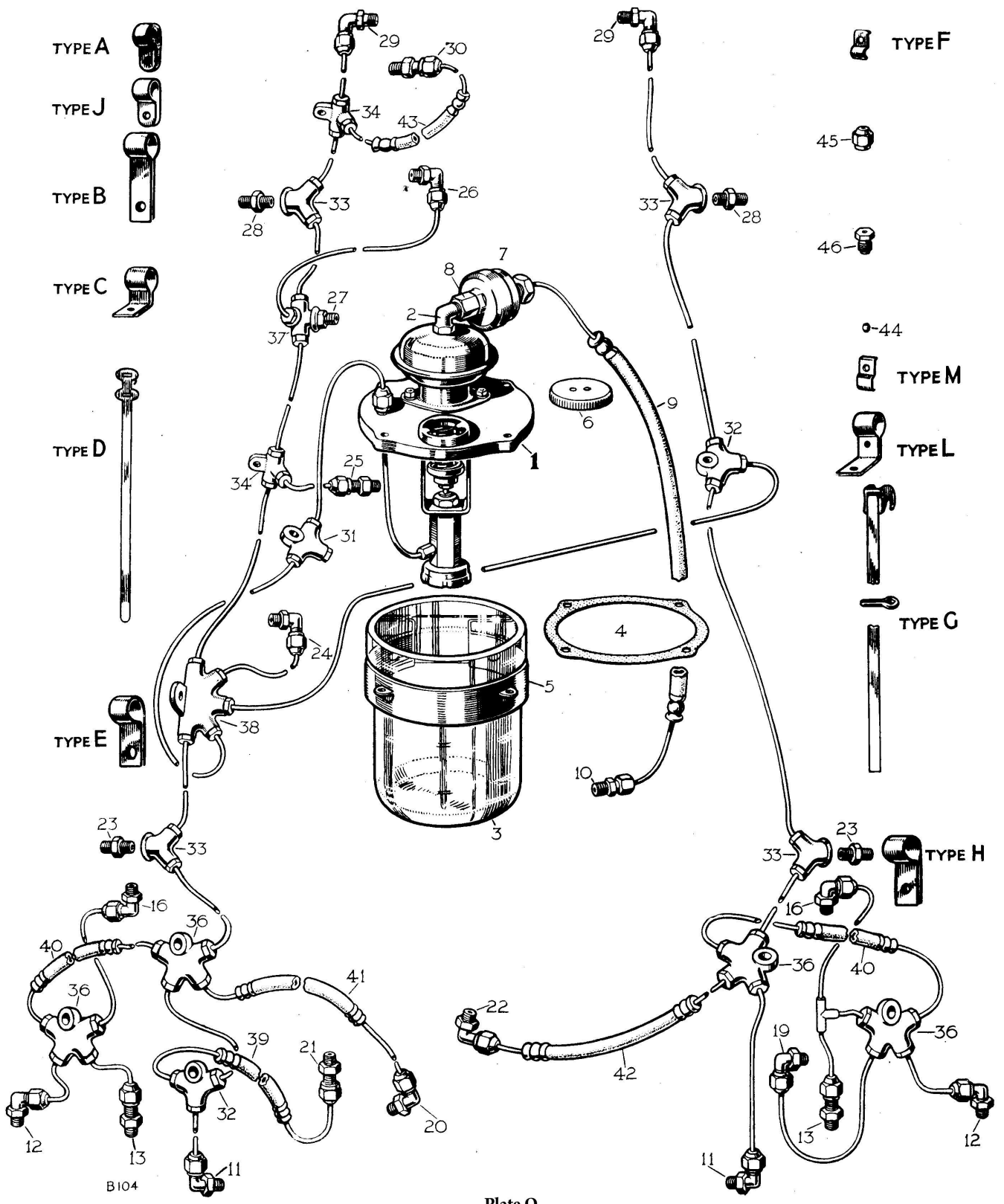


Rover 10 and 12 h.p (1947)
Luvax Bijur selflubricating system components schematic



