip Circlip, on Bearing behind Collar Washer (Fibre) in Casing at front end of Countershaft	36- 4 36- 5 36- 6 36- 7 36- 8 36- 9 36- 9 36-10 36-11 36-12 36-13	1 1 1 1 1 As req'd As req'd 1 1 1	
C.11931	FRONT END COVER	36–14	1	
C.1834 C.11934 C.359 FW.105/E C.837	Gasket, between Front Cover and Casing Seal, Oil, in Front End Cover Screw, Set, securing Front End Cover to Case Washer (Copper) on Setscrews Wire, locking Setscrews	36–15 36–16 36–17 36–18	1 1 4 4 As req'd	
C.1866	Gasket, between Gearbox Case and Overdrive Extension	36–19	1	
FS.105/9D FG.105/X	Screw, Set, securing Oyerdrive Unit to Gearbox Case Washer, Spring, on Setscrews	36–20 36–21	7 7	
	STRIKING GEAR		1	
C.907 C.6879 C.7358 C.6849 C.6848 C.6850 C.844 C.837 C.14776 C.1910 C.1909 C.2022 L.103/7U C.922 C.900 C.914 AS.102/4D AN.102/L C.882 C.874 C.923	Striking Rod, 1st/2nd Gears Striking Rod, 3rd/Top Gears Striking Rod, Reverse Gear Change-Speed Fork, 1st/2nd Gears Change-Speed Fork, 3rd/Top Gears Change-Speed Fork, Reverse Gear Screw, Set, (Taper) securing Forks and Selectors Wire, locking Taper Screws and Stop Pins Change-Speed Selector Assembly, 3rd/Top Gears Change-Speed Selector, Reverse Gear Plunger, in Reverse Selector Spring, for Plunger Split Pin, securing Plunger in Reverse Selector Ball, in Reverse Selector Spring, under Ball Shim, under Spring Screw, Set, in Reverse Selector, adjusting tension on Spring Nut, locking Setscrew in position Stop Pin, on 1st/2nd and 3rd/Top Striking Rods Roller, for Interlock (in 1st/2nd Striking Rod) Ball, for Interlock (in 3rd/Top and Reverse Striking Rods)	36-22 36-23 36-24 36-25 36-26 36-27 36-30 36-31 36-32 36-33 36-34 36-35 36-37 36-38 36-39 36-40	1 1 1 1 1 5 As req'd 1 1 1 1 1 1 1 1 2 1	

MANUALLY OPERATED OVERDRIVE UNIT

GEARBOX

(SHAVED GEARS)

FITTED TO XK.150 'S' MODELS AND SUPPLIED TO SPECIAL ORDERS FOR XK.150 MODELS

FITTED TO	XK.150 'S' MODELS AND SUPPLIED	то	SPECIAL	ORDERS	FOR	XK.150	MODELS
Part No.	Description	Plate No.	No. per Unit	Rema	ırks		
8380	REMOTE CONTROL, COMPLETE (SD.1106)		1				
·	(COMPRISING TOP COVER, STRIKING RODS, FORKS, SELECTORS, CHANGE-SPEED LEVER, ETC.)		·				
C.6878	TOP COVER	36 -4 1	1				
C.6851 C.860	Packing under Gearbox Top Cover Gasket, at each side of Packing	36-42 36-43					
C.1083 C.4531	Switch, for Top Cover operating Reversing Light Gasket for Switch	36-44 36-45					
FB.105/24D FB.105/23D FB.105/21D FG.105/X	Bolt, securing Top Cover to Gearbox Case Bolt, securing Top Cover to Gearbox Case Bolt, securing Top Cover to Gearbox Case Washer, Spring, on Setscrews		2 2 6 10				
OD.105/14H	Dowel, positioning Top Cover to Gearbox	36-46	2				
C.11334 C.1319 C.845 C.849	Plunger, for Striking Rods Ball, engaging Striking Rods Spring for Plunger Grub Screw, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	36-47 36-48 36-49 36-50	3 3		٠		
C.884	Grub Screw, applying tension to Plunger for Reverse Striking Rod	36–51	1				
C.837 C.873 C.929 C.880 FS.104/3D	Wire, locking Grub Screws Plug, in front end of Top Cover Washer (Felt) in rear end of Top Cover Plate, retaining Felt Washers Screw, Set, securing Retaining Plate	36–52 36–53 36–54	3				
FG.104/X C.315 C.841 C.930 C.7379 C.2296/1	Washer, Spring, on Setscrews Core Plug, on top of Cover Breather, at top of Cover Washer (Fibre) for Breather Plug, on Top Cover Washer, for Plug	36-55 36-56 36-57 36-58 36-59	1 1 1				
C.6853	DIPSTICK COMPLETE	36–60	1				
C.14218	CHANGE-SPEED LEVER	36 <u></u> 61	1				
C.16154 C.1928	Knob, for Change-Speed Lever Nut, locking Knob to Change-Speed Lever	36-62 36-63	-				
C.1915	Flexible Bearing, housing Change-Speed Lever in Sel-	3664	2				
C.1919 C.1904 C.14217 FN.405/L	ector Lever Washer, at top of Flexible Bearing Washer, at bottom of Flexible Bearing Selector Lever, housing Change-Speed Lever Nut, Slotted, securing Change-Speed Lever in Selector	36-65 36-66 36-67	1				
L.103/8U	Lever Split Pin, securing Slotted Nut		1				

MANUALLY OPERATED OVERDRIVE UNIT

GEARBOX

(SHAVED GEARS)

FITTED TO XK.150 'S' MODELS AND SUPPLIED TO SPECIAL ORDERS FOR XK.150 MODELS

Part No.	Description	Plate No.	No. per Unit	Remarks	
C 1 4 1 7 0	Biret law for Colorton Loyer	36–68	1		
C.14470	Pivot Jaw, for Selector Lever Bush, for Pivot Jaw	36-69	1		
C.1907	Thrust Washer, on Pivot Jaw	36-70	ż		
C.1894 C.1914	Locking Washer, on Pivot Jaw	36-71	ī		
C.1914 C.1905	Washer, Spring, on Pivot Jaw	36-72	i		
FN,407/L	Nut, Slotted, securing Pivot Jaw		1		
L,103/8U	Split Pin, securing Slotted Nut		i		
C.1912	Pivot Pin, mounting Selector Lever in Pivot Jaw	36-73	1		
C.1906	Bush, in Selector Lever, for Pivot Jaw	36-74	1		
C.1908	Thrust Washer, at each side of Selector Lever	36-75	2		
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	36-76	1		
FN.407/L	Nut, Slotted, securing Pivot Pin		1		
L.103/8U	Split Pin, securing Slotted Nut		1		

C.14788	MANUAL OVERDRIVE OPERATING LEVER ASSEMBLY	36-77	1
C.14773	Operating Lever Pivot for manual operation of Over-	36–78	1
C.14781	drive Unit Tab Washer, for Pivot	36–79	1
FW.106/T BD.1708/2 L.103/6U	Washer, on Pivot, retaining D.C. Spring Washer Washer, D.C. Spring, on Pivot Split Pin, securing Operating Lever to Pivot	,	1 1 1
C.14785	Washer (Special) on 3rd/Top Selector adjacent to	3680	1
FW.104/T BD.1708/5 L.102/5U	Operating Cam Plate Washer, Plain, retaining D.C. Spring Washer Washer, D.C. Spring, on 3rd/Top Selector Split Pin, securing Operating Lever to Selector		2 1 1
C.14816 C.14805	Knob, on Overdrive Operating Lever Nut, locking Knob to Lever	36-81 36-82	1
C.15746 C.725	Toggle Spring Stay on Overdrive Unit Extension Washer, Shakeproof, under Nuts, securing Stay to Overdrive Extension	36-83	1 2
C.2022 C.14811 J.104/10S FW.104/T L.103/5U	Toggle Spring Carrier for Spring Clevis Pin, securing Carrier to Operating Lever Washer, Plain, on Clevis Pin Split Pin, retaining Clevis Pin	36–84 36–85 36–86 36–87	1 1 1 1
C.14779	Link Rod, between Selector Lever and Manual Oper-	36–88	1
FW.104/T C.13824	ating Lever Washer, Plain, on Link Rod Clip, securing Link Rod to Selector Lever and Operating Lever	36–89 36–90	2

GEARBOX

(SHAVED GEARS)

FITTED TO XK.150 'S' MODELS AND SUPPLIED TO SPECIAL ORDERS FOR XK.150 MODELS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.6830	MAINSHAFT	37- 1	1	
C.10209	Synchronising Sleeve Assembly, 2nd Speed	37- 2		
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	37- 2 37- 3	1 12	
.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top	37 4	15	
004	Synchro Sleeves			
:.901 :.901/1	Plunger, in 2nd Speed Synchro Sleeve (.490° long)	37- 5	•	SELECTIVE SIZES
.901/2	Plunger, in 2nd Speed Synchro Sleeve (.495" long) Plunger, in 2nd Speed Synchro Sleeve (.500" long)	37- 5 37- 5	3 3	CHOOSE PLUNGER OF
.10201	Gear, 1st Speed Mainshaft	37- 6	1	DESIRED LENGTH.
.10202	Gear, 2nd Speed Mainshaft	37- 7	i	
.10203	Gear, 3rd Speed Mainshaft	37- 8	1	·
.1850 .1849	Needle Roller, in 2nd and 3rd Speed Gears	37- 9	82	
1324	Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears Spring, under Plunger	37–10 37–11	2	
10206/1	Thrust Washer, front and rear of 2nd and 3rd Speed	37-11	. 2 2	5
, -	Gears (.471"/.472" thick)	37-1Z	-	SELECTIVE SIZES
10206/2	Thrust Washer, front and rear of 2nd and 3rd Speed	37-12	2	CHOOSE WASHER OF
(000//2	Gears (.473"/.474" thick)			DESIRED THICKNESS.
10206/3	Thrust Washer, front and rear of 2nd and 3rd Speed	37–12	2	
10208	Gears (.475"/.476" thick) Synchronising Sleeve, 3rd/Top Speeds	27 43	4	J
01	Plunger, in 3rd/Top Synchro Sleeve (.490" long)	37-13 37-14	1 3) SELECTIVE SIZES
01/1	Plunger, in 3rd/Top Synchro Sleeve (.495" long)	37-14	3	CHOOSE PLUNGER OF
01/2	Plunger, in 3rd/Top Synchro Sleeve (.500" long)	37-14	3	DESIRED LENGTH.
22	Ball, at top of Plungers in 3rd/Top Synchro Sleeves	37–15	2	
049/1 03	Operating Sleeve, 3rd/Top Speeds	37–16	. 1	
14	Shim, under Springs in Synchro Sleeves (.006" thick) Shim, under Springs in Synchro Sleeves (.028" thick)	37–17 37–17	As reg'd As reg'd	
10200	CONSTANT PINION SHAFT	37–18	1	
1843	Roller Bearing inside Constant Pinion Shaft	37-19	1	
2121	Oil Thrower, on Constant Pinion Shaft	37-20	i	
1932 1933	Nut, locking Front Bearing	37-21	2	
1733	Tab Washer, under Nut	37–22	1	
2070	REVERSE SPINDLE	37–23	1	
10205/1	Reverse Gear (complete with Bush)	37–24	1	
1893	Lever, operating Reverse Gear	37–2 4 37–25	1	
899	Fulcrum Pin, for Operating Lever	37-26	i	
77 404 /T	Nut, Slotted, securing Fulcrum Pin	37–27	1	
.106/T)3/8U	Washer, Plain, under Slotted Nut	37-28	1	
66 66	Split Pin, retaining Slotted Nut and Reverse Slipper Reverse Slipper	37–29 37–30	2 1	•
284	Sealing Ring, on Reverse Spindle	37-30 37-31	i	•
1856	·			

