

GEARBOX

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

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	Plug, Oil Drain, at bottom of Case	26- 2	1	
C.799	Plug, Oil Level, at side of Case	26- 2	1	
C.785	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	Washer, Spring, on Setscrews	26- 6	1	
C.1845	Bearing, Ball, for Mainshaft (Hoff.MS.12½K)	26- 7	1	
C.1855	Circlip, around Mainshaft Bearing	26- 8	1	
C.1838	Bearing, Ball, for Constant Pinion Shaft (Hoff.340K)	26- 9	1	
C.1841	Collar, between Case and Circlip	26-10	1	
C.1840	Circlip, on Bearing, behind Collar	26-11	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	1	
C.6738	Seal, Oil, in Front End Cover	26-15	1	
C.359	Screw, Set, securing Front End Cover to Case	26-16	4	
FW.105/E	Washer (Copper) on Setscrews	26-17	4	
C.837	Wire, locking Setscrews			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	Washer, Spring, on Setscrews	26-21	7	
C.859	Seal, Oil, in Rear End Cover	26-22	1	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	26-23	1	
C.858	Bearing for Speedometer Driven Gear	26-24	1	
C.846	Screw, locking Bearing in Rear End Cover	26-25	1	
FG.105/X	Washer, Spring, on Screw	26-26	1	

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Part No.	Description	Plate No.	No. per Unit	Remarks
6254	GEARBOX REMOTE CONTROL ASSEMBLY (SD 1030) (COMPRISING TOP COVER, CHANGE-SPEED LEVER, CHANGE-SPEED FORKS, SELECTORS, ETC.)		1	
C.6878	TOP COVER	26-27	1	
C.860	Gasket, between Top Cover and Gearbox Case	26-28	1	
FB.105/15D	Bolt, securing Top Cover	26-29	2	
FB.105/14D	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.13334	Plunger, engaging Striking Rods	26-35	3	
C.845	Spring, at top of Plungers	26-36	3	
C.849	Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	26-37	2	
C.884	Screw, Grub, applying tension to Plunger for Reverse Striking Rod	26-38	1	
C.837	Wire, locking Grub Screws		As req'd	
C.873	Plug, in front end of Cover, sealing apertures for insertion of Striking Rods	26-39	3	
C.929	Seal (Felt) in rear end of Cover, for Striking Rods	26-40	3	
C.880	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	26-46	1	
C.927	Plug, in side of Cover, for insertion of Interlock Balls and Roller		1	
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)	26-48	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	
C.2022	Spring on Plunger	26-57	1	
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	
C.914	Shim under Spring	26-61	1	
AS.102/4D	Screw, Set, under Reverse Selector, adjusting tension on Spring	26-62	1	
AN.102/L	Nut, locking Setscrew when adjusted	26-63	1	
C.882	Stop Pin on 1st/2nd and 3rd/Top Striking Rods	26-64	2	
C.874	Roller, for Interlock, in 1st/2nd Striking Rod	26-65	1	
C.923	Ball, for Interlock, in 3rd/Top and 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	

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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 824001 to 824239 834001 to 835253
C.2291	Knob, for Change-Speed Lever		1	
C.14218	CHANGE-SPEED LEVER (CRANKED)	26-68	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	26-69	1	
C.1928	Nut, locking Knob to Change-Speed Lever	26-70	1	
C.1915	Bearing, Flexible, housing Change-Speed Lever in Selector Lever	26-71	2	
C.1919	Washer at top of Flexible Bearing	26-72	1	
C.1904	Washer at bottom of Flexible Bearing	26-73	1	
C.1918	Lever, Selector, housing Change-Speed Lever		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.14217	Lever, Selector, housing Change-Speed Lever	26-74	1	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 Lever	26-75	1	
L.103/8U	Pin, Split, securing Slotted Nut	26-76	1	
C.14470	Jaw, Pivot, for Selector Lever	26-77	1	
C.1907	Bush for Pivot Jaw	26-78	1	
C.1894	Washer, Thrust, on Pivot Jaw	26-79	2	
C.1914	Washer, Locking, on Pivot Jaw	26-80	1	
C.1905	Washer, Spring, on Pivot Jaw	26-81	1	
FN.407/L	Nut, Slotted, securing Pivot Jaw to Top Cover	26-82	1	
L.103/8U	Pin, Split, securing Slotted Nut		1	
C.1912	Pin, Pivot, securing Selector Lever in Pivot Jaw	26-83	1	
C.1906	Bush, in Selector Lever, for Pivot Pin	26-84	1	
C.1908	Washer, Thrust, at each side of boss on Selector Lever	26-85	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	26-86	1	
FN.407/L	Nut, Slotted, securing Pivot Pin		1	
L.103/8U	Pin, Split, securing Slotted Nut		1	
C.885	FLANGE, ON MAINSHAFT, FOR UNIVERSAL JOINT	27- 1	1	
C.840	Nut, Slotted, securing Flange to Mainshaft	27- 2	1	
C.925	Washer, Plain, under Slotted Nut	27- 3	1	
L.104/12U	Pin, Split, securing Slotted Nut	27- 4	1	

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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	1	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	27- 9	12	
C.922	Ball, in 2nd and 3rd/Top Synchro Sleeves at top of Springs and Plungers	27-10	15	
C.901	Plunger in 2nd and 3rd/Top Synchro Sleeves (.490" long)	27-11	3	} SELECTIVE SIZES. Choose the Plunger of the desired length.
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	27-11	3	
C.901/2	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long)	27-11	3	
C.2040	Gear, 1st Speed	27-12	1	
C.4125	Gear, 2nd Speed	27-13	1	
C.4123	Gear Assembly, 3rd Speed	27-14	1	
C.1850	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	} SELECTIVE SIZES. Choose the Washer of the desired thickness.
C.2678/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	27-18	2	
C.2678/3	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	27-18	2	
C.4122	Sleeve, Synchronising 3rd/Top Speeds	27-19	1	
C.4049	Sleeve, Operating 3rd/Top Speeds	27-20	1	
C.903	Shim for Synchro Sleeve (.006" thick)	27-21	As req'd	
C.914	Shim for Synchro Sleeve (.028" thick)	27-21	As req'd	
C.9252	CONSTANT PINION ASSEMBLY	27-22	1	
C.1843	Bearing, Roller, inside Shaft	27-23	1	
C.2121	Thrower, Oil	27-24	1	
C.1838/1	Circlip, retaining Ball Bearing on Constant Pinion Shaft	27-25	1	
C.2109	Washer for Constant Pinion	27-26	1	
C.2110	Shim for Constant Pinion	27-27	As req'd	
C.2111	Shim for Constant Pinion	27-28	As req'd	
C.2044/2	REVERSE GEAR ASSEMBLY	27-29	1	
C.2070	Spindle for Reverse Gear	27-30	1	
C.1893	Lever, operating Reverse Gear	27-31	1	
C.1899	Pin, Fulcrum, for Operating Lever	27-32	1	
C.777	Nut, Slotted, securing Fulcrum Pin	27-33	1	
FW.106/T	Washer, Plain, under Slotted Nut	27-34	1	
L.103/8U	Pin, Split, securing Slotted Nut and Reverse Slipper	27-35	2	
C.866	Slipper, Reverse	27-36	1	
C.4284	Ring, Sealing, on Reverse Spindle	27-37	1	

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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	} SELECTIVE SIZES. Choose Washer of desired thickness.
C.1862/1	Washer, Thrust, Outer, at rear of Counter (.159" thick)	27-43	1	
C.1862/2	Washer, Thrust, Outer, at rear of Counter (.162" thick)	27-43	1	
C.1862/3	Washer, Thrust, Outer, at rear of Counter (.152" thick)	27-43	1	
C.1862/4	Washer, Thrust, Outer, at rear of Counter (.164" thick)	27-43	1	
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	1	
C.1859	Washer, Thrust, Outer Assembly, at end of Counter	27-46	1	
C.5826	Constant Wheel	27-47	1	
C.2046	Gear, 3rd Speed, on Countershaft	27-48	1	
C.2047	Gear, 2nd Speed, on Countershaft	27-49	1	
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	1	

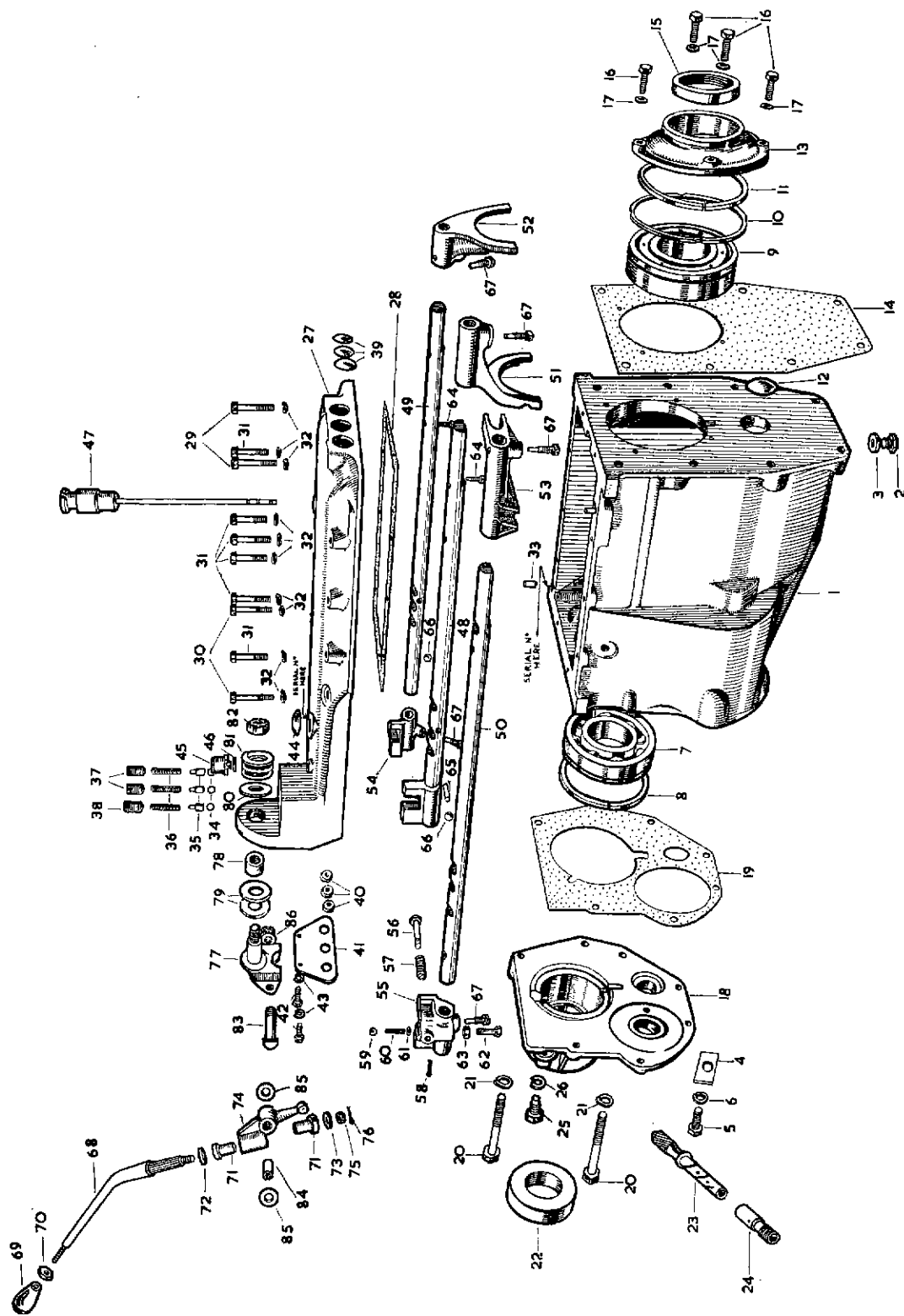


PLATE 26

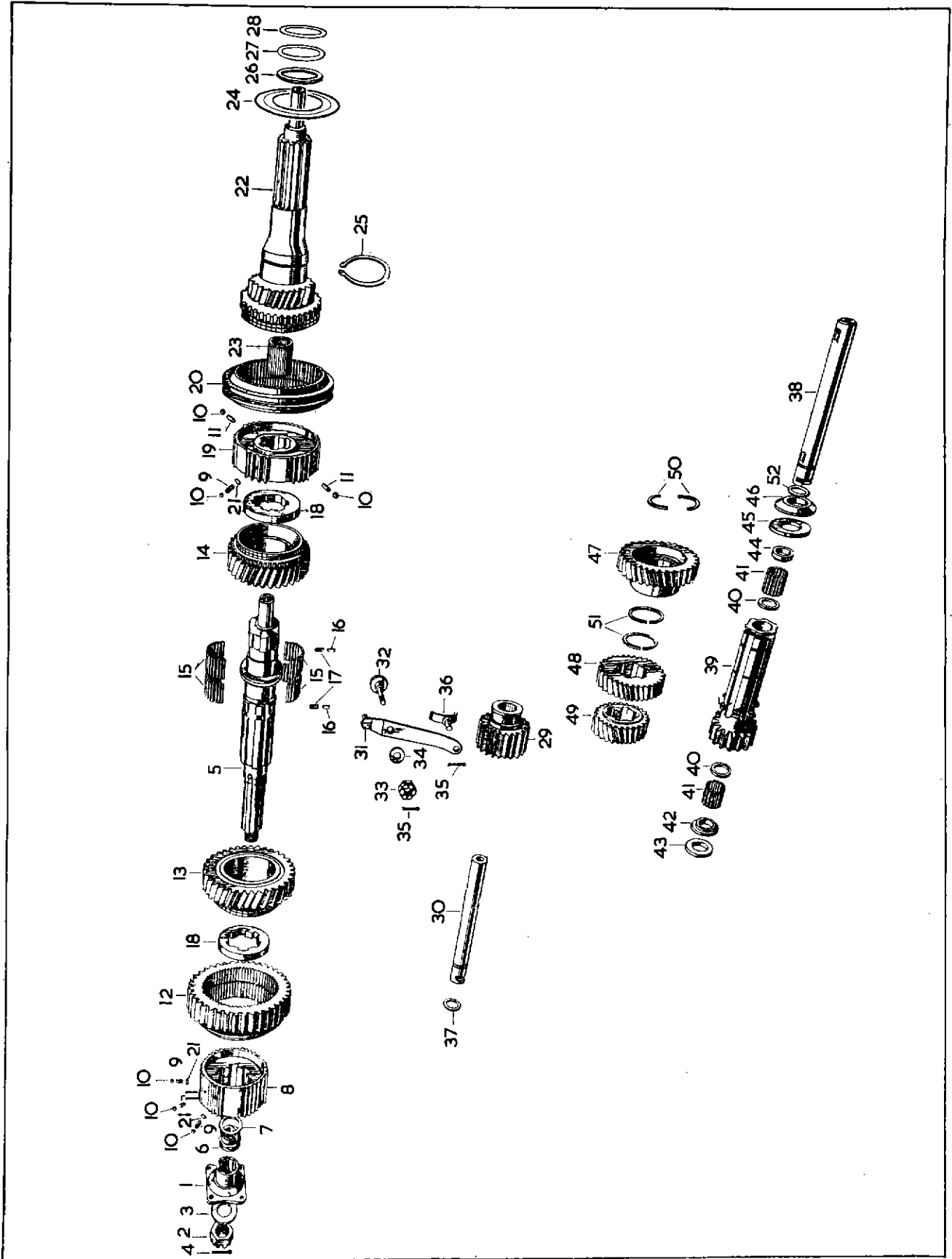


PLATE 27

GEARBOX

(SHAVED GEARS)
FOR XK.150 STANDARD TRANSMISSION

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	
C.799	Plug, Oil Drain, at bottom of Casing	28-	2	
C.799	Plug, Oil Level, at side of Casing	28-	2	
C.785	Washer (Fibre) on Drain Plugs	28-	3	
C.857	Plate, on casing, locking Counter and Reverse Shafts	28-	4	
FS.205/7D	Screw, Set, securing Locking Plate	28-	5	
FG.105/X	Washer, Spring, on Setscrew	28-	6	
C.1845	Ball Bearing, for Mainshaft (Hoff.MS.12½K)	28-	7	
C.1855	Circlip, securing Mainshaft Bearing	28-	8	
C.1838	Ball Bearing, for Constant Pinion Shaft (Hoff.340K)	28-	9	
C.1841	Collar, between Casing and Circlip	28-	10	
C.1840	Circlip, on Ball Bearing, behind Collar	28-	11	
C.920	Washer (Fibre) in Casing, at front end of Countershaft	28-	12	
C.11931	FRONT END COVER	28-	13	
C.1834	Gasket, between Front Cover and Casing	28-	14	
C.11934	Seal, Oil, in Front Cover	28-	15	
C.359	Screw, Set, securing Front End Cover to Casing	28-	16	
FW.105/E	Washer (Copper) on Setscrews	28-	17	
C.837	Wire, locking Setscrews			As req'd
C.7671	REAR END COVER	28-	18	
C.1866	Gasket, between Rear End Cover and Casing	28-	19	
FS.105/9D	Screw, Set, securing Rear Cover to Casing	28-	20	
FG.105/X	Washer, Spring, on Setscrews	28-	21	
C.859	Seal, Oil, in Rear End Cover	28-	22	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	28-	23	
C.858	Bearing for Speedometer Driven Gear	28-	24	
C.846	Screw, locking Bearing in Cover	28-	25	
FG.105/X	Washer, Spring, on Locking Screw	28-	26	
6254	GEARBOX REMOTE CONTROL ASSEMBLY (SD 1030) (COMPRISING TOP COVER, CHANGE-SPEED LEVER, CHANGE-SPEED FORKS, SELECTORS, ETC.)		1	

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FOR XK.150 STANDARD TRANSMISSION

Part No.	Description	Plate No.	No. per Unit	Remarks
C.6878	TOP COVER	28-27	1	
C.860	Gasket, between Top Cover and Gearbox Case	28-28	1	
FB.105/15D	Bolt, securing Top Cover	28-29	2	
FB.105/14D	Bolt, securing Top Cover	28-30	2	
FB.105/12D	Bolt, securing Top Cover	28-31	6	
FG.105/X	Washer, Spring, on Bolts	28-32	10	
OD.105/6H	Dowel, positioning Top Cover to Case	28-33	2	
C.1319	Ball, engaging Striking Rods	28-34	3	
C.13334	Plunger, engaging Striking Rods	28-35	3	
C.845	Spring, at top of Plungers	28-36	3	
C.849	Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	28-37	2	
C.884	Screw, Grub, applying tension to Plungers for Reverse Striking Rod	28-38	1	
C.837	Wire, locking Grub Screws		As req'd	
C.873	Plug, in front end of Cover, sealing apertures for Insertion of Striking Rods	28-39	3	
C.929	Seal (Felt) in rear end of Cover, for Striking Rods	28-40	3	
C.880	Plate, covering Felt washers	28-41	1	
FS.104/3D	Screw, Set, securing Cover Plate	28-42	2	
FG.104/X	Washer, Spring, on Setscrews	28-43	2	
C.315	Plug, Core, on top of Cover	28-44	1	
C.841	Breather, on top of Cover	28-45	1	
C.930	Washer (Fibre) for Breather	28-46	1	
C.927	Plug, on side of Cover, for insertion of Interlock Balls and Roller		1	
C.7379	Plug, on Top Cover		1	
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 (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.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 on Spring	28-62	1	
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.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	
C.837	Wire, locking Taper Screws and Lock Pins		As req'd	

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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 824001 to 824239 834001 to 835253
C.2291	Knob, for Change-Speed Lever		1	
C.14218	CHANGE-SPEED LEVER (CRANKED)	28-68	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	28-69	1	
C.1928	Nut, locking Knob to Change-Speed Lever	28-70	1	
C.1915	Bearing, Flexible, housing Change-Speed Lever in Selector Lever	28-71	2	
C.1919	Washer at top of Flexible Bearing	28-72	1	
C.1904	Washer at bottom of Flexible Bearing	28-73	1	
C.1918	Lever, Selector, housing Change-Speed Lever		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.14217	Lever, Selector, housing Change-Speed Lever	28-74	1	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 Lever	28-75	1	
L.103/8U	Pin, Split, securing Slotted Nut	28-76	1	
C.14470	Jaw, Pivot, for Selector Lever	28-77	1	
C.1907	Bush for Pivot Jaw	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	Nut, Slotted, securing Pivot Jaw to Top Cover	28-82	1	
L.103/8U	Pin, Split, securing Slotted Nut		1	
C.1912	Pin, Pivot, securing Selector Lever in Pivot Jaw	28-83	1	
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	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	28-86	1	
FN.407/L	Nut, Slotted, securing Pivot Pin		1	
L.103/8U	Pin, Split, securing Slotted Nut		1	
C.885	FLANGE, ON MAINSHAFT, FOR UNIVERSAL JOINT	29- 1	1	
C.840	Nut, Slotted, securing Flange to Mainshaft	29- 2	1	
C.925	Washer, Plain, under Slotted Nut	29- 3	1	
L.104/12U	Pin, Split, securing Slotted Nut	29- 4	1	

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Part No.	Description	Plate No.	No. per Unit	Remarks
C.4994	MAINSHAFT	29- 5	1	
C.910	Gear, Speedometer Driving	29- 6	1	
C.909	Distance Piece behind Speedometer Driving Gear	29- 7	1	
C.10209	Sleeve, Synchronising Assembly, 2nd speed	29- 8	1	
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 of the desired length.
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	29-11	3	
C.901/2	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long)	29-11	3	
C.10201	Gear, 1st Speed	29-12	1	
C.10202	Gear, 2nd Speed	29-13	1	
C.10203	Gear, 3rd Speed	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	} SELECTIVE SIZES. Choose the Washer of the desired thickness.
C.10206/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	29-18	2	
C.10206/3	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	29-18	2	
C.10208	Sleeve, Synchronising 3rd/Top Speeds	29-19	1	
C.4049/1	Sleeve, Operating 3rd/Top Speeds	29-20	1	
C.903	Shim for Synchro Sleeve (.006" thick)	29-21	As req'd	
C.914	Shim for Synchro Sleeve (.028" thick)	29-21	As req'd	
C.10200	CONSTANT PINION SHAFT ASSEMBLY	29-22	1	
C.1843	Bearing, Roller inside Constant Pinion Shaft	29-23	1	
C.2121	Oil Thrower on Constant Pinion Shaft	29-24	1	
C.11932	Locknut, on Constant Pinion Shaft securing Front Bearing	29-25	2	
C.11933	Tab Washer, retaining Locknut	29-26	1	
C.2070	REVERSE SPINDLE	29-27	1	
C.10205/1	Reverse Gear (complete with Bushes)	29-28	1	
C.1893	Lever, operating Reverse Gear	29-29	1	
C.1899	Fulcrum Pin, for Operating Lever	29-30	1	
C.777	Nut, Slotted, securing Fulcrum Pin	29-31	1	
FW.106/T	Washer, Plain, under Slotted Nut	29-32	1	
L.103/6U	Pin, Split, retaining Slotted Nut and Reverse Slipper	29-33	2	
C.866	Reverse Slipper	29-34	1	
C.4284	Sealing Ring on Reverse Spindle	29-35	1	