TYPE A

TYPE J

TYPE B

TYPE C

TYPE D

TYPE E

TYPE F

TYPE M

TYPE L

TYPE G

TYPE H

B104

Plate Q

CHASSIS LUBRICATION

Plate		PART NUMBER AND MODEL					REMARKS
No.	DESCRIPTION	Qty.	1939	1940	1946	1947	
	SUPPLY TANK ASSEMBLY	1	50358	50358	50358	50358	10 and 12 h.p.
	SUPPLY TANK ASSEMBLY	1	41373	41373	41373	41373	14, 16 and 20 h.p.
Q1	DIAPHRAGM COMPLETE ASSEMBLY	1	50611	50611	50611	50611	10 and 12 h.p.
Q1	DIAPHRAGM COMPLETE ASSEMBLY	1	40430	40430	40430	40430	14, 16 and 20 h.p.
	DIAPHRAGM AND PISTON ASSEMBLY	1	50612	50612	50612	50612	10 and 12 h.p.
	DIAPHRAGM AND PISTON ASSEMBLY	1	42906	42906	42906	42906	14, 16 and 20 h.p.
Q2	Vacuum regulator (Rate 2)	1	42965	42965	42965	42965	10 and 12 h.p.
Q2	Vacuum regulator (Rate 1½)	1	43192	43192	43192	43192	14, 16 and 20 h.p.
	Cover plate and cylinder complete	1	42907	42907	42907	42907	
Q3	Glass oil container	1	40432	40432	40432	40432	
Q4	Joint washer for container (gasket seal)	1	40431	40431	40431	40431	
Q5	Mounting bracket for supply tank	1	40433	40433	40433	40433	
Q6	Filler cap for supply tank	1	40434	40434	40434	40434	
	Bolt (5/16" x 15/16" long)	2	2900	2900	2900	2900	
	Plain washer	2	2550	2550	2550	2550	
	Spring washer	2	3075	3075	3075	3075	
	Nut (5/16")	2	2828	2828	2828	2828	
Q7	Filter for vacuum regulator	1	-	-	50236	50236	
	Bracket on supply tank for filter	1	-	-	50620	50620	
Q8	Connection nut for filter	1	-	-	50426	50426	
Q9	Flexi pipe suction hose - Reservoir to inlet manifold	1	41420	41420	50523	50523	
	Clip for filter (50237)	1	-	-	50237	-	
	Clip (Type "A") for hose on shroud	1	41376	41376	-	-	
	Drive screw fixing clip to shroud	1	72626	72626	-	-	
	Screw (2 B.A. x ½" long)	1	-	-	71164	-	Fitted on 1946 models
	Plain washer	1	-	-	2678	-	up to cars numbered
	Nut (2 B.A.)	1	-	-	2247	-	6110653, 6210811, 6230017,
	Compression sleeve for filter pipe	2	-	-	3140	-	6310291, 6330017, 6410194
	Threaded nut for filter pipe	2	-	-	41413	-	and 6430008
	Clip (Type "B") for suction hose on inlet manifold 41408	1	41408	41408	41408	-	
	Bolt (5/16" x 11/16" long)	1	215161	215161	215161	-	
	Spring washer	1	3075	3075	3075	-	
	Nut (5/16")	1	2828	2828	2828	-	
	Compression sleeve	1	3140	3140	3140	3140	
	Threaded nut	1	41413	41413	41413	41413	
Q10	Union	1	3146	3146	3146	3146	
	Compression sleeve	1	3140	3140	3140	3140	
	Union nut (1/8" gas)	1	3141	3141	3141	3141	
Q11	Meter Valve (Meter valve (front dumb iron)	2	41385	41385	41385	41385	
	Meter valve (swivel pin)	2	41401	41401	41587	-	
Q12	Meter valve (swivel pin top bush)	2	-	-	-	41385	14 and 16 h.p.
