

BENTLEY

'R' TYPE

SECTION G.

GEARBOX

CONTAINING:-

GROUP 1.	CHANGE SPEED MECHANISM (R.C. ONLY)
" 1.A.	CHANGE SPEED MECHANISM (STEERING COLUMN SYNCHROMESH)
" 1.B.	CHANGE SPEED MECHANISM (AUTOMATIC (LC) ONLY TO B-33-UL)
" 1.C.	CHANGE SPEED MECHANISM (AUTOMATIC (ALL RC)
" 1.D.	CHANGE SPEED MECHANISM (AUTOMATIC B-35 UL ON.)
" 2.	DAMPER CONTROL PUMP AND SPEEDOMETER DRIVE (SYNCHROMESH ONLY).
" 3.	FIRST MOTION SHAFT (SYNCHROMESH)
" 4.	GEARBOX (SYNCHROMESH)
" 5.	REVERSE MOTION SHAFT (SYNCHROMESH)
" 6.	SECOND MOTION SHAFT (SYNCHROMESH)
" 7.	SELECTOR MECHANISM (SYNCHROMESH)
" 8.	SERVO MOTOR DRIVE (SYNCHROMESH)
" 9.	THIRD MOTION SHAFT (SYNCHROMESH)
" 10.	TIE BAR, REFER TO AUTOMATIC GEARBOX SCHEDULE SECTION J.

KEY TO CHASSIS NOTES:

Used on	All 'R' Series	
Used on B-SR	All chassis	
Used on B-SP	1 - 327, 343 - 377	= H.
Used on B-SP	329 - 341, 379 onwards	= J.
Used on B	R.S.T.U. Series	
Used on B-WG	1 - 87	
Used on B.C.	A and B Series	
Used on B.C.C.	1 - 77	= T.

KEY TO CHASSIS NOTES (Continued)

Used on B-WG	89 onwards	
Used on B.C.C.	78, onwards	= U.
Used on	R.S.T.U. series Automatic Gearbox	
Used on B-WH.	All Chassis " "	
Used on B-WG.	1 - 269 " "	
Used on Continental	A, B and C Series " "	= V.
Used on B-WG	271 onwards on Automatic Gearbox	
Used on Continental		
BC-D	1, onwards on Automatic Gearbox	= W.

SCHEDULE OF SPARE PARTS

REF NO. PART NO. QUANTITY
GROUP ASSY NOTES

GROUP G.1. CHANGE SPEED MECHANISM (R.C.Synchromesh)

Comprising:-

BEARING, lateral ball, assembly, including 16 balls.187" dia. RG.6209	1	GB.4155A	1	
BEARING, spherical joint	2	GB.3647	1	
BEARING, spherical, inner, female	3	RG.3225	1	
BEARING, spherical, outer, female	4	RG.3224	1	
BEARING, spherical, male	5	GB.3644	1	
BEARING, upper shell		RG.8267	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 stud KB.405/Z	6	RG.3324A	1	
BRACKET, support assembly		RG.8264	1	*
COVER, end support assembly	7	RG.3326	1	
COVER & SPRING, housing assembly		RG.6283	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 width keys)	X.18	KC.505	2	
LEVER, change speed assembly, consisting of	12	RG.5748A	1	H
Arm, reverse stop		GW.1784	2	
Bolt, 5 BA. reverse stop spring retaining		GB.4154	1	
Bolt, .312" dia. lever boss		K.313	1	
Bush, reverse catch		GB.4152	1	
Handle		GB.992	1	
Lever		RG.5748	1	
Link, spring		GB.4157	1	
Nut, full 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	
Rod, with sleeve GW.1464, and sleeve pin RG.3340, assembled		RG.5746	1	
Spring, inside handle		G.84203	1	
Spring, reverse stop		GW.1782	1	
Stop, reverse		RG.3338	1	
Stop, sleeve		GB.243	1	
Washer, spring .3125" dia. lever boss		K.9009	1	
LEVER, change speed assembly, as above, except		RG.8317A	1	J
Rod, (with sleeve GW.1466 & pin RG.3340, assembled)		RG.8325	1	
LEVER, change speed assembly		RG.8475A	1	*
Bolt, .312" dia. lever boss		K.312/Z	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSLY

NOTES

GROUP G.1. CHANGE SPEED MECHANISM (Continued)

Comprising:

LEVER, change speed assembly (Continued)

