

SILVER DAWNSECTION GG E A R B O X

Containing:-

- GROUP 1. CHANGE SPEED MECHANISM (Side Type)
 1A CHANGE SPEED MECHANISM (Column Type)
 2. DAMPER CONTROL PUMP AND SPEEDOMETER DRIVE
 3. FIRST MOTION SHAFT
 4. GEARBOX
 5. REVERSE MOTION SHAFT
 6. SECOND MOTION SHAFT
 7. SELECTOR MECHANISM (Internal)
 8. SERVO MOTOR DRIVE
 9. THIRD MOTION SHAFT
 10. TIE BAR

KEY TO CHASSIS NUMBERS

Used on	LSBA	1-25, 27-29	= G
" "	LSBA	26, 30 onwards	= H
" "	LSBA	All	
" "	LSCA	1-9	= J
" "	LSCA	11 onwards	= K
" "	LSBA	2-42 (LC)	= L
" "	LSBA	44 onwards (LC)	= M
" "	LSBA	2-62, 66, 70-74	= N
" "	LSBA	64, 68, 76 onwards	= O
" "		A & B Series	
" "	SFC	2-120, 134, 136	= R
" "	SFC	122-134, 138 onwards	= S

GROUP G1. CHANGE SPEED MECHANISM

Comprising

BEARING, lateral ball, assembly including 16 balls, .487" dia., RG 6209 or RG 6593	1	GB 4155A	1	
BEARING, spherical joint	2	GB 3467	1	
BEARING, spherical, inner female	3	RG 3225	1	
BEARING, spherical, outer female	4	RG 3224	1	
BEARING, spherical, male	5	RG 3644	1	
BOLT, 2 BA, spherical joint	X. 4	KB 7956	4	
BOLT, .312" dia., selector lever	X.11	K 310	1	
BOLT, .375" dia., gate to bracket retaining	X.12	K 406	2	
BRACKET, assembly with 2 off studs KB 405/Z	6	RG 3324A	1	
COVER, end	7	RG 3326	1	
COVER, spherical bearing	8	GB 3643	1	
FERRULE, change speed shaft	9	RG 3337	1	
GATE, assembly, with stop plate (not supplied separately)	10	RG 3341	1	
JOINT, spherical bearing to gearbox	11	GB 4124	1	
KEY, change speed and selector lever boss .125 wide (see section X for extra switch keys)	X.18	KC 505	2	
LEVER, change speed assembly, consisting of	12	RG 3327A	1	G
Arm, reverse stop		GW 1784	2	
Bolt, 5 BA, reverse stop spring retaining		GW 4154	1	
Bolt, .312" dia., lever boss		K 313	1	
Handle		GB 992	1	
Lever		RG 3327	1	
Link, spring		GB 4157	1	
Nut, 5 BA, reverse stop spring retaining		K 4003	1	
Nut, full, .312" dia., lever boss		K 4009	1	
Piece, distance reverse stop and fulcrum		GB 4153	2	
Rivet, reverse stop and fulcrum		GB 4152	1	
Rod, with sleeve, GW 1464 and sleeve pin RG 3340		RG 3342	1	
Spring, inside handle		G 84203	1	
Spring, reverse stop		GW 1782	1	
Stop, reverse		RG 3338	1	
Stop, sleeve		GB 483	1	
Washer, spring, .312" dia., lever boss		K 9009	1	
LEVER, change speed, assembly, as above except		RG 5748A	1	H
Lever		RG 5748	1	
Rod, with sleeve GW 1464 and sleeve pin RG 3340 assembled		RG 5746	1	
LEVER, selector	13	GB 5129	1	
MEMBER, driven, spherical joint	14	GB 3642	1	
NUT, half, 2 BA, spherical joint	X.24	K 4307	4	
NUT, half, .312" dia., bracket to frame studs	X.24	K 4313	2	
NUT, half, .312" dia., selector lever bolt	X.24	K 4313	1	
NUT, half, .375" dia., gate to bracket bolt	X.24	K 4316	2	
PACKING, bracket to frame	15	RG 3331		B
RACE, outer internal ball bearings	16	RG 3334	1	
RING, spring change speed shaft	25	RG 3336	1	
SCREW, 2 BA, end cover retaining	X.46	K 1907/Z	4	

GROUP G1. (Continued overleaf)

GROUP G1. CHANGE SPEED MECHANISM (Continued)

SCREW, hexagon head, .250" dia., spherical bearing	X.55	KC 208/Z	3	
SHAFT, change speed	17	RG 3329A	1	
SHAFT, selector assembly with 1 off spring stop ring GW 1273	18	GB 4938A	1	
SPRING, change speed shaft	19	RG 3335	2	
SPRING, selector shaft	20	GB 3882	1	
SPRING, spherical joint	21	GB 1767	1	
STOP, rubber	22	RG 3332	1	
WASHER, change speed shaft	23	RG 3489	1	
WASHER, end, lateral ball bearing	24	RG 3333	2	
WASHER, lock, .312" dia., selector lever bolt	X.89	KB 7107	1	
WASHER, spring, 2 BA, end cover screw	X.87	K 9006	4	
WASHER, spring, 2 BA, spherical joint	X.87	K 9006	4	
WASHER, spring, .250" dia., spherical housing	X.87	K 9008	3	
WASHER, spring, .312" dia., bracket to frame studs	X.87	K 9009	2	
WASHER, spring, .375" dia., gate to bracket bolt	X.87	K 9010	2	

GROUP G1A. CHANGE MECHANISM TO SUIT L.H. CONTROL

Comprising

BEARING, flexible strip pin	1	RF 5085	2	
BRACKET, bellcrank lever with 2 off stud KB 657/Z	2	RF 6529	1	
BUSH, anti-rattle centre type	3	RF 5032	2	
BUSH, clamping, control linkage	4	RG 5763	1	
COTTER, lever	5	RG 5726	2	
COTTER, lever	X.16	KB 7705	2	
COVER, ball joint linkage		RG 5768	5	J
COVER, ball joint linkage	6	RG 6768	5	K
COVER, dust tube	7	RF 6516	1	
COVER, change gear lever	8	RF 6709	1	
FORK, selector lever to rod	9	RG 5745	1	
HOUSING, bearing, lower, assembly	10	RF 6531A	1	L
Bush, oilite		RF 6525	1	
Dowel		RF 6519	1	
HOUSING, assembly, as above except additional		RF 7155A	1	M
Washer, felt		RF 7152	1	
HOUSING, bearing upper assembly with	11	RF 6504A	1	N
Housing		RF 6522	1	
Bush, oilite		RF 6520	1	
HOUSING, assembly with		RF 7368A	1	O
Housing		RF 7367	1	
Bush, oilite		RF 6580	1	
JAW, pull rod	X.17	KB 1115/Z	3	
JAW, pull rod, selector mechanism	12	GW 2137	1	
LEVER, bellcrank, gear change mechanism assembly with 2 off bush GB 3615	13	RG 5777A	1	
LEVER, bellcrank, gear change mechanism, assembly with 1 off Bush GB 3615	14	RG 5778A	1	

GROUP G1A. (Continued overleaf)

GROUP 1A. CHANGE MECHANISM TO SUIT L.H. CONTROL (Continued)

