

BENTLEY

"R" TYPE.

SECTION M

FRONT SUSPENSION.

Containing:-

- GROUP 1. ARM, TORQUE.
2. AXLE, STUB.
3. LEVER, LOWER TRIANGLE.
4. PIPES, BIJUR OIL.
5. SPRING, MAIN COILED.
6. STABILISER FRONT.
7. YOKE, UPPER TO LOWER TRIANGLE LEVER.

SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY GROUP ASSEMBLY NOTES

GROUP M1. ARM, TORQUE.

Comprising:-

ARM, torque, assembly, consisting of:-

1 RF.6911 A 2

Arm, torque.

RF.6911 1

Stud, .500" dia. triangle lever.

RF.9363 2

BOLT, 3 BA. oil pipe clip.

X.8 K.3603/Z 2

BOLT, 2 BA. oil pipe clip.

X.9 K.103/Z 2

BOLT, .250" dia. 3-way connection.

X.10 K.210/Z 2

BOLT, .375" dia. bracket to frame.

X.12 K.409/Z 8

BRACKET, assembly, L.H. with 3 off

Stud KB.807/Z.

2 RF.7953 A 1

BRACKET, assembly, R.H. with 3 off

Stud KB.807/Z

RF.7954 A 1

BRACKET, stabilisers connecting link.

3 FB.3998 2

BUFFER, bump assembly, consisting of:-

4 RF.6632 A 2

+ Bump, buffer.

RF.6632 1

+ Plate.

RF.6631 1

+ Screw.

RF.6630 3

BUSH, rubber spherical.

5 FB.3650 2

CAP, bracket, torque arm bearing.

6 RF.8105 2

CLIP, oil pipe centre.

7 F.78487 2

CLIP, oil pipe, rear.

8 GW.1842 2

HOUSING, Buffer.

9 RF.6633 2

NUT, full, .312" dia. bracket to cap.

X.21 K.4009/Z 6

NUT, full, .375" dia. bracket to frame.

X.21 K.4010/Z 8

NUT, full, .500" dia. triangle lever.

X.21 K.4012/Z 4

NUT, half, 3 BA. centre pipe clip.

X.24 K.4304/Z 2

NUT, half, 2 BA. rear pipe clip.

X.24 K.4307/Z 2

NUT, half, .250" dia. 3-way connection.

X.24 K.4310/Z 2

NUT, half, .250" dia. buffer screw.

X.24 K.4310/Z 6

PACKING, arm to bracket 18 S.W.G. thick.

RF.5720

PACKING, arm to bracket 21 S.W.G. thick.

RF.5721

PACKING, bracket to frame.

10 FB.4862 2

PLATFORM, buffer stop, L.H.

11 RF.6639 1

PLATFORM, buffer stop, R.H.

RF.6640 1

SCREW, set, thrust stay.

KC.429 2

WASHER, spring, 3 BA. centre pipe clip.

X.87 K.9005/Z 2

WASHER, spring, 2 BA. rear pipe clip.

X.87 K.9006/Z 2

WASHER, spring, .250" dia. 3-way connection.

X.87 K.9008/Z 2

WASHER, spring, .250" dia. buffer screw.

X.87 K.9008/Z 6

WASHER, spring, .312" dia. bracket to cap.

X.87 K.9009/Z 6

WASHER, spring, .375" dia. bracket to frame.

X.87 K.9010/Z 8

WASHER, spring, .500" dia. triangle lever
and thrust stay bolts.

X.87 K.9012/Z 8

M1.6.55.

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SCHEDULE OF SPARE PARTS

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

GROUP M1. ARM, TORQUE. (Contd.)

WEDGE, arm to triangle lever (1°).
 WEDGE, arm to triangle lever ($\frac{1}{2}^{\circ}$).
 WEDGE, arm to triangle lever ($1\frac{1}{2}^{\circ}$).

12 RF.8069 4 *
 RF.8068
 RF.8070

NOTE: * This is normally the Wedge fitted.

GROUP M2. AXLE, STUB.

Comprising:-

AXLE, stub, L.H. assembly, consisting of:-

1 RE.10545 A 1
 RE.10545 1
 KB.650/Z 3
 KB.753/Z 4
 KB.3833/Z 4

Axle, stub.

