

BENTLEY

'R' TYPE

SECTION D.

LUBRICATION.

Containing:-

GROUP 1.	Chassis Lubrication System.
" 2.	Dashboard Pump.
" 3.	Oil Filter.
" 4.	Oil Pipes, Engine.

Key to Chassis Nos.

Used on	R & S Series	
Used on B - TO	All Chassis	= F.
Used on B - TN	2 onwards	= G.
Used on	R.S.T. Series.	
Used on B - UL	1 - 49, 61 - 125, 129 - 149, 153 - 161, 169.	
Used on Continental	A & B Series	
Used on Continental B.C-C.	39	= H.
Used on B - UL.	51 - 59, 127, 151, 163 - 167, 171 and onwards.	
Used on Continental EC - C	40.L. and onwards	= J.

SCHEDULE OF SPARE PARTS

REF NO. PART NO. QUANTITY
GROUP ASSY

NOTES

GROUP D.1.

CHASSIS LUBRICATION SYSTEM (LUVAX BLJUR)

Comprising:-

BOLT, 3 BA, pipe clip to frame retaining	X 8	K.3602/Z	15	
BOLT, 3 BA, pipe clip to frame	X 8	K.3603/Z	7	
BOLT, 3 BA, pipe clip to torque arm, front		K.3603/Z	2	
BOLT, 3 BA, pipe clip to torque arm, rear	X 9	K.103/Z	2	
BOLT, .250" dia., junction, flat mounted retaining RC	X 10	K.209/Z	3	
BOLT, .250" dia., junction, flat mounted retaining LC		K.209/Z	2	
BOLT, .250" dia., junction, foot mounted retaining	X 10	K.205/Z	1	
BUSH, threaded (RC)		RF.6780	23	
BUSH, threaded (LC)		RF.6780	26	
CLIP, oil pipe to dashboard		RF.3291	6	
CLIP, oil pipe to frame		F.78487	20	
CLIP, oil pipe, pendulum lever		RF.3272	1	
CLIP, oil pipe to 2nd cross member (RC)		RF.5245	2	
CLIP, oil pipe to gearbox (LC)		RF.6926	1	
CLIP, oil pipe to torque arm, front		F.78487	2	
CLIP, oil pipe to torque arm, rear		GW.1842	2	
CLIP, oil pipe to yoke		F.78487	2	
CLIP, pendulum lever, coiled pipe to box cover		FW.1339	1	
CONNECTION 'Tee' head, centre steering bracket		RF.7821	1	
ELBOW, centre steering bracket		RF.6775	1	
ELBOW, clutch, upper position (Z.E.00)		RF.7119	1	
ELBOW, valve, clutch, lower position (RC)		RE.10672	1	
ELBOW, yoke, lower bearing (Z.E.1)		Z.8000/101	2	
ELBOW, yoke, upper position		RF.6775	2	
JUNCTION, 3-way, flat mounted		RF.6781	2	
JUNCTION, 3-way, foot mounted		RF.6788	1	
JUNCTION, 4-way, flat mounted		RF.6782	1	
JUNCTION, 3-way, flat mounted, 2nd. 'X' member		RF.6787	2	
NUT, half, 3 BA, pipe clip bolts	X 24	K.4304/Z	22	
NUT, half, .250" dia., junction retaining bolt	X 24	K.4310/Z	4	
NUT, threaded, elbows and connections		RF.6786	7	
NUT, threaded, trunnion oil supply		RE.11236	2	
PIPE, 3-way, junction to yoke & axle pivots		RF.6726	1	
PIPE, axle pivots & yokes RH (RC)		RF.5049	1	
PIPE, between pad mounted on second crossmember		RF.8210	1	
PIPE, centre steering levers (see Group N.5.)				
PIPE, clutch trunnion boss (RC)		RF.5051	1	
PIPE, clutch casing elbow to straight meter valve (RC)		RG.7101	1	
PIPE, clutch trunnion elbow to straight meter valve		RG.7100	1	
PIPE, assy. clutch trunnion (LC) consisting of:		RF.8314	1	
Pipe, tee piece to 3-way junction		RF.8098	1	

SCHEDULE OF SPARE PARTS

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

GROUP D.1. CHASSIS LUBRICATION SYSTEM (LUVAX BLJUR) (Cont'd).

