



Count on it.

Form No. 3482-207 Rev A

Parts Catalog

Groundsmaster® 4700-D Rotary Mower

Model No. 30887—Serial No. 420940000 and Up



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

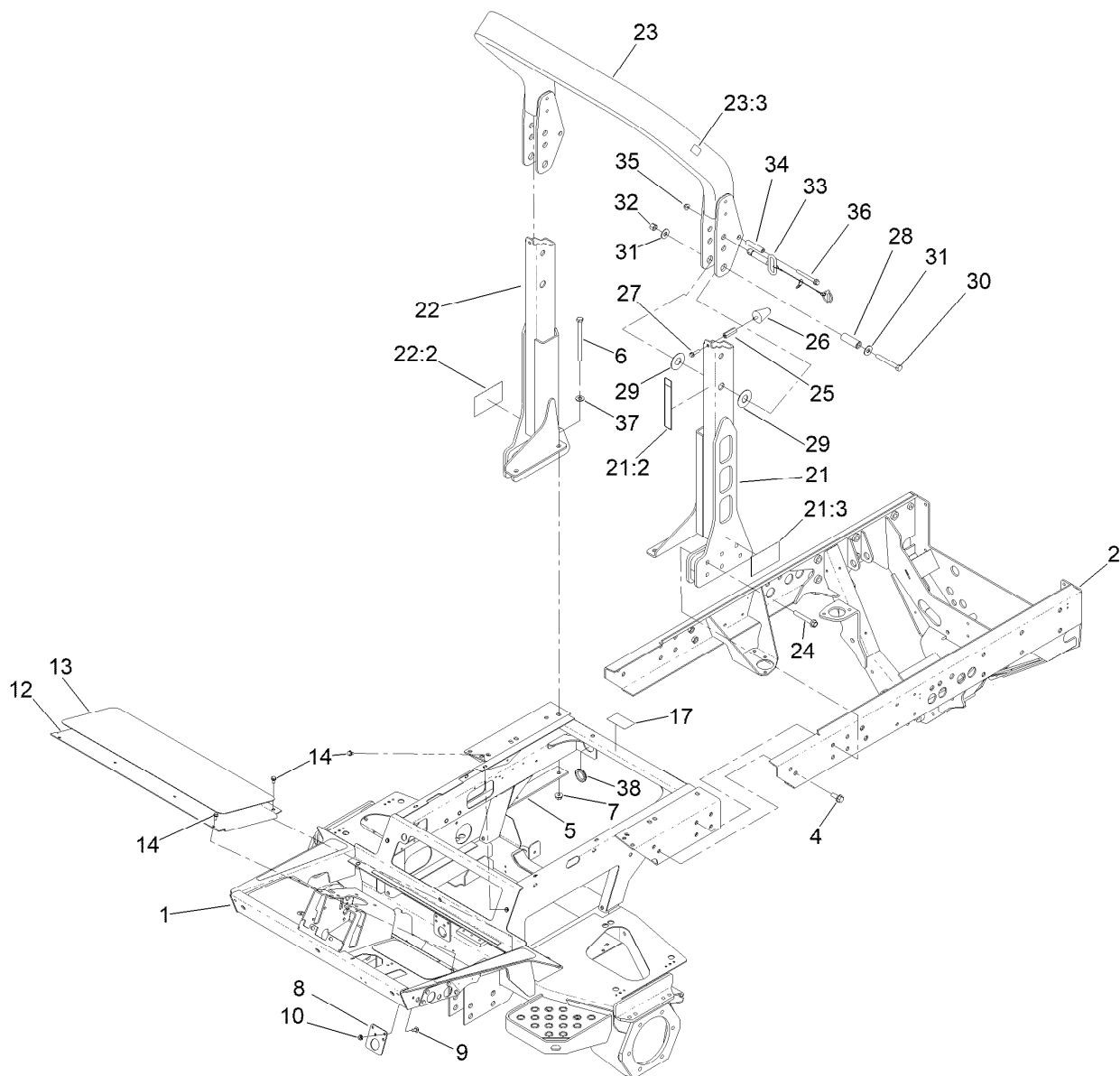
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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Frame and Roll-Over Protection System Assembly

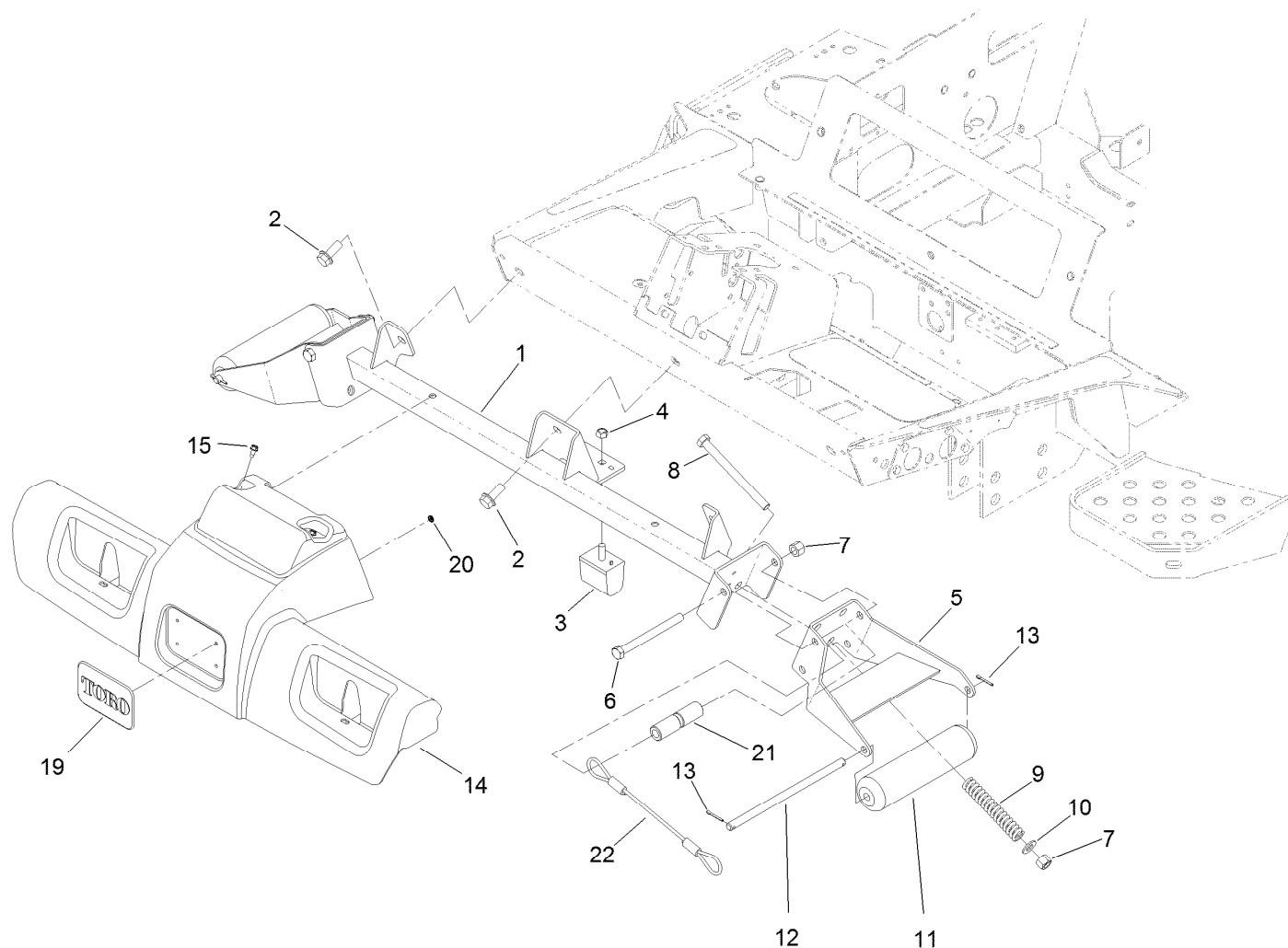
Ref.	Part Number	Qty.	Description
1	120-8086	1	Front Frame ASM
2	120-8007-03	1	Frame-Rear
4	3234-38	4	Screw-HHF
5	104-5584-0P	2	Plate-Reinforcement, ROPS
6	325-33	4	Screw-HH
7	32128-49	4	Nut-HHF
8	104-5516-0P	1	Support-Tube
9	137-3061	2	Bolt-CARR
10	32128-20	2	Nut-HF
12	75-1410-01	1	Plate-Access, Floor
13	125-4614	1	Tread-Foot, Center
14	3234-7	4	Screw-HHF
17	106-6754	1	Decal-Danger
21	136-2900	1	LH ROPS ASM
21:2	120-8947	1	Decal-Danger, ROPS
21:3	94-8099	1	Decal
22	136-2901	1	RH ROPS ASM
22:2	94-8099	1	Decal

Ref.	Part Number	Qty.	Description
23	136-2885	1	Top Tube ASM
23:3	98-4387	1	Decal-Protection, Ear
24	114-8419	12	Screw-HHF
25	136-2899	2	Standoff-Hex
26	114-1925	2	Bumper-Rubber
27	3234-36	2	Screw-HHF
28	136-2890	2	Spacer
29	136-2893	4	Washer-Plastic
30	325-17	2	Screw-HH
31	3256-6	4	Washer-Flat
32	3296-23	2	Nut-Lock, NI
33	136-2892	2	Pin ASM
34	80-1890	2	Spacer
35	119-4042	2	Nut-HF, NI
36	116-4701	2	Screw-HHF
37	87-7270	4	Washer-Thrust
38	240-2	1	Grommet-Rubber



Front Frame Assembly No. 120-8086

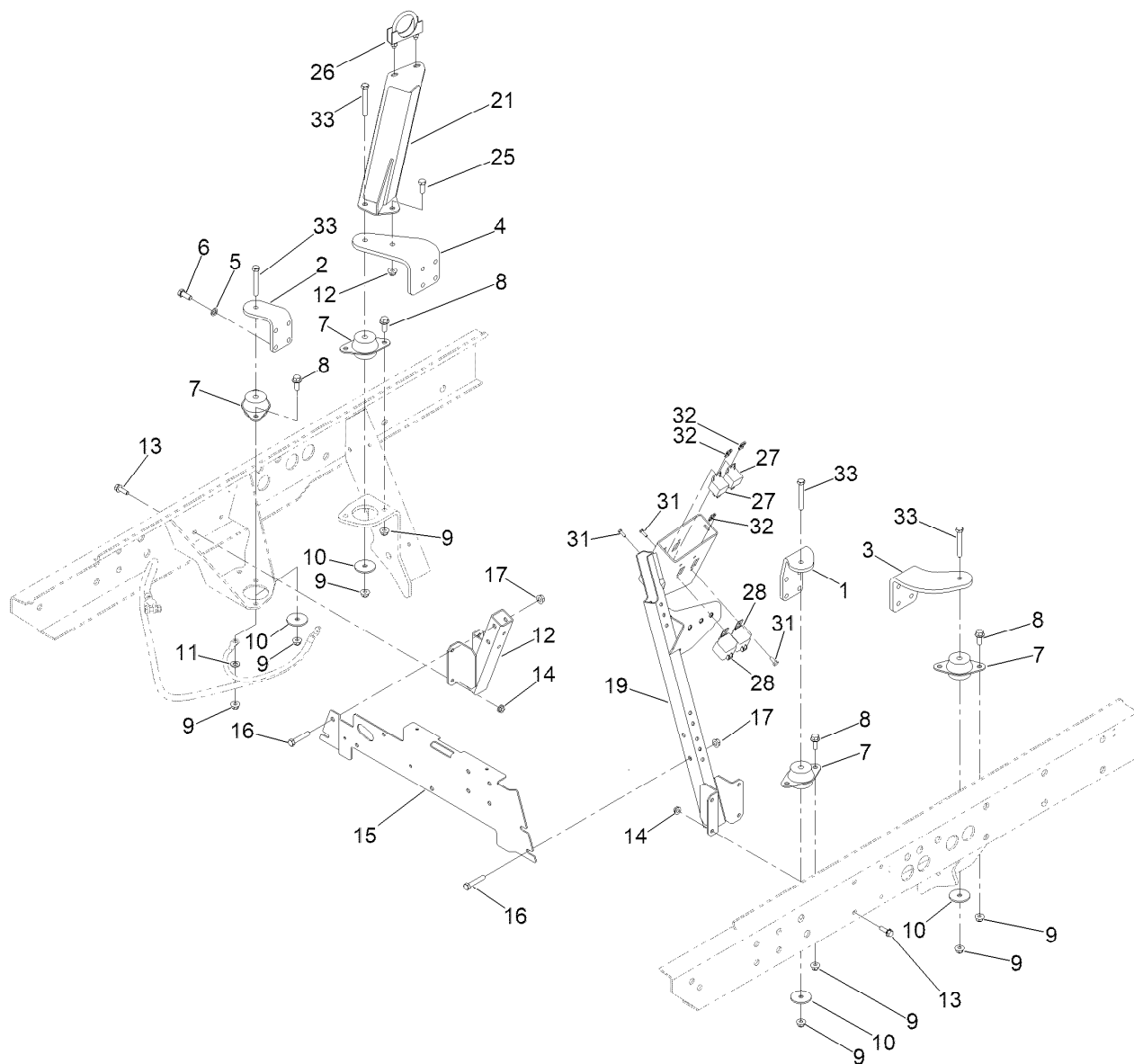
Ref.	Part Number	Qty.	Description
2	93-7592	2	Tread-Rest, Foot
3	75-0620	1	Tread-Foot, LH
4	104-5223	1	Tread-Foot, RH
5	32148-7	10	Nut-Clinch
8	105-9860	2	Seal-Foam
9	106-7794-01	2	Plate-Mount, HYD Fitting
10	322-3	8	Screw-HH
11	32128-20	8	Nut-HF



Front Shroud Assembly

Ref.	Part Number	Qty.	Description
1	117-4760-01	1	Support-Roller
2	3234-38	3	Screw-HHF
3	87-3470	1	Bumper
4	33025-00	1	Nut-Lock, NI
5	105-3996-01	2	Support-Roller
6	325-22	2	Screw-HH
7	3296-23	4	Nut-Lock, NI
8	325-20	2	Screw-HH
9	105-3970	2	Spring-Compression
10	3256-26	2	Washer-Flat

Ref.	Part Number	Qty.	Description
11	105-9816	2	Roller-Plastic
12	104-5545	2	Shaft-Roller
13	3272-11	4	Pin-Cotter
14	115-9137	1	Shroud-Platform
15	32104-17	2	Screw-HWH
19	93-6028	1	Plate-Logo
20	138-6996	4	Nut-Push
21	136-2923	2	Spacer-Centering
22	136-7992	2	Lanyard



Engine Mount Assembly

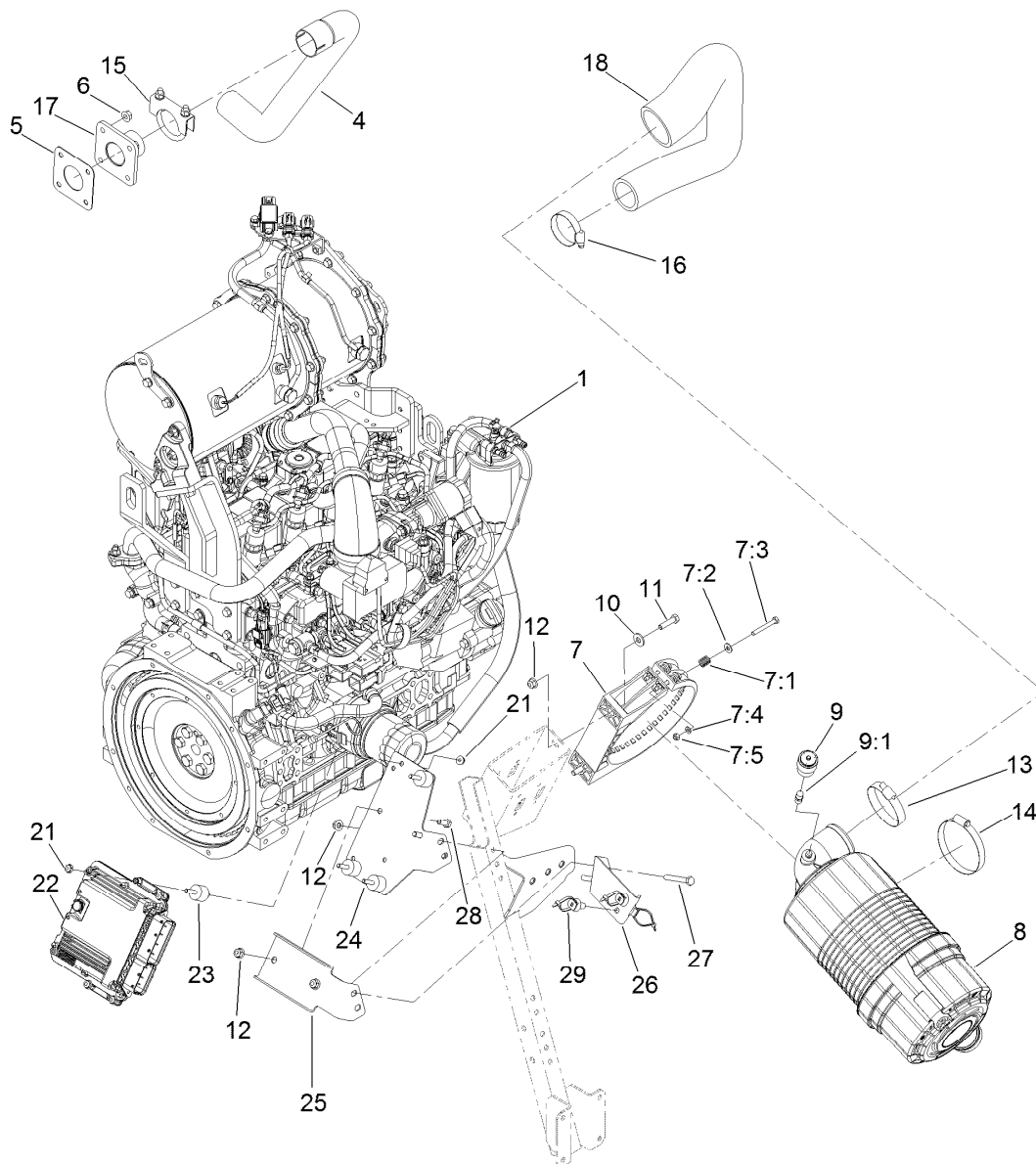
Ref.	Part Number	Qty.	Description
1	120-8001-0P	1	Mount-Engine, LH Front
2	120-8002-0P	1	Mount-Engine, RH Front
3	120-8003-0P	1	Mount-Engine, LH Rear
4	120-8004-0P	1	Mount-Engine, RH Rear
5	48-9590	16	Washer-Lock
6	33115-025	16	Screw-HH
7	53-9682	4	Mount-Engine
8	3234-11	8	Screw-HHF
9	119-4042	13	Nut-HF, NI
10	139-1726	4	Washer-Rebound
11	3256-24	1	Washer-Plain
12	104-5420-0P	1	Support-Battery
13	3234-29	8	Screw-HHF

Ref.	Part Number	Qty.	Description
14	32128-20	8	Nut-HF
15	114-8134-0P	1	Bracket-Manifold, Mow
16	323-10	4	Screw-HH
17	32128-21	4	Nut-HF Lock
19	136-3615-0P	1	A/C Mount
21	121-3098-0P	1	Support-Tailpipe
25	323-6	1	Screw-HH
26	18-2130	1	Clamp
27	99-7435	2	Relay
28	99-7430	2	Relay-Mini
31	3290-134	3	Screw
32	3290-277	3	Nut-Speed
33	323-14	4	Screw-HH



Flywheel Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6120-0P	1	Plate-Flywheel
2	107-1413	8	Washer-Hardened
3	132-6121	1	Coupling-Flywheel
4	139-9940	8	Screw-HH, Patch
5	117-5663	8	Screw-HH
6	87-7510	8	Washer-Flat
7	121-5636	1	Tab-Harness
8	127-2774	1	Bracket-Harness, RH
9	3253-4	2	Washer-Lock
10	33114-016	2	Screw-HH
11	48-9590	2	Washer-Lock
12	33115-016	2	Screw-HH
13	127-2773	1	Bracket-Harness, LH
14	3290-378	4	Tie-Cable



Engine, Air Cleaner and Controller Assembly

Ref.	Part Number	Qty.	Description
1	138-6917	1	Engine-Yanmar
4	121-3061	1	Pipe-Exhaust
5	121-3058	1	Gasket-Exhaust
6	33004-00	4	Nut-HF
7	99-5414	1	Strap-Cleaner, Air
7:1	108-1512	2	Spring
7:2	3256-22	2	Washer-Flat
7:3	33113-050	2	Screw-HH
7:4	33093-00	2	Washer-Flat
7:5	33023-00	2	Nut-Lock
8	99-5410	1	Air Cleaner ASM
9	104-3563	1	Indicator
9:1	94-1416	1	Adapter-Indicator
10	3256-3	2	Washer-Flat
11	322-6	2	Screw-HH
12	119-4041	6	Nut-HF

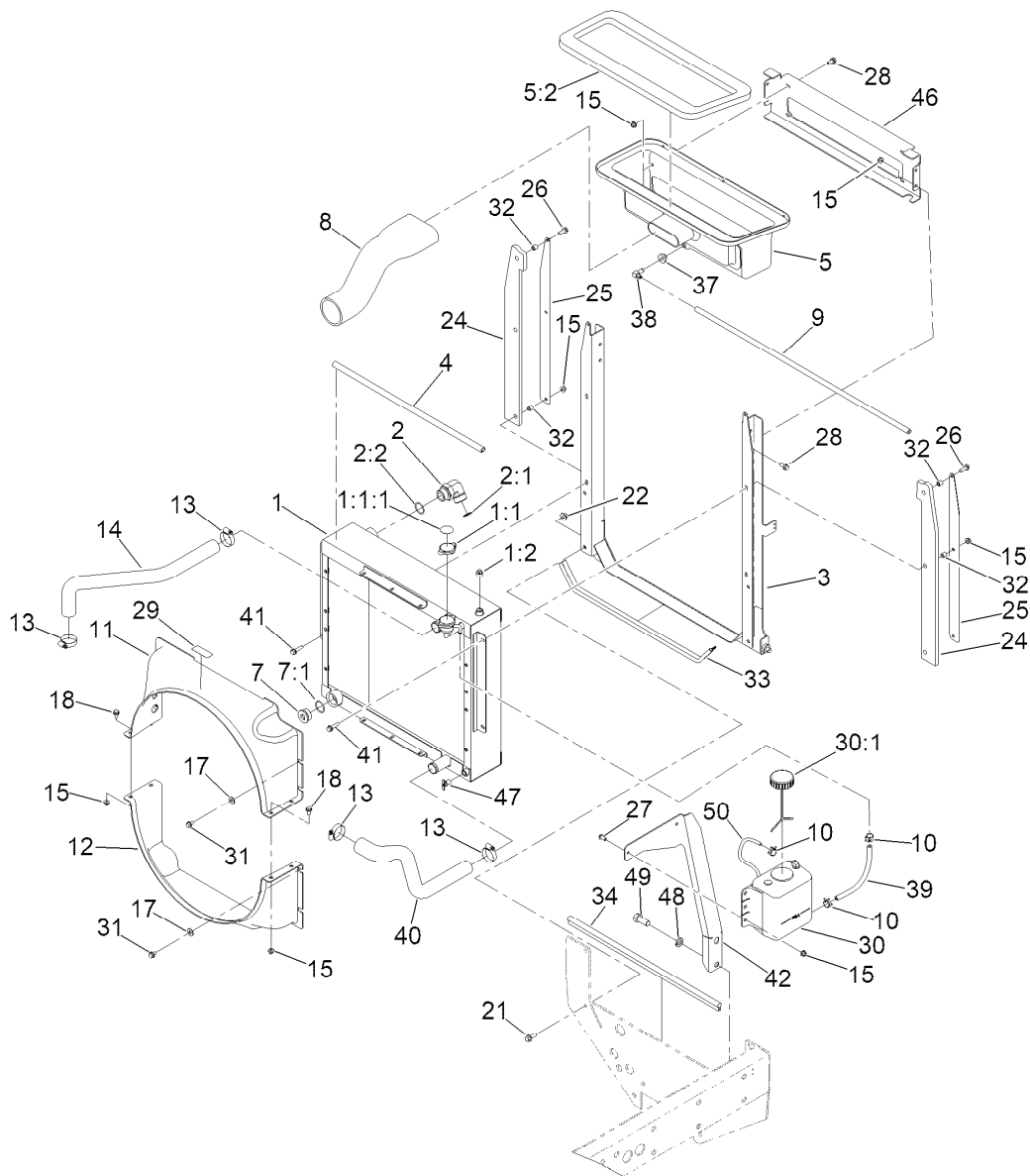
Ref.	Part Number	Qty.	Description
13	2412-125	1	Clamp-Hose
14	2412-110	1	Clamp-Band/Screw
15	18-2130	1	Clamp
16	2412-130	1	Clamp-Hose
17	121-3060	1	Flange-Exhaust
18	121-3142	1	Hose-Air Cleaner, Outlet
21	104-7201	8	Nut-HF, NI
22	121-5592	1	Electronic Control Unit
23	132-1356	4	Mount-Isolator
24	136-3405-0P	1	Bracket-Ecu Mount
25	136-3406-0P	1	Support-Ecu Mount
26	136-3587-0P	1	Bracket-Strain Relief
27	322-11	2	Screw-HH
28	322-3	2	Screw-HH
29	32180-031	3	Clip-Tree (W/Tie)



Air Cleaner Assembly No. 99-5410

Ref.	Part Number	Qty.	Description
1	104-4258	1	Valve-Vacuator
3	104-4259	1	Cover
5		1	Body ASM ●
6	108-3814	1	Filter-Air
7	108-3816	1	Filter-Air

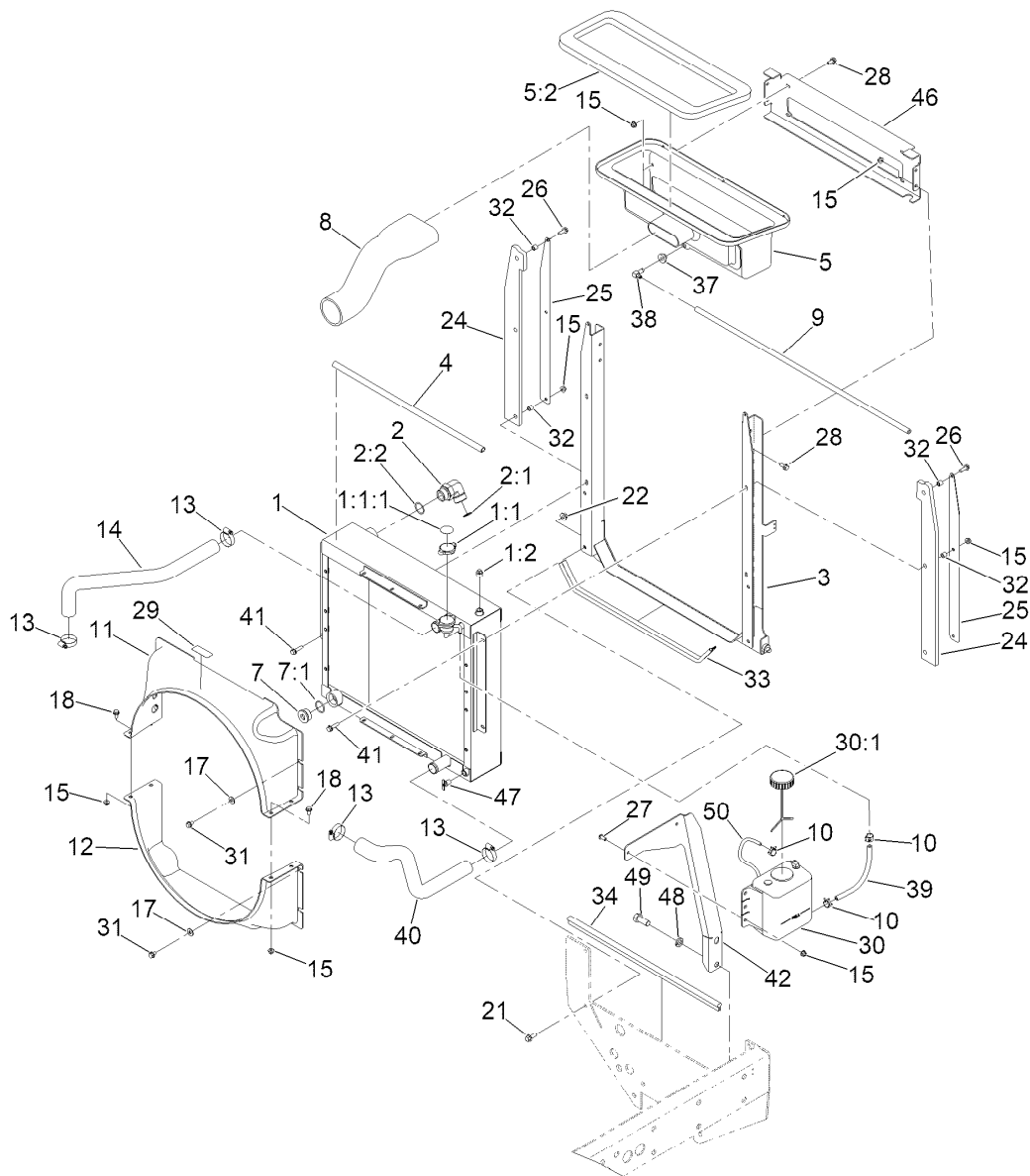
● Not serviced separately



Radiator Assembly

Ref.	Part Number	Qty.	Description
1	132-6161	1	Radiator/Oil Cooler
1:1	115-7766	1	Cap-Radiator
1:1:1	106-6755	1	Decal-Cap, Radiator
1:2	281-13	1	Plug-Pipe
2	340-129	2	Fitting-Elbow, 90 DEG
2:1	237-146	1	O-Ring
2:2	340-65	1	O-Ring
3	121-3084-03	1	Mount-Radiator
4	114-3828	1	Seal-Bulb
5	115-4363	1	Plenum ASM
5:2	115-4393	1	Seal-Plenum
7	105-3921	1	Fitting-Plug
7:1	237-146	1	O-Ring
8	121-3143	1	Hose-Air Cleaner, Inlet
9	110-3258	1	Hose-Fuel
10	92-2379	4	Clamp-Hose
11	125-4615	1	Shroud-Radiator, Upper
12	121-3106	1	Shroud-Radiator, Lower
13	2412-3	4	Clamp-Hose
14	121-1476	1	Hose-Radiator, Upper
15	119-4041	18	Nut-HF

Ref.	Part Number	Qty.	Description
17	3256-3	8	Washer-Flat
18	3234-7	4	Screw-HHF
21	3234-11	4	Screw-HHF
22	32128-43	4	Nut-Flange
24	121-3087	2	Seal-Foam, Hood
25	121-3086-0P	2	Bracket-Seal Hood
26	32144-41	2	Screw-Taptite
27	3274-55	2	Screw-HSBH
28	3234-47	8	Screw-HHF
29	117-4766	1	Decal-Warning, Fan
30	144-6219	1	Reservoir-Coolant ASM
30:1	87-7050	1	Cap-Reservoir
31	3234-30	8	Screw-HHF
32	1-603903	6	Spacer
33	117-4782	1	Seal-Bulb
34	105-9858	1	Seal-Bulb
37	46-6560	1	Bushing
38	46-6550	1	Fitting-Elbow, 90 DEG
39	109-0282	1	Hose-Fuel
40	121-1477	1	Hose-Radiator, Lower
41	3234-36	4	Screw-HHF



Radiator Assembly (continued)

Ref.	Part Number	Qty.	Description
42	136-3693-0P	1	Bracket-Mount, Tank
46	121-3085-0P	1	Plate-Crossover
47	304-46	1	Draincock

Ref.	Part Number	Qty.	Description
48	3253-8	2	Washer-Lock
49	3218-6	2	Nut-Jam
50	109-0273	1	Hose-Fuel



Fan Mounting Assembly

Ref.	Part Number	Qty.	Description
1	115-8486	4	Screw-HH
2	114-3825	1	Fan
3	140-6482	1	Hub-Fan
4	340-2	1	Fitting-Straight
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	137-5571	1	Hydraulic Motor ASM
6	137-5594	1	Mount-Fan
7	324-5	2	Screw-HH
8	3256-25	2	Washer-Flat
9	3296-48	2	Nut-Hex
10	340-4	2	Fitting-Straight
10:1	237-30	1	O-Ring

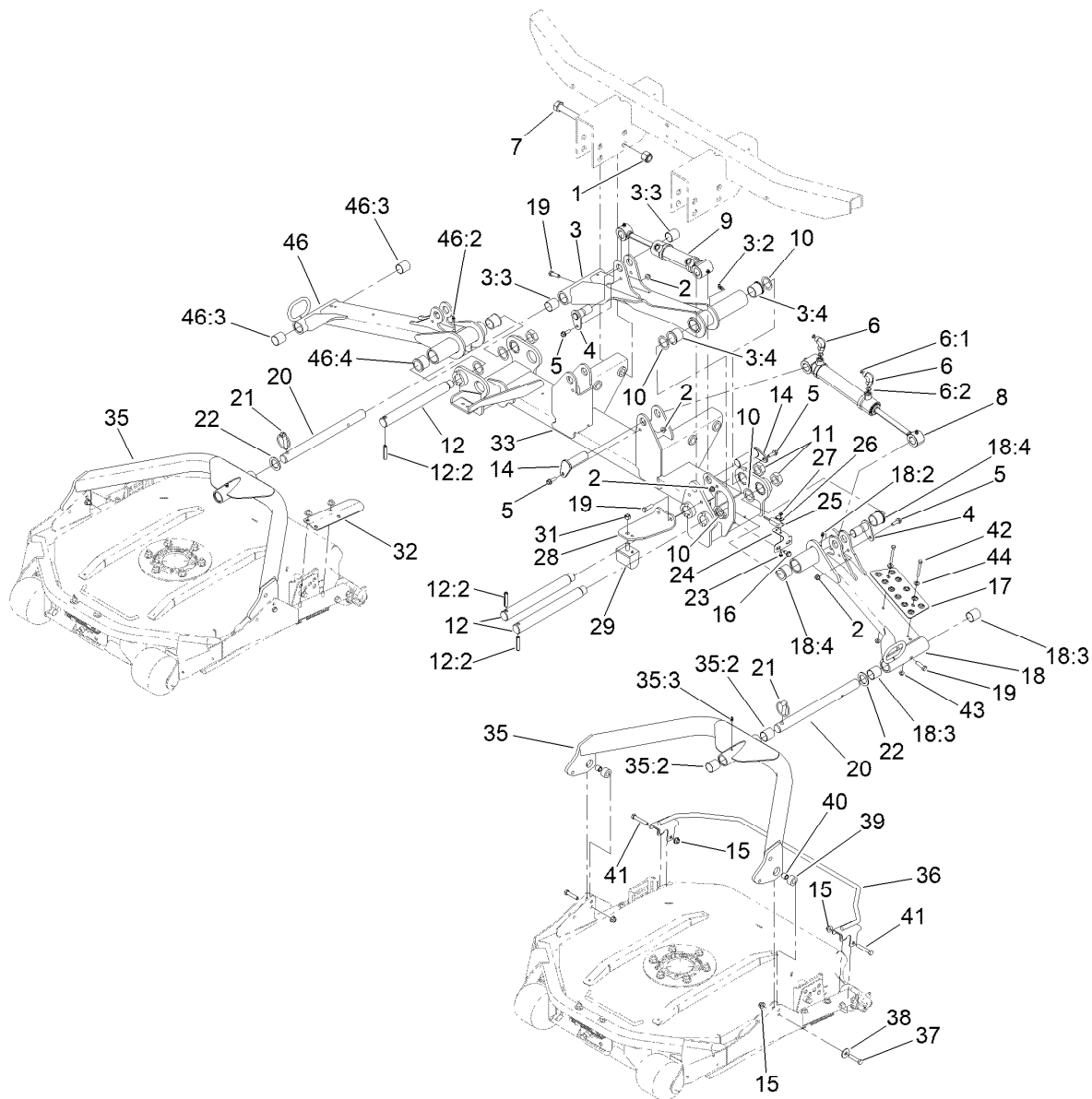
Ref.	Part Number	Qty.	Description
10:2	237-79	1	O-Ring
11	80-6990	4	Washer-Hardened
12	104-7201	6	Nut-HF, NI
13	99-6810	6	Screw-HHF
14	125-4610	2	Shim-Support
16	138-6945	1	Tube ASM
16:1	237-22	1	O-Ring
17	138-6943	1	Tube ASM
17:1	237-30	1	O-Ring
18	138-6944	1	Tube ASM
18:1	237-30	1	O-Ring
19	340-70	1	Nut-Lock
20	340-127	2	Nut-Bulkhead



Hydraulic Motor Assembly No. 137-5571

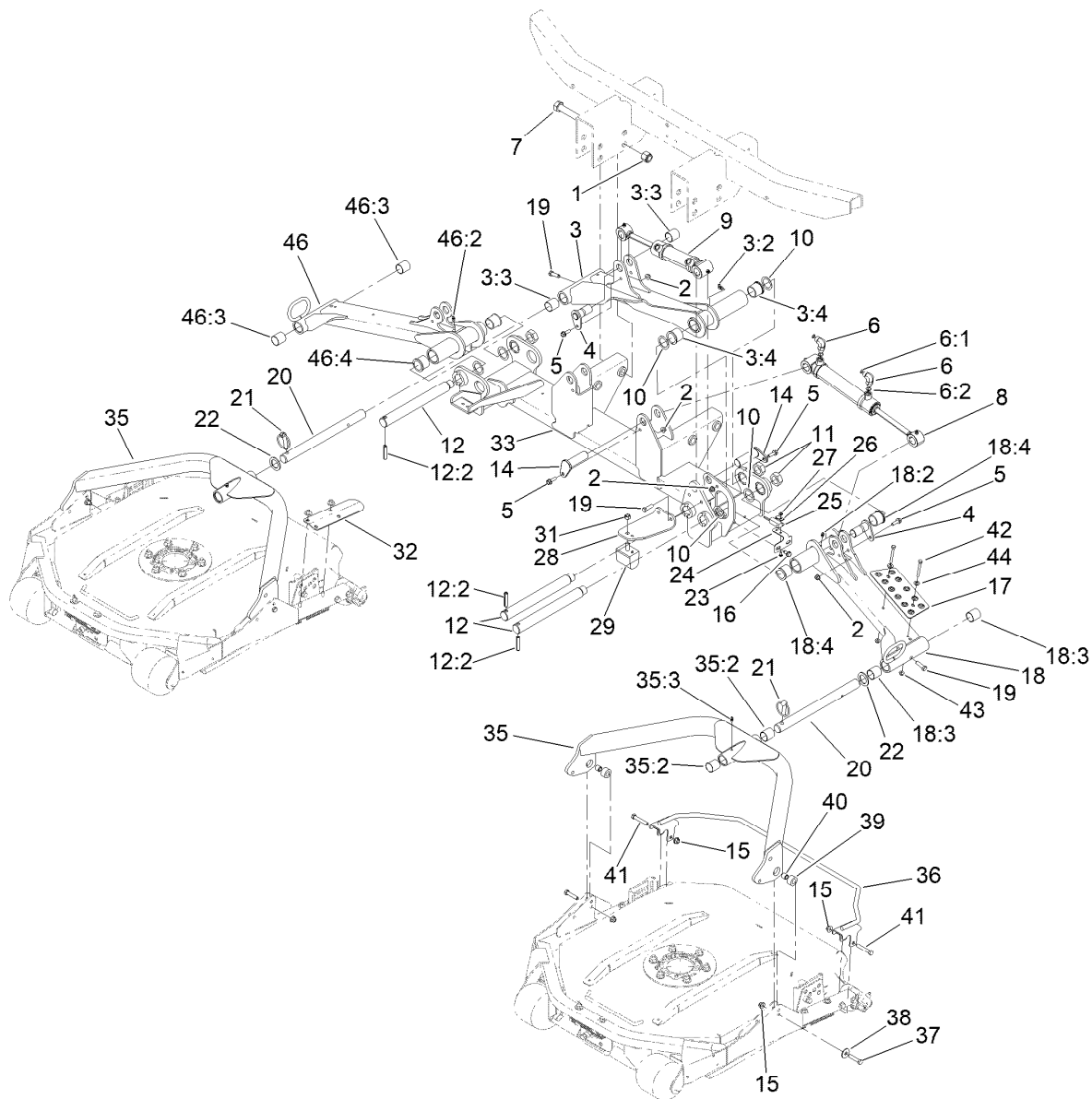
Ref.	Part Number	Qty.	Description
1	139-1019	1	Seal Kit
1:1		1	Seal-Shaft ●
1:2		2	Seal-Plate, Balancing ●
1:3		2	Seal-Anti Extrusion ●
1:4		1	O-Ring (Housing) ●
1:5		2	Seal-Square ●

● Not serviced separately



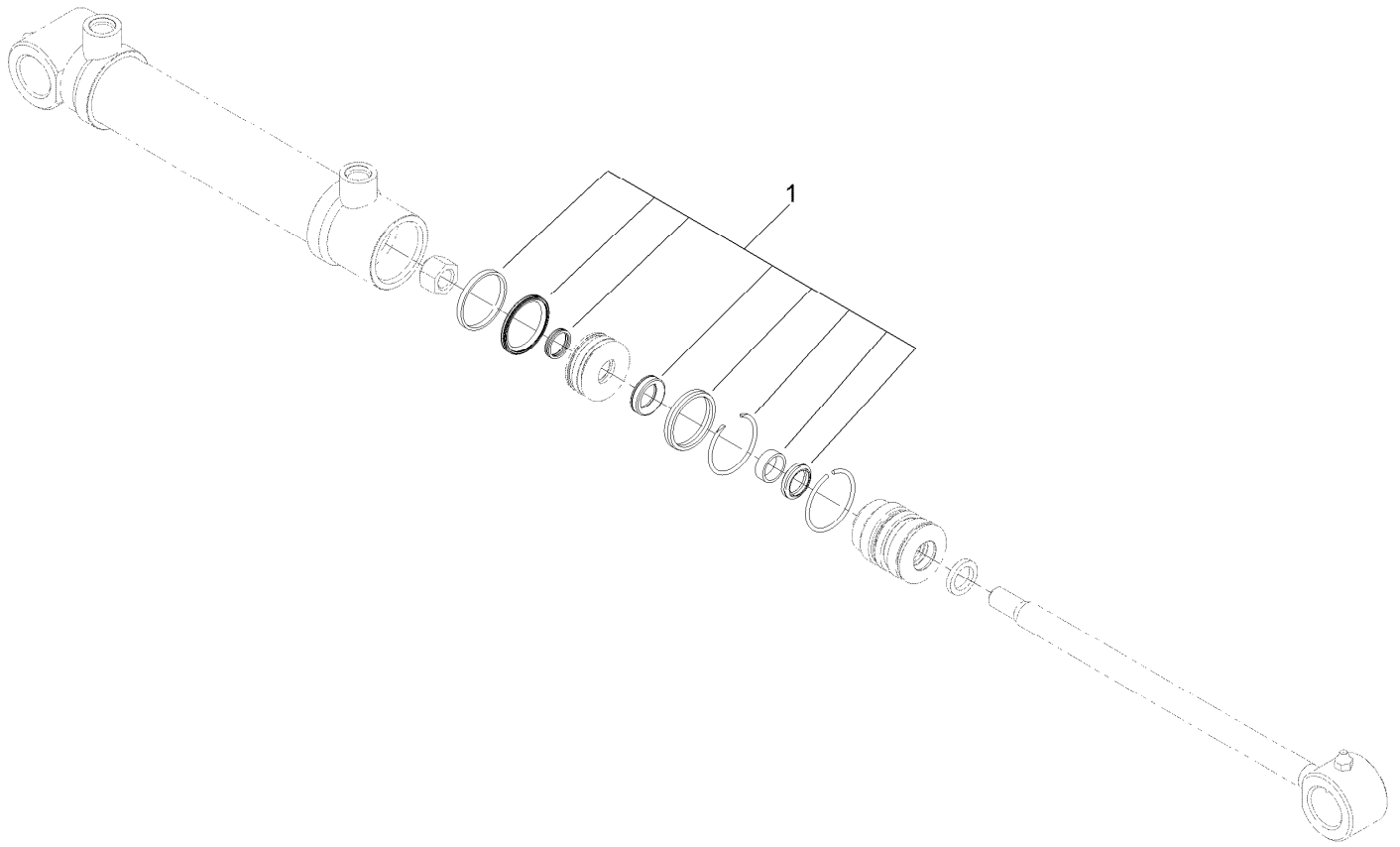
No. 1, No. 4 and No. 5 Lift Arm and Deck Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3296-51	4	Nut-Lock, NI	17	105-3987-03	1	Plate-Skid
2	119-4041	6	Nut-HF	18	136-3377	1	No.4 Liftarm ASM
3	136-3375	1	No.1 Liftarm ASM	18:2	302-5	1	Fitting-Grease
3:2	302-60	1	Fitting-Grease	18:3	108-4000	2	Bushing
3:3	108-4000	2	Bushing	18:4	104-0015	2	Bushing-Flange
3:4	104-0015	2	Bushing-Flange	19	323-7	5	Screw-HH
4	131-4201	3	Pin-Pivot	20	136-2922	3	Shaft-Carrier, Pivot
5	3234-17	6	Screw-HHF	21	3290-384	3	Pin-Lynch
6	340-77	6	Fitting-Elbow, 90 DEG	22	3-6781	3	Washer-Flat
6:1	237-22	1	O-Ring	23	104-1450	2	Bolt-CARR
6:2	237-42	1	O-Ring	24	104-5585	2	Bracket-Switch
7	328-7	4	Screw-HH	25	106-9288	2	Sensor-Proximity, Ferrous
8	127-6429	2	Lift Cylinder ASM	26	100-4872	2	Plate-Switch, Neutral
9	127-6427	1	Lift Cylinder ASM	27	32149-7	2	Nut-Keps
10	76-2980	6	Washer-Thrust	28	104-5689-03	1	Bracket-Support, Bumper
11	3296-49	3	Nut-Lock, NI	29	87-3470	2	Bumper
12	140-6431	3	Pivot Pin ASM	31	33025-00	2	Nut-Lock, NI
12:2	32121-110	1	Pin-Roll, Slotted	32	105-9831-03	2	Bracket-Bumper, No. 1
14	125-1906	3	Pin-Cylinder	33	104-5680-03	1	Frame-Carrier, Front
15	119-4042	12	Nut-HF, NI	35	136-3510	3	Carrier Frame ASM
16	32104-32	4	Screw-HWH	35:2	108-4000	2	Bushing



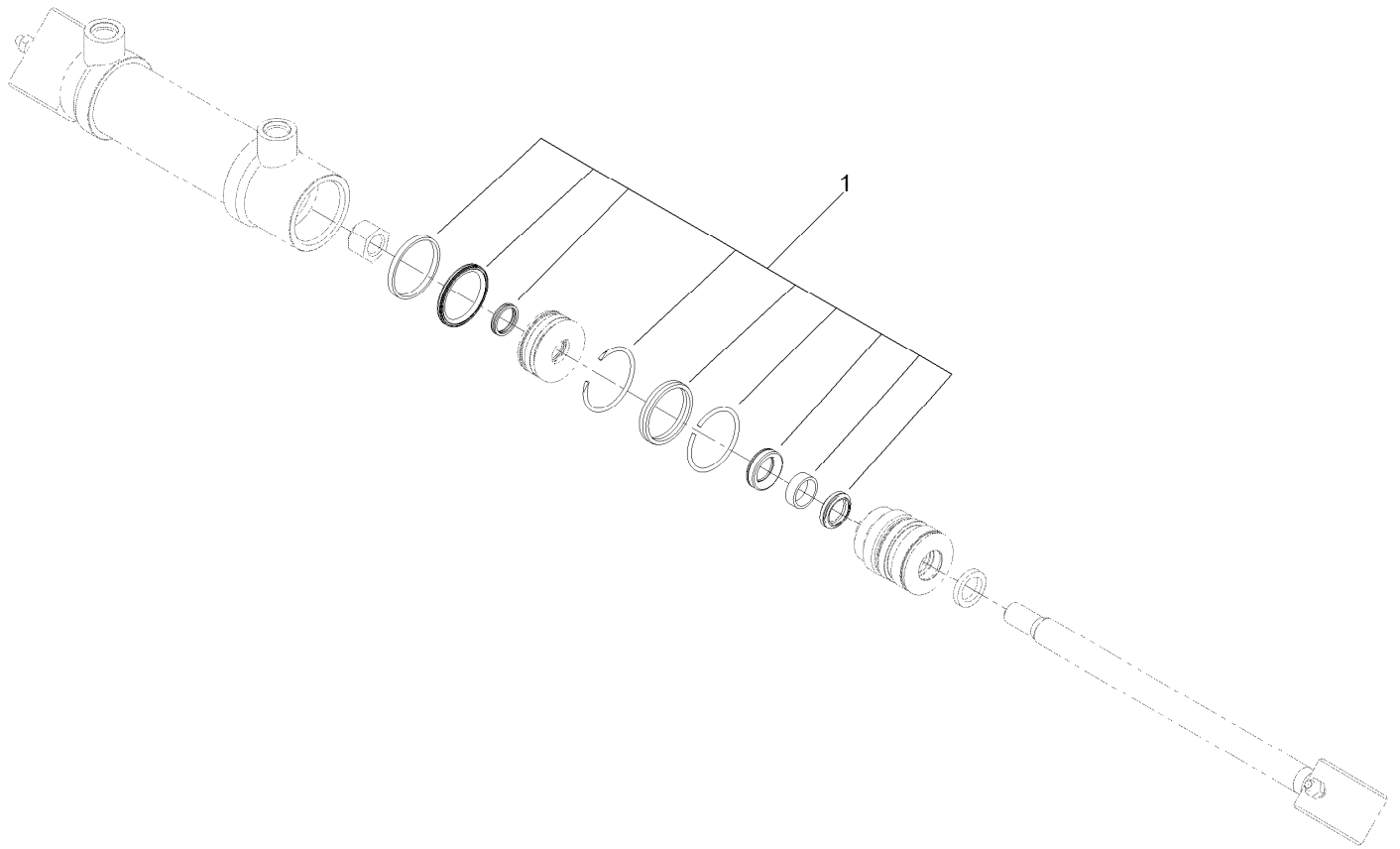
No. 1, No. 4 and No. 5 Lift Arm and Deck Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
35:3	302-5	1	Fitting-Grease	42	321-15	2	Screw-HH
36	112-9900-03	2	Guard-Foot	43	32128-33	2	Nut-HF
37	323-52	6	Screw-HH	44	3256-23	2	Washer-Plain
38	93-8806	6	Washer-Hardened	46	136-3379	1	No.5 Liftarm ASM
39	105-9823	6	Bushing-Carrier	46:2	302-5	1	Fitting-Grease
40	105-9822	6	Spacer	46:3	108-4000	2	Bushing
41	323-11	4	Screw-HH	46:4	104-0015	2	Bushing-Flange