GEARBOX

(SHAVED GEARS) FITTED TO XK.150 'S' MODELS AND SUPPLIED TO SPECIAL ORDERS FOR XK.150 MODELS

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.10204	GEAR UNIT (CLUSTER) ON COUNTERSHAFT	37–33	1		
C.918	Needle Roller, inside Gear Unit	37-34	58		
C.1864	Ring, retaining Needle Roller	3735	2		
C.10210	Spacer, for Needle Rollers	37-36	1		
C.8835	Thrust Washer, Inner, at front of Countershaft	37-37	1		
C.1859	Thrust Washer, Outer Assembly, at front of Counter- shaft	37–38	1		
C.1861	Thrust Washer, Inner Assembly, at rear of Counter- shaft	37–39	1		
C.1862	Thrust Washer, Outer, at rear of Countershaft (.156" thick)	37–40	As reg'd		
C.1862/1	Thrust Washer, Outer, at rear of Countershaft (.159" thick)	37–40	As req'd		
C.1862/2	Thrust Washer, Outer, at rear of Countershaft (.162" thick)	37-40	As req'd		
C.1862/3	Thrust Washer, Outer, at rear of Countershaft (.152" thick)	37–40	As req'd		
C.1862/4	Thrust Washer, Outer, at rear of Countershaft (.164" thick)	37–40	As req'd		
C.4285	Sealing Ring (Cord) for Countershaft	3741	1		

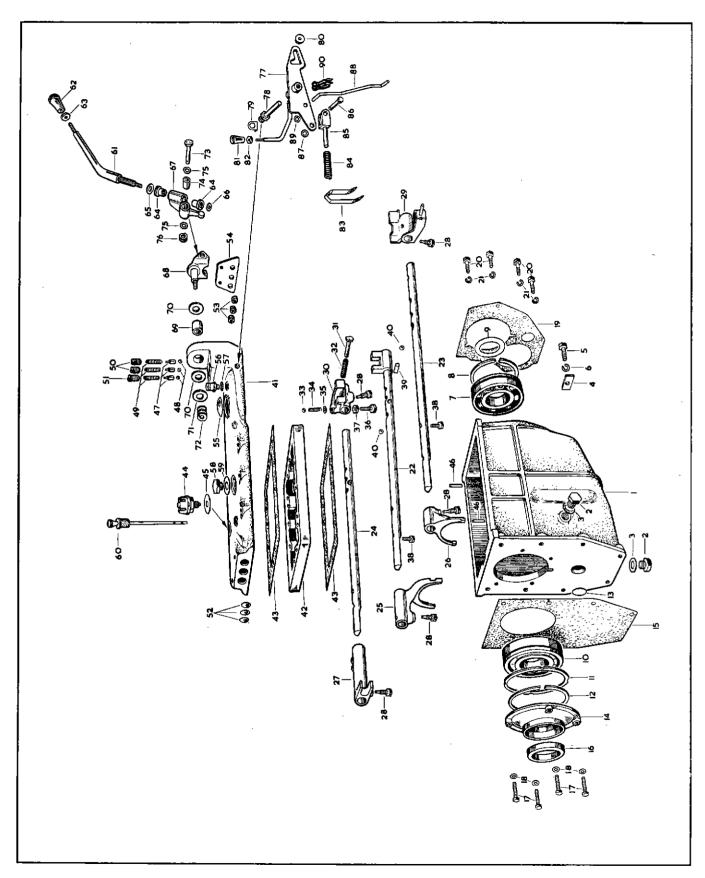


PLATE 36

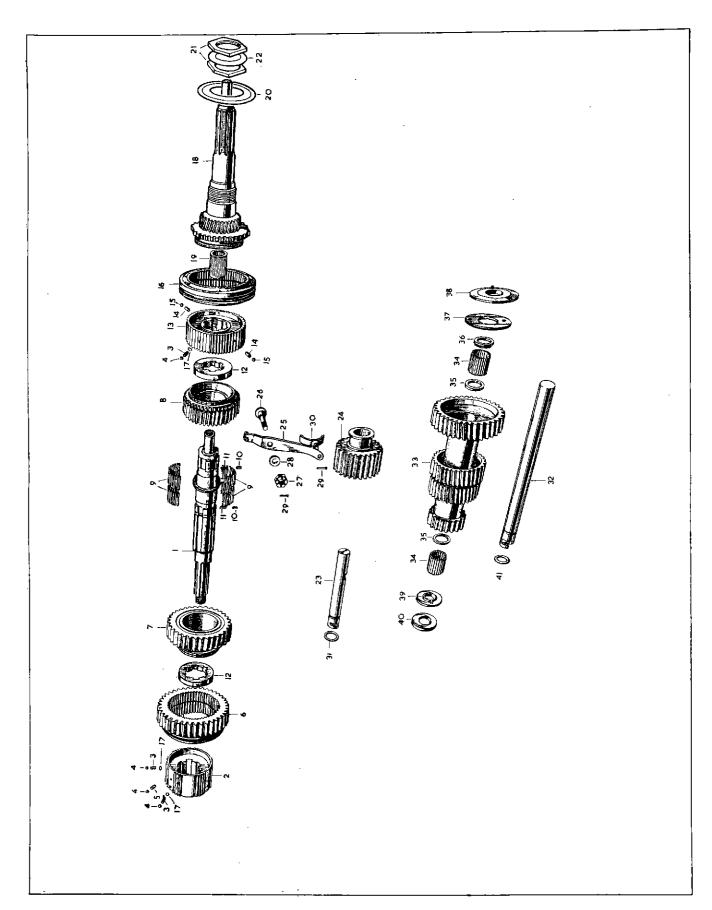


PLATE 37

Part No.	Description	Plate No.	No. per Unit	Remarks
7336	ROD ASSEMBLY, ACTUATING PARK- ING BRAKE, FROM SELECTOR CONTROL SHAFT TO TOGGLE ARM LEVER (J.20-6443)	38– 8	1	
6772 6753	Swivel at bottom of Rod (J.20-645) Nut (JGM.219701)	38- 9 38-10	1 1	
3749	INNER SERVO PISTON ASSEMBLY (J.20-622)	38–11	3	
			,	
5463	OUTER SERVO PISTON ASSEMBLY (J.20-605/A)	38–12	2	
3703	Seal for Inner and Outer Servo Piston (J.20-512)	38-13	5	
6449	PLATE ASSEMBLY FOR REVERSE	3814	1	
625	SERVO CYLINDER (J.20-519/B) 'O' Ring, $\frac{1}{2}$ " $\times \frac{1}{16}$ " $\times \frac{3}{32}$ ", on Reverse Cylinder Plate	3R_15	1	
450	(J.20-120) 2 7 16 × 32 7 5 16 16 16 16 16 16 16 16 16 16 16 16 16	38–16	1	
447	Gasket at rear of Plate (j.20-518/A)	38–17	i	
828	REVERSE SERVO CYLINDER (J.20-517/D)	38–18	1	
847	Bolt , $\frac{5}{16}$ × 3", and Lockwasher Assembly, securing Servo		2	i i
850	Cylinder to Case (J.20-1011) Bolt , $\frac{3}{6}$ " × 3", and internal Lockwasher Assembly,		1 .	
775	securing Servo Cylinder to Case (J.20-1055) Bolt , 5, 4, and Lockwasher Assembly, securing Servo		2	
845	Cylinder to Case (J.20-1010) Bolt , $\frac{1}{5}e'' \times 1e''$, and Lockwasher Assembly, securing Servo Cylinder to Case (J.20-1006)		1	
5702 3742	Plug, for testing pressure on Reverse Band (J.20-1103) Washer (Copper) on Plug (J.20-594)	38–19 38–20	3 3	
761	Plug, for testing pressure in Converter (JGM.444571)	38-21	1	

Part No.	Description	Plate No.	No. per Unit	Remarks
7362	SERVO CYLINDER FOR LOW AND FORWARD LOCK-UP BANDS (J.20-525/C)	38-22	1	
6845	Bolt, 5"×1", and Lockwasher Assembly securing Servo		9	·
5702	Cylinder to Transmission Case (J.20-1006) Plug, in Servo Cylinder, for testing pressures on Low	38–23	2	
3742	and Forward Bands (J.20-1103) Washer (Copper) on Plugs (J.20-594)	38–24	2	
5712	PLATE ASSEMBLY FOR LOW BAND SERVO CYLINDER (J.20-5272)	38–25	1	•
3625	'O' Ring, $\frac{1}{2}$ " $\times \frac{11}{16}$ " $\times \frac{3}{32}$ ", between Plate and Piston	38–26	2	
5452 6684	(J.20-120) Gasket, between Plate and Servo Cylinder (J.20-526/A) Gasket, between Plate and Transmission Case (J.20-5291)		1	
3738	BRAKE BAND ASSEMBLY FOR LOW AND FORWARD GEARS (J.20-581/A) (COMPLETE WITH LININGS)	38–29	2	
6869	BRAKE BAND ASSEMBLY FOR REVERSE GEAR (J.20-588/A) (COMPLETE WITH LININGS)	38–30	1	
3705	Strut for operation of Brake Bands (J.20-514)	38-31		
7528 5453	Screw, adjusting Low Band (J.20-5242) Screw, adjusting Forward and Reverse Bands (J.20-	38-32 38-33	1 2	
5910	531/A) Nut, locking Adjusting Screws (JGM.122295)	38–34	3	
E404	ERONT DIME AND COLLECTOR	39– 1	1	
5406	FRONT PUMP AND COLLECTOR RING ASSEMBLY (J.20-105/A)	J/- 1		
3622 3627	Collector Ring Assembly (J.20-108/B) Front Pump Assembly (J.20-149)		1 1	
3624	'O' Ring, Collector Ring and Pump Body $(5\frac{1}{2}^n \times 5\frac{3}{4}^n)$ (J.20-119)		1	
3625	'O' Ring, on centre of Collector Ring $(\frac{1}{2}" \times \frac{1}{16}" \times \frac{3}{32}")$ (J.20-120)	39 3	1	

Part No.	Description	Plate No.	No. per Unit	Remarks
5437	FREE WHEEL UNIT AND LOCK-UP BRAKE DRUM PLATE ASSEMBLY FOR REVERSE GEAR (J.20-395/D)		1	
5438 3662	Free Wheel Unit, Short (j.20-398/D) Lock-up Plate Assembly (j.20-367/B)	39 <u>–44</u> 39 <u>–4</u> 5	1 1	
3665	Roller, positioning Brake Drum Plate in Centre Lock-up	39-46	2	
3654	Drum (J.20-373) Snap Ring, securing Brake Drum Plate in centre Lock-up Drum (J.20-350)	39 -4 7	1	
5436	FREE WHEEL UNIT AND FORWARD BRAKE DRUM ASSEMBLY FOR FORWARD GEARS (J.20-3942)		1	
7530 5433 3667	Free Wheel Unit, Medium (j.20-3891) Forward Brake Drum (j.20-378/B) Snap Ring, internal, securing Free Wheel Unit (j.20-376)	39-48 39-49 39-50	1 1 1	
5711 3694 3667	Spacer, behind Medium Free Wheel Unit (J.20-3751) Drive Pin, retaining Spacer (J.20-411) Snap Ring, securing Spacer (J.20-376)	39–51 39–52 39–53	1 1 1	
3672	Bearing, on Mainshaft, behind Free Wheel Unit (J.20-383)	39–54	1	
3673 3671 3693 3674 3675 3676	Snap Ring, on Mainshaft Bearing (J.20-384) Spacer, behind Mainshaft Bearing (J.20-382) Gear, on Mainshaft, for Parking Brake (J.20-410) Spacer, between Parking Gear and Bearing (J.20-385) Gear, on Mainshaft, for Governor Drive (J.20-386) Spacer, behind Governor Drive Gear (J.20-387)	39–55 39–56 39–57 39–58 39–59 39–60	1 1 1 1 1	
C.6867	UNIVERSAL JOINT COMPANION FLANGE (J.20-093/A)	39–61	1	
5439 5926	Washer for Flange (J.20-399/A) Nut, Self Locking, securing Companion Flange (JGM. 272672)	39-62 39-63	1 1	
7366	VALVE BLOCK ASSEMBLY, COMPLETE (J.20-54056)		1	
6686 6687	Manifold Plate Assembly (J.20-5412) Base Plate Assembly (J.20-5461)	<i>4</i> 0 1	1	
5565	Gasket, between Base Plate and Manifold Plate (J.20-548/A)	40– 1 40– 2	1	
6870 6564	Relief Valve Body Assembly (J.20-612/A) Gasket, under Relief Valve Body (J.20-551/A)	40_ 3	1 1	
915	Ball, 3" diameter, for Relief Valve (JGM.147500)	40- 4	2	
7532 5566 5851	Body Assembly, for Converter Valve (J.20-5609) Gasket, for Converter Valve Body (J.20-5733) Bolt, ¼" × 2¾", and Lockwasher Assembly, for Assembly of Valve Block (J.20-1057)	40- 5	1 1 8	
	· · · · · · · · · · · · · · · · · · ·			
5757	Bolt, 5"×11", securing Valve Block to Transmission		5	
5757 '804	Bolt, 15"×11", securing Valve Block to Transmission Case (JGM.106326) Bolt, 15"×11", securing Valve Block to Transmission Case (JGM.179825)		5 2	