LEVER, gear change tube with bush RF 6501	15	RF 6502	1	
LEVER, gear change assembly, consisting of		RF 6713	1	N
Bush, oilite		RF 6289	2	
Handle, gear change lever		RF 6277	1	
Spindle, gear change lever		RF 6290	1	
Button		RF 6508	1	
Lever		RF 6506	1	
Pin, ball		RF 6515	1	
Pin, taper, .125" dia., lever spindle		K 4901	1	
Rod		RF 6714	1	
Spring		RF 8080	1	
Stop		RF 6710	1	
Washer, lock		RG 4001	1	
LEVER, gear change assembly as above, except	16	RF 6993	1	O
Bush, oilite		RF 6976	1	
Rod		RF 6974	1	
Stop		RF 6975	1	
LEVER, outer, selector shaft in gearbox	17	RG 5732	1	
LEVER, reverse light spring internal	18	RG 5735	1	
LEVER, reverse light operating internal assembly, consisting of	19	RG 5741	1	
Lever		RG 5734	1	
Pad		RG 5727	1	
LEVER, selector with dowel RG 6139 2 off	20	RF 5733A	1	
LEVER, selector, assembly, consisting of	21	RF 6548A	1	
Bush, oilite		GB 3615	2	
Bush, rubber		RF 6501	1	
Lever		RF 6495	1	
Pin, ball		RF 6515	1	
Washer, lock		RG 4001	1	
LOCKPLATE, selector lever to shaft	22	RG 5742	1	
NUT, lock, .250" dia., cotter pin lever	X.24	K 4310/Z	1	
NUT, lock, .250" dia., bearing housing	X.24	K 4310/Z	2	
NUT, lock, .250" dia., pin strap	X.24	K 4310/Z	2	
NUT, lock, .250" dia., shaft bellcrank lever	X.24	K 4310/Z	2	
NUT, lock, 2 BA, cotter lever	X.24	K 4307/Z	2	
NUT, lock, 2 BA	X.24	K 4307/Z	3	
NUT, .312" dia.	X.24	K 4313/Z	8	
NUT, plain, 2 BA, bellcrank lever bracket	X.21	K 4006/Z	2	
PAD, ball pin	23	RF 6514	2	
PAD, ball joint housing	24	RG 5762	5	J
PIN, plain, .187" dia., pull rods	X.30	KB 4507/Z	3	
PIN, plain, .312" dia., pull rods	X.30	KB 4562/Z	1	
PIN, split, .062" dia., jaws	X.31	K 4601/Z	3	
PIN, split, .125" dia., jaws	X.31	K 4643/Z	1	
PIN, split, .062" dia.,	X.31	K 4602/Z	3	
PIN, strap, bearing housing lower	25	RG 5743	1	
PIN, ball joint housing	26	RG 6770	5	K

GROUP G1A. (Continued overleaf)

GROUP G1A. CHANGE MECHANISM TO SUIT LH CONTROL (Continued)

PLUG, ball joint housing		RG 5767	5	J
PLUG, ball joint housing	27	RG 6769	5	K
PLUG, ball pin	28	RF 6513	2	
ROD, lever to gearbox	29	RG 5771	1	
ROD, pull, column to lever assembly with housing RG 5761 (not supplied separately)		RG 5750	1	J
ROD, pull, column to lever assembly with housing RG 6766 (not supplied separately)	30	RG 6773	1	K
ROD, pull selector mechanism	31	RG 5772	1	
SCREW, cheese head, 2 BA	X.46	K 1949/Z	2	
SCREW, 2 BA, operating rod fork	X.54	KC 175/Z	1	
SCREW, .250" dia., selector shaft to lever	X.55	KC 904/Z	4	
SCREW, socket, upper housing	32	RF 6528	2	
SCREW, .312" dia., support stay	X.56	KC 295/Z	1	
SHAFT, gear change lever	33	RG 5744	1	
SHAFT, reverse light operating	34	RG 5729	1	
SHAFT, selector cross	35	RG 5740	1	
SPRING, ball pin pad	36	GB 3408	2	
SPRING, pull off	37	RF 8079	1	
STAY, support column to lever		RG 5774	2	J
STAY, support column to lever	38	RG 6953	2	K
STRAP, bellcrank lever bracket	39	RF 6530	1	
STRAP, lower bearing housing with 2 off stud KB 362/Z	40	RF 6532A	1	
STRAP, upper bearing housing	41	RF 6523	1	
STUD, .250" dia., bearing housing strap		KB 362/Z	2	
TUBE, cross gear change assembly, with 4 off housing RG 5761 (not supplied separately)		RG 5770	2	J
TUBE, cross gear change assembly with 4 off housing RG 6766	42	RG 6765	2	K
TUBE, gear change assembly, including		RF 6711A	1	P
Base, support		RF 6708	1	
Piece, extension		RF 6526	1	
Pin, taper		K 4880	2	
Tube, gear change		RF 6511	1	
TUBE, gear change assembly including	43	RF 6997	1	O
Base, support		RF 6994	1	
Bush, oilite		RF 6289	2	
Plate, backing, spring gear change		RF 6973	1	
Piece, extension		RF 6526	1	
Rivet, spring, gear change		KB 1808	1	
Spindle		RF 6971	1	
Spring, leaf, gear change		RF 6972	1	
Tube, gear change		RF 6511	1	
TUBE, inner	44	RF 6512	1	
WASHER	45	FW 337	1	
WASHER, housing	46	RF 6527	1	
WASHER, Grover, .250" dia., cotter	X.81	K 4508/Z	2	
WASHER, Grover, 2 BA, cotter	X.81	K 4506/Z	2	
WASHER, 7 BA, inner tube	X.85	K 4450/Z	2	
WASHER, plain, .250" dia., cotter	X.85	K 4407/Z	2	
WASHER, plain, .200" dia., cotter	X.85	K 4404/Z	2	

GROUP G1A. (Continued overleaf)

GROUP G1A. CHANGE MECHANISM TO SUIT LH CONTROL (Continued)

WASHER, plain, .312" dia., lever bracket	X.85	K 4410/Z	1
WASHER, selector shaft	47	RG 7014	1
WASHER, spring, 2 BA	X.87	K 9006/Z	2
WASHER, spring, .250" dia.	X.87	K 9008/Z	7
WASHER, spring, .312" dia., support stay	X.87	K 9009/Z	1
WASHER, spring, 2 BA, setscrew fork	X.87	K 9006/Z	1

GROUP G2. DAMPER CONTROL PUMP AND SPEEDOMETER DRIVE

Comprising

BALL, steel, .406" dia., valve	1		1
BOLT, 5 BA, operating lever	X. 7	K 3706/Z	1
BUSH, driving	2	GB 4812	1
COLLAR, valve lever pivot	X.16	KB 1178/Z	1
COVER	3	GB 4814	1
COVER, valve spring	4	GB 5345	1
GEAR, driving, 8 teeth	5	GB 3757	1
GEAR, driven, oil pump, 15 teeth	6	GB 3572	1
GEAR, shaft, driving oil pump, 15 teeth	7	RG 464	1
HOUSING, pump assembly, consisting of	8	RG 463A	1
Bolt, 2 BA, disc retaining		KB 7866/Z	3
Disc, bearing		GB 4811	1
Housing		RG 463	1
Nut, full, 2 BA, disc and pivot		K 4006/Z	1
Pivot, valve lever		GB 3562	1
Washer, lock disc retaining nut		KB 7104	3
JOINT, cover and housing	9	GB 4950	2
LEVER, operating, external	10	GB 3565	1
LEVER, valve, internal	11	GB 3567	1
NUT, castellated, .250" dia., driving gear	X.20	K 4208/Z	1
NUT, full, 5 BA, operating lever bolt	X.21	K 4003/Z	1
NUT, lock, 2 BA, pump casing	X.24	K 4307/Z	3
PIN, operating	12	GB 5022	1
PIN, split, .002" dia., driving, gear nut	X.31	K 4602/Z	1
PIN, split, .002" dia., valve, lever pivot		K 4602/Z	1
PLUG, felt, speedometer drive	13	GB 4810	1
SPRING, valve	14	GB 3566	1
WASHER, plain, .250" dia., driving gear	X.85	K 4407/Z	1
WASHER, spring, 5 BA, operating lever bolt	X.87	K 9008/Z	1

GROUP G3. FIRST MOTION SHAFT

Comprising

BEARING, ball	1	RG 5958	1	A
BEARING, ball		RG 6951	1	A
CONE, synchromesh, 4th speed assembly, consisting of	2	RG 4281		
Cone		RG 4278	1	
Insert		RG 3240	1	
Rivet		KB 12568	4	