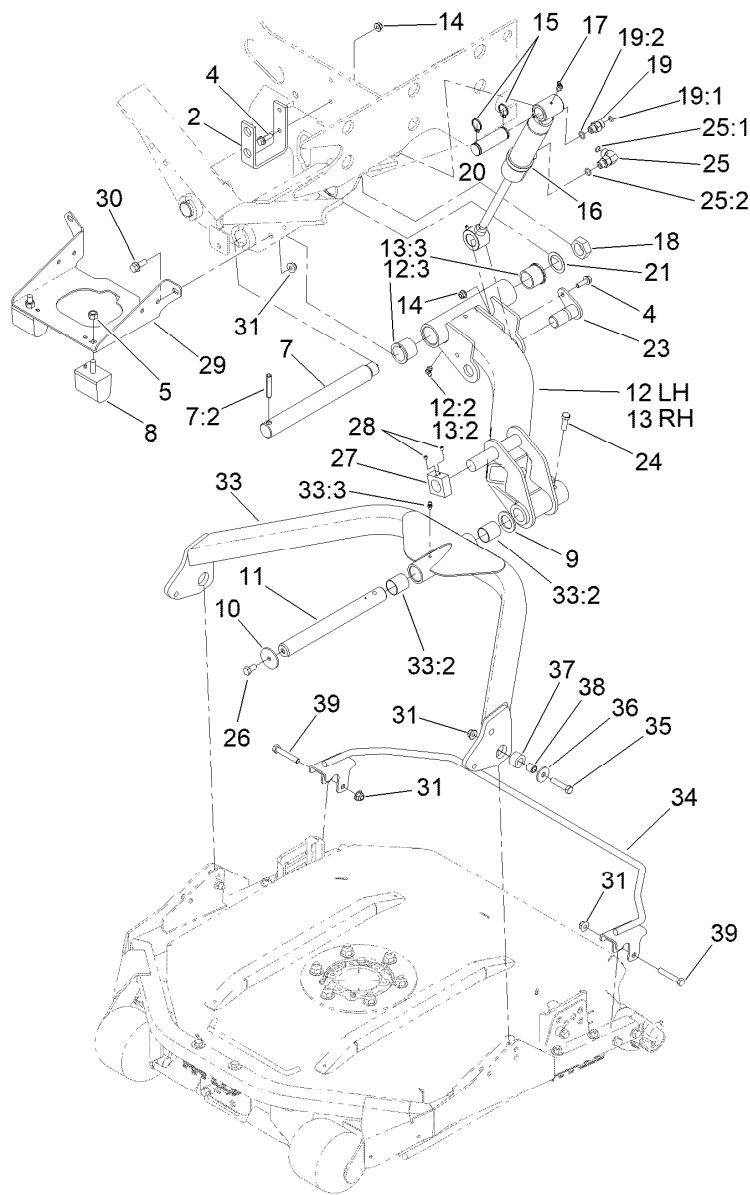
Lift Cylinder Assembly No. 127-6429

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7755	1	Cylinder Seal Kit



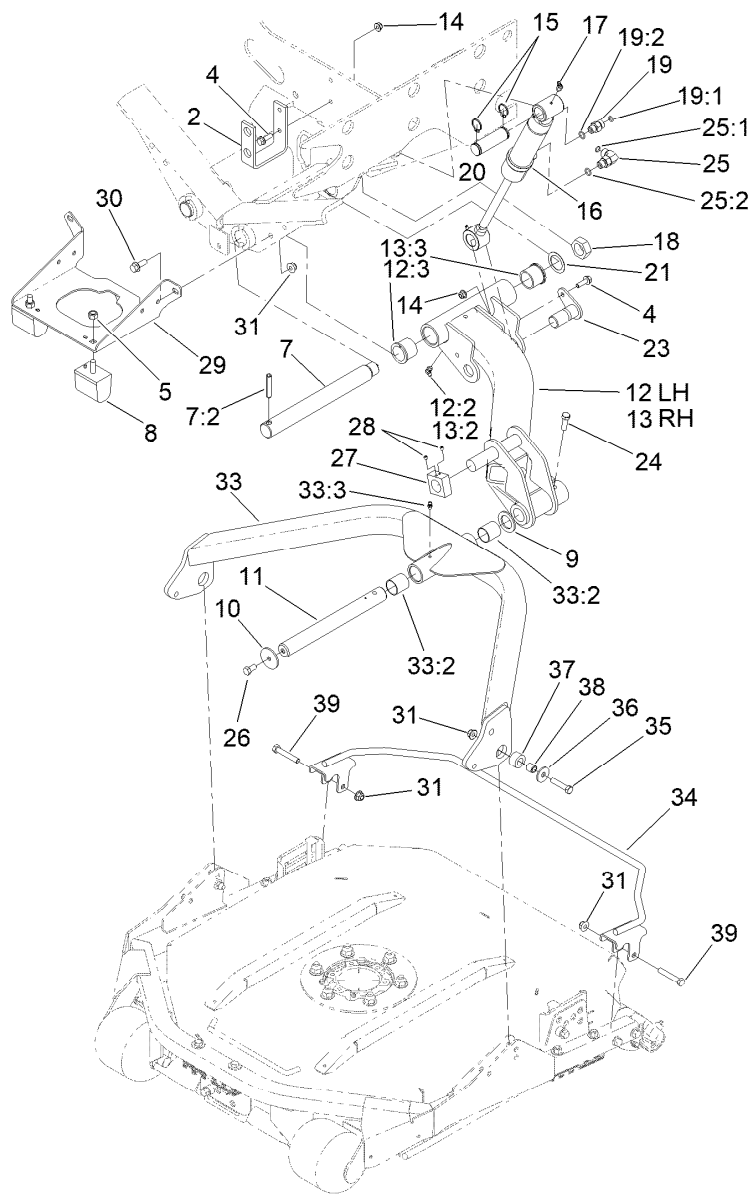
Lift Cylinder Assembly No. 127-6427

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7755	1	Cylinder Seal Kit



No. 2 and 3 Lift Arm and Deck Assembly

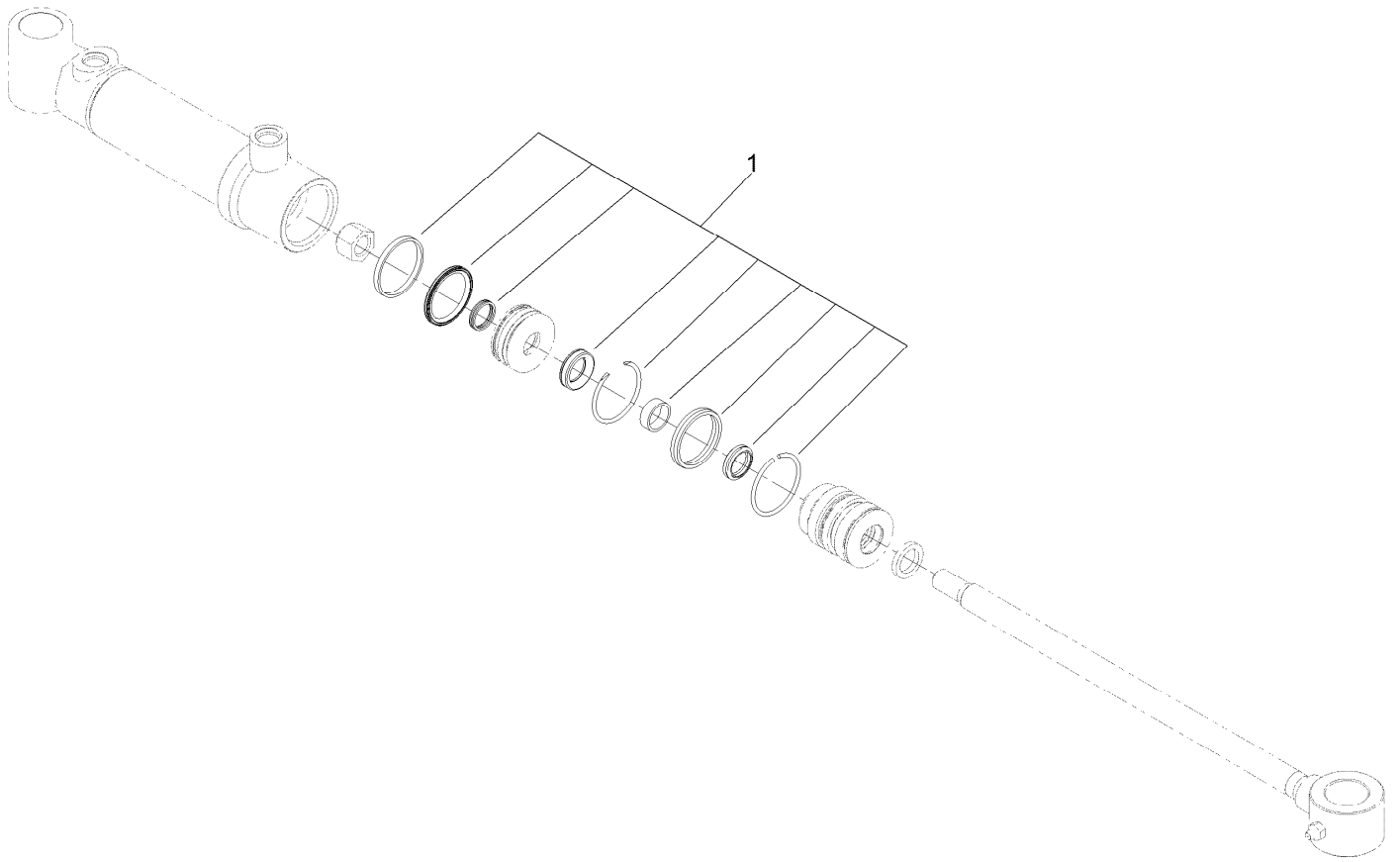
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	105-3992-0P	1	Bracket-Bulkhead	19:1	237-22	1	O-Ring
4	3234-17	4	Screw-HHF	19:2	237-42	1	O-Ring
5	33025-00	2	Nut-Lock, NI	20	92-7548	2	Pin-Cylinder
7	140-6431	2	Pivot Pin ASM	21	76-2980	2	Washer-Thrust
7:2	32121-110	1	Pin-Roll, Slotted	23	131-4201	2	Pin-Pivot
8	87-3470	2	Bumper	24	323-7	2	Screw-HH
9	3-6781	2	Washer-Flat	25	340-77	2	Fitting-Elbow, 90 DEG
10	139-1726	2	Washer-Rebound	25:1	237-22	1	O-Ring
11	105-9827	2	Shaft	25:2	237-42	1	O-Ring
12	136-3385	1	No.2 Liftarm ASM	26	323-4	2	Screw-HH
12:2	302-11	1	Fitting-Lube, 45 DEG	27	105-9839	2	Stop-Rotation, No. 2 And 3
12:3	104-0015	2	Bushing-Flange	28	3245-1	4	Screw-Set, HSH
13	136-3387	1	No. 3 Liftarm ASM	29	131-7765-0P	1	Support-Bumper, Rear
13:2	302-11	1	Fitting-Lube, 45 DEG	30	3234-11	3	Screw-HHF
13:3	104-0015	2	Bushing-Flange	31	119-4042	11	Nut-HF, NI
14	119-4041	4	Nut-HF	33	136-3510	2	Carrier Frame ASM
15	32151-36	4	Ring-Retaining	33:2	108-4000	2	Bushing
16	127-6428	2	Lift Cylinder ASM	33:3	302-5	1	Fitting-Grease
17	302-11	2	Fitting-Lube, 45 DEG	34	112-9900-03	2	Guard-Foot
18	3296-49	2	Nut-Lock, NI	35	323-52	4	Screw-HH
19	340-2	2	Fitting-Straight	36	93-8806	4	Washer-Hardened



No. 2 and 3 Lift Arm and Deck Assembly (continued)

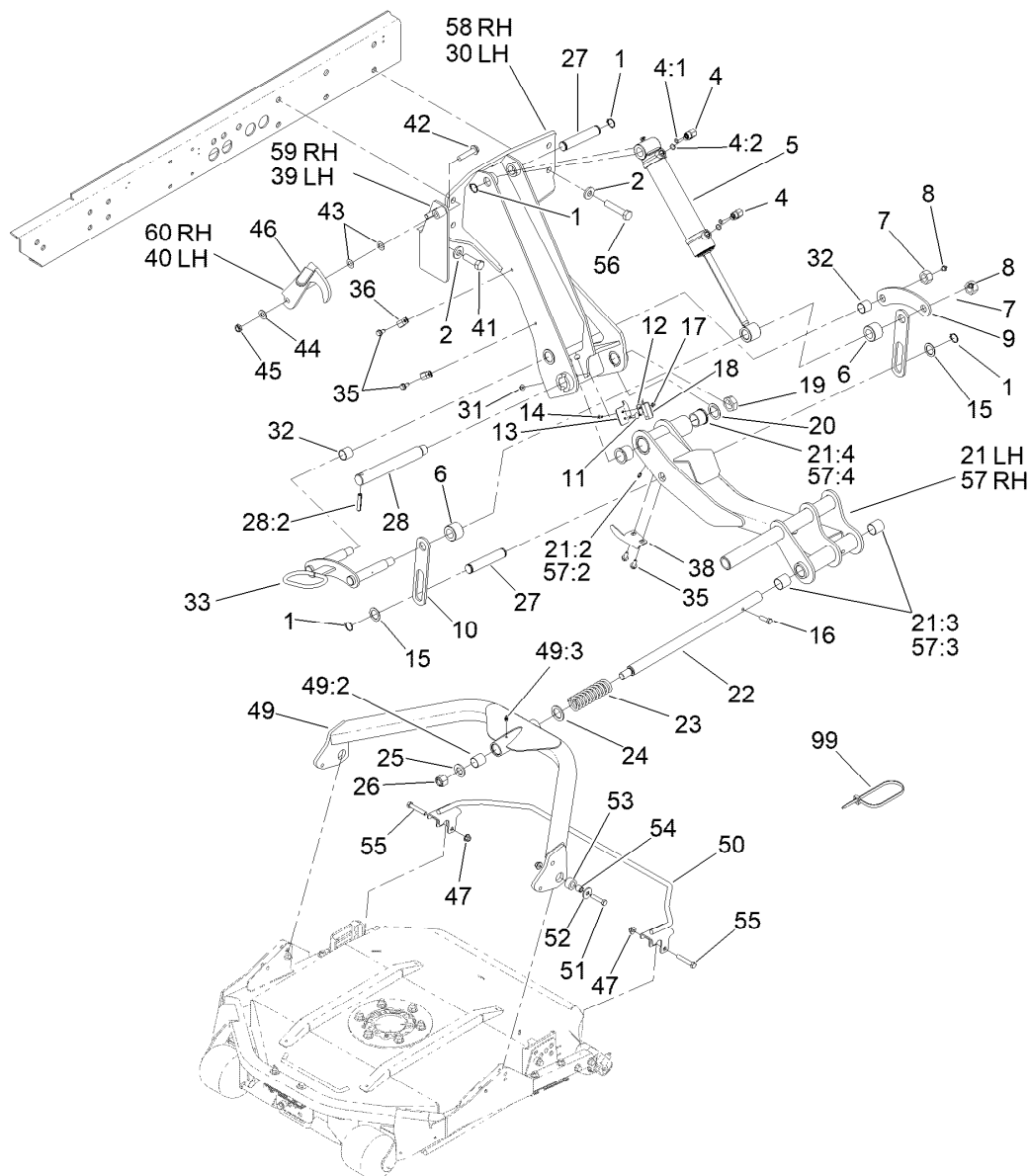
Ref.	Part Number	Qty.	Description
37	105-9823	4	Bushing-Carrier

Ref.	Part Number	Qty.	Description
38	105-9822	4	Spacer
39	323-11	4	Screw-HH



Lift Cylinder Assembly No. 127-6428

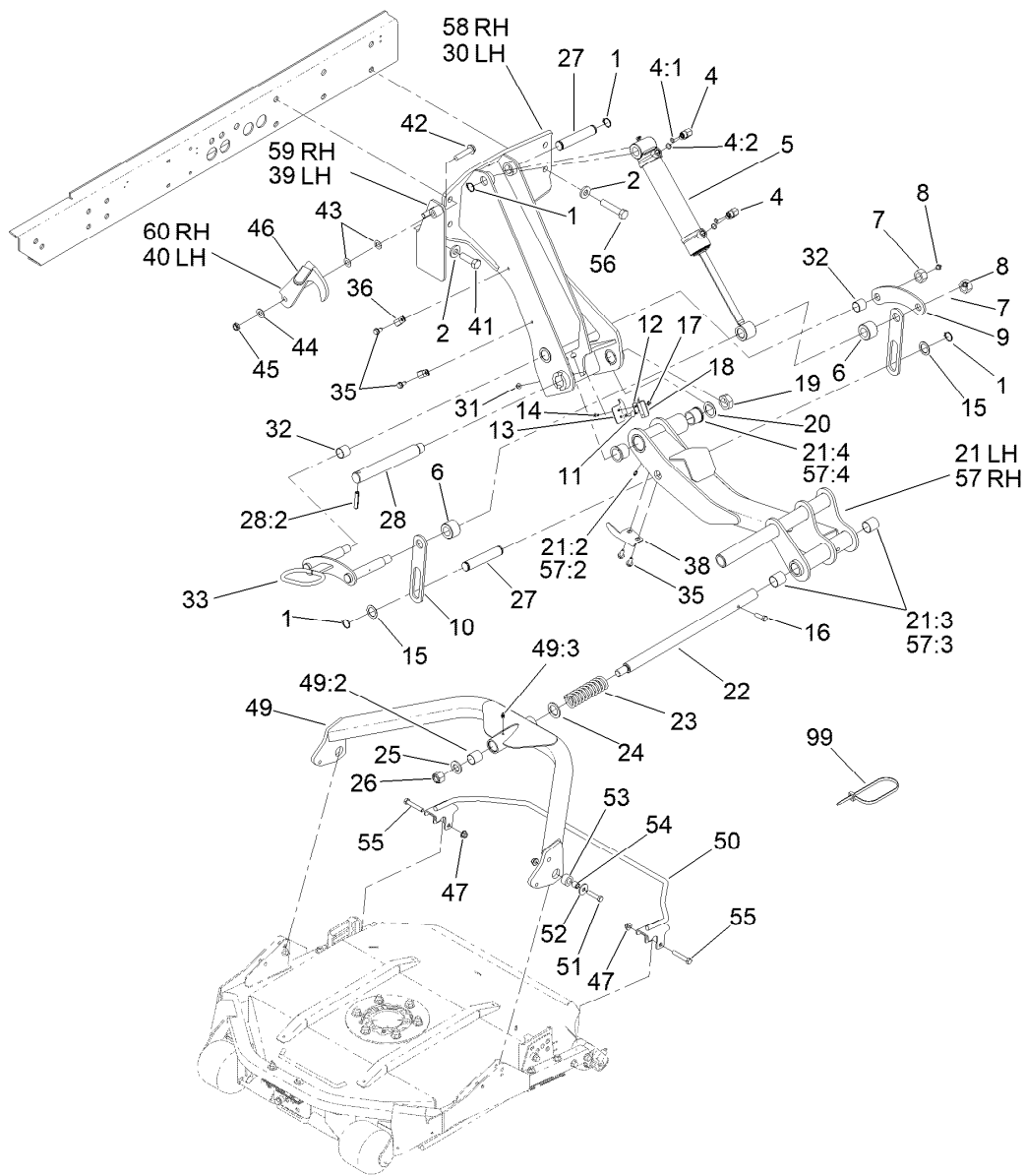
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7755	1	Cylinder Seal Kit



No. 6 and 7 Lift Arm and Deck Assembly

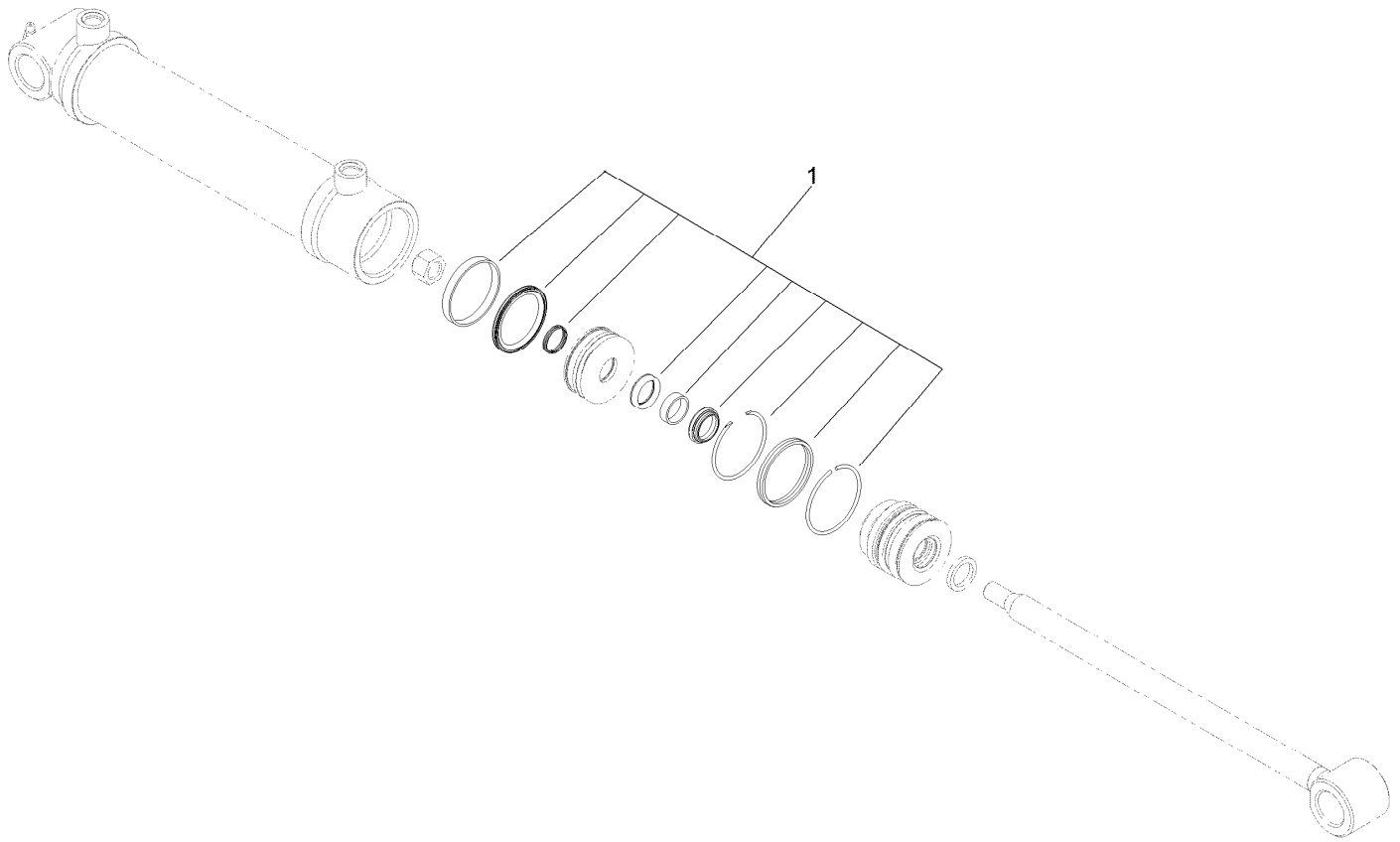
Ref.	Part Number	Qty.	Description
1	32151-36	8	Ring-Retaining
2	99-7667	12	Washer-Flat
4	340-77	4	Fitting-Elbow, 90 DEG
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	127-6430	2	Lift Cylinder ASM
6	93-2700	4	Roller-Plastic
7	33029-00	4	Nut-Lock, NI
8	302-2	4	Fitting-Grease
9	98-8821	2	Link-Rear
10	93-2704-03	4	Link-Left
11	3229-28	2	Screw-CARR
12	100-4872	2	Plate-Switch, Neutral
13	105-3858	2	Bracket-Switch
14	104-1450	2	Bolt-CARR
15	10-8110	4	Washer-Thrust
16	323-7	2	Screw-HH
17	32149-7	2	Nut-Keps
18	106-9288	2	Sensor-Proximity, Ferrous
19	3296-49	2	Nut-Lock, NI
20	76-2980	2	Washer-Thrust

Ref.	Part Number	Qty.	Description
21	136-3381	1	No.6 Liftarm ASM
21:2	302-5	1	Fitting-Grease
21:3	108-4000	2	Bushing
21:4	104-0015	2	Bushing-Flange
22	108-4022	2	Shaft-Carrier, Pivot
23	105-3999	2	Spring-Compression
24	3-6781	2	Washer-Flat
25	3256-28	2	Washer-Flat
26	3296-50	2	Nut-Lock, NI
27	93-2699	4	Pin
28	147-6067	2	Pivot Pin ASM
28:2	32121-110	1	Pin-Roll, Slotted
30	104-5657-03	1	No. 6 Support Arm ASM
31	32128-33	2	Nut-HF
32	161-8354	4	Bushing-CYL
33	115-1577-03	2	Link ASM
35	32104-32	8	Screw-HWH
36	2412-93	4	Clamp-R
38	105-9828	2	Actuator-Switch
39	108-4045-03	1	Latch-Arm, LH
40	119-8637-03	1	Latch-Deck, RH



No. 6 and 7 Lift Arm and Deck Assembly (continued)

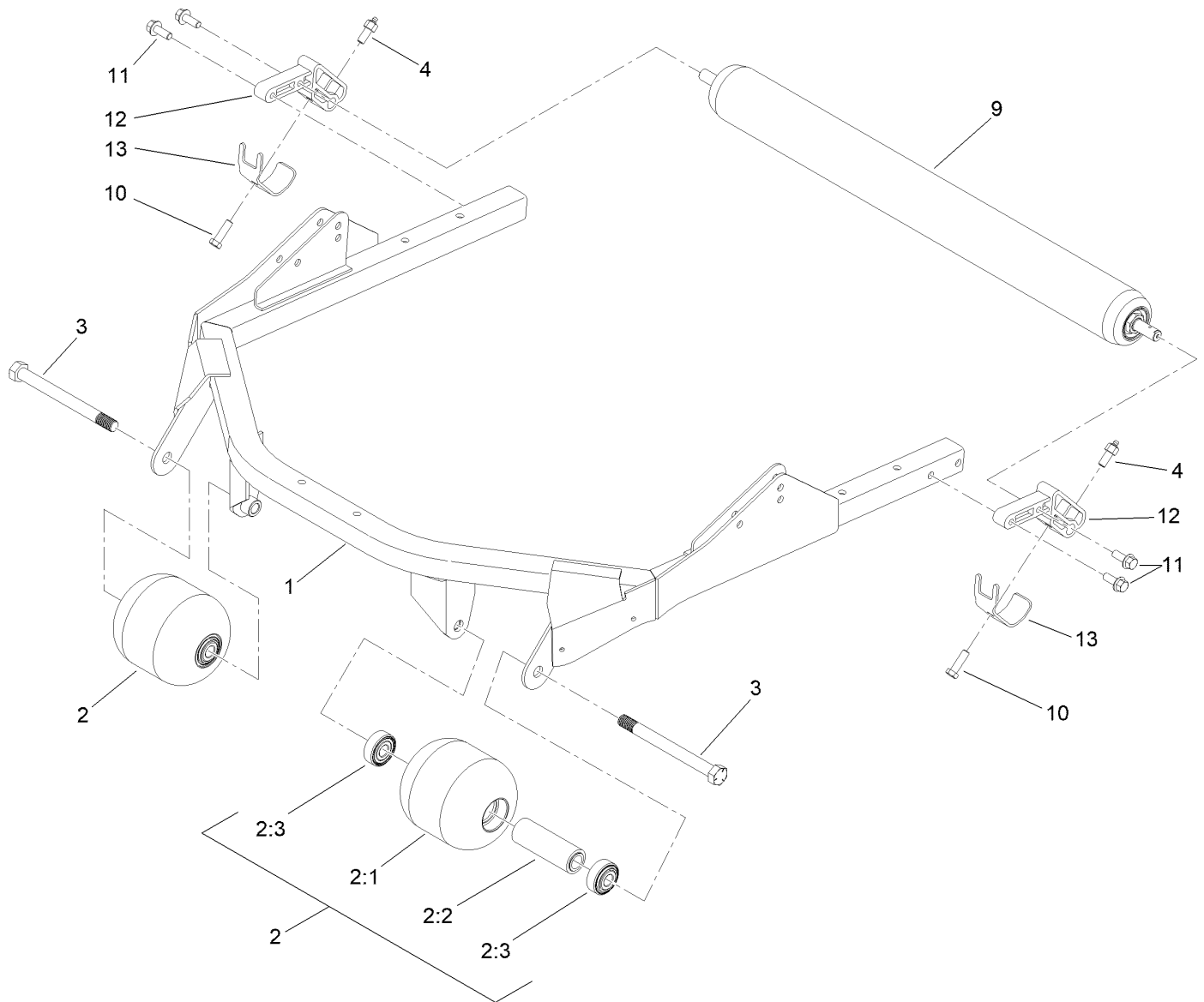
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
41	327-6	10	Screw-HH	53	105-9823	4	Bushing-Carrier
42	3234-46	2	Screw-HHF	54	105-9822	4	Spacer
43	104-3577	4	Washer	55	323-11	4	Screw-HH
44	3256-26	2	Washer-Flat	56	115-4841	2	Screw-HH
45	3296-45	2	Nut-Hex	57	136-3383	1	No.7 Lift Arm ASM
46	48-7081	2	Grip-Plastic	57:2	302-5	1	Fitting-Grease
47	119-4042	8	Nut-HF, NI	57:3	108-4000	2	Bushing
49	136-3510	2	Carrier Frame ASM	57:4	104-0015	2	Bushing-Flange
49:2	108-4000	2	Bushing	58	104-5658-03	1	No. 7 Support Arm ASM
49:3	302-5	1	Fitting-Grease	59	108-4046-03	1	Latch-Arm, RH
50	112-9900-03	2	Guard-Foot	60	119-8636-03	1	Latch-Deck, LH
51	323-52	4	Screw-HH	99	3290-378	2	Tie-Cable
52	93-8806	4	Washer-Hardened				



Lift Cylinder Assembly No. 127-6430

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7757	1	Cylinder Seal Kit

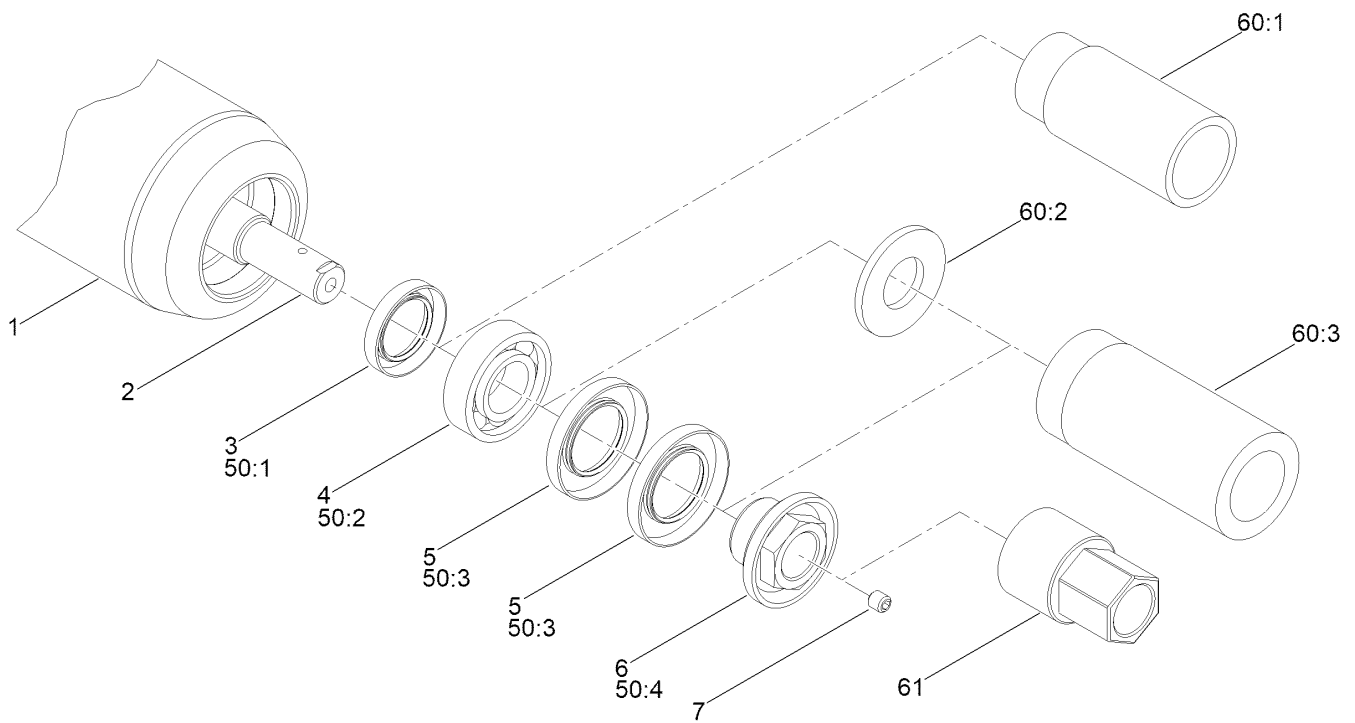
Roller and Carrier Frame Assembly



Roller and Carrier Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-5780-03	1	Frame-Deck	4	127-6422	2	Screw-Grease, Roller
2	136-2908	2	Roller ASM	9	137-6141	1	Rear Roller ASM
2:1	104-1093	1	Roller	10	323-7	2	Screw-HH
2:2	100-5762	1	Spacer-Bearing	11	3234-11	4	Screw-HHF
2:3	120-3366	2	Bearing	12	112-5268	2	Mount-Roller
3	136-2924	2	Screw-HH	13	107-7816	2	Bracket-Skid

Rear Roller Assembly No. 137-6141



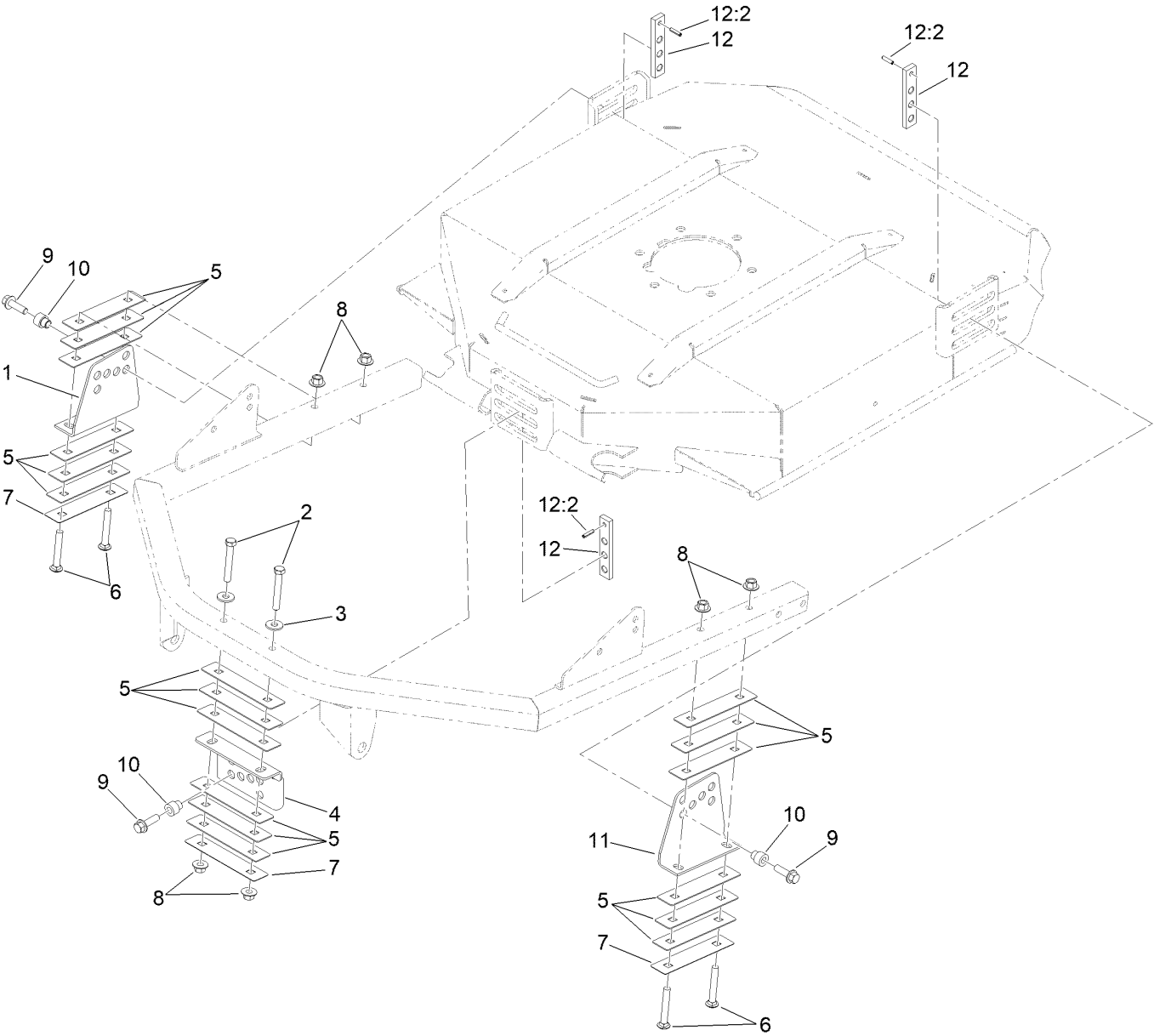
50 = 50:1 - 50:4

60 = 60:1 - 60:3

Rear Roller Assembly No. 137-6141 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	137-6140	1	Tube-Roller	50:2	112-5290	2	Bearing-Steel, Stainless
2	117-5100	1	Shaft-Roller, Rear	50:3	112-7494	4	Seal
3	114-3717	2	Seal-Oil	50:4	114-5411	2	Nut-Lock, Bearing
4	112-5290	2	Bearing-Steel, Stainless	60	115-0803	1	Rm/Gm Roller Rebuild Tool Kit
5	112-7494	4	Seal	60:1	115-0852	1	Tool-Inner Seal
6	147-0701	2	Nut-Lock, Bearing	60:2	107-8133	1	Washer-Flat
7	108-0989	2	Screw-Set	60:3	115-0853	1	Tool-Bearing/Outer Seal
50	114-5430	1	Roller Rebuild Kit	61	147-1132	1	Tool-Drive, Roller Nut
50:1	114-3717	2	Seal-Oil				

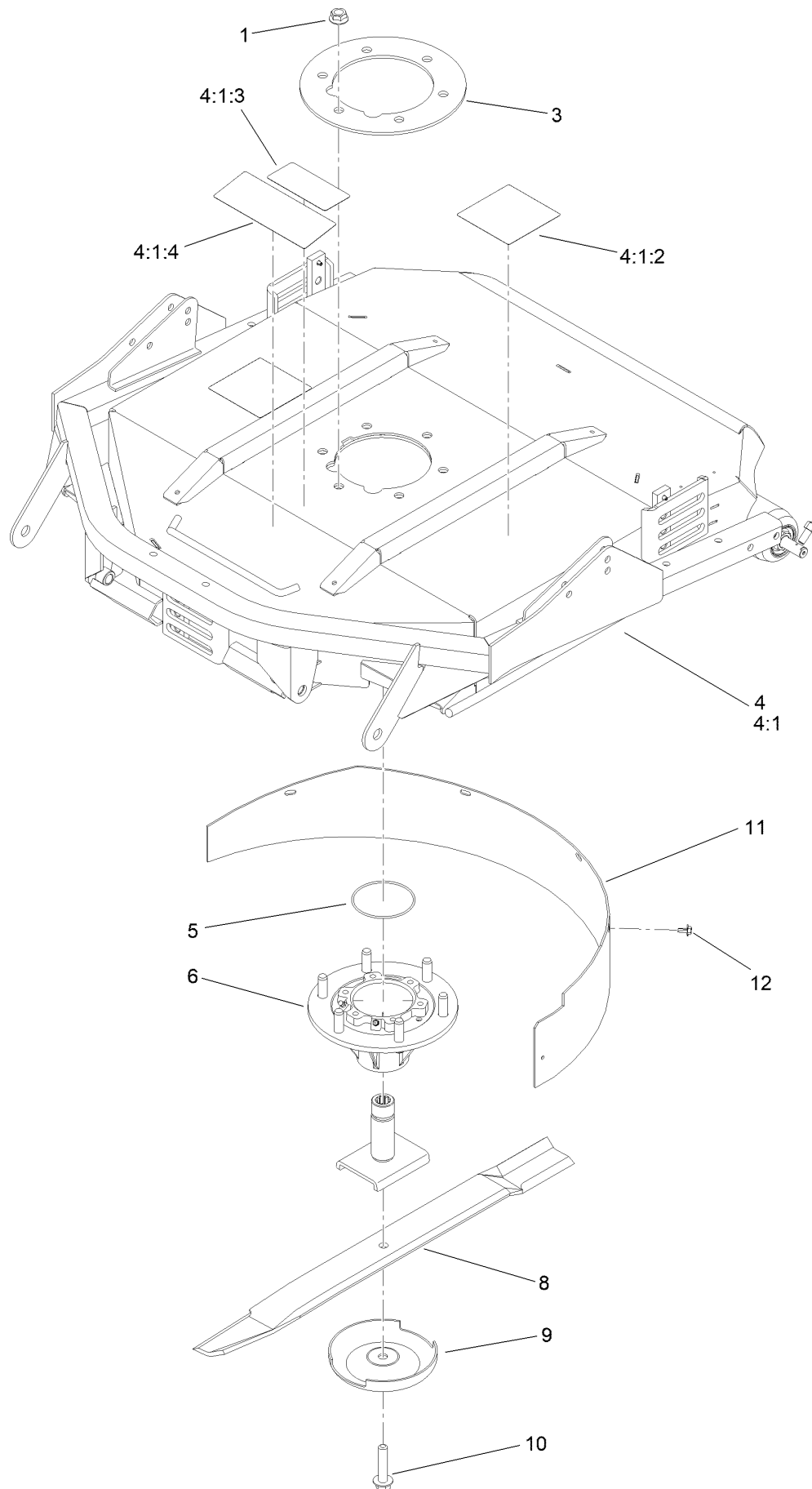
Height-of-Cut Bracket Assembly



Height-of-Cut Bracket Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-5797-03	1	Bracket-HOC, RH	8	32128-43	6	Nut-Flange
2	323-12	2	Screw-HH	9	3234-24	3	Screw-HHF
3	80-6990	2	Washer-Hardened	10	121-3575	3	Spacer-HOC
4	104-1052-03	1	Bracket-HOC, Front	11	104-4624-03	1	Bracket-HOC, LH
5	100-5799	18	Shim-HOC, .060 Inch	12	136-2921	3	HOC Plate ASM
6	3231-9	4	Screw-CARR	12:2	32121-2	1	Pin-Roll, Slotted
7	104-4641	3	Shim-HOC, .030 Inch				

Chamber, Blade and Spindle Assembly

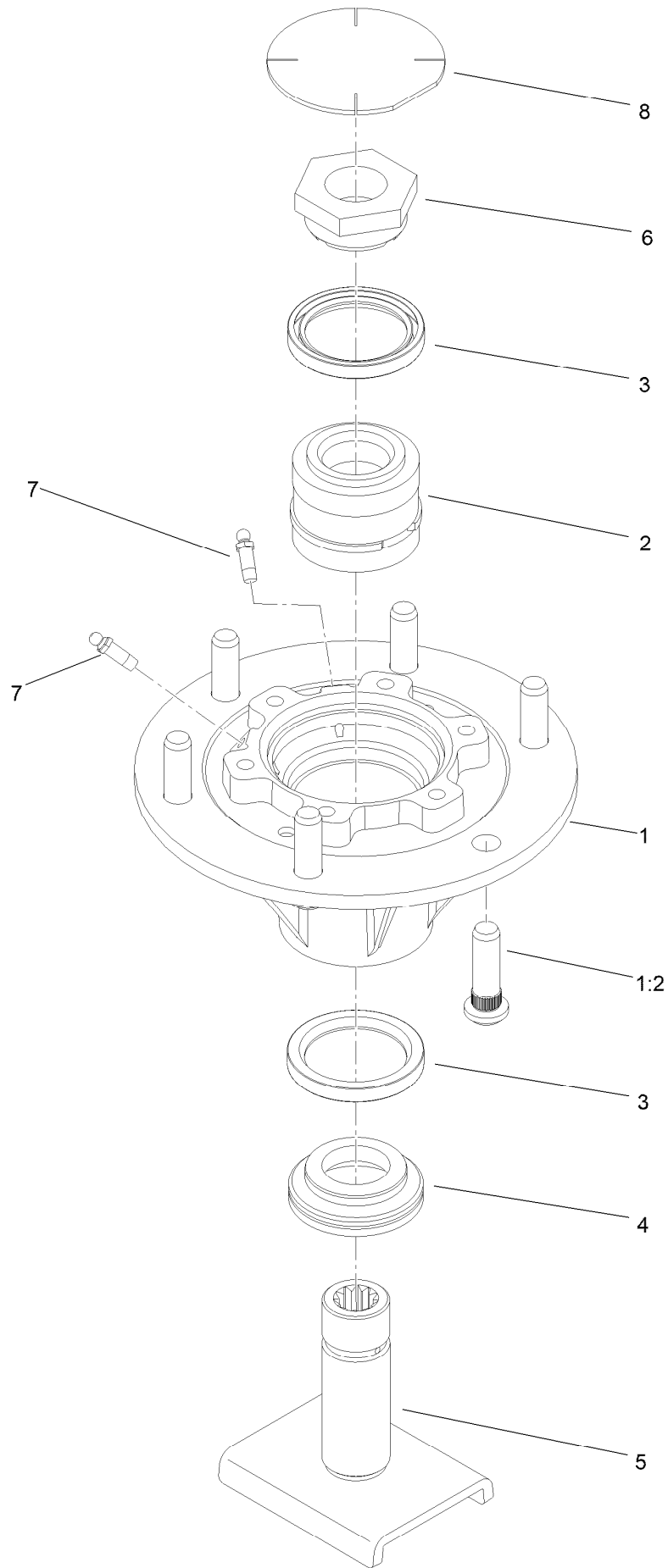


Chamber, Blade and Spindle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32128-39	6	Nut-HF	6	121-3666	1	Spindle ASM
3	104-1051-03	1	Plate-Spindle	8	107-0235-03	1	Blade-Atomic
4	127-6389	1	Deck Chamber Service ASM	8	108-9026	1	Blade-27", Combo
4:1		1	Chamber ASM ●	9	72-9361	1	Cup-Scalp, Anti
4:1:2	117-4764	2	Decal-Danger	10	92-5816	1	Bolt-Blade
4:1:3	93-7818	1	Decal-Torque, Blade Bolt	11	108-9025-01	1	Baffle-Mulching
4:1:4	121-3627	1	Decal-Height Of Cut	12	46-8560	5	Screw-HHFTF
5	237-161	1	O-Ring				

● Not serviced separately

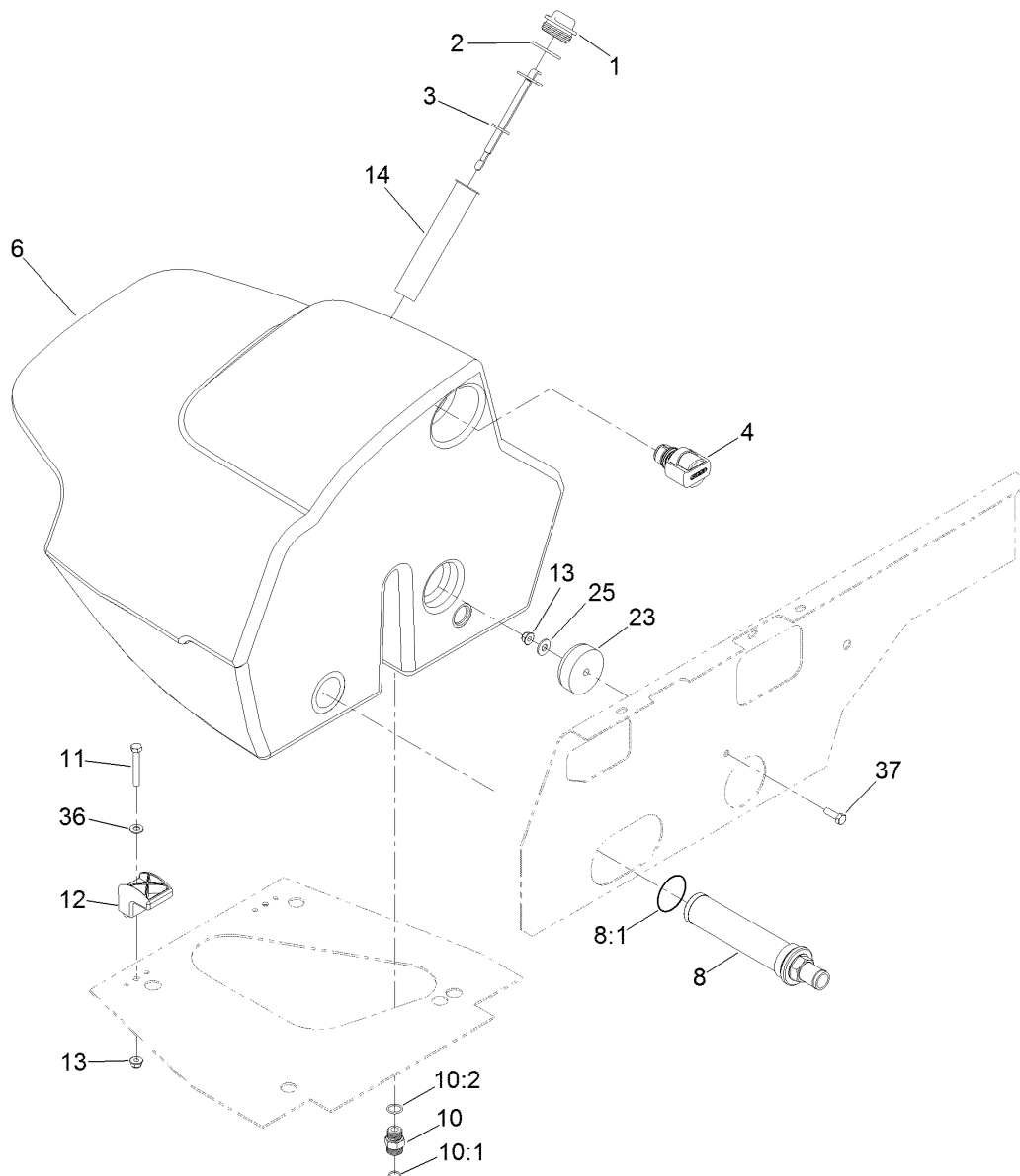
Spindle Assembly No. 121-3666



Spindle Assembly No. 121-3666 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-3434	1	Spindle
1:2	10-6830	6	Stud-Type, Drive
2	100-5703	1	Spacer And Bearing ASM
3	253-154	2	Seal-Oil
4	138-6416	1	Spacer-Spindle, Shaft

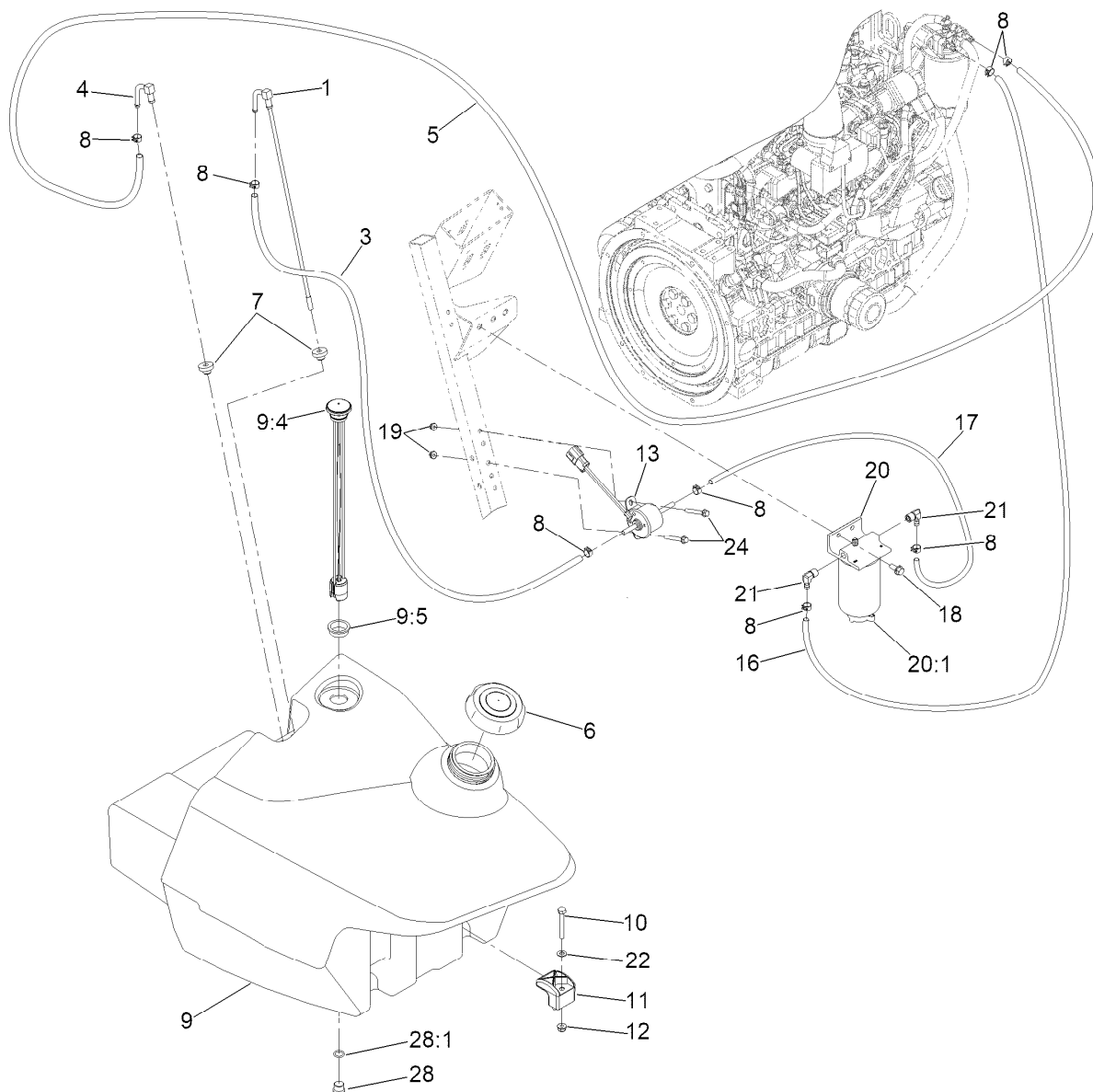
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	121-3664	1	Spindle Shaft ASM
6	100-5709	1	Nut-Spindle, Spcl
7	302-62	2	Fitting-Grease
8	94-2703	1	Plug