Q13	Meter valve (swivel pin bottom bush)	2	-	-	-	41587	10 and 12 h.p.
Q14	Meter valve (swivel pin bottom bush L.H.)	1	-	-	-	41402	14 and 16 h.p.
Q15	Meter valve (swivel pin bottom bush R.H.)	1	-	-	-	41389	14 and 16 h.p.
Q16	Meter valve (track rod ball joint)	2	-	-	-	41385	10 and 12 h.p.
Q17	Meter valve (track rod ball joint L.H.)	1	-	-	-	41909	14 and 16 h.p.
Q18	Meter valve (track rod ball joint R.H.)	1	-	-	-	41385	14 and 16 h.p.
Q19	Meter valve (drag link ball joint)	1	-	-	-	41385	10 and 12 h.p.
Q19	Meter valve (drag link ball joint)	1	-	-	-	41909	14 and 16 h.p.
	Meter valve (steering box)		41385	41385	41385	-	10 and 12 h.p.
	Meter valve (steering box)		41909	41909	41909	-	14, 16 and 20 h.p.
Q20	Meter valve (steering drop arm)					41385	
Q21	Meter valve (front brake balance lever)		41521	41521	41521	41490	10 h.p.
Q21	Meter valve (front brake balance lever)		41521	41521	41521	41521	Except 10 h.p.
Q22	Meter valve (fan)	1	41705	41705	41705	41705	
Q23	Meter valve (front shackle)	2	41405	41405	41405	41405	
Q24	Meter valve (pedal spindle)	1	41385	41385	41385	41385	
Q25	Meter valve (clutch cable)	1	41909	41909	41909	41909	
Q26	Meter valve (hand brake cross shaft L.H.)	1	41490	41490	41490	41490	
Q27	Meter valve (hand brake cross shaft R.H.)	1	41520	41520	41520	41520	
Q28	Meter valve (front end rear spring)	2	41405	41405	41405	41405	
Q29	Meter valve (rear dumb iron)	2	41389	41389	41389	41389	
Q30	Meter valve (rear brake balance lever)	1	41521	41521	41521	41521	
Q31	Priming junction on shroud	1	42178	42178	42178	42178	
	Elbow junction (drop arm)	1	41406	41406	41406	-	
	Elbow junction (track rod lever)	2	41406	41406	41406	-	14, 16 and 20 h.p.
	Elbow junction (steering lever)	1	41406	41406	41406	-	14, 16 and 20 h.p.
Q32	Junction 3 way (flat single-hole fixing)	2	41377	41377	41377	41377	10 and 12 h.p.
Q32	Junction 3 way (flat single-hole fixing)	2	-	-	-	41377	10 h.p.
Q32	Junction 3 way (flat single-hole fixing)	1	41377	41377	41377	41377	14, 16 and 20 h.p.
Q32	Junction 3 way (flat single-hole fixing)	2	-	-	-	41377	14 and 16 h.p.
Q33	Junction 3 way ("Y" pattern)	2	41387	41387	41387	41387	
Q33	Junction 3 way ("Y" pattern)	2	-	-	-	41387	10 and 12 h.p.
Q34	Junction 3 way (vertical single-hole fixing)	2	41415	41415	41415	41415	
	Junction 3 way (vertical single-hole fixing)	1	41415	41415	41415	-	14, 16 and 20 h.p.
Q35	Junction 3 way (Tee pattern)	2	41382	41382	41382	41382	14, 16 and 20 h.p.
Q36	Junction 4 way (flat single-hole fixing)	2	41384	41384	41384	41384	