Bracket, reverse stop		RG.8528	1	
Handle		GB.992	1	
Hub		RG.6280	1	
Lever		RG.8475	1	
Nut, full, .312" dia. lever boss		K.4009	1	
Pin, sleeve		RG.3340	1	
Rod, bush		RG.8494	1	
Screw, 2 BA, bracket		K.1910/Z	2	
Sleeve		GW.1464	1	
Spring, inside handle		G.84203	1	
Stop, reverse, centre gear change		RG.8527	1	
Stop, sleeve		GB.843	1	
Washer, plain, 2 BA, bracket		K.4404/Z	2	
Washer, spring, .3125" dia. lever boss		K.9009	1	
LEVER, selector	13	GB.5129	1	
LEVER, selector		RG.6340	1	x
MEMBER, driven, spherical joint	14	GB.3642	1	
NUT, half, 2 BA, spherical joint	X.24	K.4307	4	
NUT, half, .3125" dia. bracket to frame studs	X.24	K.4313	2	
NUT, half, .3125" dia. selector lever bolt		K.4313	1	
NUT, full, .3125" dia. selector lever bolt		K.4009/Z	1	x
NUT, half, .375" dia. gate to bracket bolt	X.24	K.4316	2	
NUT, full, bracket to frame		K.4008/Z	4	x
PACKING, bracket to frame	15	RG.3331	4	
RACE, outer, lateral ball bearing	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	
SCREW, hex. head .250" dia. spherical bearing	X.55	KC.208/Z	3	
SCREW, set upper bearing to lower bearing		KC.907/Z	2	x
SCREW, set. bracket to frame and cover top		KC.904/Z	6	x
SHAFT, change speed	17	RG.3329	1	
SHAFT, selector, assembly, with 1 off spring stop ring GW.1273	18	GB.4938A	1	
SHAFT, selector		RG.6284	1	x
SPRING, change speed shaft	19	RG.3335	2	
SPRING, selector shaft	20	GB.3882	1	
SPRING, spherical joint	21	GB.1767	1	
STOP, lever		RG.8492	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, .3125" dia. selector lever bolt	X.89	KB.7107	1	
WASHER, spring, 2BA, end cover screw	X.87	K.9006	4	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASS'Y NOTES

GROUP G.1. CHANGE SPEED MECHANISM (Continued)

Comprising:

WASHER, spring, 2 BA, spherical joint	X.87	K.9006	4	
WASHER, spring .250" dia., spherical bearing	X.87	K.9008	3	
WASHER, spring, .312" dia., bracket to frame studs	X.87	K.9009	2	
WASHER, spring .312" dia., selector lever		K.9009/Z	1	*
WASHER, spring .375" gate to bracket bolt	X.87	K.9010	2	
WASHER, spring, bracket to frame (4)		K.9008/Z	4	*

NOTE: * These parts are used when centre gear change is fitted.

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

Comprising:

BEARING, flexible, pin strap	1	RG.5085	2	
BRACKET, bellcrank lever, with 2 off stud KB.657/Z	2	RF.6529	1	
BUSH, anti-rattle, centre tube	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	6	RG.6768	5	
COVER, dust, change gear 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.7155A	1	
Bush, oilite		RF.6525	1	
Dowel		RF.6519	1	
Washer, felt		RF.7152	1	
HOUSING, bearing, upper assembly	11	RF.7368	1	
Bush, oilite		RF.6520	1	
Housing		RF.7367	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.5777	1	
LEVER, bellcrank, gear change mechanism assembly, with 1 off bush GB.3615	14	RG.5778	1	
LEVER, gear change tube with bush RF.6501	15	RF.6502	1	
LEVER, gear change assembly, consisting of:	16	RF.6993	1	
Bush, oilite		RF.6976	1	
Button, plunger		RF.6508	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY. NOTES
GROUP ASS'LY

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

LEVER, gear change assembly consisting of (Contd)