Stud, 2 BA. top cover.

Stud, .250" dia. bottom flange.

Stud, .312" dia. carrier plate.

AXLE, stub, R.H. assembly, as for L.H., except axle.

RE.10544 A 1

BAND, sealing outer bearing retaining nut.

2 RF.5439 2

BEARING, pivot, lower.

3 GW.1979 2 A

BEARING, pivot, lower.

RF.8366 2 A

BEARING, pivot, lower.

RG.7105 2 A

BEARING, pivot, upper.

4 RF.5438 2 A

BEARING, pivot, upper.

RF.8364 2 A

BOLT, .312" dia. axle to carrier plate.

X.1 KB.8456/Z 8

COVER, pivot, upper bearing.

5 RF.5375 2

FLANGE, lower pivot pin, assembly.

6 RF.7008 2

NUT, castellated, outer bearing, L.H.

7 RE.10547 1

NUT, castellated, outer bearing, R.H.

RE.10546 1

NUT, half, 2 BA. top cover.

X.24 K.4307/Z 6

NUT, half, upper bearing.

X.24 K.4328/Z 2

NUT, half, .250" dia. bottom flange.

X.24 K.4310/Z 8

NUT, half, .312" dia. carrier plate.

X.24 K.4313/Z 16

PIN, split, .187" dia. outer bearing.

X.31 K.4627/Z 2

PIVOT, axle assembly, consisting of:-

8 RF.5373 A 2

Bush, taper.

G.100371 1

Pin, pivot.

RF.5373 1

Plug, oil restricting.

GW.1816 1

Rollers, needle.

RF.6757 34 A

Rollers, needle.

RF.7364 34 A

M2.6.55.

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SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASSLY NOTES

GROUP M2. AXLE, STUB. (Contd.)

RETAINER, felt washer.	9	GW.1960	2	
WASHER, axle pivot, .123" thick.		RF.8371	2	B
WASHER, axle pivot, .125" thick.	10	RF.8370	2	B
WASHER, distance, axle pivot.	11	RF.5377	2	
WASHER, felt.	12	GB.2329	2	
WASHER, plain, pivot pin.	13	RF.8809	2	
WASHER, sealing, pivot pin.	14	RF.5378	2	
WASHER, spring, 2 BA. top cover.	X.87	K.9006/Z	6	
WASHER, spring, .250" dia. bottom flange.	X.87	K.9008/Z	8	
WASHER, spring, .3125" dia. axle to carrier plate.	X.87	K.9009/Z	16	
WASHER, tab, pivot pin nut.	15	RF.5376	2	
WASHER, thrust, pivot.	16	GW. 399	2	

GROUP M3. LEVER, LOWER TRIANGLE.

Comprising:-

BOLT, long.	1	GW.1594	2	
COVER, coiled pipe.	2	G.83638	2	
HOUSING, rollers.	3	GW. 800	4	
LEVER, lower triangle, L.H. assembly, consisting of:-	4	RG. 901 A	1	
Bush, Silentbloc.		RF.6412	1	
+Lever, Triangle.		RG. 901	1	
LEVER, lower triangle, R.H. assembly, as for L.H. except lever.		RG. 900 A	1	
NUT, castellated, .312" dia.	X.20	K.4209/Z	2	
NUT, half, .250" dia. coil pipe cover.	X.24	K.4310/Z	2	
PACKING, felt.	5	GW. 440	4	
PIECE, distance, with 1 off bush, G.83713 (not supplied separately).	6	G.83639	2	
PIECE, distance, long.	7	GW. 807	2	
PIN, bearing.	8	FB.3072	2	
PIN, split, .062" dia.	X.31	K.4602/Z	2	
ROLLERS, needle 2.5 m/m dia. x 15.8 m/m long (27 in each housing).	9	RF.6846	108	
SCREW, set, thrust stay.		KC.429/Z	2	
STAY, thrust, lower triangle lever to torque lever.	10	FB.4459	2	
STAY, thrust, extra duty type.		RF.6413		
WASHER, adjusting roller housing.	11		4	
.085" thick - FB.4843		.100" thick - FB.4846		
.090" thick - FB.4844		.105" thick - GW. 801		
.095" thick - FB.4845.				