Plate		PART NUMBER AND MODEL					REMARKS
No.	DESCRIPTION	Qty.	1939	1940	1946	1947	
Q36	Junction 4 way (flat single-hole fixing)	1	-	-	-	41384	10 h.p.
Q36	Junction 4 way (flat single-hole fixing)	2	-	-	-	41384	12 h.p.
Q37	Junction 4 way (Tee pattern)	1	41522	41522	41522	41522	
Q37	Junction 4 way (Tee pattern)	1	-	-	-	41522	14 and 16 h.p.
Q38	Junction 5 way	1	42177	42177	42177	42177	
	Bolt (1/4" x 1 1/4" long)	4	215059	215059	215059	-	10 and 12 h.p.
	Bolt (1/4" x 1 1/4" long)	7	-	-	-	215059	10 h.p.
	Bolt (1/4" x 1 1/4" long)	6	-	-	-	215059	12 h.p.
	Bolt (1/4" x 1 1/4" long)	3	215059	215059	215059	215059	14, 16 and 20 h.p.
	Bolt (1/4" x 1 1/4" long)	5	-	-	-	215059	14 and 16 h.p.
	Bolt (1/4" x 3/4" long)	3	21504	21504	21504	21504	10 and 12 h.p.
	Bolt (1/4" x 3/4" long)	4	21504	21504	21504	21504	14, 16 and 20 h.p.
	Bolt (3/8" x 9/16" long)	1	-	-	-	10909	
	Bolt (1/4" x 1" long)	1	215056	215056	215056	215056	
	Bolt (5/16" x 15/16" long)	2	2900	2900	2900	2900	
	Bolt (5/16" x 11/16" long)	1	215161	215161	215161	-	
	Screw (3/16" Whit. x 1/2" long)	18	20454	20454	20454	20454	10 and 12 h.p.
	Screw (3/16" Whit. x 1/2" long)	27	20454	20454	20454	-	14, 16 and 20 h.p.
	Screw (3/16" Whit. x 1/2" long)	24	-	-	-	20454	14 and 16 h.p.
	Screw (3/16" Whit. x 3/4" long)	1	-	-	-	20400	10, 14 and 16 h.p.
	Screw (2 B.A. x 1/2" long)	2	71164	71164	71164	71164	10 and 12 h.p.
	Screw (2 B.A. x 1/2" long)	1	71164	71164	71164	71164	14, 16 and 20 h.p.
	Drive screw	2	72626	72626	72626	-	10 and 12 h.p.
	Drive screw	1	-	-	-	72626	10 and 12 h.p.
	Drive screw	1	72626	72626	72626	72626	14, 16 and 20 h.p.
	Plain washer	2	2550	2550	2550	2550	
	Spring washer	20	3073	3073	3073	3073	10 and 12 h.p.
	Spring washer	28	3073	3073	3073	3073	14, 16 and 20 h.p.
	Spring washer	10	3074	3074	3074	3074	
	Spring washer	2	3075	3075	3075	3075	
	Nut (1/4")	10	2823	2823	2823	2823	
	Nut (5/16")	2	2828	2828	2828	2828	
	Square nut (3/16" Whit.)	18	20530	20530	20530	20530	10 and 12 h.p.
	Square nut (3/16" Whit.)	27	20530	20530	20530	-	14, 16 and 20 h.p.
	Square nut (3/16" Whit.)	24	-	-	-	20530	14 and 16 h.p.
	Jump hose to front axle	1	42550	42550	42550	-	10 and 12 h.p.
	Jump hose to front axle	1	41396	41396	41396	-	14, 16 and 20 h.p.
	Clip (Type "H") hose to axle	1	41526	41526	41526	-	
	Clip (Type "C") hose to frame	1	41398	41398	41398	-	
Q39	Jump hose to front brake balance lever	1	-	-	-	43151	10 h.p.
Q39	Jump hose to front brake balance lever	1	-	-	-	41525	Except 10 h.p.
	Clip (Type "J") for hose, top and bottom	2	-	-	-	41908	10 h.p.
	Clip (Type "H") for hose, top	1	-	-	-	41526	Except 10 h.p.
	Clip (Type "E") for hose, bottom	1	-	-	-	41375	Except 10 h.p.
Q40	Jump hose to front brake anchor bracket	2	-	-	-	43150	
	Clip (Type "H") for hose	4	-	-	-	41526	
Q41	Jump hose to drop arm ball joint	1	-	-	-	43152	10 h.p.
Q41	Jump hose to drop arm ball joint	1	-	-	-	41525	Except 10 h.p.
	Clip (Type "C") for hose on frame	1	-	-	-	41398	10 h.p.
	Clip (Type "E") for hose on frame	1	-	-	-	41375	12 h.p.
	Clip (Type "J") for hose on frame	1	-	-	-	41908	14 and 16 h.p.
	Clip (Type "E") for hose on steering rocker shaft	1	-	-	-	41375	
Q42	Jump hose to fan	1	42199	42199	42199	42199	10 and 12 h.p.
Q42	Jump hose to fan	1	41922	41922	41922	41922	14, 16 and 20 h.p.
	Clip (Type "E") hose to engine	1	41375	41375	41375	41375	10 and 12 h.p.
	Clip (Type "K") hose to engine	1	41907	41907	41907	41907	14, 16 and 20 h.p.
	Clip (Type "L") hose to frame	1	42212	42212	42212	42212	10 and 12 h.p.
	Clip (Type "J") hose to frame	1	41908	41908	41908	41908	14, 16 and 20 h.p.
Q43	Jump hose to rear axle	1	41525	41525	41525	41525	
	Clip (Type "E") hose to axle	1	41375	41375	41375	41375	
	Clip (Type "C") for hose on frame	1	41398	41398	41398	41398	
	"Tee" piece (on front brake anchor bracket)	1	-	-	-	43153	
	Duplex clip (Type "M") on front axle	1	42551	42551	42551	-	10 and 12 h.p.
	Bowden clip, long (Type "D") on front axle	4	41403	41403	41403	-	
	Bowden clip, short (Type "D") on drop arm	1	41409	41409	41409	-	
	Viblock clip (Type "G") on chassis cross member	1	11812	11812	11812	11812	10 and 12 h.p.
Q44	Compression sleeves	65	3342	3342	3342	3342	
Q45	Threaded nuts	19	41410	41410	41410	41410	
Q46	Threaded bushings	47	41411	41411	41411	41411	
	Tubing (5/32" diam.)	AR	80657	80657	80657	80657	
	Tubing (1/4" diam.)	AR	-	80656	80656	-	14, 16 and 20 h.p.
	Frame clips (Type "F") for tubing	14	41379	41379	41379	41379	10 and 12 h.p.
	Frame clips (Type "F") for tubing	29	41379	41379	41379	41379	14, 16 and 20 h.p.
	Plug	1	-	-	-	212780	
	Joint washer	1	-	-	-	6534	