GROUP G3. (Continued overleaf)

GROUP G3. FIRST MOTION SHAFT (Continued)

CONE, synchromesh, as above except		RG 4281	1	T
Cone		RG 4278	1	
GEARSHAFT, 18 teeth, 1st motion	2	GB 5338	1	
NUT, ball, bearing retaining	X.23	KB 3541/Z	1	
RETAINER, roller (assembly purposes only)	4	RG 3130	1	
ROLLER, 1st, motion shaft bearing (Fischer)	5	GB 5282	14	A
ROLLER, 1st, motion shaft bearing (R & M)		RG 6584	14	A
ROLLER, 1st, motion shaft bearing (Hoffman)		RG 7080	14	A
WASHER, plain, ball bearing	6	GB 5360	1	
WASHER, locking, ball bearing nut	7	GB 5382	1	

GROUP G4. GEARBOX

Comprising

ADAPTOR, oil supply to damper	1	RG 168	1	
BEARING, selector shaft	2	RG 5737	1	
BOLT, .250" dia., backing plate to housing (LC)	X.10	K 205/Z	1	
BOLT, .312" dia., rear cover foot	X.11	K 306/Z	2	
BRACKET, reverse light switch (LC)	3	RG 5731	1	
CIRCLIP, Seegar, .812" dia., bore locating piece servo bearing	4	KB 14017	1	
COVER, bottom, drain assembly, with 1 off adaptor RG 3321	5	RG 3119A	1	
COVER, large, L.H. side, RC assembly with patent number plate	6	RG 4403A	1	
COVER, large, L.H. side, LC assembly with patent number plate	7	RG 5738A	1	
COVER, L.H. gear change bore (RC)	8	RG 429	1	
COVER, main front	9	RG 5309	1	
COVER, main rear	10	RG 5310	1	
COVER, selector bars rear	11	GB 4436	1	R
COVER, selector bars rear		RG 7315	1	S
COVER, selector shaft actuation (LC)	12	RG 7085	1	
COVER, top inspection (RC)	13	GB 4126	1	
COVER, top inspection (LC)	14	RG 5618	1	
CUP, felt, washer oil seal (LC)	15	RG 5728	1	
DIPSTICK, assembly	16	GB 5130	1	
FORK, and jaw, reverse operation		RG 167	1	
GATE, gear change (LC)	17	RG 5736	1	
GEARBOX, RC assembly, consisting of	18	RG 3117A	1	
Casing		RG 3117	1	
Plug, damper control housing and selector lock drilling		RG 3322	1	
Stud, 2 BA, damper pump control shaft, brackets		KB 256/Z	2	
Stud, 2 BA, L.H. gear change bore		KB 253/Z	4	
Stud, .250" dia., pressed steel covers	X.67	KB 399/Z	28	R
Stud, .250" dia., pressed steel covers		KB 399/Z	24	S
Stud, .250" dia., damper control housing		KB 351/Z	3	
Stud, .250" dia., front cover		KB 353/Z	6	
Stud, .250" dia., rear main cover		KB 366/Z	2	
Stud, .250" dia., rear main cover		KB 353/Z	3	

GROUP G4. (Continued overleaf)

GROUP G4. GEARBOX (Continued)

GEARBOX, RC assembly, consisting of (Continued)

Stud, .250" dia., rear support bracket		KB 355/Z	7	
Stud, .250" dia., selector eccentric pin covers		KB 350/Z	6	
Stud, .250" dia., selector rod covers	X.68	KB 360/Z	4	S
Stud, .312" dia., tie rod bracket		KB 402/Z	2	

GEARBOX, LC assembly, as above except

RG 3117B 1

Plug, damper control bracket		RG 7012	2	
Stud, 2 BA, backing plate		KB 750/Z	1	
Stud, 2 BA, backing plate		KB 273/Z	3	
Stud, .250" dia., shaft bearing and gate		KB 352/Z	7	
Stud, .250" dia., housing		KB 367/Z	1	
Stud, .250" dia., housing		KB 371/Z	1	

The following studs are not used on (LC)

KB.256/Z, KB.253/Z. There are 22 off
KB.399/Z.

JOINT, laminated cork, bottom drain cover	19	RG 3120	1	
JOINT, laminated cork, L.H. side cover (RC)	20	RG 170	1	
JOINT, laminated cork, selector bars rear cover	21	RG 3001	1	R
JOINT, laminated cork, top inspection cover (RC)	22	GB 4125	1	
JOINT, vellumoid, L.H. gear change bore cover (RC)	23	RG 427	1	
JOINT, vellumoid, large L.H. side cover (LC)	24	RG 5660	1	
JOINT, vellumoid, main front cover	25	GB 4123	1	
JOINT, vellumoid, main rear cover	26	GB 4833	1	
JOINT, vellumoid, top cover and gate (LC)	27	RG 5659	2	
JOINT, vellumoid, backing plate to housing (LC)	28	RG 5776	1	
JOINT, vellumoid, selector shaft, R.H. bearing (LC)	29	GB 4124	1	
NUT, half, 2 BA, L.H. gear change bore and damper control shaft brackets (RC)		K 4307/Z	6	
NUT, half, 2 BA, backing plate to housing		K 4307/Z	4	
NUT, half, .250" dia., (RC)		K 4310/Z	57	
NUT, half, .250" dia., (LC)		K 4310/Z	59	
NUT, half, .312" dia., rear cover foot bolt		K 4313/Z	2	
NUT, half, .312" dia., tie rod bracket stud		K 4313/Z	2	
NUT, reach, conduit clips (LC)	30	RG 6162	2	
PACKING, rear cover, foot	31	GB 5266	4	
PACKING, reverse light switch (LC)		RG 7038		B
PACKING, reverse light switch (LC)		RG 7039		B
PIECE, locating, servo bearing	32	RG 3129	1	
PLUG, oil drain	33	RG 3744	1	
RING, sealing, servo bearing locating piece		KB 6201	1	
RING, spring, front ball bearing bore	34	RG 5311	1	
RING, spring, rear ball bearing bore	35	RG 5312	1	
SEAL, selector cross shaft (LC)	36	RG 5730	1	
SCREW, locking, 2nd and reverse bearing shaft	37	GB 5018	2	
SCREW, reverse, light bracket (LC)		KC 153/Z	2	
SUPPORT, rear casing, assembly, consisting of	38	RG 174A	1	
Plate		GB 4895	2	
Support		RG 174		

GROUP G4. (Continued overleaf)

GROUP G4. GEARBOX (Continued)

TUBE, damper control pump suction assembly, consisting of	39	GB 3568A	1
Adaptor		GB 3568	1
Filter		GB 5035	1
Tube		RG 172	1
WASHER, adjusting, reverse light switch (LC)			
.040 thick RG 6384		.060 thick RG 6386	
.050 thick RG 6385		.070 thick RG 6287	
WASHER, joint, damper control pump, suction tube	40	RG 3248	1
WASHER, joint, .500" dia., damper oil supply adaptor		KB 1097	1
WASHER, joint, oil drain plug		KB 1093	1
WASHER, locking, 2nd, and reverse bearing shaft locking screw		KB 7109	2
WASHER, plain, .250" dia., pressed steel covers (RC)		K 4407/Z	28
WASHER, plain, .250" dia., pressed steel covers (LC)		K 4407/Z	6
WASHER, spring, 2 BA, L.H. gear change bore (RC) and damper control shaft brackets		K 9006/Z	6
WASHER, spring, 2 BA, locking plate to housing reverse light bracket (LC)		K 9006/Z	6
WASHER, spring, .250" dia., (RC)		K 9008/Z	57
WASHER, spring, .250" dia., (LC)		K 9008/Z	62
WASHER, spring, .250" dia., conduit clip (LC)		K 9008/Z	1
WASHER, spring, .312" dia., rear cover foot bolt		K 9009/Z	2
WASHER, spring, .312" dia., tie rod bracket stud		K 9009/Z	2

