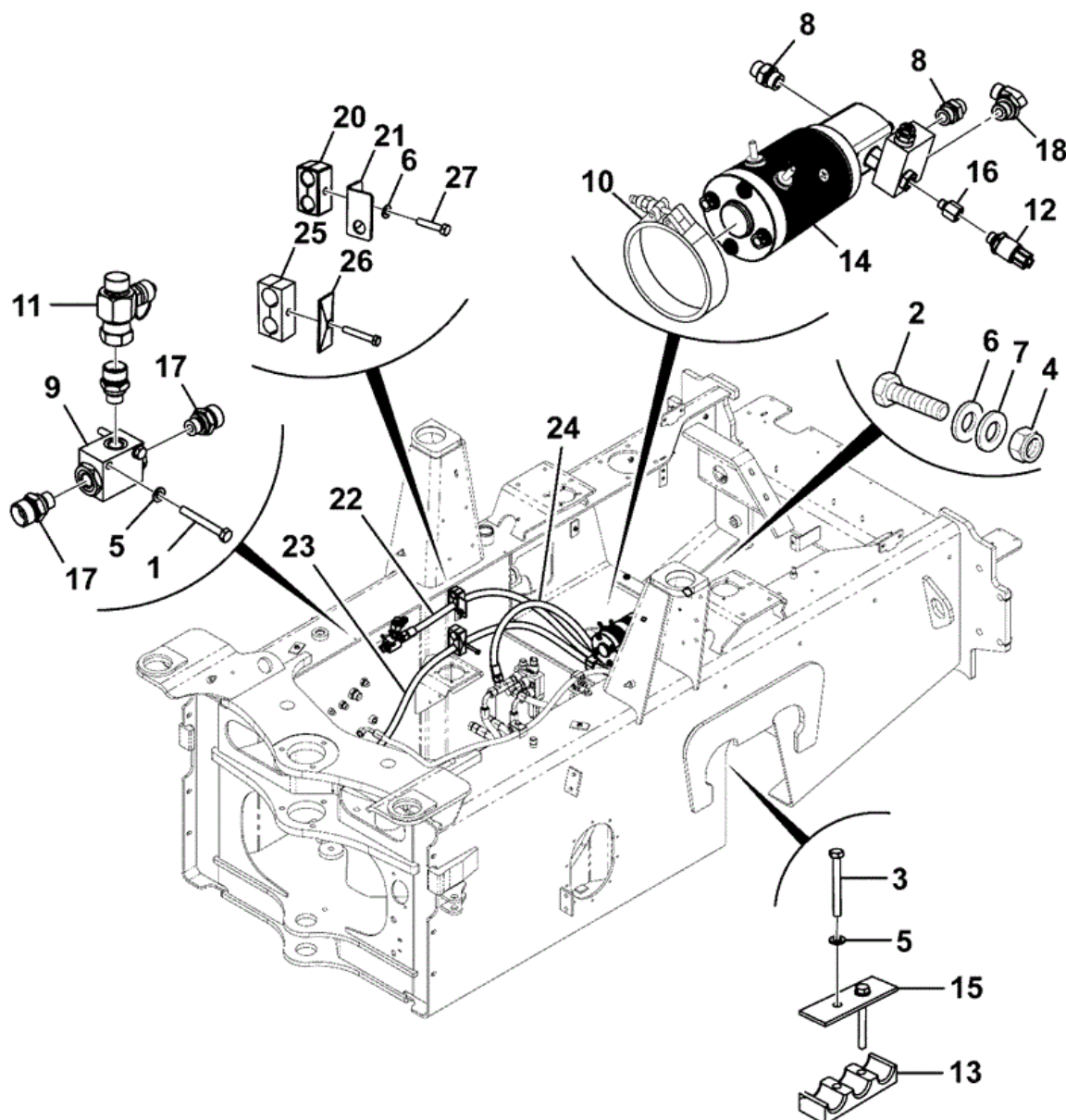


9822/0590 E190-7-1 OTHER HYDRAULIC CIRCUITS EMERGENCY STEER



333-V0655-3

Item	Part #	Change No	Description	Usage Code	QTY
1	1315/3212D		Bolt M6 x 50		2

2	1315/3308D		Bolt M8x30mm		4
3	1315/3312D		Bolt (M8 x 50)		1
4	1370/0203D		Nut Lock M8		6
5	1420/0006D		Washer (M6)		8
6	1420/0007D		Washer (M8)		8
7	1422/0007D		Washer M8		4
8	1620/2055		Adaptor 39.5mm Long. M/M 1/2"BSP x 7/8"SAE		2
9	25/221847		Valve Shuttle		1
10	331/38636		Clamp		2
11	816/55040		Adapter test		1
12	332/W8338	to 27/07/2014	Sensor pressure 0-280Bar (Turquoise)		2
12	334/T0070		Sensor pressure 0-280Bar (Green)		2
13	333/R0811		Clamp hose		1
14	333/S1623		Pump emergency steer		1
15	331/49800		Plate top,hose clamp		1
17	816/90038		Adapter M/M		3
18	816/90041		Adapter elbow, M/M 1/2"BSP x 7/8"		1
20	821/00285		Clamp 21.3mm/21.3mm holes 37mm high		1
22	33AM/AA148		Hose 1/2" BSP HP x 1480mm		1
23	613/31200		Hose 1/2"BSP x 1730mm		1
24	613/80060		Hose 1/2"BSP x 1260mm		1