Hydraulic Tank Assembly

Ref.	Part Number	Qty.	Description
1	93-7498	1	Plug-Plastic
2	237-101	1	O-Ring
3	119-6968	1	Dipstick-Oil
4	115-9793	1	Breather
6	119-0017	1	Tank-HYD
8	104-7546	1	Tank Strainer ASM
8:1	340-136	1	O-Ring
10	340-4	1	Fitting-Straight
10:1	237-30	1	O-Ring

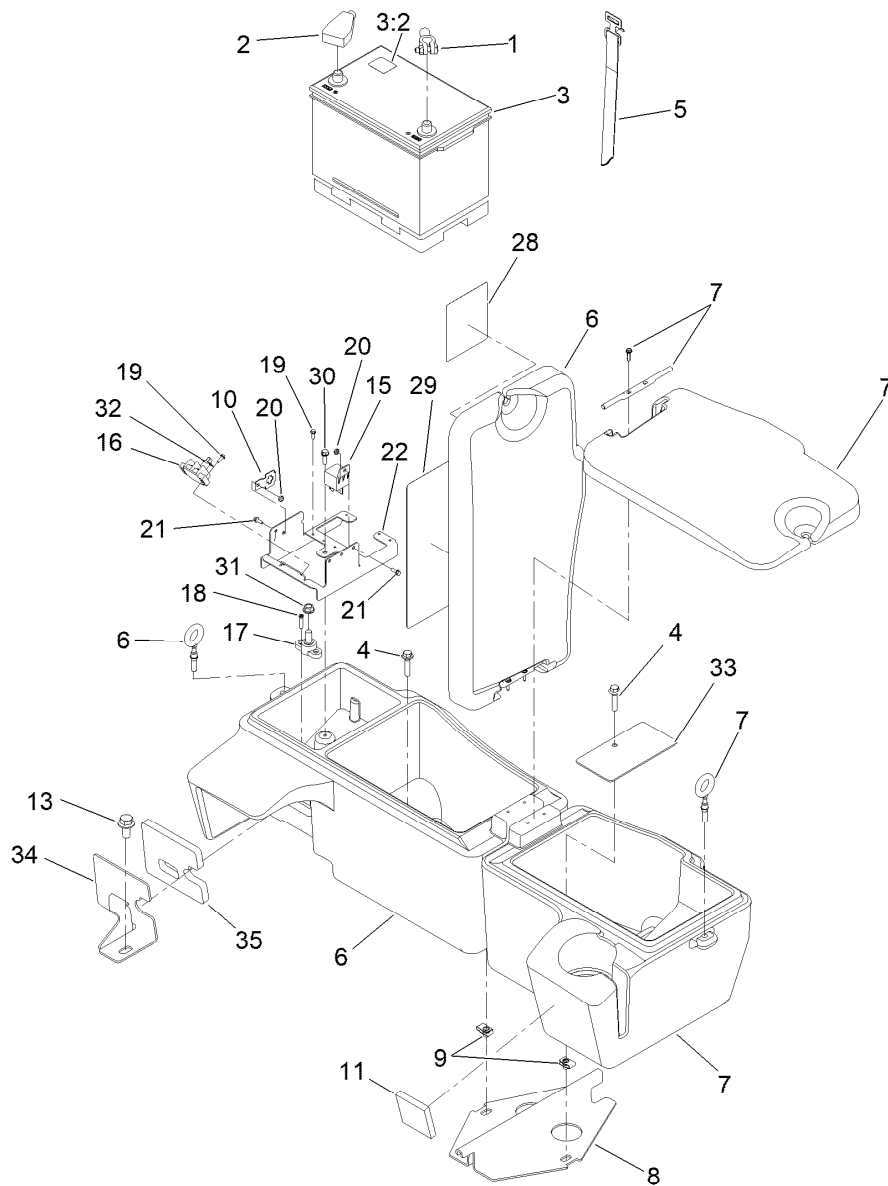
Ref.	Part Number	Qty.	Description
10:2	237-79	1	O-Ring
11	322-11	2	Screw-HH
12	107-4543	2	Clamp
13	119-4041	3	Nut-HF
14	61-2790	1	Filter-Screen
23	108-1605	1	Bumper-Recess
25	3256-3	1	Washer-Flat
36	3256-23	2	Washer-Plain
37	322-5	1	Screw-HH



Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	115-4354	1	Tube-Suction, Fuel
3	110-8802	1	Hose-Fuel
4	121-3127	1	Fitting-Return
5	119-0577	1	Hose-Fuel
6	125-9172	1	Cap-Fuel, Diesel, Ultra Low Sulfur
7	46-6560	2	Bushing
8	92-2379	8	Clamp-Hose
9	115-4353	1	Fuel Tank ASM
9:4	117-4790	1	Guage-Fuel
9:5	95-8972	1	Grommet
10	322-11	2	Screw-HH
11	107-4543	2	Clamp

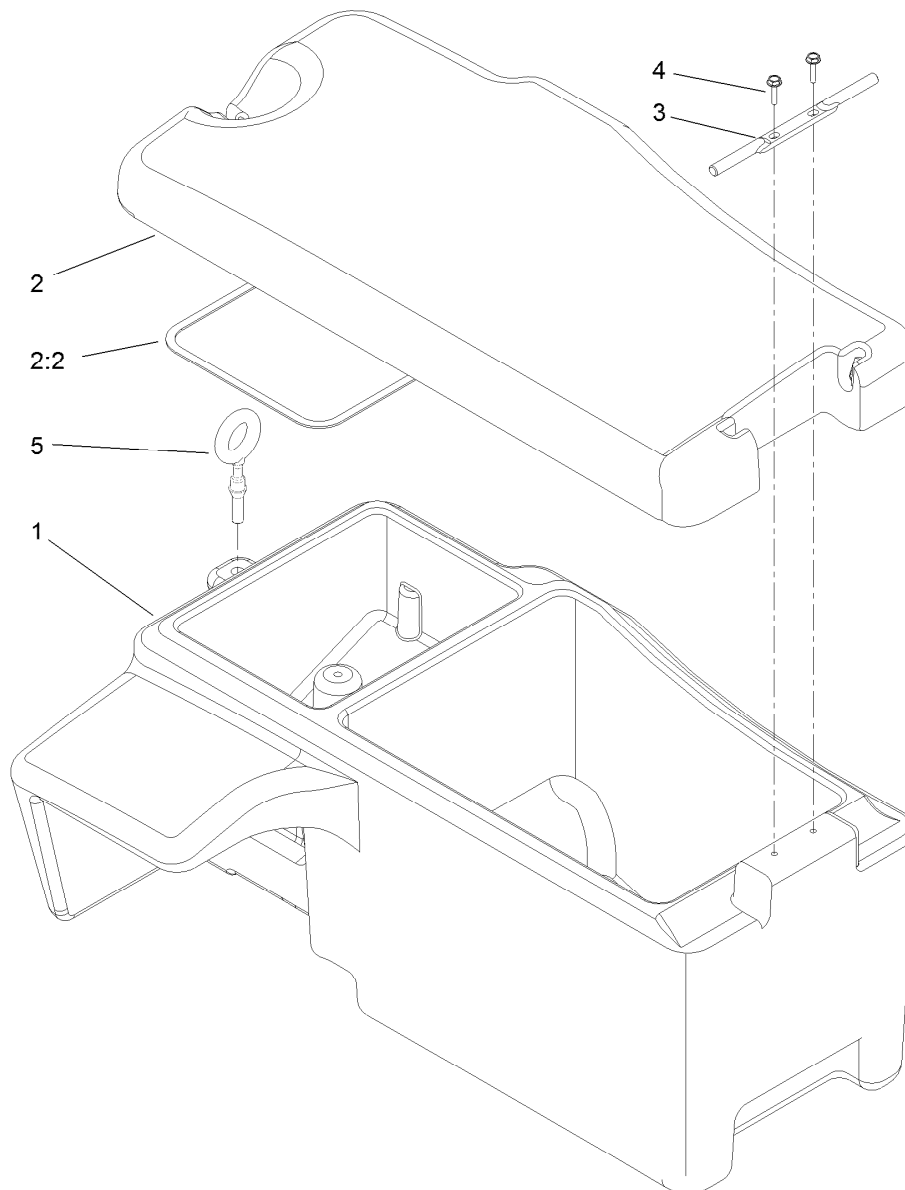
Ref.	Part Number	Qty.	Description
12	119-4041	2	Nut-HF
13	121-5613	1	Pump-Fuel, Electric
16	110-6186	1	Hose-Fuel
17	110-4113	1	Hose-Fuel
18	3234-5	2	Screw-HHF
19	104-7201	2	Nut-HF, NI
20	125-2914	1	Filter-Separator
20:1	125-2915	1	Filter-Fuel/Water Separator
21	353-781	2	Fitting-HYD, 90
22	3256-23	2	Washer-Plain
24	3234-34	2	Screw-HHF
28	353-989	1	Plug-Hex, Hollow
28:1	237-42	1	O-Ring



Battery Mount Assembly

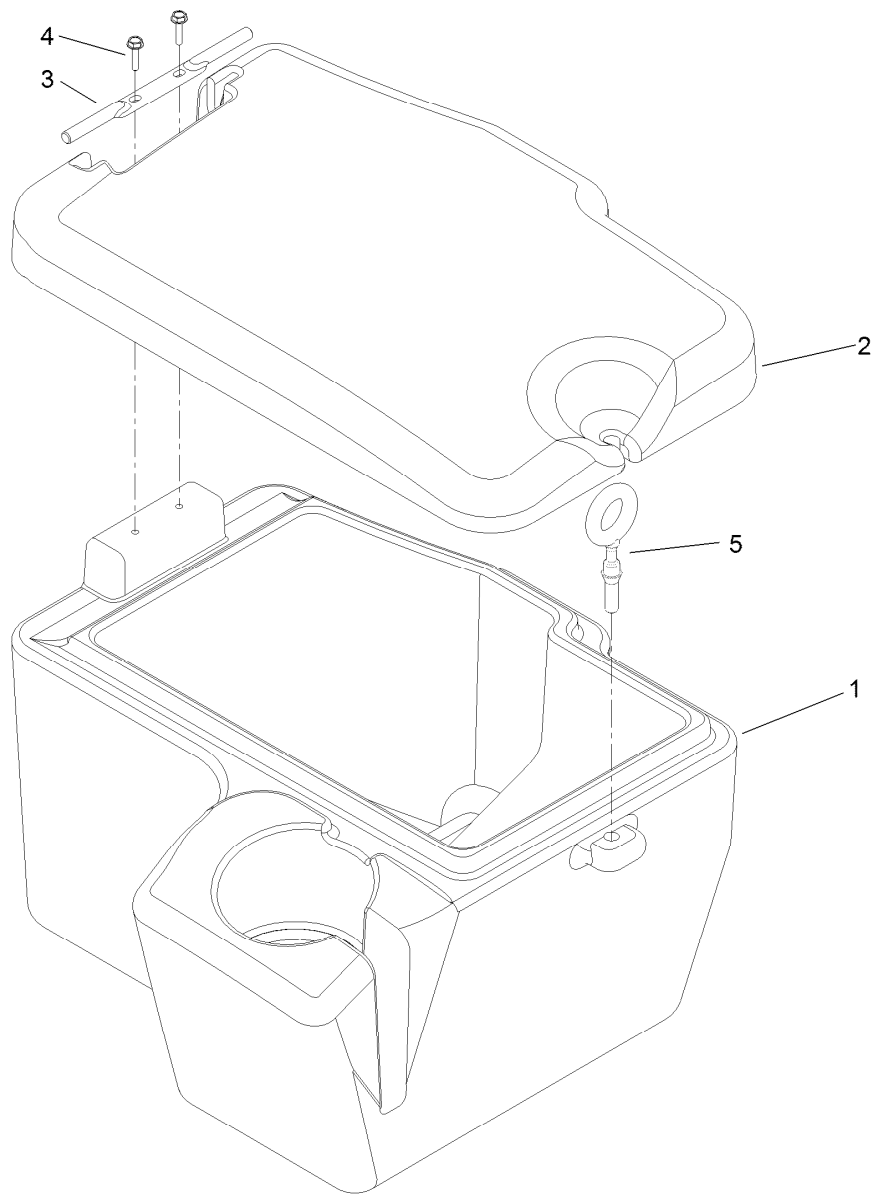
Ref.	Part Number	Qty.	Description
1	117-2377	1	Cable-Battery, Negative
2	121-6589	1	Cable-Battery, Positive
3	139-1005	1	Battery Kit
3:2	139-1006	1	Decal
4	115-1794	2	Screw-HHF
5	3339-175	1	Strapping-Web
6	115-9100	1	Box-Storage, Battery
7	115-9101	1	Box-Storage
8	115-4387-0P	1	Support-Box, Storage
9	112-3306	2	Nut
10	114-5502	1	Clip-Fuse
11	117-4783	2	Seal-Foam
13	3234-6	1	Screw-HHF
15	99-7435	3	Relay
16	42862	1	Block-Terminal, Ground

Ref.	Part Number	Qty.	Description
17	110-8822	1	Block-Junction
18	93-0231	2	Screw-PPH
19	32144-87	6	Screw-HWHTF
20	3296-54	4	Nut-Lock
21	112-3169	4	Screw-HHF, Serrated
22	115-4356-0P	1	Mount-Fuse Blocks
28	145-5257	1	Decal-Fuse, Gm45/4700
29	136-3711	1	Decal-Service
30	46-8091	1	Screw-HWH
31	3290-357	1	Nut-HSF
32	42863	1	Strip-Jumper
33	117-4768-0P	1	Plate-Storage Box
34	117-4774-0P	1	Clamp [primed]
35	117-4775	1	Seal-Battery Box



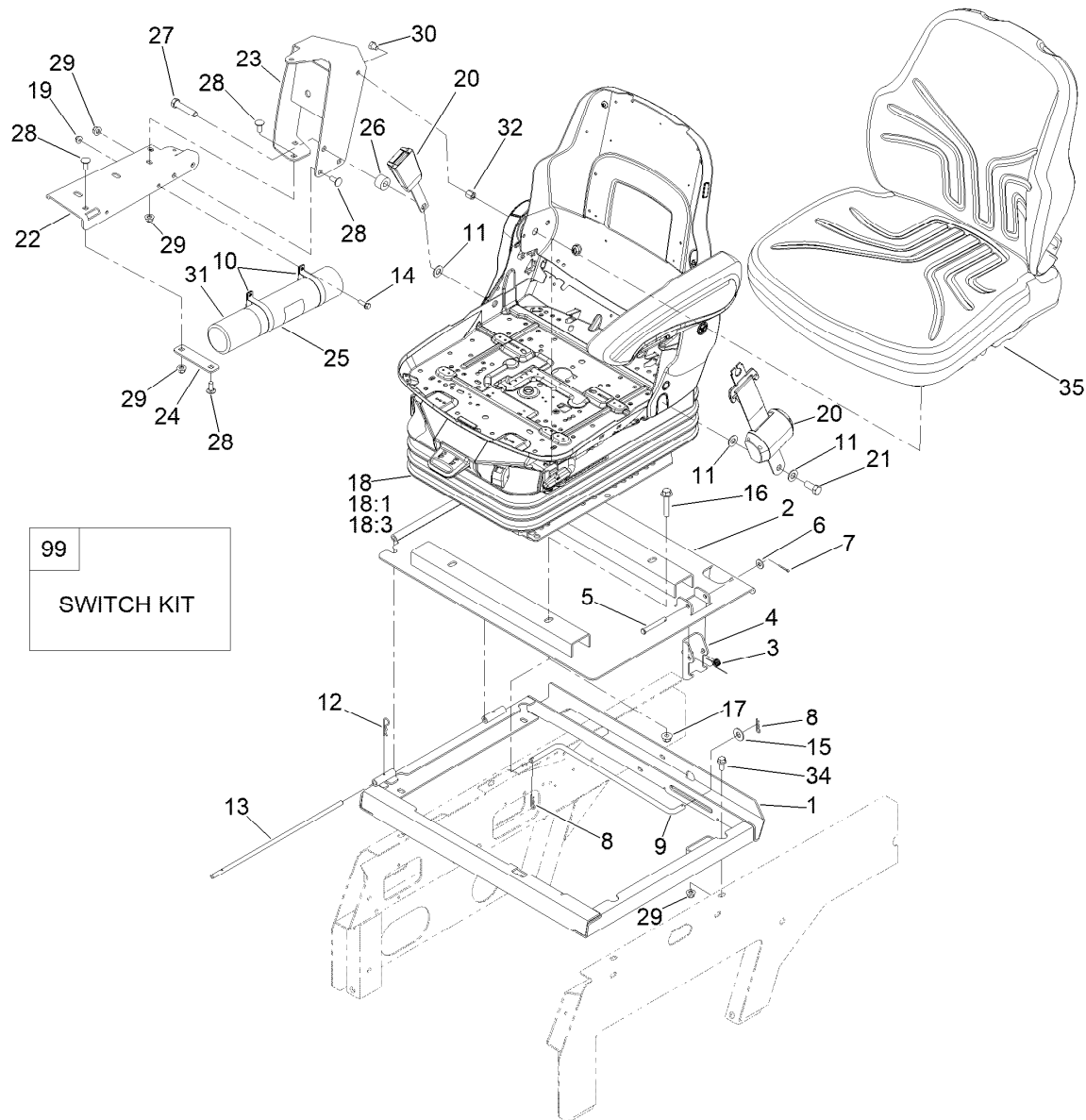
Battery Storage Box Assembly No. 115-9100

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-8124	1	Box-Storage, RH
2	115-4368	1	Cover ASM
2:2	115-4367	1	Seal-Cover
3	147-2062	1	Hinge
4	98-1375	2	Screw-HWH
5	115-4366	1	Latch-Rubber



Storage Box Assembly No. 115-9101

Ref.	Part Number	Qty.	Description
1	114-8123	1	Box-Storage, LH
2	114-8125	1	Cover-Storage Box, LH
3	147-2062	1	Hinge
4	98-1375	2	Screw-HWH
5	115-4366	1	Latch-Rubber



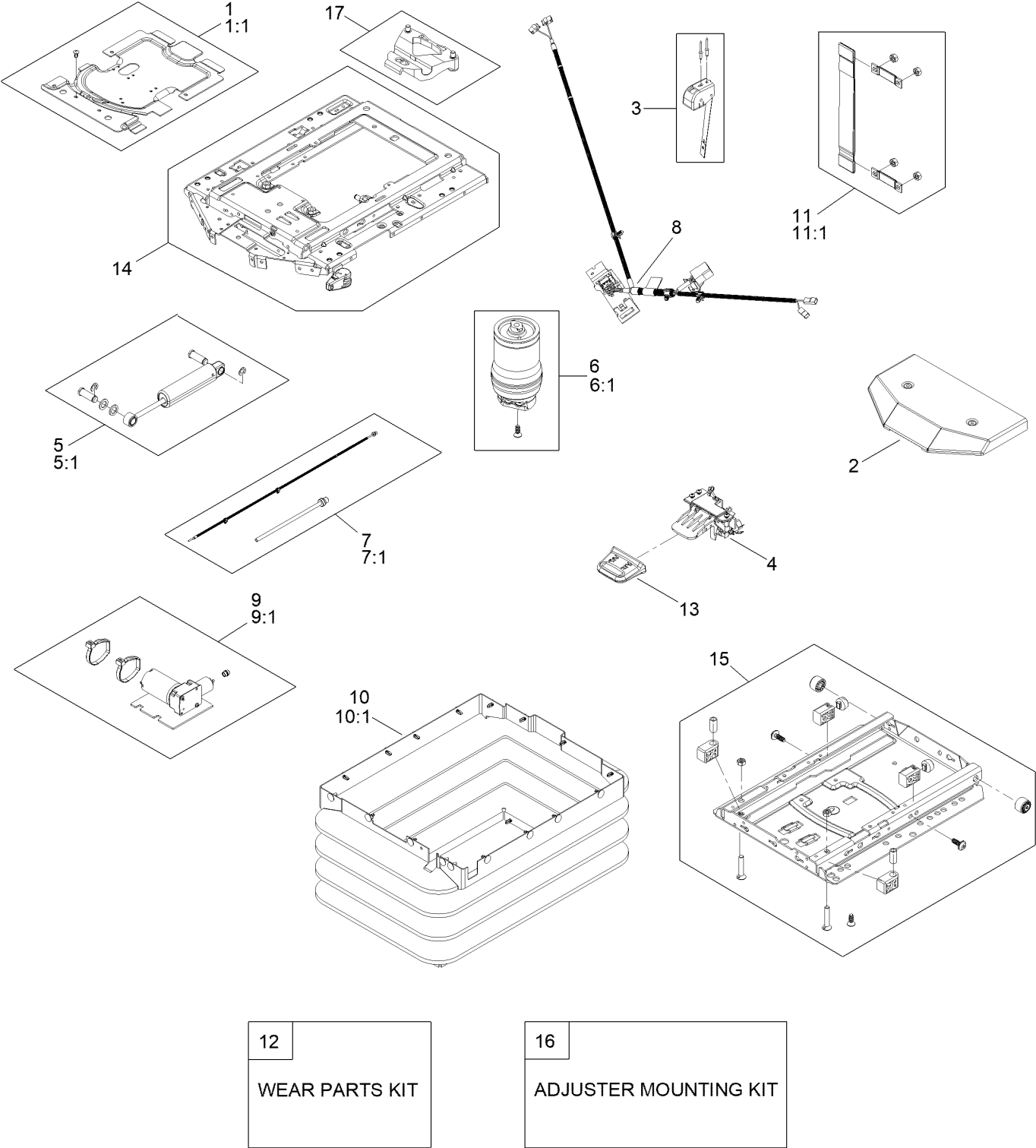
Seat Mounting Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	115-4400-03	1	Frame-Seat	18:1	130-2702	1	Air Ride Seat Suspension
2	115-4411-03	1	Plate-Seat	18:3	132-1304	1	Backrest Adjustment Kit
3	104-4821	1	Spring-Torsion	19	104-7201	2	Nut-HF, NI
4	115-4423-03	1	Latch-Seat Plate	20	110-0413	1	Seatbelt-Retractable
5	110-0618	1	Pin-Clevis	21	3212-4	1	Screw-HH
6	3256-2	1	Washer-Flat	22	119-0000-03	1	Channel-Support
7	3272-6	1	Pin-Cotter	23	117-4798-03	1	Arm-Support
8	3290-307	4	Pin-Cotter	24	112-7449	1	Strap-Support
9	117-4797	2	Rod-Seat Frame	25	104-7050	1	Tube-Manual
10	107-1865	2	R-Clamp	26	17-7190	1	Spacer-Finger
11	3256-25	3	Washer-Flat	27	3212-8	1	Screw-HH
12	3290-467	1	Pin-Hair	28	137-3061	6	Bolt-CARR
13	75-3400	1	Shaft-Pivot, Seat	29	119-4041	9	Nut-HF
14	32105-15	2	Screw-HWH	30	108-8646	1	Screw-HH, Lock
15	3256-4	2	Washer-Flat	31	104-7048	1	Cap-Housing
16	66-9302	4	Screw-HHF Lock	32	112-7405	1	Nut-Hex, Coupling
17	119-4042	4	Nut-HF, NI	34	3234-47	4	Screw-HHF
18		1	Seat And Suspension ASM	35	117-5676	1	Premium Seat ASM
			■	99	108-8024	1	Switch Kit ●

● Not illustrated

■ Not serviced separately

Air Ride Seat Suspension Assembly No. 130-2702

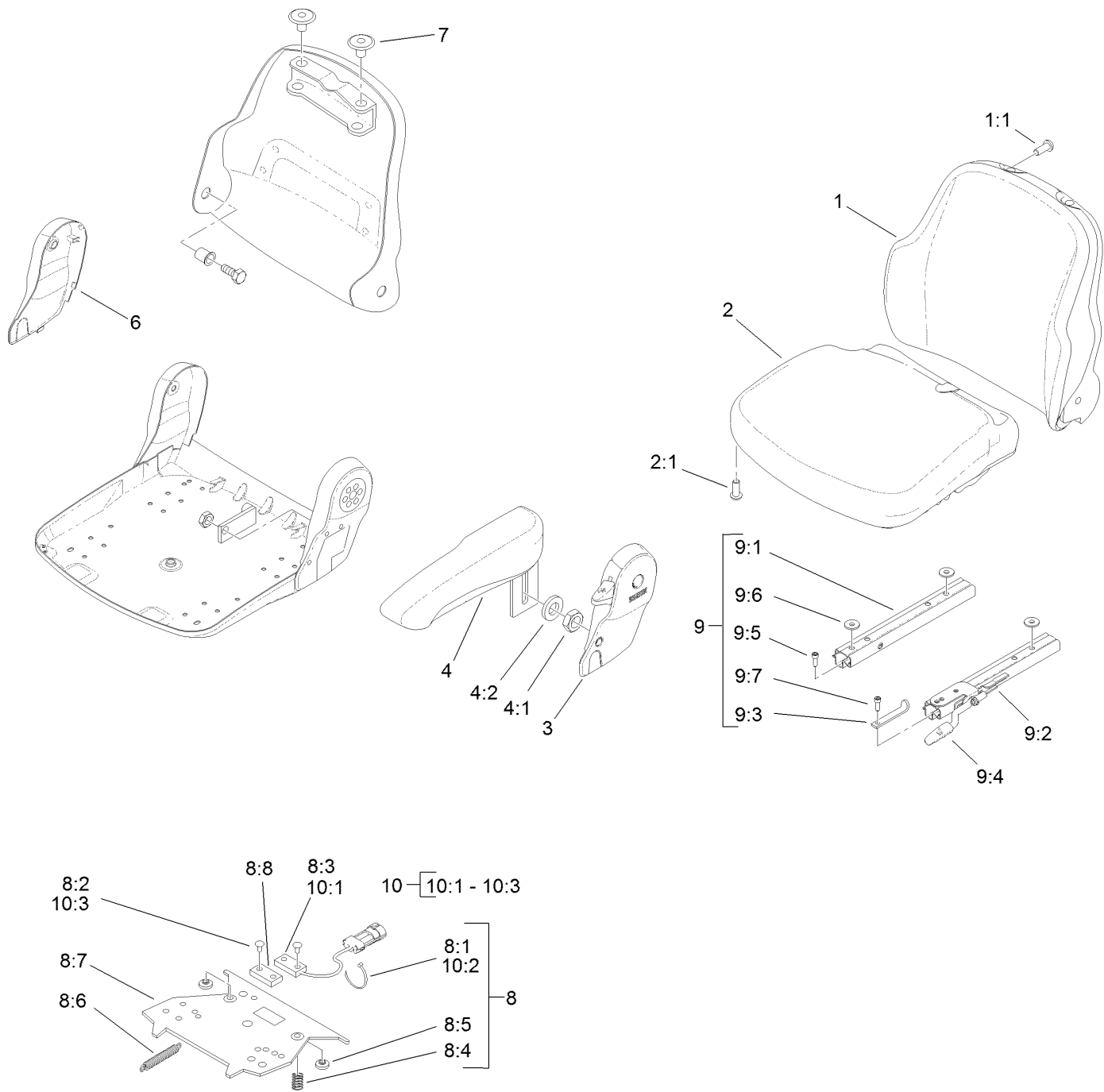


Air Ride Seat Suspension Assembly No. 130-2702 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-2709	1	Cover ASM	9	130-2719	1	Compressor
1:1	130-2710	1	Cover Kit	9:1	130-2720	1	Compressor Kit
2	108-8027	1	Cover	10	130-2721	1	Bellows ASM
3	130-2711	1	Control-Level	10:1	130-2722	1	Bellows Kit
4	108-8029	1	Valve-Control, Air	11	130-2723	1	Tether
5	130-2712	1	Shock Absorber ASM	11:1	130-2724	1	Tether Kit
5:1	130-2713	1	Shock Absorber Kit	12	130-2725	1	Wear Parts Kit ●
6	130-2714	1	Air Spring ASM	13	130-2726	1	Handle
6:1	130-2715	1	Air Spring Kit	14	130-2727	1	Upper Suspension Kit
7	130-2716	1	Air Tube ASM	15	130-2728	1	Lower Suspension Kit
7:1	130-2717	1	Air Tube Kit	16	130-2729	1	Adjuster Mounting Kit ●
8	147-1720	1	Wire Harness ASM	17	130-2730	1	Limiter-Thrust

● Not illustrated

Vinyl Premium Seat Assembly No. 117-5676

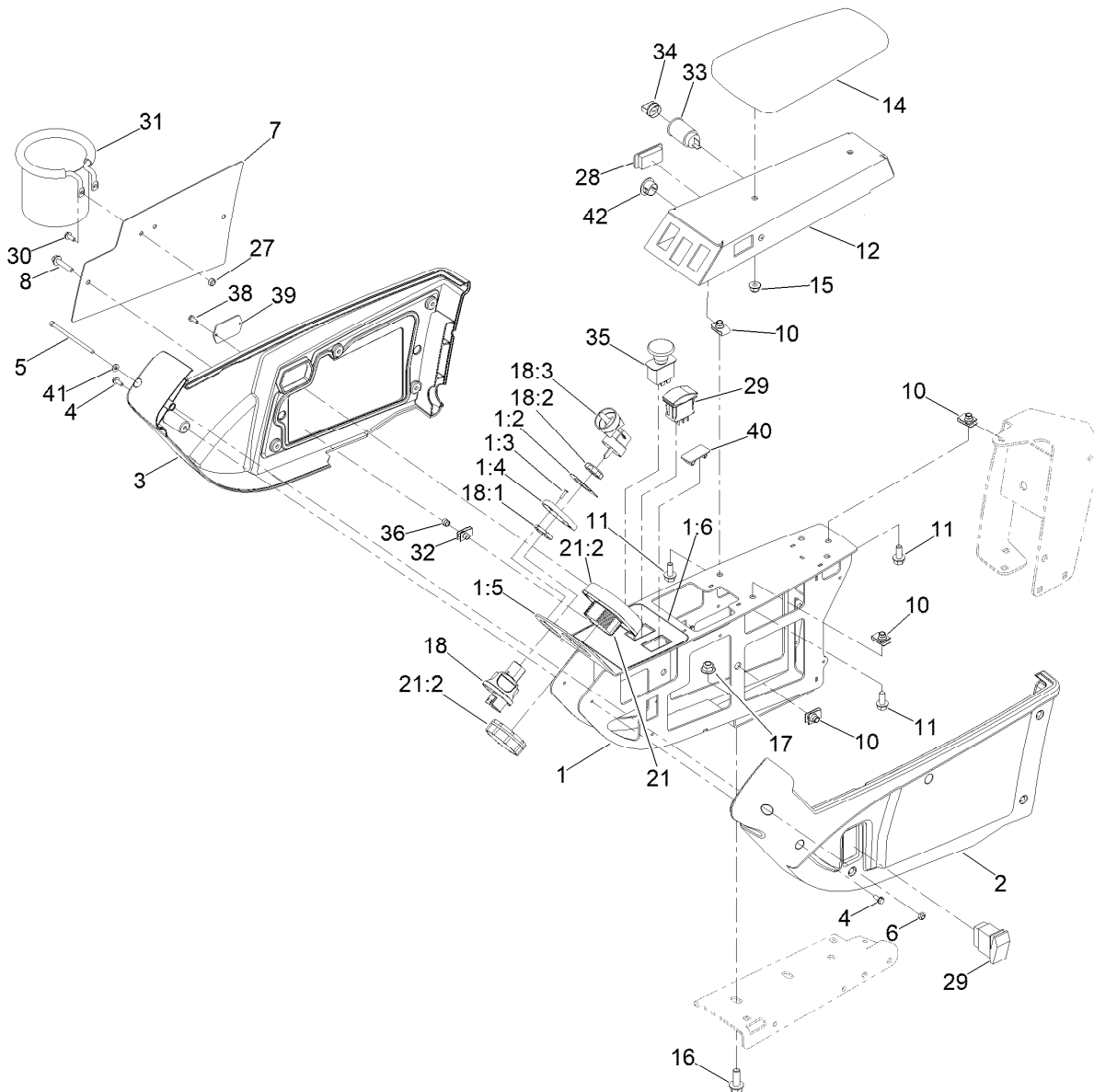


Vinyl Premium Seat Assembly No. 117-5676 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-8016	1	Backrest Cushion ASM
1:1	119-7742	4	Screw-Cushion
2	108-8017	1	Seat Cushion ASM
2:1	119-7742	3	Screw-Cushion
3	108-8018	1	Cover-Armrest
4	108-8019	1	LH Armrest ASM
4:1	82-9650	1	Nut
4:2	107-1198	1	Washer
6	108-8021	1	Cover-Armrest
7	108-8022	2	Cover-Black
8	108-8024	1	Switch Kit
8:1		3	Wire Tie ●
8:2		4	Rivet ●
8:3		1	Sensor-Seat Switch ●
8:4		2	Spring-Compression ●
8:5		2	Bumper-Pressure Plate ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8:6		1	Spring-Extension ●
8:7		1	Plate-Mounting ●
8:8		1	Magnet ●
9	108-8025	1	Adjustment Rail Set
9:1		1	Rail-Adjustment, RH ●
9:2		1	Rail-Adjustment, LH ●
9:3		1	Stop-Rail ●
9:4		1	Handle ●
9:5		3	Screw ●
9:6		3	Washer ●
9:7		1	Screw ●
10	110-6189	1	Switch Kit
10:1		1	Switch ●
10:2		3	Wire Tie ●
10:3		2	Rivet ●

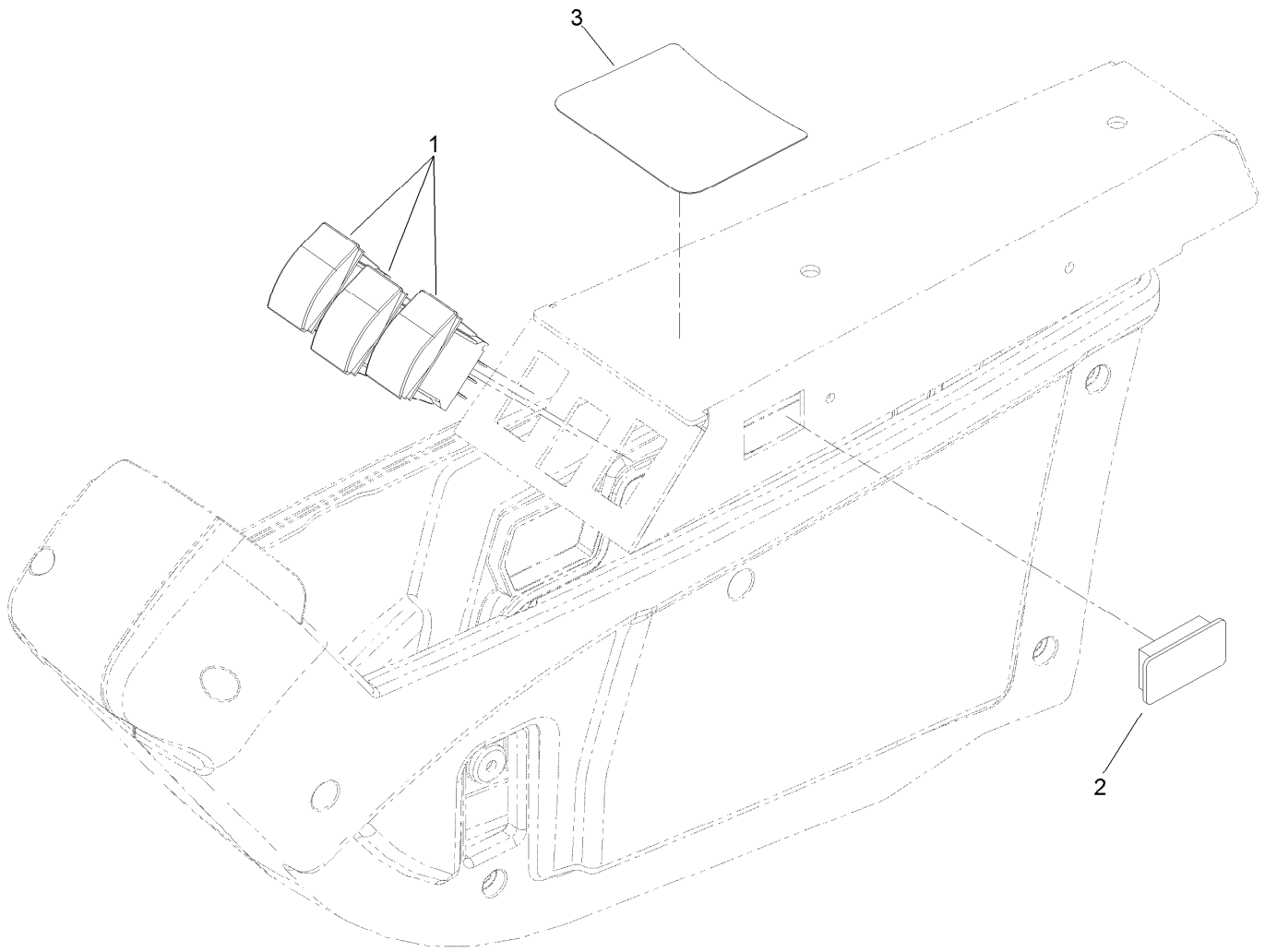
● Not serviced separately



Console Assembly

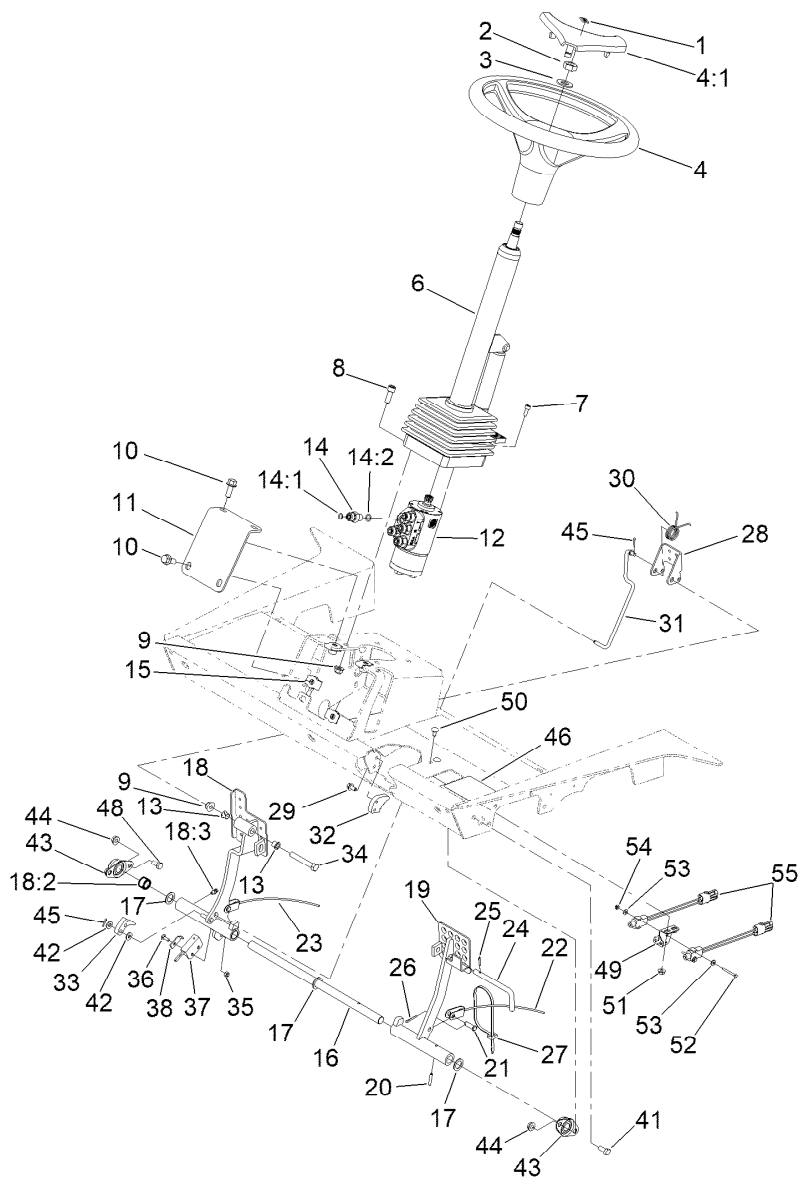
Ref.	Part Number	Qty.	Description
1	136-3325	1	Panel ASM
1:2	136-3185	1	Decal-Console, Lower
1:3	121-3887	1	Decal-Console, Display
1:4	121-3889	1	Step-Elevated, Switch
1:5	3269-17	2	Rivet-Pop
1:6	121-3884	1	Decal-Console, Upper
2	108-7604	1	Cover-LH
3	108-7605	1	Cover-RH
4	32144-112	10	Screw-HWH
5	161-8374	1	Screw-HSH
6	3296-12	1	Nut-Lock, NI
7	115-8849-03	1	Plate-Cover
8	3234-21	2	Screw-HHF
10	94-2413	5	Nut-U
11	3234-5	5	Screw-HHF
12	136-4389-03	1	Panel-Control
14	108-7602	1	Rest-Arm
15	119-4041	2	Nut-HF
16	3234-42	2	Screw-HHF
17	119-4042	2	Nut-HF, NI
18	161-4693	1	Switch-Ignition

Ref.	Part Number	Qty.	Description
18:1	121-5160	1	Nut-Hex
18:2	122-2704	1	Nut-Face, M22 (Plastic)
18:3	121-5162	1	Set-Key, Ignition
21	161-1700	1	Display-LCD
21:2	161-1723	1	Nut-Display
27	3296-2	2	Nut-Lock, NI
28	114-3329	1	Switch-Rocker
29	95-8999	2	Switch-Rocker, On-None-On
30	3290-321	2	Screw-HWH
31	161-8355	1	Cup Holder ASM
32	107069	2	Clip
33	99-7411	1	Point-Power
34	99-7416	1	Cap
35	93-9999	1	Switch-PTO
36	110-0542	2	Spacer-Flange
38	32144-18	2	Screw-HWH
39	121-1630	1	Plate-Cover
40	99-7420	1	Plug-Hole
41	3256-51	1	Washer-Flat
42	94-5627	1	Plug-Dome



Control Arm Switch Assembly

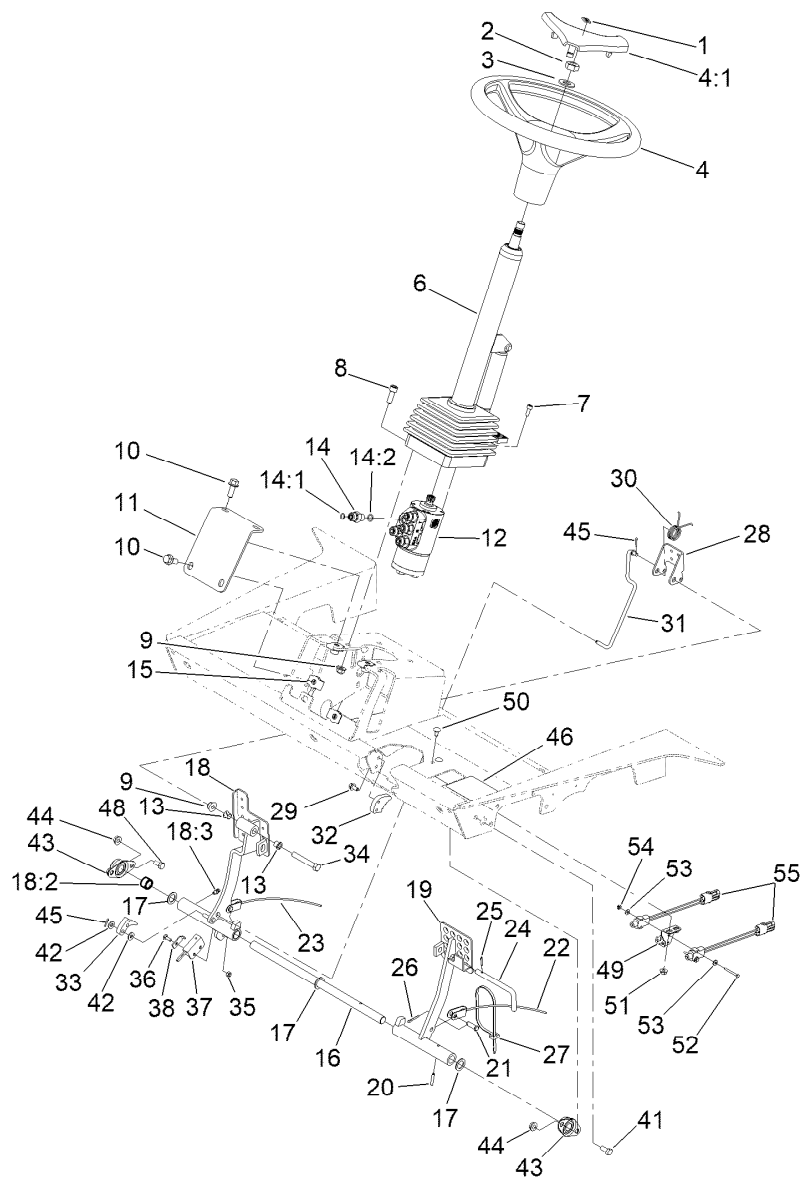
Ref.	Part Number	Qty.	Description
1	100-1535	3	Switch-Rocker, (On)-Off-(On)
2	99-7420	1	Plug-Hole
3	127-3700	1	Decal-Lift



Steering and Brake Assembly

Ref.	Part Number	Qty.	Description
1	98-1459	1	Decal
2	3296-33	1	Nut-Lock, NI
3	3256-27	1	Washer-Flat
4	98-1471	1	Wheel-Steering
4:1	98-1468	1	Cover-Wheel, Steering
6	106-3622	1	Steering Tilt Column ASM
7	105-2409	4	Screw-HSH
8	3274-7	4	Screw-HSH
9	119-4042	5	Nut-HF, NI
10	3234-11	4	Screw-HHF
11	115-4379-0P	1	Brace-Column
12	114-8119	1	Steering Valve ASM
13	52-2891	2	Bushing-Flanged, Nylon
14	340-2	5	Fitting-Straight
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring
15	105-4886	4	Nut-Tinnerman
16	75-1470	1	Pin-Pivot, Brake
17	3256-69	3	Washer-Flat
18	136-2889	1	Pedal-Brake, RH
18:2	256-42	2	Bushing

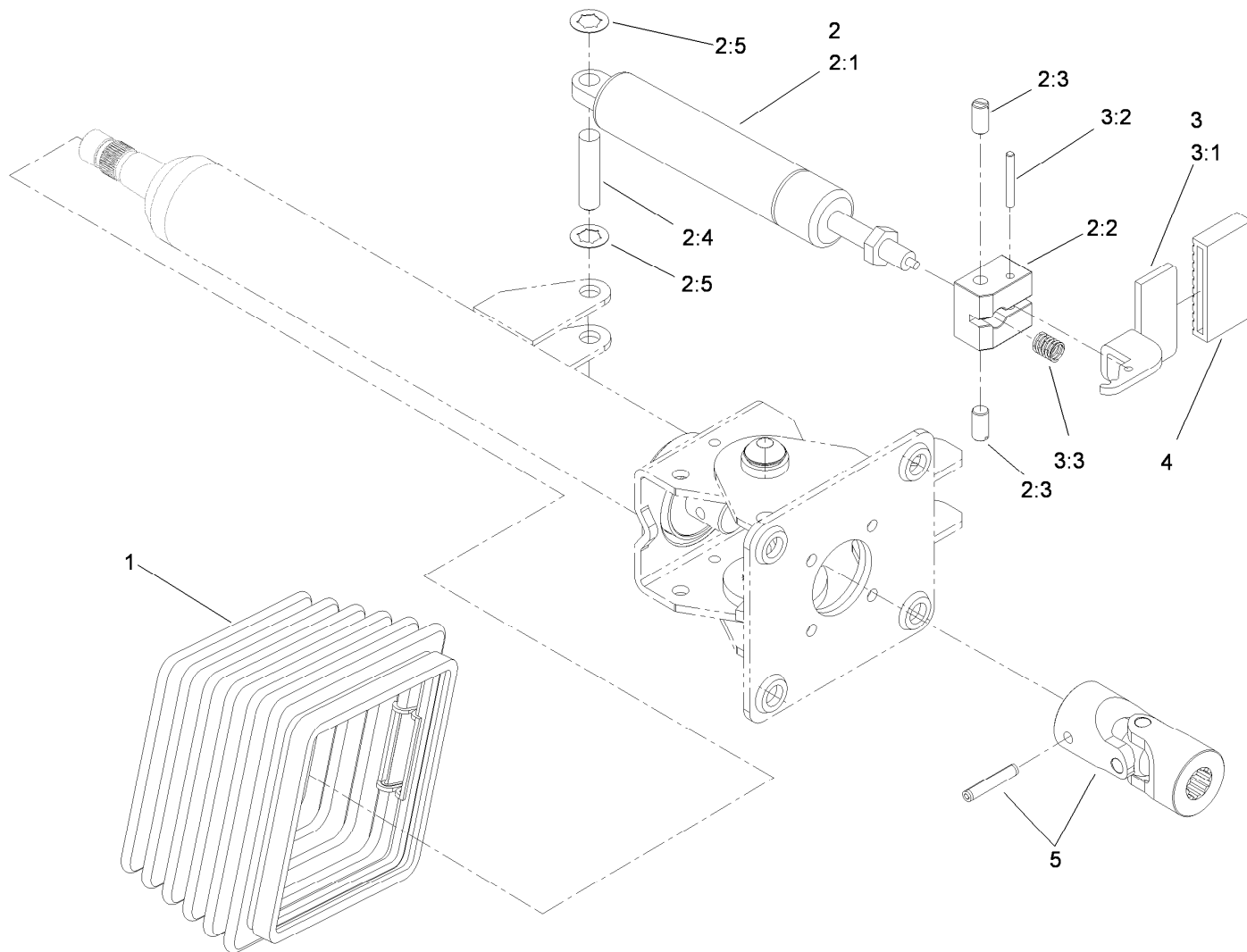
Ref.	Part Number	Qty.	Description
18:3	302-5	1	Fitting-Grease
19	136-2887-03	1	Pedal-Brake, LH
20	32121-16	1	Pin-Spring
21	283-58	2	Pin-Clevis
22	92-7530	1	Cable-Brake, LH
23	92-7529	1	Cable-Brake, RH
24	63-7880	1	Pin-Latch, Brake
25	32121-50	1	Pin-Spring
26	3272-11	2	Pin-Cotter
27	3290-378	1	Tie-Cable
28	99-7963-03	1	Pedal-Park
29	3234-13	2	Screw-HHF
30	99-7140	1	Spring-Torsion
31	115-4417	1	Rod-Brake Pawl
32	119-0002	1	Pawl-Brake
33	120-1691	1	Detent-Brake
34	323-12	1	Screw-HH
35	3296-2	1	Nut-Lock, NI
36	3229-34	1	Screw-CARR
37	100-1270	1	Switch-Proximity
38	100-4872	1	Plate-Switch, Neutral



Steering and Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
41	322-3	1	Screw-HH
42	3256-22	3	Washer-Flat
43	256-236	2	Bearing-Mount, Flange
44	32128-20	3	Nut-HF
45	3272-5	3	Pin-Cotter
46	117-4763	1	Decal-Brake
48	322-2	2	Screw-HH