GROUP G5. REVERSE MOTION SHAFT

Comprising

GEARSHAFT, reverse 21 and 44 teeth front and rear respectively, assembly, consisting of	1	RG 183A	1
Bush, white metalled		GB 5019	2
Gearshaft		RG 183	1
SHAFT, bearing	2	RG 184	1
WASHER, thrust	3	RG 182	1

GROUP G6. SECOND MOTION SHAFT

Comprising

BEARING, front Timken, cone roller	1	RG 5686	1
BEARING, rear Timken, cone roller	2	RG 5687	1
GEARSHAFT, 2nd, motion (23, 17, 20, 12 and 19 teeth front to rear gears respectively)			
RING, sealing, front end	X.34	KB 3602	1
SHAFT, bearing	4	RG 3124	1
WASHER, rear end		GB 5270	1

GROUP G6. (Continued overleaf)

GROUP G6. SECOND MOTION SHAFT (Continued)

WASHER, adjusting, front end	5	1	A
.080 thick RG 3131	.082 thick RG 4474		
.084 thick RG 3132	.086 thick RG 4475		
.088 thick RG 3133	.090 thick RG 4476		
.092 thick RG 3134	.094 thick RG 4477		
.096 thick RG 3135	.098 thick RG 4478		
.100 thick RG 3136	.102 thick RG 4479		
.104 thick RG 3137	.106 thick RG 4480		
.108 thick RG 3138	.110 thick RG 4481		
.112 thick RG 3139	.114 thick RG 4482		
.116 thick RG 3140	.118 thick RG 4483		
.120 thick RG 3141	.122 thick RG 4484		

GROUP G7. SELECTOR MECHANISM (INTERNAL)

Comprising

ARM, retaining and detent roller assembly	1	RG 7219	1	S
BALL, steel, .312" dia., shaft interfering	2	RG 6131	2	A
BALL, steel, .312" dia., shaft interfering		RG 6594	2	A
BALL, steel, .500" dia., shaft positioning	3	RE 6627	3	
BOLT, 2 BA, retaining jaw to fork	X. 9	K 108/Z	4	
FORK, operating, 2st and 2nd, 3rd and 4th gears	4	GB 5076	2	
JAW, bolted to fork	5	GB 5075	2	
LEVER, 1st and 2nd motion operating	6	GB 4831	1	
LEVER, 3rd and 4th motion operating	7	GB 4832	1	
LEVER, reverse operating	8	RG 3151	1	
NUT, cap, adjusting screw detent roller	9	RE 9032	1	S
NUT, lock, adjusting screw detent roller	X.24	K 4313/Z	1	S
NUT, full, 2 BA, jaw to fork retaining	X.21	K 4006/Z	4	
NUT, half, .250" dia., pin to operating levers	X.24	K 4310/Z	2	
retaining				
PIN, actuating, 1st and 2nd, 3rd and 4th motion				
levers	10	GB 4144	2	
PIN, eccentric pivot, 1st, 2nd and reverse gears	11	RG 3126	2	
PIN, eccentric pivot, 3rd and 4th gears	12	RG 3127	1	
PIN, retaining detent roller	13	RG 7217	1	S
PLATE, eccentric pivot pin retaining	14	RG 3002	3	
PLATE, locking, jaw locating screw	15	GB 4341	4	
RING, guide shaft, retaining	16	RG 3354	1	
RING, sealing, eccentric pivot pin	X.34	KB 6201	3	
RING, sealing, operating, guide shaft	X.34	KB 6201	1	
SCREW, adjusting, retaining arm detent roller	17	RG 7314	1	
SCREW, locating jaw to selector shaft	18	GB 3451	4	
SCREW, 2 BA, selector shaft jaw locating screw	X.54	KC 152/Z	4	
SHAFT, guide, operating forks	19	RG 3226	1	
SHAFT, selector, 1st and 2nd, gears with jaw				
GB 5128		RG 164A	1	R
SHAFT, selector, 1st and 2nd, gears with jaw				
GB 5128	20	RG 7210A	1	S
SHAFT, selector, 3rd and 4th, gears with jaw				
GB 5128		RG 165A	1	R
SHAFT, selector, 3rd and 4th, gears with jaw				
GB 5128	21	RG 7211A	1	S

GROUP G7. (Continued overleaf)

GROUP G7. SELECTOR MECHANISM (INTERNAL) (Continued)

SHAFT, reverse, motion with jaws GB 5128 and RG 167		RG 166A	1	R
SHAFT, reverse, motion with jaws GB 5128 and RG 167	22	RG 7212A	1	S
SPRING, shaft positioning		GB 4338	3	R
SPRING, shaft positioning	23	RG 7213	3	S
SPRING, detent roller, 1st and 2nd speed	24	RG 7215	1	S
WASHER, adjusting reverse shaft	25	RG 5655		B
WASHER, cap nut, detent roller		KB 1077	1	S
WASHER, lock, 2 BA, selector shaft jaw lock plate retaining screw		KB 7104	4	
WASHER, pin, retaining arm detent roller		KB 1076	1	S

GROUP G8. SERVO MOTOR DRIVE

Comprising

BEARING, ball inner	1	RG 7079	1	A
BEARING, ball inner		RG 4449	1	A
BEARING, ball inner		RG 6588	1	A
BEARING, ball outer	2	RG 4448	1	A
BEARING, ball outer		RG 7078	1	A
BEARING, ball outer		RG 6587	1	A
CIRCLIP, Seegar, outer bearing	3	KB 14188	1	
CIRCLIP, Seegar, worm wheel	4	KB 14172	1	
HOUSING, oil seal	5	RG 3109	1	
JOINT, oil seal housing	6	RG 3000	1	
NUT, castellated, .437" dia., shaft retaining	X.20	KB 3589	1	
PIN, servo driving	7	RG 3222	3	
PIN, split, .093" dia., shaft nut	X.31	K 4608	1	
SCREW, countersunk head, 2 BA, housing	X.50	K 2810	4	
SEAL, oil, Angus "Gaco"	8	RG 7027	1	
SHAFT	9	RG 3246	1	
WASHER, inner bearing	10	GB 4043	1	
WASHER, worm wheel	11	RG 3705	1	
WHEEL, worm	12	RG 3419	1	

GROUP G9. THIRD MOTION SHAFT

Comprising

BALL, steel, .312" dia., 1st speed gear	1	RG 6594	2	A
BALL, steel, .312" dia., 1st speed gear		RG 6131	2	A
BEARING, ball centre	2	RG 4447	1	A
BEARING, ball centre		RG 7076	1	A
BEARING, ball centre		RG 6595	1	A
BEARING, ball rear	3	RG 5959	1	A
BEARING, ball rear		RG 6592	1	A
BUSH, large dia., flange 2nd and 3rd speed gears	4	RG 6984	1	
BUSH, small dia., flange 2nd and 3rd speed gears	5	RG 6983	1	
CONE, synchromesh, 2nd speed assembly	6	RG 3245	1	
CONE, synchromesh, 3rd speed assembly	7	RG 4280	1	

GROUP G9. (Continued overleaf)

GROUP G9. THIRD MOTION SHAFT (Continued)

FLANGE, rear coupling	8	RG 3121	1
GEAR, 21 teeth, 3rd speed driven	9	RG 100	1
GEAR, 28 teeth, 1st speed gear	10	RG 3221	1
GEAR, 30 teeth, 2nd speed driven	11	RG 179	1
GEAR, worm servo drive	12	RG 3418	1
KEY, 1st, speed gear	13	GB 5391	1
KEY, locating, 3rd speed gear	14	GB 5359	1
KEY, 3rd to 4th speed sliding piece	15	RG 5471	2
NUT, rear flange	16	G 54923	1
PIECE, sliding 3rd to 4th speed	17	RG 5470	1
PIN, locating, 3rd speed gear	18	RG 3128	1
PLUNGER, supporting piece key	19	RG 7009	2
SHAFT, 3rd motion (supersedes RG 193 not supplied as a replacement)	20	RG 5469	1
SLEEVE, 3rd, speed gear and centre bearing	21	GB 5374	1
SPRING, 1st speed gear	22	GB 4875	2
SPRING, 3rd speed gear locating pin	23	GB 3408	1
SPRING, supporting, .187" dia., steel balls	24	GB 4842	2
WASHER, adjusting centre bearing	25		