Handle, gear change lever		RF.6277	1	
Lever		RF.6506	1	
Pin, ball		RF.6515	1	
Rod		RF.6974	1	
Spring		RF.8080	1	
Stop		RF.6975	1	
Washer, lock		RG.4001	1	
LEVER, outer, selector shaft in gearbox	17	RG.5732	1	
LEVER, reverse light, operating	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	RG.5733A	1	
LEVER, selector, assembly consisting of:-	21	RF.6548	1	
Bush, oilite		GB.3615	2	
Bush, rubber		RF.6501	1	
Lever		RF.6495	1	
Pin, ball		RF.6515	1	
Washer		RG.4001	1	
LOCKPLATE, selector lever to shaft	22	RG.5742	1	
NUT, lock .250" dia. cotter, pin lever	X.24	K.4310/Z	2	
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, lock, .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	
PIN, strap, bearing housing lower	25	RG.5743	1	
PIN, ball joint housing	26	RG.6770	5	
PIN, plain .187" dia. pull rod	X.30	KB.4507/Z	3	
PIN, plain .312" dia. pull rod	X.30	KB.4562/Z	1	
PIN, split, .062" dia.	X.31	K.4602/Z	3	
PIN, split, .062" dia. Jaws	X.31	K.4601/Z	3	
PIN, split .125" dia. Jaws	X.31	E.4643/Z	1	
PLUG, ball joint housing	27	RG.6769	5	
PLUG, ball pin	28	RF.6513	2	
ROD, pull, lever to gearbox	29	RG.5771	1	
ROD, pull, column to lever, with housing RG.6766 (not supplied separately)	30	RG.6773	1	
ROD, pull, selector mechanism	31	RG.5772	1	

SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASS'LY NOTES

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

SCREW, cheesehead, 2 BA cover	X.46	K.1949/Z	2	
SCREW, set 2 BA operating rod, fork	X.54	KC.175/Z	1	
SCREW, set .312" dia. support stay	X.56	KC.295/Z	1	
SCREW, socket head, upper housing	32	RF.6528	2	
SHAFT, gear change lever	33	RG.5744	1	
SHAFT, reverse light operating	34	RG.5729	1	
SHAFT, selector, cross	35	RG.5740	1	
SPINDLE, gear lever	48	RF.6971	1	
SPRING, ball pin pad	36	GB.3408	2	
SPRING, pull off	37	RF.8079	1	
STAY, support column to lever	38	RG.6953	2	
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	
TUBE, cross, gear change assembly with housing RG.6766	42	RG.6765	1	
TUBE, gear change assembly including:-	43	RF.6997	1	
Base, support		RF.6994	1	
Bush, oilite		RF.6289	2	
Piece, extension		RF.6526	1	
Plate, backing, spring, gear change		RF.6973	1	
Rivet, spring, gear change	K	KB.1808	1	
Spring, leaf, gear change		RF.6972	1	
Tube, gear change		RF.6511	1	
TUBE, gear change, as above except for length of tube		RF.9498	1	x
TUBE, inner	44	RF.6512	1	
TUBE, inner		RF.9499	1	x
WASHER	45	FW.337	2	
WASHER, Grover .250" dia. cotter	X.81	K.4508/Z	2	
WASHER, 2 BA, cotter	X.81	K.4506/Z	2	
WASHER, bearing	46	RF.6527	1	
WASHER, plain .312" dia. bellcrank lever bracket	X.85	K.4410/Z	1	
WASHER, plain .250" dia. cotter	X.85	K.4407/Z	2	
WASHER, plain, .200" dia.	X.85	K.4404/Z	2	
WASHER, spring 2 BA, stud, bellcrank lever bracket	X.87	K.9006/Z	2	
WASHER, spring .250" dia.	X.87	K.9008/Z	7	
WASHER, spring 2 BA screw, fork		K.9006/Z	2	
WASHER, spring .312" dia. support & stay.	X.87	K.9009/Z	1	
WASHER, 7 BA, inner tube	X.85	K.4450/Z	2	
WASHER, selector shaft	47	RG.7014	1	

NOTE:- x For use when 2" longer steering column is required.

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SCHEDULE OF SPARE PARTS

REF NO. PART NO.

QUANTITY
GROUP ASS'LY

NOTES

GROUP G.1.B. CHANGE SPEED MECHANISM (AUTOMATIC TRANSMISSION)

Comprising:

ADAPTOR, spring, selector lever	RF.9124	1	
BEARING, flexible, strap pin	RG.5085	2	
BODY, ball joint, throttle valve control rods	B.70594	4	
BOIT, clamping ball joint body	RE.3520	4	
BOLT, clamping gearbox throttle valve lever	UA.103/Z	1	
BOSS, captive, reverse stop plate	RF.9169	1	V
BOSS, captive, reverse stop plate	RF.10041	1	W
BUSH, clamping, control rod fork	RG.5763	1	
BRACKET, support, lower, assembly	RF.9112	1	
BUSH, bearing, operating tube	RF.9175	1	
BUTTON, gear range selector lever	RF.9414	1	
COVER, bottom, control quadrant	RF.9115	1	
COVER, dust, manual control ball joints	RG.6768	5	
DOWEL, steering tube to lower support bracket	RF.6519	1	
FORK, gear, selector rod	RG.5745	1	
HOUSING, manual control ball joints	RG.6767	5	
KNOB, gear range selector lever	RF.9147	1	
LEVER, bellcrank, gear range selector control assembly, consisting of:-	RG.7240	1	
+ Ball	RG.7242	3	
+ Bush	GB.3615	2	
+ Lever	RG.7241	1	
LEVER, bellcrank, throttle control, assembly, consisting of:	RE.18397	1	
+ Ball	RE.3527	2	
+ Bush	GB.3615	2	
+ Lever	RE.18396	1	
LEVER, gear range selector assembly, consisting of:	RF.9100	1	
+ Arm	RF.9255	1	
+ Fork	RF.9254	1	
Plate, stop, bottom	RF.9126	1	
Plate, stop, top	RF.9125	1	
Rivet	KB.1874	2	
LEVER, gearbox, manual control, assembly, consisting of:-	UG.121	1	
+ Ball	RG.7242	2	
+ Lever	UG.106	1	
LEVER, ratchet, gear range selector lever assy. consisting of:-	RF.9157	1	
+ Lever	RF.9120	1	
Pin, plain	RF.9154	1	
Pin, stepped	RF.9155	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASSY LY NOTES

GROUP G.1.B. CHANGE SPEED MECHANISM (Continued)

LEVER, throttle control assembly consisting of:

- + Ball
- + Lever

UG.122	1	
RE.3527		1
UG.107		1

NUT, clamping throttle control ball joints

RE.3667 4

NUT, full 5 BA, gear range selector knob

K.4003/Z 1

NUT, half, 2 BA, locking throttle control rods

K.4307/Z 4

NUT, half, 2 BA, selector, fork setscrew

K.4307/Z 1

NUT, half, .250" dia. bellcrank lever shaft

K.4310/Z 2

NUT, half, .250" dia. lower strap studs

K.4310/Z 2

NUT, half, .3125" dia. housing

K.4313/Z 5

NUT, half, .3125" dia. locking operating rod

K.4313/Z 2

NUT, half, .3125" dia. support stay

K.4313/Z 1

NUT, half, .4375" dia. adjusting screw

K.4319/Z 1

PIECE, distance, ratchet lever

RF.9156 1

PIN, strap, lower

RG.5743 1

PIN, ball joint housing

RG.6770 5

PIN, pivot, gear range selector lever

RF.9152 1

PIN, split, ratchet lever

K.4646/Z 2

PIN, split, pivot pin

K.4648/Z 1

PLATE, guide control quadrant, gear change

RF.10040 1

PLUG, ball joint housing

RG.6769 5

QUADRANT, control assembly, consisting of:-

RF.9790 1

Dowel, stop plates

RF.9176 4

Plate, stop, forward

RF.9121 1

Plate, stop, reverse

RF.9122 1

+ Quadrant

RF.9113 1

Stud, 3 BA, forward stop plate

KC.120/Z 1

Stud, 3 BA, reverse stop plate

RF.9172 1

RING, rubber, quadrant cover

RF.9964 6

ROD, control, throttle, bellcrank to gearbox

RG.7313 1

ROD, control, throttle, cross shaft to bellcrank

RG.7452 1

ROD, control, manual, bellcrank to gearbox

RG.7238 2

ROD, control, manual, column to bellcrank

RG.7453 1

ROD, operating, neutral and reverse stop

RF.9260 1

SCREW, adjusting, balljoint

E.70595 4

SCREW, adjusting, gear control tube

RF.6129 1

SCREW, quadrant strap

RF.6528 2

SETSCREW, 3 BA, quadrant bottom cover

RF.9963 3

SETSCREW, 2 BA, selector fork

KC.175/Z 1

SETSCREW, .3125" dia. support stay

KC.295/Z 1

SHAFT, bellcrank levers

RG.5744 1

SPRING, selector lever adaptor

RF.9116 1

SPRING, selector lever button

RF.9117 1

STAY, support

RG.6953 2

STRAP, control quadrant

RF.6523 1

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSEMBLY

NOTES

GROUP G.1.B. CHANGE SPEED MECHANISM (Continued)