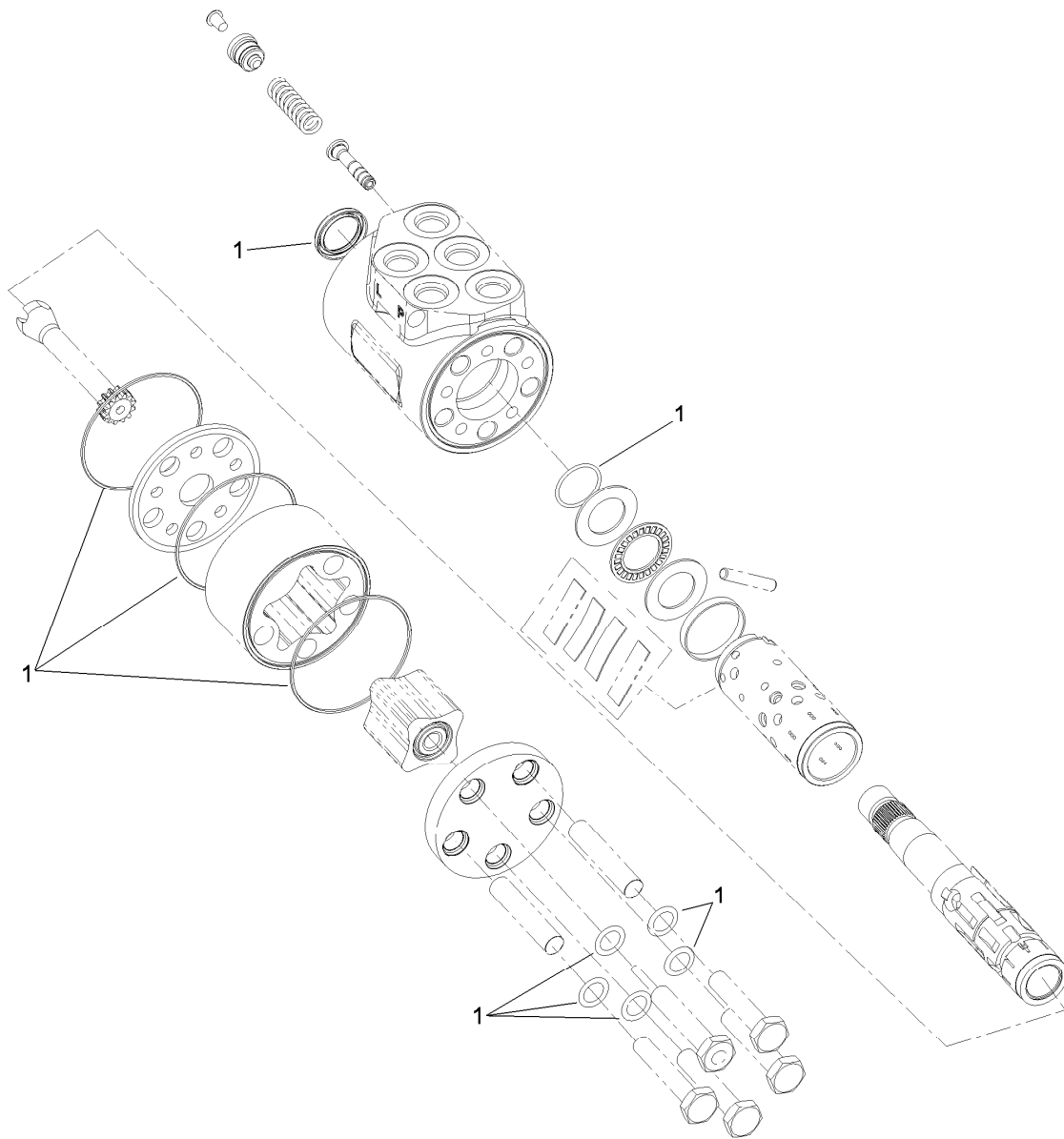
Ref.	Part Number	Qty.	Description
49	131-7842	1	Plate-Bent, Bracket
50	116-5611	2	Bolt-Carriage
51	32128-33	2	Nut-HF
52	32105-21	2	Screw-HH
53	3256-21	4	Washer-Flat
54	3296-9	2	Nut-Hex
55	99-3410	2	Switch



Steering Tilt Column Assembly No. 106-3622

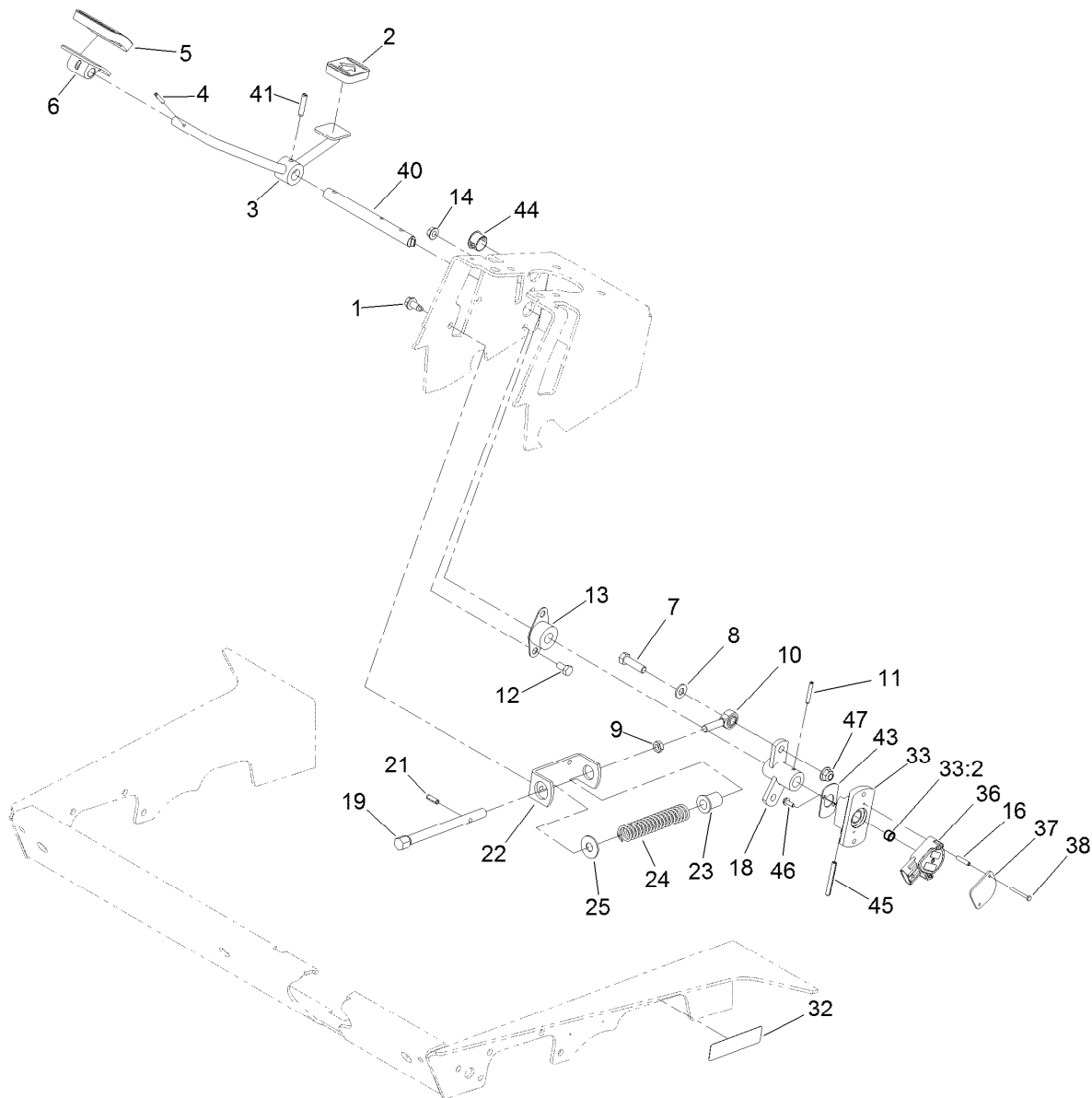
Ref.	Part Number	Qty.	Description
1	110-6462	1	Bellows-Rubber
2	110-6463	1	Cylinder Service Kit
2:1		1	Cylinder-Gas ●
2:2		1	Block-Pedal ●
2:3		2	Bolt ●
2:4		1	Pin ●
2:5		2	Washer-Lock ●
3	110-6464	1	Pedal Service Kit
3:1		1	Pedal ●
3:2		1	Pin ●
3:3		1	Spring ●
4	110-6465	1	Cover-Pedal
5	120-6256	1	Universal Joint Kit

● Not serviced separately



Steering Valve Assembly No. 114-8119

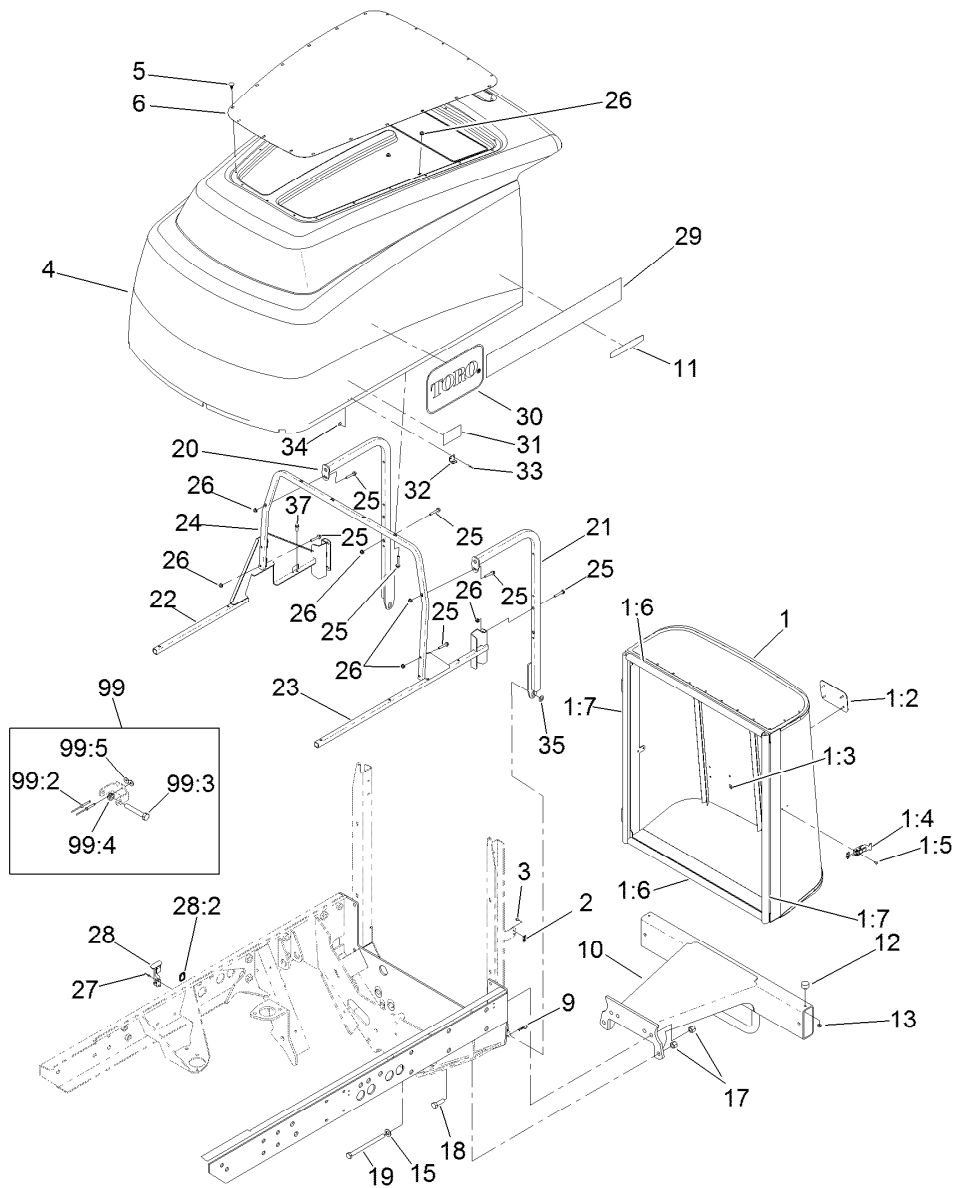
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-6716	1	Seal Kit



Pedal Assembly

Ref.	Part Number	Qty.	Description
1	32104-32	2	Screw-HWH
2	74-9110	1	Pad-Pedal, Reverse
3	120-8095-03	1	Pedal
4	32121-45	1	Pin-Spring
5	74-9100	1	Pad-Pedal, Forward
6	117-9507	1	Pedal-Accelerator
7	323-29	1	Screw-HH
8	3256-24	1	Washer-Plain
9	3220-3	1	Nut-HJ
10	2411-36	1	Bearing-End, Rod
11	32121-6	1	Pin-Roll, Slotted
12	322-2	4	Screw-HH
13	256-236	1	Bearing-Mount, Flange
14	32128-20	2	Nut-HF
16	114-5608	2	Spacer-Standoff
18	120-8088-0P	1	Hub-Traction Pedal Pivot
19	115-4383	1	Shaft-Spring
21	32121-11	1	Pin-Roll

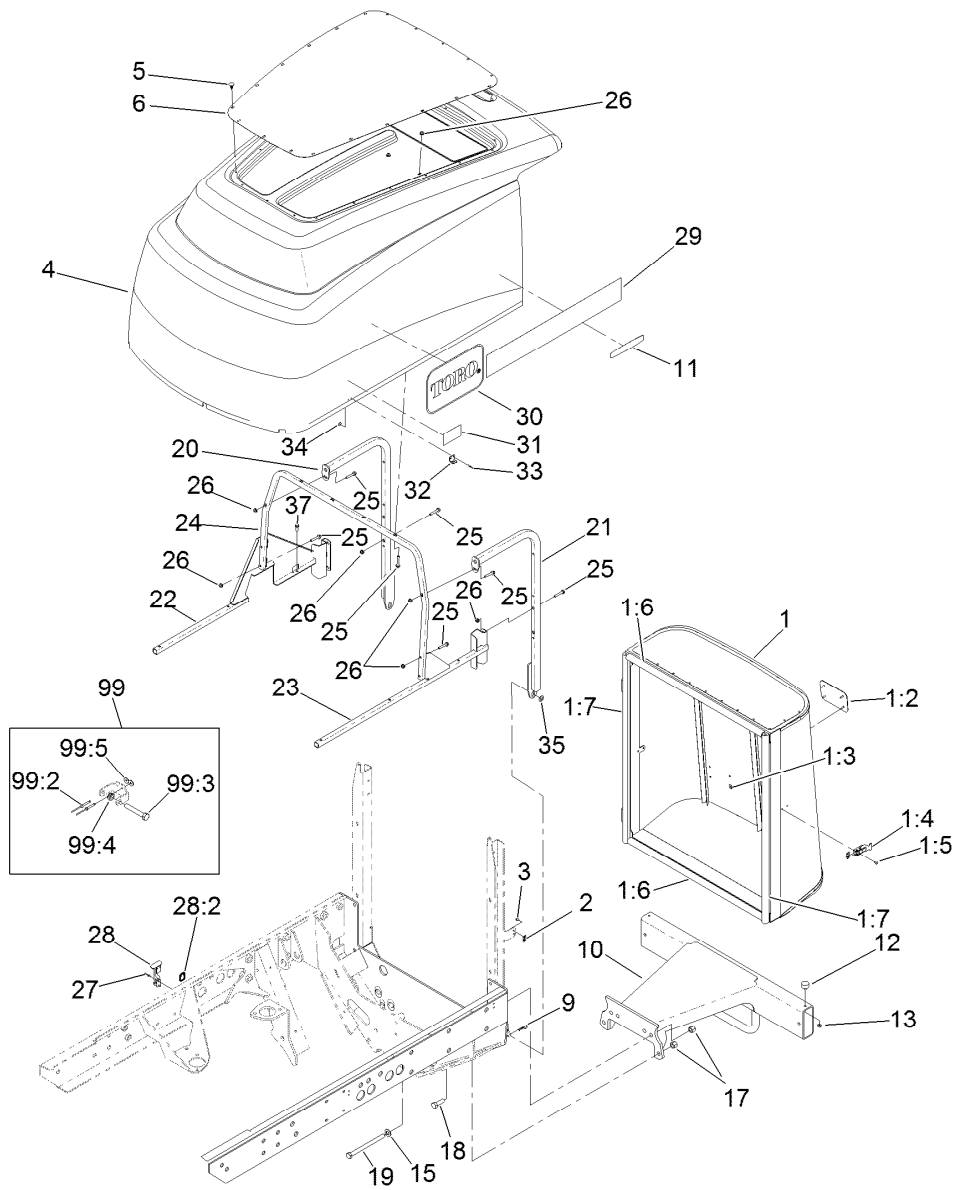
Ref.	Part Number	Qty.	Description
22	92-7608-03	1	Bracket-Spring
23	92-7610	1	Retainer-Spring
24	84-9100	1	Spring
25	3256-5	1	Washer-Flat
32	133-8062	1	Decal-Spark Arrestor
33	120-8038	1	Hub ASM
33:2	95-7497	1	Bushing-Wheel
36	114-5609	1	Sensor-Position
37	114-5595	1	Plate-Capture
38	32105-21	2	Screw-HH
40	120-8091	1	Shaft-Pivot, Traction
41	32121-69	1	Pin-Roll
43	120-8089	1	Plate-Cover, Sensor
44	121-3099	1	Plug-Dome, Thick
45	32121-78	1	Pin-Roll
46	3290-321	2	Screw-HWH
47	119-4042	1	Nut-HF, NI



Hood Assembly

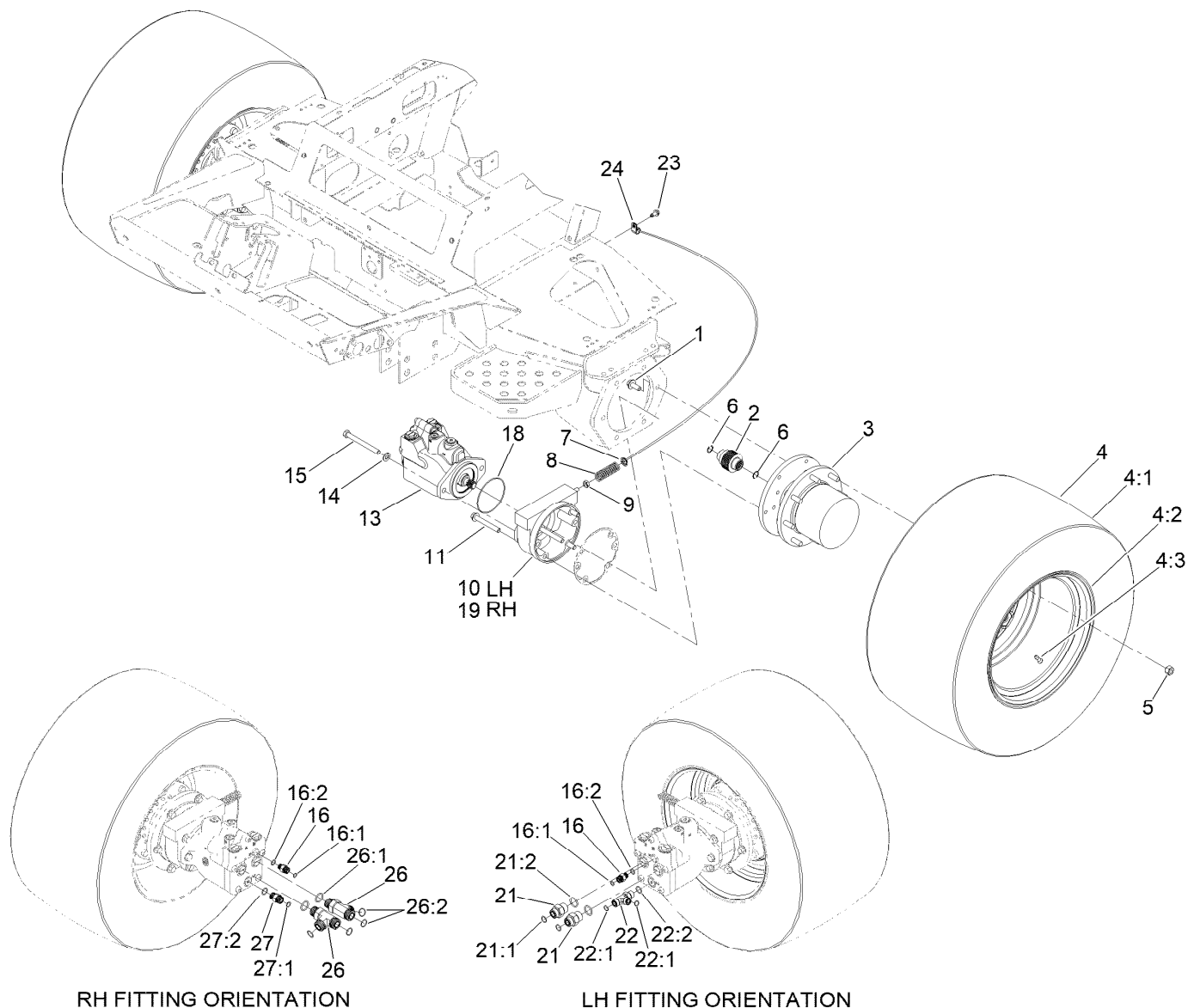
Ref.	Part Number	Qty.	Description
1	115-4362	1	Screen ASM
1:2	93-6028	1	Plate-Logo
1:3	138-6996	4	Nut-Push
1:4	114-8117	1	Latch-Adjustable
1:5	3269-3	2	Rivet-Pop
1:6	115-4358	2	Seal-Bulb
1:7	115-4359	2	Seal-Bulb
2	115-4357	1	Latch-Keeper
3	3269-3	2	Rivet-Pop
4	121-3137	1	Hood ASM
5	117-2382	20	Plug-Plastic
6	114-4192-03	1	Screen-Hood
9	3290-467	2	Pin-Hair
10	120-8020-03	1	Bumper-Rear
11	121-1594	2	Decal-Smart Power
12	240-14	2	Bumper-Rubber
13	32128-33	2	Nut-HF
15	3256-26	2	Washer-Flat
17	3296-23	4	Nut-Lock, NI
18	325-6	2	Screw-HH
19	325-23	2	Screw-HH

Ref.	Part Number	Qty.	Description
20	114-8108-03	1	Tube-RH
21	114-8109-03	1	Tube-LH
22	121-3136-0P	1	Tube ASM R.H. [primed]
23	114-8102-0P	1	Tube ASM
24	121-3133-0P	1	Tube-Hood Frame
25	94-5781	25	Screw-HHF
26	104-7201	26	Nut-HF, NI
27	3290-55	4	Rivet-Pop
28	59-9740	2	Flex Draw Latch ASM
28:2	249-40	1	Keeper
29	105-9876	2	Decal
30	139-6028	2	Decal-Logo, Toro
31	106-6754	2	Decal-Danger
32	249-40	2	Keeper
33	3269-17	4	Rivet-Pop
34	3269-10	4	Washer-Back
35	98-1629	2	Washer
37	115-5103	1	Screw-HHF
99	119-2004	1	CE Latch Kit
99:2	107-0333	2	Rivet-Pop
99:3	322-10	1	Screw-HH



Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
99:4	3296-47	1	Nut-Lock,NI
99:5	3269-10	2	Washer-Back

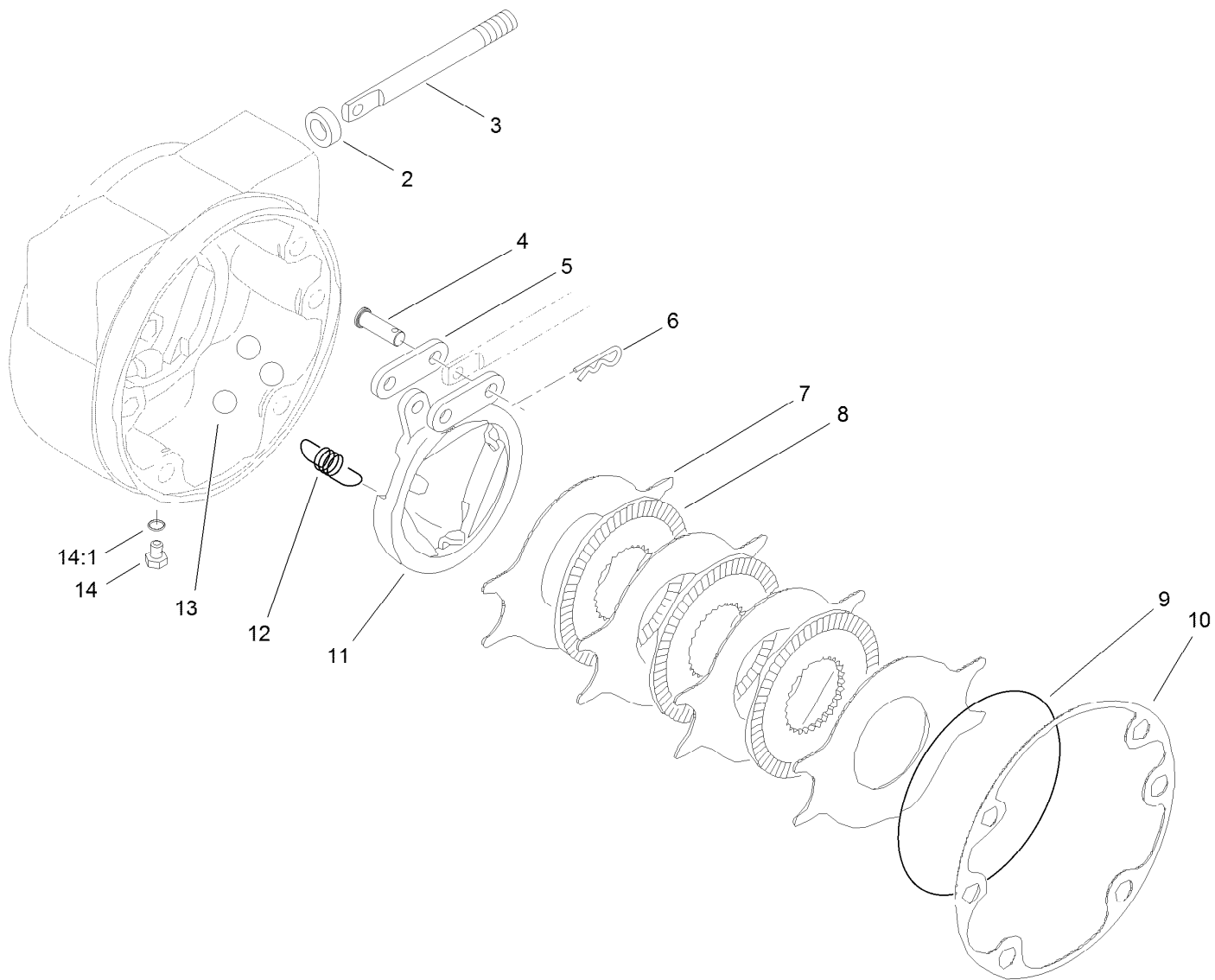


Front Wheel Drive Assembly

Ref.	Part Number	Qty.	Description
1	33106-030	12	Screw-HHF
2	100-3046	2	Shaft-Brake, Splined
3	163-1858	1	Planetary ASM Service Kit
4		2	Tire And Wheel ASM ●
4:1	119-0023	1	Tire
4:2	119-0024	1	Wheel
4:3	232-24	1	Stem-Valve
5	92-7483	16	Nut-Lug
6	93-7972	4	Ring-Retaining, Internal
7	94-3050	2	Plate-Spring
8	94-3088	2	Spring-Compression
9	3218-4	2	Nut-Jam
10	100-3070	1	LH Brake ASM
11	33106-080	8	Screw-HHF
13	136-2939	2	Motor-Piston, Front
14	106-9888	4	Washer-Flat
15	33116-110	4	Screw-HH
16	340-2	2	Fitting-Straight

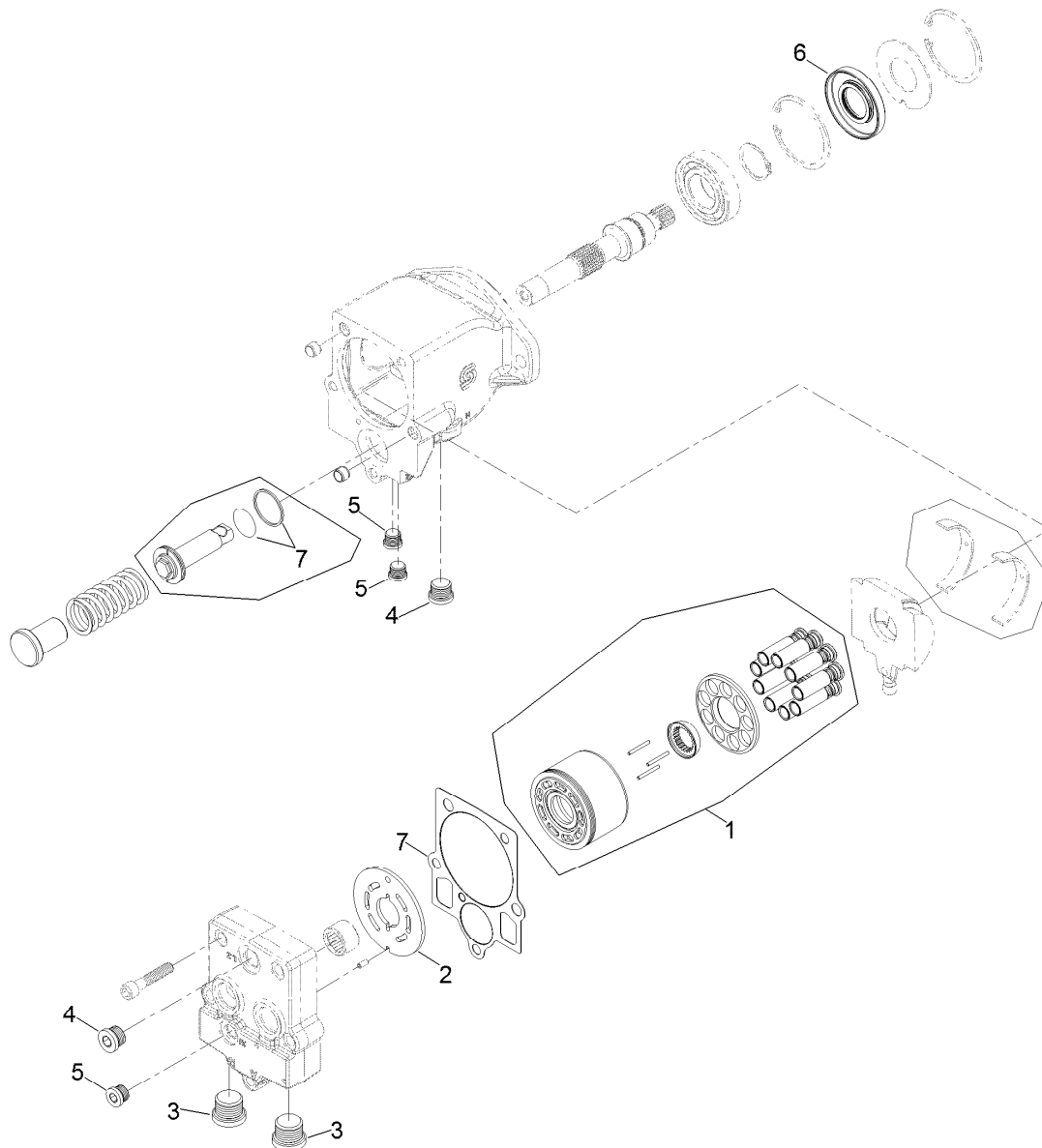
Ref.	Part Number	Qty.	Description
16:1	237-22	1	O-Ring
16:2	237-42	1	O-Ring
18	237-166	2	O-Ring
19	100-3069	1	RH Brake ASM
21	340-8	2	Fitting-Straight
21:1	237-65	1	O-Ring
21:2	237-81	1	O-Ring
22	340-109	1	Fitting-Tee
22:1	237-79	1	O-Ring
22:2	237-30	2	O-Ring
23	32104-32	2	Screw-HWH
24	2412-93	2	Clamp-R
26	340-148	2	Fitting-Tee
26:1	237-81	1	O-Ring
26:2	237-58	2	O-Ring
27	340-4	1	Fitting-Straight
27:1	237-30	1	O-Ring
27:2	237-79	1	O-Ring

● Not serviced separately



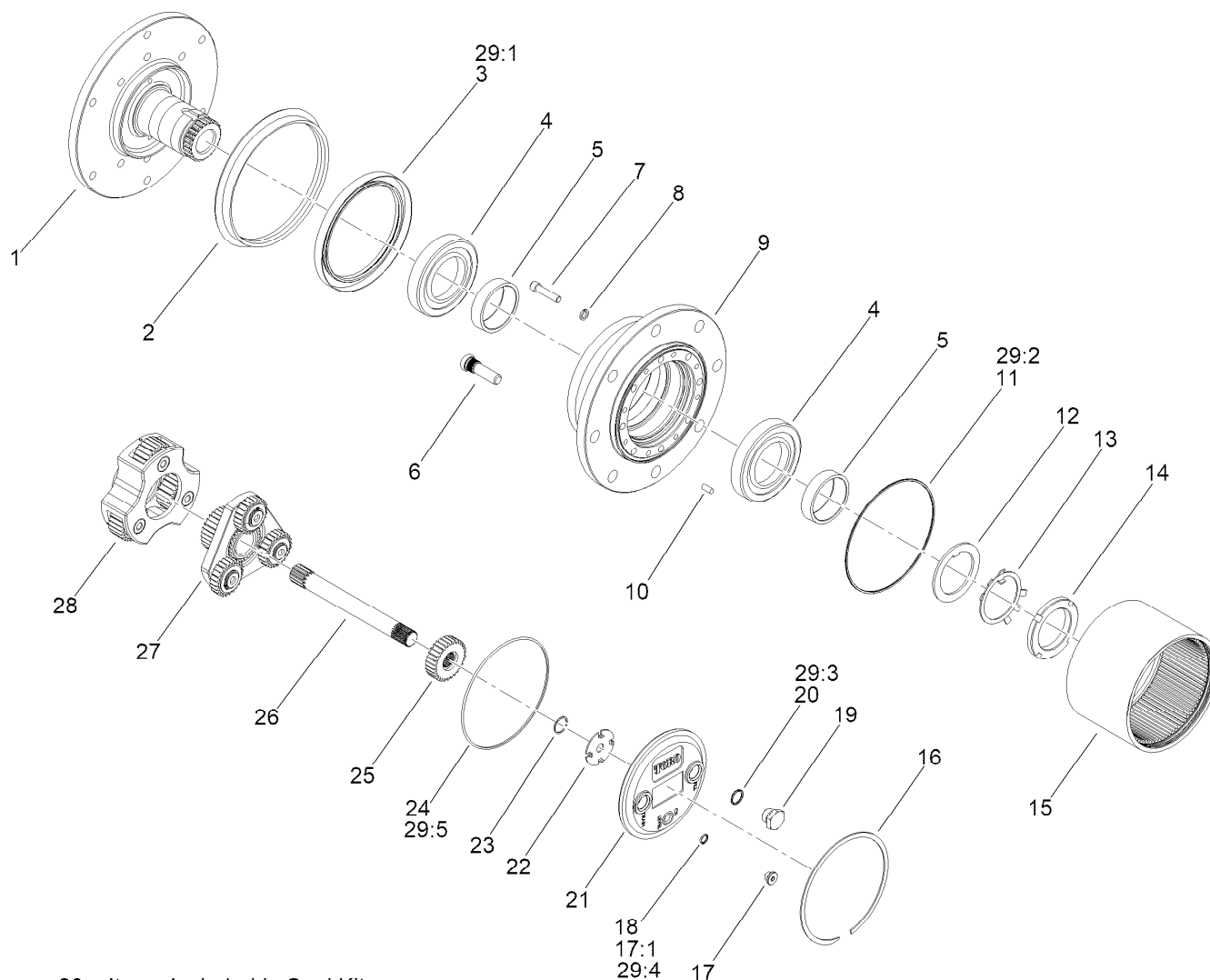
LH Brake Assembly No. 100-3070

Ref.	Part Number	Qty.	Description
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	104-4278	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	104-4279	1	Actuator-Rotating
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball
14	353-990	2	Plug ASM
14:1	237-78	1	O-Ring



Piston Motor Assembly No. 136-2939

Ref.	Part Number	Qty.	Description
1	121-1735	1	Cylinder Block Kit
2	121-1734	1	Plate-Valve
3	69-3130	2	Plug
4	67-9090	2	Plug
5	69-3080	3	Plug
6	127-6214	1	Seal-Lip
7	138-7823	1	Overhaul Seal Kit



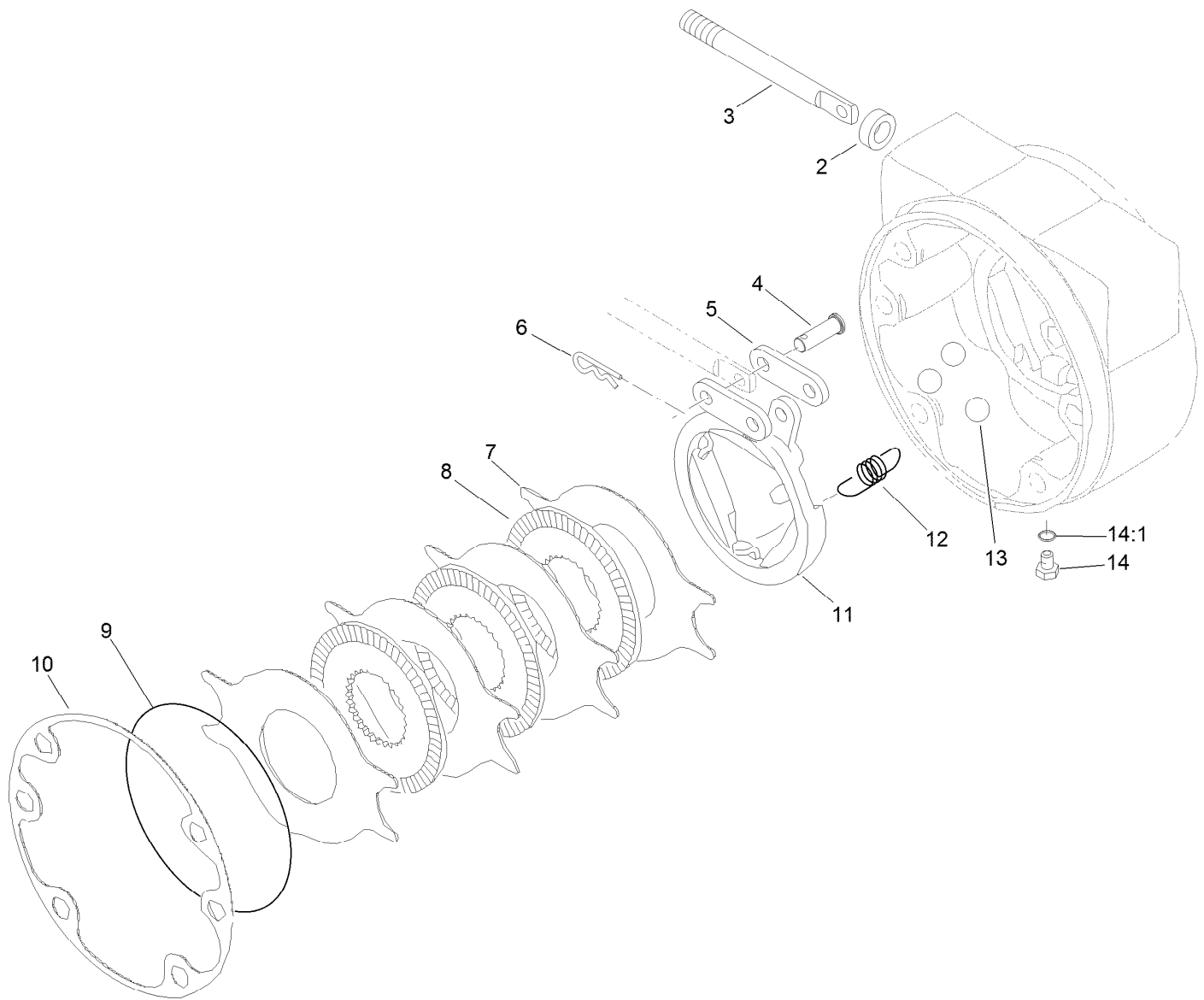
29 = Items Included in Seal Kit

Planetary Service Kit Assembly No. 163-1858

Ref.	Part Number	Qty.	Description
1		1	Spindle ●
2	138-1204	1	Seal-Boot
3		1	Seal-Lip ●
4	138-1205	2	Bearing-Cup
5	138-1206	2	Bearing-Cone
6	105-8124	8	Stud-Wheel
7	138-1207	8	Screw-Socket Head
8	138-1208	8	Washer-Lock
9		1	Housing ●
10	105-8121	4	Pin-Dowel
11		1	O-Ring ●
12	138-6928	1	Spacer
13	138-6929	1	Washer
14	138-6930	1	Nut-Lock
15	138-1209	1	Gear-Ring
16	138-1210	1	Ring-Snap
17	353-990	1	Plug ASM
17:1	237-78	1	O-Ring

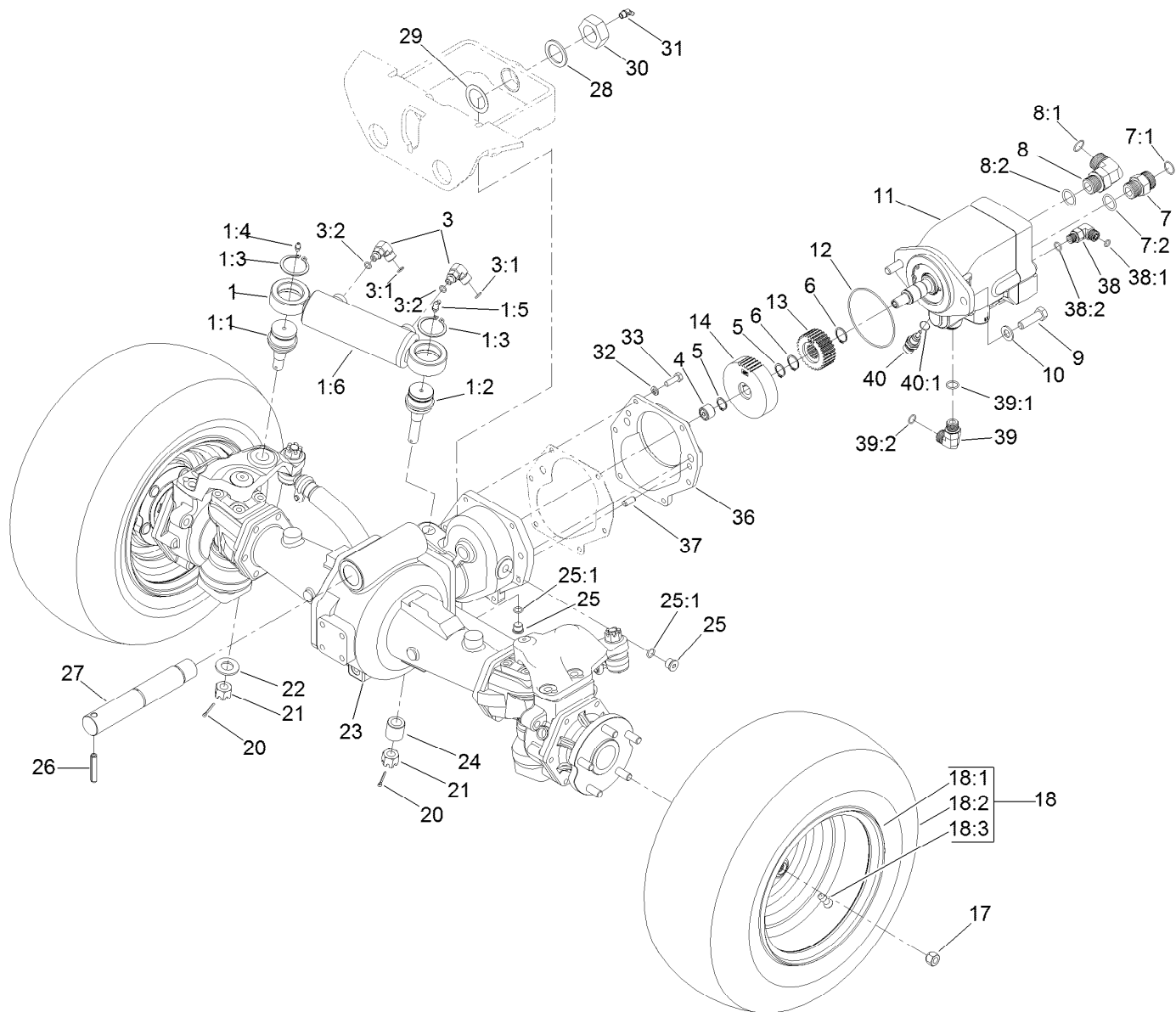
Ref.	Part Number	Qty.	Description
18	237-78	1	O-Ring
19	138-1211	2	Plug-Flange, Magnetic
20	138-1212	2	O-Ring
21	138-1213	1	Cap-End
22	138-1214	1	Washer-Thrust, Sun
23	105-8131	2	Ring-Retaining
24		1	O-Ring ●
25	138-1215	1	Gear-Primary, Sun
26	138-1216	1	Shaft-Drive
27	138-1217	1	Primary Carrier ASM
28	138-1218	1	Secondary Carrier ASM
29	138-1219	1	Seal Kit
29:1		1	Seal-Lip ●
29:2		1	O-Ring ●
29:3		1	O-Ring ●
29:4		1	O-Ring ●
29:5		1	O-Ring ●

● Not serviced separately



RH Brake Assembly No. 100-3069

Ref.	Part Number	Qty.	Description
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	104-4278	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	104-4280	1	Actuator-Rotating
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball
14	353-990	2	Plug ASM
14:1	237-78	1	O-Ring

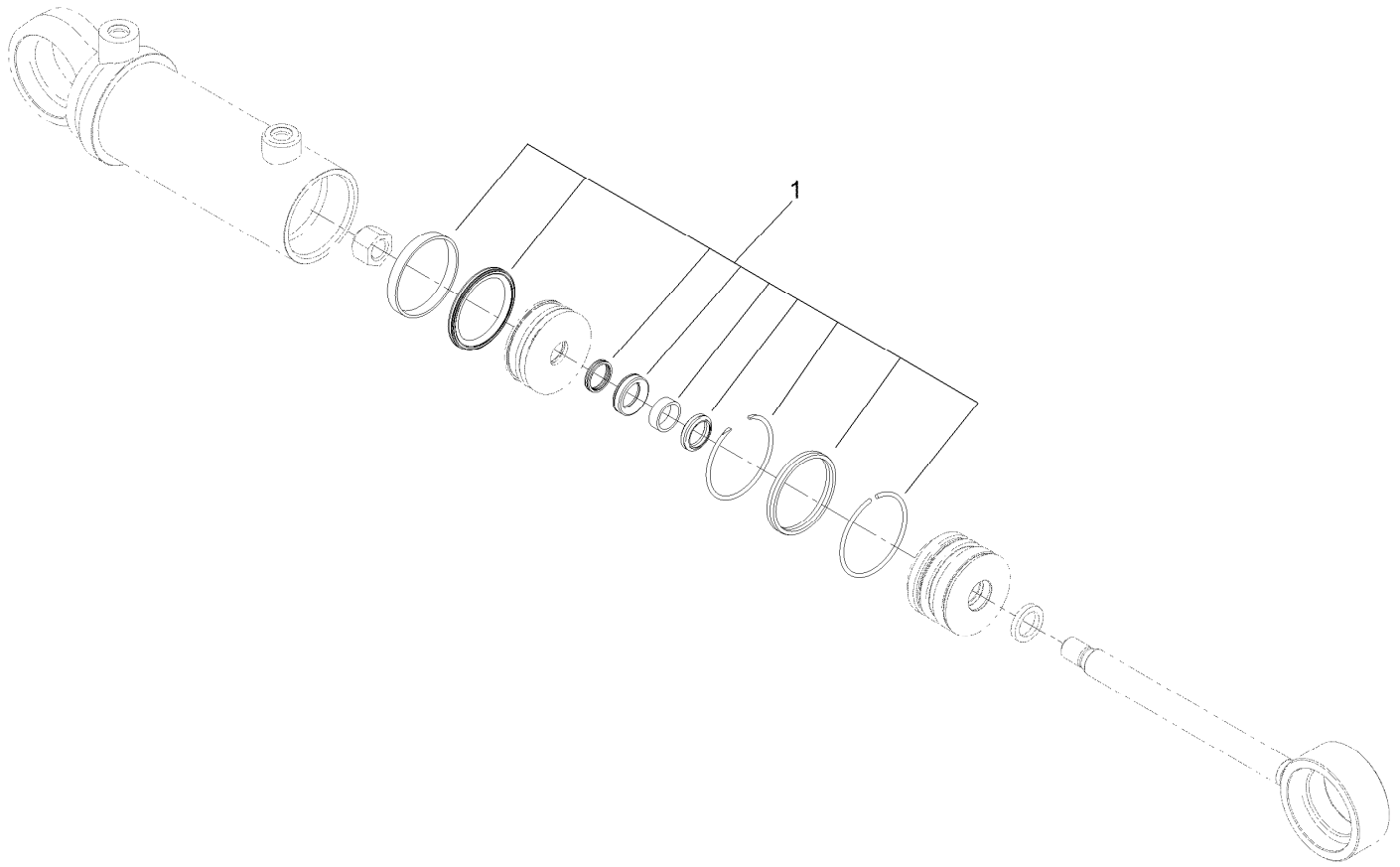


Rear Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
25	353-989	2	Plug-Hex, Hollow
25:1	237-42	1	O-Ring
26	32121-110	1	Pin-Roll, Slotted
27	115-9142	1	Pin-Rear Axle
28	92-1765	1	Washer-Thrust
29	98-3867	2	Washer-Thrust
30	3296-68	1	Nut-Lock, NI
31	302-33	1	Fitting-Grease
32	3253-4	6	Washer-Lock
33	33114-025	6	Screw-HH

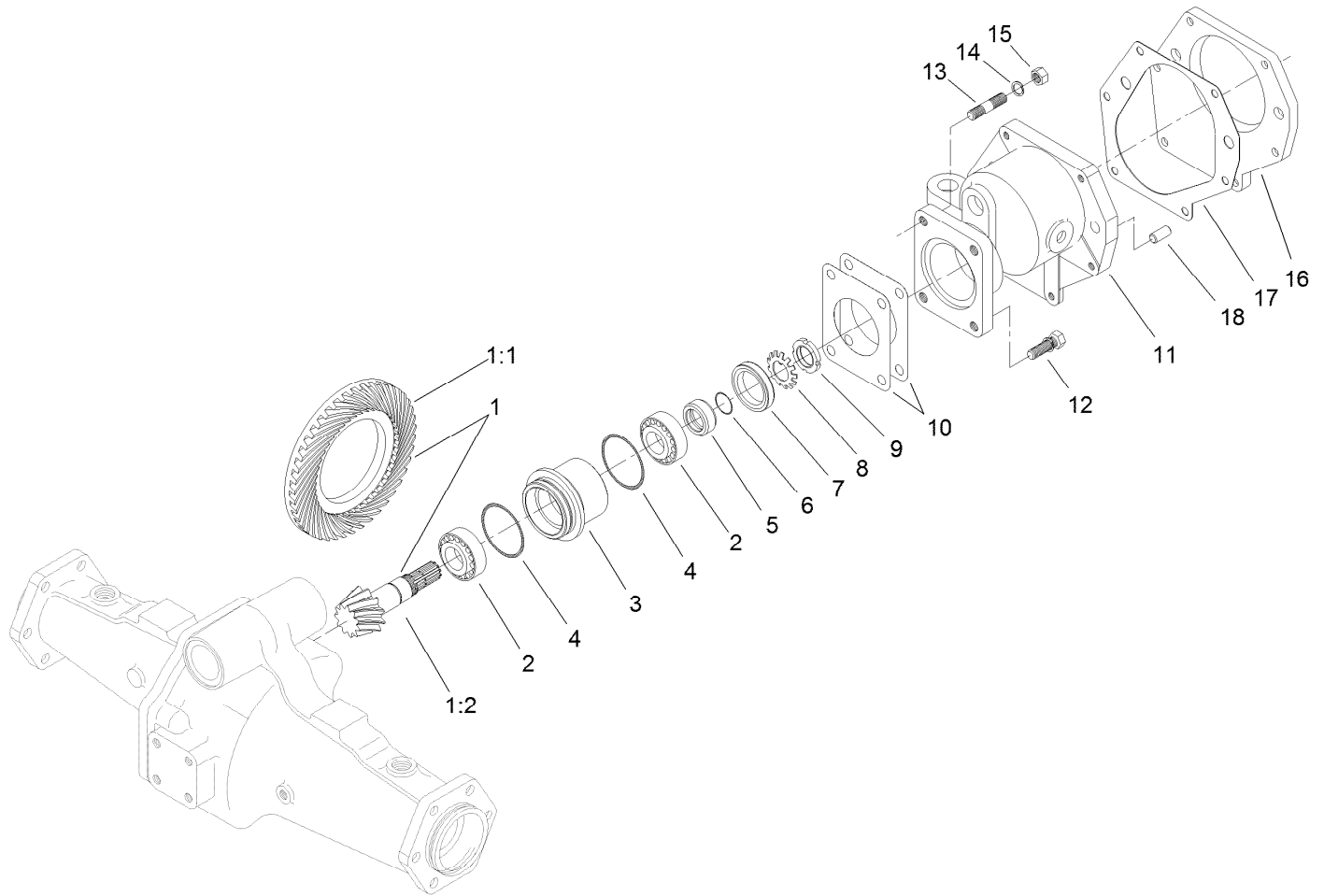
Ref.	Part Number	Qty.	Description
36	95-7541	1	Plate-Cover
37	104-2353	2	Pin-Dowel
38	340-77	1	Fitting-Elbow, 90 DEG
38:1	237-22	1	O-Ring
38:2	237-42	1	O-Ring
39	340-98	1	Fitting-Elbow, 90 DEG
39:1	237-79	1	O-Ring
39:2	237-30	1	O-Ring
40	110-8829	1	Sender-Temperature
40:1	237-42	1	O-Ring