.150 thick	GB 5366	.152 thick	GB 5368
.154 thick	GB 5370	.156 thick	RG 3496
.158 thick	RG 3497	.160 thick	RG 3371

WASHER, adjusting, 2nd speed gear 26

.173 thick	RG 3498	.175 thick	GB 5361
.177 thick	GB 5368	.179 thick	GB 5365

WASHER, adjusting, rear flange 27

.040 thick	RG 645	.045 thick	RG 6416
.050 thick	RG 6417	.055 thick	RG 6418
.060 thick	RG 6419	.065 thick	RG 6420
.070 thick	RG 6554	.075 thick	RG 6555
.080 thick	RG 6556	.085 thick	RG 6557
.090 thick	RG 6558	.095 thick	RG 6559
.100 thick	RG 6560	.105 thick	RG 6561
.110 thick	RG 6562	.115 thick	RG 6563

WASHER, key, 3rd, speed gear	28	RG 7392	1
WASHER, lock, rear flange nut	29	G 54681	1
WASHER, plain, rear flange	30	G 54680	1
WASHER, worm to 2nd speed gears			

.325 thick	RG 4350	.345 thick	RG 4351
.365 thick	GB 5371	.385 thick	RG 4352
.405 thick	RG 4353	.425 thick	RG 4354

GROUP G10. TIE BAR

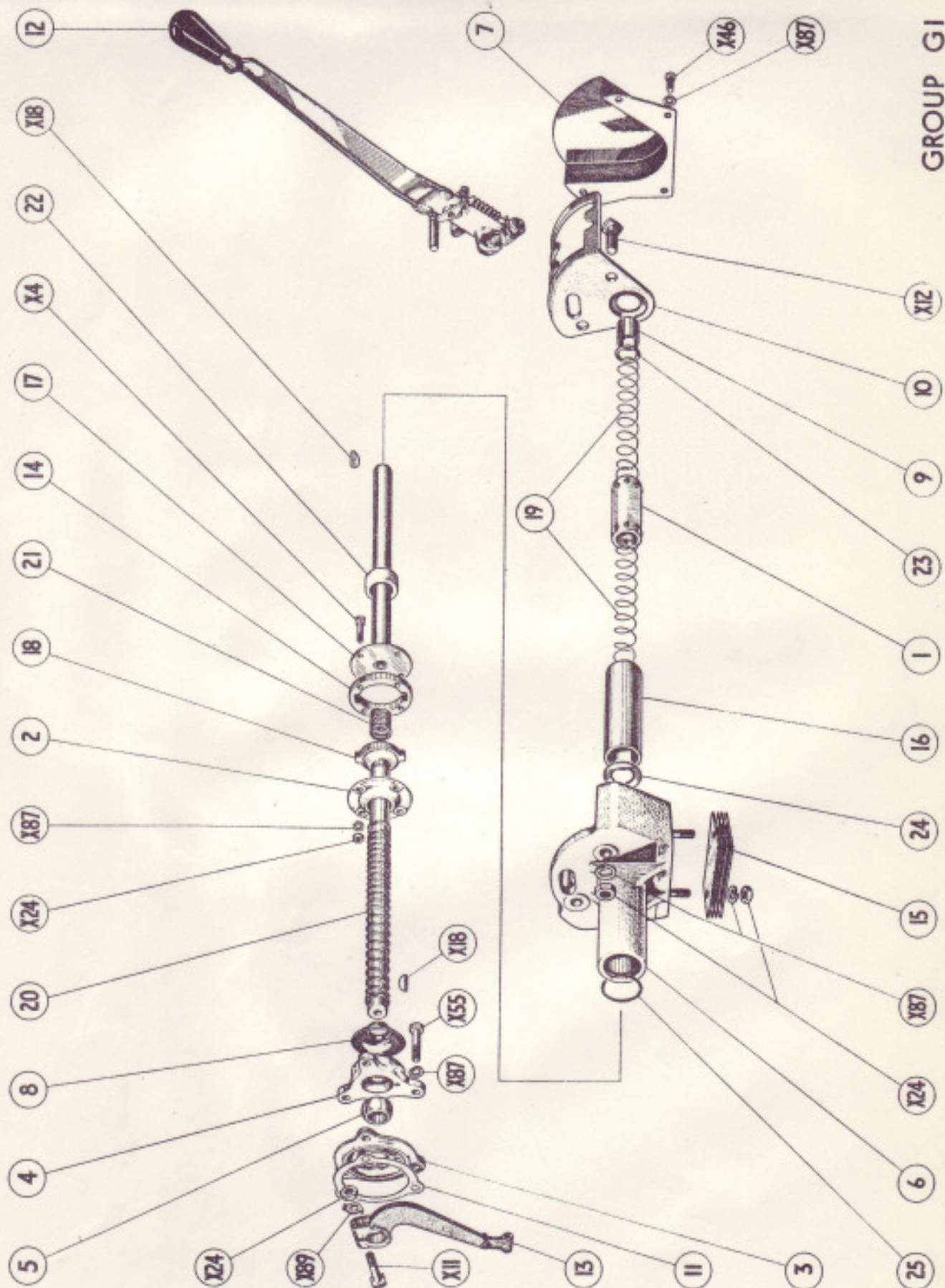
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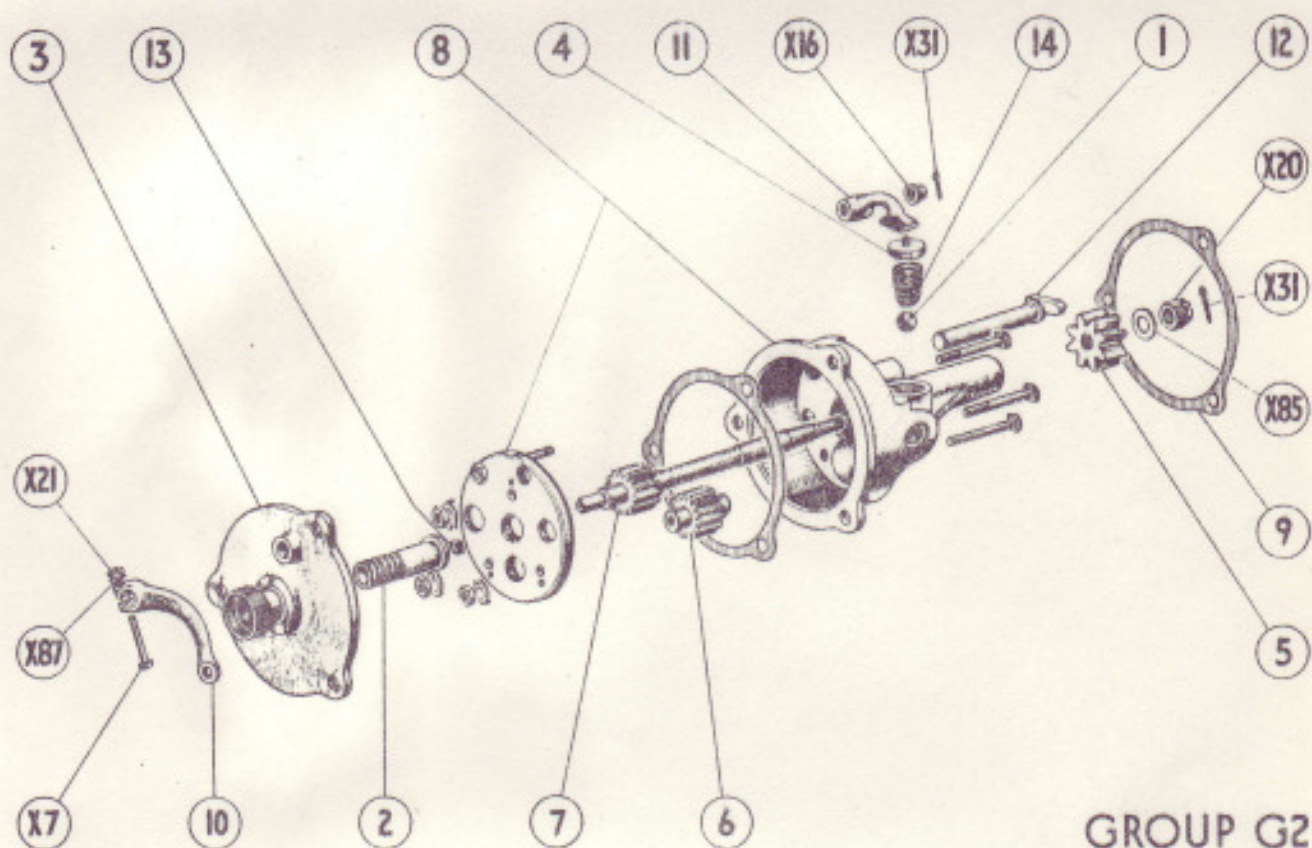
BLOCK, rubber	1	RG 3428	4
BOLT, .250" dia., tie rod bracket	X.10	K 243/2	3