Part No.	Description	Plate No.	No. per Unit	Remarks
6686	MANIFOLD PLATE ASSEMBLY (J.20-5412)	40 6	1	
3721 5914	Spring, Selector Valve Detent (J.20-544) Ball, 4" diameter, for Selector Valve (JGM.147485)	40- 7 40- 8	1	
6870	RELIEF VALVE BODY ASSEMBLY (J.20-612/A)	40- 9	1	
6680	Retainer for Anti-Bump Valve Plug (J.20-570/A)	40-10	1	
6868 6682	Stop for Main Relief Valve (J.20-567/A) Retainer for Accumulator Spring (J.20-667)	40–11 40–12	1	
3732	Retainer for Reverse Interlock Spring (J.20-570)	40–13	1	
7532	CONVERTER VALVE BODY ASSEMBLY (J.20-5609)	40 –14	1	
6777	Body only for Converter Valve (J.20-5613)	40.45	1	
6754 6779	Converter Shuttle Valve, Direct (J.20-6381) Converter Shuttle Valve, Reverse (J.20-6411)	40–15 40–16		
6999 6681	Sleeve for Converter Shuttle Valve (J.20-6431) Retainer for Shuttle Valve Sleeve (J.20-617/A)	40-17 40-18		
6688	OIL FILTER ASSEMBLY (J.20-5571)	4 0–19	1	
6873 6977	Retainer for Oil Filter (J.20-558/B) Screw and Lockwasher Assembly, securing Retainer (JGM.420913)	40-20	1.	
5 4 62	OIL SUMP (J.20-578/A)	40 –21	1	
3737	Plug in Oil Sump Drain Hole (j.20-580)	40-22		
3741 3736	Washer, on Plug (J.20-592) Gasket, between Oil Sump and Transmission Case	40-23 40-24		
	(J.20-579)			
6757	Bolt , $\frac{1}{2}$ " $\times \frac{1}{2}$ ", securing Oil Sump to Transmission Case (JGM.106324)		14	
5908	Lockwasher on Bolts (JGM.103320)		14	

Part No.	Description	Plate No.	No. per Unit	Remarks
7401	EXTENSION CASE ASSEMBLY, COMPLETE (J.20-7016)	·	1	
7371 3625	Extension Case Assembly (J.20-7049) O' Ring, on Bush for Governor Adjusting Shaft	41- 1 41- 2	1	
5469	(J.20-120) Pawl, Second Speed Drive (J.20-719/A)	41- 3	1	
3764 3765	Washer, for Control Link and Pawl (J.20-720) Rocker Arm for Governor Control (J.20-721)	41-4	2	
3767	Washer, behind Rocker Arm (1,20-723)	41- 5	1	
5688 3768	Stop for Governor (J.20-722/A) Distance Piece behind Stop Plate (J.20-724)	41- 6	1	
3769	Spring, operating Governor Control Rocker Arm	41- 7	1	
3808	(J.20-725) Shaft and Lever Assembly for Governor Adjustment (J.20-836)	41- B	1	
3770 3772	Lever, Governor Adjusting (1.20-728)	41- 9	1	
3771	Finger for Governor Adjusting Lever (J.20-736) Return Spring for Governor Adjusting Lever (J.20-	41-10 41-11	2 1	
7339	735) Valve and Fork Assembly for Governor Control		1	
3774	(J.20-7902) Detent Piston, for Governor Control Valve (J.20-	4 1–13	1 .	
5699	744) Screw, $\frac{1}{4}$ × $\frac{5}{9}$, and Lockwasher Assembly, securing Retaining Plate and Governor Fork (J.20-1091)		1	
3796	Plunger, in Extension, operating Accelerator Detent (J.20-791)	41-14	1	
3797	Spring, tensioning Plunger (J.20-792)	41-15	1	
3798	Gasket, between Extension and Transmission Case (J.20-793)	41–16	1	
3762	Oil Seal at end of Extension Case (J.20-716)	41-17	1	
5715	DETENT CAM, CONTROL LINK AND PLUNGER ASSEMBLY, OPERATING KICK-DOWN CONTROL (J.20-8301)	4 1–18	1	
6798	Key, Woodruff, $\frac{1}{2}$ diameter $\times \frac{1}{16}$, positioning Control	41–19	1	
6889	Shaft to Detent Cam (JGM.106958) Screw, Set (Allen Head) No. $10 \times \frac{3}{4}$ ", preventing withdrawal of Shaft from Cam (JGM.140879)		1	
3771 37 9 3	Return Spring for Detent Cam (J.20-735) Screw, Set, $\frac{1}{4}$ "×1 $\frac{1}{4}$ ", for Kick-down Adjustment (J.20-	41–11 41–21	1 1	
6752	787) Washer (Copper) on Setscrew (JGM.446195)	41-22	1	
3794 5954	Nut, Stop, for Setscrew (J.20-788) Nut, Dome, for Setscrew (JGM.441263)	41–23 41–24	1	
3787	GOVERNOR ASSEMBLY (J.20-775)	41-25	1	
3788 3782 3789	Bearing, on Governor Shaft (J.20-778) Washer (Fibre) on Governor Shaft (J.20-767) Snap Ring, retaining Bearing and Washer on Shaft (J.20-779)		1 1 2	
3785 5714 C.7843/1	Shaft, carrying Governor Assembly (J.20-773/A) Return Spring on Governor Shaft (J.20-7843) Distance Piece on Governor Shaft, for rectification of Upshift Speeds (16 long)	41–26 41–27 41–28	1 1 As req'd	
C.7843/2	Distance Piece on Governor Shaft, for rectification of	41–28	As req'd	SELECTIVE SIZES CHOOSE
C.7843/3	Upshift Speeds $(\frac{3}{32}^{\prime\prime}$ long) Distance Piece on Governor Shaft, for rectification of Upshift Speeds $(\frac{1}{32}^{\prime\prime}$ long)	41–28	As req'd	REQUIRED LENGTH.

Part No.	Description	Plate No.	No. per Unit	Remarks
3799	PAWL AND TOGGLE ASSEMBLY OPERATING PARKING DEVICE (J.20-800)	41–29	1	
7535 7536 3802	Pivot Pin for Pawl (J.20-8081) Shaft, supporting Parking Brake (J.20-8051) Ring, retaining Shaft in Extension (J.20-807)	41–30 41–31 41–32	1 1 1	
3805	INTERLOCK PISTON ASSEMBLY FOR PARKING BRAKE (J.20-810)	41-33	1	
3806	Spring for Parking Brake Interlock Piston (J.20-813)	41–34	1	
3783	HOUSING FOR SPEEDOMETER DRIVE GEAR (J.20-770)	41–35	1	
3786 3792 3791	Gasket, between Housing and Extension (J.20-774) Cover for Housing (J.20-786) Gasket, between Housing and Cover (J.20-785)	41-36 41-37 41-38	1 1	
C.11915 5696	Stop Plate, restricting Reverse Gear Öperating Lever Bolt, 5.7 × 27, and Lockwasher Assembly, securing Housing and Stop Plate (J.20-1009)	41–39	1 2	
3784	SPEEDOMETER DRIVE GEAR (J.20-772/A)	4 1–40	1	
7180	REAR PUMP ASSEMBLY (J.20-7503)		1	
C.12644	Body only for Rear Pump (J.20-7512)	41-41	1	
5690 5691	Driving Gear and Shaft Assembly (J.20-755) Idler Gear Assembly (J.20-758)	41-42 41-43	. 1 1	
C.12645 3779	Gasket (.002" thick) under Cover (Coloured Red)	41 <u>-44</u> 41-45)
3780	(].20-761) Gasket (.003" thick) under Cover (Coloured Green) or Clear) (J.20-761/A)	41–4 5	1	
3778	Gasket (.005" thick) under Cover (Coloured Blue) (1.20-761/B)		1	SELECTIVE RANGE FOR CLEAR- ANCE BETWEEN COVER AND
3776	Gasket (.006" thick) under Cover (Coloured Grey)	41-45	1	GEARS.
3777	(j.20-761/C) Gasket (.008" thick) under Cover (Coloured Grey) (j.20-761/D)			
5695	Bolt, 4"×4", and Lockwasher Assembly, securing Cover to Pump Body ().20-1000)		2	
5693 6756	Governor Driven Gear (J.20-765) Pin, securing Governor Driven Gear (JGM.103723)	41-46 41-47		
C.12755 6775	Gasket, between Rear Pump and Extension (j.20-7662) Bolt, 36" × 24", and Lockwasher Assembly, securing Rear	41-48	1 3	
7341 NB.125/8D	Pump to Extension (J.20-1010) Plug in Rear Pump Cover (JGM.444732) Bolt, securing Cover to Rear Pump		1 2	

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.6942	SPEEDOMETER DRIVEN GEAR (J.20-901)	41 -4 9	1		
C.12652	GUIDE TUBE AND BELLOWS ASSEMBLY FOR INTERMEDIATE SPEED HOLD	41~50	1		
C.12633 C.12634	Ferrule at end of Guide Tube Washer behind Ferrule	41–51 41–52	1 1		
C.12635 AG.102/X	Connecting Pin for Guide Tube Washer, Spring, behind Connecting Pin	41-53	1		
C.12637	OUTER TUBE FOR INTERMEDIATE SPEED HOLD	41–54	1		
C.12640	SEAL FOR OUTER TUBE	41–55	3		
C.12638	SPRING BEHIND GUIDE TUBE	4 1–56	1		
C.12639	Seat for Spring	41~57	1		
C.12713	BRACKET, MOUNTING SOLENOID FOR INTERMEDIATE SPEED HOLD	41–58	1		

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.12740	SOLENOID FOR INTERMEDIATE SPEED HOLD	4159	1		
UFS.319/3H AG.102/X	Screw, Set, securing Solenoid Washer, Spring, on Setscrew		2 2		
UFN.225/L	Locknut, for adjustment of Solenoid Plunger	41–60	1		
CB.131/20D	Bolt, for fixing of Solenoid Mounting Bracket and Rear Pump Cover		1		
C.12753	Bolt (Countersunk Allen head) for fixing of Solenoid Mounting Bracket and Rear Pump Cover		1		
6767	COMPLETE KIT OF SEALS FOR USE		1		
	WHEN OVERHAULING TRANS- MISSION UNIT				
7476	GASKET SET FOR USE WHEN OVER-		1		
7770	HAULING TRANSMISSION UNIT		•		