PIPE, assy. clutch trunnion (LC) consisting of: (Cont'd)

Pipe, tee piece to straight meter valve		RF.8309	1	
Pipe, tee piece to trunnion		RF.8099	1	
Tee piece		G.77035	1	
PIPE, clutch trunnion oil supply internal (see Group F.1.)		GB.3238	1	
PIPE, coiled, yoke, lower bearing, L.H.		RF.8253	1	
PIPE, coiled, yoke, lower bearing, R.H.		RF.8252	1	
PIPE, cross steering pivot.		RF.7828	1	
PIPE, Flexible, Frame to Rear spring shackle		RF.9228	2	
PIPE, front anchor bracket, L.H.		RF.9466	1	
PIPE, front anchor bracket R.H.		RF.9464	1	
PIPE, junction back of dash to 3-way junction		RF.8299	1	
PIPE, junction on L.H. cruciform member to LH front gusset		RF.5055	1	
PIPE, junction on L.H. cruciform member to junction on second cross member.		RF.5057	1	
PIPE, junction on second cross member to rear shackle L.H.		RF.9064	1	
PIPE, junction on second cross member to shackle R.H.		RF.9065	1	
PIPE, pendulum lever assy. (see Group N.3.) (RC)		RF.8236	1	
PIPE, pendulum lever assy. (see Group N.3.) (LC)		RF.8333	1	
PIPE, pump to junction back of dash LH (RC)		RF.6671	1	
PIPE, pump to junction back of dash RH (RC)		RF.7140	1	
PIPE, pump to junction back of dash LH (LC)		RF.8092	1	
PIPE, pump to junction back of dash RH (LC)		RF.7030	1	
PIPE, stub axle lever (see Group N.4. under item lever)				
PIPE, torque arm to frame assy. (LH) (See Group M.4.)		FB.4819A	1	
PIPE, torque arm to frame assy. (RH) (See Group M.4.)		FB.4818A	1	
PIPE, torque arm to triangle lever LH		RF.8251	1	
PIPE, torque arm to triangle lever RH.		RF.8250	1	
SCREW, 5 BA, oil pipe to dashboard clip retaining	X 45	K.1704/z	6	
SCREW, 3 BA, oil pipe to yoke retaining	X 44	K.1801/z	2	
SCREW, .375" dia. junction pad, mounted retaining	X 57	KC.321/z	2	
SLEEVE, compression (RC)		RF.6783	30	
SLEEVE, compression (LC)		RF.6783	33	
VALVE, meter, pendulum lever (Z.S.1.)		RE.10673	1	
VALVE, meter, rear spring, front anchor bracket (ZS.4)		RF.8308	2	
VALVE, meter, clutch, trunnion cross shaft oil supply (LC) (ZS.2.)		RF.6779	1	
VALVE, meter, clutch trunnion cross shaft oil supply (RC) (ZS.2.)		RE.10670	1	
VALVE, meter, straight, (YD.500) clutch trunnion oil supply		RE.11235	1	
WASHER, spring, 5 BA dashboard clip screw	X 87	K.9003/z	6	

SCHEDULE OF SPARE PARTS

REF NO. PART NO. QUANTITY GROUP ASSY LY NOTES

GROUP D.1. CHASSIS LUBRICATION SYSTEM (LUVAX BIJUR) (Cont'd)

WASHER, spring, 3 BA, pipe clip bolt	X 87	K.9005/Z	22	
WASHER, spring, 2 BA, pipe clip bolt	X 87	K.9006/Z	2	
WASHER, spring .250" dia. junction retaining bolt	X 87	K.9008/Z	4	
WASHER, spring .375" dia. pad mounted junction, retaining bolt	X 87	K.9010/Z	2	
WASHER, plain, 3-way junction	X 85	K.4407/Z	1	