● Not serviced separately



Hydraulic Steer Cylinder Assembly No. 127-6431

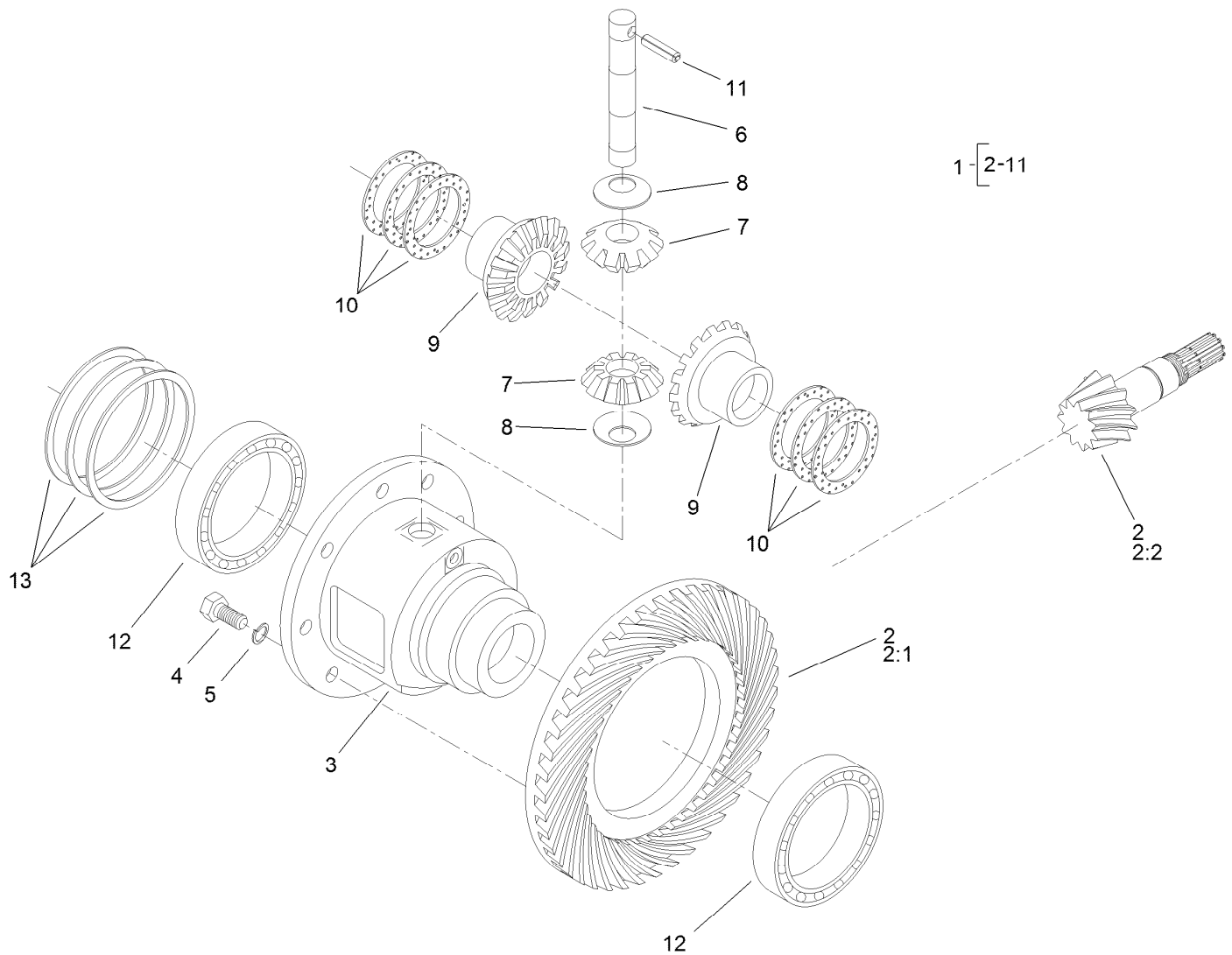
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7756	1	Cylinder Seal Kit



Bevel Pinion Shaft Assembly Rear Axle Assembly No. 110-4750

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-1093	1	Ring And Pinion Set
1:1	95-7504	1	Gear-43 Tooth, Bevel Spiral
1:2	106-1092	1	Pinion-Spiral, Bevel
2	99-7570	2	Bearing-Roller, Taper
3	95-7534	1	Case-Bearing
4	106-1065	2	O-Ring
5	99-7572	1	Collar-Seal, Oil
6	106-1066	1	O-Ring
7	99-7574	1	Seal-Oil
8	99-7559	1	Washer-Lock
9	99-7560	1	Nut-Lock

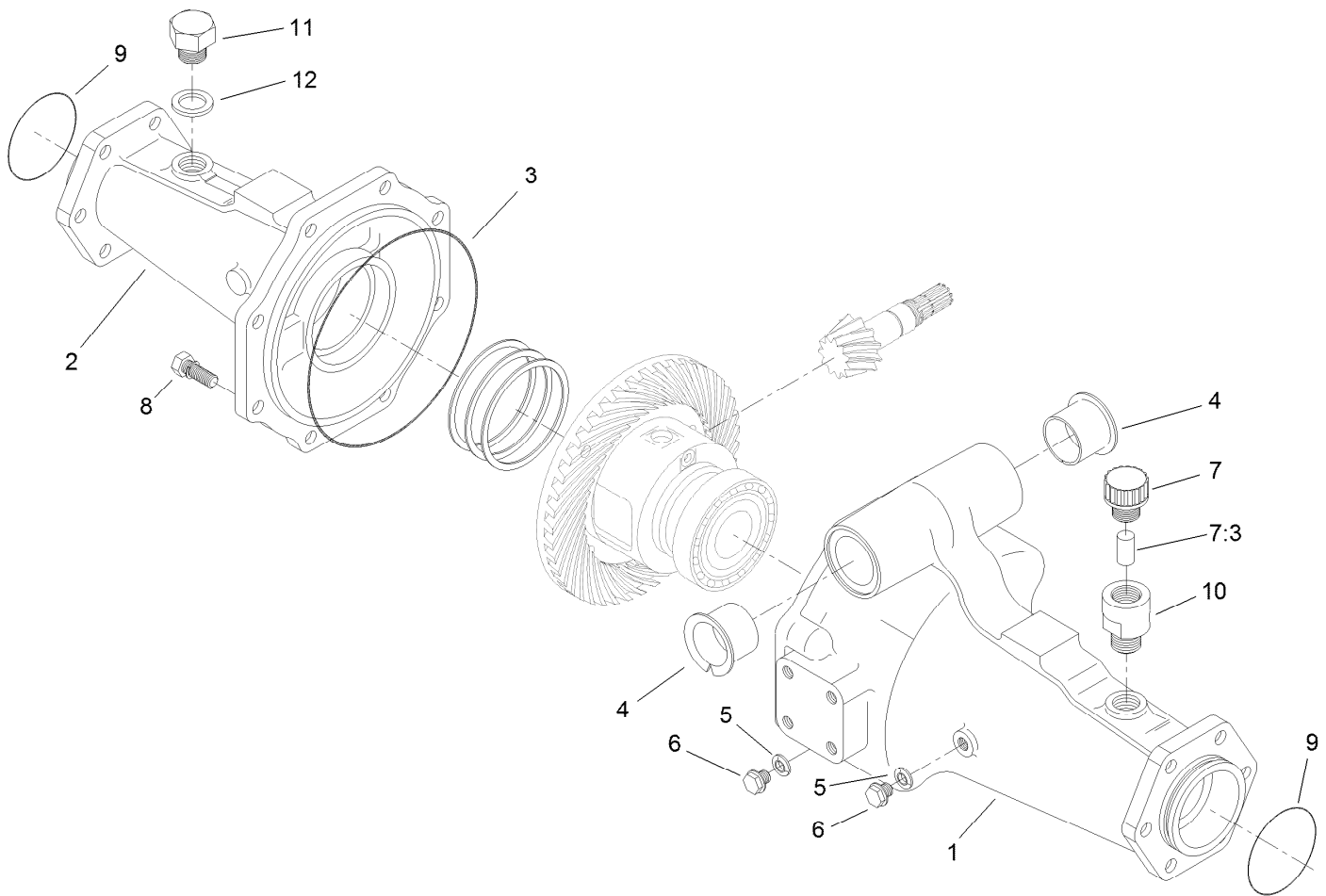
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	99-7550	2	Shim 0.1
10	99-7551	2	Shim 0.2
11	95-7533	1	Case-Gear
12	99-7575	2	Bolt
13	98-7735	2	Stud
14	99-7527	2	Washer-Spring
15	99-7526	2	Nut
16	95-7541	1	Plate-Cover
17	106-1140	1	Gasket
18	104-2353	2	Pin-Dowel



Differential Assembly Rear Axle Assembly No. 110-4750

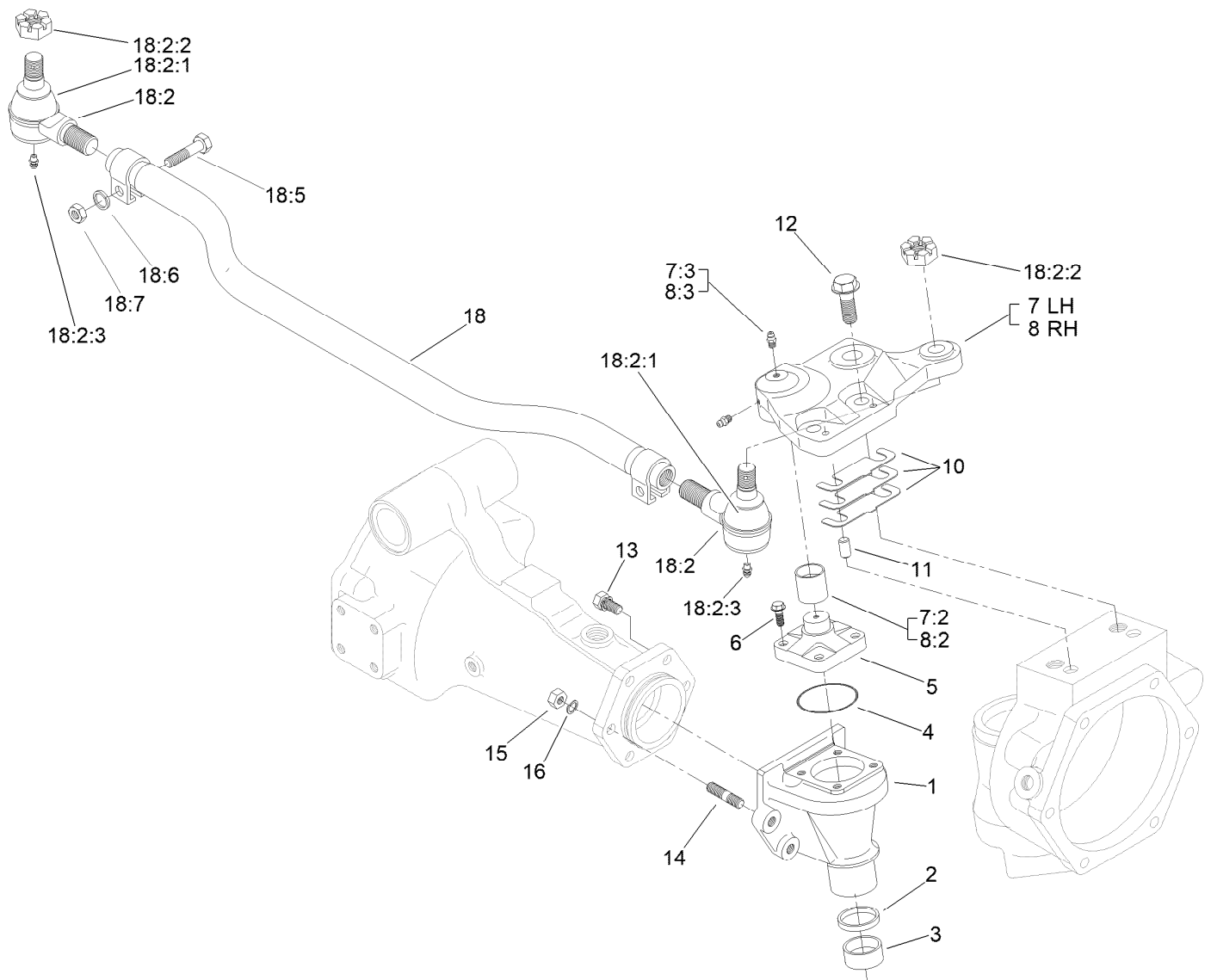
Ref.	Part Number	Qty.	Description
1	95-7503	1	Differential ASM
2	106-1093	1	Ring And Pinion Set
2:1	95-7504	1	Gear-43 Tooth, Bevel Spiral
2:2	106-1092	1	Pinion-Spiral, Bevel
3	95-7502	1	Case-Differential
4	99-7576	8	Bolt
5	3253-4	8	Washer-Lock
6	99-7578	1	Shaft-Differential
7	99-7579	2	Pinion-Differential
8	145-5288	2	Washer-Pinion, Differential

Ref.	Part Number	Qty.	Description
9	99-7581	2	Gear-Differential
10	99-7582	2	Washer-Differential
10	99-7583	2	Washer-Differential
10	99-7584	2	Washer-Differential
11	99-7588	1	Pin-Spring
12	99-7562	2	Bearing-Ball
13	99-7585	2	Shim 0.1
13	99-7586	2	Shim 0.2
13	99-7587	2	Shim 0.4



Axle Support Assembly Rear Axle Assembly No. 110-4750

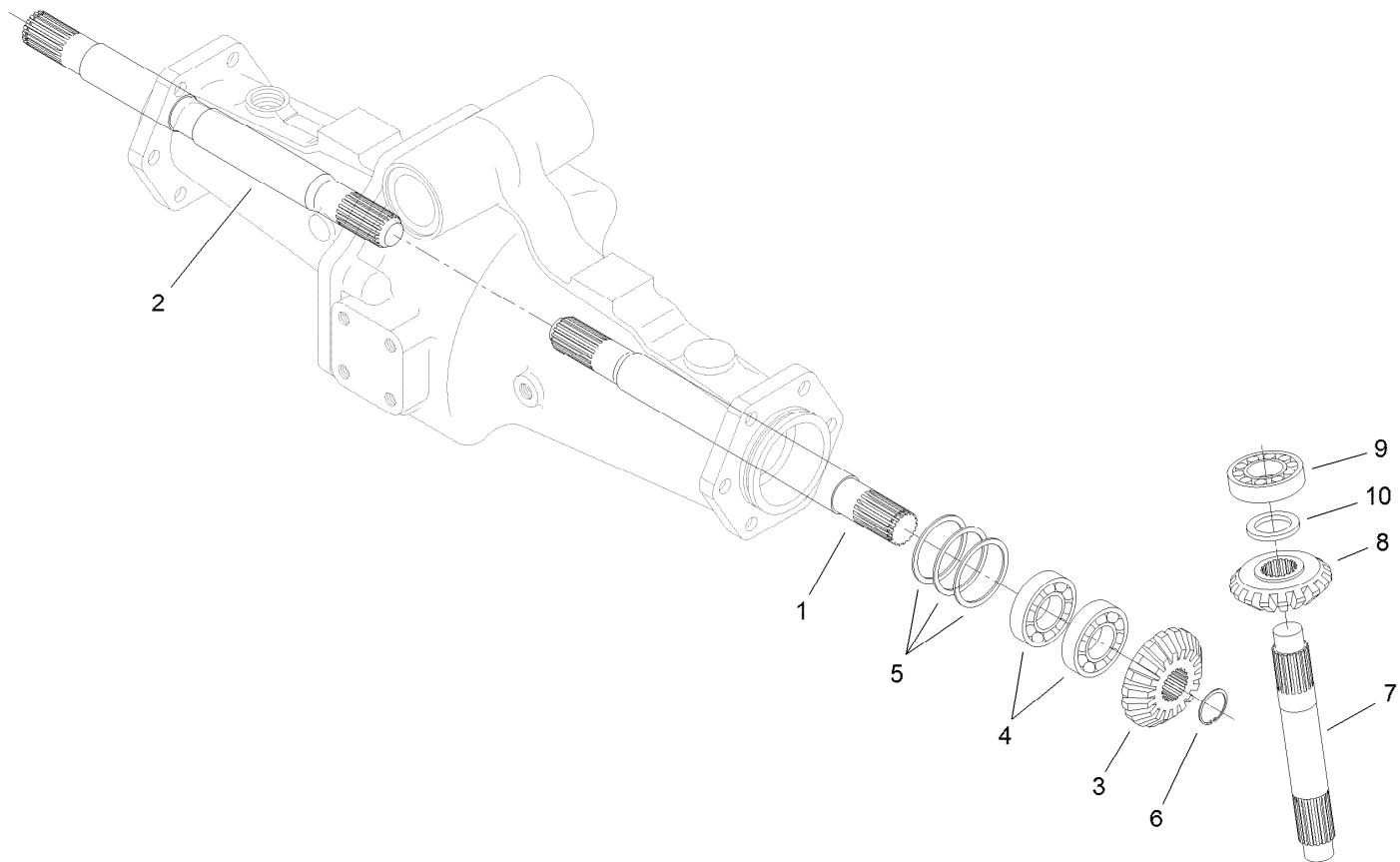
Ref.	Part Number	Qty.	Description
1	95-7508	1	Support-Axle
2	95-7506	1	Support-Axle
3	106-1067	1	O-Ring
4	95-7537	2	Bushing-Flanged
5	99-7590	2	Washer-Seal
6	99-7589	2	Plug
7	110-4812	1	Axle Vent
7:3	110-4815	1	Insert-Filter, Foam
8	99-7592	8	Bolt
9	106-1068	2	O-Ring
10	104-2377	1	Extension-Vent
11	104-8643	1	Plug
12	104-8644	1	O-Ring



Bevel Gear Case Assembly Rear Axle Assembly No. 110-4750

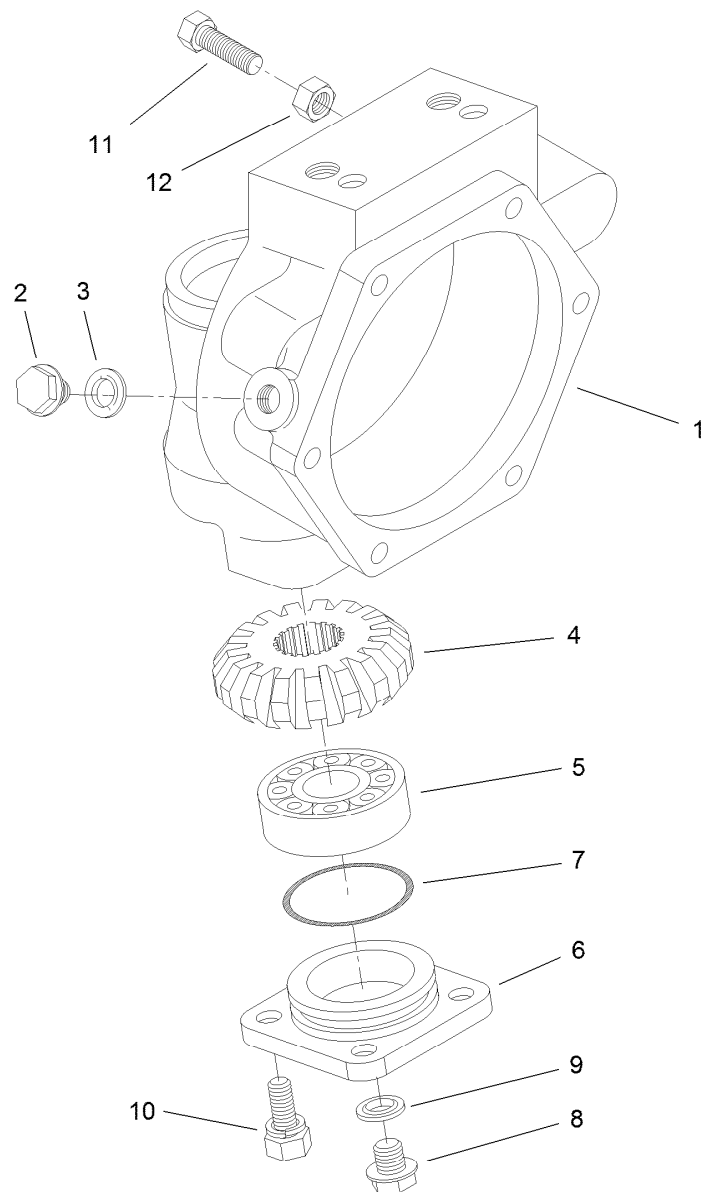
Ref.	Part Number	Qty.	Description
1	110-4752	2	Case-Gear, Bevel
2	110-4754	2	Seal-Oil
3	104-2378	2	Bushing
4	106-1069	2	O-Ring
5	104-2373	2	Knuckle
6	104-2374	8	Bolt
7	100-3768	1	LH Steering Arm ASM
7:2	104-8634	1	Bushing
7:3	106-1104	2	Fitting-Grease
8	100-3766	1	RH Steering Arm ASM
8:2	104-8634	1	Bushing
8:3	106-1104	2	Fitting-Grease
10	95-7547	2	Shim 0.1
10	95-7548	2	Shim 0.2
10	95-7549	2	Shim 0.3

Ref.	Part Number	Qty.	Description
11	99-7597	4	Pin-Dowel
12	104-2375	4	Bolt
13	99-7599	8	Bolt
14	99-7525	4	Stud
15	99-7526	4	Nut
16	99-7527	4	Washer-Spring
18	106-1141	1	Steering Tie Rod ASM
18:2	106-1113	2	Tie Rod End ASM - RH Thread
18:2:1	100-3853	1	Cover-Dust
18:2:2	100-3854	1	Nut-Castle
18:2:3	110-4755	1	Fitting-Grease
18:5	100-3855	2	Bolt
18:6	99-7527	2	Washer-Spring
18:7	99-7526	2	Nut



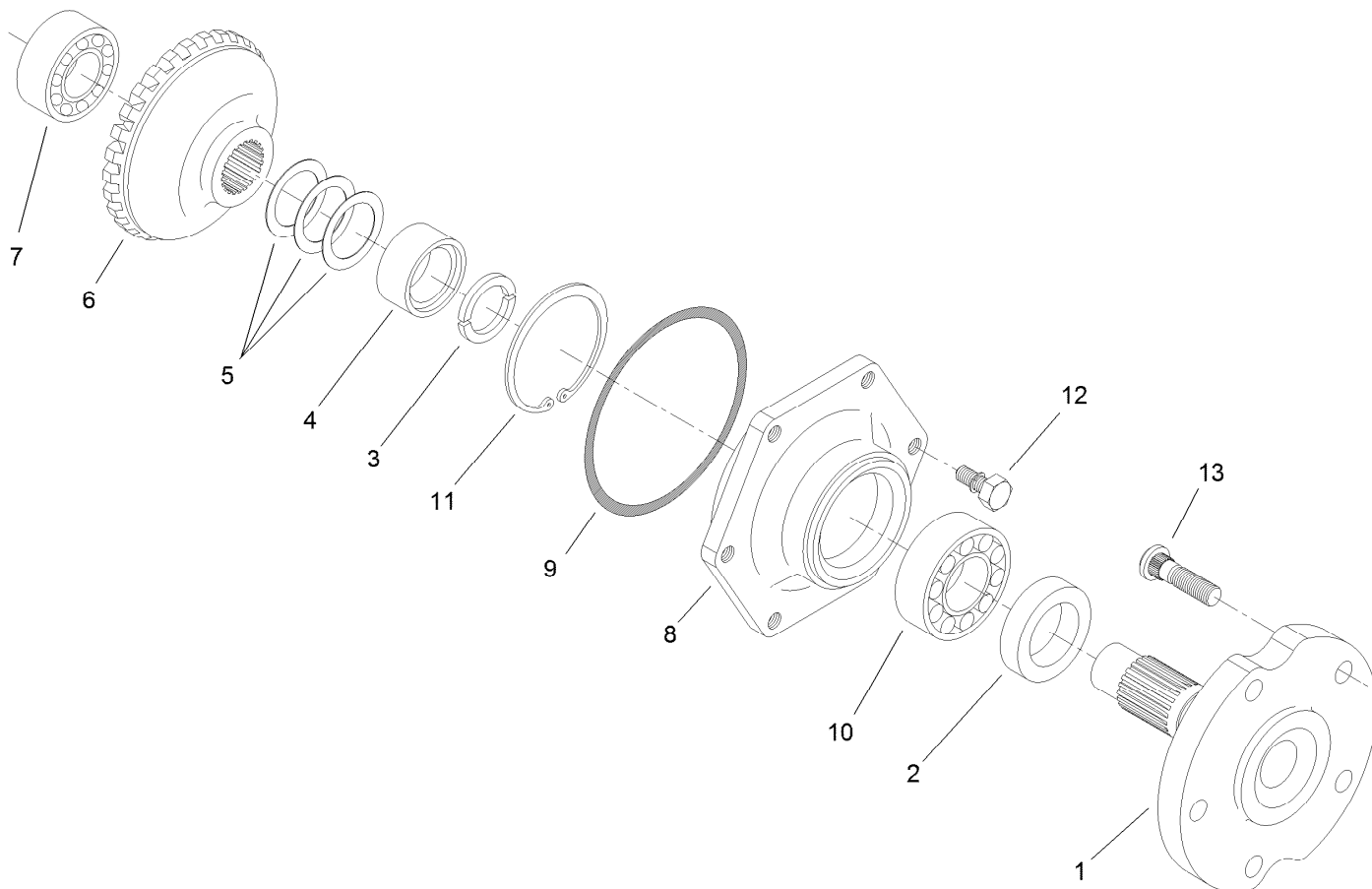
Bevel Gear Shaft Assembly Rear Axle Assembly No. 110-4750

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	95-7509	1	Shaft-Gear, Differential
2	95-7512	1	Shaft-Gear, Differential
3	95-7517	2	Gear-Bevel, 15 Tooth
4	119-8558	4	Bearing-Noseal
5	99-7552	2	Shim 0.1
5	99-7553	2	Shim 0.2
5	99-7554	2	Shim 0.5
6	99-7531	2	Clip
7	110-4753	2	Shaft-Gear, Bevel
8	95-7519	2	Gear-Bevel, 17 Tooth
9	99-7532	2	Bearing-Roller, Taper
10	99-7558	2	Collar



Axle Case Assembly Rear Axle Assembly No. 110-4750

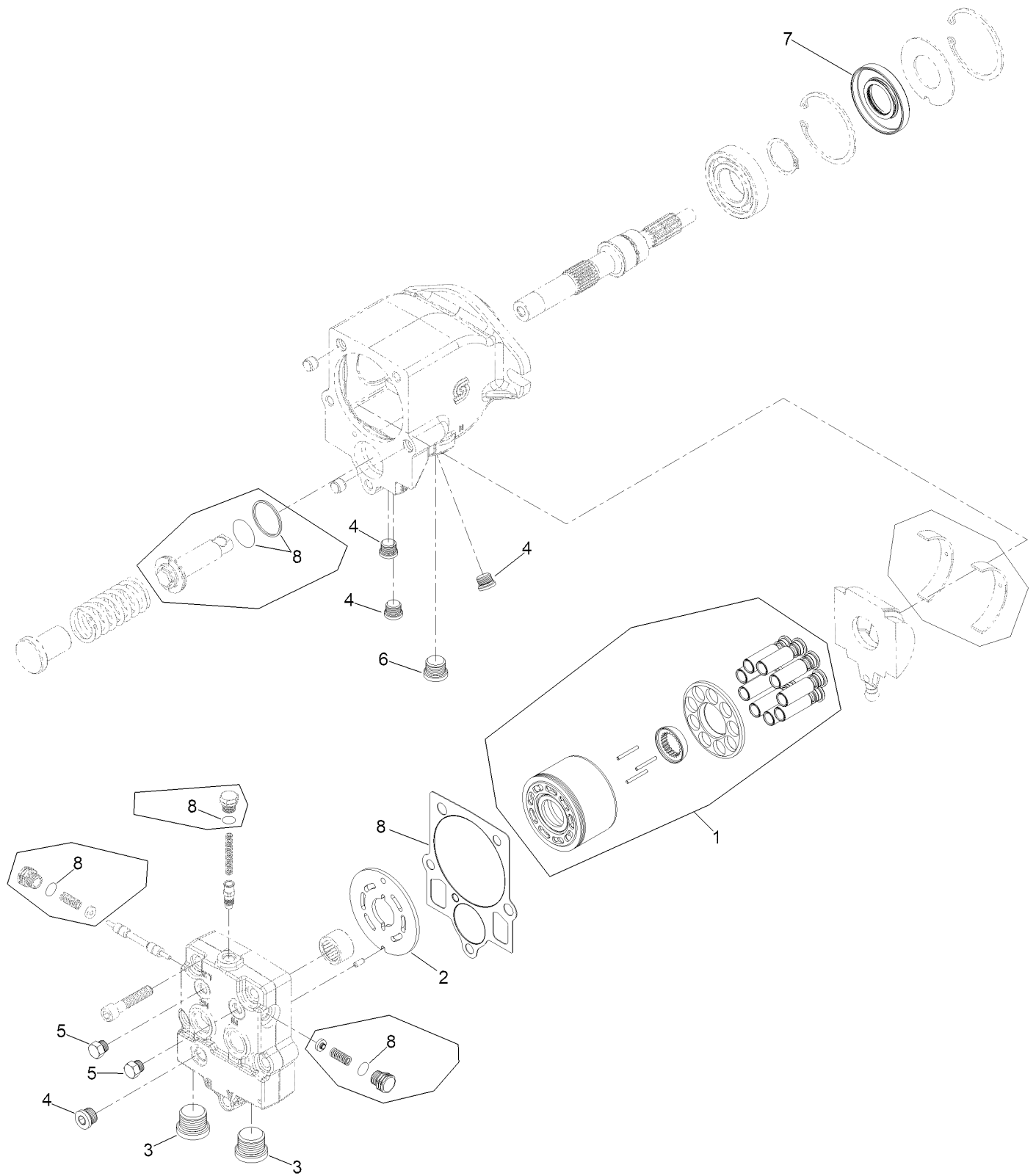
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-4751	2	Case-Axle
2	99-7535	2	Plug
3	99-7536	2	Washer-Seal
4	95-7527	2	Gear-Bevel, 17 Tooth
5	99-7532	2	Bearing-Roller, Taper
6	100-2560	2	Cover
7	106-1070	2	O-Ring
8	99-7589	2	Plug
9	99-7590	2	Washer-Seal
10	100-2562	8	Bolt
11	106-1102	2	Bolt-Stop
12	106-1103	2	Nut



Axle Assembly Rear Axle Assembly No. 110-4750

Ref.	Part Number	Qty.	Description
1	95-7522	2	Axle
2	99-7564	2	Seal-Oil
3	95-7544	4	Clip
4	95-7523	2	Spacer
5	99-7555	2	Shim 0.3
5	99-7556	2	Shim 0.2
5	99-7557	2	Shim 0.5
6	95-7524	2	Gear-Bevel, 29 Tooth
7	99-7534	2	Bearing-Ball
8	95-7521	2	Cover-Axle
9	106-1071	2	O-Ring
10	93-7775	2	Bearing-Ball
11	99-7539	2	Clip
12	104-2374	12	Bolt
13	99-7563	10	Stud

Rear Piston Motor No. 136-2938

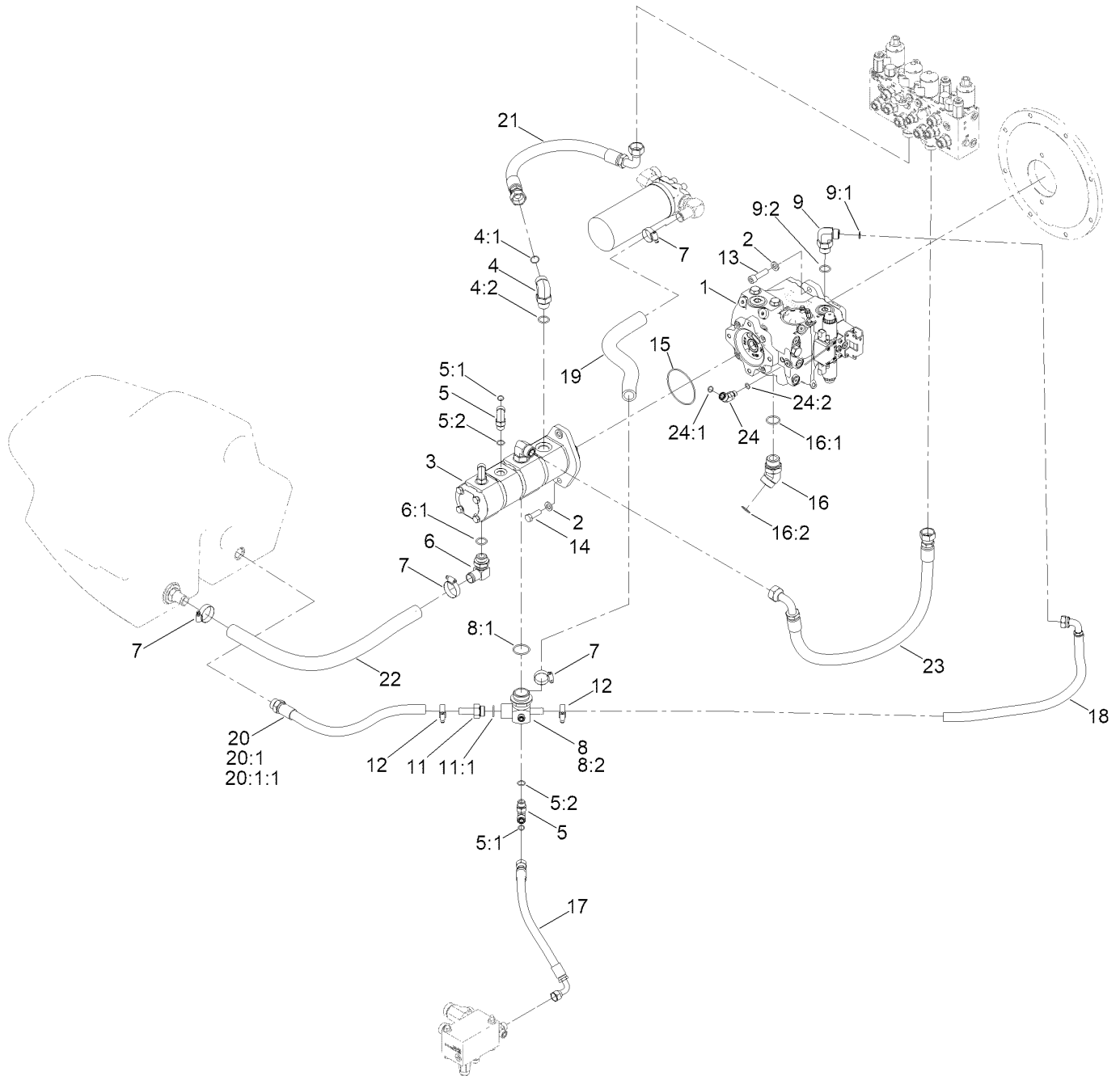


Rear Piston Motor No. 136-2938 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-4639	1	Cylinder Block Kit
2	136-3314	1	Plate-Valve
3	69-3130	2	Plug
4	69-3080	4	Plug

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	92-1352	2	Plug
6	67-9090	1	Plug
7	127-6214	1	Seal-Lip
8	138-7823	1	Overhaul Seal Kit

Hydraulic System Assembly



Hydraulic System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-2940	1	Pump-Piston, 45Cc	12	2412-129	2	Clamp-Hose
2	137-5550	4	Washer-Thrust	13	131-0661	2	Screw-HSH
3	114-4189	1	4-Section Pump ASM	14	121-1525	2	Screw-HH
4	340-142	2	Fitting-Elbow, 90 DEG	15	107-9447	1	O-Ring
4:1	237-58	1	O-Ring	16	104-3509	2	Fitting-HYD, 45 DEG
4:2	237-81	1	O-Ring	16:1	237-146	1	O-Ring
5	340-98	3	Fitting-Elbow, 90 DEG	16:2	340-65	1	O-Ring
5:1	237-79	1	O-Ring	17	125-4616	1	Hose ASM
5:2	237-30	1	O-Ring	18	136-2926	1	Hose ASM
6	100-4202	1	Fitting-90	19	163-2612	1	Hose-Suction
6:1	237-81	1	O-Ring	20	121-3079	1	Hose ASM
7	2412-111	4	Clamp-Hose, W/Liner	20:1		1	Fitting-Straight ●
8	120-8016	1	Fitting-Tee	20:1:1	237-81	1	O-Ring
8:1	237-101	1	O-Ring	21	105-3874	1	Hose ASM
8:2	237-22	1	O-Ring	22	147-6054	1	Hose-Strainer
9	340-139	1	Fitting-Elbow 90	23	115-4384	1	Hose-HYD
9:1	237-81	1	O-Ring	24	340-96	1	Adapter
9:2	237-65	1	O-Ring	24:1	237-30	1	O-Ring
11	121-1526	1	Fitting-STR	24:2	237-42	1	O-Ring
11:1	237-81	1	O-Ring				

● Not serviced separately

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or engine part. The central component is a main housing or block (28) with various ports and mounting points. Surrounding it are numerous sub-assemblies and individual parts, each labeled with a number or a reference code.

Key Components and Sub-assemblies:

- Top Assembly (Left):** Includes a shaft (5) with a pulley (8) and a bearing (35:7). A bracket (6) and a nut (7) are also shown.
- Top Assembly (Right):** Features a cylindrical component (35:9) with a flange (35:10) and a mounting bracket (35:11).
- Central Housing (28):** The main body of the assembly, featuring a large circular opening and several smaller ports.
- Bottom Assembly (Left):** Includes a bracket (3) with a mounting plate (23) and a screw (24). A sub-assembly (35:5) is also shown.
- Bottom Assembly (Right):** Features a bracket (34) with a mounting plate (26) and a screw (27). A sub-assembly (35:2) is also shown.
- Other Components:** Various screws (22, 25, 26, 27, 28, 30, 31, 32, 33, 35:1, 35:2, 35:3, 35:4, 35:6, 35:8, 35:9, 35:10, 35:11), washers (12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35:1, 35:2, 35:3, 35:4, 35:6, 35:8, 35:9, 35:10, 35:11), and O-rings (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35:1, 35:2, 35:3, 35:4, 35:6, 35:8, 35:9, 35:10, 35:11) are shown in their respective positions.

The diagram uses dashed lines to indicate the assembly path and alignment of the components. The numbering system is consistent throughout, allowing for easy identification of each part.

35 = included in overhaul seal kit

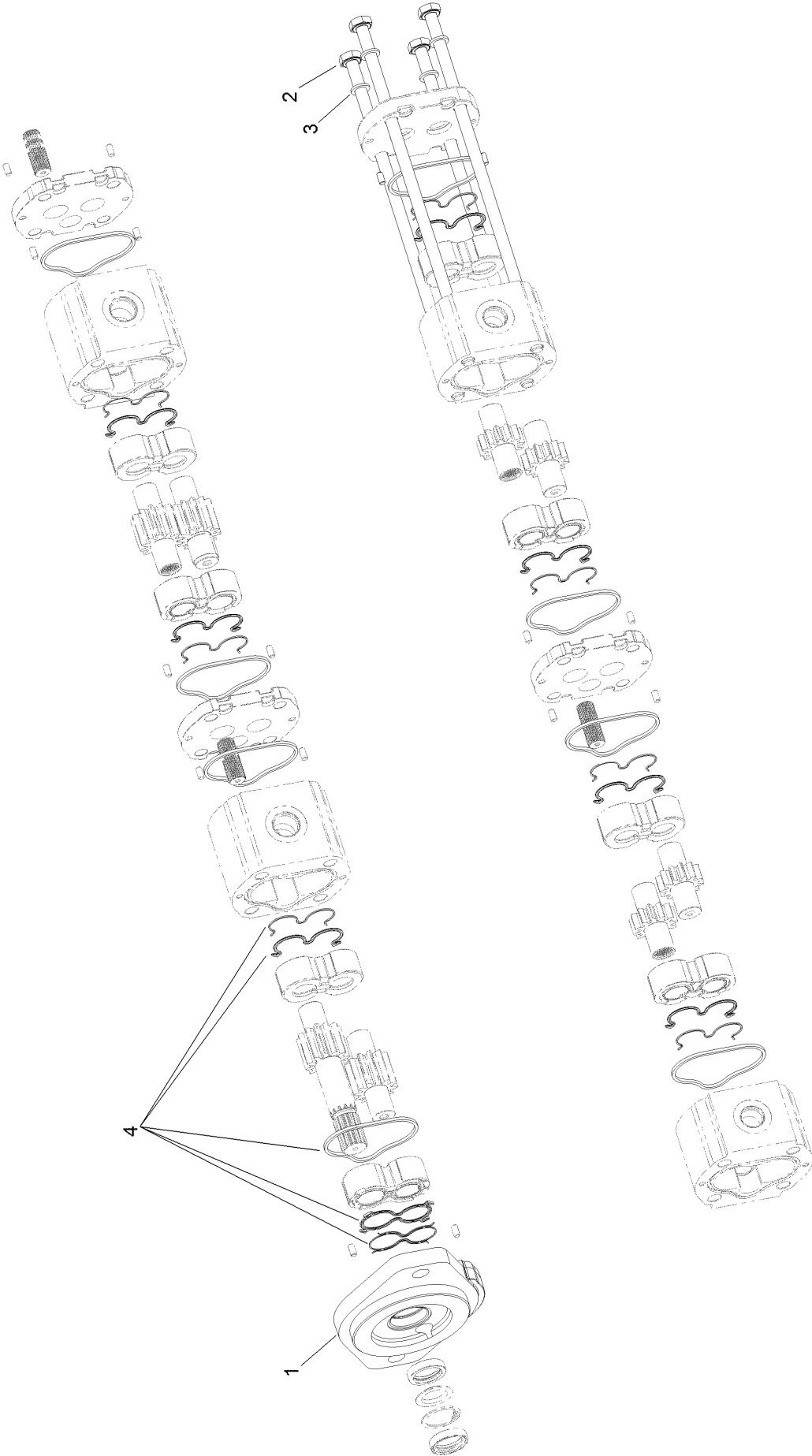
Hydraulic Pump Assembly No. 136-2940 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-3209	1	Control Kit (12 Volt)	24	92-1353	1	Shim Kit
1:1	132-6204	2	Coil Kit	25	125-5301	1	Plug
1:2	125-5288	2	O-Ring	26	75-0240	2	O-Ring
1:3	125-5273	1	Nut-Seal	27	84-0560	2	O-Ring
1:4	75-0170	1	Plug-Thread, Straight	28	69-3080	6	Plug
1:4:1	92-8777	1	O-Ring	29	69-3130	1	Plug
1:5	125-5274	6	Screw	30	75-0170	3	Plug-Thread, Straight
1:6	125-5272	6	Screw	30:1	92-8777	1	O-Ring
1:7	136-3213	1	Gasket-Control	31	125-5270	2	Screw
1:8	136-3218	1	Sensor Kit	32	110-6485	1	Pin-Slotted
2	125-5294	2	Coil Kit	33	136-4393	1	Valve-Relief, High Pressure
3	136-4397	1	Charge Relief Kit	34	136-3214	1	Valve-Relief, High Pressure (360 Bar)
5	136-4399	1	Shaft	35	132-6205	1	Overhaul Seal Kit
6	136-3211	1	Bearing-Ball	35:1	75-0240	2	O-Ring
7	69-3170	1	Ring-Retaining	35:2	84-0560	2	O-Ring
8	69-3200	2	Ring-Retaining	35:3	125-5288	2	O-Ring
9	127-6214	1	Seal-Lip	35:4	136-3213	1	Gasket-Control
10	136-4398	1	Valve Plate	35:5	28-3570	1	O-Ring
11	132-6206	1	O-Ring	35:6	132-6206	1	O-Ring
12	125-5288	2	O-Ring	35:7	127-6214	1	Seal-Lip
13	131-7388	2	O-Ring	35:8		1	Gasket ■
14	125-5274	6	Screw	35:9		2	O-Ring ■
15	75-0170	1	Plug-Thread, Straight	35:10		2	Piston Ring ■
15:1	92-8777	1	O-Ring	35:11		2	O-Ring ■
16	125-5273	1	Nut-Seal	36	136-3215	1	Pin
17	125-5272	6	Screw	37	136-3216	1	Screw, M6 X 35
18	136-3213	1	Gasket-Control	38	136-3217	1	Link - Swashplate Feedback
21	125-5282	4	Screw	39	136-3218	1	Sensor Kit ●
22	125-5270	4	Screw	40	136-3219	2	Plug ASM
23	28-3570	1	O-Ring				

● Not illustrated

■ Not serviced separately

Four Section Pump Assembly No. 114-4189

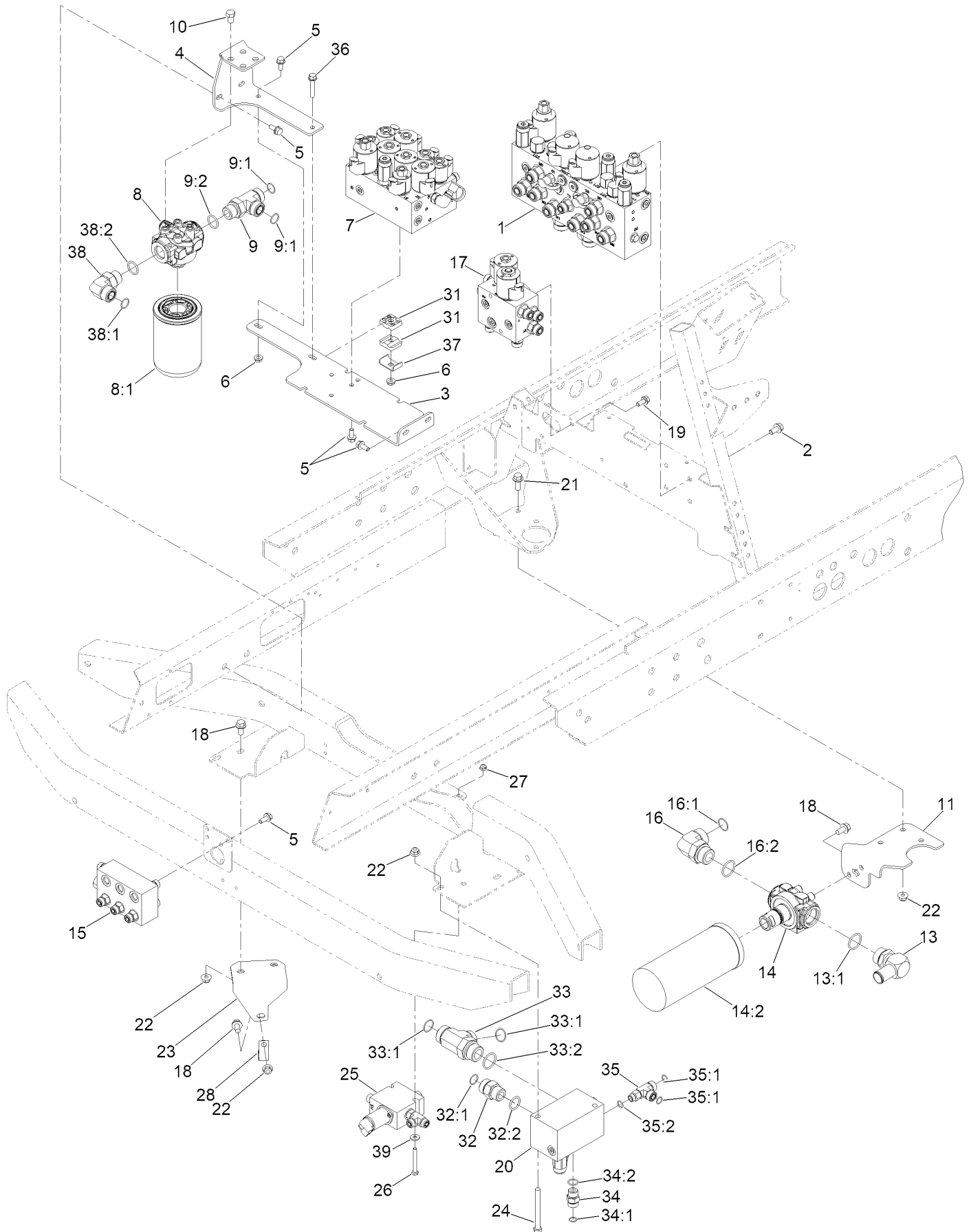


Four Section Pump Assembly No. 114-4189 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-3774	1	Cover-Front
2	115-4444	4	Bolt

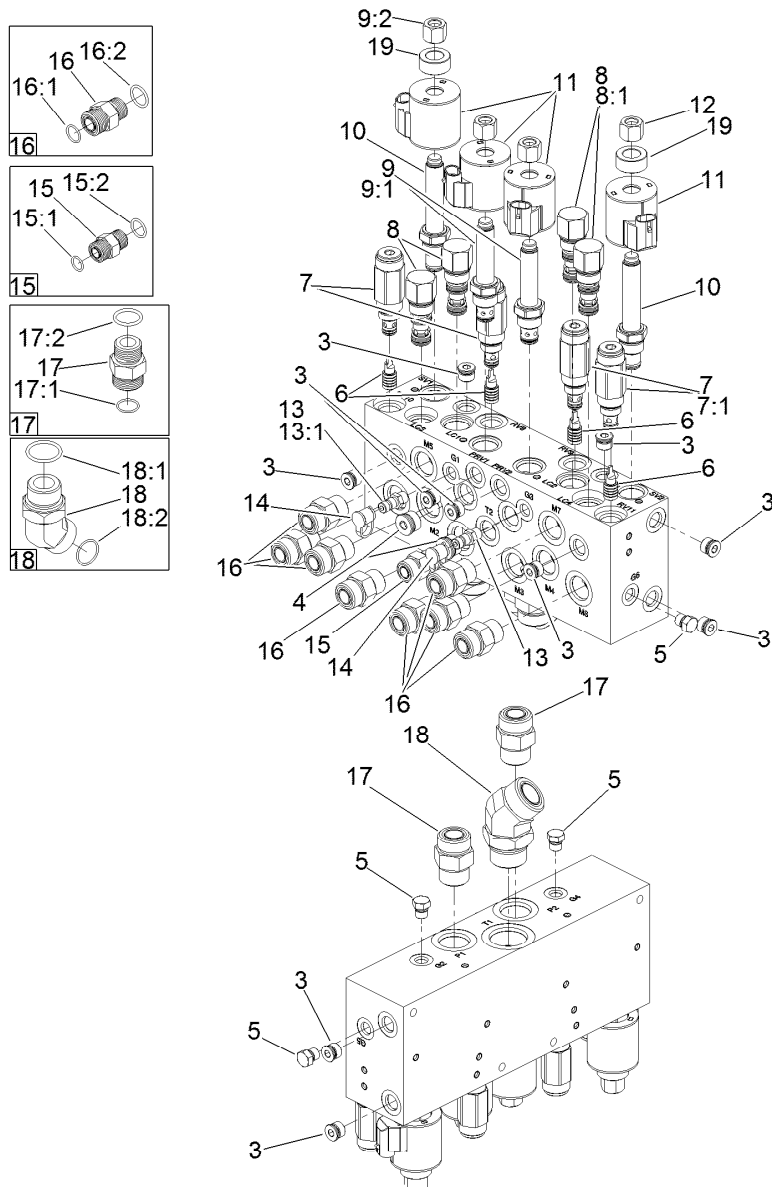
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	115-9138	4	Washer
4	115-3776	1	Seal Kit