GEARBOX

(SHAVED GEARS)
FOR XK.150 STANDARD TRANSMISSION

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	Needle Roller	29-39	58	
C.1861	Thrust Washer , Inner, at rear of Counter adjacent to Needle Rollers	29-40	1	
C.1862	Thrust Washer , Outer, at rear of Counter (.156" thick)	29-41	1	} To eliminate end float on Countershaft, select Washer which has the desired thickness.
C.1862/1	Thrust Washer , Outer, at rear of Counter (.159" thick)	29-41	1	
C.1862/2	Thrust Washer , Outer, at rear of Counter (.162" thick)	29-41	1	
C.1862/3	Thrust Washer , Outer, at rear of Counter (.152" thick)	29-41	1	
C.1862/4	Thrust Washer , Outer, at rear of Counter (.164" thick)	29-41	1	
C.10210	Retaining Ring , at outer end of Front Needle Rollers	29-42	1	
C.8835	Thrust Washer , Inner, at front end of Counter	29-43	1	
C.1859	Thrust Washer , Outer Assembly, at front end of Counter	29-44	1	
C.4285	Sealing Ring on Countershaft	29-45	1	

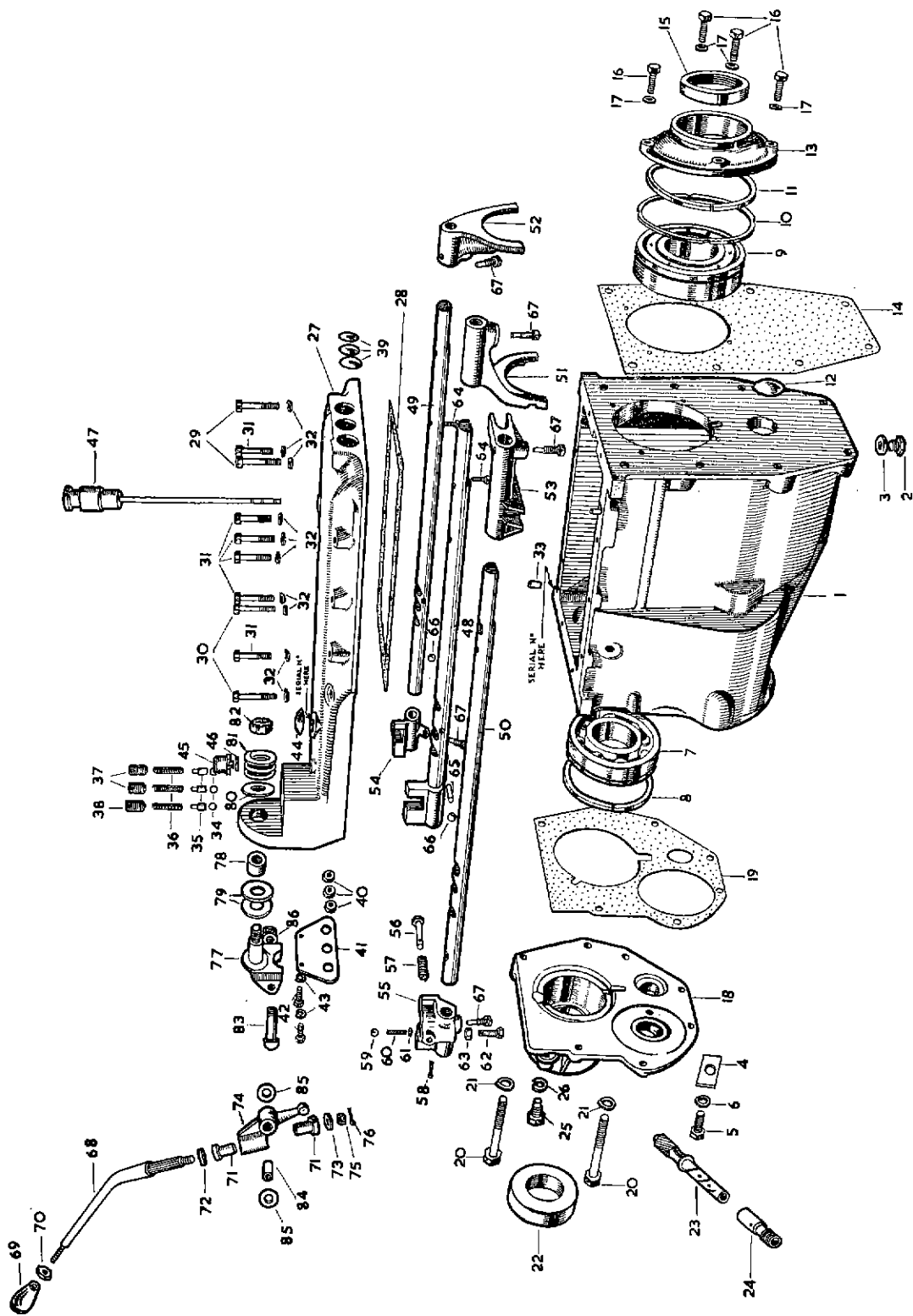


PLATE 28

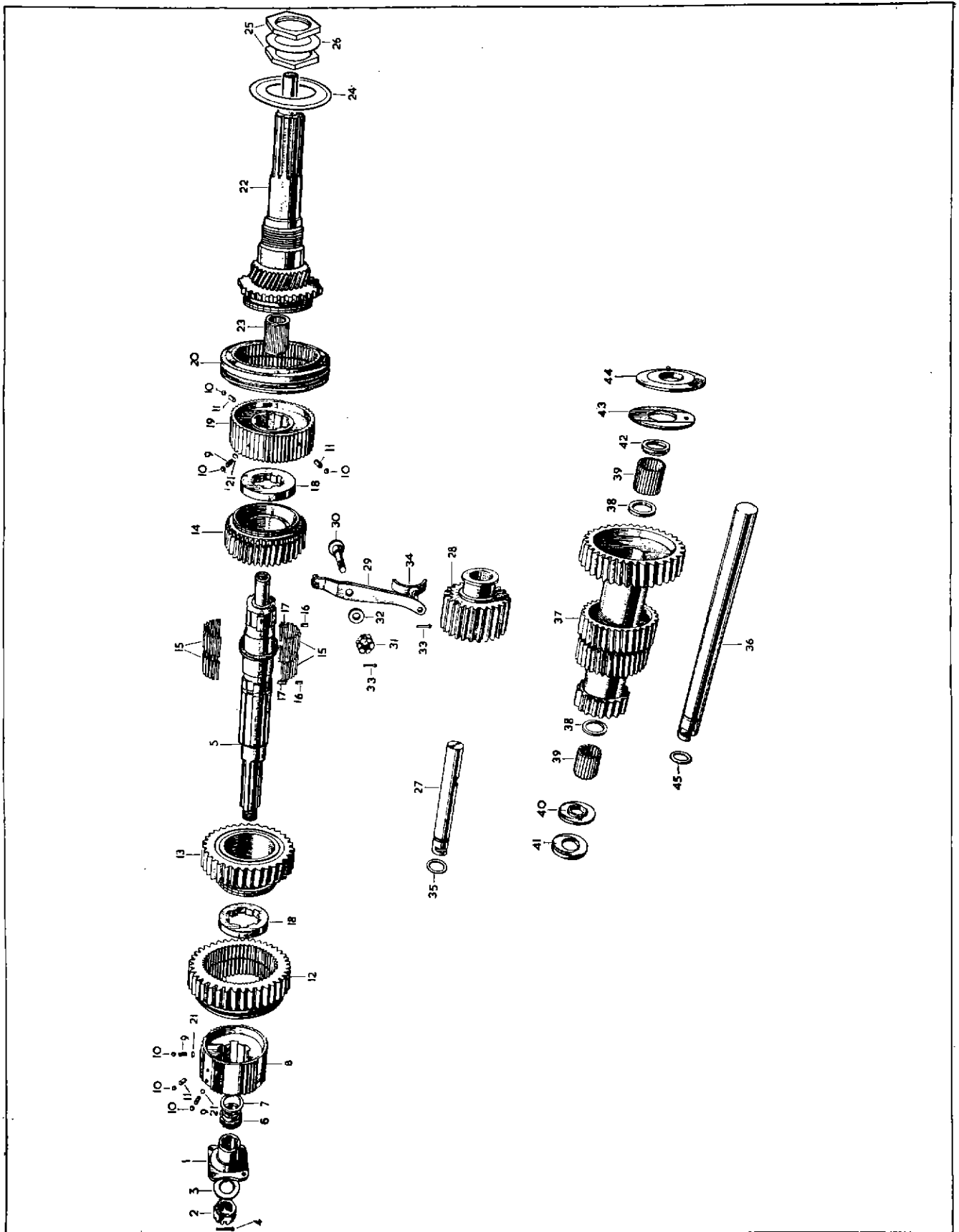


PLATE 29

GEARBOX

(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	Plug, Oil Drain, at bottom of Case	30- 2	1	
C.799	Plug, Oil Level, at side of Case	30- 2	1	
C.785	Washer (Fibre) on Drain Plug	30- 3	2	
C.857	Plate, at rear end of Case, locking Counter and Reverse Shafts	30- 4	1	
FS.205/7D	Screw, Set, securing Locking Plate	30- 5	1	
FG.105/X	Washer, Spring, on Setscrew	30- 6	1	
C.1845	Bearing, Ball, for Mainshaft (Hoff.MS.12½K)	30- 7	1	
C.1855	Circlip, around Mainshaft Bearing	30- 8	1	
C.1838	Bearing, Ball, for Constant Pinion Shaft (Hoff.340K)	30- 9	1	
C.1841	Collar, between Case and Circlip	30-10	1	
C.1840	Circlip, on Bearing, behind Collar	30-11	1	
C.920	Washer (Fibre) in Casing, at front end of Countershaft	30-12	1	
C.1833	FRONT END COVER	30-13	1	
C.1834	Gasket, between Front End Cover and Case	30-14	1	
C.6738	Seal, Oil, in Front End Cover	30-15	1	
C.1835	Screw, Set, securing Front End Cover to Case	30-16	4	
FW.105/E	Washer (Copper) on Setscrews	30-17	4	
C.837	Wire, locking Setscrews		As req'd	
C.7671	REAR END COVER	30-18	1	
C.1866	Gasket, between Rear End Cover and Casing	30-19	1	
FS.105/9D	Screw, Set, securing Rear End Cover to Casing	30-20	7	
FG.105/X	Washer, Spring, on Setscrews	30-21	7	
C.859	Seal, Oil, in Rear End Cover	30-22	1	
C.843	SPEEDOMETER DRIVEN GEAR IN REAR END COVER	30-23	1	
C.858	Bearing for Speedometer Driven Gear	30-24	1	
C.846	Screw, locking Bearing in Rear End Cover	30-25	1	
FG.105/X	Washer, Spring, on Screw	30-26	1	
6254	GEARBOX REMOTE CONTROL ASSEMBLY (SD 1030) (COMPRISING TOP COVER, CHANGE-SPEED LEVER, CHANGE-SPEED FORKS, SELECTORS, ETC.)		1	

GEARBOX

(MOSS CLOSE RATIO GEARS)

FOR XK.150 STANDARD TRANSMISSION

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	Bolt, securing Top Cover	30-30	2	
FB.105/12D	Bolt, securing Top Cover	30-31	6	
FG.105/X	Washer, Spring, on Bolts	30-32	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	Spring, at top of Plungers	30-36	3	
C.849	Screw, Grub, applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	30-37	2	
C.884	Screw, Grub, applying tension to Plunger for Reverse Striking Rod	30-38	1	
C.837	Wire, locking Grub Screws		As req'd	
C.873	Plug, in front end of Cover, sealing apertures for insertion of Striking Rods	30-39	3	
C.929	Seal (Felt) in rear end of Cover, for Striking Rods	30-40	3	
C.880	Plate, covering Felt Seals	30-41	1	
FS.104/3D	Screw, Set, securing Cover Plate	30-42	2	
FG.104/X	Washer, Spring, on Setscrews	30-43	2	
C.315	Plug, Core, on top of Cover	30-44	1	
C.841	Breather, on top of Cover	30-45	1	
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	Plug, sealing hole in Top Cover		1	
C.2296/1	Washer, (Copper) on Plug		1	
C.2675	DIPSTICK ASSEMBLY	30-47	1	
	STRIKING GEAR			
C.907	Rod, Striking (1st/2nd Gears)	30-48	1	
C.877	Rod, Striking (3rd/Top Gears)	30-49	1	
C.7358	Rod, Striking (Reverse Gear)	30-50	1	
C.7726	Fork, Change-Speed (1st/2nd Gears)	30-51	1	
C.7725	Fork, Change-Speed (3rd/Top Gears)	30-52	1	
C.7724	Fork, Change-Speed (Reverse Gear)	30-53	1	
C.905	Selector (3rd/Top Gears)	30-54	1	
C.1910	Selector (Reverse Gear)	30-55	1	
C.1909	Plunger in Reverse Selector	30-56	1	
C.2022	Spring on Plunger	30-57	1	
L.103/7U	Pin, Split, securing Plunger in Reverse Selector	30-58	1	
C.922	Ball, locking Plunger in Reverse Selector	30-59	1	
C.900	Spring, under Ball	30-60	1	
C.914	Shim under Spring	30-61	1	
AS.102/4D	Screw, Set, under Reverse Selector, adjusting tension on Spring	30-62	1	
AN.102/L	Nut, locking Setscrew when adjusted	30-63	1	
C.882	Stop Pin on 1st/2nd and 3rd/Top Striking Rods	30-64	2	
C.874	Roller, for Interlock, in 1st/2nd Striking Rod	30-65	1	
C.923	Ball, for Interlock, in 3rd/Top and Reverse Striking Rod	30-66	2	
C.844	Screw, Set (Taper) securing Forks and Selectors	30-67	5	
C.837	Wire, locking Taper Screws and Lock Pins		As req'd	

GEARBOX

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

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 824001 to 824239 834001 to 835253
C.2291	Knob, for Change-Speed Lever		1	
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. 824240 and subs. 835254 and subs.
C.16154	Knob, for Change-Speed Lever	30-69	1	
C.1928	Nut, locking Knob to Change-Speed Lever	30-70	1	
C.1915	Bearing, Flexible, housing Change-Speed Lever in Selector Lever	30-71	2	
C.1919	Washer at top of Flexible Bearing	30-72	1	
C.1904	Washer at bottom of Flexible Bearing	30-73	1	
C.1918	Lever, Selector, housing Change-Speed Lever		1	Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.14217	Lever, Selector, housing Change-Speed Lever	30-74	1	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 Lever	30-75	1	
L.103/8U	Pin, Split, securing Slotted Nut	30-76	1	
C.14470	Jaw, Pivot, for Selector Lever	30-77	1	
C.1907	Bush for Pivot Jaw	30-78	1	
C.1894	Washer, Thrust, on Pivot Jaw	30-79	2	
C.1914	Washer, Locking, on Pivot Jaw	30-80	1	
C.1905	Washer, Spring, on Pivot Jaw	30-81	1	
FN.407/L	Nut, Slotted, securing Pivot Jaw to Top Cover	30-82	1	
L.103/8U	Pin, Split, securing Slotted Nut		1	
C.1912	Pin, Pivot, securing Selector Lever in Pivot Jaw	30-83	1	
C.1906	Bush, in Selector Lever, for Pivot Pin	30-84	1	
C.1908	Washer, Thrust, at each side of boss on Selector Lever	30-85	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	30-86	1	
FN.407/L	Nut, Slotted, securing Pivot Pin		1	
L.103/8U	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	Washer, Plain, under Slotted Nut	31- 3	1	
L.104/12U	Pin, Split, securing Slotted Nut	31- 4	1	

GEARBOX

(MOSS CLOSE RATIO GEARS)

FOR XK.150 STANDARD TRANSMISSION

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	1	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	31- 9	12	
C.922	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 the desired length.
C.901/1	Plunger in 2nd and 3rd/Top Synchro Sleeves (.495" long)	31-11	3	
C.901/2	Plunger in 2nd and 3rd/Top Synchro Sleeves (.500" long)	31-11	3	
C.1897	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	31-17	2	
C.1847/1	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	31-18	2	} SELECTIVE SIZES. Choose Washer of desired thickness.
C.1847/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	31-18	2	
C.1847/3	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	31-18	2	
C.4116	Sleeve, Synchronising 3rd/Top Speeds	31-19	1	
C.4049	Sleeve, Operating 3rd/Top Speeds	31-20	1	
C.903	Shim for Synchro Sleeve (.006" thick)	31-21	As req'd	
C.914	Shim for Synchro 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	Constant Pinion	31-24	1	
C.1842	Thrower, Oil	31-25	1	
C.1838/1	Circlip, retaining Ball Bearing on Constant Pinion Shaft	31-26	1	
C.2109	Washer for Constant Pinion	31-27	1	
C.2110	Shim for Constant Pinion	31-28	As req'd	
C.2111	Shim for Constant Pinion	31-29	As req'd	
C.2068/2	REVERSE GEAR ASSEMBLY	31-30	1	
C.2070	Spindle for Reverse Gear	31-31	1	
C.1893	Lever, operating Reverse Gear	31-32	1	
C.1899	Pin, Fulcrum, for Operating Lever	31-33	1	
C.777	Nut, Slotted, securing Fulcrum Pin	31-34	1	
FW.106/T	Washer, Plain, under Slotted Nut	31-35	1	
L.103/8U	Pin, Split, securing Slotted Nut and Reverse Slipper	31-36	2	
C.866	Slipper, Reverse	31-37	1	
C.4284	Ring, Sealing, on Reverse Spindle	31-38	1	

GEARBOX

(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	Gear Unit (Cluster)	31-40	1	
C.918	Roller, Needle, inside Gear Unit	31-41	58	
C.1864	Ring, retaining Needle Rollers	31-42	3	
C.1858	Washer, Thrust, Inner, at front of Countershaft	31-43	1	
C.1859	Washer, Thrust, Outer, Assembly at front of Countershaft	31-44	1	
C.1861	Washer, Thrust, Inner, at rear of Counter, adjacent to Needle Rollers	31-45	1	
C.1862	Washer, Thrust, Outer, at rear of Counter (.156" thick)	31-46	1	} To eliminate end float on Countershaft, select Washer which has the desired thickness.
C.1862/1	Washer, Thrust, Outer, at rear of Counter (.159" thick)	31-46	1	
C.1862/2	Washer, Thrust, Outer, at rear of Counter (.162" thick)	31-46	1	
C.1862/3	Washer, Thrust, Outer, at rear of Counter (.152" thick)	31-46	1	
C.1862/4	Washer, Thrust, Outer, at rear of Counter (.164" thick)	31-46	1	
C.4285	Ring, Sealing (Cord) on Countershaft	31-47	1	