25	333/W0811		Clamp dia. 27.5-20.5		1
26	821/00131		Plate cover M8 x 50mm		1
29	334/R1241		Decal mega fuse		1
30	716/30295		Relay 24 volt		1
31	816/90270		Adaptor tee 1/2"BSPF x 1/2"BSPM x 1/2"BSPM		1
32	716/21900		Holder Fuse		1
33	716/30195		Fuse 125Amp		1
34	333/V3028		Lead relay to mega fuse		1
35	826/00864		Clip P 16mm		1
36	821/00169		Plate Cover		2
37	821/00234		Clamp 16mm/16mm holes 26mm high		4
38	1315/3318D		Bolt M8 x 80mm		2
39	1315/0205D		Setscrew M6 x 20		5
40	1315/3317D		Bolt M8 x 75mm long		1
41	1370/0103D		Nut (M6)		1
42	1420/0008D		Washer (M10)		1
43	1370/0303D		Nut Self Lock M10		1
44	333/V3023		Lead mega fuse to power block		1
45	333/V3032		Lead relay to steer pump		1
46	333/V3033		Lead steer pump to ground		1
47	701/L4887		Switch 24V 2 Postion		1
48	701/L4879		Actuator secondary steer system		1
49	816/90045		Cap Blanking 1/4"BSP Steel		1
50	1620/0001		Adapter		1
51	816/90062		Adaptor tee 1/4inchx 1/4inchBSP x 9/16inch-18UNF M/F/F		1