Fixing various junctions and clips

LUVAX METER VALVE (DRIP VALVE) TYPES

The following table gives the correct rate number and location of all the valves in the system

LOCATION.	MODEL YEAR	H.P.	METER VALVE RATE.
Vacuum regulator	1935-47	10 & 12	TR 2
Vacuum regulator	1935-47	14,16 & 20	TR 1½
Rear dumb iron.	1935-47	All	SE 2
Rear brake balance lever	1935-47	All	SSO
Rear spring, front end	1935-47	All	ST 1
Handbrake cross shaft U.S. end	1935-47	All	SE 0
Handbrake cross shaft O.S. end	1935-47	All	ST 0
Clutch cable	1937-47	All	S3 1.
Foot pedal spindle	1935-47	All	SE 1.
Front spring shackle	1935-38	All	ST 2
Front spring shackle	1939-47	All	ST 1
Fan and water pump	1935-47	All	SE 00
Front brake balance lever	1935-47	All (except 10 H.P. 1947)	SS 0
Front brake balance lever	1947	10	SE 0
Front dumb iron	1935- 47	All	SE 1
Drop arm	1935-47	10 & 12	SE 1
Drop arm	1935-38	14	SE 1
Drop arm	1937-38	16 & 20	SS 1
Drop arm	1939-46	14,16 &20	SS1.
Drop arm	1947	14 & 16	SE 1
Hand brake cams	1935	14	SS 00
Swivel pin	1935-36	All	SS 2
Swivel pin (top)	1947	All	SE 1
Swivel pin (bottom)	1947	10 & 12	SS 2
Swivel pin (bottom)	1947	14 & 16	SE 2
Track rod ball joint U.S.	1947	10 & 12	SE 1
Track rod ball joint N.S.	1947	14 & 16	SS 1
Track rod ball joint O.S.	1947	All	SE 1
Drag link ball joint	1947	10,14 &16	SS 1
Drag link ball joint	1947	12	SE 1