STRAP, lower support bracket, with 2 off stud
KB.362/Z

RF.6532/A 1

STRIP, operating micro switches (where fitted)

RF.9674 1

TUBE, gear control assembly consisting of

RF.9111 1

Bush, rubber

RF.6501 1

+ Lever

RF.9110 1

+ Pin

RF.9145 1

Plug, felt

RF.9441 1

+ Tube, lower

RF.9171 1

+ Tube, top

RF.9170 1

WASHER, gear control lever

UG.141 1

WASHER, lock, control quadrant

KB.7103 2

WASHER, bellcrank lever shaft

FW.337 2

WASHER, plain, quadrant cover

RF.9970 3

WASHER, spring, 2 BA selector fork

K.9006/Z 1

WASHER, spring .250" dia. bellcrank lever shaft

K.9008/Z 2

WASHER, spring .250" dia., lower support strap
pin

K.9008/Z 2

WASHER, spring .250" dia., lower support strap
studs

K.9008/Z 2

WASHER, spring .3125" dia., support stay

K.9009/Z 1

GROUP G.1.C. CHANGE SPEED MECHANISM - AUTOMATIC (RC ONLY)

Comprising:-

ADAPTOR, spring, selector lever

RF.9124 1

BOLT, lever, T.V. controls

K.131/Z 1

BOLT, .312" dia., clamping, operating lever gear
change

K.309/Z 1

BOSS, captive, reverse stop plate

RF.9169 1

BOSS, captive, reverse stop plate

RF.10041 1

BRACKET, mounting, isolating link, dashboard

RG.8313 1

BUSH, bearing, operating tube

RF.9457 2

BUSH, clamping, control linkage

RG.5763 1

BUSH, rubber, links, isolating

RG.5085 4

BUTTON, gear change selector lever

RF.9414 1

COVER, bottom, control quadrant

RF.9115 1

COVER, dust, ball joint

RG.6768 5

HOUSING, ball joints

RG.6767 5

JAW, operating, rod, column to lever

RG.8194 1

KEY, Woodruff, operating tube(.125)

KC.505 1

KEY, Woodruff, operating tube(.1255)

KC.506 1

KEY, Woodruff, operating tube(.126)

KC.507 1

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASSEMBLY NOTES

GROUP G.1.C. CHANGE SPEED MECHANISM (Continued)

KEY, Woodruff, operating tube (.1265)	KC.508	1	A
KNOB, gear change, selector lever	RF.9147	1	
LEVER, gear range, selector assembly consisting of:-	RF.9100	1	
Arm	RF.9255	1	
Fork	RF.9254	1	
Plate, stop, bottom	RF.9126	1	
Plate, stop, top	RF.9125	1	
Rivet	KB.1874	2	
LEVER, gearbox, manual control assembly. consisting of:-	RG.8169	1	
Ball	RG.7242	1	
Lever	RG.8168	1	
LEVER, ratchet, gear change selector lever assembly consisting of:-	RF.9157	1	
Lever	RF.9120	1	
Pin, plain, lever rivet	RF.9154	1	
Pin, operating rod	RF.9155	1	
LEVER, throttle control, gearbox	RG.8455	1	
LEVER, operating, gear change assembly consisting of:-	RF.9440	1	
Ball	UG.421	1	
Lever	RF.9439	1	
Pin, operating micro switches	RF.9500	1	
Plate, spring	UR.422	1	
LINKS, isolating assembly, to socket, consisting of:-	RG.8311	1	
Link, upper	UG.683	1	
Link, lower	UG.685	1	
Rivet	KB.1970	2	
Socket	RG.8177	1	
NUT, .312" dia. adjusting screw	K.4313/Z	1	
NUT, .312" dia. housing, ball joint (5), operating rods (4)	K.4313/Z	9	
NUT, .312" dia. clamping bolt, operating gear change lever	K.4313/Z	1	
NUT, .250" dia. bracket, isolating link	K.4008/Z	2	
NUT, .250" dia. lever, operating, gearbox	K.4310/Z	1	
NUT, 2 BA, pivot, links isolating	K.4307/Z	1	
NUT, 2 BA, lever, T.V. control	K.4307/Z	1	
NUT, 2 BA, jaw, operating rod	K.4307/Z	1	
NUT, 2 BA, ball joint socket	K.4307/Z	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSLY

NOTES

GROUP G.1.C CHANGE SPEED MECHANISM (Continued)

NUT, 5 BA, button selector lever	K.4003/Z	1	
PIECE, distance, links isolating	K.9739/Z	1	
PIECE, distance, pin operating rod	RF.9156	1	
PIN, anchor, adaptor spring	RF.9145	1	
PIN, housing, ball joint	RG.6770	5	
PIN, pivot, gear range, selector lever	RF.9152	1	
PIN, split, ratchet lever	K.4646	2	
PIN, split, pivot pin	K.4648	1	
PIVOT, operating Tube, upper	RF.9508	1	
PLATE, guide control quadrant gear change	RF.10040	1	W
PLATE, support assembly, operating tube with 1 off socket RF.9459	RF.9460	1	
PLUG, housing, ball joint	RG.6769	50	
QUADRANT, control assembly consisting of:-	RF.9790	1	
Dowel, stop plate	RF.9176	4	
Plate, stop, forward	RF.9121	1	
Plate, stop, reverse	RF.9122	1	
Quadrant	RF.9113	1	
Stud, 3 BA, plate, stop, forward	KC.120/Z	1	
Stud, 3 BA, plate, stop, reverse	RF.9172	1	
RING, rubber, quadrant cover	RF.9964	6	
ROD, operating, stop mechanism	RF.9260	1	
ROD, operating, steering column assembly with 1 off spring eye UG.714	UG.712	1	
ROD, control lever, operating gearbox	RG.8193	1	
SCREW, adjusting, gear control tube	RF.9455	1	
SCREW, 2 BA jaw, operating rod, column to lever	KC.175/Z	1	
SCREW, 2 BA, pivot, links, isolating	KC.805/Z	1	
SCREW, 3 BA, quadrant, bottom cover	RF.9963	3	
SCREW, set, .250" dia. lever, operating, gearbox	RC.207/Z	1	
SCREW, socket head, quadrant stop	RF.6528	2	
SOCKET, ball joint, isolating mechanism	RG.8312	1	
SPRING, selector lever adaptor	RF.9116	1	
SPRING, selector lever, button	RF.9117	1	
SPRING, pre-load, upper ball joint	UG.713	1	
STRAP, control quadrant.	RF.6523	1	
STUD, .250" dia. bracket, isolating link	KB.399/Z	2	
TUBE, distance, isolating link pivot	UG.684	1	
TUBE, gear change operating	RF.9456	1	
TUBE, gear change operating	RF.9981	1	x
TUBE, gear change operating	RF.10310	1	=
TUBE, cross operating assembly consisting of :-	RG.8314	1	
Lever, operating assembly consisting of:-	RG.8166	1	
Bush, rubber	RF.6501	1	
Lever	RG.8167	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSY LY

NOTES

GROUP G.1.C. CHANGE SPEED MECHANISM (Continued)

TUBE, cross operating assembly consisting of (Contd)

Pin, ball	RG.8164	2	
Pivot, operating tube to cross tube	RG.8163	1	
Tube, cross RH to LH gear change	RG.8161	1	
Tube, operating, gearchange	RG.8162	1	
WASHER, gear control	UG.141	1	
WASHER, lock, 3 BA control quadrant	KB.7103	2	
WASHER, plain, 2 BA, quadrant cover	RF.9970	3	
WASHER, plain, .312" dia. bracket, isolating link	K.4410/Z	1	
WASHER, spring, .312" dia. bolt, operating lever	K.9009/Z	1	
WASHER, spring, .250" dia. bracket, isolating link	K.9008/Z	2	
WASHER, spring, .250" dia. lever operating gearbox	K.9008/Z	1	
WASHER, spring, 2 BA. lever, T.V. control	K.9006/Z	1	
WASHER, spring, 2 BA. jaw, operating rod lever	K.9006/Z	1	
WASHER, spring, 2 BA. pivot, isolating link	K.9006/Z	1	
WASHER, heavy, 2 BA. bracket, isolating link	KB.3904/Z	1	

NOTE:- * For use when 2" steering column is required.

= For use when 1½" shorter steering column is required.

GROUP G.1.D. CHANGE SPEED MECHANISM (LC ONLY).