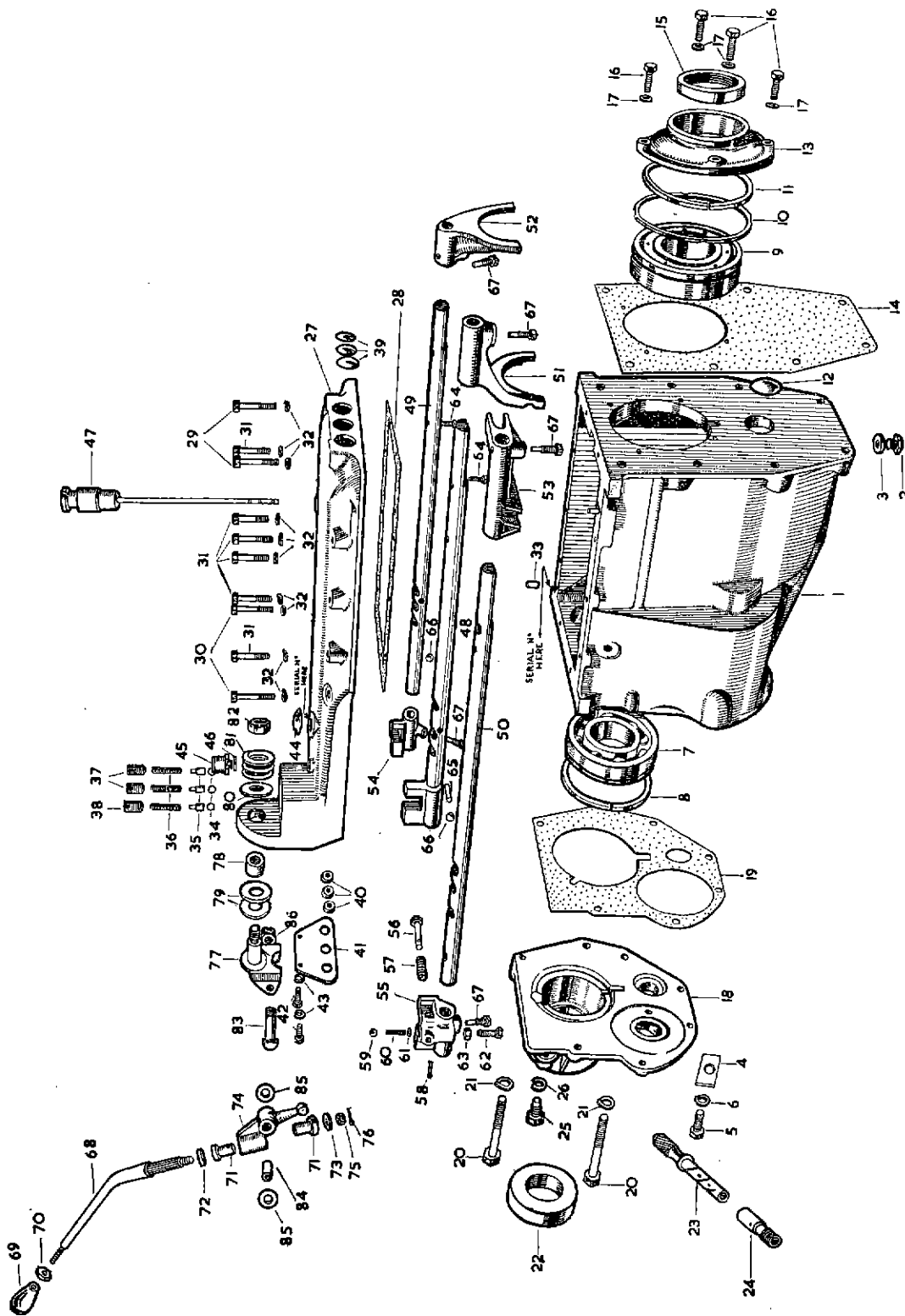


PLATE 30

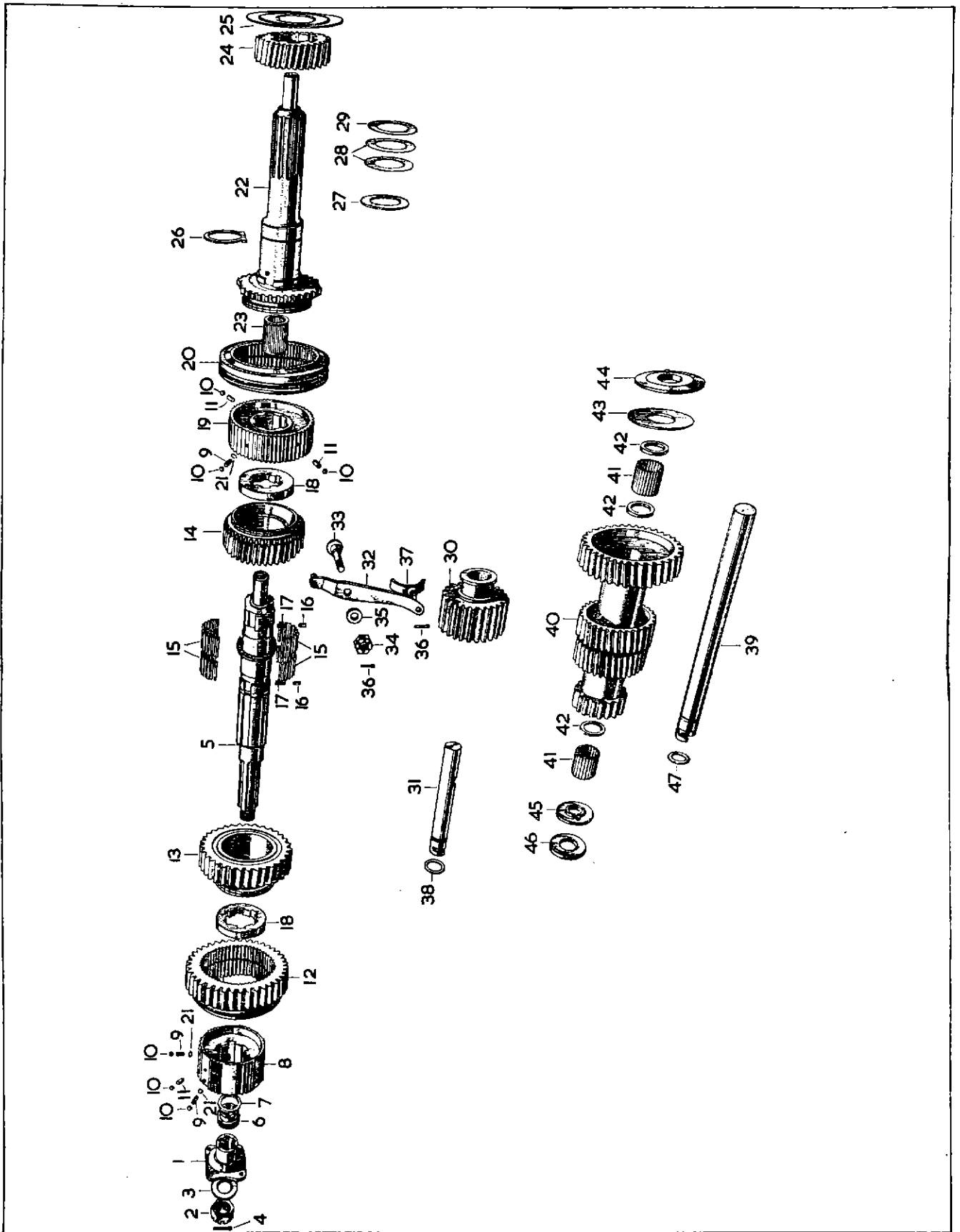


PLATE 31

ELECTRICALLY OPERATED OVERDRIVE UNIT

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	Plug, Oil Drain, at bottom of Casing	32- 2	1	
C.799	Plug, Oil Level, at side of Casing	32- 2	1	
C.785	Washer (Fibre) on Drain Plug	32- 3	2	
C.857	Plate, locking Counter and Reverse Shafts	32- 4	1	
FS.205/5D	Screw, Set, securing Locking Plate	32- 5	1	
FG.105/X	Washer, Spring, on Setscrew	32- 6	1	
C.1845	Bearing, Ball, for Mainshaft (MS.12½K)	32- 7	1	
C.1855	Circlip, securing Mainshaft Bearing	32- 8	1	
C.8458/1	Shim, for Mainshaft Bearing (.002" thick)	32-8A	As req'd	
C.8458/2	Shim, for Mainshaft Bearing (.003" thick)	32-8A	As req'd	
C.8458/3	Shim, for Mainshaft Bearing (.004" thick)	32-8A	As req'd	
C.1838	Bearing, Ball, for Constant Pinion Shaft (Hoff.340K)	32- 9	1	
C.1841	Collar, between Casing and Circlip	32-10	1	
C.1840	Circlip, on Bearing behind Collar	32-11	1	
C.920	Washer, (Fibre) in casing at front end of Countershaft	32-12	1	
C.1833	FRONT END COVER	32-13	1	
C.1834	Gasket, between Front Cover and Gearbox Case	32-14	1	
C.6738	Seal, Oil, in Front End Cover	32-15	1	
C.359	Screw, Set, securing Cover to Case	32-16	4	
FW.105/E	Washer (Copper) on Setscrew	32-17	4	
C.837	Wire, locking Setscrew		As req'd	
C.1866	Gasket, between Gearbox Case and Overdrive Extension	32-18	1	
FS.105/9D	Screw, Set, securing Overdrive Unit to Gearbox	32-19	7	
FG.105/X	Washer, Spring, on Setscrews	32-20	7	
	STRIKING GEAR			
C.907	Rod, Striking, 1st/2nd Gears	32-21	1	
C.6879	Rod, Striking, 3rd/Top Gears	32-22	1	
C.7358	Rod, Striking, Reverse Gear	32-23	1	
C.6849	Fork, Change-Speed, 1st/2nd Gears	32-24	1	
C.6848	Fork, Change-Speed, 3rd/Top Gears	32-25	1	
C.6850	Fork, Change-Speed, Reverse Gear	32-26	1	
C.7639	Selector, 3rd/Top Gears	32-27	1	
C.1910	Selector, Reverse Gear	32-28	1	
C.1909	Plunger, in Reverse Selector	32-29	1	
C.2022	Spring for Plunger	32-30	1	
AS.102/4D	Screw, Set, in Reverse Selector adjusting Tension on Spring	32-31	1	
AN.102/L	Nut, locking Setscrew in position	32-32	1	
L.103/7U	Pin, Splt, securing Plunger In Reverse Selector	32-33	1	
C.922	Ball, locking Plunger	32-34	1	
C.900	Spring, under Ball	32-35	1	
C.914	Shim, under Spring	32-36	1	
C.882	Pin, Stop, on 1st/2nd and 3rd/Top Striking Rods	32-37	2	
C.874	Roller for Interlock (in 1st/2nd Striking Rods)	32-38	1	
C.923	Ball, for Interlock (in 3rd/Top and Reverse Striking Rods)	32-39	2	
C.844	Screw, Set, (Taper) securing Forks and Selectors	32-40	5	
C.837	Wire, locking Taper Screws and Stop Pins		As req'd	

ELECTRICALLY OPERATED OVERDRIVE UNIT

GEARBOX

(CLOSE RATIO GROUND GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
6255	REMOTE CONTROL, COMPLETE (SD.1031) (COMPRISING TOP COVER, STRIKING RODS, FORKS, SELECTORS, CHANGE-SPEED LEVER, ETC.)		1	
C.6878	TOP COVER	32-41	1	
C.1083	Switch , for Top Cover, operating Reversing Light and Top Gear for Overdrive Unit	32-41A	2	
C.4531	Gasket for Switches	32-41B	2	
C.6851	Packing , between Top Cover and Gearbox Case	32-42	1	
C.860	Gasket , at each side of Packing	32-43	2	
FB.105/24D	Bolt , securing Top Cover	32-44	2	
FB.105/23D	Bolt , securing Top Cover	32-45	2	
FB.105/21D	Bolt , securing Top Cover	32-46	6	
FG.105/X	Washer , Spring, on Bolts	32-47	10	
OD.105/14H	Dowel , positioning Top Cover to Casing	32-48	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	2	
FG.104/X	Washer , Spring, on Setscrews	32-58	2	
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		1	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	

ELECTRICALLY OPERATED OVERDRIVE UNIT

GEARBOX

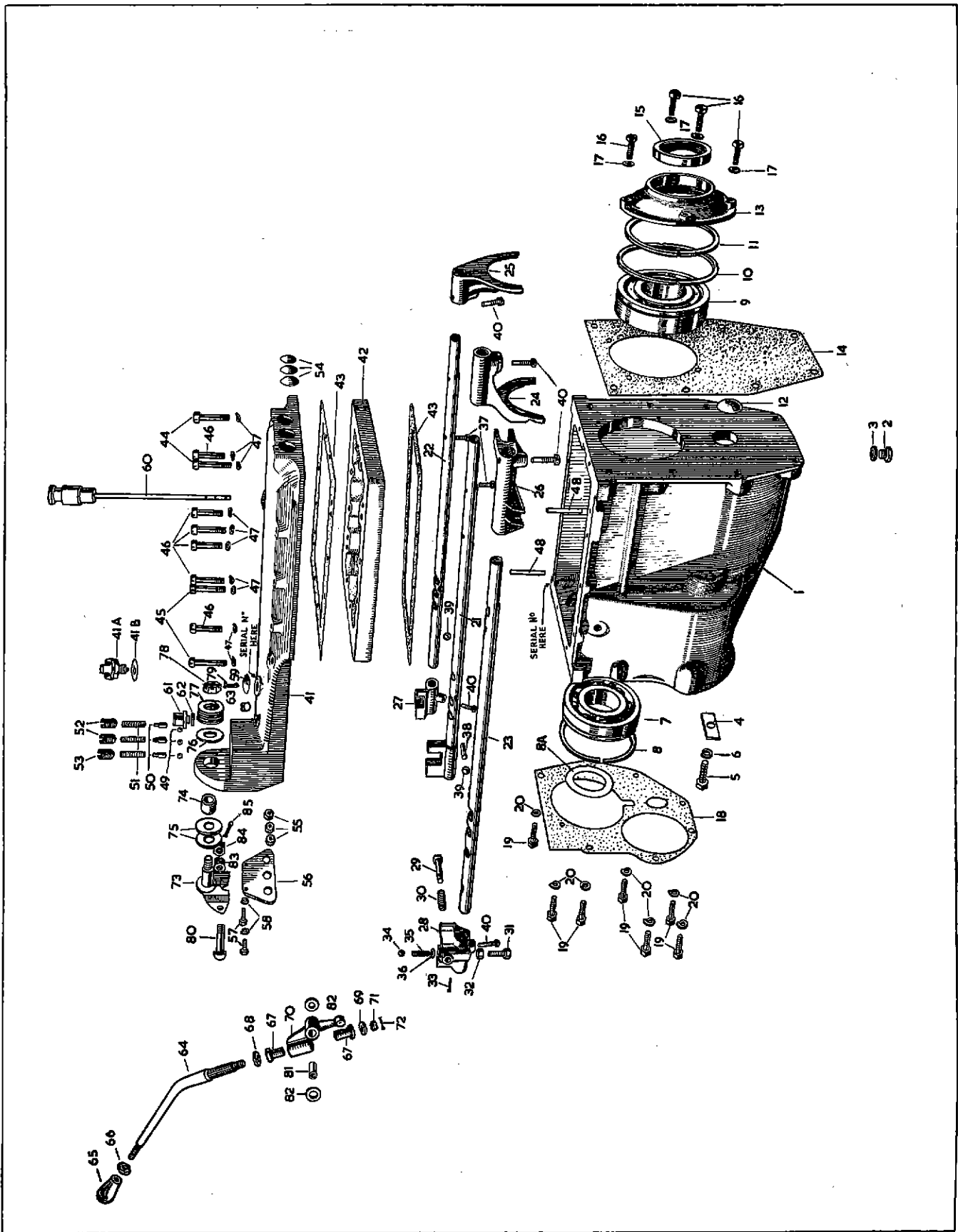
(CLOSE RATIO GROUND GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.14218	CHANGE-SPEED LEVER	32-64	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	32-65	1	
C.1928	Nut, locking Knob to Change-Speed Lever	32-66	1	
C.1915	Bearing, Flexible, housing Change-Speed Lever in Selector Lever	32-67	2	
C.1919	Washer, at top of Flexible Bearing	32-68	1	
C.1904	Washer, at bottom of Flexible Bearing	32-69	1	} Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.1918	Lever, Selector, housing Change-Speed Lever		1	
C.14217	Lever, Selector, housing Change-Speed Lever	32-70	1	} 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 Lever	32-71	1	
L.103/8U	Pin, Split, securing Slotted Nut	32-72	1	
C.14470	Jaw, Pivot, for Selector Lever	32-73	1	
C.1907	Bush for Pivot Jaw	32-74	1	
C.1894	Washer, Thrust, on Pivot Jaw	32-75	2	
C.1914	Washer, locking on Pivot Jaw	32-76	1	
C.1905	Washer, Spring, on Pivot Jaw	32-77	1	
FN.407/L	Nut, Slotted, securing Pivot Jaw	32-78	1	
L.103/8U	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	1	
C.1908	Washer, Thrust, at each side of Selector Lever	32-82	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	32-83	1	
FN.407/L	Nut, Slotted, securing Pivot Pin	32-84	1	
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- 2	1	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	33- 3	12	
C.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves	33- 4	13	
C.901	Plunger, in 2nd Speed Synchro Sleeve (.490" long)	33- 5	3	} SELECTIVE SIZES CHOOSE PLUNGERS OF DESIRED LENGTH.
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	
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	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.1324	Spring, under Plungers	33-11	2	
C.2678/1	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	33-12	2	} SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS.
C.2678/2	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	33-12	2	
C.2678/3	Washer, Thrust, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	33-12	2	
C.4122	Sleeve, Synchronising 3rd/Top Speeds	33-13	1	} SELECTIVE SIZES CHOOSE PLUNGERS OF DESIRED LENGTH.
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	
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.914	Shim under Springs in Synchro Sleeves (.028" thick)	33-17	As req'd	

ELECTRICALLY OPERATED OVERDRIVE UNIT

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	Washer, for Constant Pinion Shaft	33-22	1	
C.2110	Shim, for Constant Pinion Shaft	33-23	As req'd	
C.2111	Shim, for Constant Pinion Shaft	33-24	As req'd	
C.2070	REVERSE SPINDLE	33-25	1	
C.2044/2	Gear, Reverse Assembly (complete with Bush)	33-26	1	
C.1893	Lever, operating Reverse Gear	33-27	1	
C.1899	Pin, Fulcrum, for Operating Lever	33-28	1	
C.777	Nut, Slotted, securing Fulcrum Pin	33-29	1	
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	1	
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	2	
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)	33-39	1	} SELECTIVE SIZES CHOOSE WASHER OF DESIRED THICKNESS.
C.1862/1	Washer, Thrust, Outer, at rear of Counter (.159" thick)	33-39	1	
C.1862/2	Washer, Thrust, Outer, at rear of Counter (.162" thick)	33-39	1	
C.1862/3	Washer, Thrust, Outer, at rear of Counter (.152" thick)	33-39	1	
C.1862/4	Washer, Thrust, Outer, at rear of Counter (.164" thick)	33-39	1	
C.2043	Ring, Retaining, at outer end of Front Needle Rollers	33-40	1	
C.8835	Washer, Thrust, Inner, at front end of Counter	33-41	1	
C.1859	Washer, Thrust, Outer Assembly, at front end of Counter	33-42	1	
C.5826	Wheel, Constant	33-43	1	
C.2046	Gear, 3rd Speed Countershaft	33-44	1	
C.2047	Gear, 2nd Speed Countershaft	33-45	1	
C.2045	Ring, Split, locating Constant Wheel	33-46	2 halves	
C.2072	Circlip, positioning 3rd Speed Gear and Constant Wheel	33-47	2	
C.4285	Ring, Sealing, on Countershaft	33-48	1	



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PLATE 32

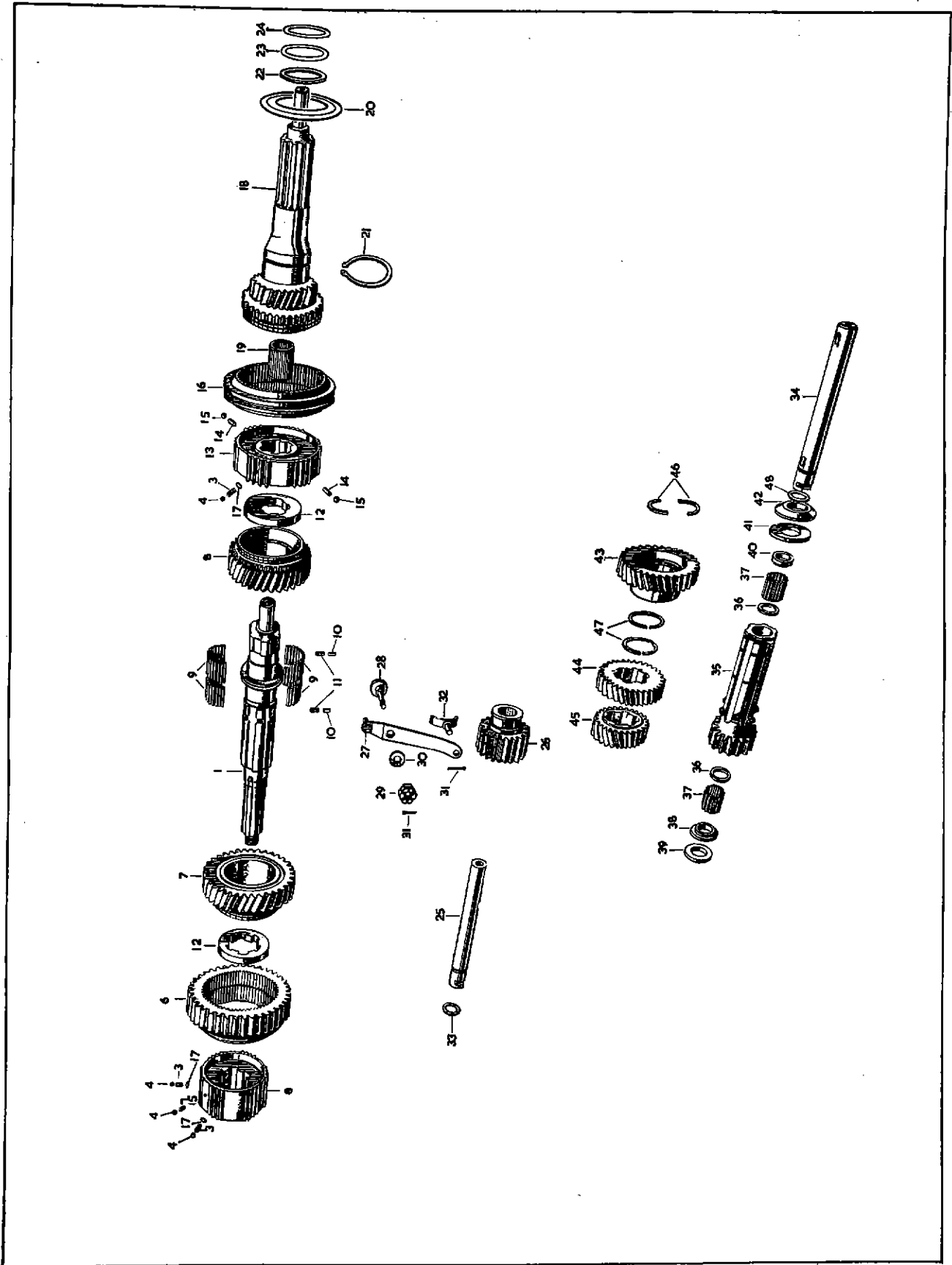


PLATE 33

ELECTRICALLY OPERATED OVERDRIVE UNIT

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	Plug, Oil Drain, at bottom of Case	34- 2	1	
C.799	Plug, Oil Level, at side of Case	34- 2	1	
C.785	Washer (Fibre) on Plugs	34- 3	2	
C.857	Plate, locking Counter and Reverse Shafts	34- 4	1	
FS.205/5D	Screw, Set, securing Locking Plate	34- 5	1	
FG.105/X	Washer, Spring, on Setscrew	34- 6	1	
C.1845	Ball Bearing for Mainshaft (Hoff.MS.12½K)	34- 7	1	
C.1855	Circlip, securing Mainshaft Bearing	34- 8	1	
C.8458/1	Shim for Mainshaft Bearing (.002" thick)	34-8A	As req'd	
C.8458/2	Shim for Mainshaft Bearing (.003" thick)	34-8A	As req'd	
C.8458/3	Shim for Mainshaft Bearing (.004" thick)	34-8A	As req'd	
C.1838	Ball Bearing for Constant Pinion Shaft (Hoff.340K)	34- 9	1	
C.1841	Collar, between Casing and Circlip	34-10	1	
C.1840	Circlip, on Bearing, behind Collar	34-11	1	
C.920	Washer (Fibre) in Casing, at front end of Countershaft	34-12	1	
C.11931	FRONT END COVER	34-13	1	
C.1834	Gasket, between Front End Cover and Gearbox Case	34-14	1	
C.11934	Seal, Oil, in Front End Cover	34-15	1	
C.359	Screw, Set, securing Front End Cover to Gearbox Case	34-16	4	
FW.105/E	Washer (Copper) on Setscrews	34-17	4	
C.837	Wire, locking Setscrews		As req'd	
C.1866	Gasket, between Overdrive Unit and Gearbox Case	34-18	1	
FS.105/9D	Screw, Set, securing Overdrive Unit to Gearbox	34-19	7	
FG.105/X	Washer, Spring, on Setscrews	34-20	7	
	STRIKING GEAR			
C.907	Striking Rod 1st/2nd Gears	34-21	1	
C.6879	Striking Rod 3rd/Top Gears	34-22	1	
C.7358	Striking Rod Reverse Gear	34-23	1	
C.6849	Change-Speed Fork 1st/2nd Gears	34-24	1	
C.6848	Change-Speed Fork 3rd/Top Gears	34-25	1	
C.6850	Change-Speed Fork Reverse Gear	34-26	1	
C.7639	Selector 3rd/Top Gears	34-27	1	
C.1910	Selector Reverse Gear	34-28	1	
C.1909	Plunger, for Reverse Selector	34-29	1	
C.2022	Spring, for Plunger	34-30	1	
AS.102/4D	Screw, Set, in Reverse Selector	34-31	1	
AN.102/L	Nut, locking Setscrew in position	34-32	1	
L.103/7U	Pin, Split, securing Plunger in Reverse Selector	34-33	1	
C.922	Ball, locking Plunger	34-34	1	
C.900	Spring, under Ball	34-35	1	
C.914	Shim, under Spring	34-36	1	
C.882	Stop Pin on 1st/2nd and 3rd/Top Striking Rods	34-37	2	
C.874	Roller for Interlock (in 1st/2nd Striking Rod)	34-38	1	
C.923	Ball for Interlock (in 3rd/Top and Reverse Striking Rods)	34-39	2	
C.844	Screw, Set, (Taper) securing Forks and Selectors	34-40	5	
C.837	Wire locking Taper Screws and Stop Pins		As req'd	