M3.6.55.

SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSEMBLY

NOTES

GROUP M3. LEVER, LOWER TRIANGLE. (Contd.)

WASHER, aluminium, .312" dia. bearing bolt.

X.81 KB.1077

4

WASHER, plain, roller retaining.

12

-

4

.085" thick - RF.10042

.095" thick - RF.10044

.090" thick - RF.10043

.100" thick - GW.805

WASHER, plain, .250" dia. coil pipe cover.

X.85 K.4407/Z

2

WASHER, spring, .250" dia. coil pipe cover

X.87 K.9008/Z

2

WASHER, spring, .500" dia. thrust stay

X.87 K.9012/Z

4

GROUP M4. PIPES, BIJUR OIL

Comprising:-

BUSH, threaded.

4 RF.6780

6

ELBOW, lower, bearing

1 330/3089

2

ELBOW, yoke

2 RF.6775

2

JUNCTION, 3-way, oil pipes.

3 RF.6781

2

NUT, half, .375" dia. adaptor to frame

X.24 K.4316/Z

2

NUT, oil pipe

5 RF.6786

6

PIPE, arm to lever L.H.

6 RF.8251

1

PIPE, arm to lever, R.H.

RF.8250

1

PIPE, coiled, yoke lower, bearing, L.H.

7 RF.8253

1

PIPE, coiled, yoke lower bearing, R.H.

RF.8252

1

PIPE, torque arm to frame, L.H. assembly,
consisting of:-

8 FB.4819 A 1

+ Adaptor

FB.5033

1

+ Ferrule

F.82497

1

+ Pipe, arm to bracket

FB.5035

1

+ Pipe, torque arm.

FB.4819

1

PIPE, torque arm to frame, R.H. assembly,
as L.H. except

FB.4818 A 1

+ Pipe, arm to bracket

FB.5034

1

+ Pipe, torque arm

FB.4818

1

SLEEVE, compression

9 RF.6783

12

SLEEVE, joint

10 RF.6777

2

WASHER, spring, .375" dia. coiled pipe adaptor

X.87 K.9010/Z

2

SCHEDULE OF SPARE PARTS

REF. NO. PART NO. QUANTITY
GROUP ASSY NOTES

GROUP M5. SPRING, MAIN COILED.

Comprising:-

BUFFER, assembly, consisting of:-

Carrier, buffer.
Plate.

SEATING, spring, upper and lower.

SPRING, main coiled.

SPRING, main, coiled.

WASHER, adjusting, spring seating.

1	RF.8067	4
	FW.1913	1
	FW.1916	1

2	RF.3469	4
3	RF.7192	2
	RF.7166	2
4	RF.6000	-

*
B

* NOTE:- These springs are used on chassis classed as 'Colonial'.

GROUP M6. STABILISER, FRONT.

Comprising:-

BAR, stabiliser.

BOLT, frame bracket.

BRACKET, frame.

BUSH, rubber, front bracket.

NUT, half, .312" dia. frame bracket.

NUT, half, .312" dia. link stud.

PAD, rubber, link.

PIECE, distance.

PLATE, frame bracket.

STUD, link assembly with 1 off Nut K.4313.

WASHER, plain, rubber pads.

WASHER, spring, .312" dia. frame bracket.

1	FB.4744	1
X.11	K. 304	4
2	FW.1505	2
3	FW.1502	2
X.24	K.4313	4
X.24	K.4313	4
4	FW.1503	8
5	FB.4493	2
6	FB.3994	2
7	FB.4743 A	2
8	GW.1694	8
X.87	K. 9009	4

GROUP M7. YOKE, UPPER TO LOWER TRIANGLE LEVER.

Comprising:-

BOLT, .312" dia. split boss.

BOLT, .625" dia. upper bearing.

CLIP, oil pipe.

NUT, castellated, .625" dia. upper bearing.

NUT, full, .312" dia. split boss.

PIN, split, .125" dia. upper bearing.

SCREW, locating.