Comprising:-

ADAPTOR, spring, selector lever	RF.9124	1	
BEAM, balance, assembly, gear change, consisting of:-	RG.8329	1	
Beam	RG.8330	1	
Pivot, long	RG.8336	1	
Pivot, short	RG.8337	1	
BOLT, .250" dia. 2.400" long, bracket to dashboard isolating link	K.222/Z	1	
BOLT, .250" dia. 2.00" long, bracket to dashboard	K.218/Z	1	
BOLT, .312" dia., clamping, operating lever	K.309/Z	1	
BOLT, 2 BA. pivot, operating lever, micro switch	K.102/Z	1	

SCHEDULE OF SPARE PARTS

REF NO. PART NO.

QUANTITY
GROUP AS'LY

NOTES

GROUP G.1.D. CHANGE SPEED MECHANISM (Continued)

BOLT, 5 BA, operating washer, micro switch	K.3708/Z	1	
BOLT, clamping, gearbox throttle lever	K.131/Z	1	
BOSS, captive, reverse stop plate	RF.9169	1	V
BOSS, captive, reverse stop plate	RF.10041	1	W
BRACKET, mounting, isolating links(dashboard)	RG.8321	1	
BUSH, bearing, operating tube	RF.9457	2	
BUSH, rubber, gear change linkage	RG.5085	6	
BUTTON, gear selector lever	RF.9414	1	
COVER, bottom, control quadrant	RF.9115	1	
COVER, dust, ball joint	RG.6768	3	
HOUSING, ball joint	RG.6767	3	
KEY, Woodruff, operating tube (.125)	KC.505	1	A
KEY, Woodruff, operating tube (.1255)	KC.506	1	A
KEY, Woodruff, operating tube (.126)	KC.507	1	A
KEY, Woodruff, operating tube (.1265)	KC.508	1	A
KNOB, gear range selector lever	RF.9147	1	
LEVER, bellcrank assembly consisting of:-	RG.8342	1	
Ball	RG.8334	1	
Boss	RG.8338	1	
Bush, oilite	RF.9423	2	
Bush, rubber	RF.6501	1	
Lever	RG.8341	1	
LEVER, gear range selector assembly consisting of:-	RF.9100	1	
Arm	RF.9255	1	
Fork	RF.9254	1	
Plate, stop, bottom	RF.9126	1	
Plate, stop, top	RF.9125	1	
Rivet	KB.1874	2	
LEVER, gearbox, manual control assembly. consisting of:-	RG.8169	1	
Ball pin	RG.7242	1	
Lever	RG.8168	1	
LEVER, gear change operating assembly consisting of:-	RF.9845	1	
Ball pin	UR.421	1	
Lever	RF.9439	1	
Plate, spring	UR.422	1	
LEVER, micro switch operating	RF.9840	1	
LEVER, ratchet, gear range selector assembly consisting of:-	RF.9157	1	
Lever	RF.9120	1	
Pin, operating rod	RF.9155	1	
Pin, lever rivet	RF.9154	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSEMBLY

NOTES

GROUP G.1.D. CHANGE SPEED MECHANISM (Continued)