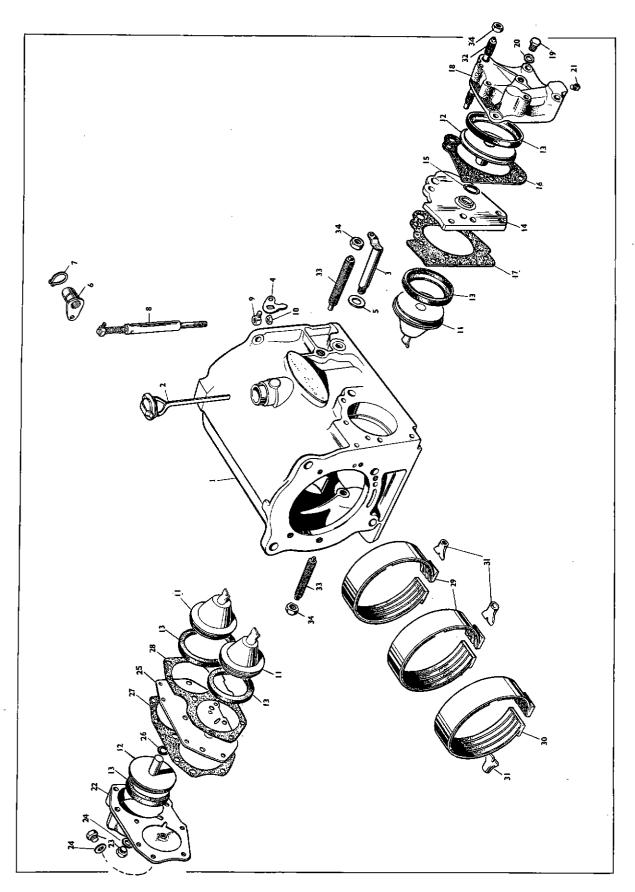


PLATE 38

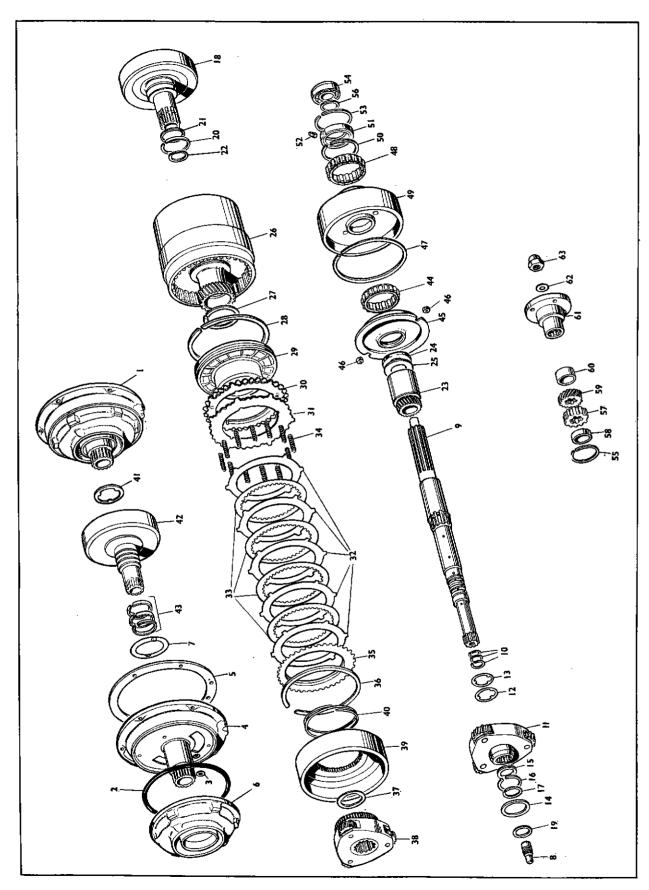


PLATE 39

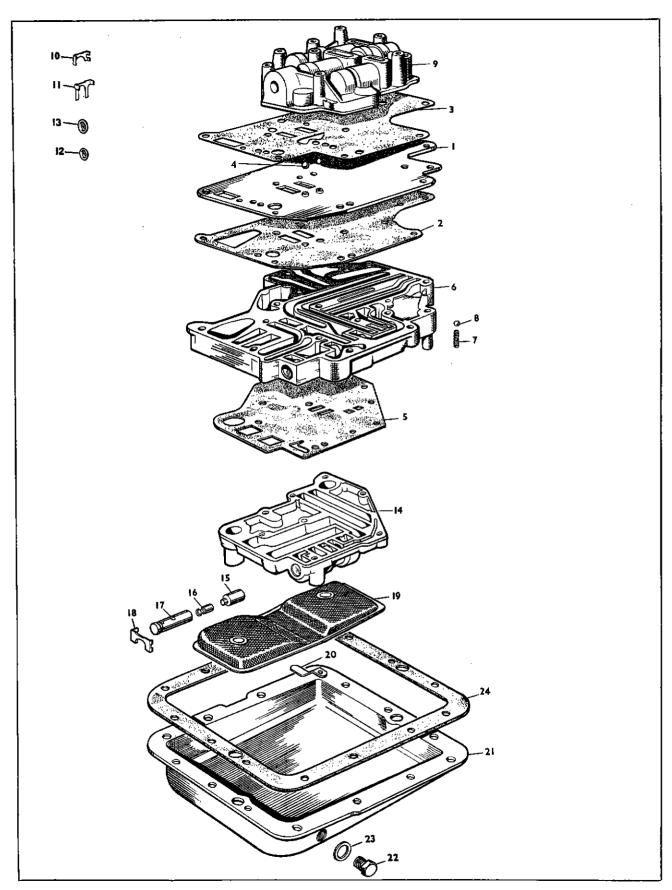


PLATE 40

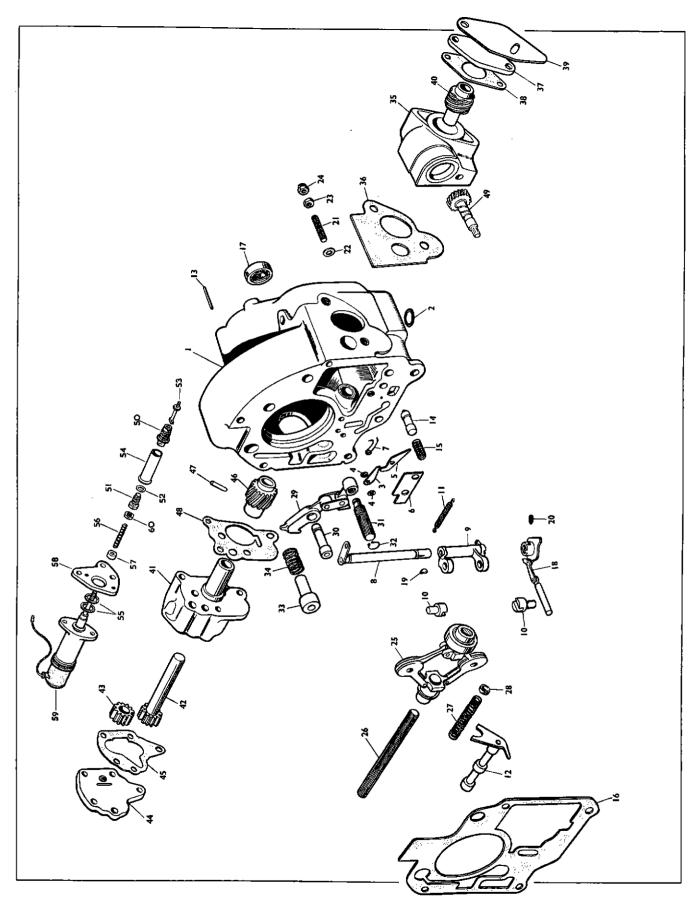


PLATE 41

AUTOMATIC TRANSMISSION

MOUNTING DETAILS

C.12553 CONVERTER HOUSING 1 C.6866 Stud, in top of Housing, for fixing of Housing to Transmission Assembly Nuts, securing Converter Housing to Transmission Assembly Nuts, securing Converter Housing to Transmission 4 N.137/32D Solt, securing Converter Housing to Transmission 4 N.137/32D Solt, securing Converter Housing 9 Washer, Shakeproof, on Bolts 9 C.7239 Stoneguard, over apertures in sides of Converter 2 C.7319 Converter Housing 9 Washer, Shakeproof, on Bolts 9 Stoneguard, over apertures in sides of Converter 2 C.7319 Converter Housing 9 Washer, Stoneguards 4 Screw, Set Fixing Stoneguards 4 Screw, Set Fixing Stoneguards 4 C.723/A Washer, Plain, on Setscrews 4 C.4796 SUPPORT BRACKET, L.H. 1 NB.137/10D NN.137/L NB.137/10D NN.137/L NB.137/10D Not on Bolts 4 Washer, Spring, under Nuts 4 NB.137/10D Nut on Bolts 4 Washer, Spring, under Nuts 6 Nut on Bolts Washer, Spring, under Nuts 6 C.6863 COVER AT BOTTOM OF CONVERTER 1 C.6864 COVER AT FRONT OF CONVERTER 1 C.6874 COVER AT FRONT OF CONVERTER 1 C.6874 COVER AT FRONT OF CONVERTER 1 C.6874 COVER AT FRONT OF CONVERTER 1	Part No.	Description	Plate No.	No. per Unit	Remarks
NN.543 L Nut, securing Converter Housing to Transmission	C.12553	CONVERTER HOUSING		1	
NN.543	C.6866			2	
C.727	NN.543/L	Nut, securing Converter Housing to Transmission		4	
C.739 Support Bracket, R.H. 1 C.4796 Support Bracket, R.H. 1 RB.131/10D Bolt, securing Support Brackets 4 Nut. on Bolts 4 FG.105/X Washer, Spring, under Nuts 4 RB.137/13D Bolt, securing Support Brackets 6 NN.137/L PG.105/X Washer, Spring, under Nuts 6 C.6863 Cover At Bottom Of Converter 1 HOUSING C.724 Cover At Front of Converter 6 C.6874 Cover At Front of Converter 1 HOUSING 1 HOUSING 1 C.6874 Cover At Front Of Converter 1 HOUSING		Washer, Shakeproof, under Nuts			
C.774 Clip, securing Sconeguards Screws, Sci, fixing Stoneguards 4 Washer, Piain, on Setscrews 4 Washer, Shakeproof, on Setscrews 4 C.7723/A Washer, Piain, on Setscrews 4 C.7723/A Washer, Shakeproof, on Setscrews 4 C.7723/A Washer, Shakeproof, on Setscrews 4 C.7724 Washer, Shakeproof, on Setscrews 5 C.7724 C.7724 Screws, Screws, Screws, Screws, Shakeproof, on Setscrews 6 C.7724 C.6874	C.726	Washer, Shakeproof, on Bolts Stoneguard, over apertures in sides of Converter		9	
C.4795 SUPPORT BRACKET, R.H. 1 C.4796 SUPPORT BRACKET, L.H. 1 NB.131/10D NN.131/L FG.105/X Washer, Spring, under Nuts NN.137/L FG.106/X Washer, Spring, under Nuts 6 C.6863 COVER AT BOTTOM OF CONVERTER 1 HOUSING COVER AT FRONT OF CONVERTER 1 HOUSING 1 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING 1 C.4796 SUPPORT BRACKET, L.H. 1 1 1 1 1 1 1 1 1 1 1 1 1		Clip, securing Stoneguards		4 4	
C.4795 SUPPORT BRACKET, R.H. 1 C.4796 SUPPORT BRACKET, L.H. 1 NB.131/10D NN.131/L FG.105/X Washer, Spring, under Nuts 4 NN.137/L Bolt, securing Support Brackets 4 NN.137/L Washer, Spring, under Nuts 4 NN.137/L Bolt, securing Support Brackets 4 Nut, on Bolts 6 Nut, on Bolts 7 Nut, on Bolts 6 Nut, on Bolts 6 Nut, on Bolts 7 Nut, on Bol	AW.102/T	Washer, Plain, on Setscrews		4	
C.4796 SUPPORT BRACKET, L.H. 1 NB.131/10D NJ.131/L Bolt, securing Support Brackets 4 Nut on Bolts 4 FG.105/X Washer, Spring, under Nuts 4 NB.137/35D Bolt, securing Support Brackets 6 NN.137/L Nut, on Bolts 6 FG.106/X Washer, Spring, under Nuts 6 C.6863 COVER AT BOTTOM OF CONVERTER 1 HOUSING CS.125/4D Screw, Set, securing Cover Washer, Shakeproof, on Setscrews 6 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING	C.723/A	**************************************			
NB.131/10D Bolt, securing Support Brackets 4 NN.131/L RG.105/X Washer, Spring, under Nuts 4 NB.137/15D Bolt, securing Support Brackets 6 NN.137/L Nut, on Bolts 6 FG.106/X Washer, Spring, under Nuts 6 C.6863 COVER AT BOTTOM OF CONVERTER 1 HOUSING CS.125/4D Screw, Set, securing Cover Washer, Shakeproof, on Setscrews 6 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING	C.4795	SUPPORT BRACKET, R.H.		1	
FG.105/X NB.137/35D NN.137/L NN.137/L Nut, on Bolts FG.106/X C.6863 COVER AT BOTTOM OF CONVERTER HOUSING C.5.125/4D C.724 COVER AT FRONT OF CONVERTER HOUSING C.6874 COVER AT FRONT OF CONVERTER HOUSING COVER AT FRONT OF CONVERTER HOUSING 1 C.6874 COVER AT FRONT OF CONVERTER HOUSING 1	NB.131/10D	Bolt, securing Support Brackets		4	
NN.137/L Nut, on Bolts FG.106/X Washer, Spring, under Nuts C.6863 COVER AT BOTTOM OF CONVERTER HOUSING CS.125/4D Screw, Set, securing Cover Washer, Shakeproof, on Setscrews C.6874 COVER AT FRONT OF CONVERTER HOUSING 1	NN.131/L FG.105/X			4 4	
CS.125/4D Screw, Set, securing Cover 6 Washer, Shakeproof, on Setscrews 6 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING	NB.137/35D NN.137/L	Bolt, securing Support Brackets Nut, on Bolts		6	
CS.125/4D Screw, Set, securing Cover 6 Washer, Shakeproof, on Setscrews 6 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING					
C.724 Washer, Shakeproof, on Setscrews 6 C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING	C.6863			1	
C.6874 COVER AT FRONT OF CONVERTER 1 HOUSING					
HOUSING					
	C.6874			1	
CS.125/4D Screw, Set, securing Cover 4 C.724 Washer, Shakeproof, on Setscrews 4	CS.125/4D	Screw, Set, securing Cover		4	