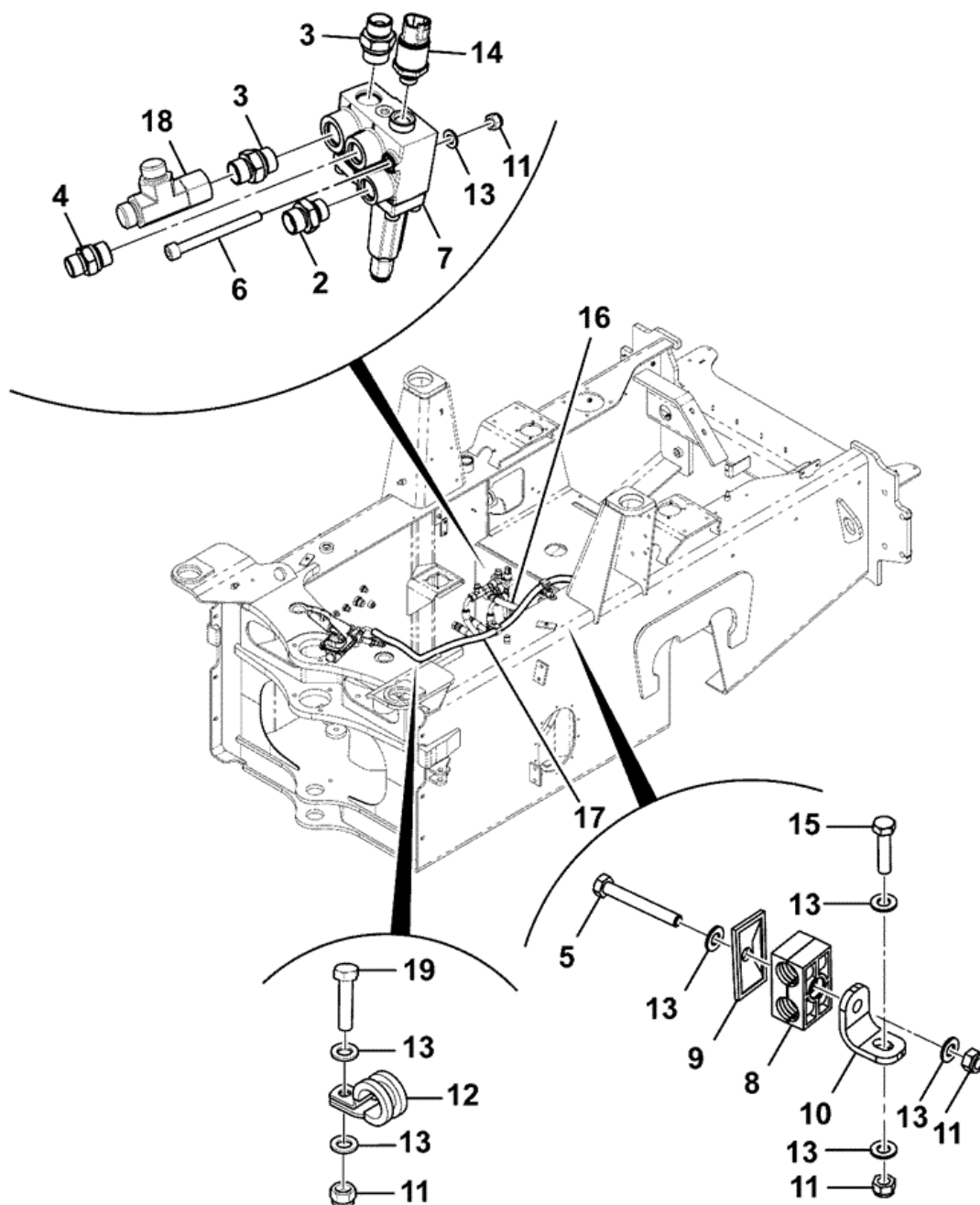


Item	Part #	Change No	Description	Usage Code	QTY
1	333/S8109		Pump hydraulic 71cc (No HP control)		1
2	****		Assembly suction hose		1

3	1315/0710D		Setscrew M16 x 40mm		2
4	1420/0011D		Washer (M16)		4
5	933/17900		Flange adapter		1
6	1745/0001		Plug 7/16"UNF O ring boss		1
7	264/01001		Clamp		2
8	828/00417		O Ring 1"SAE		2
9	1391/3413D		Capscrew		4
10	1425/0008D		Washer Spring M10		4
11	333/R8878		Hose 1"BSP x 2165mm		1
12	635/54200		Hose		1
13	611/00800		Hose 1/4"BSP x 1880mm		1
14	816/90081		Adapter 4-way , F/M/M/M		1
15	1620/2058		Adaptor 3/4BSP x 7/8SAE M/M		1
16	333/V9481		Retainer WA		1
17	1315/3710D		Bolt M16 x 40 grade 8.8		2
19	477/25500		Clamp		1
20	821/00424		Plate clamp		1
21	1315/3419D		Bolt M10 x 90mm		2
22	1370/0303D		Nut Self Lock M10		2
23	1420/0008D		Washer (M10)		4
29	4101/0600		Sealant		1
30	816/90965		Adapter pressure test leak free		2
31	1620/2050		Adaptor 1/4BSP x 7/16SAE		4
32	611/24100		Hose 1/4"BSP x 820mm		1
33	611/30300		Hose 1/4"BSP x 600mm		1
34	335/C9335		Decal test point		1