Hydraulic Valve Mounting Assembly



Hydraulic Valve Mounting Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-2916	1	Mow Manifold ASM	22	119-4042	7	Nut-HF, NI
2	110-1718	4	Screw-HHSF,Patch	23	121-3089-0P	1	Plate-Mount,Tube
3	139-5957-0P	1	Bracket-Valve Mount	24	323-42	2	Screw-HH
4	104-5492-0P	1	Bracket-Filter Head	25	138-6946	1	3-Way Valve Manifold ASM
5	3234-5	9	Screw-HHF	26	321-18	2	Screw-HH
6	32128-20	2	Nut-HF	27	104-7201	2	Nut-HF, NI
7	117-2389	1	Lift Manifold ASM	28	2412-150	1	Clip-J
8	93-2242	1	Oil Filter ASM	31	56-7973	2	Clamp-Tube
8:1	75-1310	1	Filter-HYD	32	340-9	1	Fitting-STR
9	340-148	1	Fitting-Tee	32:1	237-58	1	O-Ring
9:1	237-81	1	O-Ring	32:2	237-81	1	O-Ring
9:2	237-58	2	O-Ring	33	104-3795	1	Fitting-Tee
10	33115-016	4	Screw-HH	33:1	340-65	2	O-Ring
11	120-8022-0P	1	Plate-Mount,Filter	33:2	237-146	1	O-Ring
13	23-8910	1	Stem-Barb-90	34	340-4	1	Fitting-Straight
13:1	237-146	1	O-Ring	34:1	237-30	1	O-Ring
14	139-1010	1	Filter Head ASM	34:2	237-79	1	O-Ring
14:2	94-2621	1	Element-Filter	35	110-0064	1	Fitting-Tee
15	117-2394	1	Junction Manifold ASM	35:1	237-30	2	O-Ring
16	340-129	1	Fitting-Elbow, 90 DEG	35:2	237-42	1	O-Ring
16:1	237-146	1	O-Ring	36	94-5780	1	Screw-HWH
16:2	340-65	1	O-Ring	37	119-1418	1	Plate-Clamp, Short
17	117-2395	1	Fan Drive Manifold ASM	38	340-142	1	Fitting-Elbow, 90 DEG
18	3234-1	5	Screw-HHF	38:1	237-58	1	O-Ring
19	100-1668	2	Screw-HHF	38:2	237-81	1	O-Ring
20	136-3341	1	Rear Traction Manifold ASM	39	3256-2	2	Washer-Flat
21	3234-11	2	Screw-HHF				

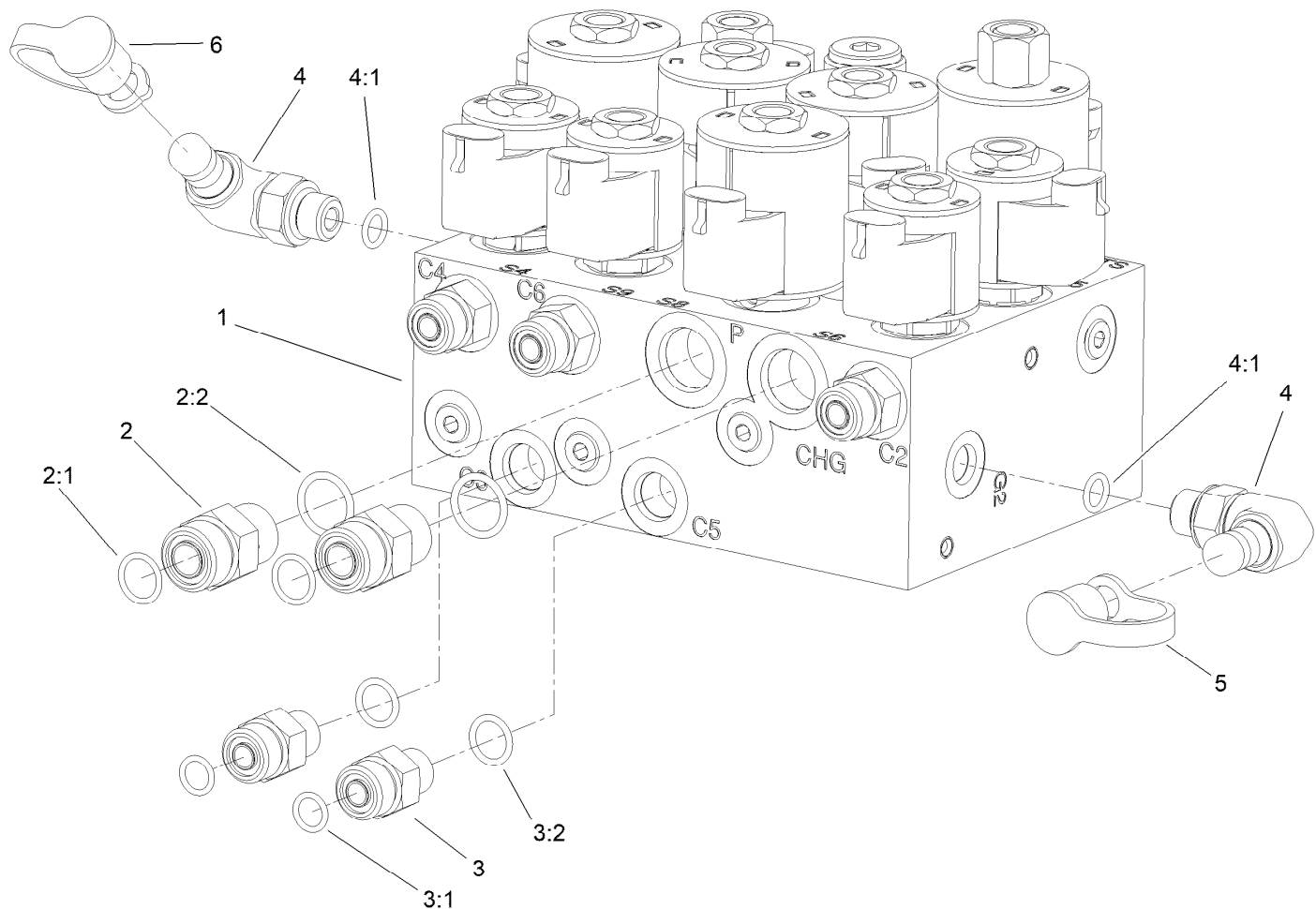


Mow Manifold Assembly No. 136-2916

Ref.	Part Number	Qty.	Description
3	112-9213	10	Plug
4	106-1027	2	Plug
5	117-0115	4	Plug
6	105-9157	4	Piston-Pilot
7	112-5259	4	Valve-Relief
7:1	105-9156	1	Seal Kit
8	105-9153	4	Element-Logic, Vented
8:1	119-2159	1	Seal Kit
9	110-8799	2	Valve-Relief, Proportional
9:1	110-6316	1	Seal Kit
9:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
10	136-3279	2	Valve-Proportional
11	110-6344	4	Coil-12V, DC
12		4	Coil Nut ●
13	354-77	2	Fitting-Quick
13:1	237-78	1	O-Ring

Ref.	Part Number	Qty.	Description
14	354-79	2	Cap-Dust
15	340-4	1	Fitting-Straight
15:1	237-30	1	O-Ring
15:2	237-79	1	O-Ring
16	340-7	8	Fitting-Straight
16:1	237-65	1	O-Ring
16:2	237-80	1	O-Ring
17	340-9	2	Fitting-STR
17:1	237-58	1	O-Ring
17:2	237-81	1	O-Ring
18	104-3509	1	Fitting-HYD, 45 DEG
18:1	237-146	1	O-Ring
18:2	340-65	1	O-Ring
19		2	Coil Spacer ●

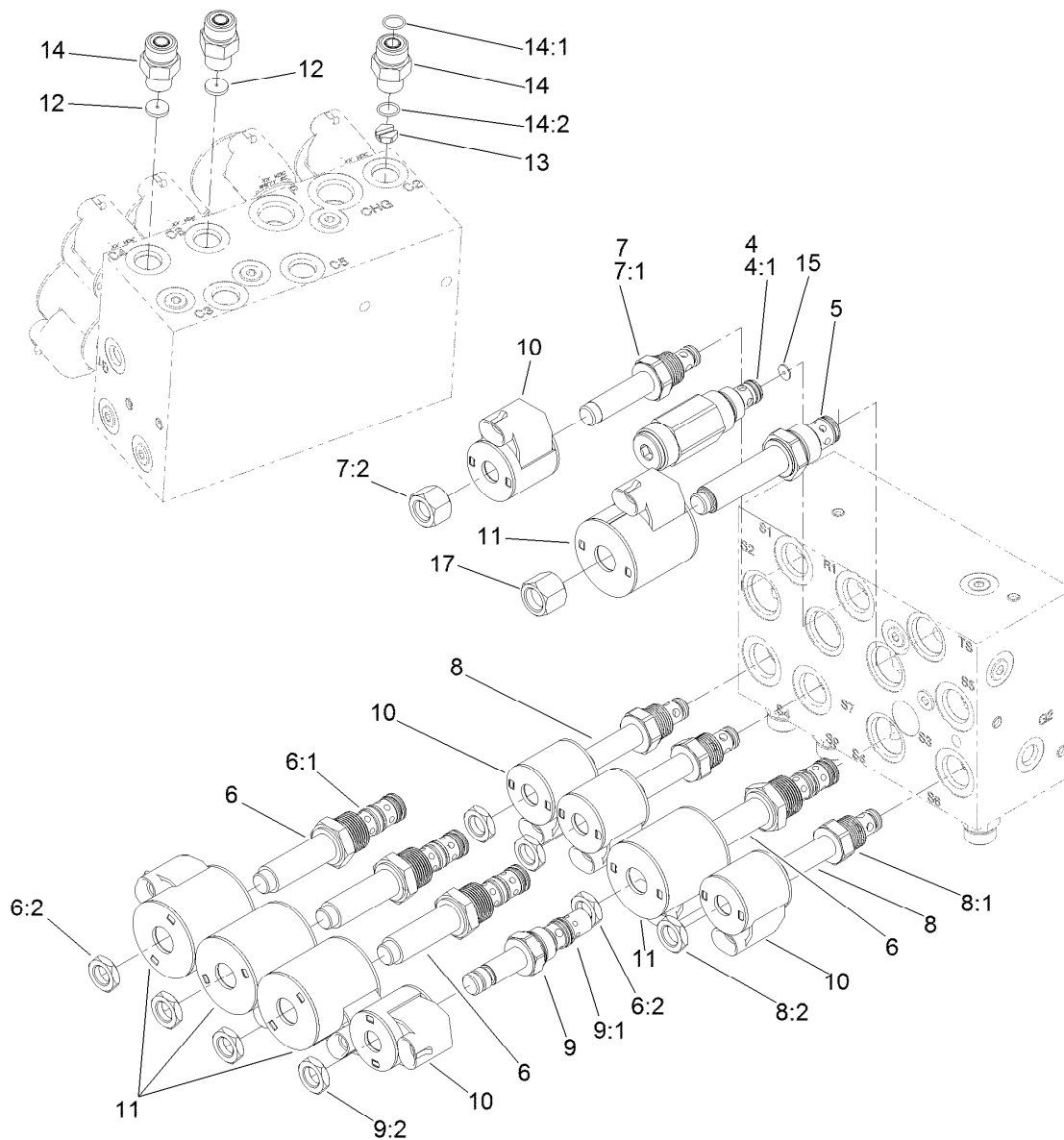
● Not serviced separately



Lift Manifold Assembly No. 117-2389

Ref.	Part Number	Qty.	Description
1		1	Manifold-Lift ●
2	340-4	2	Fitting-Straight
2:1	237-30	1	O-Ring
2:2	237-79	1	O-Ring
3	340-2	2	Fitting-Straight
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	115-9147	2	Fitting-Elbow, 90 DEG
4:1	237-78	1	O-Ring
5	354-79	1	Cap-Dust
6	353-947	1	Cap-Dust, Black

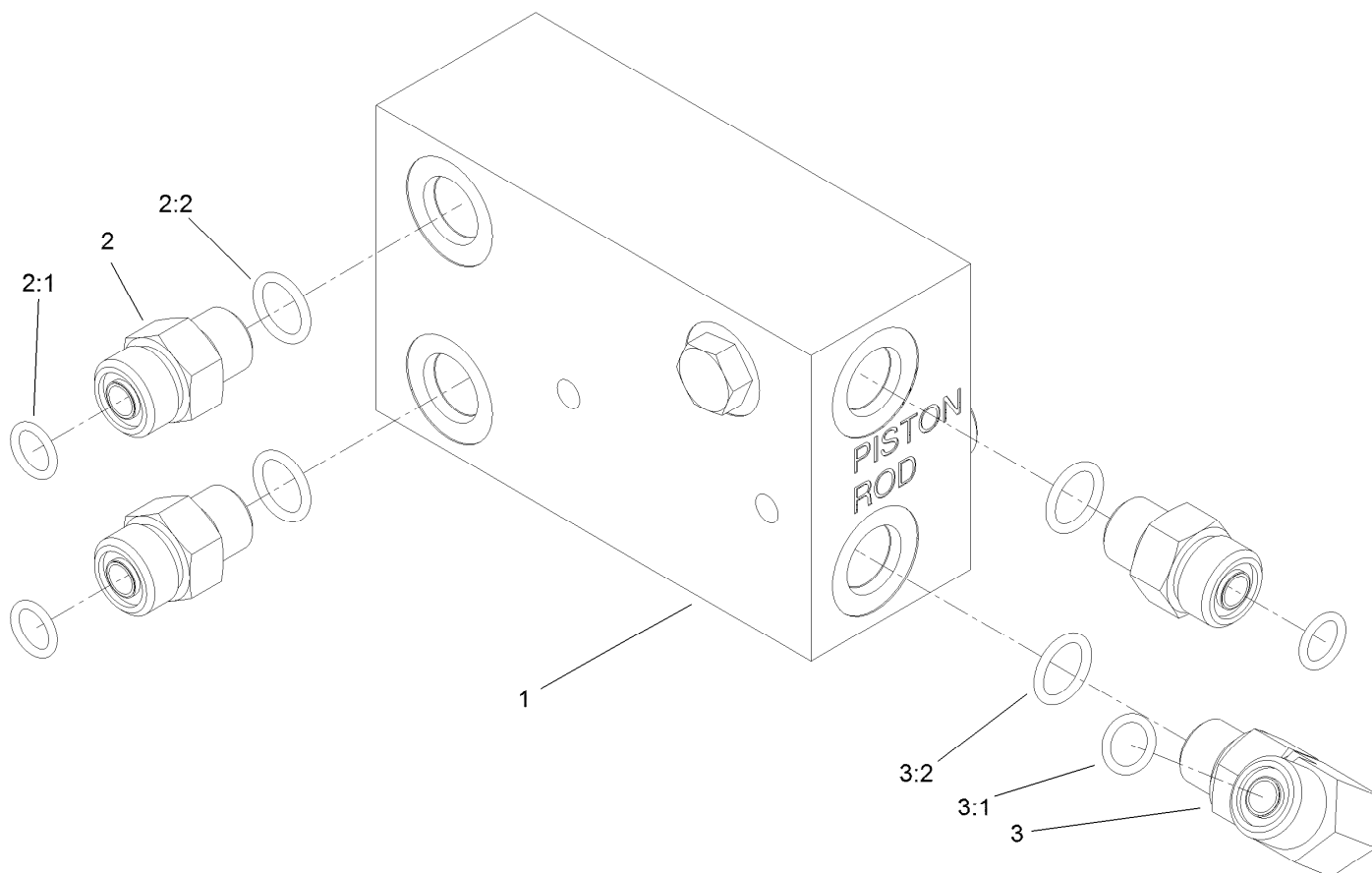
● Not serviced separately



Lift Manifold Assembly

Ref.	Part Number	Qty.	Description
4	127-6371	1	Valve-Relief
4:1	105-9156	1	Seal Kit
5	117-2399	1	Relief Valve-Proportional
6	115-5400	4	Solenoid Valve ASM
6:1	107-7813	1	Seal Kit
6:2	110-2634	1	Nut-Coil
7	107-7517	1	Valve-Solenoid
7:1	105-9156	1	Seal Kit
7:2	107-7812	1	Nut-Solenoid
8	112-9206	3	Solenoid Valve ASM
8:1	105-9156	1	Seal Kit
8:2	110-2634	1	Nut-Coil

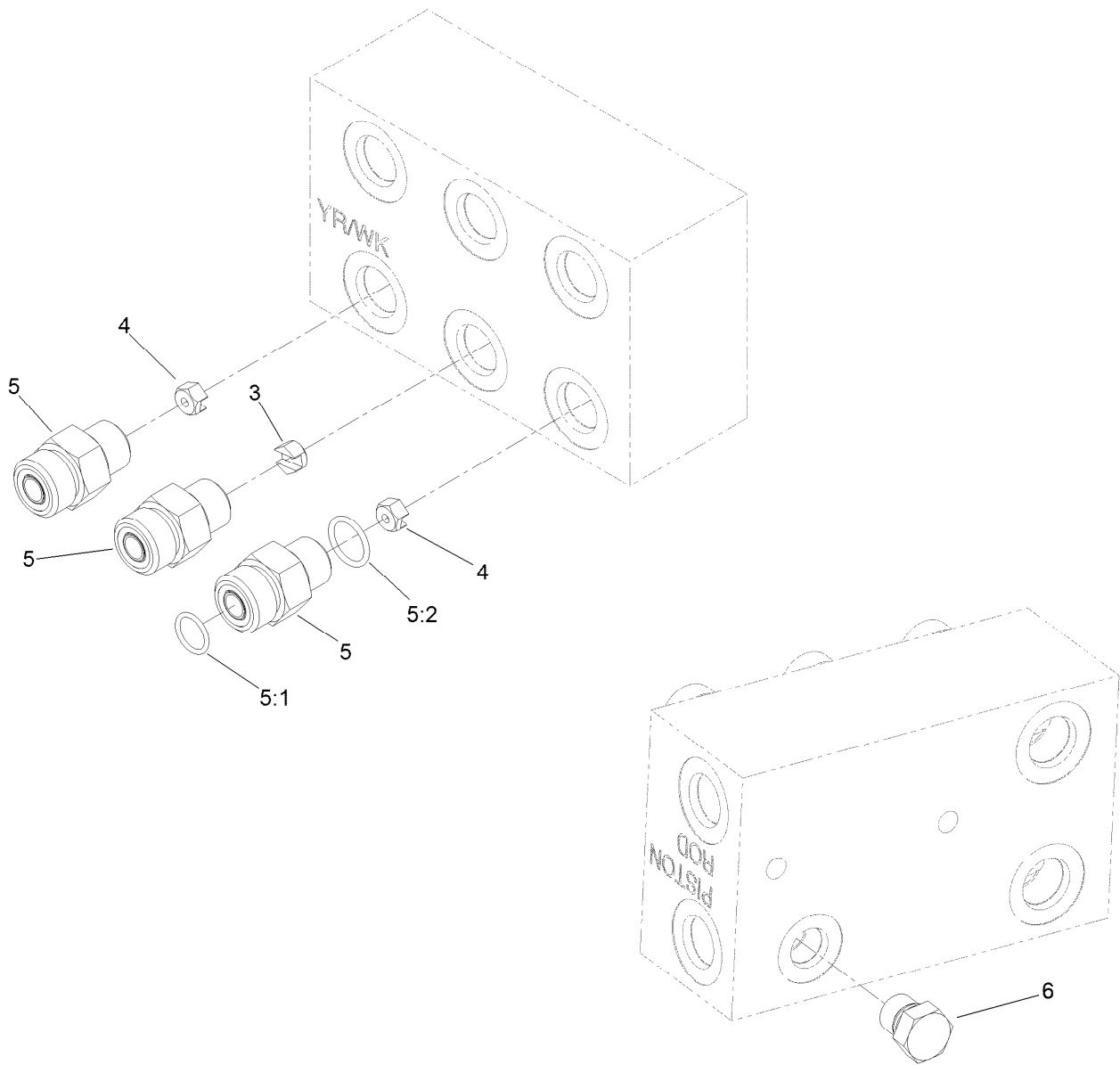
Ref.	Part Number	Qty.	Description
9	115-5405	1	Solenoid Valve ASM
9:1	115-5413	1	Seal Kit
9:2	110-2634	1	Nut-Coil
10	110-0497	5	Coil-Solenoid
11	110-6344	5	Coil-12V, DC
12	117-4757	2	Orifice-Disk, .063
13	117-4756	1	Orifice-Flow Control, .080
14	340-2	3	Fitting-Straight
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring
15	127-6372	1	Orifice Disc,.081
17	130-8181	1	Nut-Coil (1/2-20 Unf-2B)



Junction Manifold Assembly No. 117-2394

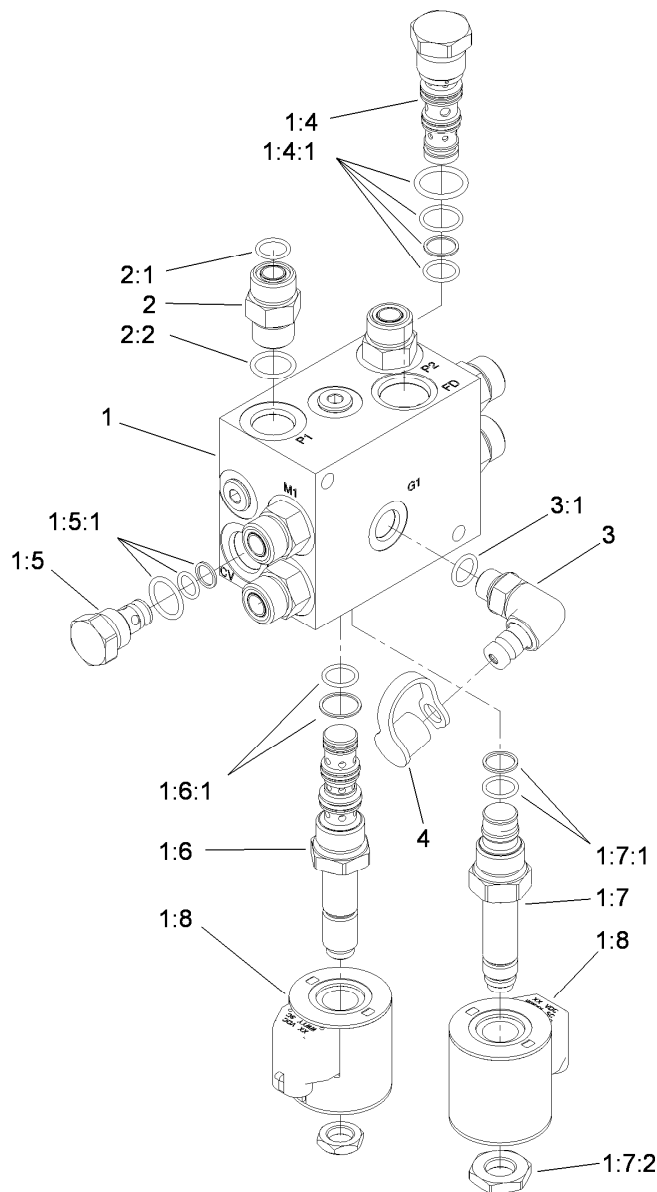
Ref.	Part Number	Qty.	Description
1		1	Manifold-Junction ●
2	340-2	3	Fitting-Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	340-77	1	Fitting-Elbow, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring

● Not serviced separately



Junction Manifold Assembly

Ref.	Part Number	Qty.	Description
3	119-2010	1	Orifice-Control, Flow (0.055)
4	119-2009	2	Orifice-Flow Control (0.030)
5	340-2	3	Fitting-Straight
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	117-0115	1	Plug

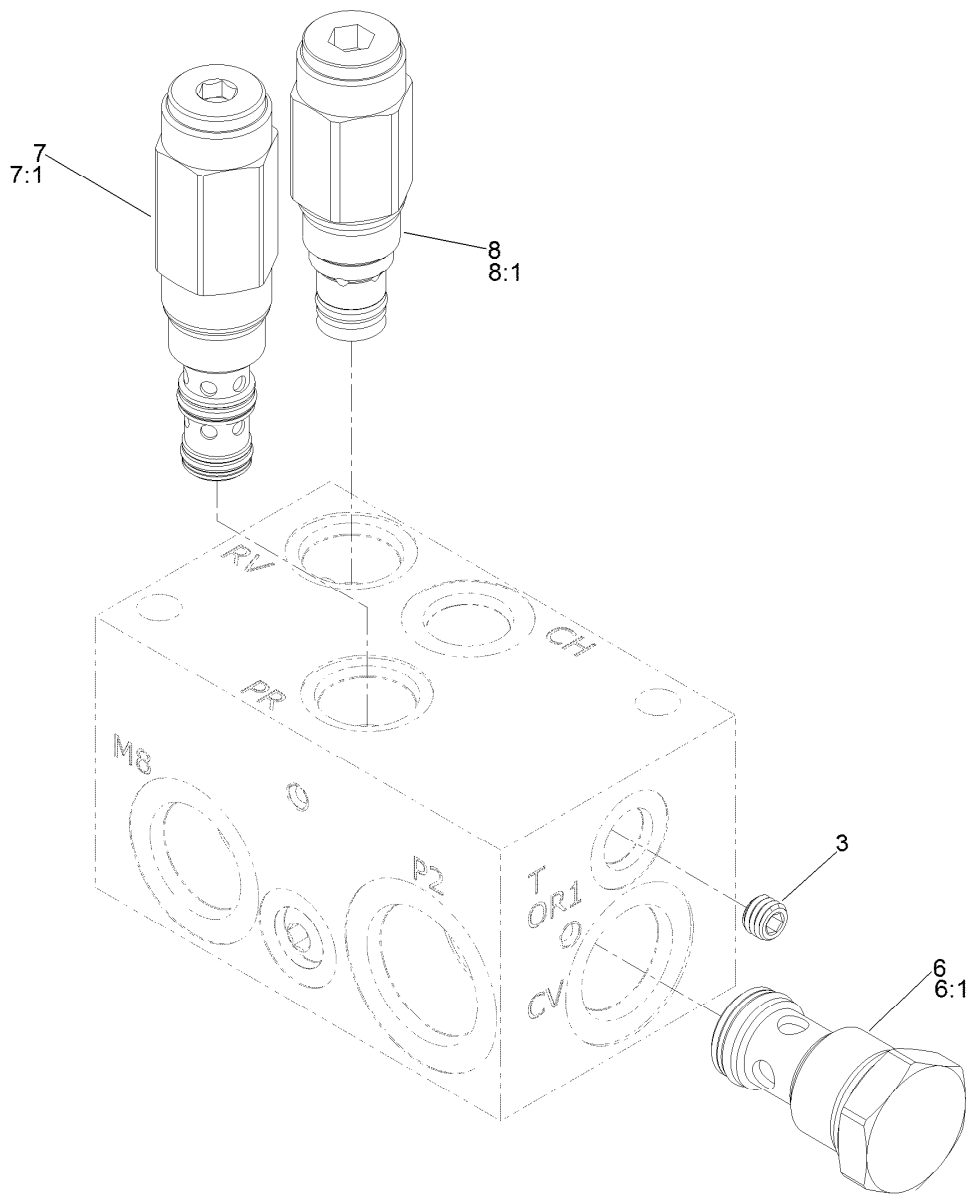


Fan Drive Manifold Assembly No. 117-2395

Ref.	Part Number	Qty.	Description
1		1	Fan Drive Manifold ASM ●
1:4	115-3024	1	Valve-Flow Divider/Combiner
1:4:1	115-3025	1	Seal Kit
1:5	105-9321	1	Check Valve ASM
1:5:1	105-9156	1	Seal Kit
1:6	115-3023	1	Solenoid Valve ASM
1:6:1	110-8908	1	Spool Valve Seal Kit
1:7	115-3022	1	Relief-Proportional

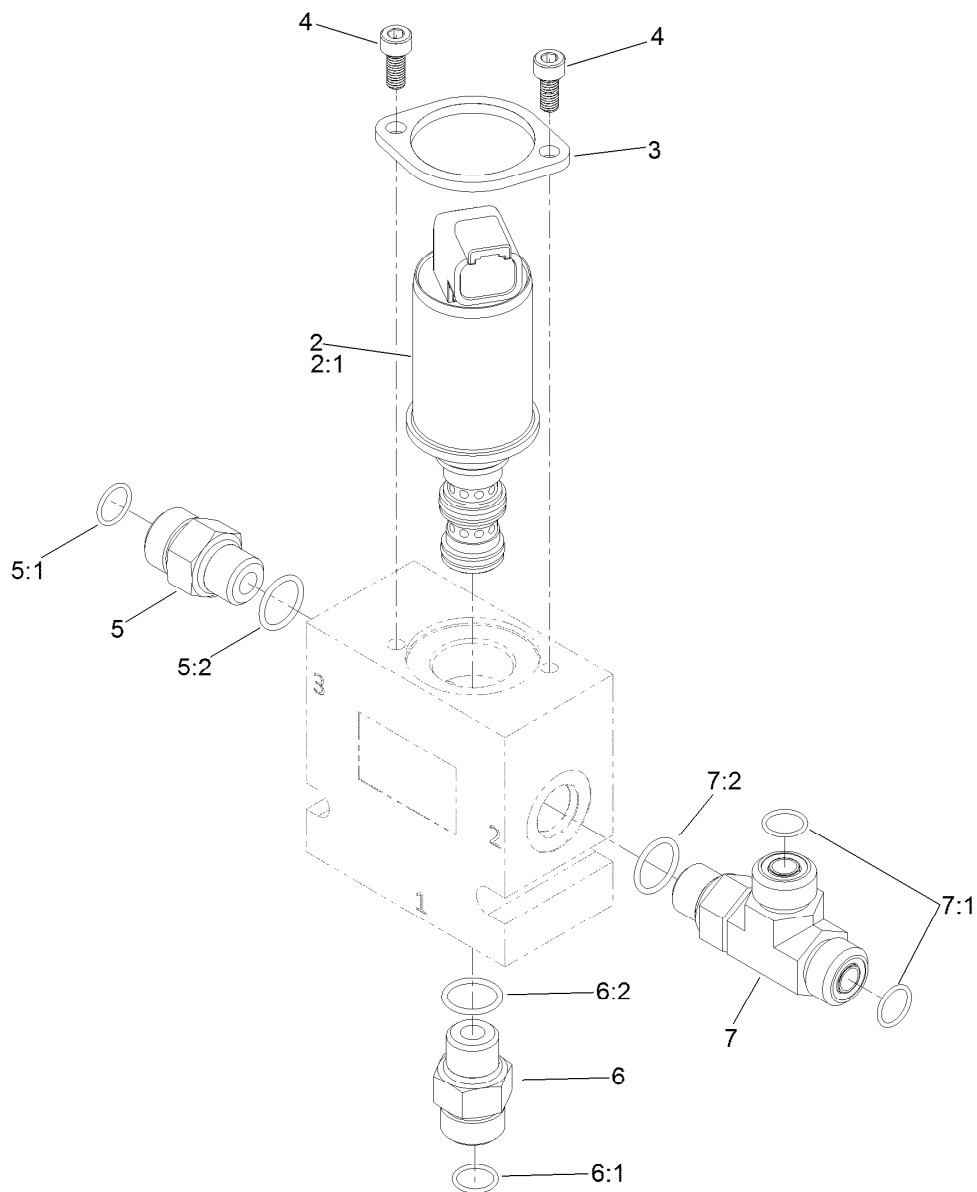
Ref.	Part Number	Qty.	Description
1:7:1	110-6316	1	Seal Kit
1:7:2	119-7715	1	Nut-Coil
1:8	110-6344	2	Coil-12V, DC
2	340-4	7	Fitting-Straight
2:1	237-30	1	O-Ring
2:2	237-79	1	O-Ring
3	115-9148	1	Fitting-Elbow-90
3:1	237-42	1	O-Ring
4	354-79	1	Cap-Dust

● Not serviced separately



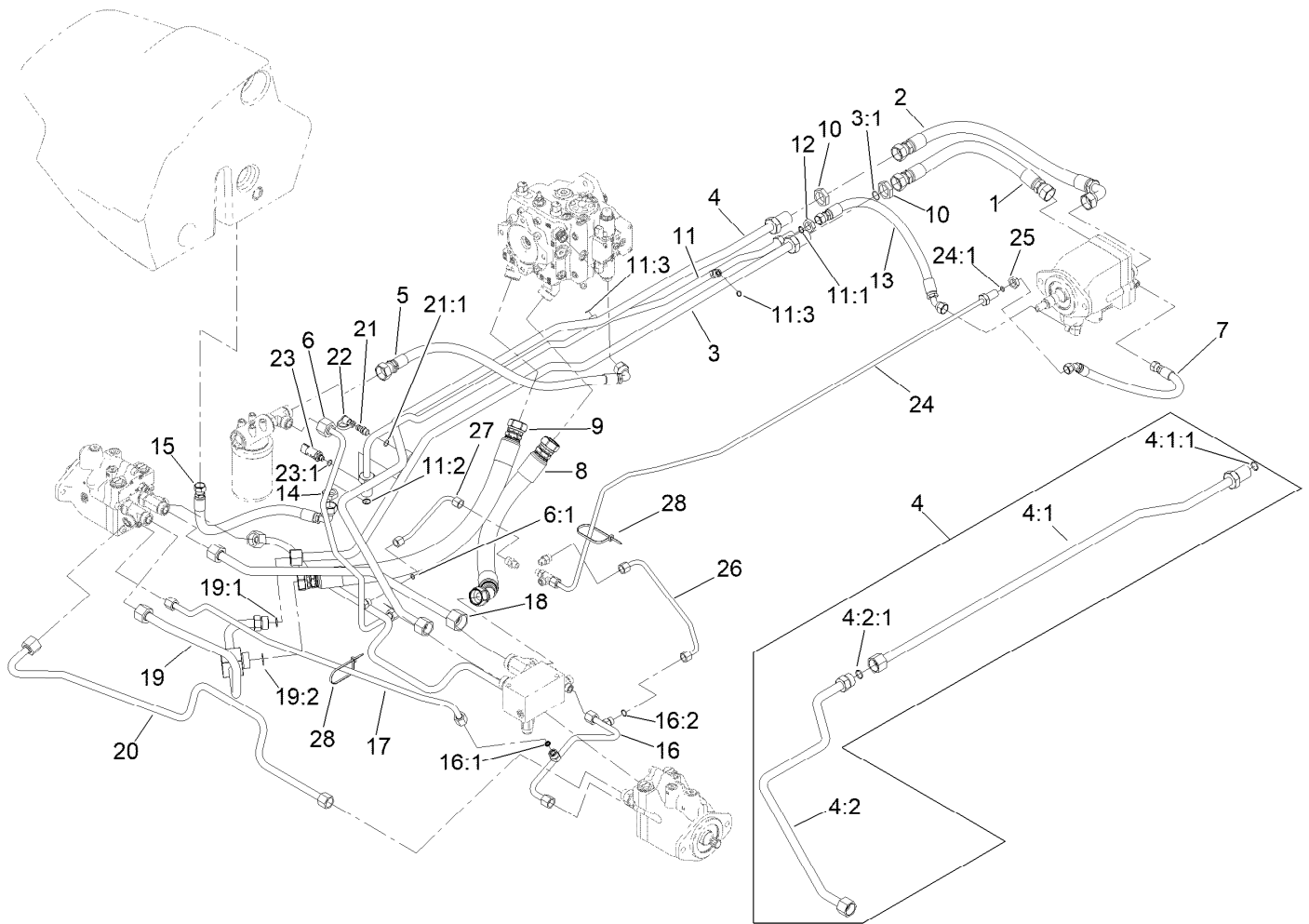
Traction Manifold Assembly No. 136-3341

Ref.	Part Number	Qty.	Description
3	110-0495	1	Plug-Orifice (0.050 Inch)
6	125-4328	1	Valve-Check
6:1	125-4336	1	Seal Kit
7	125-7567	1	Valve-Pressure Reducing
7:1	125-4334	1	Seal Kit
8	136-3342	1	Valve-Relief
8:1	110-6316	1	Seal Kit



3-Way Valve Manifold Assembly No. 138-6946

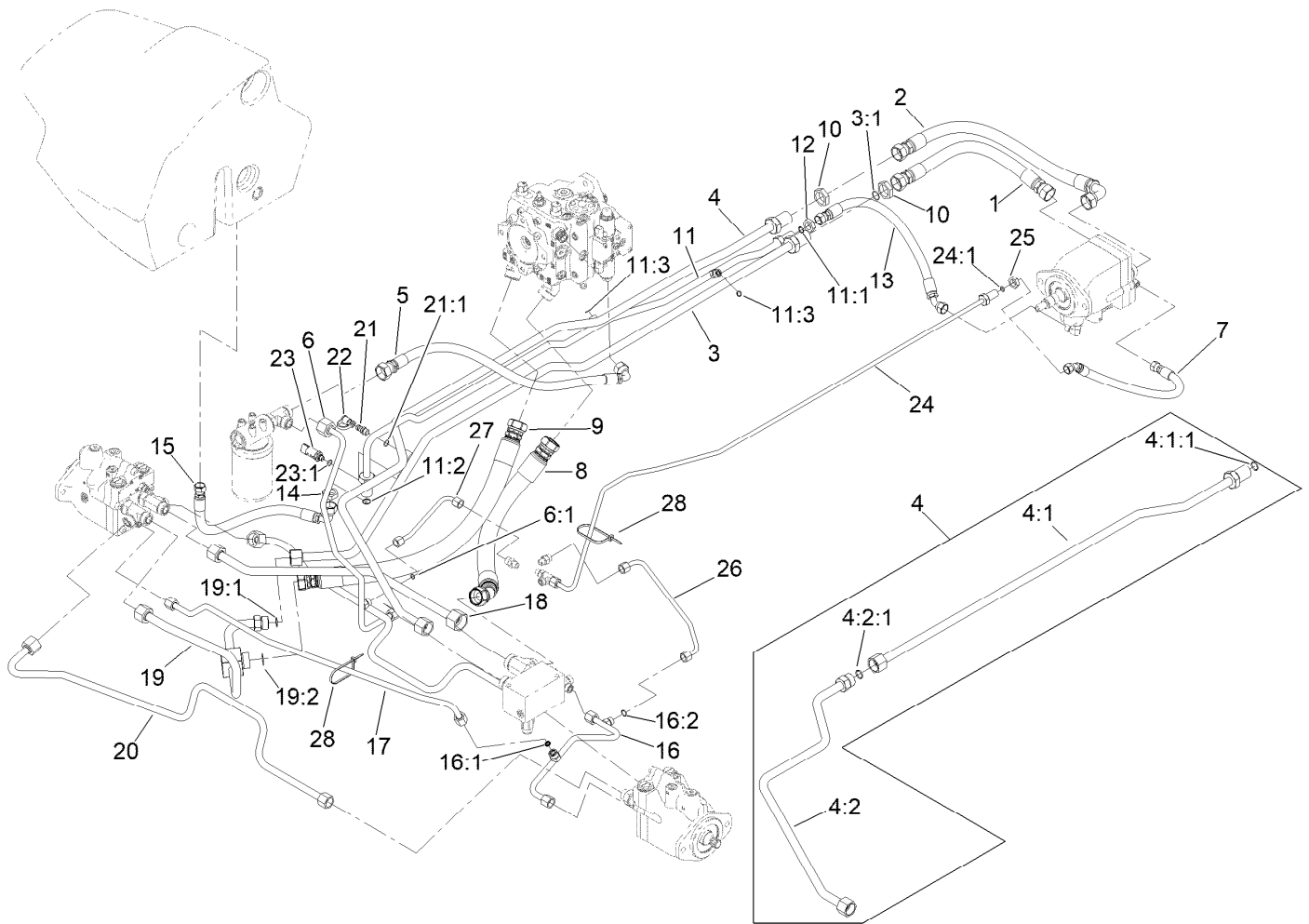
Ref.	Part Number	Qty.	Description
2	138-3828	1	Valve-Solenoid, 3 Way 2 Position
2:1	138-3831	1	Seal Kit
3	138-3825	2	Plate-Mounting, Standard
4	138-3827	1	Screw
5	92-9258	1	Adapter-Check
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-2	1	Fitting-Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-86	1	Fitting-Tee
7:1	237-22	2	O-Ring
7:2	237-42	1	O-Ring



Hydraulic Traction Circuit Assembly

Ref.	Part Number	Qty.	Description
1	120-8053	1	Hose ASM
2	104-3789	1	Filter Hose ASM
3	120-8079	1	Tube ASM
3:1	237-58	1	O-Ring
4	136-2945	1	HYD Tube Kit
4:1	138-1246	1	Tube ASM
4:1:1	237-58	1	O-Ring
4:2	138-1247	1	Tube ASM
4:2:1	237-58	1	O-Ring
5	136-2925	1	Hose ASM
6	120-8047	1	Tube ASM
6:1	237-22	1	O-Ring
7	92-7595	1	Hose-HYD
8	136-2927	1	Hose ASM
9	136-2928	1	Hose ASM
10	340-126	2	Nut-Bulkhead
11	136-2882	1	HYD Tube ASM
11:1	237-30	1	O-Ring
11:2	237-65	1	O-Ring
11:3	237-22	2	O-Ring
12	340-127	1	Nut-Bulkhead

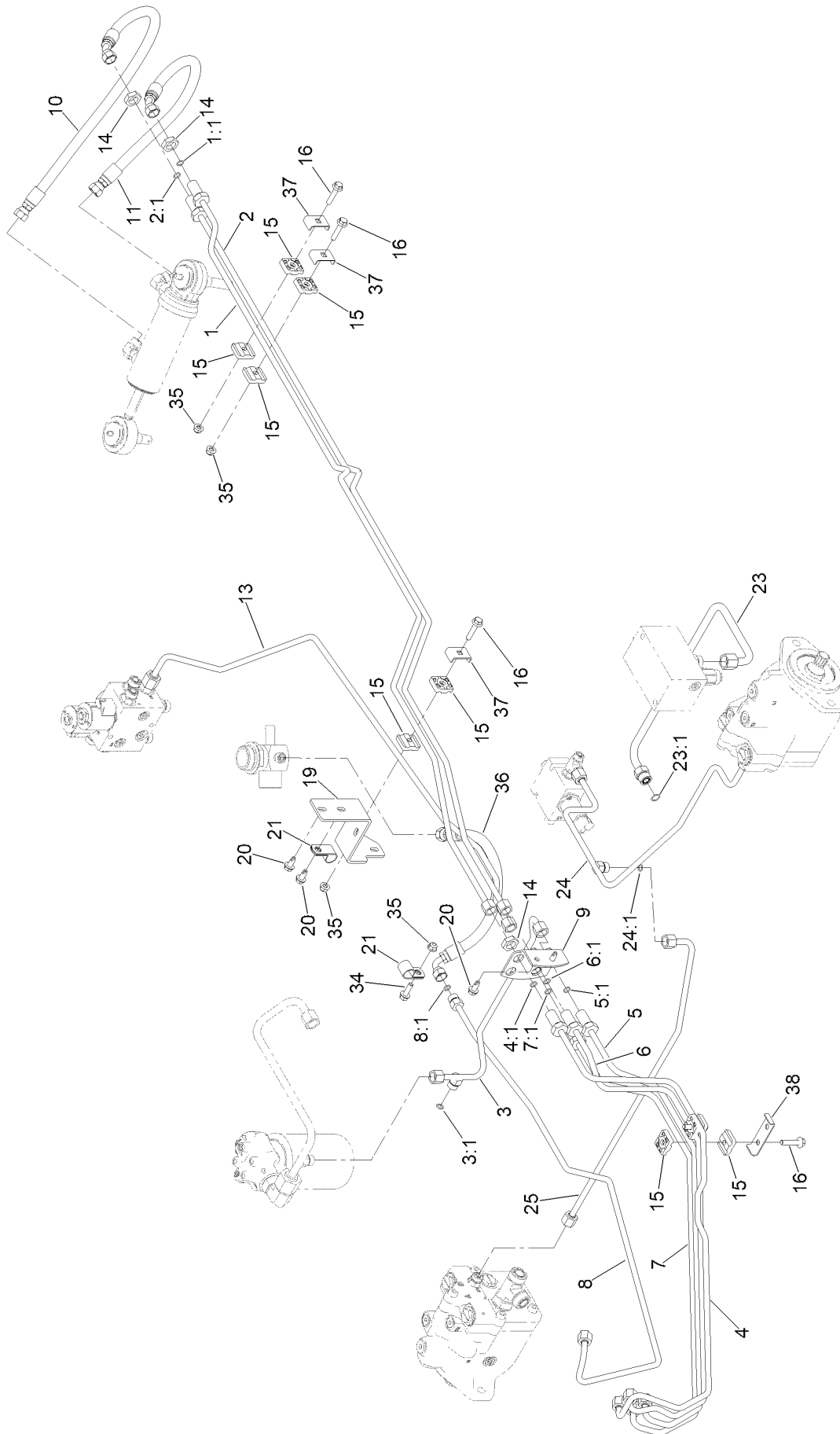
Ref.	Part Number	Qty.	Description
13	92-2406	1	Hose-HYD
14	340-74	1	Nut-Lock, Bulkhead
15	136-2911	1	Hose ASM
16	121-3055	1	Tube ASM
16:1	237-30	1	O-Ring
16:2	237-22	1	O-Ring
17	121-3056	1	Tube ASM
18	121-3123	1	Tube ASM
19	125-4569	1	Tube ASM
19:1	237-58	1	O-Ring
19:2	340-65	1	O-Ring
20	147-6092	2	Hose ASM-HYD
21	59-7410	1	Fitting-Diagnostic
21:1	237-42	1	O-Ring
22	354-79	1	Cap-Dust
23	119-0011	1	Pressure Transducer ASM
23:1	237-78	1	O-Ring
24	120-8052	1	Tube ASM
24:1	237-22	1	O-Ring
25	340-70	1	Nut-Lock
26	147-6093	1	Hose ASM-HYD



Hydraulic Traction Circuit Assembly (continued)

Ref.	Part Number	Qty.	Description
27	125-4566	1	Tube ASM
28	3290-378	2	Tie-Cable

Steering Hydraulic Assembly

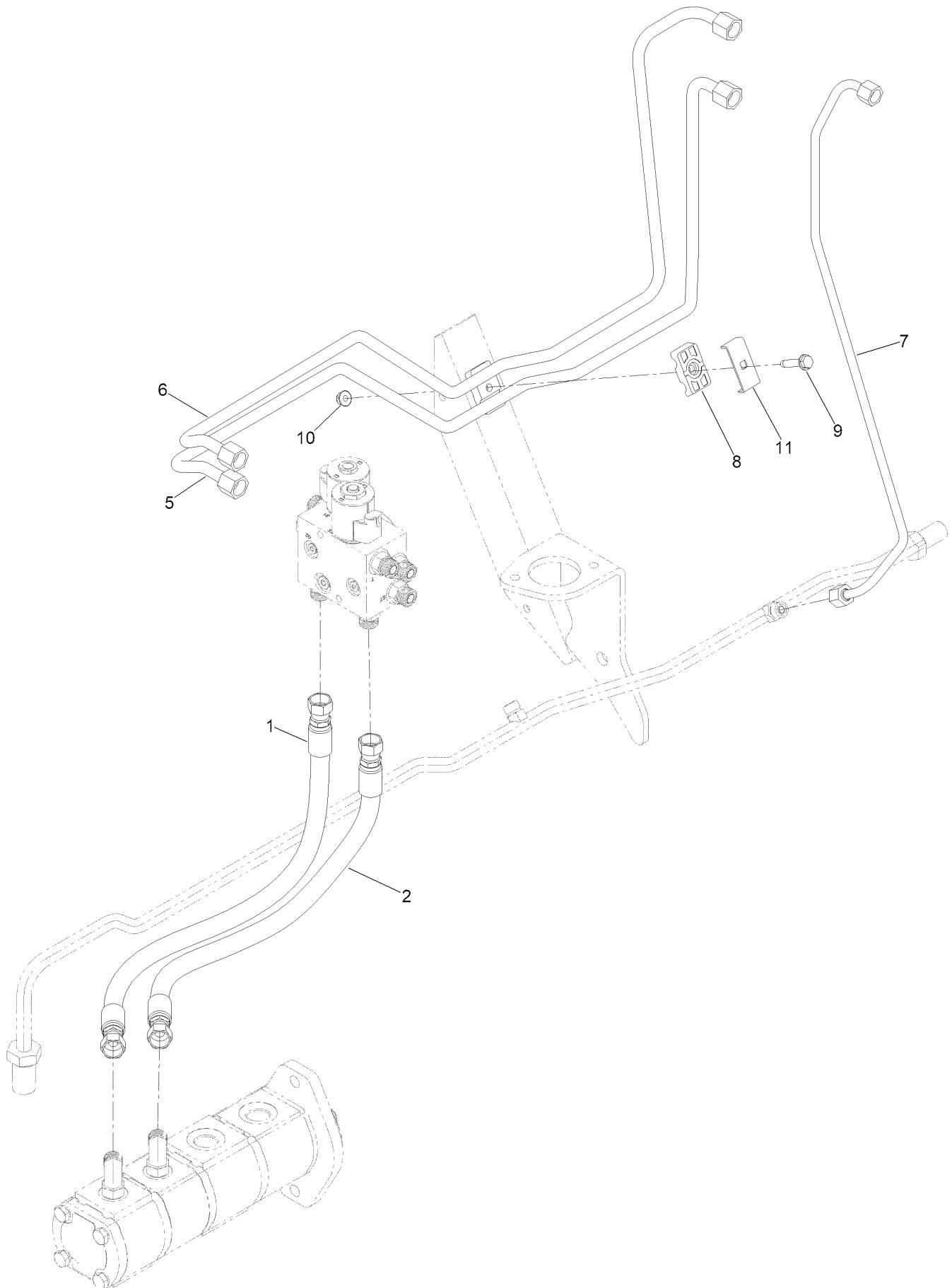


Steering Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-8056	1	Tube ASM
1:1	237-22	1	O-Ring
2	120-8055	1	Tube ASM
2:1	237-22	1	O-Ring
3	136-3311	1	Hydraulic Tube ASM
3:1	237-22	1	O-Ring
4	115-4408	1	Tube ASM
4:1	237-22	1	O-Ring
5	115-4406	1	Tube ASM
5:1	237-22	1	O-Ring
6	115-4409	1	Tube ASM
6:1	237-22	1	O-Ring
7	115-4405	1	Tube ASM
7:1	237-22	1	O-Ring
8	136-3414	1	Hydraulic Tube ASM
8:1	237-22	1	O-Ring
9	92-7606-0P	1	Bracket - Bulkhead *b
10	125-4560	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
11	92-7539	1	Hose-HYD
13	120-8057	1	Tube ASM
14	340-70	6	Nut-Lock
15	56-7973	10	Clamp-Tube
16	115-1794	5	Screw-HHF
19	105-3993-0P	1	Bracket-Tube Support
20	32104-32	4	Screw-HWH
21	2412-81	2	Clamp-R
23	125-4570	1	Tube ASM
23:1	237-30	1	O-Ring
24	121-3064	1	Tube ASM
24:1	237-22	1	O-Ring
25	121-3063	1	Tube ASM
34	3234-29	1	Screw-HHF
35	119-4041	4	Nut-HF
36	92-5694	1	Hose-Hydraulic
37	119-1418	3	Plate-Clamp, Short
38	131-7789	1	Plate-Bent, Clamp