AUTOMATIC TRANSMISSION MOUNTING DETAILS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.10987	DRIVING PLATE ON CRANKSHAFT FOR ATTACHMENT OF TORQUE CONVERTER		1	·
C.13992	Screw, Set, (Short) securing Torque Converter to		6	For use only when Torque Converter has NO CUT-OUTS.
C.16682	Driving Plate Screw, Set, (Long) securing Torque Converter to Driving Plate		6	For use only when Torque Converter has CUT-OUTS below threaded
C.13383	Tab Washer, securing Setscrews		6	holes.
C.6861	REINFORCEMENT PLATE ADJACENT TO DRIVING PLATE		1	
C.6862	Dowel, positioning Driving and Reinforcement Plates to Crankshaft		2	
C.6839	Screw, Set, securing Driving and Reinforcement Plates to Crankshaft		10	
C.4810	Plate, locking Setscrews		1	
C.8783	FRONT ENGINE SUPPORT BRACKET, L.H.		1	
C.8784	FRONT ENGINE SUPPORT BRACKET, R.H.		1	
NS.143/6D C.727	Screw, Set, securing Brackets to Cylinder Block Washer, Shakeproof, on Setscrews		6 6	
C.4794	FRONT ENGINE MOUNTINGS		2	
NS.150/7D	Screw, Set, securing Front Engine Mountings to Engine		2	
FW.108/T	Support Brackets Washer, Plain, on Setscrews		2	
FG.108/X NB.131/7D	Washer, Shakeproof, on Setscrews Bolt, securing Front Engine Mountings to Engine Mount-		2 4	
FG.105/X FW.105/T	ing Bracket Assembly Washer, Spring, on Bolts Washer, Plain, on Bolts		4	

AUTOMATIC TRANSMISSION

MOUNTING DETAILS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.12950	REAR ENGINE SUPPORT BRACKET, R.H.		1	
C.12951	REAR ENGINE SUPPORT BRACKET, L.H.		1	
C.4794	REAR ENGINE MOUNTINGS		2	
NS.150/7D	Screw, Set, securing Rear Engine Mountings to Engine Support Brackets		2	
FG.108/X FW.108/T NB.131/7D	Washer, Spring, on Setscrews Washer, Plain, under Spring Washers Bolt, securing Rear Engine Mounting to Engine Mounting Brackets		2 2 4	
FW.105/T NN.131/L C.725 C.4302	Washer, Plain, on Bolts Nut, on Bolts Nut, on Bolts Washer, Shakeproof, under Nuts Packing Plate, under Rear Engine Mountings		4 4 4 As req'd	
C.13268	BRACKET, FOR THROTTLE SWITCH, ON INLET MANIFOLD STUD		1	Fitted from Chassis No. 820001 to 820016 830001 to 831898 827001 to 827271 837001 to 837940 824001 to 824741 834001 to 835934
C.14665	BRACKET, FOR THROTTLE SWITCH, ON INLET MANIFOLD STUD		1	Fitted to Chassis No. 820017 and subs. 831899 and subs. 827272 and subs. 837941 and subs. 824742 and subs. 835935 and subs.
C.12473	STUD, ON INLET MANIFOLD, FOR MOUNTING OF THROTTLE		1	
NINI 454 7	SWITCH BRACKET		4	
NN.131/L FG.105/X	Nut, securing Throttle Switch Bracket Washer, Spring, under Nut		1 1	

AUTOMATIC TRANSMISSION MOUNTING DETAILS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.6856	THROTTLE SWITCH, FOR ANTI- CREEP CUT-OUT		1	Fitted from Engine No. V.1001 to V.7246
C.15270	THROTTLE SWITCH, FOR ANTI- CREEP CUT-OUT		1	Fitted to Engine No. V.7247 and subs.
NN.119/L AW.102/T	Nut, securing Throttle Switch to Bracket Washer, Plain, under Nuts		2 2	
C.14372	LEVER, ON CONNECTING ROD, OPERATING THROTTLE SWITCH (AUC 8215)		1	
C.14387	LEVER, CONNECTING OUTRIGGER SHAFT TO KICK-DOWN ROD (AUC 3215)		1	

AUTOMATIC TRANSMISSION HAND CONTROL

Part No.	Description	Plate No.	No. per Unit	Remarks
C.17586	HAND CONTROL ASSEMBLY	68- 1	1	
C.13463	Support Bracket Assembly, for mounting Hand	68- 2	1	
C.12761	Control to Body Spacer, between Support Bracket and Lower Sup-	68- 3	2	
C.12759 C.12765 UFB.119/4R C.723/A UFB.125/8R	port Plate Lower Support Plate Selector Gate Bolt, securing Selector Gate to Support Bracket Washer, Shakeproof, on Bolts Bolt, securing Lower Support Plate to Support Bracket	68– 4 68– 5	1 1 2 2 2	
UFN.125/L C.724 C.13549 C.12764 C.12760 UFB.125/12R C.724	Nut, on Bolts Washer, Shakeproof, under Nuts Selector Lever Assembly Washer (Tufnol) at each side of Selector Lever Bearing Collar, for Selector Lever pivot Bolt, for pivoting of Selector Lever Washer, Shakeproof, on Bolt	68- 6 68- 7 68- 8	2 2 1 2 1 1	
UFS.125/5R UFN.125/L C.724	Screw, Set, securing Hand Control to Body Nut, on Setscrews Washer, Shakeproof, under Nuts		3 3 3	
C.13549	SELECTOR LEVER ASSEMBLY	68– 6	1	
C.11862 C.12836 C.12770 C.12771	Bearing in Selector Lever Ball Pin in Selector Lever Link Pin in Selector Lever Spring Leaf connecting Hand Lever to Operating Lever		1 1 1	
C.12772 R.102/6W	Hand Lever Rivet, securing Hand Lever and Spring Leaf		1 4	
C.13580	SELECTOR COVER (INSCRIBED P.N.D.L.R.) BELOW INSTRUMENT BOARD	68 9	1	
BD.540/3	Screw, Self Tapping, securing Selector Cover		2	
C.13581	PLATE, MASKING HAND CONTROL	68–10	1	
BD.711/17 C.13647	Screw, Self Tapping, securing Masking Plate Distance Tube, on Screws	68–11	2 2	
C.13612	OPERATING LEVER FROM HAND CONTROL TO SWITCH		1	Fitted from Chassis No. 830001 to 831139
J.103/3.5S L.102/4U	Clevis Pin, securing Operating Lever to Switch Split Pin, securing Operating Lever to Hand Control		1 2	827001 to 827193 > 837001 to 837627 824001 to 824584

AUTOMATIC TRANSMISSION HAND CONTROL

Part No.	Description	Plate No.	No. per Unit	Remarks
C.14824	OPERATING LEVER FROM HAND CONTROL TO SWITCH	68–12	1	Fitted to Chassis No. 820001 and subs. 831140 and subs.
.103/3.5S .102/4U	Clevis Pin, securing Operating Lever to Switch Split Pin, securing Operating Lever to Hand Control and Switch	68–13	1 2	> 827194 and subs. 837628 and subs. 824585 and subs.
W.102/T	Washer, Plain, under Split Pins		2	835719 and subs.
.13611	SWITCH ASSEMBLY, FOR STARTER CUT-OUT AND REVERSE LIGHT OPERATION	68–14	1	
.13602	Bracket for mounting of Switch		1	Fitted from Chassis No. 830001 to 831139 827001 to 827193 837001 to 837627 824001 to 824584 834001 to 835718
.14582	Bracket for mounting of Switch	68–15	1	Fitted to Chassis No. 820001 and subs. 831140 and subs. 827194 and subs. 837628 and subs. 824585 and subs. 835719 and subs.
JFS.119/3R JFN.119/L J.723/A JFS.125/3R J.724	Screw, Set, securing Switch to Bracket Nut, on Setscrew Washer, Shakeproof, under Nut Screw, Set, securing Mounting Bracket to Dash Washer, Shakeproof, on Setscrews		1 1 1 2 2	
.12596	GEAR CONTROL CABLE	68–16	1	
.12587	End Fitting, for connection of Control Cable to Hand Control		1	
.13603 FN.125/L .12586	Extension, linking End Fitting with Control Cable Nut, locking Extension Abutment Clamp, securing Gear Control Cable to Transmission Case	68–18 68–19 68–20	1 1 1	
JFB.131/28R C.12689 JFS.131/5R W.105/T JFN.131/L C.725	Bolt, through Clamp Bracket, for fixing of Cable to Scuttle Screw, Set, securing Bracket to Dash Washer, Plain, on Setscrews Nut, on Setscrews Washer, Shakeproof, under Nuts		1 1 2 2 2 2	Fitted from Chassis No. 830001 to 831139 827001 to 827193 837001 to 837627 824001 to 824584 834001 to 835718
C.14835 JFS.125/5R C.724	Bracket, for fixing of Cable to Scuttle Screw, Set, securing Bracket to Dash Washer, Shakeproof, on Setscrews	68–21	1 3 3	Fitted to Chassis No. 820001 and subs. 831140 and subs. 827194 and subs. 837628 and subs. 824585 and subs.
C.12690 C.5574 C.7083	Locknut, securing Cable to Bracket Grommet, in Scuttle, for Control Cable End Fitting for Connection of Gear Control Cable to	68-22 68-23 68-24	2 1 1	835719 and subs.
C.7071	Transmission Unit Bush, in Selector Lever on Transmission Unit	68–25	. 1	