SCREW, 3 BA. oil pipe clip.

X.11	K.312/Z	4
1	FB.3073	2
2	F.78487	2
X.20	KB.3601/Z	2
X.21	K.4009/Z	4
X.31	K.4614/Z	2
3	FB.4267	2
X.45	K.1801/Z	2

M5.6.55.

SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASS'LY

NOTES

GROUP M7. YOKE, UPPER TO LOWER TRIANGLE LEVER. (Contd.)

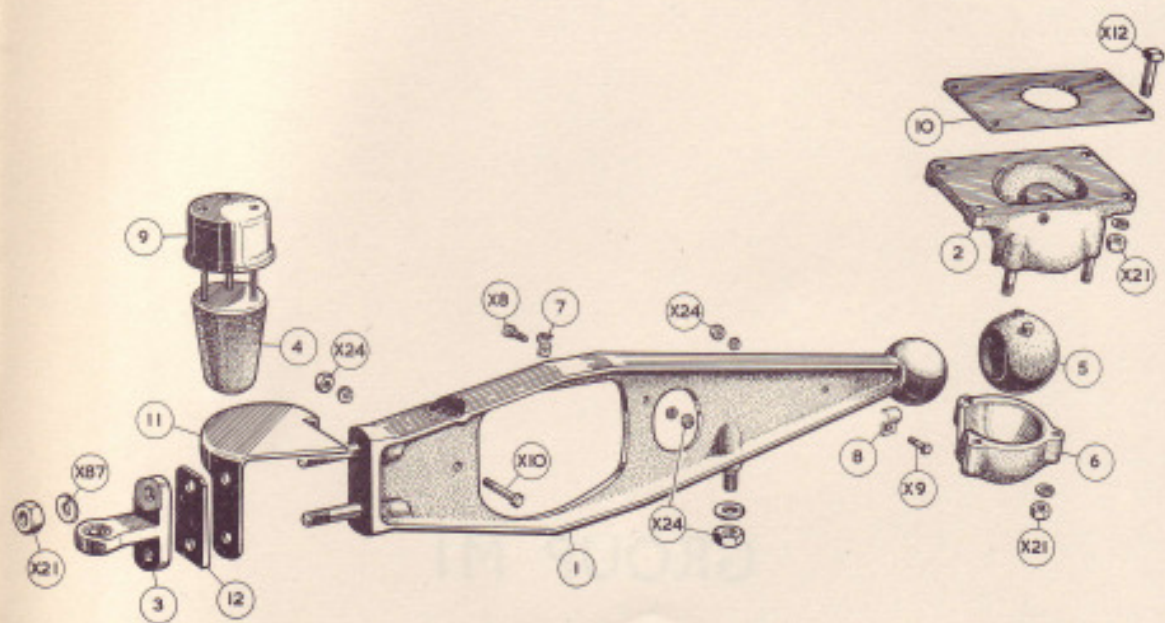
WASHER, spring, 3 BA. oil pipe clip.	X.87	K.9005/Z	2	
WASHER, spring, 2 BA. locating screw.	X.87	K.9006/Z	2	
WASHER, spring, .312" dia. split boss.	X.87	K.9009/Z	4	
YOKE, L.H. assembly, consisting of:-	4	RF.4895A	1	
Bush, Silentbloc.		FB.3143	1	
+ Yoke.		RF.4895	1	
YOKE, R.H. assembly, as for L.H., except:-		RF.4894A	1	
+ Yoke.		RF.4894	1	

SECTION M.