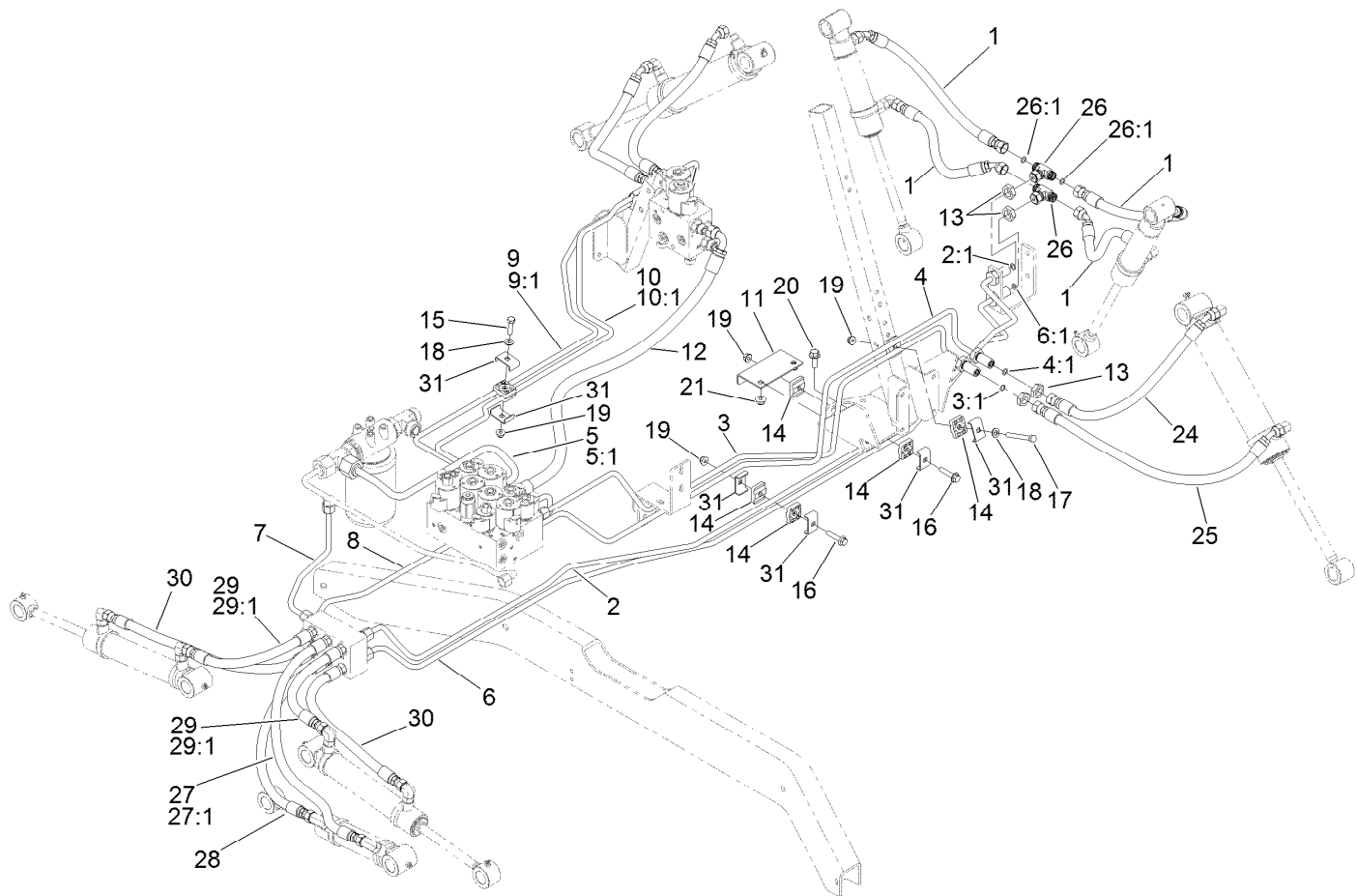
Hydraulic Traction Circuit Assembly



Hydraulic Traction Circuit Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-4558	1	Hose ASM
2	95-8829	1	Hose ASM
5	125-4601	1	Tube ASM
6	125-4599	1	Tube ASM
7	125-4602	1	Tube ASM

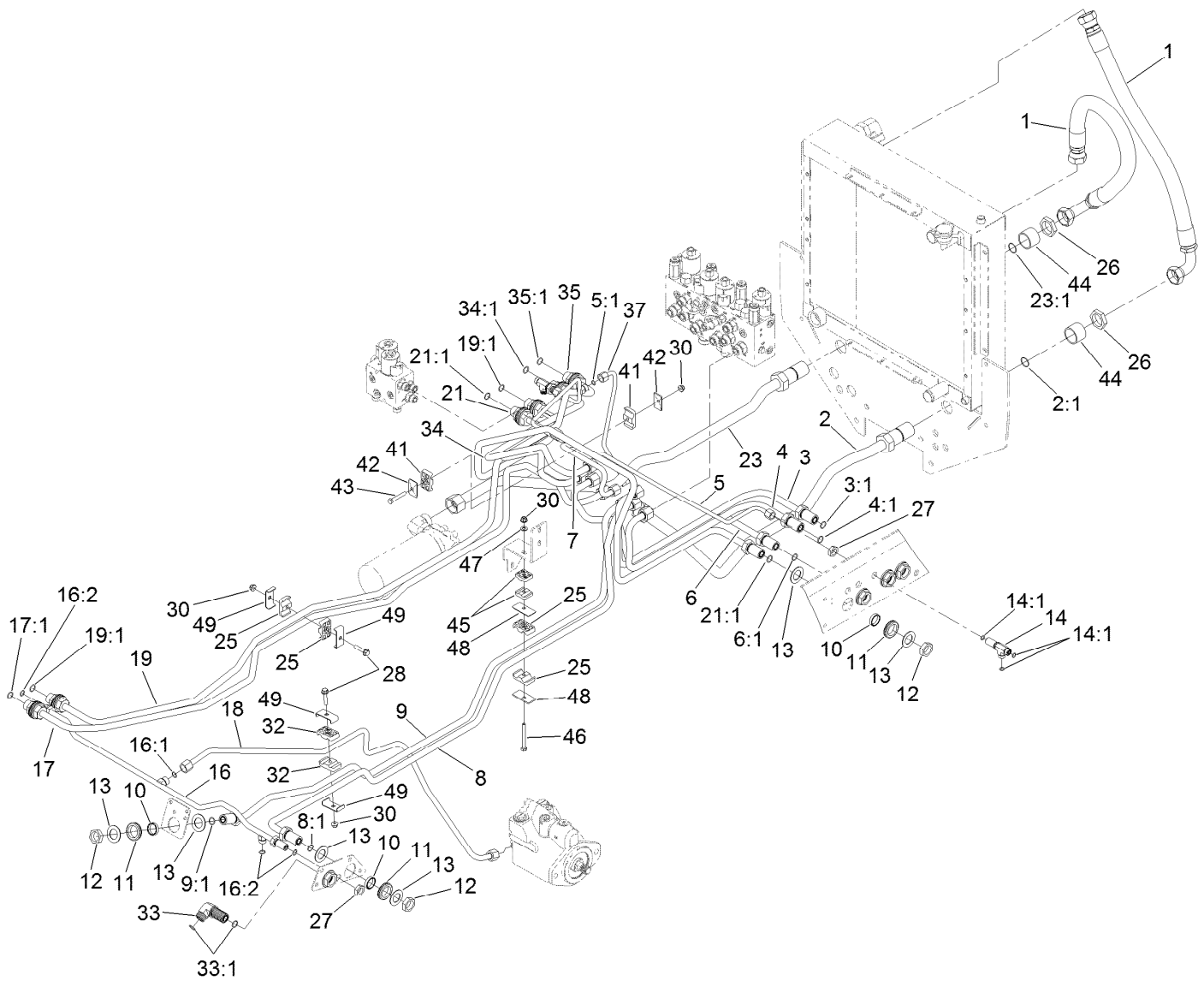
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	56-7976	2	Clamp-Tube
9	32144-57	1	Screw-Thd Roll
10	119-4041	1	Nut-HF
11	119-1419	1	Plate-Clamp



Deck Lift Hydraulic Circuit Assembly

Ref.	Part Number	Qty.	Description
1	105-9238	4	Hose-HYD
2	121-3103	1	Tube ASM
2:1	237-22	1	O-Ring
3	114-8140	1	Tube ASM
3:1	237-22	1	O-Ring
4	114-8141	1	Tube ASM
4:1	237-22	1	O-Ring
5	136-3310	1	Hydraulic Tube ASM
5:1	237-22	1	O-Ring
6	121-3104	1	Tube ASM
6:1	237-22	1	O-Ring
7	136-3309	1	Hydraulic Tube
8	136-3308	1	Hydraulic Tube ASM
9	114-8138	1	Tube ASM
9:1	237-22	1	O-Ring
10	114-8139	1	Tube ASM
10:1	237-22	1	O-Ring
11	105-3990-0P	1	Bracket-Tube Support
12	131-7758	1	Hose ASM
13	340-70	6	Nut-Lock

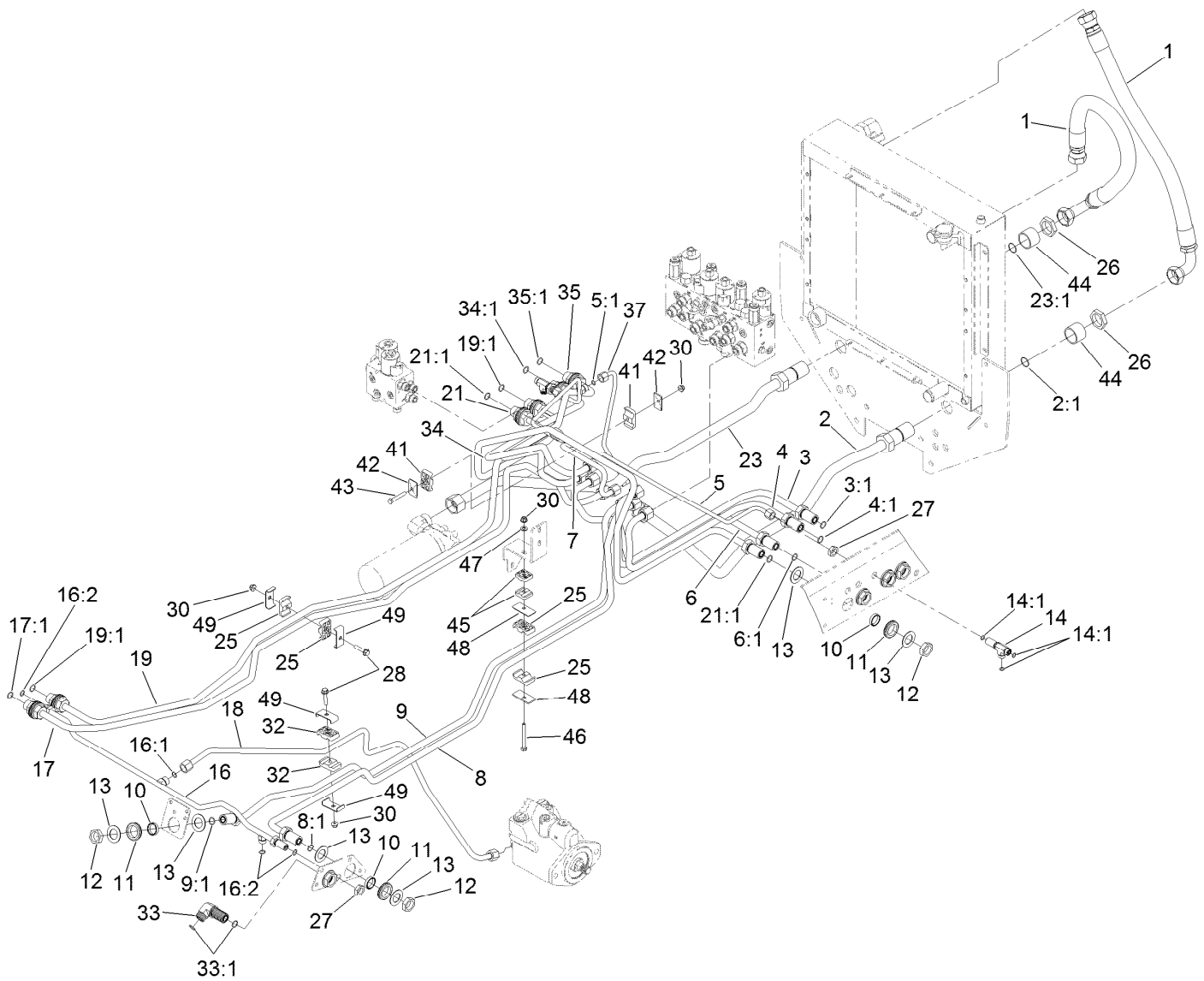
Ref.	Part Number	Qty.	Description
14	56-7973	10	Clamp-Tube
15	322-6	1	Screw-HH
16	115-1794	2	Screw-HHF
17	322-14	2	Screw-HH
18	3256-23	3	Washer-Plain
19	119-4041	5	Nut-HF
20	3234-11	2	Screw-HHF
21	119-4042	2	Nut-HF, NI
24	105-3918	2	Hose-HYD
25	105-3919	2	Hose-HYD
26	340-166	2	Fitting-Tee
26:1	237-22	2	O-Ring
27	104-5511	1	Hose -HYD
27:1	237-42	1	O-Ring
28	100-5629	1	Hose ASM
29	104-5512	2	Hose-HYD
29:1	237-42	1	O-Ring
30	99-3579	2	Hose-HYD
31	119-1418	7	Plate-Clamp, Short



Hydraulic Mow Circuit Assembly

Ref.	Part Number	Qty.	Description
1	108-1689	2	Hose-HYD
2	125-4574	1	Tube ASM
2:1	340-65	1	O-Ring
3	115-4372	1	Tube-HYD
3:1	237-65	1	O-Ring
4	115-4373	1	Tube-HYD
4:1	237-65	1	O-Ring
5	121-3114	1	Tube ASM
5:1	237-22	1	O-Ring
6	125-4557	1	Tube ASM
6:1	237-65	1	O-Ring
7	115-4398	1	Tube-HYD
8	115-4371	1	Tube-HYD
8:1	237-65	1	O-Ring
9	115-4370	1	Tube-HYD
9:1	237-65	1	O-Ring
10	125-1984	13	Spacer
11	240-3	13	Grommet-Rubber
12	340-74	13	Nut-Lock, Bulkhead
13	69-9010	26	Washer
14	340-68	2	Fitting-Tee, Bulkhead

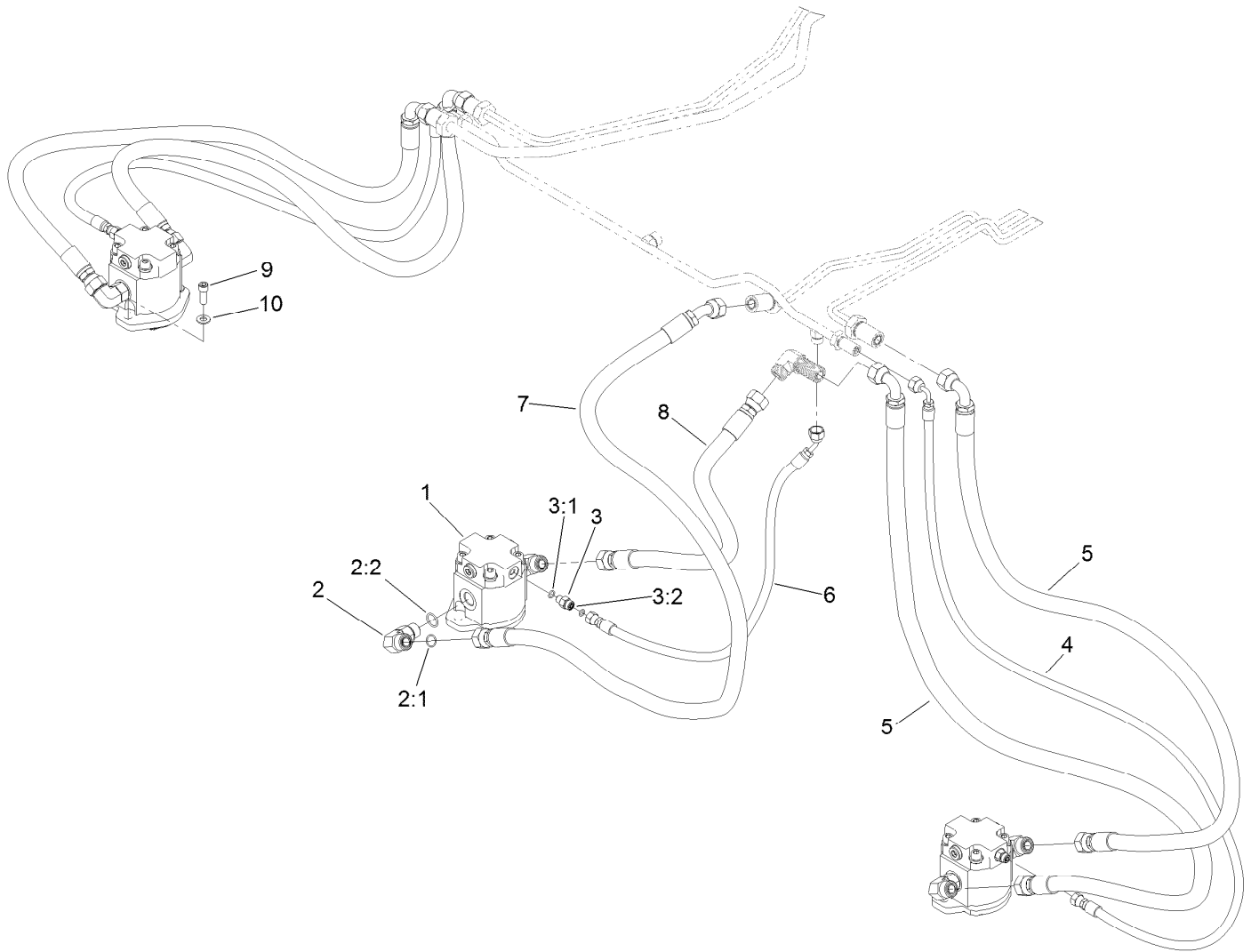
Ref.	Part Number	Qty.	Description
14:1	237-22	3	O-Ring
16	120-8081	1	Tube ASM
16:1	237-30	1	O-Ring
16:2	237-22	3	O-Ring
17	125-4556	1	Tube ASM
17:1	237-65	1	O-Ring
18	120-8082	1	Tube ASM
19	105-3901	1	Tube ASM
19:1	237-65	2	O-Ring
21	121-3113	1	Tube ASM
21:1	237-65	2	O-Ring
23	125-4573	1	Tube ASM
23:1	340-65	1	O-Ring
25	56-7971	4	Clamp-Tube
26	340-128	2	Nut-Bulkhead
27	340-70	4	Nut-Lock
28	94-5780	2	Screw-HWH
30	119-4041	4	Nut-HF
32	56-7972	2	Clamp-Tube
33	340-72	1	Fitting-Bulkhead, 90 DEG
33:1	237-65	2	O-Ring



Hydraulic Mow Circuit Assembly (continued)

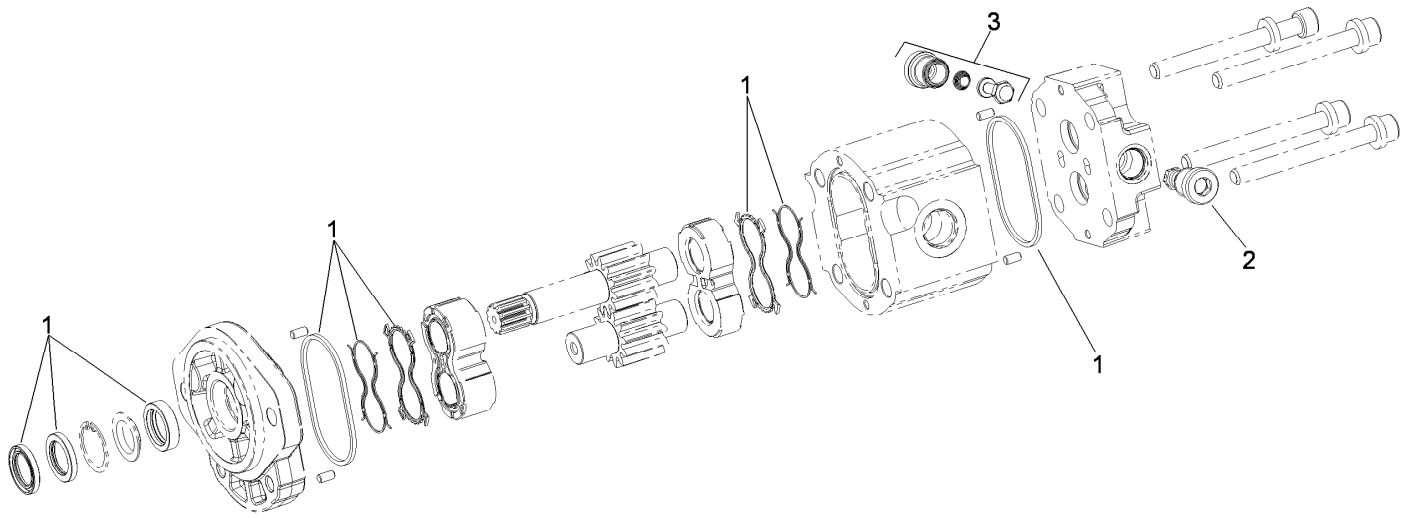
Ref.	Part Number	Qty.	Description
34	121-3112	1	Tube ASM
34:1	237-65	1	O-Ring
35	125-4555	1	Tube ASM
35:1	237-65	1	O-Ring
37	121-3115	1	Tube ASM
41	56-7977	2	Clamp-Tube
42	69-9760	2	Plate-Cover

Ref.	Part Number	Qty.	Description
43	322-10	1	Screw-HH
44	125-4577	2	Spacer
45	56-7973	2	Clamp-Tube
46	322-14	1	Screw-HH
47	3256-23	1	Washer-Plain
48	69-9761	2	Plate-Cover
49	119-1419	4	Plate-Clamp



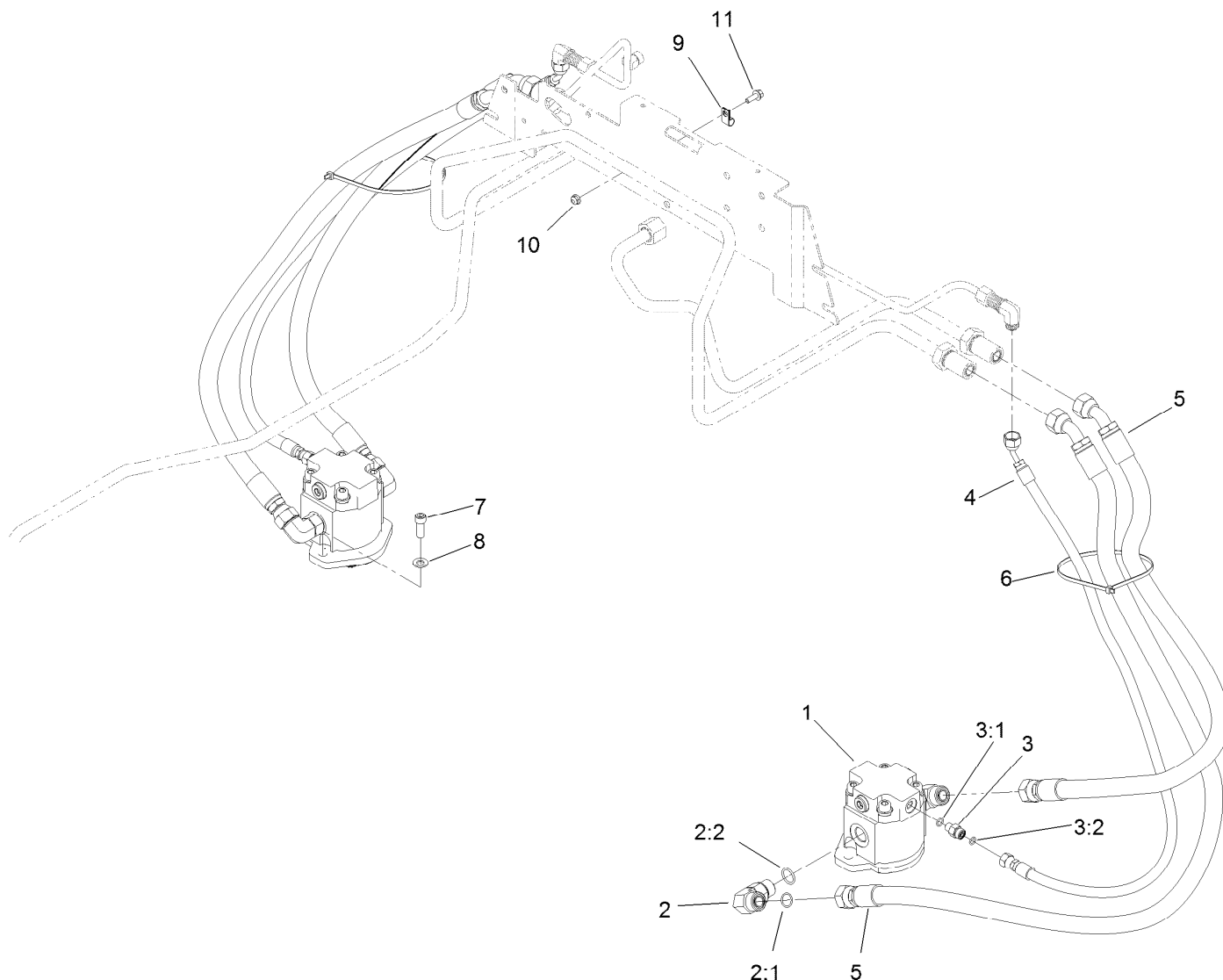
Deck No. 1, 4 and 5 Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	117-5141	3	HYD Motor ASM
2	340-17	6	Fitting-Elbow, 90 DEG
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	340-92	3	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	104-5500	2	Hose-HYD
5	104-5501	4	Hose-HYD
6	104-5502	1	Hose-HYD
7	104-5504	1	Hose-HYD
8	104-5505	1	Hose-HYD
9	3274-7	6	Screw-HSH
10	3256-24	6	Washer-Plain



Gear Motor Assembly No. 117-5141

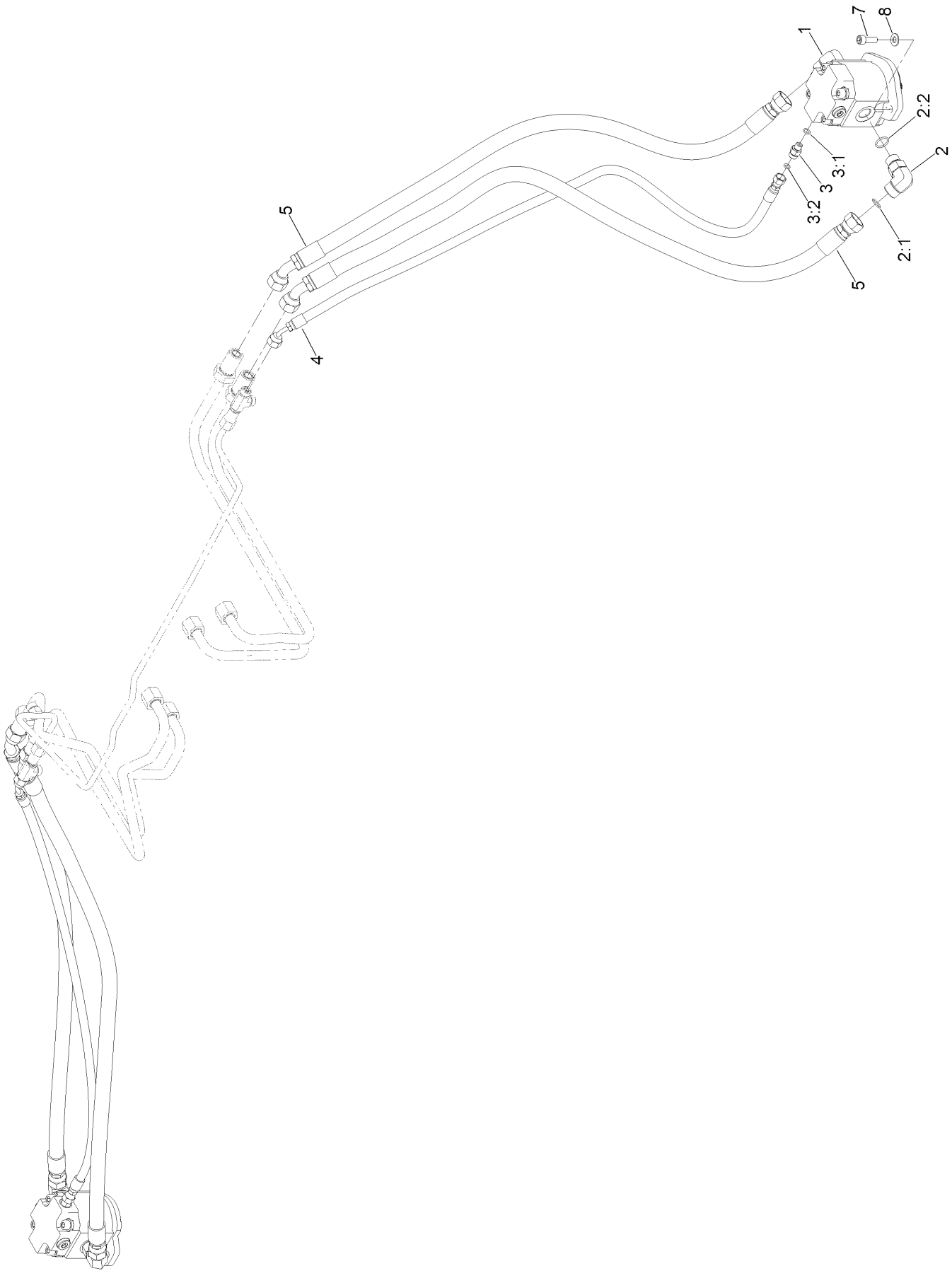
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	161-7216	1	Seal Kit
2	107-7820	1	Valve-Relief
3	107-7821	1	Valve-Anticavitation



Deck No. 2 and 3 Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	117-5141	2	HYD Motor ASM
2	340-17	4	Fitting-Elbow, 90 DEG
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	104-5502	2	Hose-HYD
5	104-5505	4	Hose-HYD
6	3290-379	2	Tie-Cable
7	3274-7	4	Screw-HSH
8	3256-24	4	Washer-Plain
9	2412-89	1	Clamp-R
10	104-7201	1	Nut-HF, NI
11	3234-4	1	Screw-HHF

Deck No. 6 and 7 Hydraulic Assembly

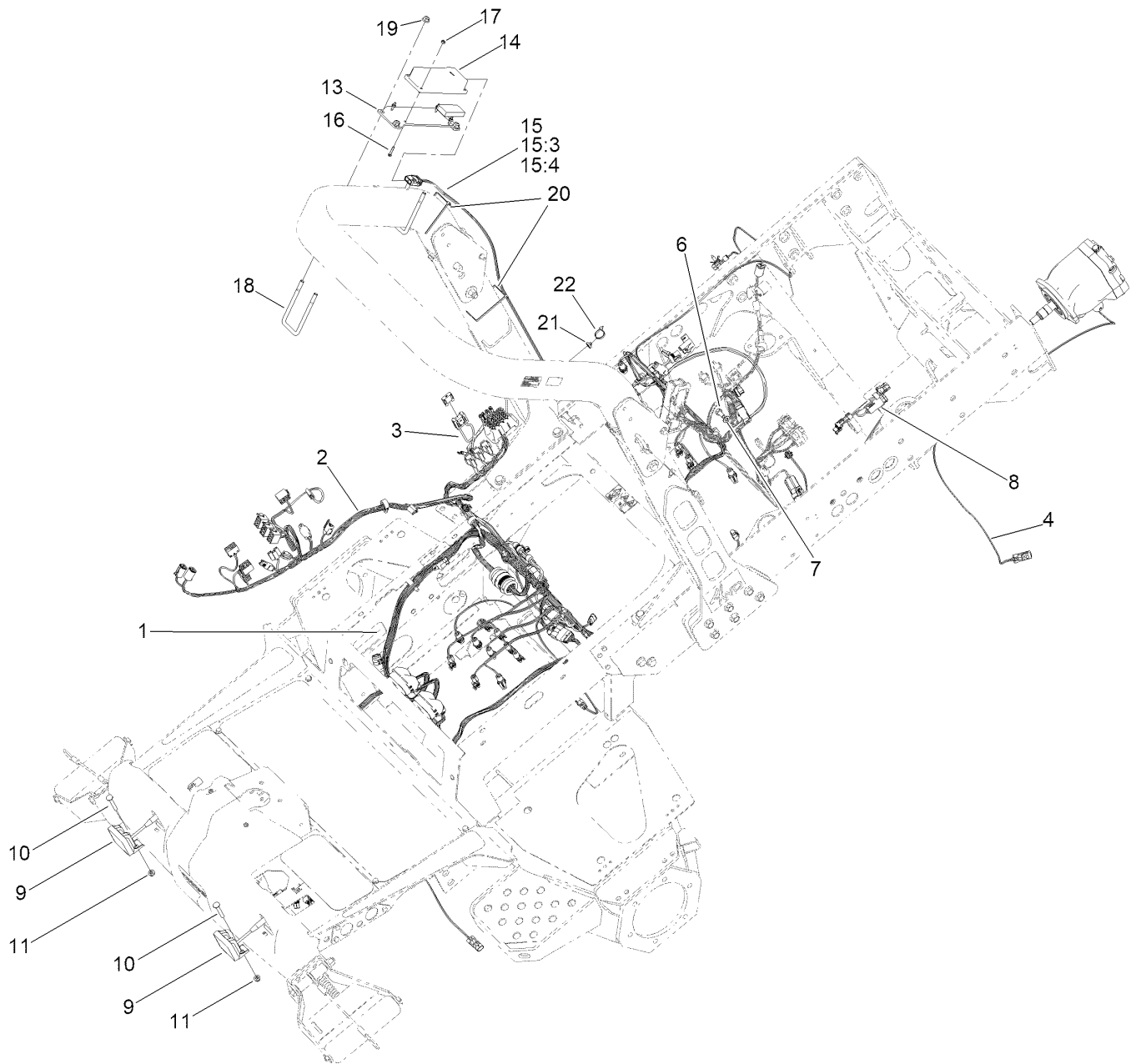


Deck No. 6 and 7 Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-5141	2	HYD Motor ASM
2	340-17	4	Fitting-Elbow, 90 DEG
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3:2	237-21	1	O-Ring
4	104-5499	2	Hose-HYD
5	104-5498	4	Hose-HYD
7	3274-7	4	Screw-HSH
8	3256-24	4	Washer-Plain

Electrical Assembly



Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	122-1263	1	Harness-Wire, Main	13	161-8398-03	1	Bracket-Hmu Mouting
2	122-1264	1	Harness-Wire, Seat/Console	14	161-9001	1	Gateway-Telematics
3	122-1262	1	Harness-Wire, Pwr Ctr T4	15	122-2163	1	Harness-Wire
4	122-1273	1	Harness-Wire, Gm4700 Main	15:3	121-8861	1	Fuse-Mini Blade, 2 Amp
6	33115-020	1	Screw-HH	15:4	32180-101	1	Cover-Fuse, Single
7	33095-00	1	Washer-Flat	16	131-6456	4	Screw-HWH
8	115-1931	1	Harness-Wire, Fuel Pump Adapter	17	3296-2	4	Nut-Lock, NI
9	145-2598	2	Light-Work, LED	18	136-3644	2	U-Bolt-Sq
10	3230-7	2	Bolt-CARR	19	119-4042	4	Nut-HF, NI
11	119-4041	2	Nut-HF	20	3290-379	2	Tie-Cable
				21	32180-139	2	Mount-Tie Wrap, Magnetic
				22	3290-378	4	Tie-Cable

Main Wire Harness Assembly No. 122-1263

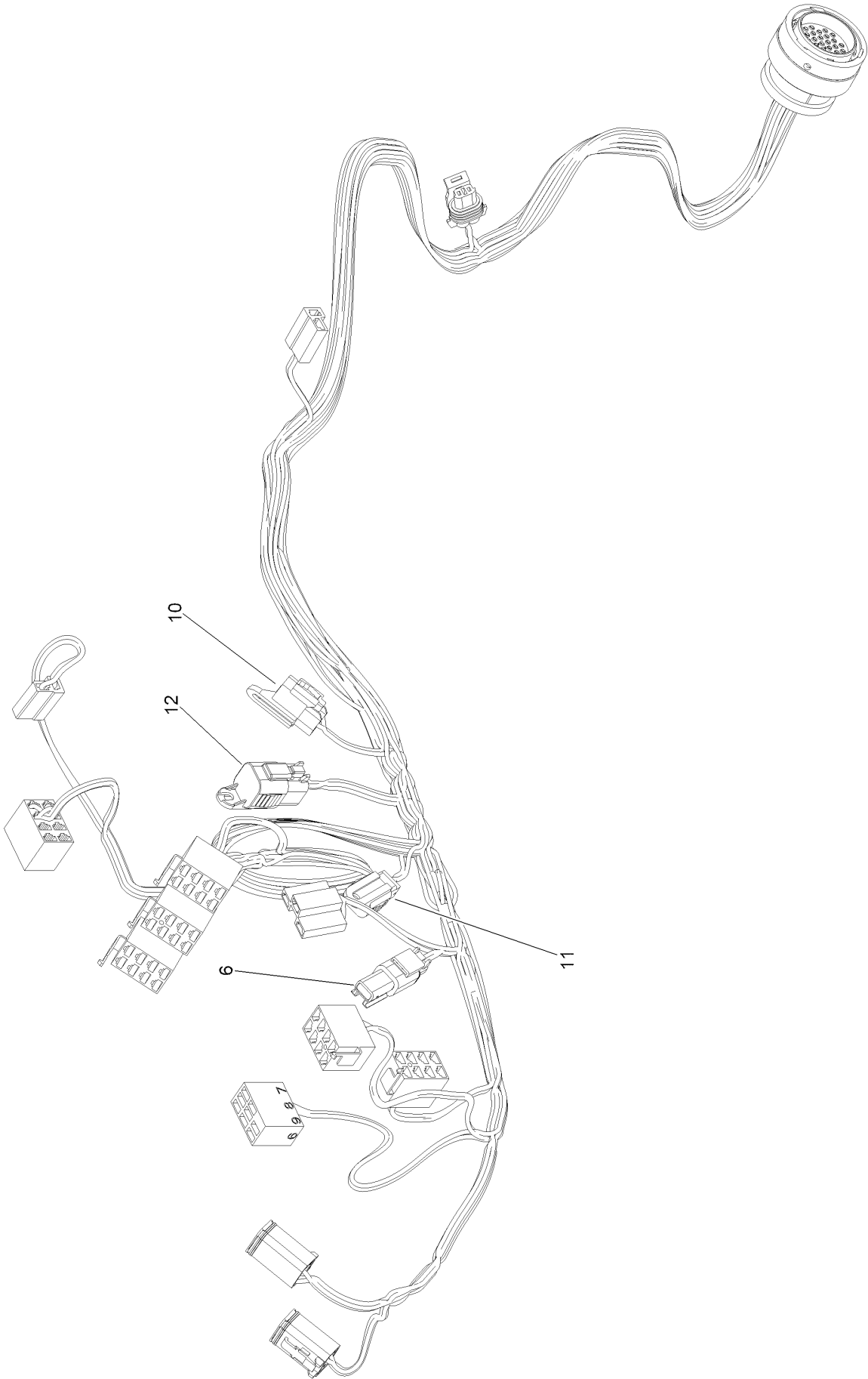


Main Wire Harness Assembly No. 122-1263 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
24	32180-019	1	Cover-Fuse, Single
25	32180-156	1	Cap-Plug, 6 Way
26	32160-218	1	Connector-Mp630, 2M

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
27	32160-150	1	Connector-Molex, 16M
37	32180-091	1	Cap-Dust, 2 Way
38	122-1131	1	Conn, Capacitor-Sealed

Seat/Console Wire Harness No. 122-1264

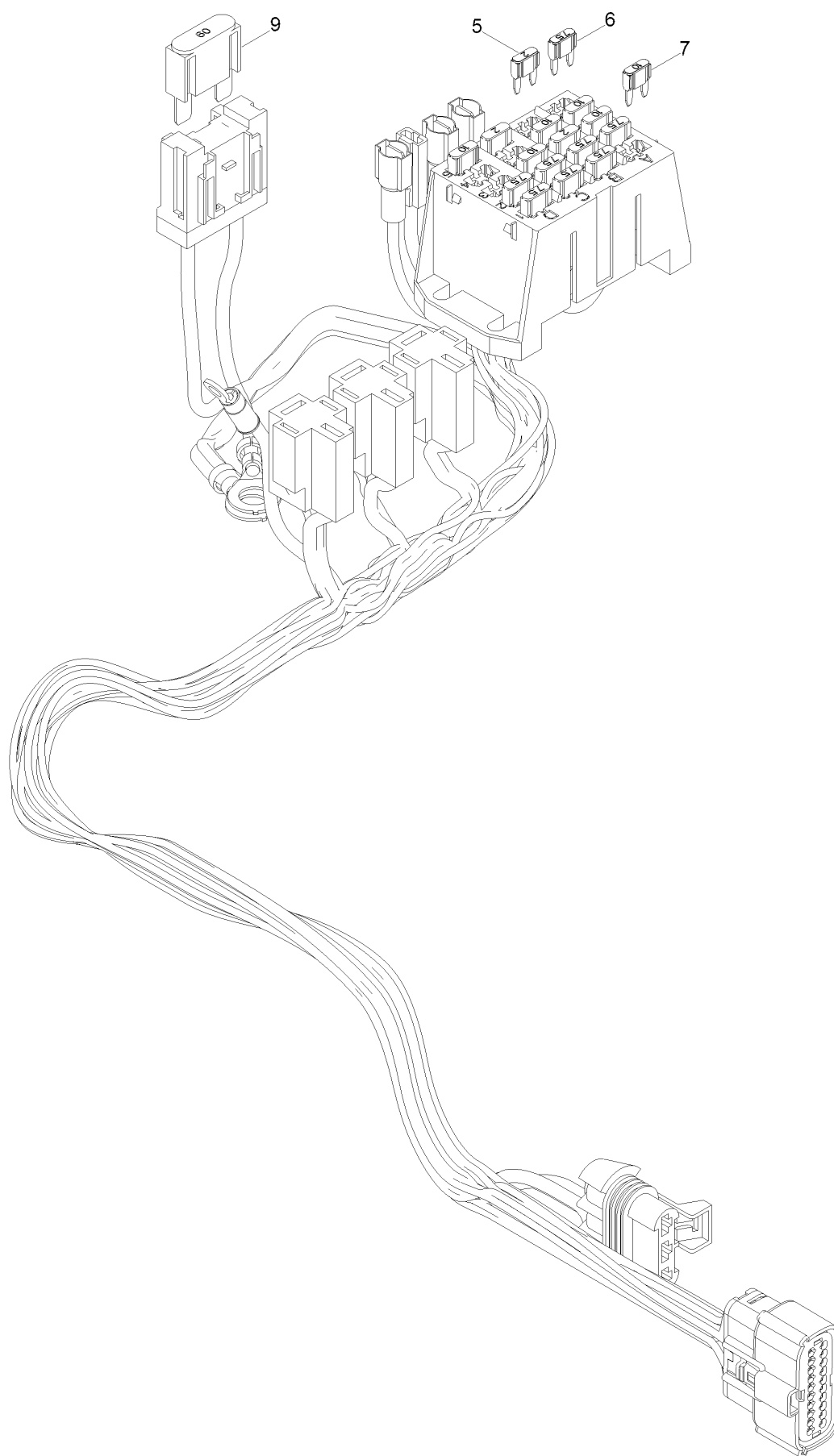


Seat/Console Wire Harness No. 122-1264 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	32180-282	1	Conn, Res, 120 Ohm
10	32180-089	1	Cap-Plug, 3 Way

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
11	32180-091	1	Cap-Dust, 2 Way
12	32180-156	1	Cap-Plug, 6 Way

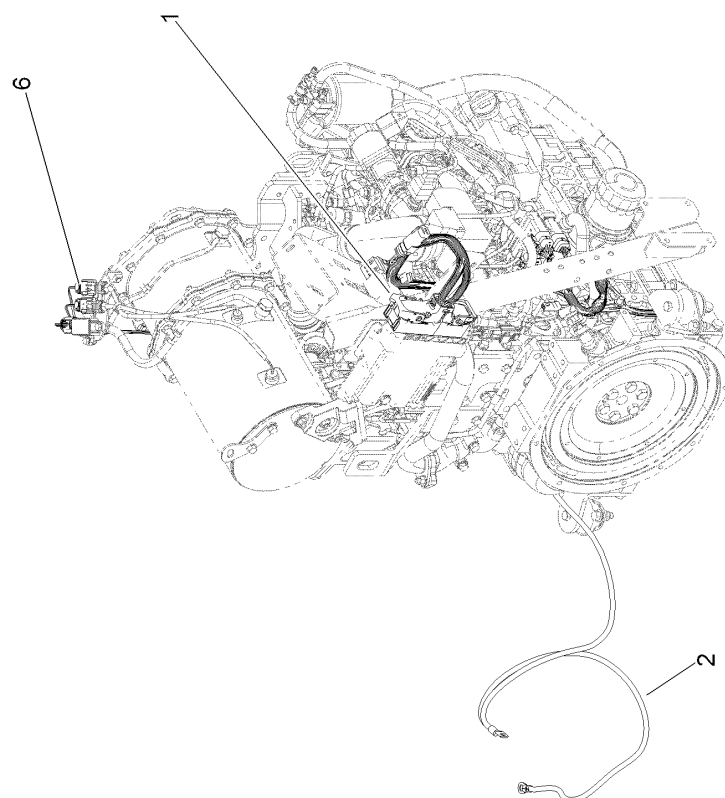
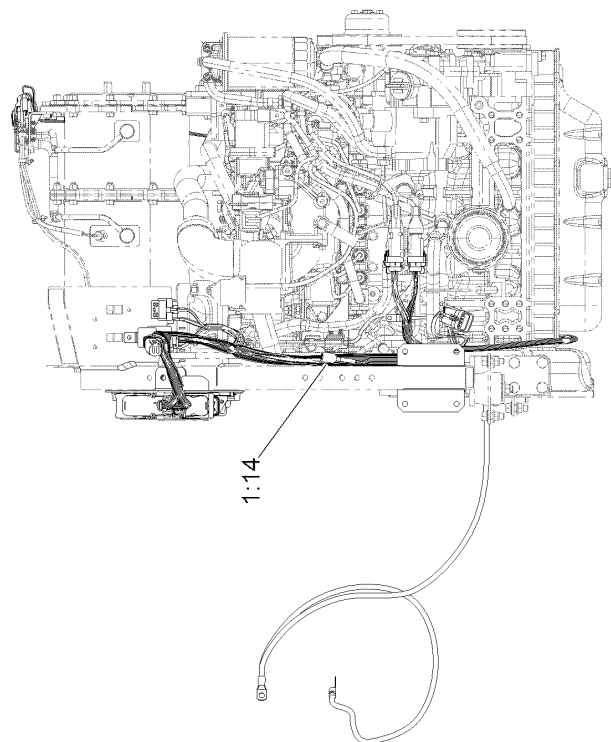
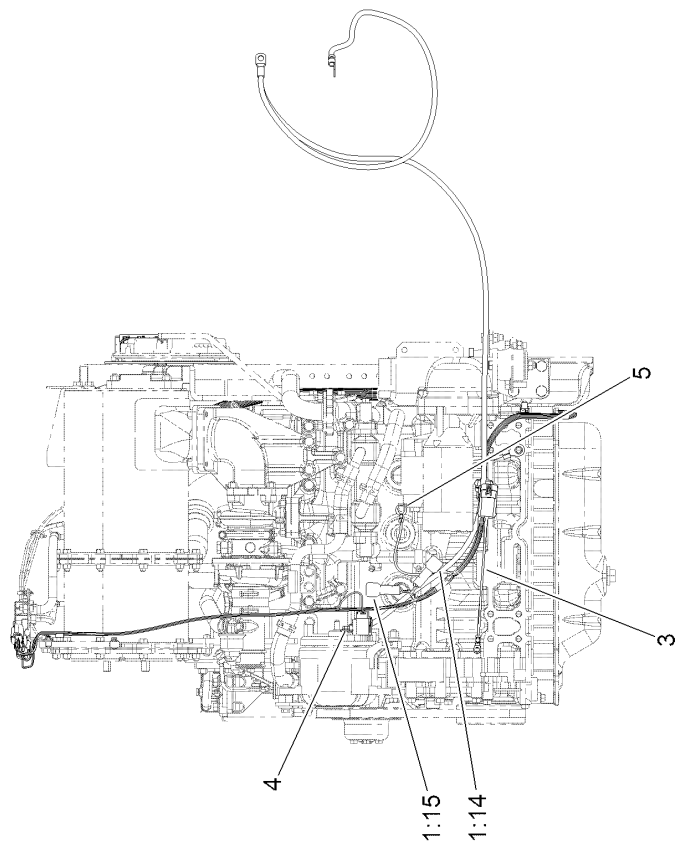
Power Center Wire Harness Assembly No. 122-1262



Power Center Wire Harness Assembly No. 122-1262 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	121-8861	3	Fuse-Mini Blade, 2 Amp	7	121-8866	6	Fuse-Mini Blade, 10 Amp
6	121-8865	8	Fuse-Mini Blade, 7.5 Amp	9	114-3342	1	Fuse-Maxi, 60 Amp

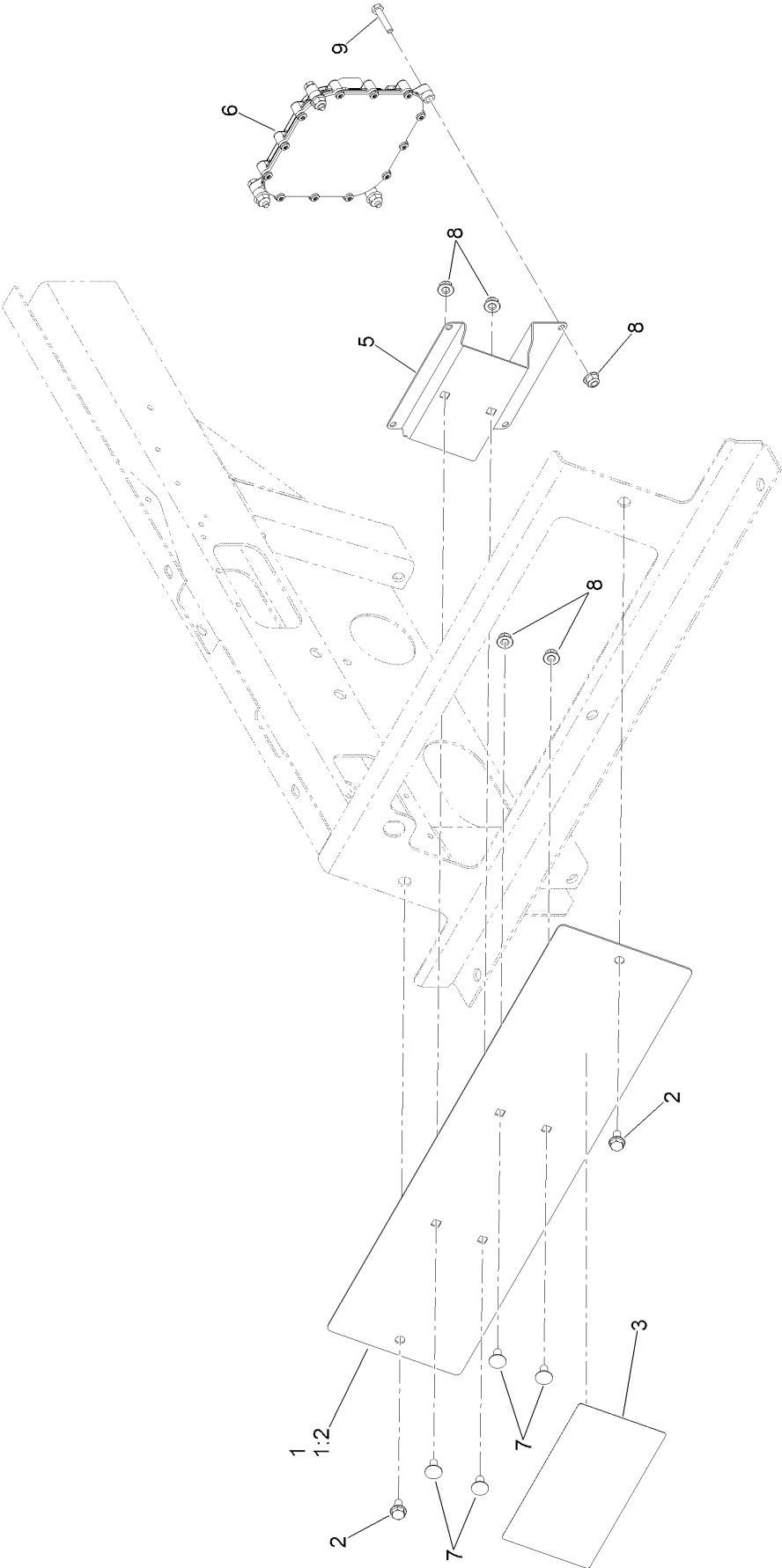
Engine Wire Harness Assembly



Engine Wire Harness Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	122-2132	1	Harness-Wire, Gm45/4700 Engine T4	3	108-9470	1	Harness-Wire, Fusible Link
1:14	100-4918	2	Diode	4	33003-00	1	Nut-HF
1:15	121-8891	1	Resistor (1.6K Ohm)	5	33004-00	1	Nut-HF
2	115-1930	1	Cable-Battery, Positive	6	122-2133	1	Harness-Wire, Dpf Sub-Harness