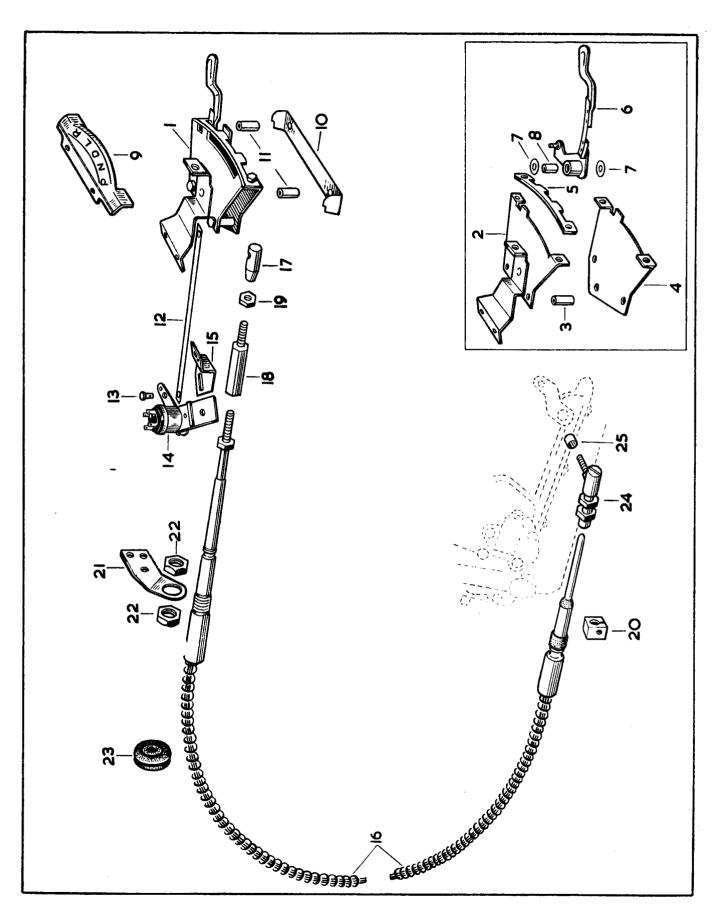


PLATE 68

OVERDRIVE UNIT FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.13200	OVERDRIVE UNIT, COMPLETE (28/1516)		1		
C.5979	EXTENSION FOR ATTACHMENT OF OVERDRIVE UNIT TO GEARBOX (60140/A)	42- 1	1		
C.5935 C.5983	Gasket, between Extension and Front Casing (62161) Washer, Spacing (Steel) behind Gearbox Rear Bearing	42- 2 42- 3	1 1		
C.5685	(60778) Circlip, 13° External, behind Spacing Washer on Gearbox Mainshaft (9015)	42- 4	1		
C.5900	FRONT CASING ASSEMBLY (65599)	42- 5	1		
C.5904	Welch Washer, sealing Bleed Holes (60479)	42- 6 42- 7	1		
C.12340 7982	Shaft, for Main Operating Valve (64562) Cam Lever for Operating Shaft (60785)	42 8	1		
C.5921 C.10378	Taper Pin, securing Cam Lever (6127)	42 9 4210	1 2		
C.10376 C.5915	'O' Ring at each end of Shaft (64486) Main Operating Valve (60649)	42-11	ī		
C.5922	Ball, 5 diameter at top of Valve (9809)	42-12	1		
C.5919 7972	Plunger for Ball (60036) Spring for Plunger (60440)	42-13 42-14	1		
C.5906	Plug, retaining Valve Parts (65109)	42-15	1		
C.5903	Washer (Copper) under Valve Plug (60024)	42-16	1		
C.5917 C.5908	Guide Peg, positioning Oil Pump Plunger in Front Casing (60723) Lever, on Shaft, outside Front Casing for setting of	42-17 42-18	1		
C.5921	Main Operating Valve (60813) Taper Pin, securing Valve Setting Lever to Oper-	42–19	1		
C.5909	ating Shaft (6127) Stud, in front and side faces of Casing (60077)	42-20	5		
C.12341	Stud, in side face of Casing (64634)	42-20A	_		
C.5910	Stud, in front face of Casing (60678)	42-21	1		
C.5913 C.5912	Stud, in front face of Casing (61091) Stud, in rear face of Casing (60664)	42-22 42-23	2 2		
C.8767	Collar, on Valve Operating Shaft, behind Solenoid		1		
	Operating Lever (64373)	45 65	4		
C.5671 UFN.131/L	Breather, at top of Front Casing (64370) Nut, on Studs in Front Casing (65362)	42-25	1 9		
FG.105/X	Washer, Spring, under Nuts (65462)		9		,
C.5928	OIL PUMP PLUNGER ASSEMBLY IN	42-26	1		
	FRONT CASING (65522)				
C.5955	Body for Oil Pump (60845) Spring topsioning Oil Pump Plunger (60536)	42-27 42-28	1		
C.5938 C.5939 C.5960	Spring, tensioning Oil Pump Plunger (60536) Plug, securing Oil Pump Plunger in Body (60620) Screw, Set, securing Oil Pump Body to Front Casing (65290)	42-29 42-30	1 7		
AG.102/X C.5966	(65290) Washer, Spring, on Setscrews (1431) Bail, 4" diameter, for non-return Valve to Oil Pump (9802)	42-31 42-32	7 1		
	rewal				
C.5919	Plunger behind Ball (60036)	42-33	1		
C.5919 7972 C.5906		42-33 42-34 42-35	1 1 1		

Part No.	Description	Plate No.	No. per Unit	Remarks
8357	FILTER AT BOTTOM OF OIL PUMP (60152)	42–37	1	
8355	DRAIN PLUG AT BOTTOM OF OIL FILTER (60253)	42–38	1	
C.5936	Washer (Fibre) on Drain Plug (60406)	42–39	1	
8356	MAGNETIC RING IN OIL FILTER (60151)	42–40	1	
C.5982	CAM, OPERATING OIL PUMP (60663)	42-4 1	1	
C.11428	OPERATING PISTON ASSEMBLY IN FRONT CASING (65594)	42–4 2	2	
C.5970	Piston Rings (60337)		2 sets	Supplied only in Sets.
C.5952 C.5962 C.5695	Bridge Piece retaining Operating Pistons (60704) Nut, securing Bridge Pieces (65360) Tab Washer, locking Nuts (65500)	42–43 42–44 42–45	2 4 4	
8030	ACCUMULATOR PISTON ASSEMBLY COMPLETE WITH RINGS (65664)	42–46	1	
C.5677	Ring for Piston (comprising two wide and four narrow Rings per Piston) (60814)	42-47	1 set	Supplied only in sets.
8056	HOUSING ASSEMBLY FOR ACCU- MULATOR PISTON (65665)	42 -4 8	1	
C.5924	'O' Ring on Housing (131/5)		2	

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.5678	SPACING TUBE AND WASHER ASSEMBLY, HOUSING ACCU- MULATOR SPRING (65531)	42-49	1		
C.11836	SPRING INSIDE SPACING TUBE FOR ACCUMULATOR PISTON (64958)	42–50	1		
C.11200	BRACKET ASSEMBLY, MOUNTING SOLENOID (62228)	42-51	1		
C.5675 C.9097	Stop (Rubber) In Bracket (64283) Dowel, in Bracket (64097)	42–52	1		
C.5954 C.5963	Gasket, between Bracket and Front Casing (60823) Nut, securing Bracket to Studs at side of Front Casing	42-53 42-54	1 2		
FG.105/X C.5961	(65361) Washer, Spring, under Nuts (65462) Screw, Set, (Head painted red) securing Solenoid Mounting Bracket and holding Accumulator Spring	42-55 42-56	2 2		
FW.105/T C.8766 FB.104/6D FN.104/L FG.104/X	on tension (65291) Washer, Plain, on Setscrew (65312) Lever, on Operating Shaft, for Solenold (64372) Bolt, clamping Lever to Shaft (65271) Nut, on Bolt (65410) Washer, Spring, under Nut	42–57 42–58 42–59 42–60	2 1 1 1		
C.11201	COVER PLATE FOR SOLENOID MOUNTING BRACKET	42 61	. 1	•	
C.11202 UFS.119/3R	Gasket, between Cover Plate and Mounting Bracket Screw, Set, securing Cover Plate	42-62	1 3		
C 7474		40.40			
C.7471 C.5960	SOLENOID (LUCAS 76505B) Screw, Set, securing Solenoid to Mounting Bracket	42-63	1 2		
FG.103/X	(65290) Washer, Spring, on Setscrew (65460)	42-65	2		
C.5929	THRUST RING ASSEMBLY FOR CLUTCH (65537)	43 1	1		

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5655	SPRING ON PINS OF THRUST RING (65538)	43- 2	1 set	
	(SUPPLIED ONLY IN SETS OF FOUR SHORT AND EIGHT LONG SPRINGS)			
C.5930	SLIDING MEMBER ASSEMBLY, FOR	43- 3	1	,
	CLUTCH (65524)		-	
C.5968	Bail Bearing, for Sliding Member $(50 \times 90 \times 11 \text{ mm.})$ (65024)	43- 4	1	
C.5689	Circlip (90 mm. Internal) securing Ball Bearing from back (9108)	43- 5	1	
C.5977	Circlip (12 external) securing Ball Bearing from front (9003)	43- 6	1	
C.11433	BRAKE RING (62128)	43- 7	. 1	
C.11698	SUN WHEEL, PLANETARY CARRIER AND ANNULUS ASSEMBLY (65604)		1	
C.5931 C.5932 C.11743	Sunwheel Assembly (65526) Planetary Carrier Assembly (65527) Annulus Assembly (65601)	43 8 43 9 4310	1 1 1	
C.5932	PLANETARY CARRIER ASSEMBLY (65527)	43- 9	1	
7976 C.11839	Shaft, for Planetary Bearings (64399) Bearing (Torrington) inside Planetary Wheels		3 6	
7979	(65027) Thrust Washer behind Planetary Gears (65336)		3	
C.5975	Thrust Washer (Phosphor Bronze) adjacent to Plane-	43-11	1	
C.5941	tary Carrier (60631) Thrust Washer (Phosphor Bronze) adjacent to front		1	
C.5943	face of Sun Wheel (60629) Thrust Washer (Steel) at front of Phosphor Bronze		1	า
C.5944	Washer (60667/A) (.113"/.114" thick) Thrust Washer (Steel) at front of Phosphor Bronze		1	1
C.5945	Washer (60667/B) (.107*/.108* thick) Thrust Washer (Steel) at front of Phosphor Bronze	43–13	1	
C.5946	Washer (60667/C) (.101"/.102" thick) Thrust Washer (Steel) at front of Phosphor Bronze		1	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED
C.5947	Washer (60667/D) (.095"/.096" thick) Thrust Washer (Steel) at front of Phosphor Bronze	43–13	1	THICKNESS.
C.5948	Washer (60667/E) (.089"/.090" thick) Thrust Washer (Steel) at front of Phosphor Bronze	43–13	1	
C.5949	Washer (60667/F) (.083"/.084" thick) Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/G) (.077"/.078" thick)	43–13	1	}