9822/0590 E190-9-1 OTHER HYDRAULIC CIRCUITS CHARGE VALVE VARILFLOW



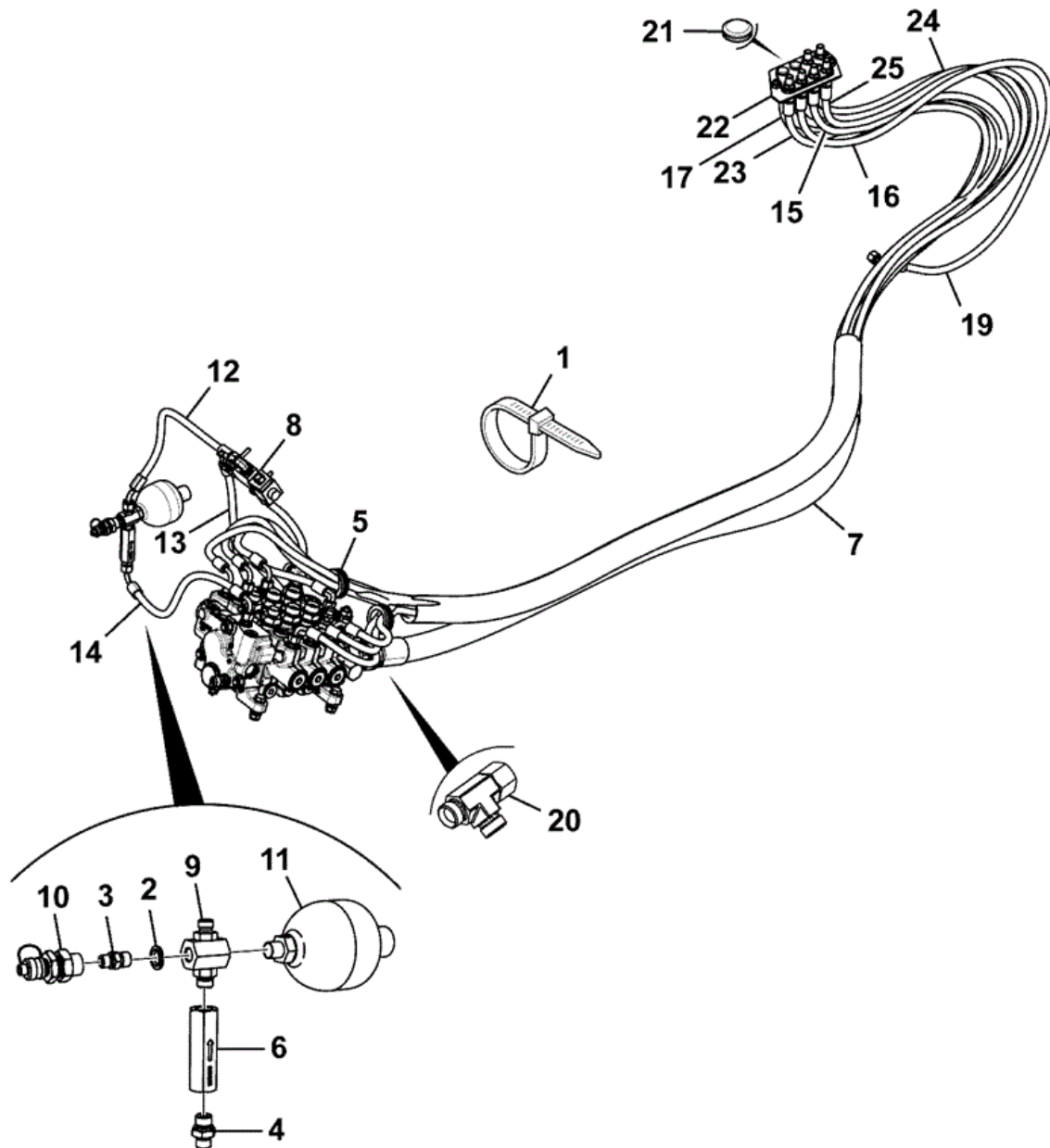
333-W1194-3

Item	Part #	Change No	Description	Usage Code	QTY
2	1620/2054		Adaptor 1/2BSP x 3/4 SAE		1

3	1620/2055		Adaptor 39.5mm Long. M/M 1/2"BSP x 7/8"SAE		2
4	1620/2053		Adaptor 3/8BSPx3/4SAE		1
5	1315/3314D		Bolt M8 x 60mm		2
6	1391/3319D		Capscrew M8 x 90mm		2
7	332/W7137		Valve charge		1
8	821/00347		Clamp Twin		2
9	821/00335		Clamp Plate		2
10	332/S7179		Bracket HVAC mounting		1
11	1370/0203D		Nut Lock M8		6
12	821/00376		Clip 'P' 20mm diameter		1
13	1420/0007D		Washer (M8)		10
14	332/W8338	to 27/07/2014	Sensor pressure 0-280Bar (Turquoise)		1
14	334/T0070		Sensor pressure 0-280Bar (Green)		1
15	1315/0309D		Setscrew M8 x 35 mm		1
16	332/W0250		Hose 1/2" x 345mm		2
17	612/24200		Hose		1
18	816/90270		Adaptor tee 1/2"BSPF x 1/2"BSPM x 1/2"BSPM		1
19	1315/0312D		Setscrew M8 x 50		1