ELECTRICALLY OPERATED OVERDRIVE UNIT

GEARBOX

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
6255	REMOTE CONTROL, COMPLETE (SD.1031) (COMPRISING TOP COVER, STRIKING RODS, FORKS, SELECTORS, CHANGE- SPEED LEVER, ETC.)		1	
C.6878	TOP COVER	34-41	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	
FB.105/23D	Bolt, securing Top Cover to Gearbox Case	34-45	2	
FB.105/21D	Bolt, securing Top Cover to Gearbox Case	34-46	6	
FG.105/X	Washer, Spring, on Bolts	34-47	10	
OD.105/14H	Dowel, positioning Top Cover to Casing	34-48	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	3	
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 req'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 and Roller	34-63	1	
C.2462	CHANGE-SPEED LEVER		1	} 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	

ELECTRICALLY OPERATED OVERDRIVE UNIT

GEARBOX (SHAVED GEARS)

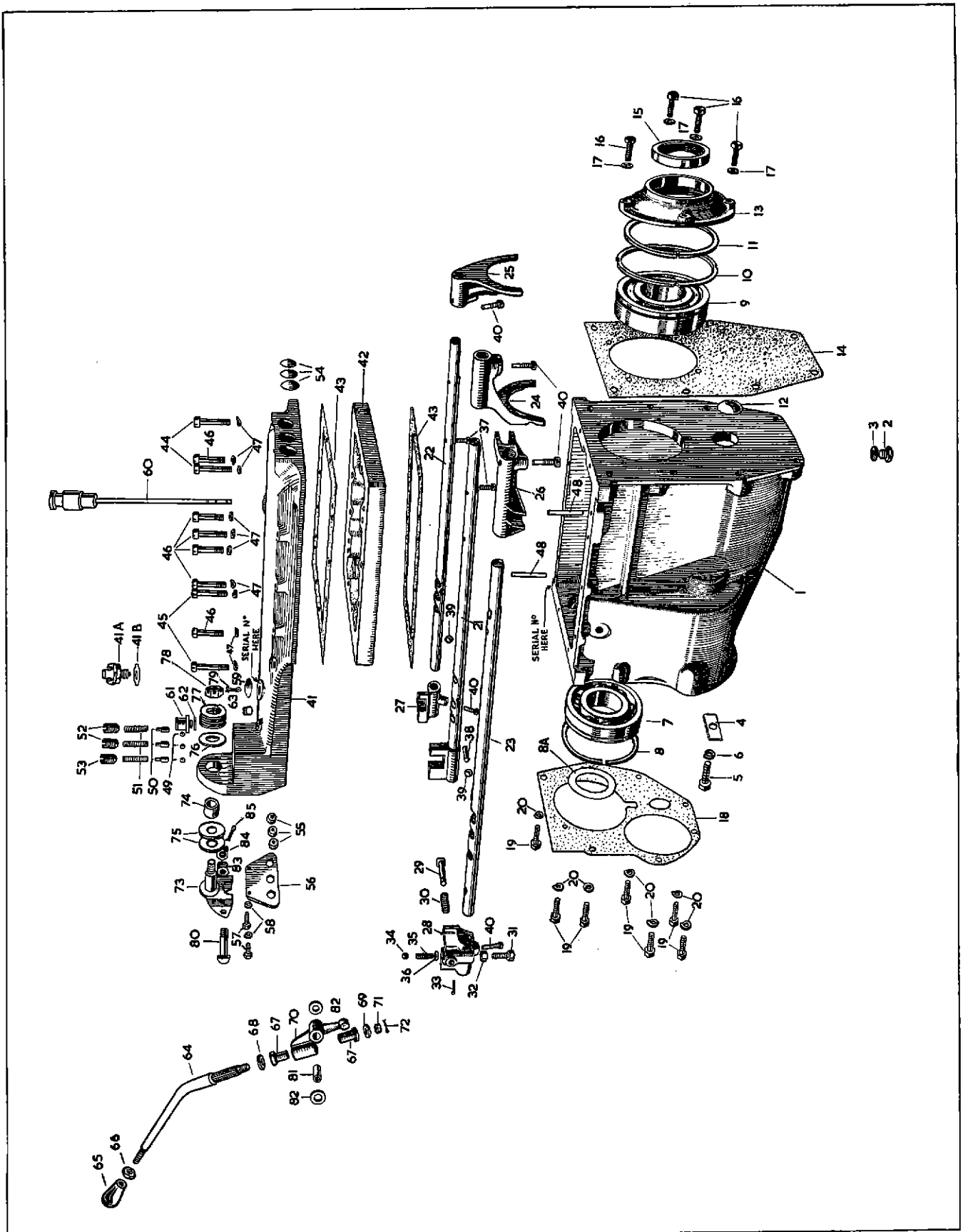
Part No.	Description	Plate No.	No. per Unit	Remarks
C.14218	CHANGE-SPEED LEVER	34-64	1	} Fitted to Chassis No. 820001 and subs. 830016 and subs. 827008 and subs. 837320 and subs. 824240 and subs. 835254 and subs.
C.16154	Knob for Change-Speed Lever	34-65	1	
C.1928	Nut, locking Knob to Change-Speed Lever	34-66	1	
C.1915	Flexible Bearing, housing Change-Speed Lever in Selector Lever	34-67	2	
C.1919	Washer, at top of Flexible Bearing	34-68	1	} Fitted from Chassis No. 830001 to 830015 827001 to 827007 837001 to 837319 824001 to 824239 834001 to 835253
C.1904	Washer, at bottom of Flexible Bearing	34-69	1	
C.1918	Selector Lever, housing Change-Speed Lever		1	
C.14217	Selector Lever, housing Change-Speed Lever	34-70	1	
FN.405/L	Nut, Slotted, securing Change-Speed Lever in Selector Lever	34-71	1	
L.103/BU	Split Pin, securing Slotted Nut	34-72	1	
C.14470	Pivot Jaw, for Selector Lever	34-73	1	
C.1907	Bush for Pivot Jaw	34-74	1	
C.1894	Thrust Washer on Pivot Jaw	34-75	2	
C.1914	Locking Washer on Pivot Jaw	34-76	1	
C.1905	Washer, Spring, on Pivot Jaw	34-77	1	
FN.407/L	Nut, Slotted, securing Pivot Jaw	34-78	1	
L.103/BU	Split Pin, securing Slotted Nut	34-79	1	
C.1912	Pivot Pin, mounting Selector Lever in Pivot Jaw	34-80	1	
C.1906	Bush, in Selector Lever for Pivot Jaw	34-81	1	
C.1908	Thrust Washer, at each side of Selector Lever	34-82	2	
C.1929	Washer, Spring, between Thrust Washer and Pivot Jaw	34-83	1	
FN.407/L	Nut, Slotted, securing Pivot Pin	34-84	1	
L.103/BU	Split Pin, securing Slotted Nut	34-85	1	
C.6830	MAINSHAFT	35- 1	1	
C.10209	Synchronising Sleeve Assembly, 2nd Speed	35- 2	1	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	35- 3	12	
C.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves	35- 4	13	
C.901	Plunger, in 2nd Speed Synchro Sleeve (.490" long)	35- 5	1	} SELECTIVE SIZES CHOOSE PLUNGER OF DESIRED LENGTH
C.901/1	Plunger, in 2nd Speed Synchro Sleeve (.495" long)	35- 5	1	
C.901/2	Plunger, in 2nd Speed Synchro Sleeve (.500" long)	35- 5	1	
C.10201	Gear, 1st Speed Mainshaft	35- 6	1	
C.10202	Gear, 2nd Speed Mainshaft	35- 7	1	
C.10203	Gear, 3rd Speed Mainshaft	35- 8	1	
C.1850	Needle Roller, in 2nd and 3rd Speed Gears	35- 9	82	
C.1849	Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears	35-10	2	
C.1324	Spring, under Plungers	35-11	2	
C.10206/1	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	35-12	2	} SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS
C.10206/2	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	35-12	2	
C.10206/3	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	35-12	2	
C.10208	Synchronising Sleeve, 3rd/Top Speeds	35-13	1	
C.901	Plunger, in 3rd/Top Synchro Sleeve (.490" long)	35-14	2	} SELECTIVE SIZES CHOOSE PLUNGER OF DESIRED LENGTH
C.901/1	Plunger, in 3rd/Top Synchro Sleeve (.495" long)	35-14	2	
C.901/2	Plunger, in 3rd/Top Synchro Sleeve (.500" long)	35-14	2	
C.922	Ball, at top of Plungers in 3rd/Top Synchro Sleeve	35-15	2	
C.4049/1	Operating Sleeve, 3rd/Top Speeds	35-16	1	
C.903	Shim, under Springs in Synchro Sleeves (.006" thick)	35-17	As req'd	
C.914	Shim, under Springs in Synchro Sleeves (.028" thick)	35-17	As req'd	

ELECTRICALLY OPERATED OVERDRIVE UNIT

GEARBOX

(SHAVED GEARS)

Part No.	Description	Plate No.	No. per Unit	Remarks
C.10200	CONSTANT PINION SHAFT	35-18	1	
C.1843	Roller Bearing, inside Constant Pinion Shaft	35-19	1	
C.2121	Oil Thrower, on Constant Pinion Shaft	35-20	1	
C.11932	Nut, locking Bearing	35-21	2	
C.11933	Tab Washer, for Nut	35-22	1	
C.2070	REVERSE SPINDLE	35-23	1	
C.10205/1	Reverse Gear (complete with Bush)	35-24	1	
C.1893	Lever, operating Reverse Gear	35-25	1	
C.1899	Fulcrum Pin, for Operating Lever	35-26	1	
C.777	Nut, Slotted, securing Fulcrum Pin	35-27	1	
FW.106/T	Washer, Plain, under Slotted Nut	35-28	1	
L.103/8U	Split Pin, retaining Slotted Nut and Reverse Slipper	35-29	2	
C.866	Reverse Slipper	35-30	1	
C.4284	Sealing Ring, on Reverse Spindle	35-31	1	
C.1856	COUNTERSHAFT	35-32	1	
C.10284	GEAR UNIT (CLUSTER)	35-33	1	
C.1864	Retaining Ring, at rear of Needle Rollers	35-34	2	
C.918	Needle Roller	35-35	58	
C.1861	Thrust Washer, Inner Assembly, at rear of Counter adjacent to Needle Rollers	35-36	1	
C.1862	Thrust Washer, Outer, at rear of Counter (.156" thick)	35-37	1	} SELECTIVE SIZES CHOOSE WASHER OF DESIRED THICKNESS
C.1862/1	Thrust Washer, Outer, at rear of Counter (.159" thick)	35-37	1	
C.1862/2	Thrust Washer, Outer, at rear of Counter (.162" thick)	35-37	1	
C.1862/3	Thrust Washer, Outer, at rear of Counter (.152" thick)	35-37	1	
C.1862/4	Thrust Washer, Outer, at rear of Counter (.164" thick)	35-37	1	
C.10210	Spacer for Needle Rollers	35-38	1	
C.8835	Thrust Washer, Inner, at front end of Counter	35-39	1	
C.1859	Thrust Washer, Outer Assembly, at front end of Counter	35-40	1	
C.4285	Sealing Ring on Countershaft	35-41	1	



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PLATE 34

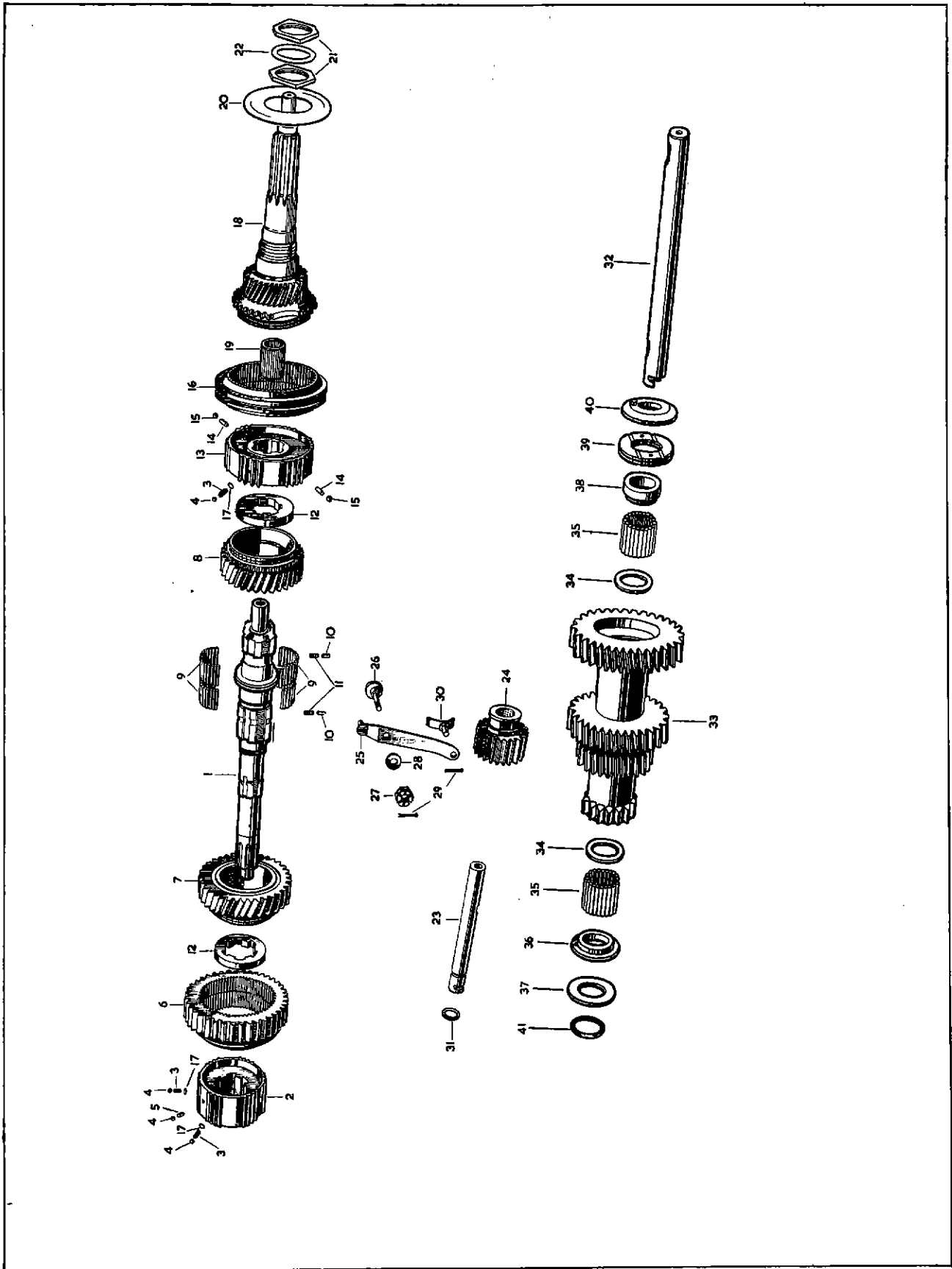


PLATE 35

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	Plug , Oil Drain, at bottom of Case	36- 2	1	
C.799	Plug , Oil Level, at side of Case	36- 2	1	
C.785	Washer (Fibre) on Plugs	36- 3	2	
C.857	Plate , locking Counter and Reverse Shafts	36- 4	1	
FS.205/5D	Screw , Set, securing Locking Plate	36- 5	1	
FG.105/X	Washer , Spring, on Setscrews	36- 6	1	
C.1845	Ball Bearing for Mainshaft (Hoff.MS.12½K)	36- 7	1	
C.1855	Circlip , securing Mainshaft Bearing	36- 8	1	
C.8458/1	Shim , for Mainshaft Rear Bearing (.002" thick)	36- 9	As req'd	
C.8458/2	Shim , for Mainshaft Rear Bearing (.003" thick)	36- 9	As req'd	
C.8458/3	Shim , for Mainshaft Rear Bearing (.004" thick)	36- 9	As req'd	
C.1838	Ball Bearing , for Constant Pinion Shaft (Hoff.340K)	36-10	1	
C.1841	Collar , between Casing and Circlip	36-11	1	
C.1840	Circlip , on Bearing behind Collar	36-12	1	
C.920	Washer (Fibre) in Casing at front end of Countershaft	36-13	1	
C.11931	FRONT END COVER	36-14	1	
C.1834	Gasket , between Front Cover and Casing	36-15	1	
C.11934	Seal , Oil, in Front End Cover	36-16	1	
C.359	Screw , Set, securing Front End Cover to Case	36-17	4	
FW.105/E	Washer (Copper) on Setscrews	36-18	4	
C.837	Wire , locking Setscrews		As req'd	
C.1866	Gasket , between Gearbox Case and Overdrive Extension	36-19	1	
FS.105/9D	Screw , Set, securing Overdrive Unit to Gearbox Case	36-20	7	
FG.105/X	Washer , Spring, on Setscrews	36-21	7	
	STRIKING GEAR		1	
C.907	Striking Rod , 1st/2nd Gears	36-22	1	
C.6879	Striking Rod , 3rd/Top Gears	36-23	1	
C.7358	Striking Rod , Reverse Gear	36-24	1	
C.6849	Change-Speed Fork , 1st/2nd Gears	36-25	1	
C.6848	Change-Speed Fork , 3rd/Top Gears	36-26	1	
C.6850	Change-Speed Fork , Reverse Gear	36-27	1	
C.844	Screw , Set, (Taper) securing Forks and Selectors	36-28	5	
C.837	Wire , locking Taper Screws and Stop Pins		As req'd	
C.14776	Change-Speed Selector Assembly , 3rd/Top Gears	36-29	1	
C.1910	Change-Speed Selector , Reverse Gear	36-30	1	
C.1909	Plunger , in Reverse Selector	36-31	1	
C.2022	Spring , for Plunger	36-32	1	
L.103/7U	Split Pin , securing Plunger in Reverse Selector		1	
C.922	Ball , in Reverse Selector	36-33	1	
C.900	Spring , under Ball	36-34	1	
C.914	Shim , under Spring	36-35	1	
AS.102/4D	Screw , Set, in Reverse Selector, adjusting tension on Spring	36-36	1	
AN.102/L	Nut , locking Setscrew in position	36-37	1	
C.882	Stop Pin , on 1st/2nd and 3rd/Top Striking Rods	36-38	2	
C.874	Roller , for Interlock (in 1st/2nd Striking Rod)	36-39	1	
C.923	Ball , for Interlock (in 3rd/Top and Reverse Striking Rods)	36-40	2	