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5956	CAGE FOR UNI-DIRECTIONAL CLUTCH (64011)	43-14	1	
C.5967 C.5950	Roller for Cage (12 rollers per set) (65534) Spring for Cage (64059)	43–15 43–16	1 set 1	SUPPLIED ONLY IN SETS.
C.5957	INNER MEMBER FOR UNI-DIREC- TIONAL CLUTCH (FREE WHEEL) (64010)	4 3–17	1	
C.5942	Thrust Washer, behind Uni-Directional Clutch Inner Member (60634)	43–18	1	
C.5969	BALL BEARING ON SHAFT, ADJACENT TO ANNULUS (1¼"×2¾"×1½") (65025)	43–19	1	
C.5687	BALL BEARING, AT REAR END OF ANNULUS SHAFT (30×62×16 mm.) (65026)	43–20	1	
C.5981 C.5694 C.5695 C.5696 C.5697	Spacing Washer, behind Bearing (.146" thick) (60657E) Spacing Washer, behind Bearing (.151" thick) (60657F) Spacing Washer, behind Bearing (.156" thick) (60657G) Spacing Washer, behind Bearing (.161" thick) (60657H) Spacing Washer, behind Bearing (.166" thick) (60657J)	43-21 43-21 43-21 43-21 43-21	1 1 1 1	SELECTIVE SIZES Choose Washers of Desired Thickness
C.13201	REAR CASING ASSEMBLY (65642)	43-22	1	
C.5927	Stud, in Rear Casing (60819)	43–23	4	
C.11226	Pilot Bush, in Rear Casing, for Speedometer Driven	43–24	1	
C.8774	Gear (64831) Gasket for Speedo Pilot Bush (64405)	43–25	1	
C.11953	SPEEDOMETER DRIVE ASSEMBLY	43-26	1	
C.11211	'O' Ring, around Speedometer Drive (64564)		1	
C.5680 7978	Screw, locking Speedometer Drive in Casing (61082) Washer (Copper) on locking Screw (65462)	43-27 43-28	1	

OVERDRIVE UNIT FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks	
7980	OIL SEAL AT END OF REAR CASING (65357)	43–29	1		
C.5683	FLANGE, CONNECTING OVERDRIVE UNIT TO PROPELLER SHAFT (61090)	43–30	1		
C.5681 C.8772 L.102/12U	Nut, securing Flange to Annulus Shaft (61085) Washer, Plain, under Nut (AT.20306) Split Pin, locking Nut to Shaft	43–31 43–32 43–33	1 1 1		
C.8398	STEADY BLOCK ON CENTRE CROSS MEMBER OF CHASSIS FRAME	43–34	1		
C.8399 NS.119/6D C.723/A	Shim, under Steady Block Screw, Set, securing Steady Block Washer, Shakeproof, on Setscrews	43–35	As req'd 2 2		

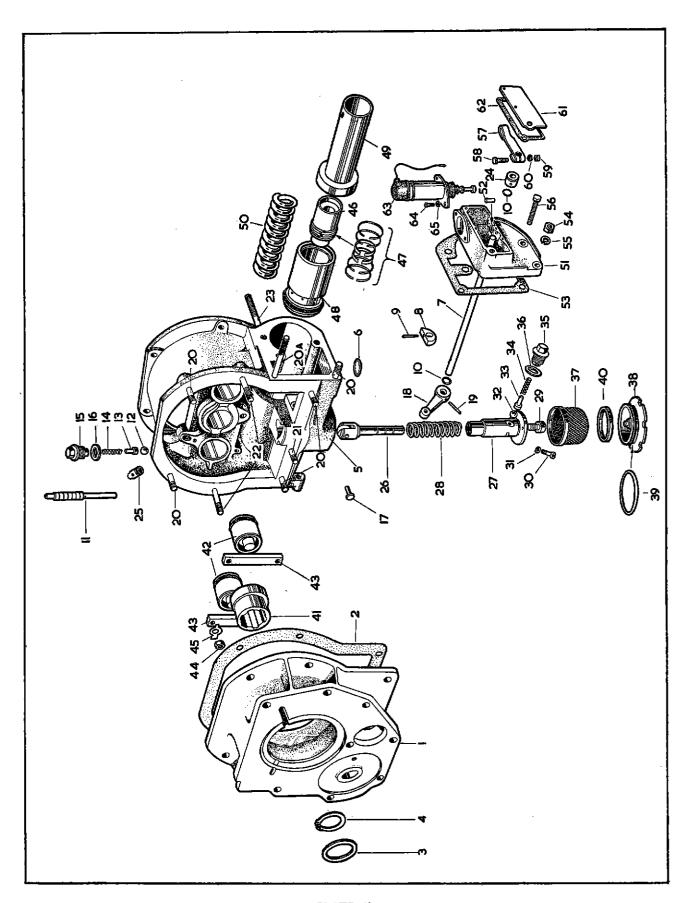


PLATE 42

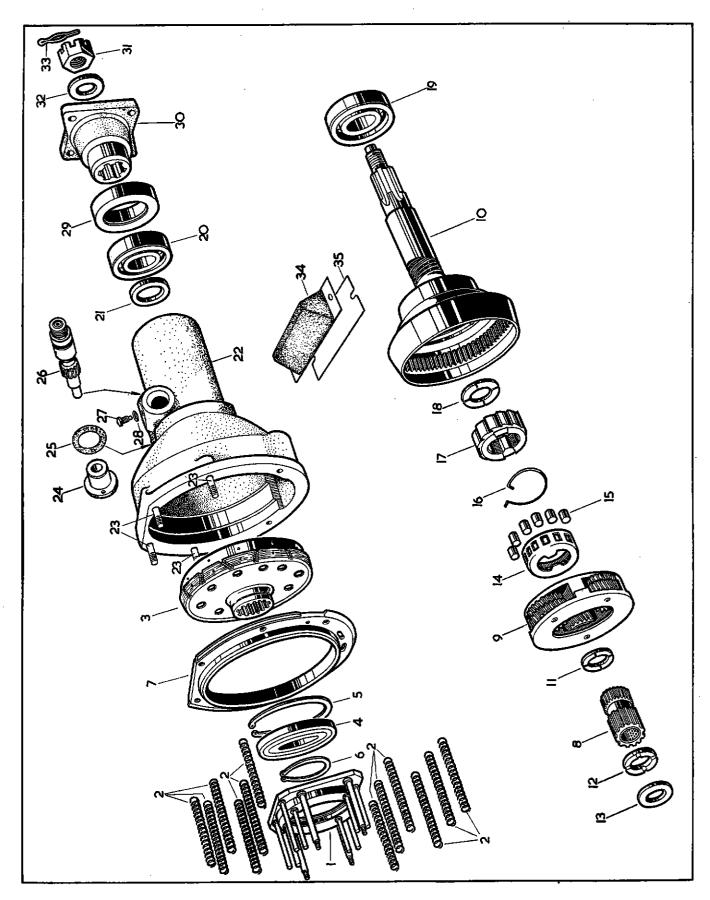


PLATE 43

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.16170	OVERDRIVE UNIT, COMPLETE (28/3034)		1		
	THE ITEMS DETAILED BELOW ARE THOSE WHICH DIFFER FROM THE OVERDRIVE UNIT FITTED TO XK.150 3.4 LITRE ENGINES. ANY ITEM NOT LISTED BELOW IS COMMON TO OVERDRIVE UNIT C.13200 (SEE PAGES 204 TO 209)				
7969	ACCUMULATOR PISTON ASSEMBLY (65520)		1.		
7981	'O' Ring on Piston (65369)		2		
79 70	ACCUMULATOR HOUSING ASSEMBLY (65535)		1		
C.5924	'O' Ring on Housing (131/5)		2		
79 75	SPACING TUBE, HOUSING ACCU- MULATOR SPRING (61641)		. 1		
C.5655	SPRING ON PINS OF THRUST RING (65538)		1 set	•	
	(SUPPLIED ONLY IN SETS OF FOUR SHORT AND EIGHT LONG SPRINGS)				

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.14830	OVERDRIVE UNIT, COMPLETE (28/3020)		1		·
	THE ITEMS DETAILED BELOW ARE THOSE WHICH DIFFER FROM THE OVERDRIVE UNIT FITTED TO XK.150 3.4 LITRE ENGINES. ANY ITEM NOT LISTED BELOW IS COMMON TO OVERDRIVE UNIT C.13200 (SEE PAGES 204 TO 209)				
7947	OPERATING PISTON ASSEMBLY (65586)		2		
7949	'O' Ring on Piston (61647)		2		

Part No.	Description	Plate No.	No. per Unit	Remarks	
C.16171	OVERDRIVE UNIT, COMPLETE (28/3038)		1		
C.5979	EXTENSION FOR ATTACHMENT OF OVERDRIVE UNIT TO GEARBOX (60140/A)	44_ 1	. 1		
C.5935 C.5983	Gasket, between Extension and Front Casing (62161) Washer, Spacing (Steel) behind Gearbox Rear Bearing	44- 2 44- 3	1 1		
C.5685	(60778) Circlip, 13" External, behind Spacing Washer on Gearbox Mainshaft (9015)	44- 4	1		
C.5900	FRONT CASING ASSEMBLY (65599)	44_ 5	1		
C.5904 C.12340	Welch Washer, sealing Bleed Holes (60479) Shaft for Main Operating Valve (64562)	44- 6 44- 7	1 1		
7982	Cam Lever for Operating Shaft (60785)	44- B	1		
C.5921 C.10378	Taper Pin, securing Cam Lever (6127) 'O' Ring at each end of Shaft (64486)	44- 9 44-10	1 2		
C.5915	Main Operating Valve (60649)	44-11	ī		
C.5922 C.5919	Ball, 5 diameter, at top of Valve (9809)	44_12	1 1		
7972	Plunger for Ball (60036) Spring for Plunger (60440)	44_13 44_14	i		
C,5906	Plug, retaining Valve Parts (65109)	44_15	1		
C.5903 C.5917	Washer (Copper) under Valve Plug (60024)	44-16	1		
C.3717	Guide Peg, positioning Oil Pump Plunger in Front Casing (60723)	44-17	1		• •
C.5908	Lever, on Shaft, outside Front Casing for setting of	44 –18	1		
C.5921	Main Operating Valve (60813) Taper Pin, securing Valve Setting Lever to Operating Shaft (6127)	44 –19	1		
C.5909	Stud, in front and side faces of Casing (60077)	44-20	5		
C.12341	Stud, in side face of Casing (64634)	44-20A			
C.5910 C.5913	Stud, in front face of Casing (60678) Stud, in front face of Casing (61091)	44-21 44-22	1 2		
C.5912	Stud, in rear face of Casing (60664)	44-23	2		
C.8767	Collar, on Valve Operating Shaft, behind Operating Lever (64373)	44 –24	1		
C F474		44.05			
C.5671 UFN.131/L	Breather at top of Front Casing (64370) Nut, on Studs in Front Casing (65362)	44–25	1 9		
FG.105/X	Washer, Spring, under Nuts (65462)		9	·	
C.5928	OIL PUMP PLUNGER ASSEMBLY IN FRONT CASING (65522)	44-26	1		
C.5955	Body, for Oil Pump (60845)	44-27	1		
C.5938	Spring, tensioning Oil Pump Plunger (60536)	44-28	1		
C.5939 C.5960	Plug, securing Oil Pump Plunger in Body (60620) Screw, Set, securing Oil Pump Body to Front Casing (65290)	44-29 44-30	1 7		
A C 400 IV	Washer, Spring, on Setscrew (1431)	44–31 44–32	7 1		
AG.102/X C.5966	Ball, \frac{1}{4}" diameter, for non-return valve to Oil Pump		-		
C.5966	(9802)				
C.5966 C.5919 7972		44-33 44-34	1		
C.5966 C.5919	(9802) Plunger, behind Ball (60036)	44-33	1		