GROUP G10. (Continued overleaf)

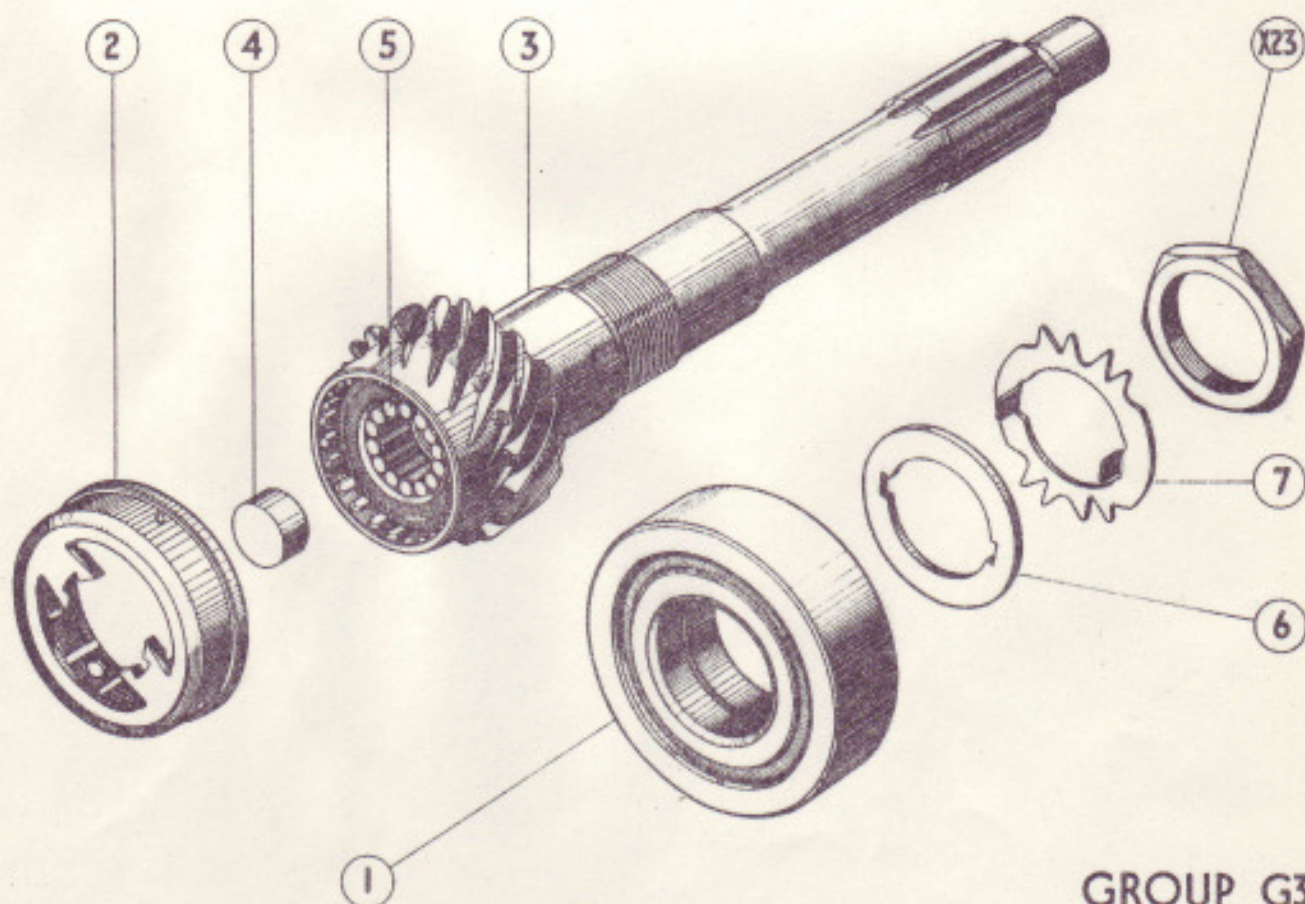
GROUP G10. TIE BAR (Continued)

BRACKET, assembly, consisting of	2	RG 5939	1
Bracket		RG 5883	1
Cup for rubber block		RG 3431	2
Rivet, .125" dia.		KB 2454	6
NUT, half, .250" dia., bracket to frame bolt	X.24	K 4310/Z	3
NUT, lock, .375" dia.,	X.24	K 4316	7
PIECE, distance, between rubber blocks	3	RG 3429	2
PLATE, packing	4	RG 3434	1
ROD	5	RG 3430	1
SEATING	6	RG 3427	1
WASHER, pressure	7	F 88553	4
WASHER, spring, .250" dia., bracket bolt	X.87	K 9008/Z	3