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
8380	REMOTE CONTROL, COMPLETE (SD.1106) (COMPRISING TOP COVER, STRIKING RODS, FORKS, SELECTORS, CHANGE-SPEED LEVER, ETC.)		1	
C.6878	TOP COVER	36-41	1	
C.6851	Packing under Gearbox Top Cover	36-42	1	
C.860	Gasket , at each side of Packing	36-43	2	
C.1083	Switch , for Top Cover operating Reversing Light	36-44	1	
C.4531	Gasket for Switch	36-45	1	
FB.105/24D	Bolt , securing Top Cover to Gearbox Case		2	
FB.105/23D	Bolt , securing Top Cover to Gearbox Case		2	
FB.105/21D	Bolt , securing Top Cover to Gearbox Case		6	
FG.105/X	Washer , Spring, on Setscrews		10	
OD.105/14H	Dowel , positioning Top Cover to Gearbox	36-46	2	
C.11334	Plunger , for Striking Rods	36-47	3	
C.1319	Ball , engaging Striking Rods	36-48	3	
C.845	Spring for Plunger	36-49	3	
C.849	Grub Screw , applying tension to Plungers for 1st/2nd and 3rd/Top Striking Rods	36-50	2	
C.884	Grub Screw , applying tension to Plunger for Reverse Striking Rod	36-51	1	
C.837	Wire , locking Grub Screws		As req'd	
C.873	Plug , in front end of Top Cover	36-52	3	
C.929	Washer (Felt) in rear end of Top Cover	36-53	3	
C.880	Plate , retaining Felt Washers	36-54	1	
FS.104/3D	Screw , Set, securing Retaining Plate		2	
FG.104/X	Washer , Spring, on Setscrews		2	
C.315	Core Plug , on top of Cover	36-55	1	
C.841	Breather , at top of Cover	36-56	1	
C.930	Washer (Fibre) for Breather	36-57	1	
C.7379	Plug , on Top Cover	36-58	1	
C.2296/1	Washer , for Plug	36-59	1	
C.6853	DIPSTICK COMPLETE	36-60	1	
C.14218	CHANGE-SPEED LEVER	36-61	1	
C.16154	Knob , for Change-Speed Lever	36-62	1	
C.1928	Nut , locking Knob to Change-Speed Lever	36-63	1	
C.1915	Flexible Bearing , housing Change-Speed Lever in Selector Lever	36-64	2	
C.1919	Washer , at top of Flexible Bearing	36-65	1	
C.1904	Washer , at bottom of Flexible Bearing	36-66	1	
C.14217	Selector Lever , housing Change-Speed Lever	36-67	1	
FN.405/L	Nut , Slotted, securing Change-Speed Lever in Selector Lever		1	
L.103/8U	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.14470	Pivot Jaw , for Selector Lever	36-68	1	
C.1907	Bush , for Pivot Jaw	36-69	1	
C.1894	Thrust Washer , on Pivot Jaw	36-70	2	
C.1914	Locking Washer , on Pivot Jaw	36-71	1	
C.1905	Washer , Spring, on Pivot Jaw	36-72	1	
FN.407/L	Nut , Slotted, securing Pivot Jaw		1	
L.103/8U	Split Pin , securing Slotted Nut		1	
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 Overdrive Unit	36-78	1	
C.14781	Tab Washer , for Pivot	36-79	1	
FW.106/T	Washer , on Pivot, retaining D.C. Spring Washer		1	
BD.1708/2	Washer , D.C. Spring, on Pivot		1	
L.103/6U	Split Pin , securing Operating Lever to Pivot		1	
C.14785	Washer (Special) on 3rd/Top Selector adjacent to Operating Cam Plate	36-80	1	
FW.104/T	Washer , Plain, retaining D.C. Spring Washer		2	
BD.1708/5	Washer , D.C. Spring, on 3rd/Top Selector		1	
L.102/5U	Split Pin , securing Operating Lever to Selector		1	
C.14816	Knob , on Overdrive Operating Lever	36-81	1	
C.14805	Nut , locking Knob to Lever	36-82	1	
C.15746	Toggle Spring Stay on Overdrive Unit Extension	36-83	1	
C.725	Washer , Shakeproof, under Nuts, securing Stay to Overdrive Extension		2	
C.2022	Toggle Spring	36-84	1	
C.14811	Carrier for Spring	36-85	1	
J.104/10S	Clevis Pin , securing Carrier to Operating Lever	36-86	1	
FW.104/T	Washer , Plain, on Clevis Pin	36-87	1	
L.103/5U	Split Pin , retaining Clevis Pin		1	
C.14779	Link Rod , between Selector Lever and Manual Operating Lever	36-88	1	
FW.104/T	Washer , Plain, on Link Rod	36-89	2	
C.13824	Clip , securing Link Rod to Selector Lever and Operating Lever	36-90	2	

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.6830	MAINSHAFT	37- 1	1	
C.10209	Synchronising Sleeve Assembly, 2nd Speed	37- 2	1	
C.900	Spring, in 2nd and 3rd/Top Synchro Sleeves	37- 3	12	
C.922	Ball, at top of Springs and Plunger in 2nd and 3rd/Top Synchro Sleeves	37- 4	15	
C.901	Plunger, in 2nd Speed Synchro Sleeve (.490" long)	37- 5	3	} SELECTIVE SIZES CHOOSE PLUNGER OF DESIRED LENGTH.
C.901/1	Plunger, in 2nd Speed Synchro Sleeve (.495" long)	37- 5	3	
C.901/2	Plunger, in 2nd Speed Synchro Sleeve (.500" long)	37- 5	3	
C.10201	Gear, 1st Speed Mainshaft	37- 6	1	
C.10202	Gear, 2nd Speed Mainshaft	37- 7	1	
C.10203	Gear, 3rd Speed Mainshaft	37- 8	1	
C.1850	Needle Roller, in 2nd and 3rd Speed Gears	37- 9	82	
C.1849	Plunger, in Mainshaft, locking 2nd and 3rd Speed Gears	37-10	2	
C.1324	Spring, under Plunger	37-11	2	
C.10206/1	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.471"/.472" thick)	37-12	2	} SELECTIVE SIZES CHOOSE WASHER OF DESIRED THICKNESS.
C.10206/2	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.473"/.474" thick)	37-12	2	
C.10206/3	Thrust Washer, front and rear of 2nd and 3rd Speed Gears (.475"/.476" thick)	37-12	2	
C.10208	Synchronising Sleeve, 3rd/Top Speeds	37-13	1	} SELECTIVE SIZES CHOOSE PLUNGER OF DESIRED LENGTH.
C.901	Plunger, in 3rd/Top Synchro Sleeve (.490" long)	37-14	3	
C.901/1	Plunger, in 3rd/Top Synchro Sleeve (.495" long)	37-14	3	
C.901/2	Plunger, in 3rd/Top Synchro Sleeve (.500" long)	37-14	3	
C.922	Ball, at top of Plungers in 3rd/Top Synchro Sleeves	37-15	2	
C.4049/1	Operating Sleeve, 3rd/Top Speeds	37-16	1	
C.903	Shim, under Springs in Synchro Sleeves (.006" thick)	37-17	As req'd	
C.914	Shim, under Springs in Synchro Sleeves (.028" thick)	37-17	As req'd	
C.10200	CONSTANT PINION SHAFT	37-18	1	
C.1843	Roller Bearing inside Constant Pinion Shaft	37-19	1	
C.2121	Oil Thrower, on Constant Pinion Shaft	37-20	1	
C.11932	Nut, locking Front Bearing	37-21	2	
C.11933	Tab Washer, under Nut	37-22	1	
C.2070	REVERSE SPINDLE	37-23	1	
C.10205/1	Reverse Gear (complete with Bush)	37-24	1	
C.1893	Lever, operating Reverse Gear	37-25	1	
C.1899	Fulcrum Pin, for Operating Lever	37-26	1	
C.777	Nut, Slotted, securing Fulcrum Pin	37-27	1	
FW.106/T	Washer, Plain, under Slotted Nut	37-28	1	
L.103/BU	Split Pin, retaining Slotted Nut and Reverse Slipper	37-29	2	
C.866	Reverse Slipper	37-30	1	
C.4284	Sealing Ring, on Reverse Spindle	37-31	1	
C.1856	COUNTERSHAFT	37-32	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.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	37-35	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 Countershaft	37-38	1	
C.1861	Thrust Washer , Inner Assembly, at rear of Countershaft	37-39	1	
C.1862	Thrust Washer , Outer, at rear of Countershaft (.156" thick)	37-40	As req'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	37-41	1	

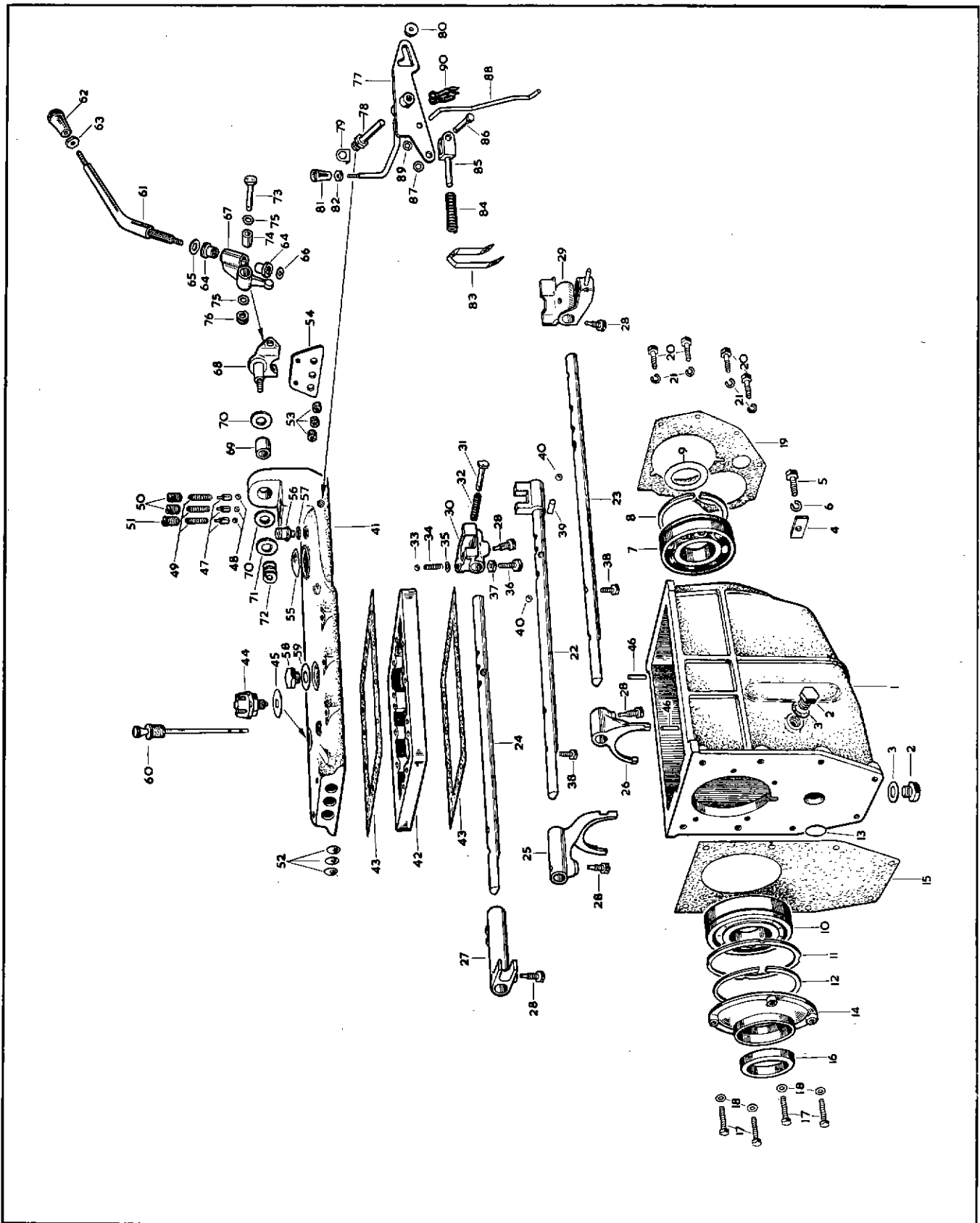


PLATE 36

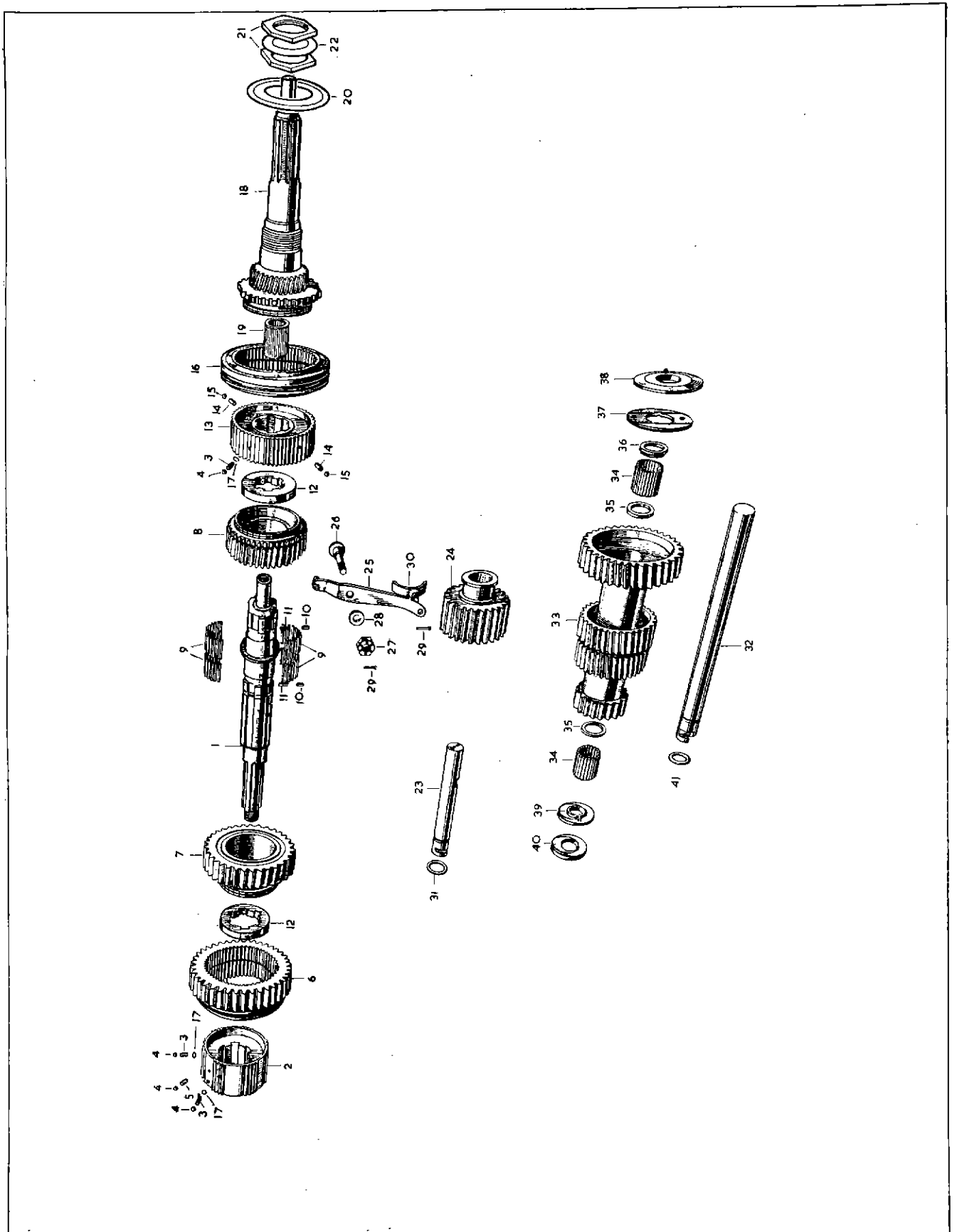


PLATE 37

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
7336	ROD ASSEMBLY, ACTUATING PARKING BRAKE, FROM SELECTOR CONTROL SHAFT TO TOGGLE ARM LEVER (J.20-6443)	38- 8	1	
6772	Swivel at bottom of Rod (J.20-645)	38- 9	1	
6753	Nut (JGM.219701)	38-10	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	
5449	PLATE ASSEMBLY FOR REVERSE SERVO CYLINDER (J.20-519/B)	38-14	1	
3625	'O' Ring, $\frac{1}{2} \times \frac{11}{16} \times \frac{3}{32}$, on Reverse Cylinder Plate (J.20-120)	38-15	1	
5450	Gasket at front of Plate (J.20-523/A)	38-16	1	
5447	Gasket at rear of Plate (J.20-518/A)	38-17	1	
6828	REVERSE SERVO CYLINDER (J.20-517/D)	38-18	1	
6847	Bolt, $\frac{5}{16} \times 3$, and Lockwasher Assembly, securing Servo Cylinder to Case (J.20-1011)		2	
6850	Bolt, $\frac{3}{16} \times 3$, and internal Lockwasher Assembly, securing Servo Cylinder to Case (J.20-1055)		1	
6775	Bolt, $\frac{5}{16} \times 2\frac{1}{4}$ and Lockwasher Assembly, securing Servo Cylinder to Case (J.20-1010)		2	
6845	Bolt, $\frac{5}{16} \times 1$, and Lockwasher Assembly, securing Servo Cylinder to Case (J.20-1006)		1	
5702	Plug, for testing pressure on Reverse Band (J.20-1103)	38-19	3	
3742	Washer (Copper) on Plug (J.20-594)	38-20	3	
6761	Plug, for testing pressure in Converter (JGM.444571)	38-21	1	

AUTOMATIC TRANSMISSION UNIT

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, $\frac{3}{16}$" \times 1", and Lockwasher Assembly securing Servo Cylinder to Transmission Case (J.20-1006)		9	
5702	Plug, in Servo Cylinder, for testing pressures on Low and Forward Bands (J.20-1103)	38-23	2	
3742	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 (J.20-120)	38-26	2	
5452	Gasket, between Plate and Servo Cylinder (J.20-526/A)	38-27	1	
6684	Gasket, between Plate and Transmission Case (J.20-5291)	38-28	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	3	
7528	Screw, adjusting Low Band (J.20-5242)	38-32	1	
5453	Screw, adjusting Forward and Reverse Bands (J.20-531/A)	38-33	2	
5910	Nut, locking Adjusting Screws (JGM.122295)	38-34	3	
5406	FRONT PUMP AND COLLECTOR RING ASSEMBLY (J.20-105/A)	39- 1	1	
3622	Collector Ring Assembly (J.20-108/B)		1	
3627	Front Pump Assembly (J.20-149)		1	
3624	'O' Ring, Collector Ring and Pump Body ($5\frac{1}{2}$" \times $5\frac{3}{4}$" \times $\frac{1}{8}$" (J.20-119)	39- 2	1	
3625	'O' Ring, on centre of Collector Ring ($\frac{1}{2}$" \times $\frac{11}{16}$" \times $\frac{3}{32}$" (J.20-120)	39- 3	1	

AUTOMATIC TRANSMISSION UNIT

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	Free Wheel Unit, Short (J.20-398/D)	39-44	1	
3662	Lock-up Plate Assembly (J.20-367/B)	39-45	1	
3665	Roller, positioning Brake Drum Plate in Centre Lock-up Drum (J.20-373)	39-46	2	
3654	Snap Ring, securing Brake Drum Plate in centre Lock-up Drum (J.20-350)	39-47	1	
5436	FREE WHEEL UNIT AND FORWARD BRAKE DRUM ASSEMBLY FOR FORWARD GEARS (J.20-3942)		1	
7530	Free Wheel Unit, Medium (J.20-3891)	39-48	1	
5433	Forward Brake Drum (J.20-378/B)	39-49	1	
3667	Snap Ring, internal, securing Free Wheel Unit (J.20-376)	39-50	1	
5711	Spacer, behind Medium Free Wheel Unit (J.20-3751)	39-51	1	
3694	Drive Pin, retaining Spacer (J.20-411)	39-52	1	
3667	Snap Ring, securing Spacer (J.20-376)	39-53	1	
3672	Bearing, on Mainshaft, behind Free Wheel Unit (J.20-383)	39-54	1	
3673	Snap Ring, on Mainshaft Bearing (J.20-384)	39-55	1	
3671	Spacer, behind Mainshaft Bearing (J.20-382)	39-56	1	
3693	Gear, on Mainshaft, for Parking Brake (J.20-410)	39-57	1	
3674	Spacer, between Parking Gear and Bearing (J.20-385)	39-58	1	
3675	Gear, on Mainshaft, for Governor Drive (J.20-386)	39-59	1	
3676	Spacer, behind Governor Drive Gear (J.20-387)	39-60	1	
C.6867	UNIVERSAL JOINT COMPANION FLANGE (J.20-093/A)	39-61	1	
5439	Washer for Flange (J.20-399/A)	39-62	1	
5926	Nut, Self Locking, securing Companion Flange (JGM.272672)	39-63	1	
7366	VALVE BLOCK ASSEMBLY, COMPLETE (J.20-54056)		1	
6686	Manifold Plate Assembly (J.20-5412)		1	
6687	Base Plate Assembly (J.20-5461)	40- 1	1	
6565	Gasket, between Base Plate and Manifold Plate (J.20-548/A)	40- 2	1	
6870	Relief Valve Body Assembly (J.20-612/A)		1	
6564	Gasket, under Relief Valve Body (J.20-551/A)	40- 3	1	
5915	Ball, $\frac{3}{8}$ " diameter, for Relief Valve (JGM.147500)	40- 4	2	
7532	Body Assembly, for Converter Valve (J.20-5609)		1	
6566	Gasket, for Converter Valve Body (J.20-5733)	40- 5	1	
6851	Bolt, $\frac{1}{4}$ " \times $2\frac{3}{8}$ ", and Lockwasher Assembly, for Assembly of Valve Block (J.20-1057)		8	
6757	Bolt, $\frac{5}{16}$ " \times $1\frac{1}{8}$ ", securing Valve Block to Transmission Case (JGM.106326)		5	
7804	Bolt, $\frac{5}{16}$ " \times $1\frac{7}{8}$ ", securing Valve Block to Transmission Case (JGM.179825)		2	
6998	Lockwasher, $\frac{5}{16}$ " external, on Bolts (JGM.114605)		7	

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
6686	MANIFOLD PLATE ASSEMBLY (J.20-5412)	40- 6	1	
3721	Spring , Selector Valve Detent (J.20-544)	40- 7	1	
5914	Ball , $\frac{1}{8}$ " diameter, for Selector Valve (JGM.147485)	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	Stop for Main Relief Valve (J.20-567/A)	40-11	1	
6682	Retainer for Accumulator Spring (J.20-667)	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)		1	
6754	Converter Shuttle Valve , Direct (J.20-6381)	40-15	1	
6779	Converter Shuttle Valve , Reverse (J.20-6411)	40-16	1	
6999	Sleeve for Converter Shuttle Valve (J.20-6431)	40-17	1	
6681	Retainer for Shuttle Valve Sleeve (J.20-617/A)	40-18	1	
6688	OIL FILTER ASSEMBLY (J.20-5571)	40-19	1	
6873	Retainer for Oil Filter (J.20-558/B)	40-20	1	
6977	Screw and Lockwasher Assembly, securing Retainer (JGM.420913)		1	
5462	OIL SUMP (J.20-578/A)	40-21	1	
3737	Plug in Oil Sump Drain Hole (J.20-580)	40-22	1	
3741	Washer , on Plug (J.20-592)	40-23	1	
3736	Gasket , between Oil Sump and Transmission Case (J.20-579)	40-24	1	
6757	Bolt , $\frac{5}{8}$ " \times $\frac{1}{4}$ ", securing Oil Sump to Transmission Case (JGM.106324)		14	
5908	Lockwasher on Bolts (JGM.103320)		14	