Part No.	Description	Plate No.	No. per Unit	Remarks
8357	FILTER AT BOTTOM OF OIL PUMP (60152)	44 –37	1	
8355	DRAIN PLUG AT BOTTOM OF OIL FILTER (60253)	11 –38	1	
C.5936	Washer (Fibre) on Drain Plug (60406)	44-39	1	·
8536	MAGNETIC RING IN OIL FILTER (60151)	11_1 0	1	
C.5982	CAM, OPERATING OIL PUMP (60663)	44_4 1	1	
C.11428	OPERATING PISTON ASSEMBLY IN FRONT CASING (65594)	44_4 2	2	
C.5970	Piston Rings (60337)	44 43	2 sets	Supplied only in sets.
C.5952 C.5962 C.5695	Bridge Piece retaining Operating Pistons (60704) Nut, securing Bridge Pieces (65360) Tab Washer, locking Nuts (65500)	44-43 44-44 44-45	2 4 4	
7969	ACCUMULATOR PISTON ASSEMBLY COMPLETE WITH RINGS (65520)	44_4 6	1	
7981	Ring for Piston (65369) (comprising two wide and four narrow Rings per Piston)	44-47	1	
7970	HOUSING ASSEMBLY FOR ACCU- MULATOR PISTON (65535)	44_48	1	
C.5924	'O' Ring on Housing (131/5)		2	

Part No.	Description	Plate No.	No. per Unit	Remarks	
7975	SPACING TUBE HOUSING ACCU- MULATOR SPRING (61641)	44-49	1		
7973	SPRING (LARGE) INSIDE SPACING TUBE, FOR ACCUMULATOR PISTON (61638)	44 –50	1		
7974	SPRING (SMALL) INSIDE SPACING TUBE, FOR ACCUMULATOR PISTON (61651)	44 –51	1		
C.11200	BRACKET ASSEMBLY ENCLOSING SELECTOR LEVER (62228)	44 –52	1		
C.9097	Dowel in Bracket (64097)		1		
C.5954 C.5963	Gasket, between Bracket and Front Casing (60823) Nut, securing Bracket to Studs at side of Front Casing	44-53 44-54	1 2		
FG.105/X C.5961	(65361) Washer, Spring, under Nuts (65462) Screw, Set (Head painted red) securing Bracket and holding Accumulator Spring on tension (65291)	44–55 44–56	2 2	·	
FW.105/T	Washer, Plain, on Setscrew (65312)		2		
C.14780	SELECTOR LEVER CONNECTING VALVE OPERATING SHAFT TO LINK ROD	44 –57	1		
UFS.125/6R UFN.125/L FG.104/X	Screw, Set, securing Selector Lever to Operating Shaft Nut, on Setscrew Washer, Spring, under Nut	44–58 44–59 44–60	1 1 1		
C.11201	COVER PLATE AT SIDE OF BRACKET	44_ 61	1	•	
C.11202 UFS.119/3R	Gasket, between Cover Plate and Mounting Bracket Screw, Set, securing Cover Plate	44 –62	1 3		
C.14774	COVER PLATE AT TOP OF BRACKET FOR LINK ROD	44-63	1		
C.2850	Rubber Grommet in Cover Plate	44-64	1	,	

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5929	THRUST RING ASSEMBLY FOR CLUTCH (65537)	45 1	1	
7971	SPRING ON PINS OF THRUST RING (65644) (SUPPLIED ONLY IN SETS OF FOUR SHORT AND EIGHT LONG SPRINGS)	45- 2	1 set	
C.5930	SLIDING MEMBER ASSEMBLY FOR CLUTCH (65524)	45- 3	1	·
C.5968	Ball Bearing for Sliding Member (50×90×11 mm.)	45- 4	1	
C.5689	(65024) Circlip (90 mm. Internal) securing Ball Bearing from	45- 5	1	
C.5977	back (9108) Circlip (17 External) securing Ball Bearing from front (9003)	45– 6	1	
C.11433	BRAKE RING (62128)	4 5– 7	1	
C.11698	SUN WHEEL, PLANETARY CARRIER AND ANNULUS ASSEMBLY (65604)		1	
C.5931 C.5932 C.11743	Sun Wheel Assembly (65526) Planetary Carrier Assembly (65527) Annulus Assembly (65601)	45- 8 45- 9 45-10	1 1 1	
C.5932	PLANETARY CARRIER ASSEMBLY (65527)	45- 9	1 .	
7976 C.11839	Shaft, for Planetary Bearings (64399) Bearing (Torrington) inside Planetary Wheels		3 6	
7979	(65027) Thrust Washer behind Planetary Gears (65336)		3	
C.5975	Thrust Washer (Phosphor Bronze) adjacent to Plane-	45–11	1	
C.5941	tary Carrier (60631) Thrust Washer (Phosphor Bronze) adjacent to front (see of Sup Wheel (60629)	45–12	1	
C.5943	face of Sun Wheel (60629) Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/A) (.113"/.114" thick)	4513	1]
C.5944	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/B) (.107"/.108" thick)	45-13	1	
C.5945	Thrust Washer (Stoel) at front of Phosphor Bronze Washer (60667/C) (.101*/.102* thick)	45–13	1	SELECTIVE SIZES
C.5946	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/D) (.095"/.096" thick)	45–13	1	CHOOSE WASHERS OF DESIRED THICKNESS.
C.5947	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/E) (.089*/.090* thick)	45–13	1	
C.5948	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/F) (.083"/.084" thick)	45–13	1	
C,5949	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/G) (.077"/.078" thick)	45–13	1	J

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5956	CAGE FOR UNI-DIRECTIONAL CLUTCH (64011)	45–14	1	
C.5967 C.5950	Roller for Cage (12 rollers per set) (65534) Spring for Cage (64059)	45–15 45–16	1 set 1	SUPPLIED ONLY IN SETS.
C.5957	INNER MEMBER FOR UNI-DIREC- TIONAL CLUTCH (FREE WHEEL) (64010)	4 5 –1 7	1	•
C.5942	Thrust Washer, behind Uni-Directional Clutch Inner Member (60634)	45–18	1	
C.5969	BALL BEARING, ON SHAFT, ADJAC- ENT TO ANNULUS (14"×24"×16") (65025)	45–19	1	
C.5687	BALL BEARING, AT REAR END OF ANNULUS SHAFT (30×62×16 mm.) (65026)	45–20	1	
C.5981 C.5694 C.5695 C.5696 C.5697	Spacing Washer, behind Bearing (.146" thick) (60657E) Spacing Washer, behind Bearing (.151" thick) (60657F) Spacing Washer, behind Bearing (.156" thick) (60657G) Spacing Washer, behind Bearing (.161" thick) (60657H) Spacing Washer, behind Bearing (.166" thick) (60657])	45-21 45-21 45-21 45-21 45-21	1 1 1 1	SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS.
C.13201	REAR CASING ASSEMBLY (65642)	45–22	1	
C.5927	Stud, in Rear Casing (60819)	45–23	4	
C.11226	Pilot Bush, in Rear Casing, for Speedometer Driven Gear (64831)	45–24	1	
C.8774	Gasket for Speedo Pilot Bush (64405)	4525	1	
C.11953	SPEEDOMETER DRIVE ASSEMBLY	45–26	1	
C.11211	'O' Ring around Speedometer Drive (64564)		1	
C.5680 7978	Screw, locking Speedometer Drive in Casing (61082) Washer (Copper) on locking Screw (65462)	45-27 45-28	1 1	

Part No.	Description	Plate No.	No. per Unit	Remarks
7980	OIL SEAL, AT END OF REAR CASING (65357)	45–29	1	
C.5683	FLANGE, CONNECTING OVERDRIVE UNIT TO PROPELLER SHAFT (61090)	45–30	1	
C.5681 C.8772 L.102/12U	Nut, securing Flange to Annulus Shaft (61085) Washer, Plain, under Nuts (AT.20306) Split Pin, locking Nut to Shaft	45–41 45–32 45–33	1 1 1	
C.8398	STEADY BLOCK ON CENTRE CROSS MEMBER OF CHASSIS FRAME	45–34	1	
C.8399 NS.119/6D C.723/A	Shim, under Steady Block Screw, Set, securing Steady Block Washer, Shakeproof, on Setscrews	45–35	As req'd 2 2	

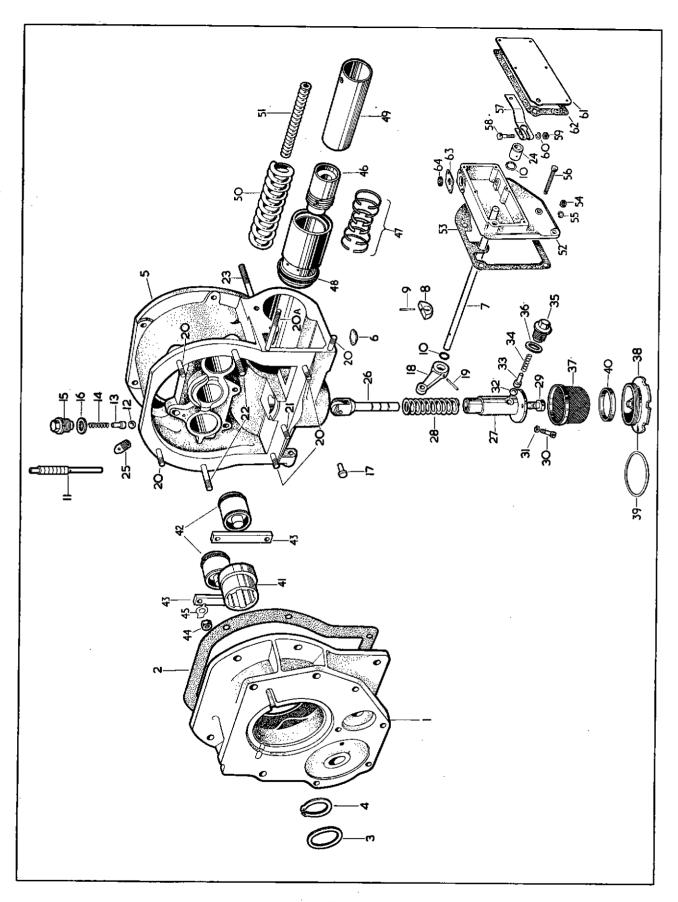


PLATE 44

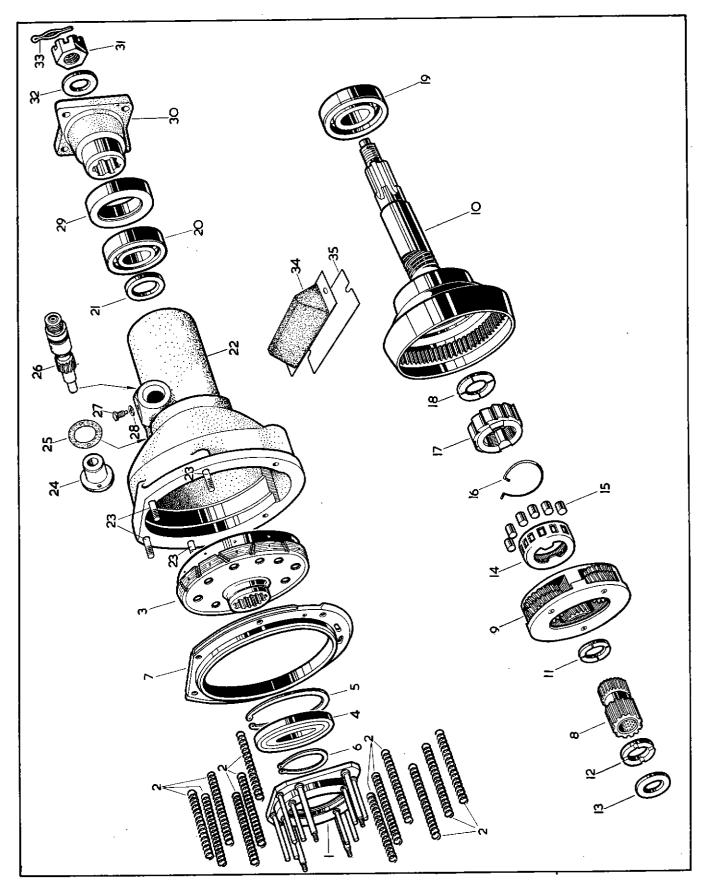


PLATE 45