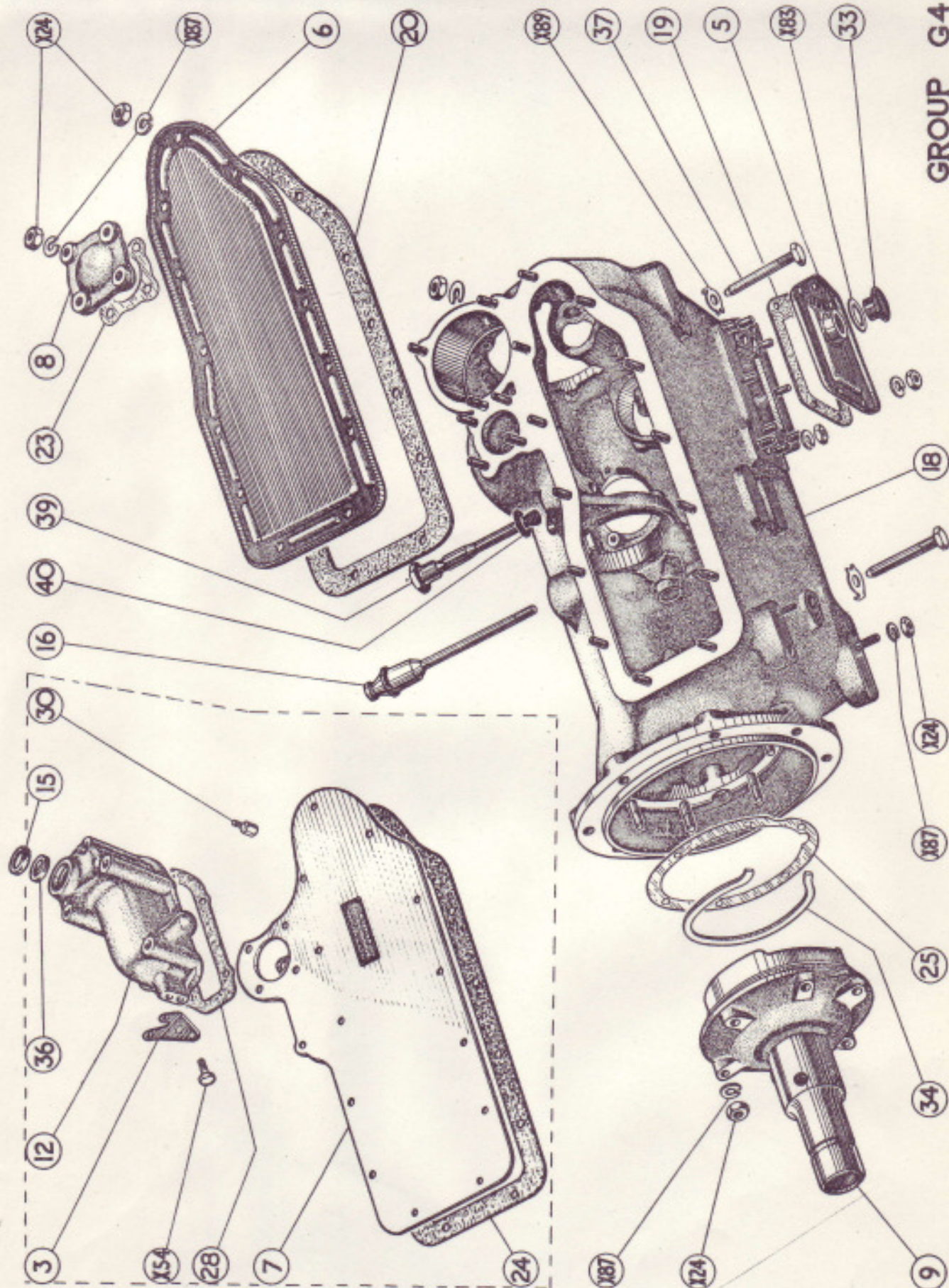


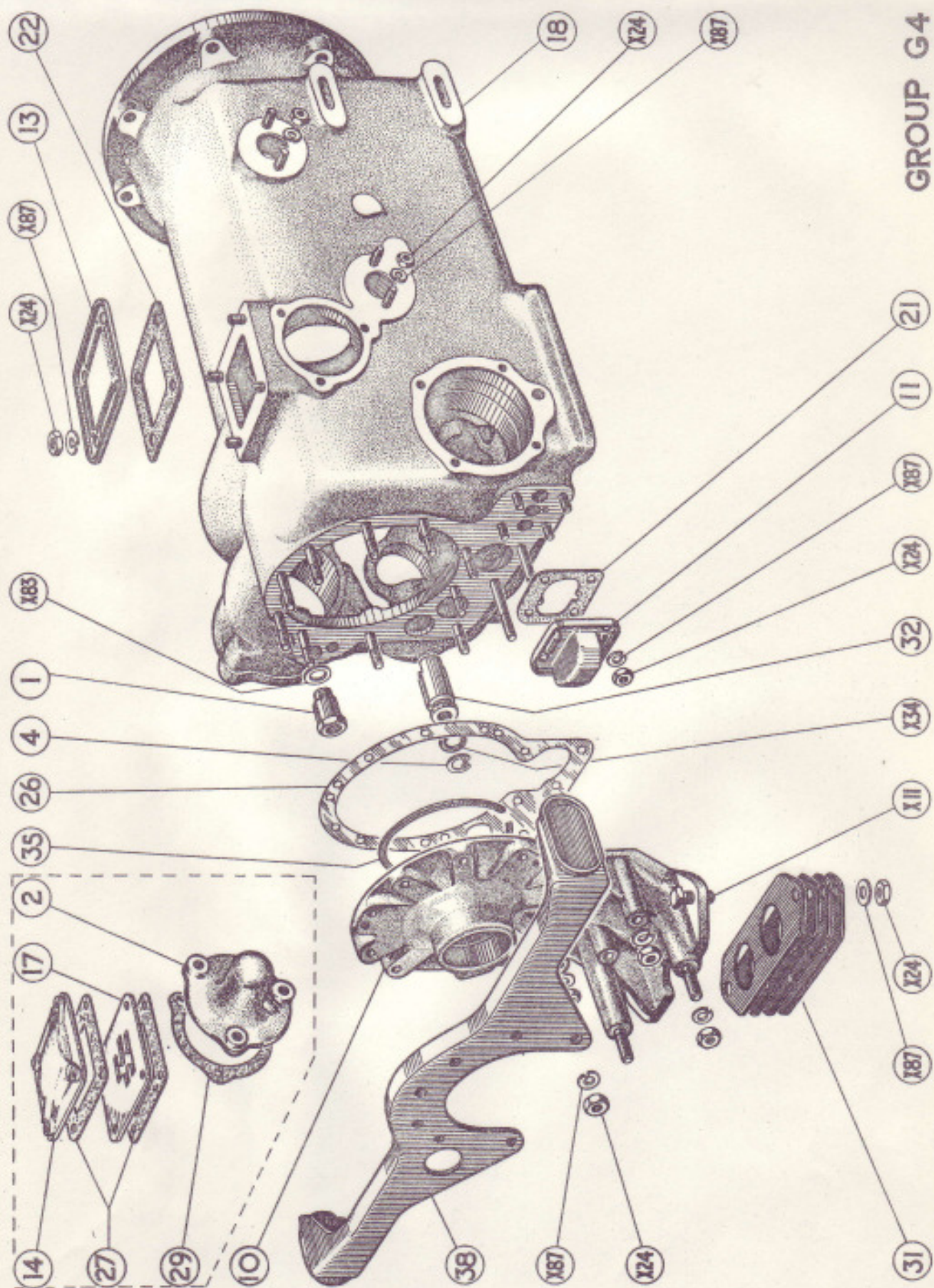
GROUP G2

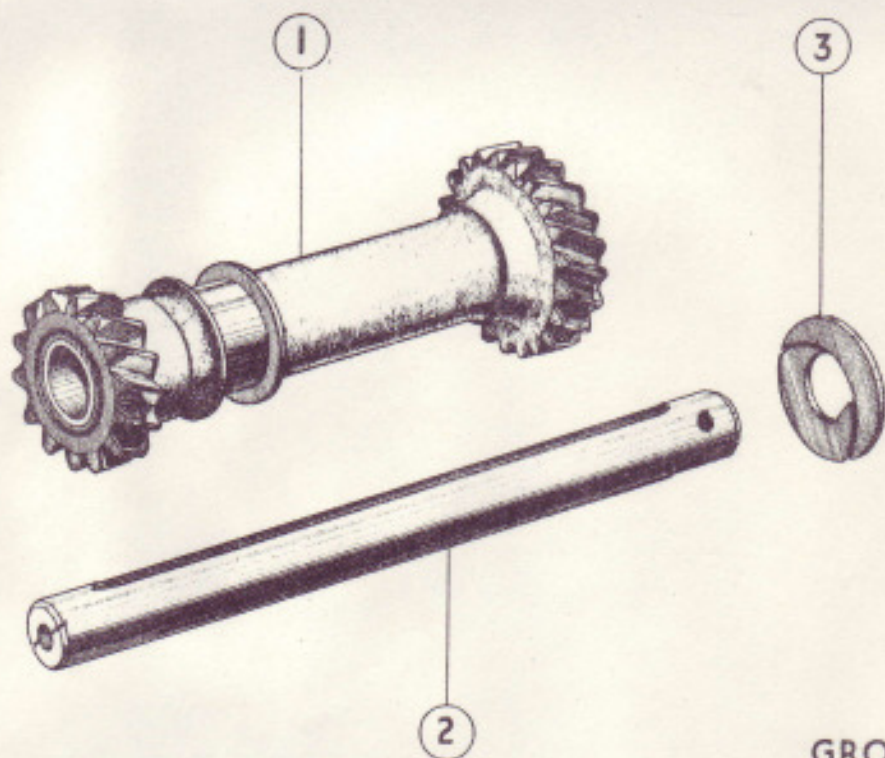


GROUP G3