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
7401	EXTENSION CASE ASSEMBLY, COMPLETE (J.20-7016)		1	
7371	Extension Case Assembly (J.20-7049)	41- 1	1	
3625	'O' Ring, on Bush for Governor Adjusting Shaft (J.20-120)	41- 2	1	
5469	Pawl, Second Speed Drive (J.20-719/A)	41- 3	1	
3764	Washer, for Control Link and Pawl (J.20-720)	41- 4	2	
3765	Rocker Arm for Governor Control (J.20-721)	41- 5	1	
3767	Washer, behind Rocker Arm (J.20-723)		1	
5688	Stop for Governor (J.20-722/A)	41- 6	1	
3768	Distance Piece behind Stop Plate (J.20-724)		1	
3769	Spring, operating Governor Control Rocker Arm (J.20-725)	41- 7	1	
3808	Shaft and Lever Assembly for Governor Adjustment (J.20-836)	41- 8	1	
3770	Lever, Governor Adjusting (J.20-728)	41- 9	1	
3772	Finger for Governor Adjusting Lever (J.20-736)	41-10	2	
3771	Return Spring for Governor Adjusting Lever (J.20-735)	41-11	1	
7339	Valve and Fork Assembly for Governor Control (J.20-7902)	41-12	1	
3774	Detent Piston, for Governor Control Valve (J.20-744)	41-13	1	
5699	Screw, $\frac{1}{4}'' \times \frac{5}{8}''$, 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)	41-18	1	
6798	Key, Woodruff, $\frac{1}{2}''$ diameter $\times \frac{1}{8}''$, positioning Control Shaft to Detent Cam (JGM.106958)	41-19	1	
6889	Screw, Set (Allen Head) No. 10 $\times \frac{1}{8}''$, preventing withdrawal of Shaft from Cam (JGM.140879)	41-20	1	
3771	Return Spring for Detent Cam (J.20-735)	41-11	1	
3793	Screw, Set, $\frac{1}{4}'' \times \frac{1}{4}''$, for Kick-down Adjustment (J.20-787)	41-21	1	
6752	Washer (Copper) on Setscrew (JGM.446195)	41-22	1	
3794	Nut, Stop, for Setscrew (J.20-788)	41-23	1	
5954	Nut, Dome, for Setscrew (JGM.441263)	41-24	1	
3787	GOVERNOR ASSEMBLY (J.20-775)	41-25	1	
3788	Bearing, on Governor Shaft (J.20-778)		1	
3782	Washer (Fibre) on Governor Shaft (J.20-767)		1	
3789	Snap Ring, retaining Bearing and Washer on Shaft (J.20-779)		2	
3785	Shaft, carrying Governor Assembly (J.20-773/A)	41-26	1	
5714	Return Spring on Governor Shaft (J.20-7843)	41-27	1	
C.7843/1	Distance Piece on Governor Shaft, for rectification of Upshift Speeds ($\frac{1}{16}''$ long)	41-28	As req'd	} SELECTIVE SIZES — CHOOSE REQUIRED LENGTH.
C.7843/2	Distance Piece on Governor Shaft, for rectification of Upshift Speeds ($\frac{3}{32}''$ long)	41-28	As req'd	
C.7843/3	Distance Piece on Governor Shaft, for rectification of Upshift Speeds ($\frac{1}{2}''$ long)	41-28	As req'd	

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
3799	PAWL AND TOGGLE ASSEMBLY OPERATING PARKING DEVICE (J.20-800)	41-29	1	
7535	Pivot Pin for Pawl (J.20-8081)	41-30	1	
7536	Shaft, supporting Parking Brake (J.20-8051)	41-31	1	
3802	Ring, retaining Shaft in Extension (J.20-807)	41-32	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	Gasket, between Housing and Extension (J.20-774)	41-36	1	
3792	Cover for Housing (J.20-786)	41-37	1	
3791	Gasket, between Housing and Cover (J.20-785)	41-38	1	
C.11915	Stop Plate, restricting Reverse Gear Operating Lever	41-39	1	
5696	Bolt, $\frac{3}{8}$ " \times 2", and Lockwasher Assembly, securing Housing and Stop Plate (J.20-1009)		2	
3784	SPEEDOMETER DRIVE GEAR (J.20-772/A)	41-40	1	
7180	REAR PUMP ASSEMBLY (J.20-7503)		1	
C.12644	Body only for Rear Pump (J.20-7512)	41-41	1	
5690	Driving Gear and Shaft Assembly (J.20-755)	41-42	1	
5691	Idler Gear Assembly (J.20-758)	41-43	1	
C.12645	Cover for Rear Pump (J.20-7623)	41-44	1	
3779	Gasket (.002" thick) under Cover (Coloured Red) (J.20-761)	41-45	1	} SELECTIVE RANGE FOR CLEARANCE BETWEEN COVER AND GEARS.
3780	Gasket (.003" thick) under Cover (Coloured Green) or Clear (J.20-761/A)	41-45	1	
3778	Gasket (.005" thick) under Cover (Coloured Blue) (J.20-761/B)	41-45	1	
3776	Gasket (.006" thick) under Cover (Coloured Grey) (J.20-761/C)	41-45	1	
3777	Gasket (.008" thick) under Cover (Coloured Grey) (J.20-761/D)	41-45	1	
5695	Bolt, $\frac{1}{2}$ " \times $\frac{3}{4}$ ", and Lockwasher Assembly, securing Cover to Pump Body (J.20-1000)		2	
5693	Governor Driven Gear (J.20-765)	41-46	1	
6756	Pin, securing Governor Driven Gear (JGM.103723)	41-47	1	
C.12755	Gasket, between Rear Pump and Extension (J.20-7662)	41-48	1	
6775	Bolt, $\frac{3}{8}$ " \times 2 $\frac{1}{2}$ ", and Lockwasher Assembly, securing Rear Pump to Extension (J.20-1010)		3	
7341	Plug in Rear Pump Cover (JGM.444732)		1	
NB.125/8D	Bolt, securing Cover to Rear Pump		2	

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
C.6942	SPEEDOMETER DRIVEN GEAR (J.20-901)	41-49	1	
C.12652	GUIDE TUBE AND BELLOWS ASSEMBLY FOR INTERMEDIATE SPEED HOLD	41-50	1	
C.12633	Ferrule at end of Guide Tube	41-51	1	
C.12634	Washer behind Ferrule	41-52	1	
C.12635	Connecting Pin for Guide Tube	41-53	1	
AG.102/X	Washer, Spring, behind Connecting Pin		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	41-56	1	
C.12639	Seat for Spring	41-57	1	
C.12713	BRACKET, MOUNTING SOLENOID FOR INTERMEDIATE SPEED HOLD	41-58	1	

AUTOMATIC TRANSMISSION UNIT

Part No.	Description	Plate No.	No. per Unit	Remarks
C.12740	SOLENOID FOR INTERMEDIATE SPEED HOLD	41-59	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 WHEN OVERHAULING TRANSMISSION UNIT		1	
7476	GASKET SET FOR USE WHEN OVERHAULING TRANSMISSION UNIT		1	