9822/0590 E190-10-1 OTHER HYDRAULIC CIRCUITS SERVO CONTROL VARIFLOW



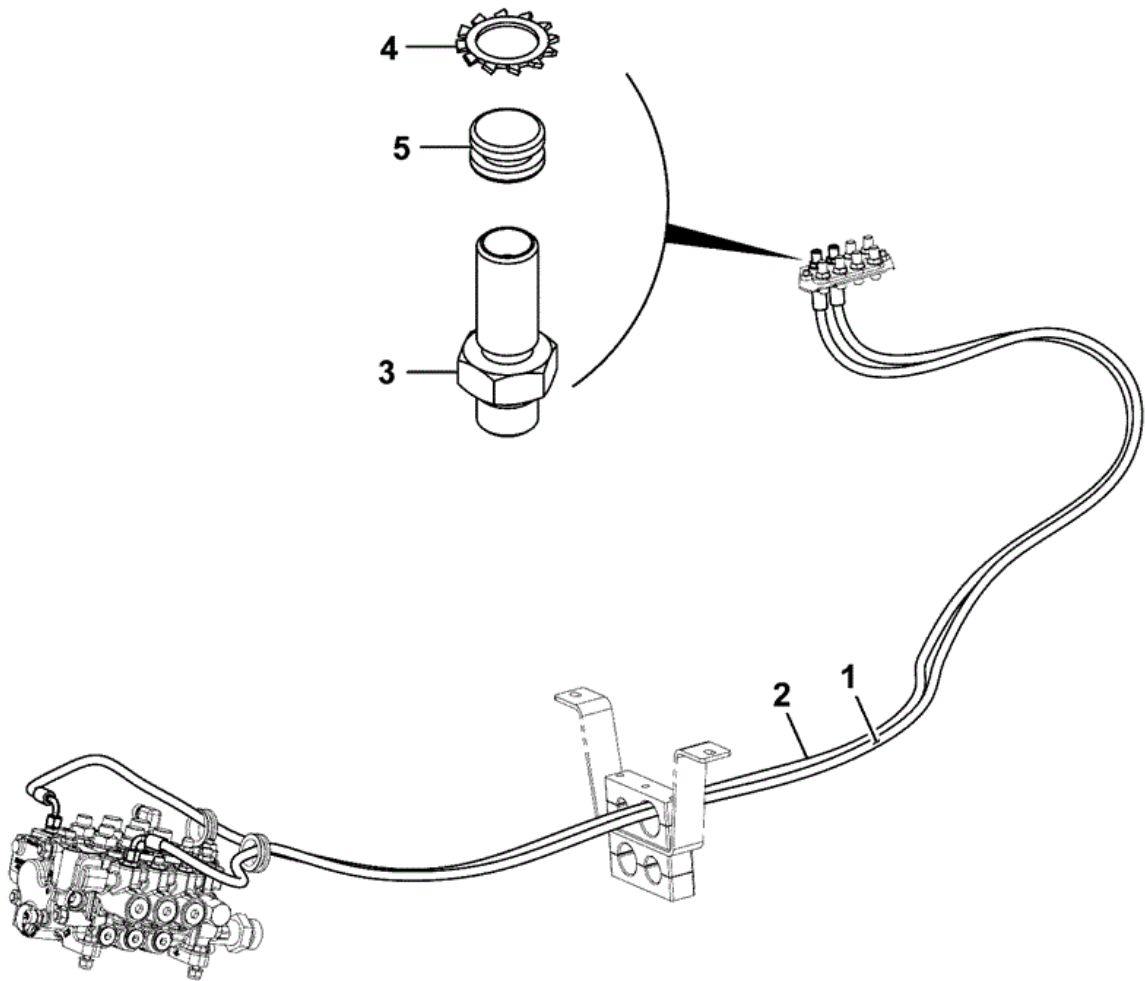
333-W3512-1

Item	Part #	Change No	Description	Usage Code	QTY
1	121/77603		Tie Cable 300mm		25

2	1406/0011		Washer Bonded (1/4")	1
3	1620/2050		Adaptor 1/4BSP x 7/16SAE	1
4	1620/2051		Adaptor 1/4"BSP x 9/16"SAE	1
5	2410/0215		Grommet	2
6	25/301100		Valve check in line	1
7	333/R4988		Hose 1 1/4"BSP x 1325mm	1
8	****		Assembly isolator valve	1
9	816/13220		Adapter 4 way	1
10	816/90965		Adapter pressure test leak free	1
11	903/05300		Accumulator 0.24 LTR 15BA	1
12	611/23900		Hose 1/4"BSP x 420mm	1
13	611/80070		Hose 1/4"BSP x 550mm	1
14	31AM/CN056		Hose 1/4"BSP x 560mm	1
15	333/W6918		Hose servo	1
16	649/51326		Hose 1/4"BSP x 1300mm	1
17	333/W6923		Hose servo	1
19	631/30200		Hose 1/4"BSP x 500mm	1
20	816/90013		Adaptor Tee 1/4F-1/4M-1/4M BSP	1
21	2410/1104		Grommet Blind, 11.1 mm x 3.5 mm	2
22	****		Assembly servo cab bulkhead	1
23	333/W6932		Hose servo	1
24	333/W6916		Hose servo	1
25	333/W6917		Hose servo	1