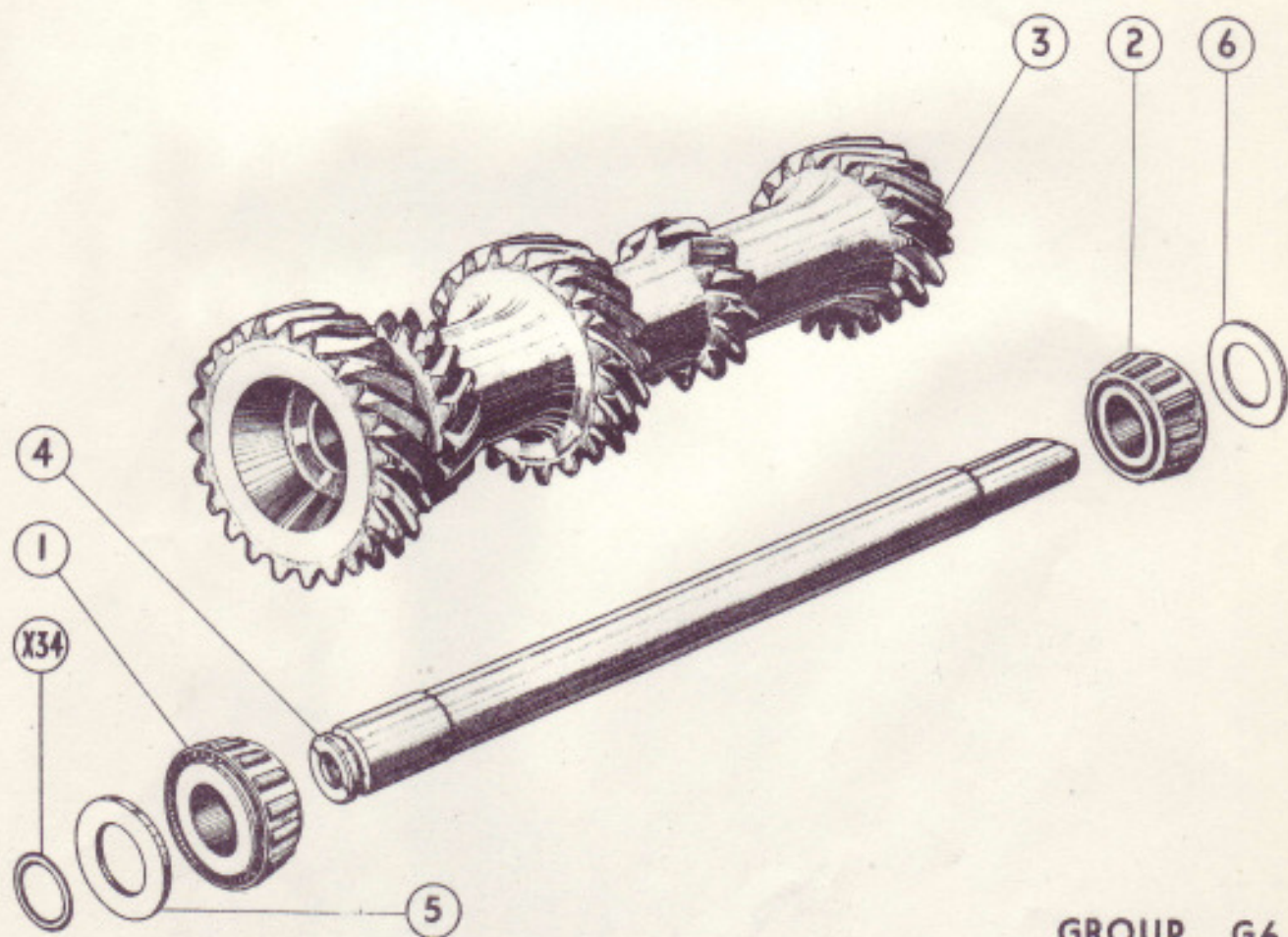






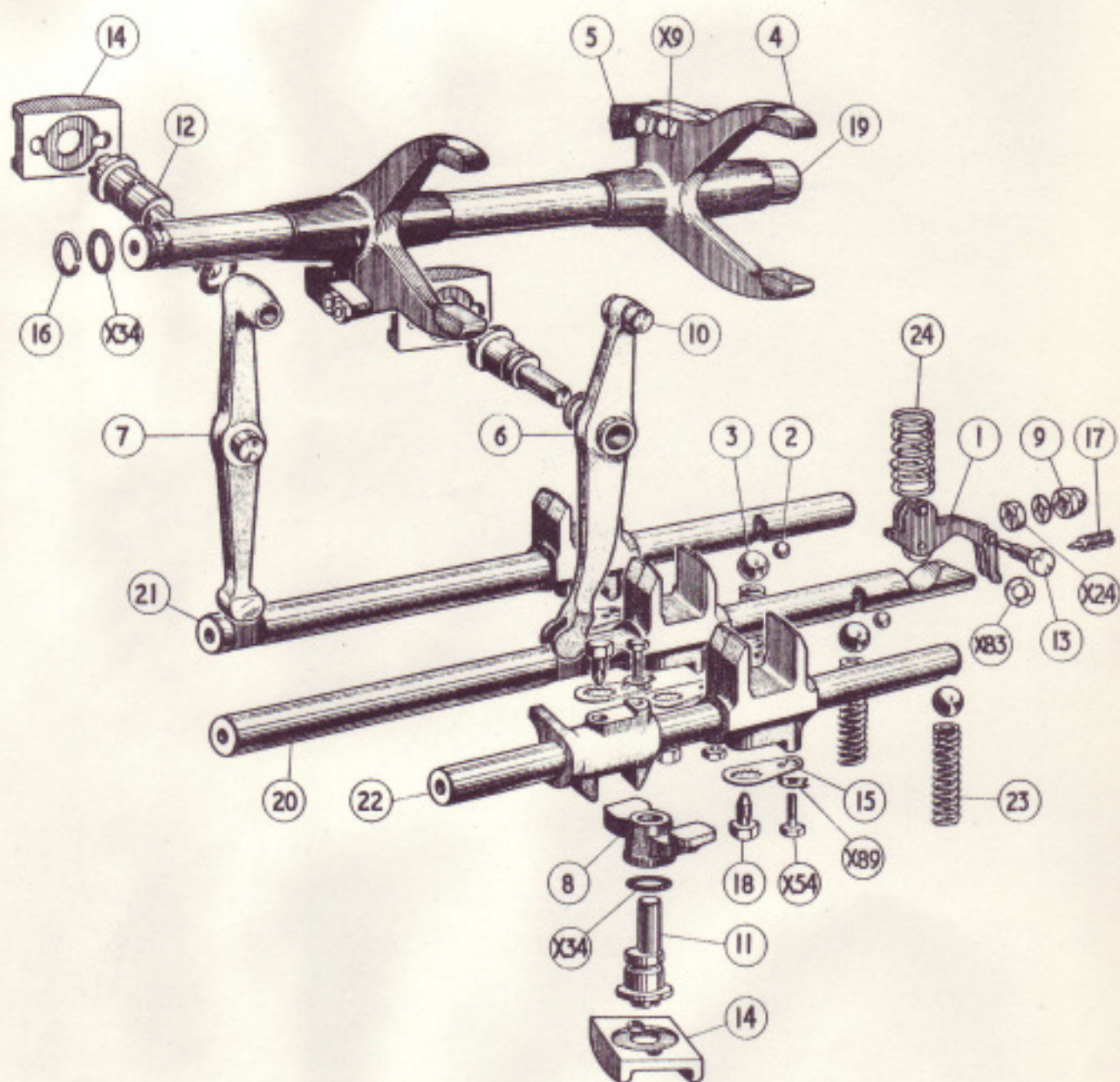


GROUP G5



GROUP G6





GROUP G 7



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