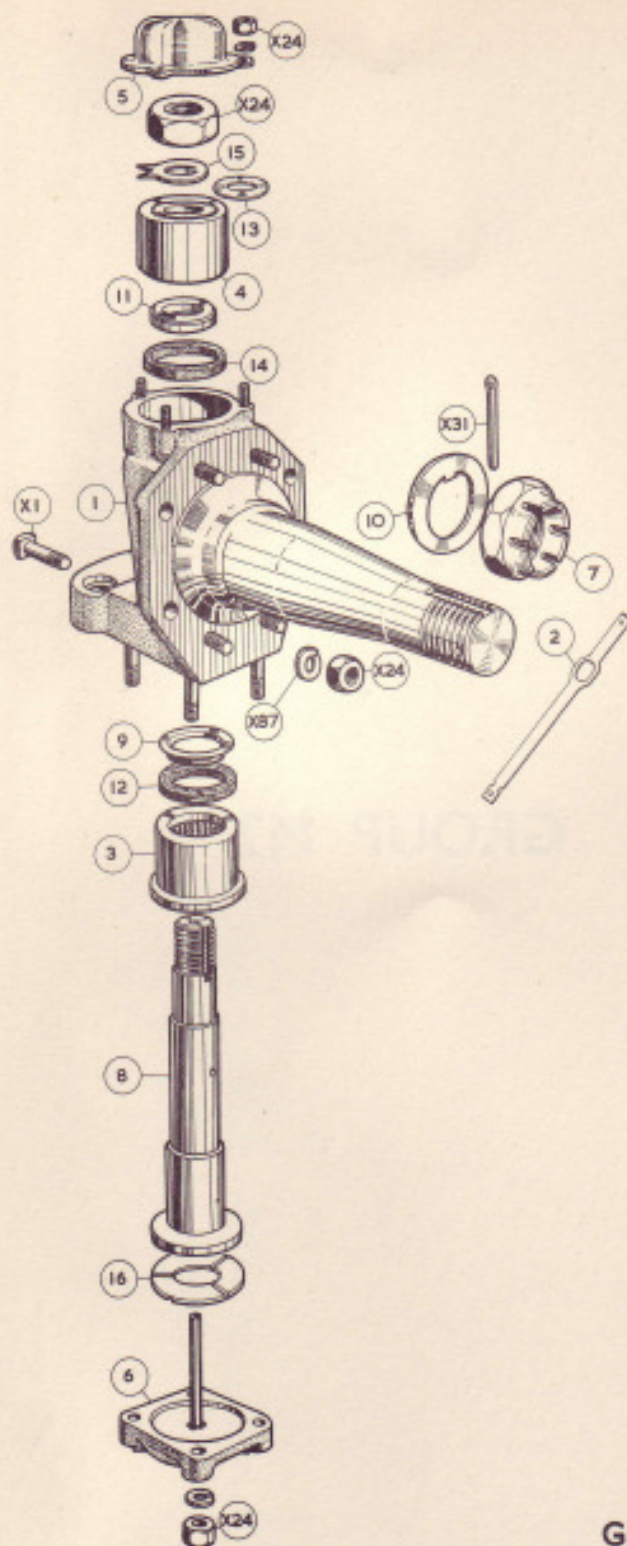
Bentley Continental 'R' Type
As bentley 'R' except

GROUP M.5

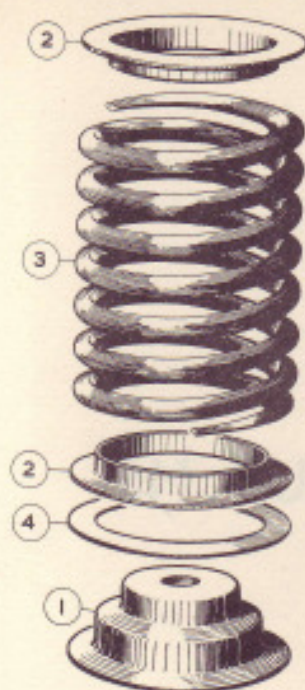
	<u>Continental Qty</u>	<u>Standard Qty</u>
SPRING, main coiled	RF.9902 1	RF.7192 1