GROUP D.2. DASHBOARD PUMP

Comprising:-

BOLT, pump to dashboard, lower retaining (normally fixed in and supplied with pump)	1		1	
BOLT, .312" dia., pump to dashboard	X 11	K.304/N	2	
CONNECTION, 2-way from pump	2	FB.273	1	
CUP, pipe retaining pump connection	3	RF.6777	2	
JOINT	4	RF.3274	1	
NUT, full, lower pump to dashboard retaining bolt	5		1	
NUT, full .312" dia. upper pump to dashboard retaining bolt	X 21	K.4009/N	2	
NUT, threaded, pump connection	6	RF.6786	2	
PUMP, dashboard, Luvax Bijur	7	FB.4784	1	
SEAL, rubber, dashboard orifice for lever	8	RF.3536	1	
SLEEVE, compression pump connection	9	RF.6783	2	
WASHER, frame, .312" dia. upper & lower pump retaining bolt	X 84	KB.3906/N	3	
WASHER, plain, .312" dia. upper & lower pump retaining bolt	X 85	K.4410/N	3	
WASHER, spring, .312" dia. upper & lower pump retaining bolt	X 87	K.9009/N	3	

GROUP D.3. OIL FILTER.

Comprising:-

FULL FLOW FILTER (centre bolt type) consisting of:-		RE.13818	1	
Case, assy.	1	B.42990	1	*
Head	2	C.42595	1	*

SCHEDULE OF SPARE PARTS

REF. NO. PART NO.

QUANTITY
GROUP ASSY

NOTES

GROUP D.3. OIL FILTER (Cont'd)

INSERT, assembly, consisting of:

	3	C.42577	1	X
Cap, bottom		B.42619	1	X
Cap, top		C.42618	1	X
Case, perforated		RF.15874	1	
Element		B.42707	1	X
Nut, knurled		A.43052	1	X
Nut, locking		A.42578	1	X
Pad, felt		RE.15062	2	
Seal		A.27293	1	X
Tube, centre		A.42579	1	X
Washer, knurled nut		A.9477	1	X
NUT, spherical	4	A.42994	1	X
NUT, hexagon, 2 BA	5		1	
PLUG, drain	6	A.43766	1	X
STUD, 2 BA	7		1	
SEAL	8	RE.16060	1	
SPRING	9	C.24838/CM	1	X
UNION, filter	10	RE.6424	2	
WASHER, spring (2 BA stud)	11		1	
WASHER, locking		KC.484	1	
WASHER, sealing	14	AGS.568/B	2	
WASHER, union	13	AGS.568/F	2	
PLATE, mounting full flow filter	14	RE.15087	1	

NOTE:- X - indicates Vokes part number.

GROUP D.4. OIL PIPES - ENGINE

Comprising:-

BOLT, .250" dia. junction to dash	X 10	K.203/Z	1	
BUSH, threaded, lower junction or dashboard	1	RF.6780	1	
CLIP, oil pipe to dashboard	2	RF.3291	3	
CLIP, oil pipe, instrument compartment	3	RF.3290	1	F
JUNCTION, dashboard to flexible pipe	5	RD.3506	1	
NUT, dashboard pipe to top connection	6	E.75982	1	
NUT, half, 5 BA oil pipe clip instrument compartment	X 24	K.4301/Z	1	F
NUT, .250" dia. junction to dash	X 24	K.4310/C	1	
PIPE, dashboard assy. with nipple	7	RD.5429	1	
PIPE, dashboard to pressure gauge	8	RD.5499	1	F
PIPE, dashboard to pressure gauge		RD.7333	1	G
PIPE, flexible, engine to dashboard (when connection is taken from rear of engine)		RE.14793	1	H
PIPE, flexible, engine to dashboard (when connection is taken from adaptor)	14	RE.4812	1	J

GROUP D.4. OIL PIPES - ENGINE (Cont'd).