LEVER, gearbox, throttle valve control	RG.8455	1	
LINK, isolating	RG.8340	1	
NUT, screw, adjusting, gear change tube	K.4319/Z	1	
NUT, 5 BA, gear selector lever	K.4003/Z	1	
NUT, 5 BA, operating washer, micro switch	K.4301/Z	1	
NUT, .250" dia. balance beam, pivot on dashboard bracket	K.4310/Z	1	
NUT, .250" dia. lever, gearbox, manual control	K.4310/Z	1	
NUT, .250" dia. bolts, bracket, dashboard	K.4008/Z	2	
NUT, 2 BA, lever, throttle valve control	K.4307/Z	1	
NUT, 2 BA, pivot, micro switch, operating lever	K.4307/Z	1	
NUT, 2 BA, pivot balance beam	K.4307/Z	1	
NUT, .250" dia. pivot, balance beam	K.4008/Z	1	
NUT, .250" dia. bracket on dashboard	K.4008/Z	2	
NUT, .312" dia. adjusting screw	K.4313/Z	1	
NUT, .312" dia. bolt, clamping, operating lever	K.4313/Z	1	
NUT, .312" dia. ball joint housing	K.4313/Z	3	
NUT, .312" dia. operating rod, gear change	K.4313/Z	2	
NUT, .312" dia. balance beam, gear change	K.4313/Z	1	
NUT, .312" dia. isolating link	K.4313/Z	1	
NUT, .312" dia. control rod to bellcrank	K.4313/Z	1	
NUT, .250" dia. strap lower	K.4310/Z	2	
PLATE, spring, anchor, pre-load spring to control rod	RG.8339	1	
PIECE, distance, pin, operating rod	RF.9156	1	
PIECE, distance, bracket to dashboard	RG.8431	1	
PIN, anchor, adaptor spring	RF.9145	1	
PIN, ball joint housing	RG.6770	3	
PIN, pivot, fork, selector lever	RF.9152	1	
PIN, pivot, micro switch, operating lever	RF.9841	1	
PIN, split, ratchet lever	K.4646/Z	2	
PIN, split, pivot pin	K.4648/Z	1	
PIVOT, operating tube, top	RF.9508	1	
PIVOT, operating lever pin, micro switch	RF.9842	1	
PIVOT, balancing beam, gear change	RG.8331	1	
PLATE, guide, control quadrant gear change	RF.10040	1	W
PLUG, ball joint housing	RG.6769	3	
QUADRANT, control assembly, consisting of:-	RF.9790	1	
Dowel, stop plates	RF.9176	4	
Plate, stop, forward	RF.9121	1	
Plate, stop, reverse	RF.9122	1	
Quadrant	RF.9113	1	
Stud, 3 BA. forward stop plate	K.120/Z	1	
Stud, 3 BA. reverse stop plate	RF.9172	1	
RING, rubber quadrant cover	RF.9964	6	
ROD, operating, neutral & reverse stop	RF.9260	1	
ROD, operating, gear change	RG.8333	1	

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASSEMBLY NOTES

GROUP G.1.D. CHANGE SPEED MECHANISM (Continued)

ROD, control, gearbox to bellcrank assembly
consisting of:-

Piece, distance

Rod

RG.8326

1

RG.8327

1

RG.8343

1

SCREW, adjusting, gear change tube

RF.6129

1

SCREW, adjusting, operating tube

RF.9455

1

SCREW, set, 2 BA. control rod to bellcrank

KC.160/Z

1

SCREW, set, .250" dia. operating lever

KC.207/Z

1

SCREW, 3 BA. bottom cover, control quadrant

RF.9963

3

SCREW, socket head, strap, control quadrant

RF.6528

2

SPRING, pre-load, ball joint

RE.17032

1

SPRING, selector lever adaptor

RF.9116

1

SPRING, selector lever button

RF.9117

1

STRAP, control quadrant

RF.6523

1

STAY, support, balance to bracket

RG.8328

1

STUD, .250" dia. strap lower

KB.362/Z

2

TUBE, operating, gear change

RF.9807

1

TUBE, operating, gear change

RF.9958

1

WASHER, operating, micro switches

RF.9843

1

WASHER, gear control lever

UG.141

1

WASHER, lock, 3 BA stop plate

KB.7103

2

WASHER, plain, 3 BA, quadrant cover

RF.9970

3

WASHER, heavy, 2 BA, balance beam, pivot

KB.3904/Z

1

WASHER, plain, 2 BA, control rod to bellcrank

RG.8537/Z

1

WASHER, spring, 2 BA, Lever T.V. control

K.9006/Z

1

WASHER, spring, 2 BA, micro switch pivot

K.9006/Z

1

WASHER, spring 2 BA, balance beam pivot

K.9006/Z

1

WASHER, spring, 2 BA, control rod to bellcrank

K.9006/Z

1

WASHER, spring, .250" dia. bracket, dashboard

K.9008/Z

2

WASHER, spring, .250" dia. balance beam pivot

K.9008/Z

2

WASHER, spring, .250" dia. lever operating

K.9008/Z

1

WASHER, spring, .312" dia. balance beam

K.9009/Z

1

WASHER, spring, .312" dia. isolating link

K.9009/Z

1

WASHER, spring, .312" dia. bolt, clamping,

lever operating

K.9009/Z

1

WASHER, plain, 5 BA. operating washer, micro
switch

K.4401/Z

1

WASHER, spring, 5 BA, operating washer, micro
switch

K.9003/Z

1

WASHER, strap lower

K.9008/Z

2

WASHER, gear change linkage

RG.8335

1

WASHER, pivot on dashboard, balance beam

RG.8415

1

NOTE:- x For use when 2" longer steering column is required.