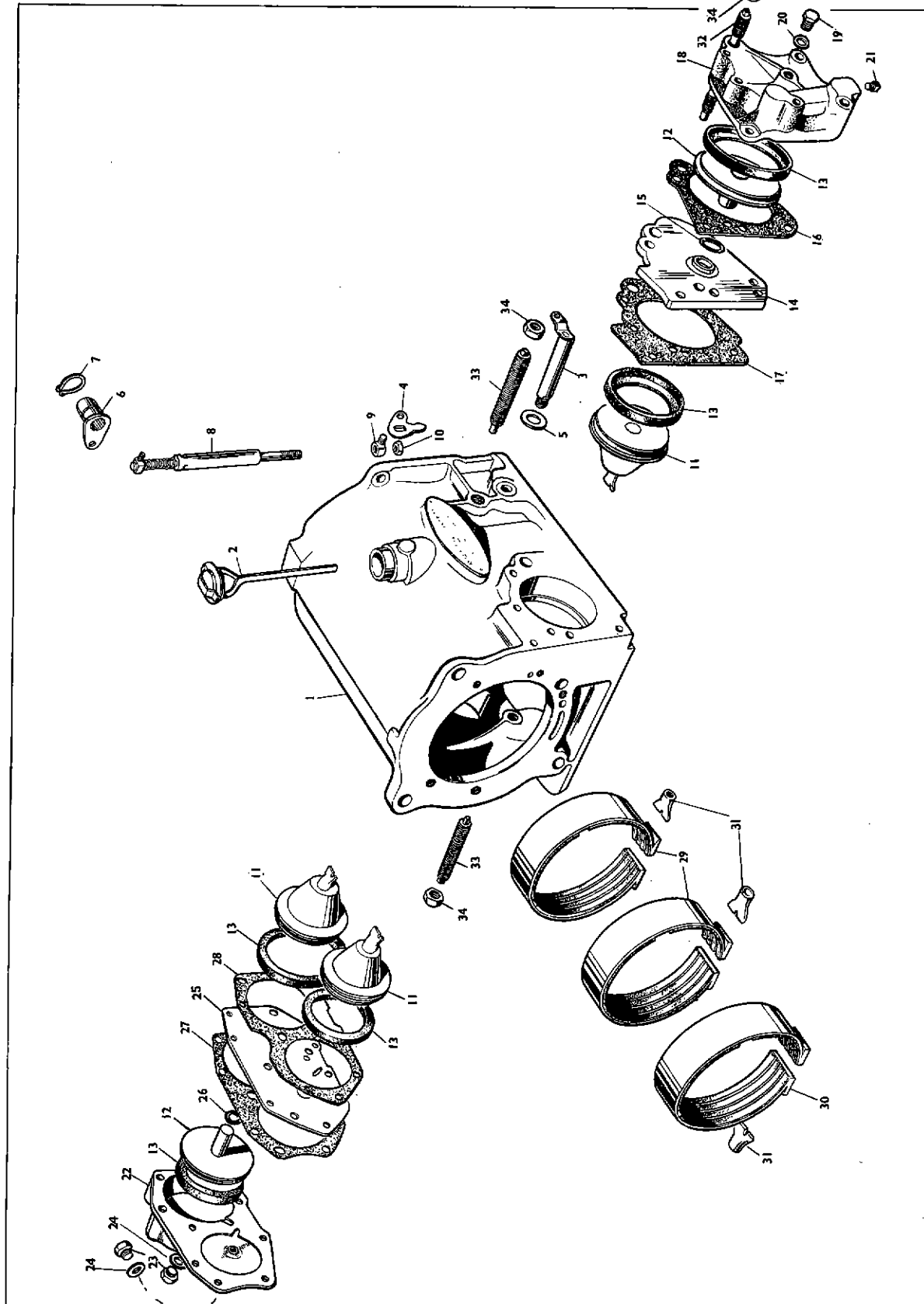


PLATE 38

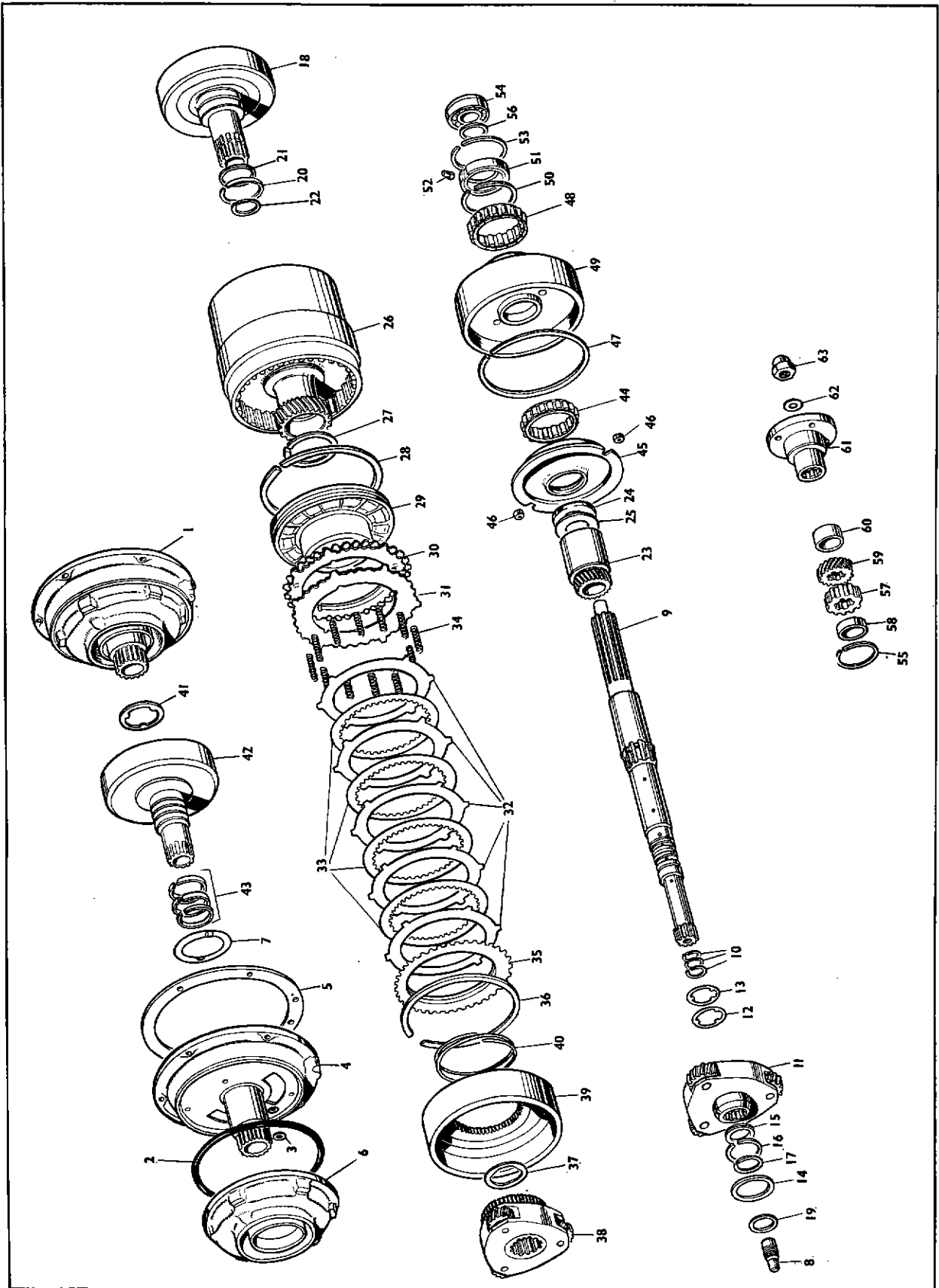


PLATE 39

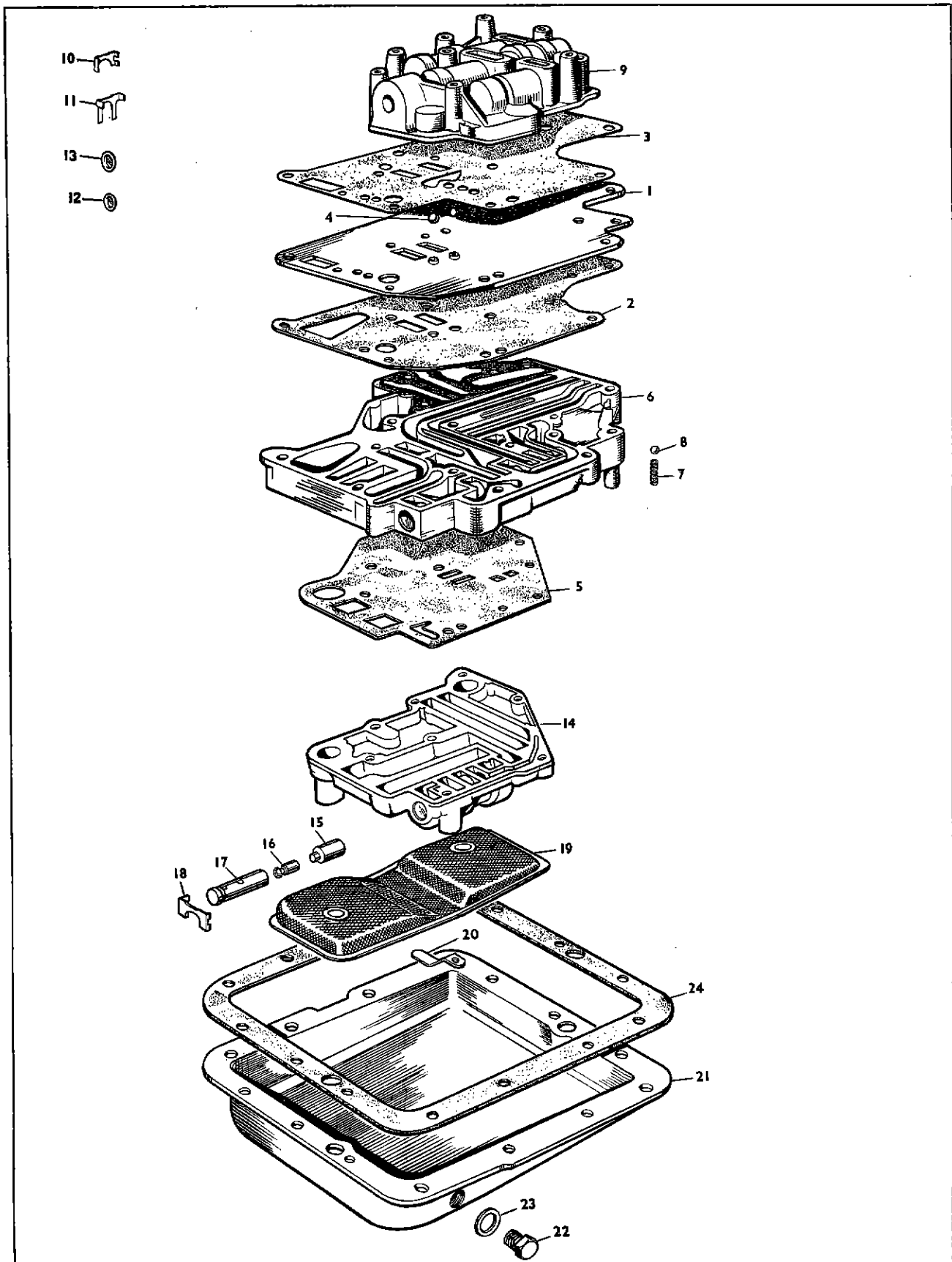


PLATE 40

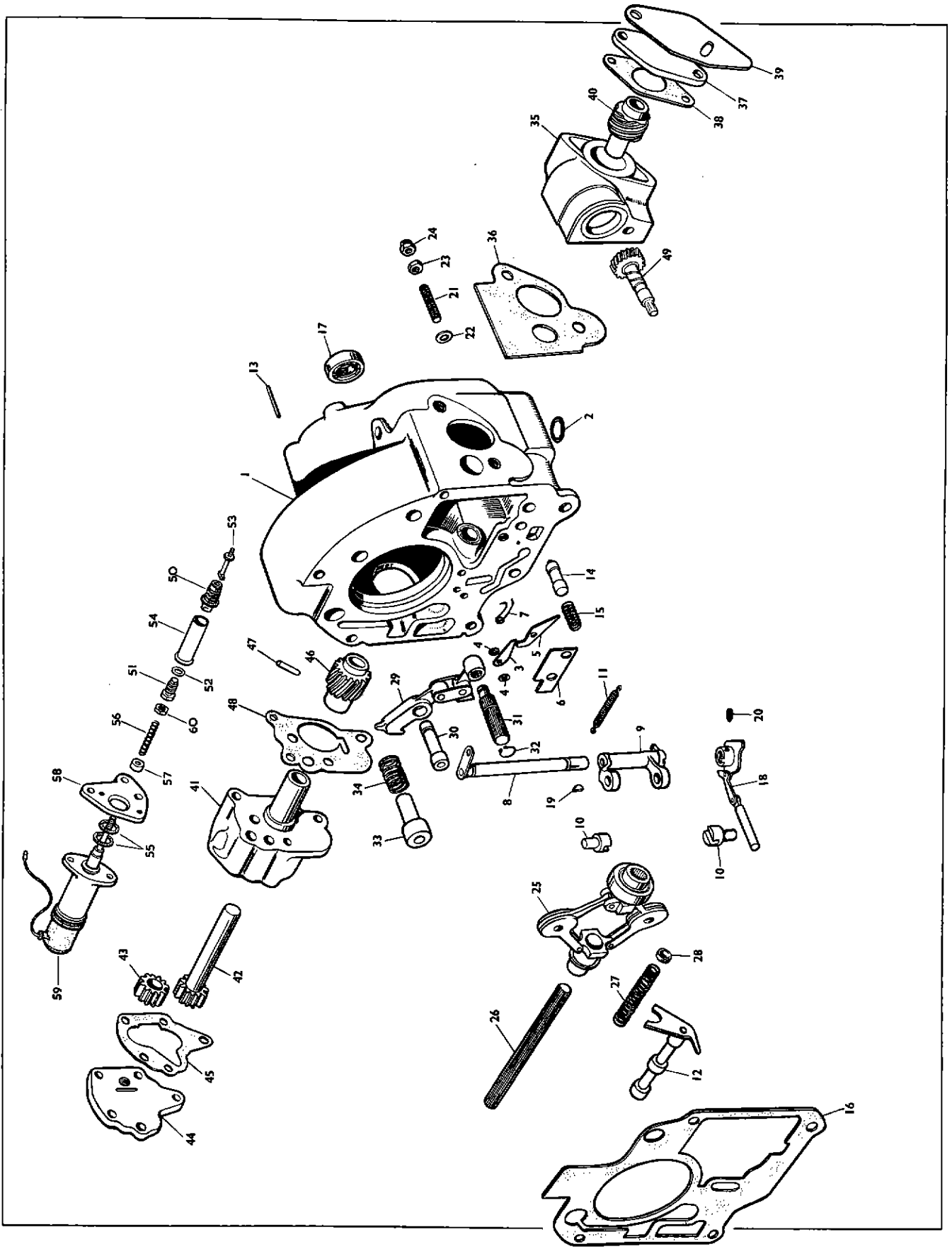


PLATE 41

AUTOMATIC TRANSMISSION MOUNTING DETAILS

Part No.	Description	Plate No.	No. per Unit	Remarks
C.12553	CONVERTER HOUSING		1	
C.6866	Stud , in top of Housing, for fixing of Housing to Transmission Assembly		2	
NN.543/L	Nut , securing Converter Housing to Transmission Assembly		4	
C.727	Washer , Shakeproof, under Nuts		4	
NB.137/32D	Bolt , securing Converter Housing		9	
C.726	Washer , Shakeproof, on Bolts		9	
C.7339	Stoneguard , over apertures in sides of Converter Housing		2	
C.7714	Clip , securing Stoneguards		4	
CS.119/4D	Screw , Set, fixing Stoneguards		4	
AW.102/T	Washer , Plain, on Setscrews		4	
C.723/A	Washer , Shakeproof, on Setscrews		4	
C.4795	SUPPORT BRACKET, R.H.		1	
C.4796	SUPPORT BRACKET, L.H.		1	
NB.131/10D	Bolt , securing Support Brackets		4	
NN.131/L	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 HOUSING		1	
CS.125/4D	Screw , Set, securing Cover		6	
C.724	Washer , Shakeproof, on Setscrews		6	
C.6874	COVER AT FRONT OF CONVERTER HOUSING		1	
CS.125/4D	Screw , Set, securing Cover		4	
C.724	Washer , Shakeproof, on Setscrews		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 Driving Plate		6	For use only when Torque Converter has NO CUT-OUTS. For use only when Torque Converter has CUT-OUTS below threaded holes.
C.16682	Screw, Set, (Long) securing Torque Converter to Driving Plate		6	
C.13383	Tab Washer, securing Setscrews		6	
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 Support Brackets		2	
FW.108/T	Washer, Plain, on Setscrews		2	
FG.108/X	Washer, Shakeproof, on Setscrews		2	
NB.131/7D	Bolt, securing Front Engine Mountings to Engine Mounting Bracket Assembly		4	
FG.105/X	Washer, Spring, on Bolts		4	
FW.105/T	Washer, Plain, on Bolts		4	
NN.131/L	Nut, 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	Washer, Spring, on Setscrews		2	
FW.108/T	Washer, Plain, under Spring Washers		2	
NB.131/7D	Bolt, securing Rear Engine Mounting to Engine Mounting Brackets		4	
FW.105/T	Washer, Plain, on Bolts		4	
NN.131/L	Nut, on Bolts		4	
C.725	Washer, Shakeproof, under Nuts		4	
C.4302	Packing Plate, under Rear Engine Mountings		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 SWITCH BRACKET		1	
NN.131/L	Nut, securing Throttle Switch Bracket		1	
FG.105/X	Washer, Spring, under Nut		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 Control to Body	68- 2	1	
C.12761	Spacer , between Support Bracket and Lower Support Plate	68- 3	2	
C.12759	Lower Support Plate	68- 4	1	
C.12765	Selector Gate	68- 5	1	
UFB.119/4R	Bolt , securing Selector Gate to Support Bracket		2	
C.723/A	Washer , Shakeproof, on Bolts		2	
UFB.125/8R	Bolt , securing Lower Support Plate to Support Bracket		2	
UFN.125/L	Nut , on Bolts		2	
C.724	Washer , Shakeproof, under Nuts		2	
C.13549	Selector Lever Assembly	68- 6	1	
C.12764	Washer (Tufnol) at each side of Selector Lever	68- 7	2	
C.12760	Bearing Collar , for Selector Lever pivot	68- 8	1	
UFB.125/12R	Bolt , for pivoting of Selector Lever		1	
C.724	Washer , Shakeproof, on Bolt		1	
UFS.125/5R	Screw , Set, securing Hand Control to Body		3	
UFN.125/L	Nut , on Setscrews		3	
C.724	Washer , Shakeproof, under Nuts		3	
C.13549	SELECTOR LEVER ASSEMBLY	68- 6	1	
C.11862	Bearing in Selector Lever		1	
C.12836	Ball Pin in Selector Lever		1	
C.12770	Link Pin in Selector Lever		1	
C.12771	Spring Leaf connecting Hand Lever to Operating Lever		1	
C.12772	Hand Lever		1	
R.102/6W	Rivet , securing Hand Lever and Spring Leaf		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	Screw , Self Tapping, securing Masking Plate		2	
C.13647	Distance Tube , on Screws	68-11	2	
C.13612	OPERATING LEVER FROM HAND CONTROL TO SWITCH		1	} Fitted from Chassis No. 830001 to 831139 827001 to 827193 837001 to 837627 824001 to 824584 834001 to 835718
J.103/3.5S	Clevis Pin , securing Operating Lever to Switch		1	
L.102/4U	Split Pin , securing Operating Lever to Hand Control and Switch		2	
AW.102/T	Washer , Plain, under Split Pins		2	

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. 827194 and subs. 837628 and subs. 824585 and subs. 835719 and subs.
J.103/3.5S	Clevis Pin , securing Operating Lever to Switch	68-13	1	
L.102/4U	Split Pin , securing Operating Lever to Hand Control and Switch		2	
AW.102/T	Washer , Plain, under Split Pins		2	
C.13611	SWITCH ASSEMBLY, FOR STARTER CUT-OUT AND REVERSE LIGHT OPERATION	68-14	1	
C.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
C.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.
UFS.119/3R	Screw , Set, securing Switch to Bracket		1	
UFN.119/L	Nut , on Setscrew		1	
C.723/A	Washer , Shakeproof, under Nut		1	
UFS.125/3R	Screw , Set, securing Mounting Bracket to Dash		2	
C.724	Washer , Shakeproof, on Setscrews		2	
C.12596	GEAR CONTROL CABLE	68-16	1	
C.12587	End Fitting , for connection of Control Cable to Hand Control	68-17	1	
C.13603	Extension , linking End Fitting with Control Cable	68-18	1	
UFN.125/L	Nut , locking Extension	68-19	1	
C.12586	Abutment Clamp , securing Gear Control Cable to Transmission Case	68-20	1	
UFB.131/28R	Bolt , through Clamp		1	
C.12689	Bracket , for fixing of Cable to Scuttle		1	} Fitted from Chassis No. 830001 to 831139 827001 to 827193 837001 to 837627 824001 to 824584 834001 to 835718
UFS.131/5R	Screw , Set, securing Bracket to Dash		2	
FW.105/T	Washer , Plain, on Setscrews		2	
UFN.131/L	Nut , on Setscrews		2	
C.725	Washer , Shakeproof, under Nuts		2	
C.14835	Bracket , for fixing of Cable to Scuttle	68-21	1	} Fitted to Chassis No. 820001 and subs. 831140 and subs. 827194 and subs. 837628 and subs. 824585 and subs. 835719 and subs.
UFS.125/5R	Screw , Set, securing Bracket to Dash		3	
C.724	Washer , Shakeproof, on Setscrews		3	
C.12690	Locknut , securing Cable to Bracket	68-22	2	
C.5574	Grommet , in Scuttle, for Control Cable	68-23	1	
C.7083	End Fitting for Connection of Gear Control Cable to Transmission Unit	68-24	1	
C.7071	Bush , in Selector Lever on Transmission Unit	68-25	1	
UFN.125/L	Nut , securing End Fitting to Selector Lever		1	
C.724	Washer , Shakeproof, under Nut		1	

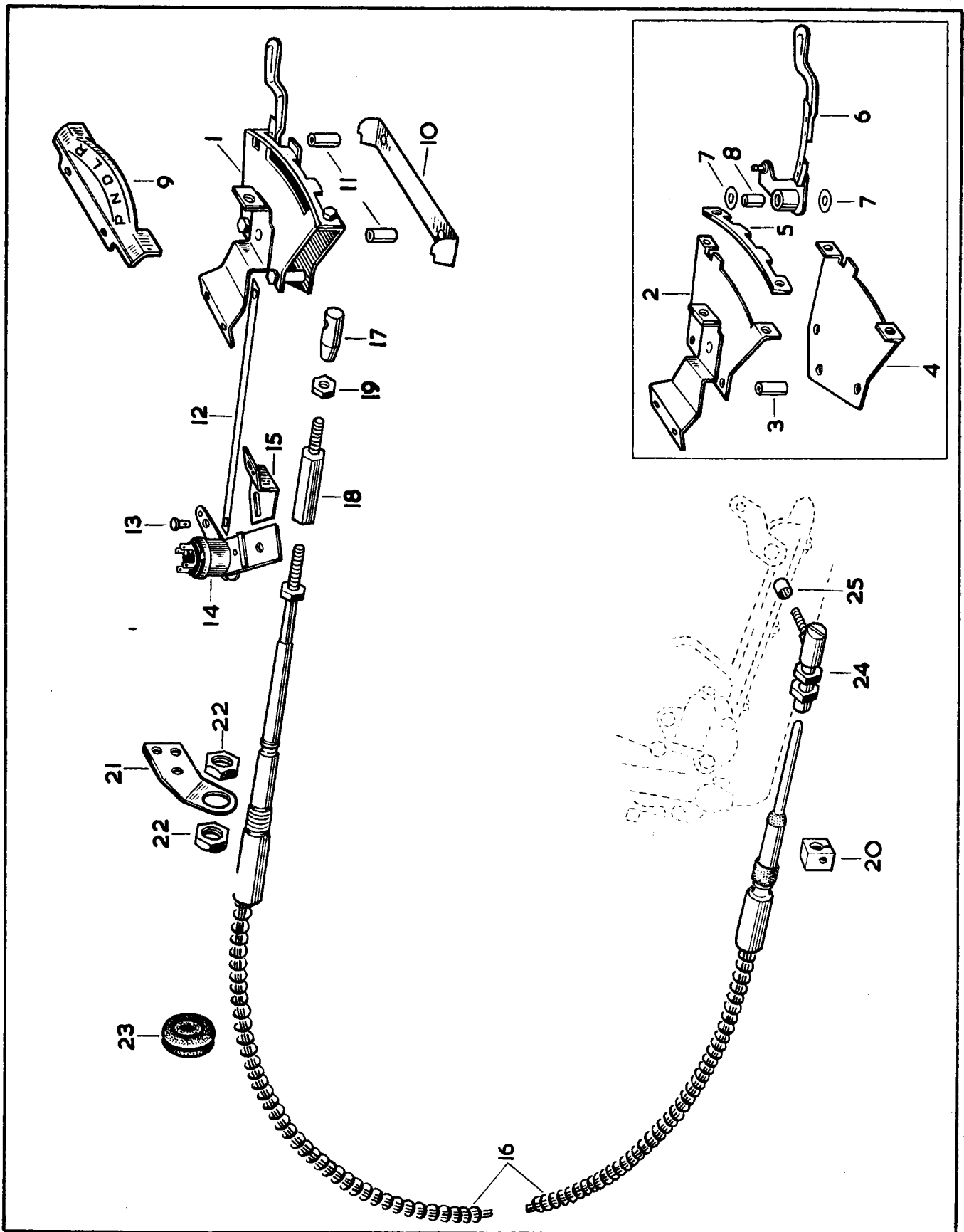


PLATE 68

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	Gasket, between Extension and Front Casing (62161)	42- 2	1	
C.5983	Washer, Spacing (Steel) behind Gearbox Rear Bearing (60778)	42- 3	1	
C.5685	Circlip, 1 $\frac{3}{8}$ " External, behind Spacing Washer on Gear- box Mainshaft (9015)	42- 4	1	
C.5900	FRONT CASING ASSEMBLY (65599)	42- 5	1	
C.5904	Welch Washer, sealing Bleed Holes (60479)	42- 6	1	
C.12340	Shaft, for Main Operating Valve (64562)	42- 7	1	
7982	Cam Lever for Operating Shaft (60785)	42- 8	1	
C.5921	Taper Pin, securing Cam Lever (6127)	42- 9	1	
C.10378	'O' Ring at each end of Shaft (64486)	42-10	2	
C.5915	Main Operating Valve (60649)	42-11	1	
C.5922	Ball, $\frac{5}{16}$ " diameter at top of Valve (9809)	42-12	1	
C.5919	Plunger for Ball (60036)	42-13	1	
7972	Spring for Plunger (60440)	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	Guide Peg, positioning Oil Pump Plunger in Front Casing (60723)	42-17	1	
C.5908	Lever, on Shaft, outside Front Casing for setting of Main Operating Valve (60813)	42-18	1	
C.5921	Taper Pin, securing Valve Setting Lever to Oper- ating Shaft (6127)	42-19	1	
C.5909	Stud, in front and side faces of Casing (60077)	42-20	5	
C.12341	Stud, in side face of Casing (64634)	42-20A	1	
C.5910	Stud, in front face of Casing (60678)	42-21	1	
C.5913	Stud, in front face of Casing (61091)	42-22	2	
C.5912	Stud, in rear face of Casing (60664)	42-23	2	
C.8767	Collar, on Valve Operating Shaft, behind Solenoid Operating Lever (64373)	42-24	1	
C.5671	Breather, at top of Front Casing (64370)	42-25	1	
UFN.131/L	Nut, on Studs in Front Casing (65362)		9	
FG.105/X	Washer, Spring, under Nuts (65462)		9	
C.5928	OIL PUMP PLUNGER ASSEMBLY IN FRONT CASING (65522)	42-26	1	
C.5955	Body for Oil Pump (60845)	42-27	1	
C.5938	Spring, tensioning Oil Pump Plunger (60536)	42-28	1	
C.5939	Plug, securing Oil Pump Plunger in Body (60620)	42-29	1	
C.5960	Screw, Set, securing Oil Pump Body to Front Casing (65290)	42-30	7	
AG.102/X	Washer, Spring, on Setscrews (1431)	42-31	7	
C.5966	Ball, $\frac{1}{2}$ " diameter, for non-return Valve to Oil Pump (9802)	42-32	1	
C.5919	Plunger behind Ball (60036)	42-33	1	
7972	Spring for Plunger (60440)	42-34	1	
C.5906	Plug retaining non-return Valve (60614)	42-35	1	
C.5903	Washer (Copper) under Plug (60024)	42-36	1	

OVERDRIVE UNIT

FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

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)	42-41	1	
C.11428	OPERATING PISTON ASSEMBLY IN FRONT CASING (65594)	42-42	2	
C.5970	Piston Rings (60337)		2 sets	Supplied only in Sets.
C.5952	Bridge Piece retaining Operating Pistons (60704)	42-43	2	
C.5962	Nut, securing Bridge Pieces (65360)	42-44	4	
C.5695	Tab Washer, locking Nuts (65500)	42-45	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 ACCUMULATOR PISTON (65665)	42-48	1	
C.5924	'O' Ring on Housing (131/5)		2	

OVERDRIVE UNIT

FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5678	SPACING TUBE AND WASHER ASSEMBLY, HOUSING ACCUMULATOR 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	Stop (Rubber) In Bracket (64283)	42-52	1	
C.9097	Dowel, in Bracket (64097)		1	
C.5954	Gasket, between Bracket and Front Casing (60823)	42-53	1	
C.5963	Nut, securing Bracket to Studs at side of Front Casing (65361)	42-54	2	
FG.105/X	Washer, Spring, under Nuts (65462)	42-55	2	
C.5961	Screw, Set, (Head painted red) securing Solenoid Mounting Bracket and holding Accumulator Spring on tension (65291)	42-56	2	
FW.105/T	Washer, Plain, on Setscrew (65312)		2	
C.8766	Lever, on Operating Shaft, for Solenoid (64372)	42-57	1	
FB.104/6D	Bolt, clamping Lever to Shaft (65271)	42-58	1	
FN.104/L	Nut, on Bolt (65410)	42-59	1	
FG.104/X	Washer, Spring, under Nut	42-60	1	
C.11201	COVER PLATE FOR SOLENOID MOUNTING BRACKET	42-61	1	
C.11202	Gasket, between Cover Plate and Mounting Bracket	42-62	1	
UFS.119/3R	Screw, Set, securing Cover Plate		3	
C.7471	SOLENOID (LUCAS 76505B)	42-63	1	
C.5960	Screw, Set, securing Solenoid to Mounting Bracket (65290)	42-64	2	
FG.103/X	Washer, Spring, on Setscrew (65460)	42-65	2	
C.5929	THRUST RING ASSEMBLY FOR CLUTCH (65537)	43- 1	1	

OVERDRIVE UNIT

FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5655	SPRING ON PINS OF THRUST RING (65538) (SUPPLIED ONLY IN SETS OF FOUR SHORT AND EIGHT LONG SPRINGS)	43- 2	1 set	
C.5930	SLIDING MEMBER ASSEMBLY, FOR CLUTCH (65524)	43- 3	1	
C.5968	Ball Bearing, for Sliding Member (50×90×11 mm.) (65024)	43- 4	1	
C.5689	Circlip (90 mm. Internal) securing Ball Bearing from back (9108)	43- 5	1	
C.5977	Circlip (1 $\frac{7}{8}$ " 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	Sunwheel Assembly (65526)	43- 8	1	
C.5932	Planetary Carrier Assembly (65527)	43- 9	1	
C.11743	Annulus Assembly (65601)	43-10	1	
C.5932	PLANETARY CARRIER ASSEMBLY (65527)	43- 9	1	
7976	Shaft, for Planetary Bearings (64399)		3	
C.11839	Bearing (Torrington) inside Planetary Wheels (65027)		6	
7979	Thrust Washer behind Planetary Gears (65336)		3	
C.5975	Thrust Washer (Phosphor Bronze) adjacent to Planetary Carrier (60631)	43-11	1	
C.5941	Thrust Washer (Phosphor Bronze) adjacent to front face of Sun Wheel (60629)	43-12	1	
C.5943	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/A) (.113"/.114" thick)	43-13	1	} SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS.
C.5944	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/B) (.107"/.108" thick)	43-13	1	
C.5945	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/C) (.101"/.102" thick)	43-13	1	
C.5946	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/D) (.095"/.096" thick)	43-13	1	
C.5947	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/E) (.089"/.090" thick)	43-13	1	
C.5948	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/F) (.083"/.084" thick)	43-13	1	
C.5949	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/G) (.077"/.078" thick)	43-13	1	

OVERDRIVE UNIT

FOR XK.150 MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5956	CAGE FOR UNI-DIRECTIONAL CLUTCH (64011)	43-14	1	
C.5967	Roller for Cage (12 rollers per set) (65534)	43-15	1 set	SUPPLIED ONLY IN SETS.
C.5950	Spring for Cage (64059)	43-16	1	
C.5957	INNER MEMBER FOR UNI-DIRECTIONAL CLUTCH (FREE WHEEL) (64010)	43-17	1	
C.5942	Thrust Washer, behind Uni-Directional Clutch Inner Member (60634)	43-18	1	
C.5969	BALL BEARING ON SHAFT, ADJACENT TO ANNULUS ($1\frac{1}{4}'' \times 2\frac{3}{4}'' \times 1\frac{1}{8}''$) (65025)	43-19	1	
C.5687	BALL BEARING, AT REAR END OF ANNULUS SHAFT (30×62×16 mm.) (65026)	43-20	1	
C.5981	Spacing Washer, behind Bearing (.146" thick) (60657E)	43-21	1	} SELECTIVE SIZES Choose Washers of Desired Thickness
C.5694	Spacing Washer, behind Bearing (.151" thick) (60657F)	43-21	1	
C.5695	Spacing Washer, behind Bearing (.156" thick) (60657G)	43-21	1	
C.5696	Spacing Washer, behind Bearing (.161" thick) (60657H)	43-21	1	
C.5697	Spacing Washer, behind Bearing (.166" thick) (60657J)	43-21	1	
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 Gear (64831)	43-24	1	
C.8774	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	Screw, locking Speedometer Drive in Casing (61082)	43-27	1	
7978	Washer (Copper) on locking Screw (65462)	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	Nut, securing Flange to Annulus Shaft (61085)	43-31	1	
C.8772	Washer, Plain, under Nut (AT.20306)	43-32	1	
L.102/12U	Split Pin, locking Nut to Shaft	43-33	1	
C.8398	STEADY BLOCK ON CENTRE CROSS MEMBER OF CHASSIS FRAME	43-34	1	
C.8399	Shim, under Steady Block	43-35	As req'd	
NS.119/6D	Screw, Set, securing Steady Block		2	
C.723/A	Washer, Shakeproof, on Setscrews		2	