9822/0590 E190-11-1 OTHER HYDRAULIC CIRCUITS SERVO
CONTROL VARIFLOW, AUXILIARY, MANUAL



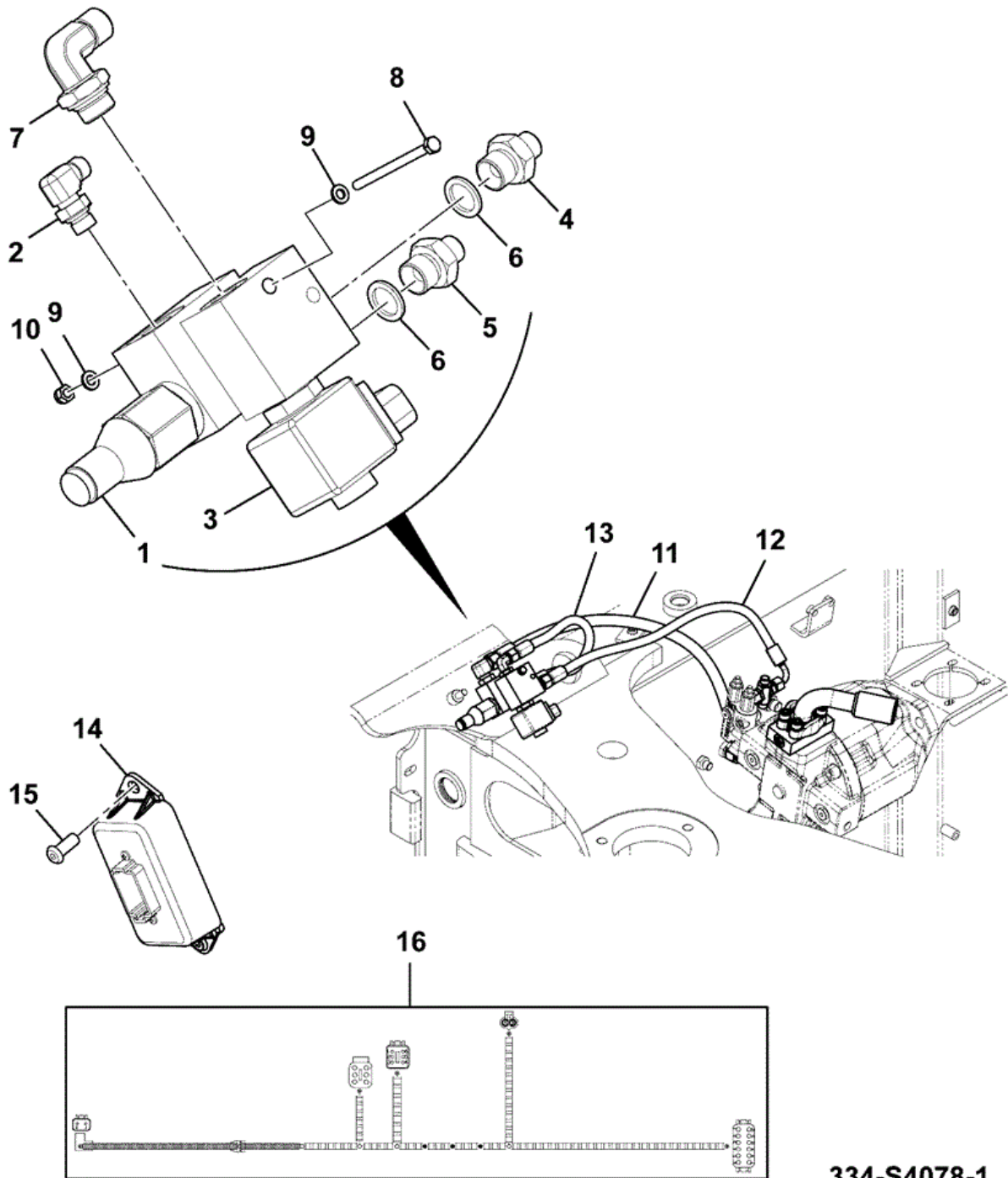
333-W3564-1

Item	Part #	Change No	Description	Usage Code	QTY
1	333/W6921		Hose servo ID-1.1		1

2	333/W6922		Hose servo ID-2.1		1
3	816/90005		Adaptor Bulkhead M/M		2
4	1417/0014D		Washer lock 1/2"		2