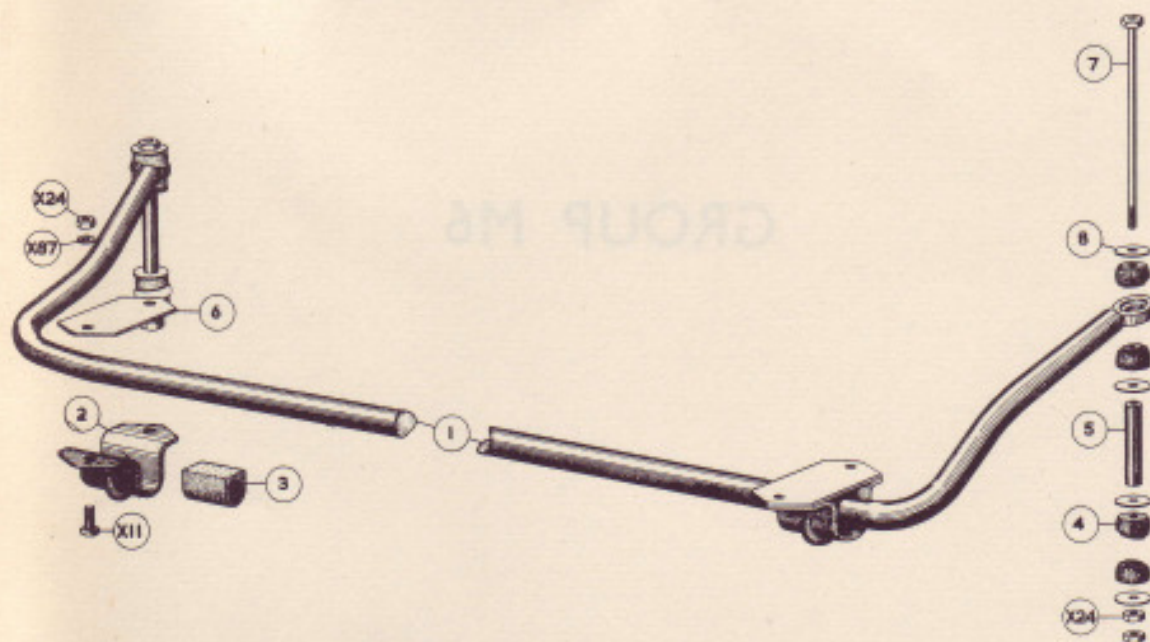
GROUP M I



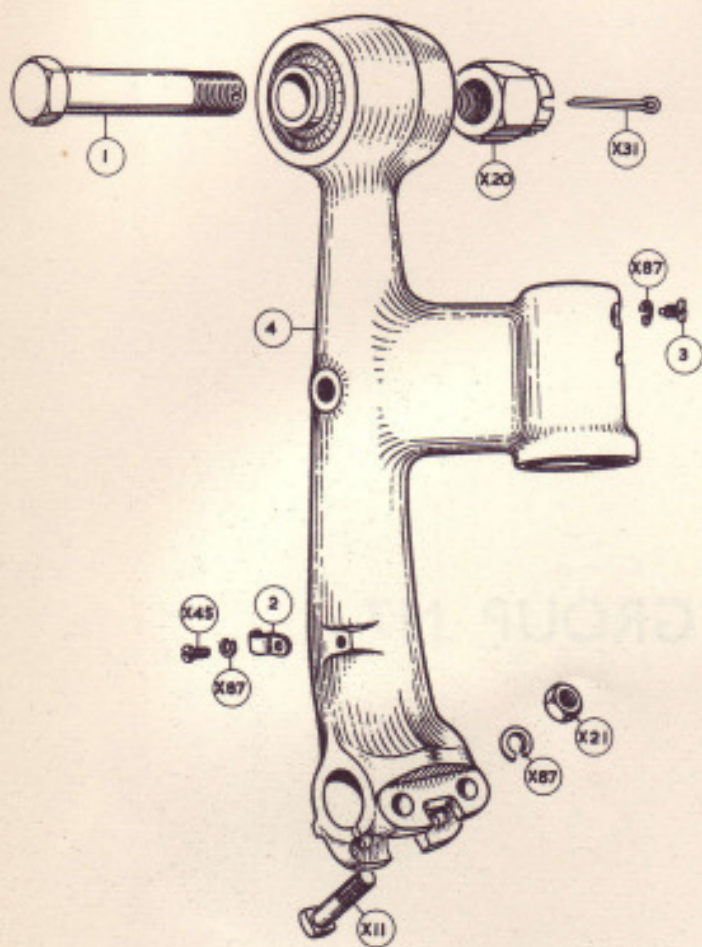
GROUP M2



GROUP M5



GROUP M6



GROUP M7