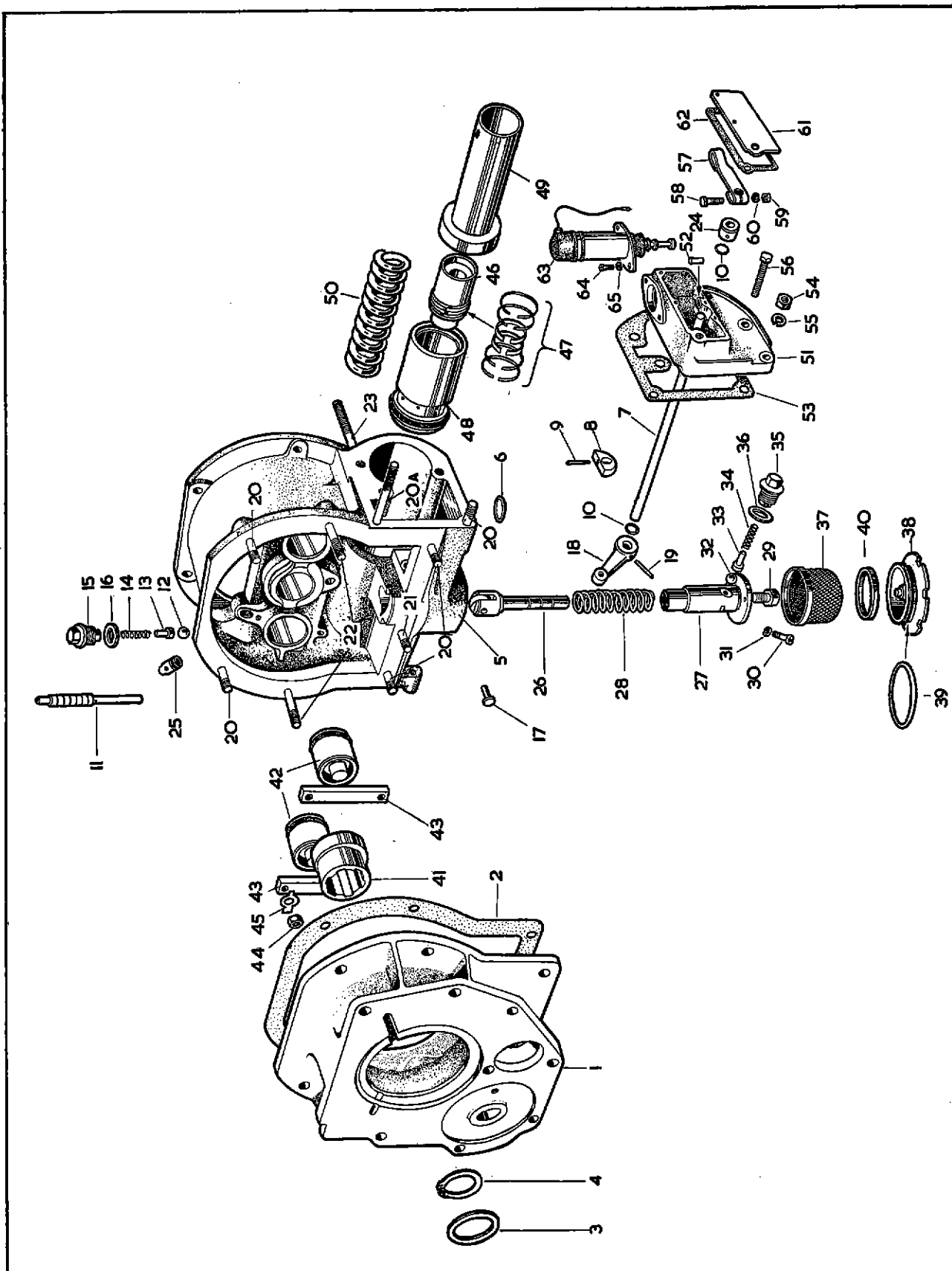


PLATE 42

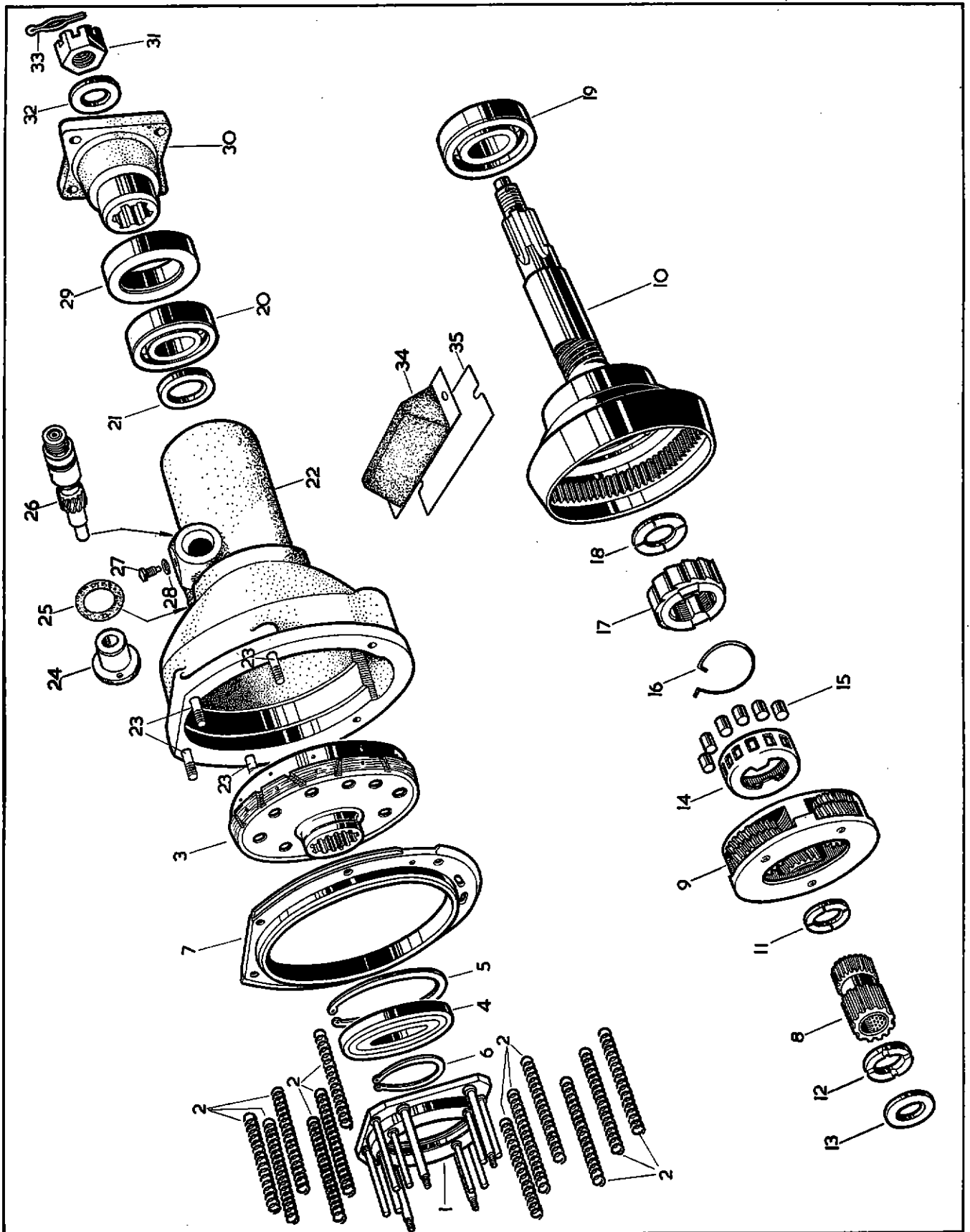


PLATE 43

OVERDRIVE UNIT

FOR XK.150 MODELS FITTED WITH 3.8 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.16170	OVERDRIVE UNIT, COMPLETE (28/3034)		1	
	<p>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)</p>			
7969	ACCUMULATOR PISTON ASSEMBLY (65520)		1	
7981	'O' Ring on Piston (65369)		2	
7970	ACCUMULATOR HOUSING ASSEMBLY (65535)		1	
C.5924	'O' Ring on Housing (131/5)		2	
7975	SPACING TUBE, HOUSING ACCUMULATOR SPRING (61641)		1	
C.5655	SPRING ON PINS OF THRUST RING (65538)		1 set	
	<p>(SUPPLIED ONLY IN SETS OF FOUR SHORT AND EIGHT LONG SPRINGS)</p>			

OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.4 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.14830	OVERDRIVE UNIT, COMPLETE (28/3020)		1	
	<p>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)</p>			
7947	OPERATING PISTON ASSEMBLY (65586)		2	
7949	'O' Ring on Piston (61647)		2	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

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	Gasket , between Extension and Front Casing (62161)	44- 2	1	
C.5983	Washer , Spacing (Steel) behind Gearbox Rear Bearing (60778)	44- 3	1	
C.5685	Circlip , 1 $\frac{3}{8}$ " External, behind Spacing Washer on Gearbox Mainshaft (9015)	44- 4	1	
C.5900	FRONT CASING ASSEMBLY (65599)	44- 5	1	
C.5904	Welch Washer , sealing Bleed Holes (60479)	44- 6	1	
C.12340	Shaft for Main Operating Valve (64562)	44- 7	1	
7982	Cam Lever for Operating Shaft (60785)	44- 8	1	
C.5921	Taper Pin , securing Cam Lever (6127)	44- 9	1	
C.10378	'O' Ring at each end of Shaft (64486)	44-10	2	
C.5915	Main Operating Valve (60649)	44-11	1	
C.5922	Ball , $\frac{5}{16}$ " diameter, at top of Valve (9809)	44-12	1	
C.5919	Plunger for Ball (60036)	44-13	1	
7972	Spring for Plunger (60440)	44-14	1	
C.5906	Plug , retaining Valve Parts (65109)	44-15	1	
C.5903	Washer (Copper) under Valve Plug (60024)	44-16	1	
C.5917	Guide Peg , positioning Oil Pump Plunger in Front Casing (60723)	44-17	1	
C.5908	Lever , on Shaft, outside Front Casing for setting of Main Operating Valve (60813)	44-18	1	
C.5921	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.12344	Stud , in side face of Casing (64634)	44-20A	1	
C.5910	Stud , in front face of Casing (60678)	44-21	1	
C.5913	Stud , in front face of Casing (61091)	44-22	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.5671	Breather at top of Front Casing (64370)	44-25	1	
UFN.131/L	Nut , on Studs in Front Casing (65362)		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	Plug , securing Oil Pump Plunger in Body (60620)	44-29	1	
C.5960	Screw , Set, securing Oil Pump Body to Front Casing (65290)	44-30	7	
AG.102/X	Washer , Spring, on Setscrew (1431)	44-31	7	
C.5966	Ball , $\frac{1}{2}$ " diameter, for non-return valve to Oil Pump (9802)	44-32	1	
C.5919	Plunger , behind Ball (60036)	44-33	1	
7972	Spring , for Plunger (60440)	44-34	1	
C.5906	Plug , retaining non-return Valve (60614)	44-35	1	
C.5903	Washer (Copper) under Plug (60024)	44-36	1	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

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)	44-38	1	
C.5936	Washer (Fibre) on Drain Plug (60406)	44-39	1	
8536	MAGNETIC RING IN OIL FILTER (60151)	44-40	1	
C.5982	CAM, OPERATING OIL PUMP (60663)	44-41	1	
C.11428	OPERATING PISTON ASSEMBLY IN FRONT CASING (65594)	44-42	2	
C.5970	Piston Rings (60337)		2 sets	Supplied only in sets.
C.5952	Bridge Piece retaining Operating Pistons (60704)	44-43	2	
C.5962	Nut, securing Bridge Pieces (65360)	44-44	4	
C.5695	Tab Washer, locking Nuts (65500)	44-45	4	
7969	ACCUMULATOR PISTON ASSEMBLY COMPLETE WITH RINGS (65520)	44-46	1	
7981	Ring for Piston (65369) (comprising two wide and four narrow Rings per Piston)	44-47	1	
7970	HOUSING ASSEMBLY FOR ACCUMULATOR PISTON (65535)	44-48	1	
C.5924	'O' Ring on Housing (131/5)		2	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
7975	SPACING TUBE HOUSING ACCUMULATOR 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	Gasket, between Bracket and Front Casing (60823)	44-53	1	
C.5963	Nut, securing Bracket to Studs at side of Front Casing (65361)	44-54	2	
FG.105/X	Washer, Spring, under Nuts (65462)	44-55	2	
C.5961	Screw, Set (Head painted red) securing Bracket and holding Accumulator Spring on tension (65291)	44-56	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	Screw, Set, securing Selector Lever to Operating Shaft	44-58	1	
UFN.125/L	Nut, on Setscrew	44-59	1	
FG.104/X	Washer, Spring, under Nut	44-60	1	
C.11201	COVER PLATE AT SIDE OF BRACKET	44-61	1	
C.11202	Gasket, between Cover Plate and Mounting Bracket	44-62	1	
UFS.119/3R	Screw, Set, securing Cover Plate		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	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

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.) (65024)	45- 4	1	
C.5689	Circlip (90 mm. Internal) securing Ball Bearing from back (9108)	45- 5	1	
C.5977	Circlip (1 $\frac{7}{8}$ " External) securing Ball Bearing from front (9003)	45- 6	1	
C.11433	BRAKE RING (62128)	45- 7	1	
C.11698	SUN WHEEL, PLANETARY CARRIER AND ANNULUS ASSEMBLY (65604)		1	
C.5931	Sun Wheel Assembly (65526)	45- 8	1	
C.5932	Planetary Carrier Assembly (65527)	45- 9	1	
C.11743	Annulus Assembly (65601)	45-10	1	
C.5932	PLANETARY CARRIER ASSEMBLY (65527)	45- 9	1	
7976	Shaft , for Planetary Bearings (64399)		3	
C.11839	Bearing (Torrington) inside Planetary Wheels (65027)		6	
7979	Thrust Washer behind Planetary Gears (65336)		3	
C.5975	Thrust Washer (Phosphor Bronze) adjacent to Planetary Carrier (60631)	45-11	1	
C.5941	Thrust Washer (Phosphor Bronze) adjacent to front face of Sun Wheel (60629)	45-12	1	
C.5943	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/A) (.113"/.114" thick)	45-13	1	} SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS.
C.5944	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/B) (.107"/.108" thick)	45-13	1	
C.5945	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/C) (.101"/.102" thick)	45-13	1	
C.5946	Thrust Washer (Steel) at front of Phosphor Bronze Washer (60667/D) (.095"/.096" thick)	45-13	1	
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	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

Part No.	Description	Plate No.	No. per Unit	Remarks
C.5956	CAGE FOR UNI-DIRECTIONAL CLUTCH (64011)	45-14	1	
C.5967	Roller for Cage (12 rollers per set) (65534)	45-15	1 set	SUPPLIED ONLY IN SETS.
C.5950	Spring for Cage (64059)	45-16	1	
C.5957	INNER MEMBER FOR UNI-DIRECTIONAL CLUTCH (FREE WHEEL) (64010)	45-17	1	
C.5942	Thrust Washer , behind Uni-Directional Clutch Inner Member (60634)	45-18	1	
C.5969	BALL BEARING, ON SHAFT, ADJACENT TO ANNULUS (1$\frac{1}{4}$"\times2$\frac{3}{4}$"$\times$$\frac{11}{16}$") (65025)	45-19	1	
C.5687	BALL BEARING, AT REAR END OF ANNULUS SHAFT (30\times62\times16 mm.) (65026)	45-20	1	
C.5981	Spacing Washer, behind Bearing (.146" thick) (60657E)	45-21	1	} SELECTIVE SIZES CHOOSE WASHERS OF DESIRED THICKNESS.
C.5694	Spacing Washer, behind Bearing (.151" thick) (60657F)	45-21	1	
C.5695	Spacing Washer, behind Bearing (.156" thick) (60657G)	45-21	1	
C.5696	Spacing Washer, behind Bearing (.161" thick) (60657H)	45-21	1	
C.5697	Spacing Washer, behind Bearing (.166" thick) (60657J)	45-21	1	
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)	45-25	1	
C.11953	SPEEDOMETER DRIVE ASSEMBLY	45-26	1	
C.11211	'O' Ring around Speedometer Drive (64564)		1	
C.5680	Screw, locking Speedometer Drive in Casing (61082)	45-27	1	
7978	Washer (Copper) on locking Screw (65462)	45-28	1	

MANUALLY OPERATED OVERDRIVE UNIT

FOR XK.150 'S' MODELS FITTED WITH 3.8 LITRE ENGINE

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	Nut, securing Flange to Annulus Shaft (61085)	45-41	1	
C.8772	Washer, Plain, under Nuts (AT.20306)	45-32	1	
L.102/12U	Split Pin, locking Nut to Shaft	45-33	1	
C.8398	STEADY BLOCK ON CENTRE CROSS MEMBER OF CHASSIS FRAME	45-34	1	
C.8399	Shim, under Steady Block	45-35	As req'd	
NS.119/6D	Screw, Set, securing Steady Block		2	
C.723/A	Washer, Shakeproof, on Setscrews		2	

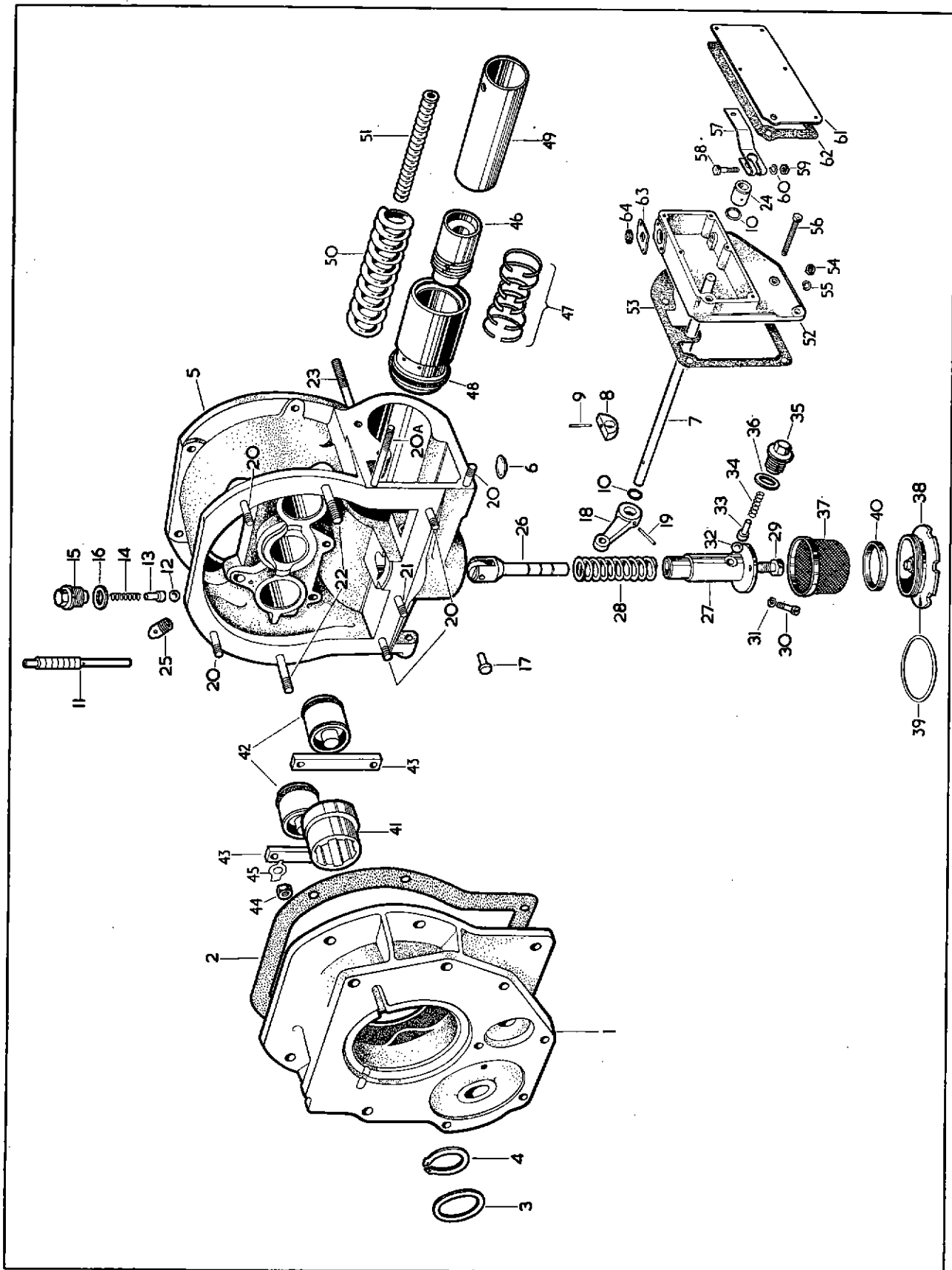


PLATE 44

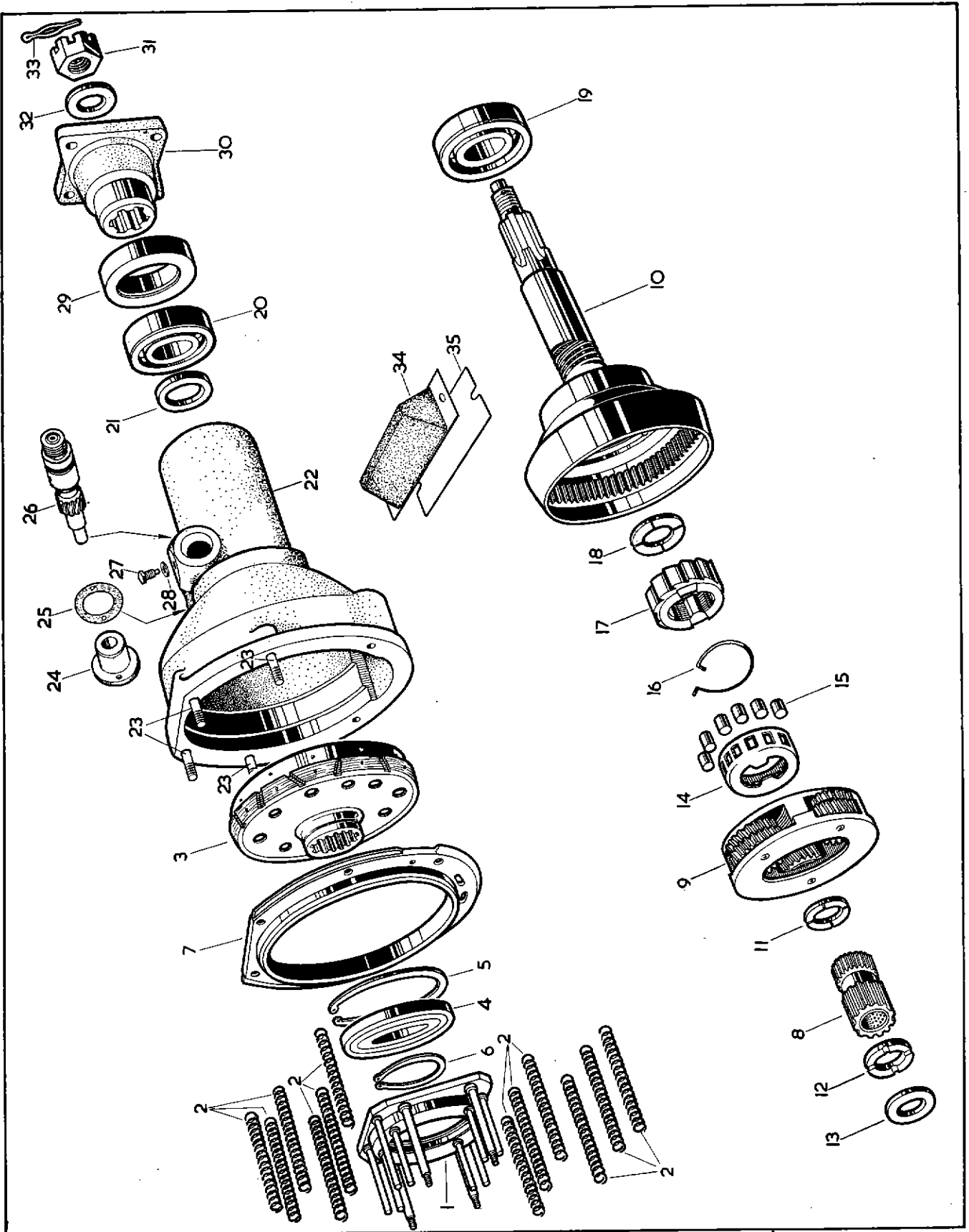


PLATE 45