9822/0590 E190-12-1 OTHER HYDRAULIC CIRCUITS PUMP
RELIEF VALVE DUMP

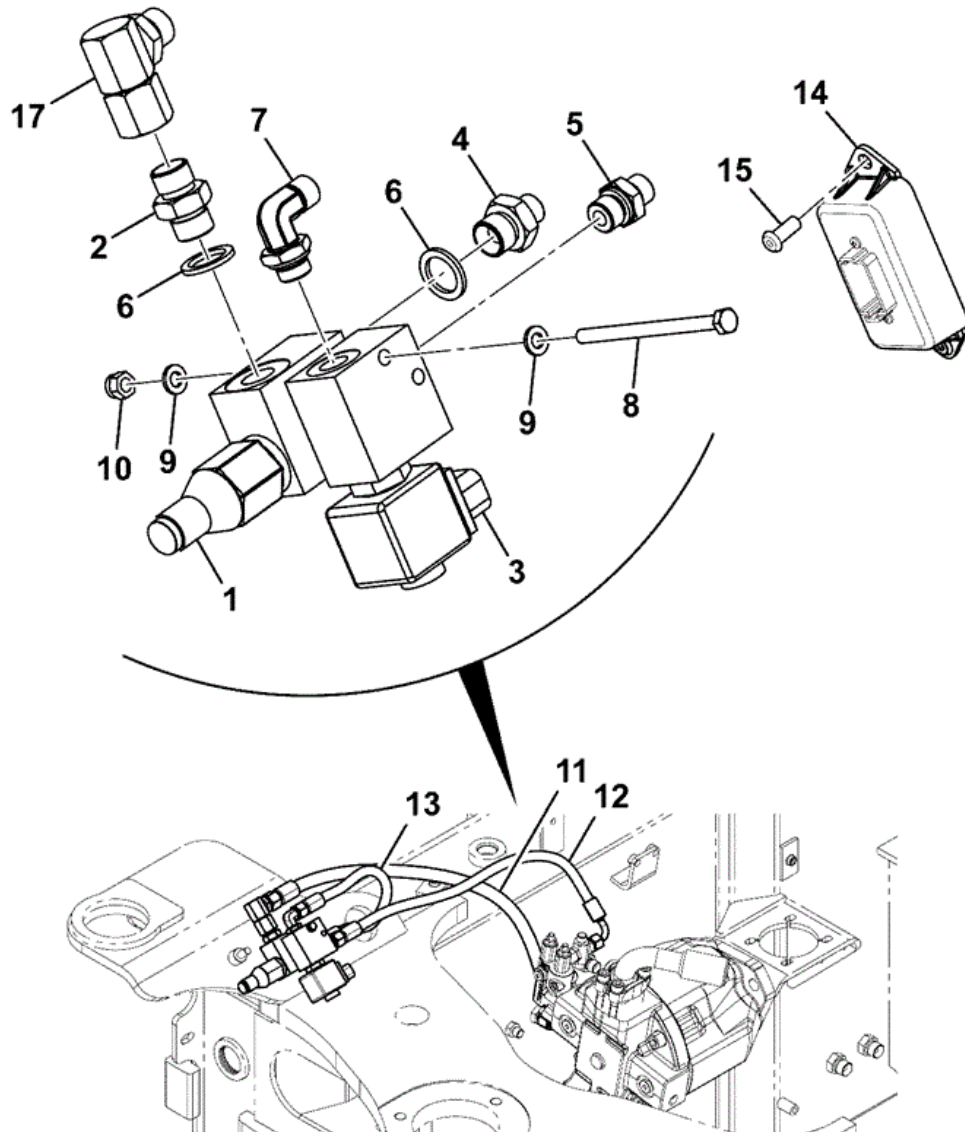


334-S4078-1

Item	Part #	Change No	Description	Usage Code	QTY
1	334/S4079		Valve relief 160Bar		1

2	KHJ0342		Elbow 3/8 x 3/8		1
3	25/221923		Valve solenoid		1
4	1606/2052		Adapter		1
5	1620/2051		Adaptor 1/4"BSP x 9/16"SAE		1
6	1406/0015		Washer Bonded 3/8"		2
7	816/90618		Adaptor elbow 1/4		1
8	1315/3219D		Bolt special M6x90		1
9	1420/0006D		Washer (M6)		2
10	1370/0103D		Nut (M6)		1
11	612/36700		Hose 3/8"BSP x 670mm		1
12	478/00622		Hose 1/4" X 525mm		1
13	631/80006		Hose		1
14	728/23100		Unit control		1
15	826/11046		Screw M8x20		2
16	334/S2664		Harness pump dump		1