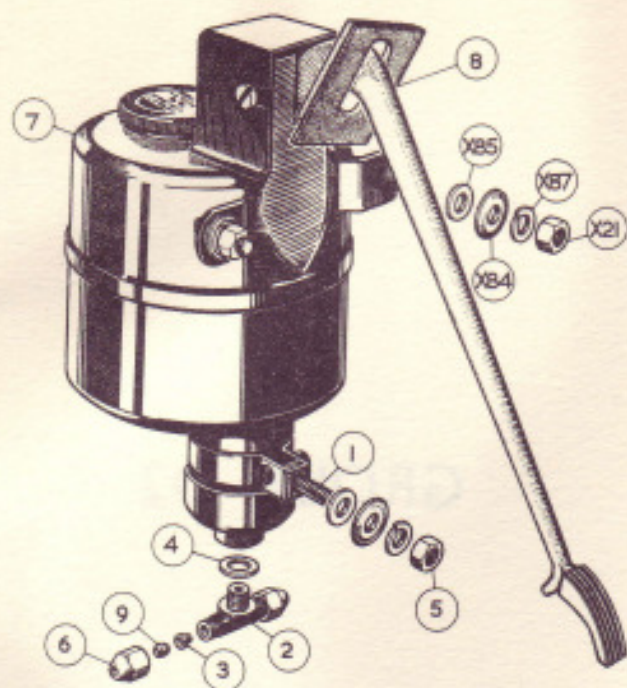
PIPE, inlet, oil filter assy.	15	RE.15088	1	
PIPE, outlet, oil filter assy.	16	RE.15090	1	
PIPE, relief valve to crankcase & wheelcase assy. with banjo connection, nipple & nut.	17	RE.4039	1	
SCREW, cheesehead, 5 BA, clip to dashboard retaining	X 44	K.1704/Z	3	
SCREW, cheesehead, 5 BA, clip, instrument compartment	X 44	K.1701/Z	1	F
SLEEVE, lower junction on dashboard	20	RF.6783	1	
UNION, flexible pipe to dashboard	21	RD.3487	1	
WASHER, aluminium, flexible pipe union	X 83	KB.1078	1	
WASHER, spring, 5 BA dashboard clip screw	X 87	K.9003/Z	3	
WASHER, spring, 5 BA, clip oil pipe instrument compartment	X 87	K.9003/Z	1	F
WASHER, spring, .250" dia. junction to dashboard	X 87	K.9008/Z	1	

SECTION D

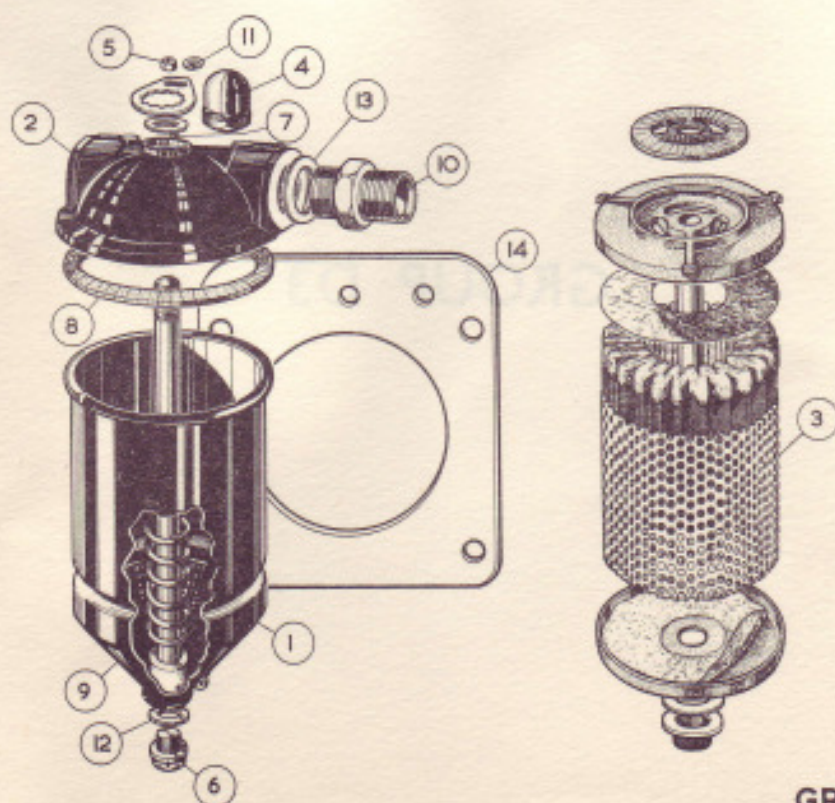
Bentley Continental 'R' as for Bentley 'R' except,

<u>GROUP D.4</u>	<u>Continental</u>	<u>Qty</u>	<u>Standard</u>	<u>Qty</u>
PIPE, dashboard to pressure gauge	RD.5499	1	RD.7333	1

CB/1/11/55



GROUP D2



GROUP D3