JCB 9822/0590 E190-12-2 OTHER HYDRAULIC CIRCUITS PUMP RELIEF VALVE DUMP

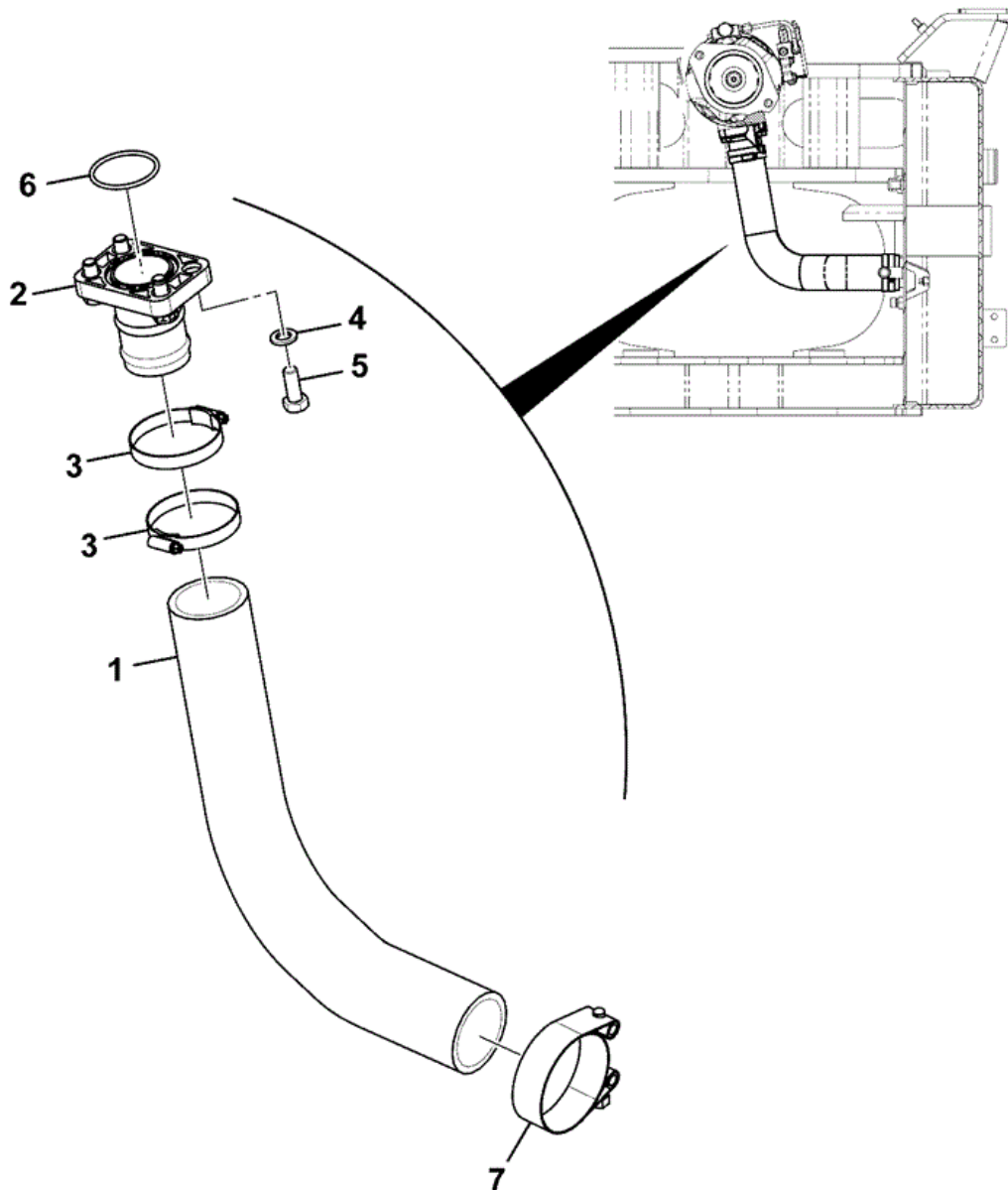


334-S4078-3

Item	Part #	Change No	Description	Usage Code	QTY
1	334/S4079		Valve relief 160Bar		1

2	1604/2052		Adapter		1
3	25/221923		Valve solenoid		1
4	1606/2052		Adapter		1
5	1620/2051		Adaptor 1/4"BSP x 9/16"SAE		1
6	1406/0015		Washer Bonded 3/8"		2
7	816/90618		Adaptor elbow 1/4		1
8	1315/3219D		Bolt special M6x90		1
9	1420/0006D		Washer (M6)		2
10	1370/0103D		Nut (M6)		1
11	612/36700		Hose 3/8"BSP x 670mm		1
12	478/00622		Hose 1/4" X 525mm		1
13	631/80006		Hose		1
14	728/23100		Unit control		1
15	826/11046		Screw M8x20		2
17	816/90076		Adapter 90 deg elbow, M/F		1

9822/0590 E190-13-1 OTHER HYDRAULIC CIRCUITS SUCTION HOSE



333-W0627-2

Item	Part #	Change No	Description	Usage Code	QTY
1	334/P3781		Hose suction		1

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