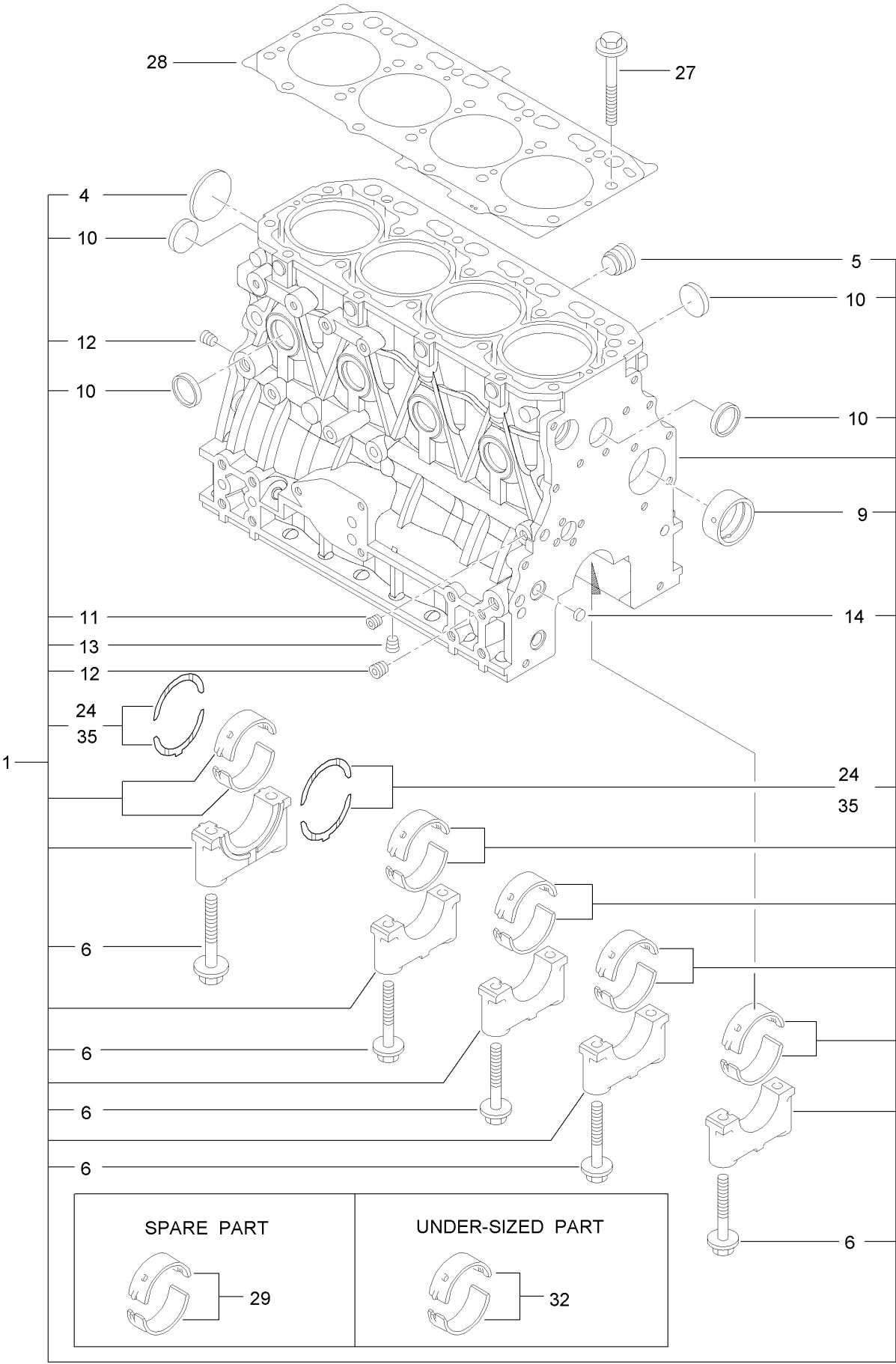
Access Panel and Controller Assembly



Access Panel and Controller Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-3322	1	Access Panel ASM	6	127-2770	2	Controller
1:2	105-9860	2	Seal-Foam	7	3230-18	4	Screw-CARR
2	3234-7	2	Screw-HHF	8	119-4041	12	Nut-HF
3	127-6448	1	Decal-Danger, CE (21 DEG)	9	321-8	8	Screw-HH
5	139-5992-0P	2	Bracket-Controller				

Cylinder Block Assembly

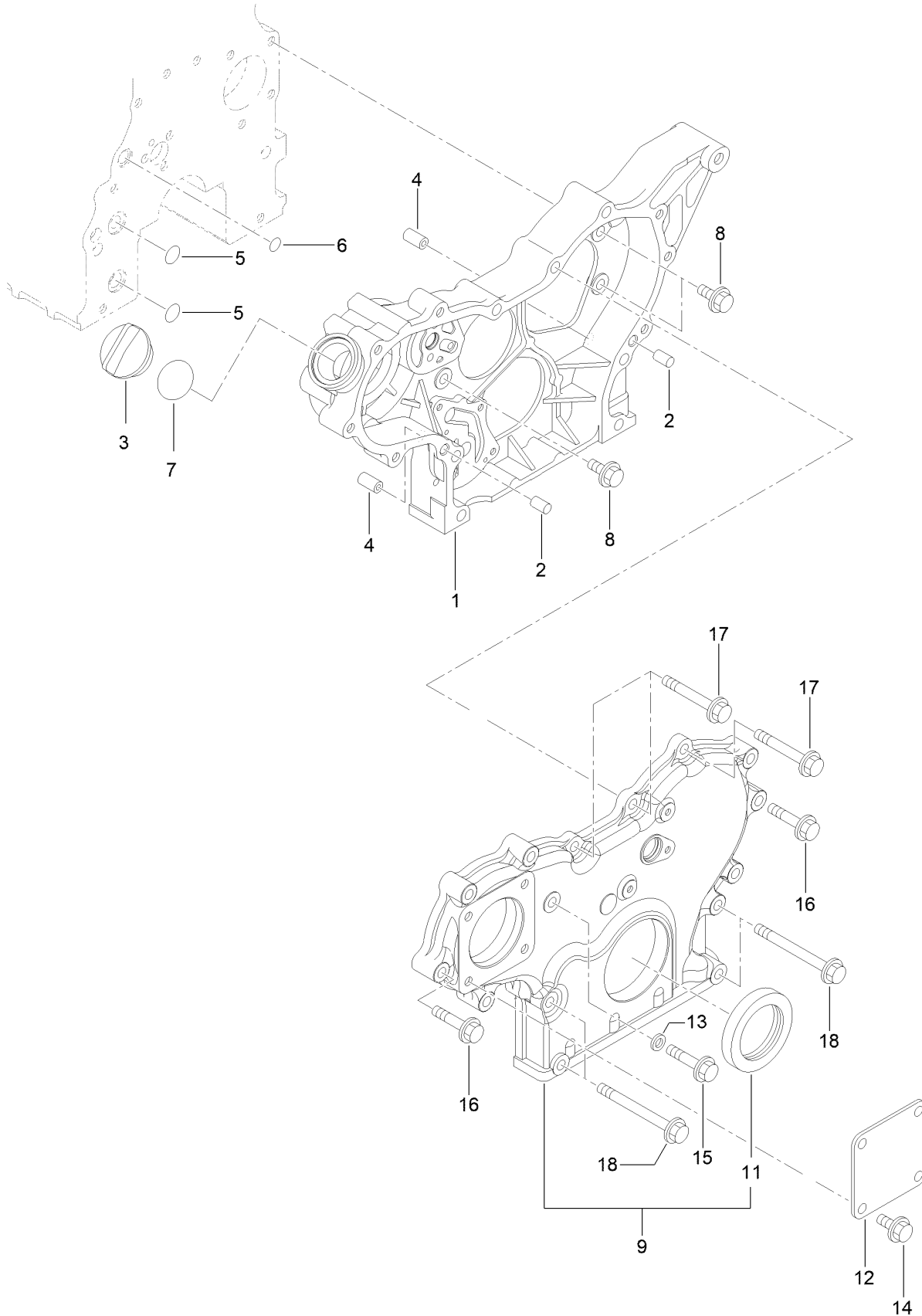


Cylinder Block Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3127	1	Cylinder Block ASM
4	125-6980	1	Plug
5	125-7170	1	Plug
6	125-7007	10	Bolt
9	125-7108	1	Bushing
10	125-7239	8	Plug
11	125-6969	1	Plug
12	125-6973	2	Plug

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
13	125-6973	1	Plug
14	125-7237	1	Plug
24	125-7010	2	Metal-Thrust
27	125-7006	18	Bolt
28	127-3126	1	Gasket-Head, Cylinder
29	125-6981	5	Metal-Main
32	125-7009	5	Metal-Main (0.25)
35	125-7011	1	Metal-Thrust (0.25)

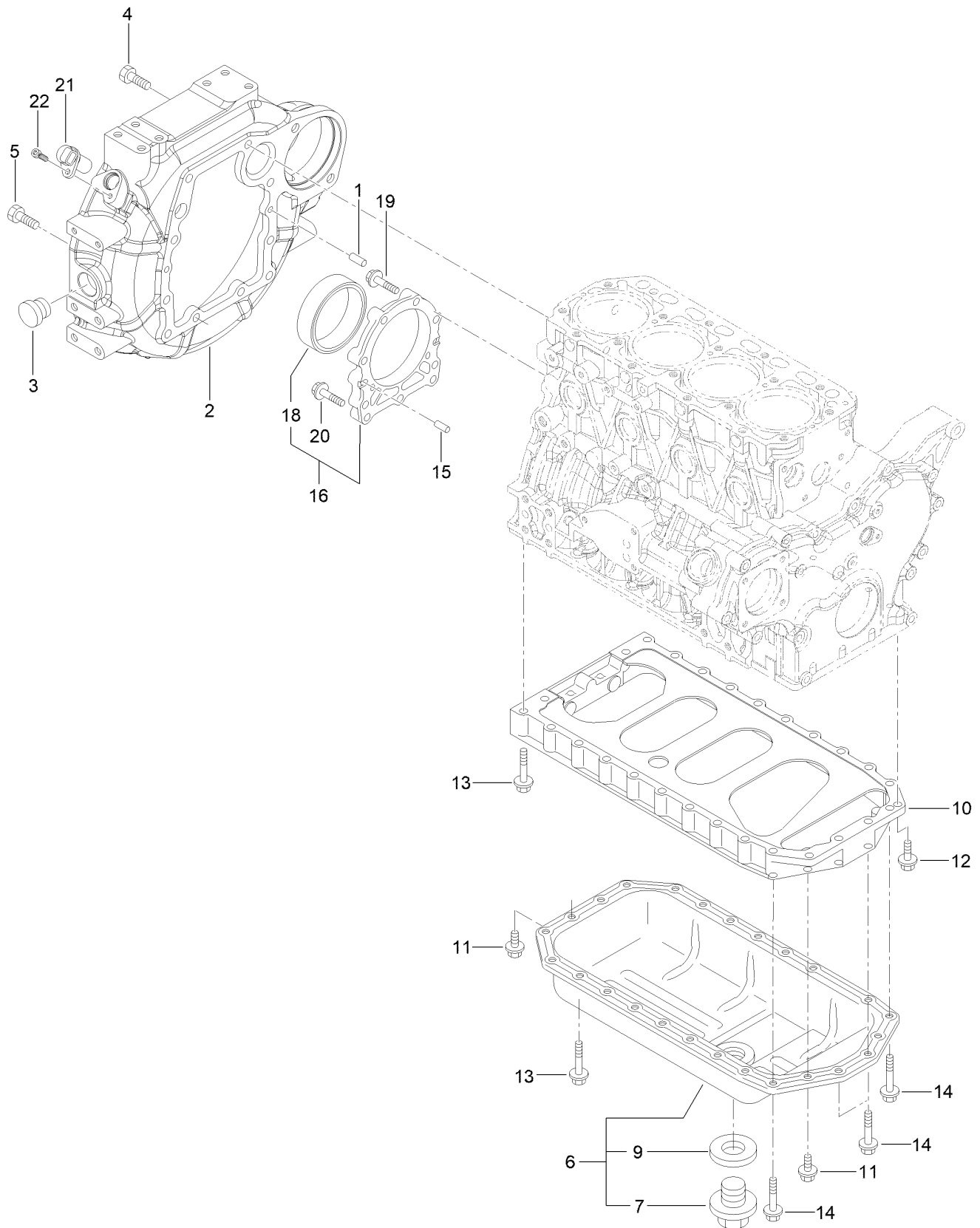
Gear Housing Assembly



Gear Housing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	138-7825	1	Case-Gear	11	125-6944	1	Seal-Oil
2	125-6995	2	Pin	12	125-6977	1	Cover
3	125-6972	1	Cover-Filler	13	125-7174	1	Washer-Seal
4	125-7107	2	Pipe	14	125-7214	4	Bolt
5	125-6909	2	O-Ring	15	125-7217	1	Bolt
6	127-2973	1	O-Ring	16	125-7218	7	Bolt
7	125-7197	1	O-Ring	17	125-7222	3	Bolt
8	125-7214	3	Bolt	18	125-7224	4	Bolt
9	127-3024	1	Gearcase Cover ASM				

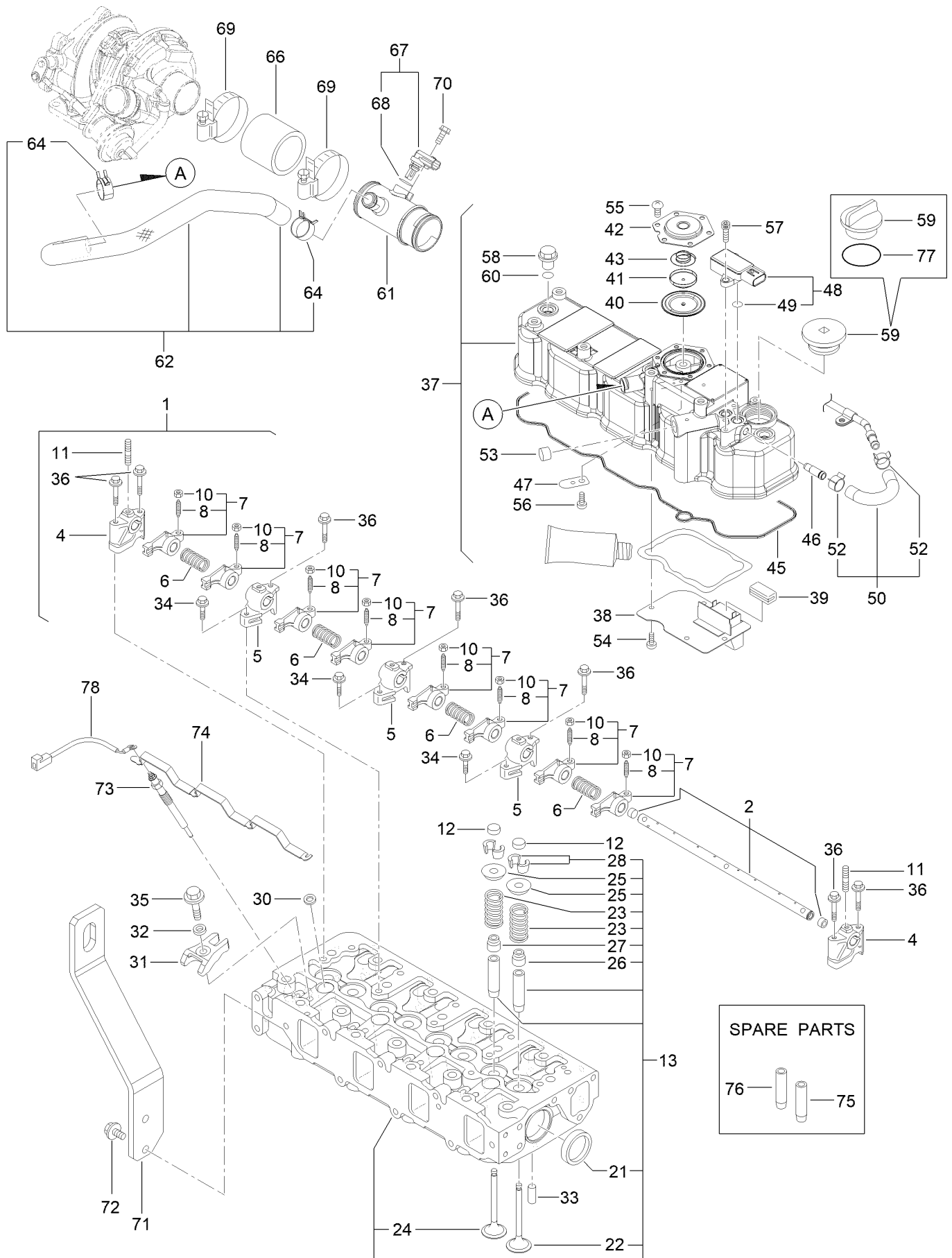
Flywheel Housing and Oil Sump Assembly



Flywheel Housing and Oil Sump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-6995	2	Pin	12	125-7215	2	Bolt
2	127-3025	1	Housing-Flywheel	13	125-7219	20	Bolt
3	125-6910	1	Cap	14	125-7220	4	Bolt
4	125-7226	6	Bolt	15	125-6995	2	Pin
5	125-7227	4	Bolt	16	135-4011	1	Case ASM
6	138-7826	1	Oil Pan ASM	18	138-7827	1	Seal, Oil
7	125-6912	1	Plug-Drain	19	125-7045	6	Bolt
9	125-7177	1	Washer-Seal	20	125-7217	3	Bolt
10	125-7035	1	Spacer	21	127-3062	1	Sensor-Rev, Flywheel
11	125-7214	4	Bolt	22	127-3184	1	Bolt

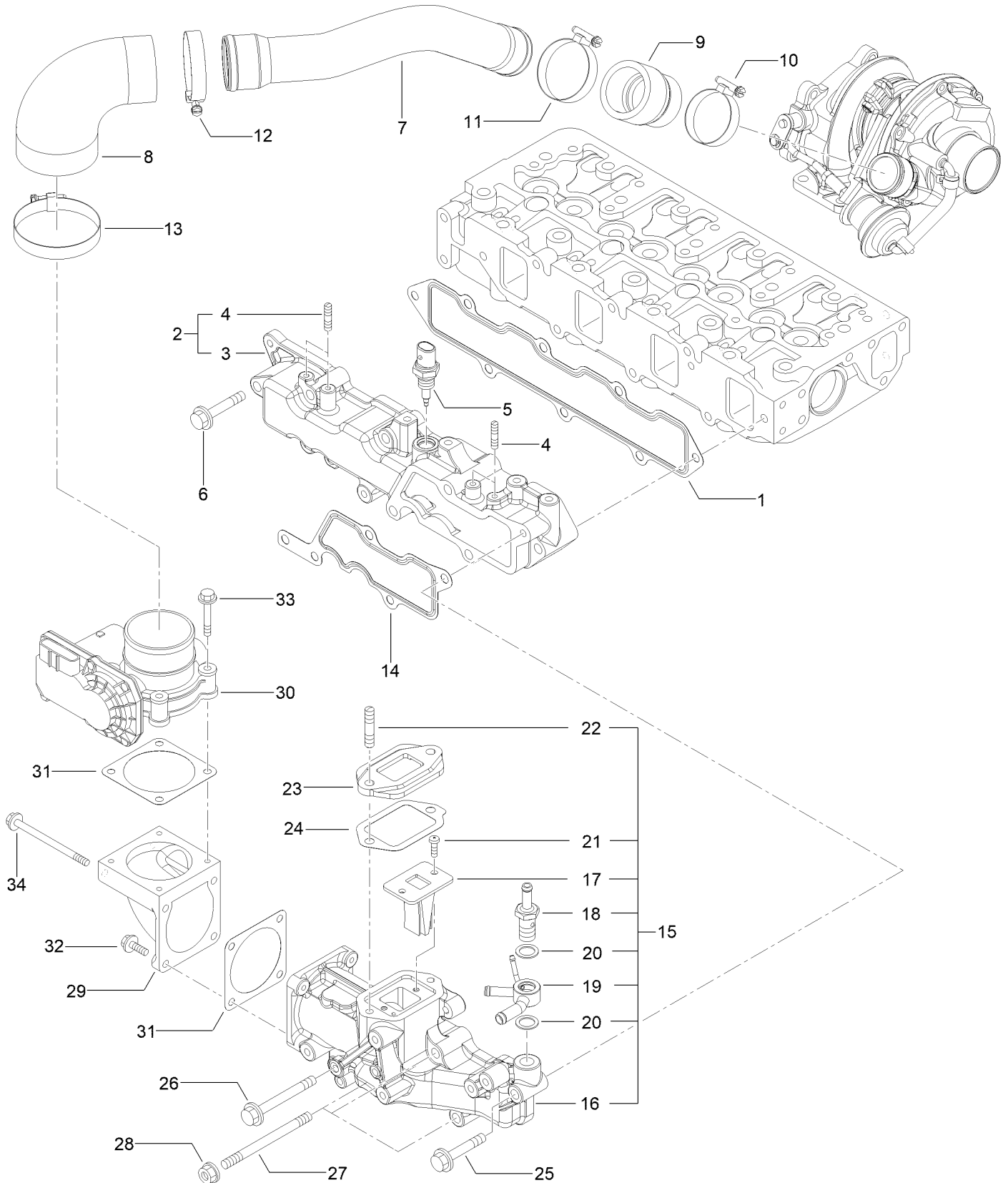
Cylinder Head and Cover Assembly



Cylinder Head and Cover Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3005	1	Shaft ASM	43	125-6962	1	Spring-Diaphragm
2	127-3006	1	Shaft	45	127-3106	1	Gasket-Cover
4	127-2974	2	Support	46	127-3026	1	Joint
5	127-2975	3	Support	47	125-6994	1	Spring
6	127-2995	4	Spring	48	127-3029	1	Sensor-Pressure
7	127-2989	8	Arm-Rocker	49	127-3032	2	O Ring-Sensor, Pressure
8	125-7013	8	Screw-Adjust, Valve	50	127-3040	1	Hose ASM
10	125-7014	8	Nut	52	127-3041	2	Clip-Hose
11	127-3183	3	Stud	53	125-6913	1	Plug
12	127-2996	8	Cap-Valve	54	125-7186	4	Screw
13	127-3132	1	Cylinder Head ASM	55	125-7186	6	Screw
21	125-7240	2	Plug	56	125-7186	1	Screw
22	127-2990	4	Valve	57	127-3184	2	Bolt
23	127-3012	8	Spring	58	125-6974	3	Knob
24	127-2994	4	Valve	59	125-6972	1	Cover-Filler
25	127-3013	8	Retainer-Spring	60	93-0418	3	O-Ring
26	127-2986	4	Seal-Stem, Valve	61	127-3128	1	Joint-Breather
27	127-3027	4	Seal-Stem, Valve	62	127-3129	1	Breather Hose ASM
28	127-3186	8	Pin-Cotter	64	125-7040	2	Clip-Hose
30	127-3021	4	Gasket-Injector	66	127-3133	1	Hose-Intake
31	127-3028	4	Retainer-Injector	67	127-3030	1	Sensor-Temp, Air
32	127-2980	4	Washer-Injector	68	127-3033	1	O-Ring
33	125-7184	2	Pin-Spring	69	125-7190	2	Clamp-Hose
34	125-7215	3	Bolt	70	125-7208	1	Bolt
35	125-7217	4	Bolt	71	127-3130	1	Lifter-Engine
36	125-7220	7	Bolt	72	125-7595	2	Bolt
37	138-7828	1	Head Cover ASM	73	127-2991	4	Plug-Glow
38	127-2988	1	Plate	74	127-3123	1	Connector-Glow Plug
39	125-7012	1	Baffle	75	127-2979	4	Guide
40	125-6959	1	Diaphragm	76	127-2997	4	Guide-Valve
41	125-6960	1	Plate	77	125-7197	1	O-Ring
42	125-6961	1	Plate-Breather	78	131-2704	1	Harness-Wire

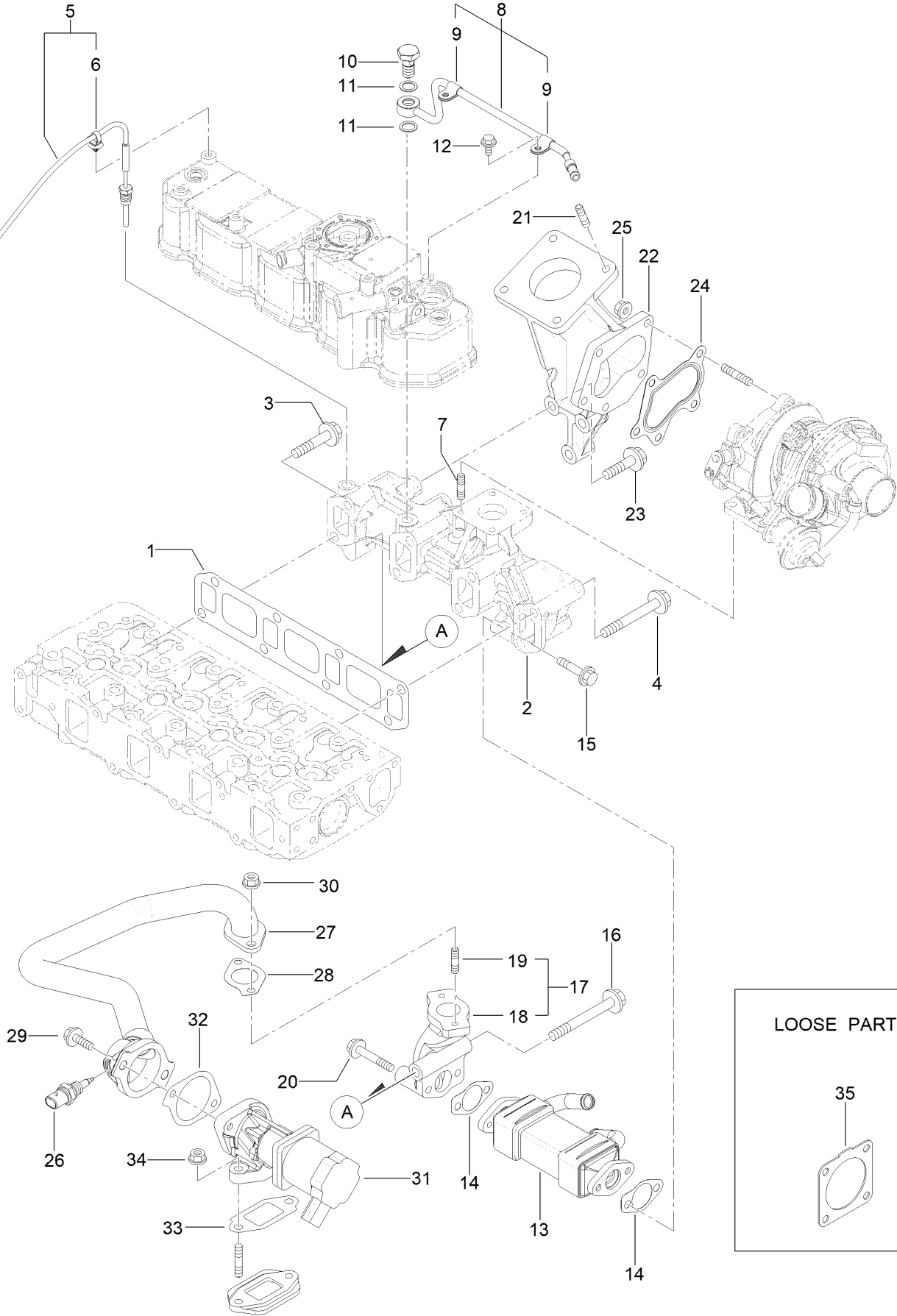
Intake Manifold Assembly



Intake Manifold Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3107	1	Gasket-Manifold, Intake	18	127-3080	1	Joint-Hose
2	127-3135	1	Intake Manifold ASM	19	127-3081	1	Joint-Hose
3	127-3134	1	Manifold-Intake	20	127-3166	2	Washer-Seal
4	127-3180	4	Stud	21	127-3168	2	Screw
5	137-5167	1	Sensor-Temperature, Air	22	138-7831	2	Stud, M8X 35
6	125-7220	5	Bolt	23	127-3045	1	Spacer-Valve, E G R
7	127-3152	1	Duct-Suction	24	127-3046	1	Gasket-E G R
8	127-3096	1	Joint-Rubber	25	125-7220	1	Bolt
9	127-3153	1	Joint-Rubber	26	127-3178	1	Bolt
10	125-7189	1	Clamp-Hose	27	127-3182	3	Stud
11	127-3170	1	Clamp-Hose	28	125-7229	3	Nut
12	125-7190	1	Clamp-Hose	29	127-3035	1	Bend-Inlet
13	127-3171	1	Clamp-Hose	30	127-3036	1	Body-Throttle
14	127-3034	1	Gasket-Collector	31	127-3037	2	Gasket-Throttle
15	127-3093	1	Intake Collector ASM	32	125-7209	2	Bolt
16	127-3092	1	Collector-Intake	33	125-7211	4	Bolt
17	127-3139	1	Valve-Reed	34	127-3177	2	Bolt

Exhaust Manifold Assembly



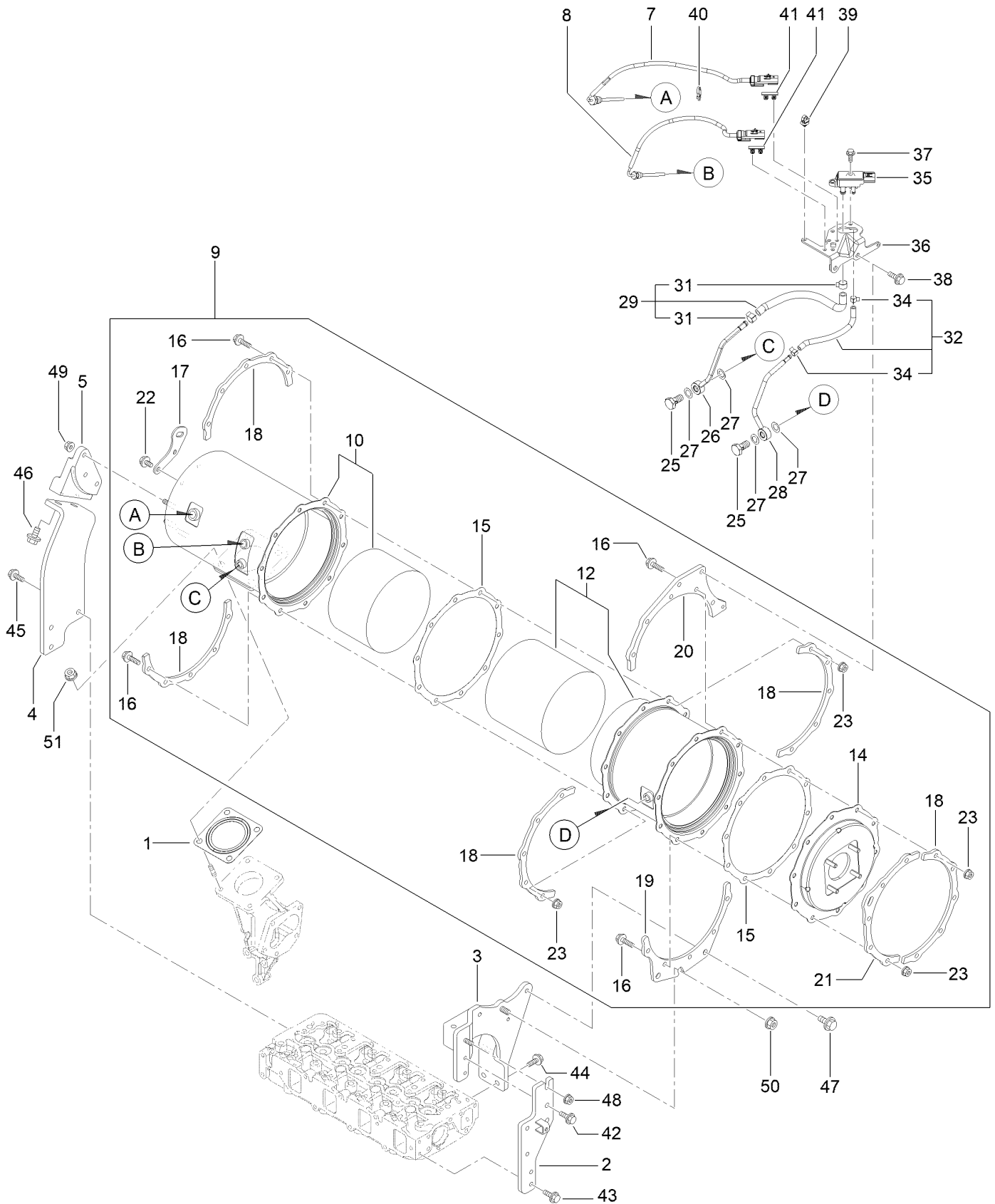
LOOSE PART

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Exhaust Manifold Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3108	1	Gasket-Manifold, Exhaust	19	125-7043	2	Stud
2	127-3136	1	Manifold-Exhaust	20	125-7220	2	Bolt
3	135-4013	1	Bolt	21	127-2984	4	Stud
4	135-4014	7	Bolt	22	127-3137	1	Pipe-Exhaust
5	127-3140	1	Sensor-Temp, Exhaust	23	133-6792	3	Bolt
6	127-3087	1	Band-Clip	24	125-7071	1	Gasket
7	125-7043	4	Stud	25	125-7229	5	Nut
8	127-3038	1	Exhaust Pipe ASM	26	137-5168	1	Sensor-Gas Temp, E G R
9	127-3173	2	Clamp	27	127-3109	1	E G R Pipe ASM
10	127-3039	1	Bolt-Joint, Pipe	28	127-3016	1	Gasket
11	127-3174	2	Gasket	29	125-7215	2	Bolt
12	125-7206	2	Bolt	30	125-7229	2	Nut
13	127-3042	1	Cooler-E G R	31	127-3110	1	Valve-E G R
14	127-3043	2	Gasket-Cooler, E G R	32	127-3050	1	Gasket-Intake Valve, E G R
15	135-4015	2	Bolt	33	127-3051	1	Gasket-Out Valve, E G R
16	135-4016	1	Bolt	34	125-7229	2	Nut
17	127-3048	1	E G R Pipe ASM	35	127-3019	1	Gasket
18	127-3049	1	Pipe-Out, E G R				

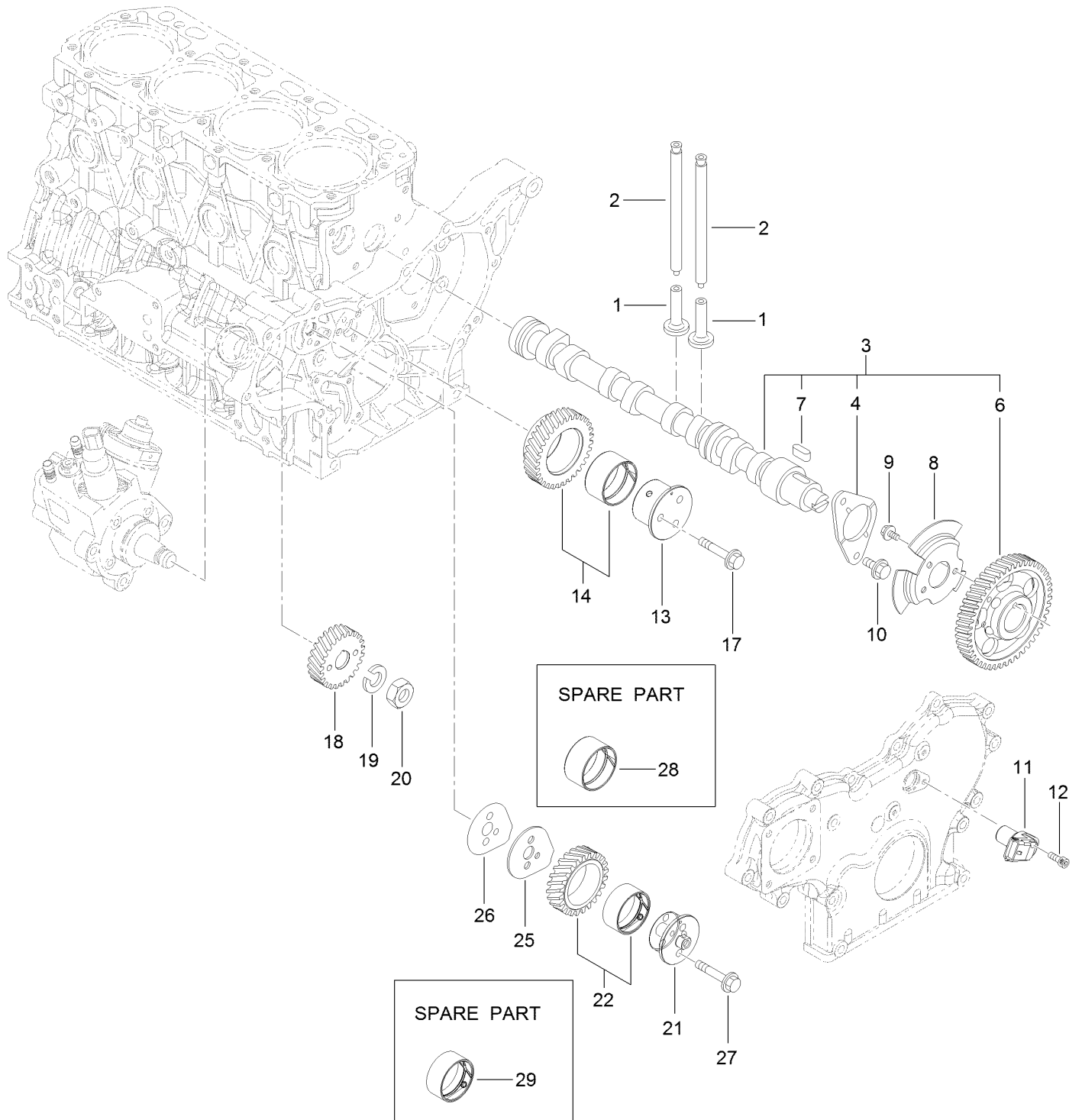
Diesel Particulate Filter Assembly



Diesel Particulate Filter Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-2987	1	Gasket-Silencer	28	127-3165	1	Exhaust Pressure Pipe ASM
2	127-3095	1	Stay-D P F	29	127-3114	1	Exhaust Hose ASM
3	139-4533	1	Stay-D P F	31	127-3057	2	Clip-Hose
4	127-3149	1	Stay-D P F	32	127-3059	1	Exhaust Pressure Hose ASM
5	127-3150	1	Stay-D P F	34	127-3058	2	Clip-Hose
7	127-4764	1	Sensor-Temp, Exhaust	35	127-3060	1	Sensor-Pressure
8	127-4765	1	Sensor-Temp, Exhaust	36	127-3061	1	Bracket-Sensor, Pressure
9	127-3157	1	D P F ASM	37	125-7208	2	Bolt
10	127-3141	1	Case-Doc	38	125-7595	2	Bolt
12	127-3142	2	Case-Filter, Soot	39	127-3060	1	Sensor-Pressure
14	127-3143	1	Flange-Outlet	40	127-3087	1	Band-Clip
15	127-3162	2	Gasket-D P F	41	127-3088	2	Clip-Connector
16	127-3055	20	Bolt	42	125-7595	2	Bolt
17	127-3144	1	Lifter-D P F	43	125-7595	2	Bolt
18	127-3145	5	Stiffener-D P F, A	44	125-7595	2	Bolt
19	127-3146	1	Stiffener-D P F, B	45	125-7595	3	Bolt
20	127-3158	1	Stiffener-D P F, D	46	127-3179	2	Bolt
21	127-3147	1	Stiffener-D P F, C	47	127-3179	2	Bolt
22	125-7213	2	Bolt	48	125-7229	1	Nut
23	125-7229	20	Nut	49	125-7229	3	Nut
25	127-3039	2	Bolt-Joint, Pipe	50	125-7230	1	Nut
26	127-3164	1	Exhaust Pressure Pipe ASM	51	125-7230	4	Nut
27	127-3056	4	Gasket-Sensor				

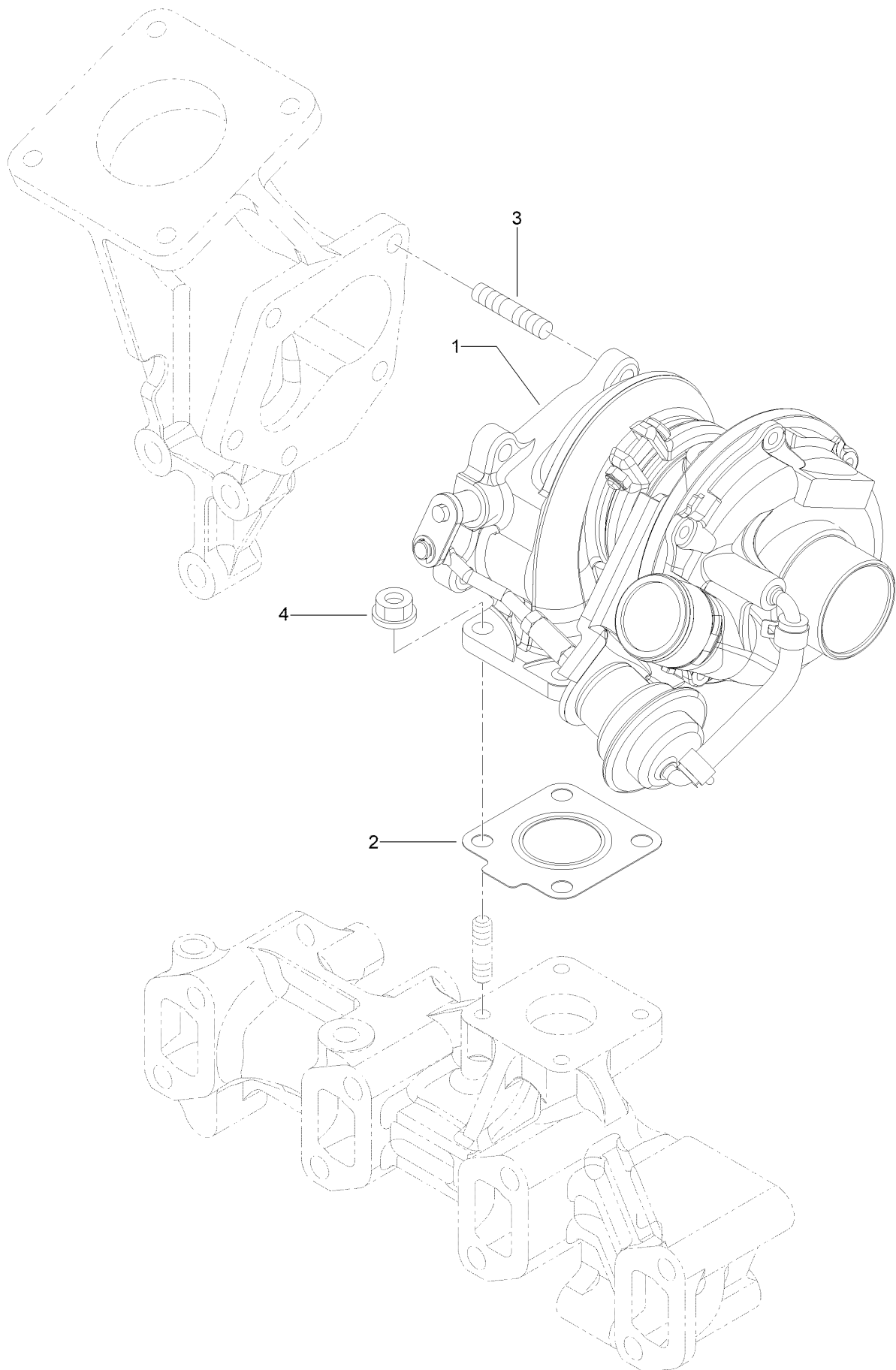
Camshaft and Driving Gear Assembly



Camshaft and Driving Gear Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-7016	8	Tappet	14	127-3066	1	Idle Gear A ASM
2	125-7017	8	Rod-Push	17	125-7219	3	Bolt
3	127-3113	1	Camshaft ASM	18	127-3070	1	Gear-Pump, Supply
4	125-7008	1	Metal-Thrust	19	127-3167	1	Washer-Spring
6	127-3052	1	Gear-Camshaft	20	127-3185	1	Nut-Lock
7	125-7185	1	Key	21	127-3064	1	Shaft-Idle, Gear B
8	127-3053	1	Pulser-Camshaft	22	127-3067	1	Idle Gear B ASM
9	125-7205	3	Bolt	25	127-3068	1	Plate-Idle, Shaft
10	125-7213	2	Bolt	26	127-3069	1	Gasket-Idle, Shaft B
11	127-3054	1	Sensor-Rev, Gear	27	125-7218	2	Bolt
12	127-3184	1	Bolt	28	125-6927	1	Bushing
13	127-3063	1	Shaft-Idle, Gear A	29	127-3065	1	Bushing

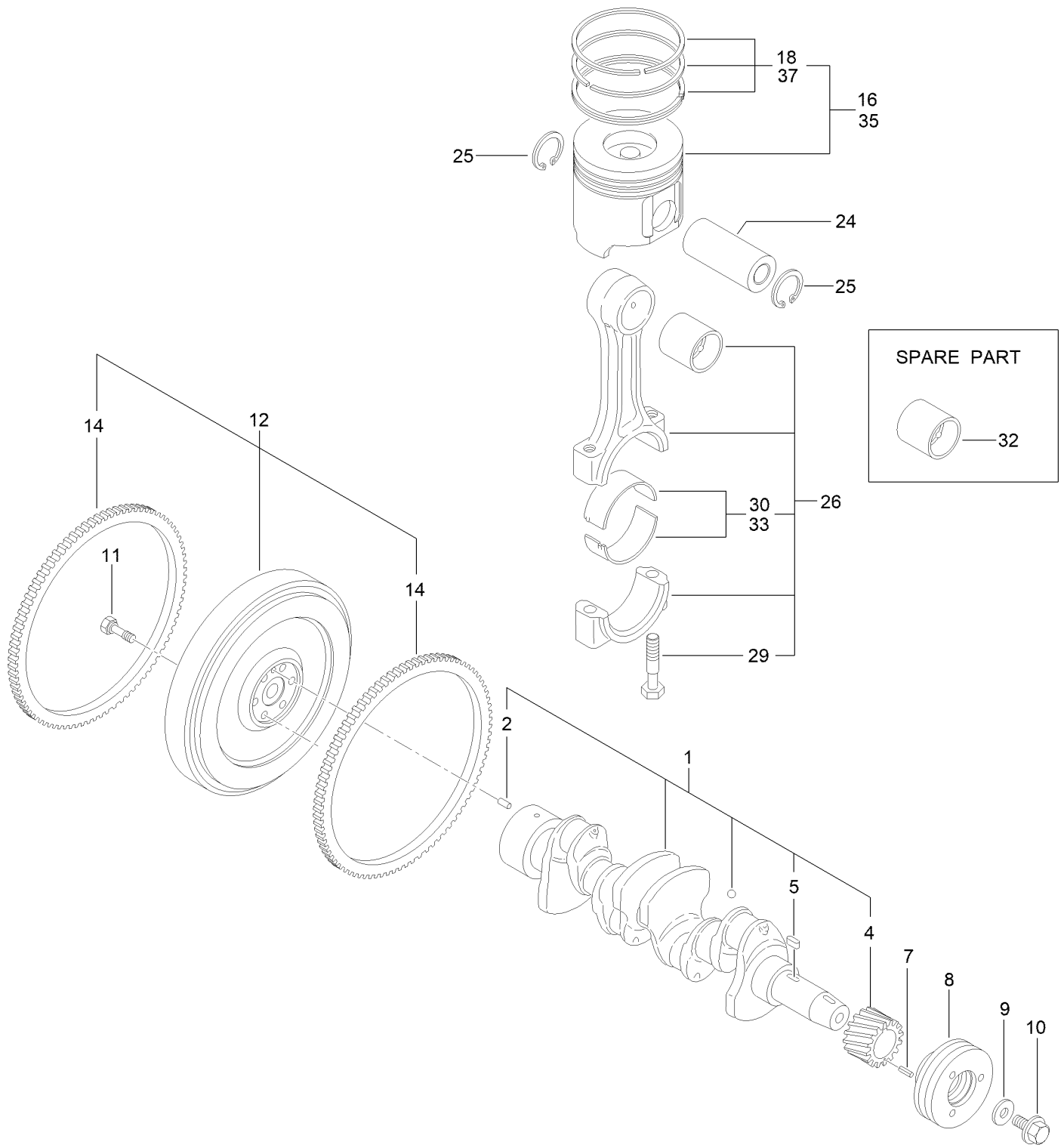
Turbine Assembly



Turbine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	138-7836	1	Turbocharger	3	125-6906	5	Stud
2	125-7070	1	Gasket	4	125-7229	4	Nut

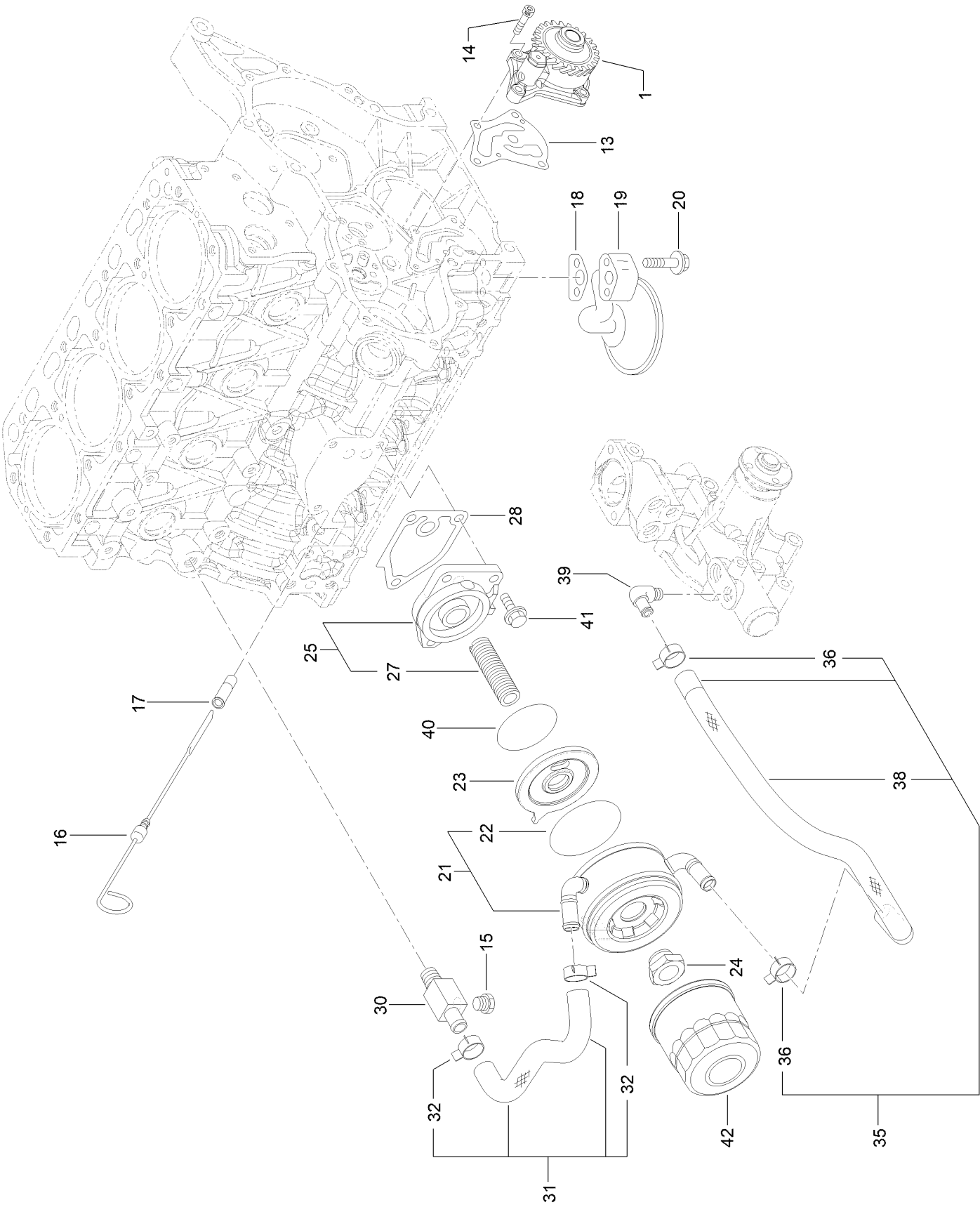
Crankshaft and Piston Assembly



Crankshaft and Piston Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-7091	1	Crankshaft ASM	16	127-3097	4	Piston ASM
2	125-6995	1	Pin	18	127-3098	4	Piston Ring ASM
4	125-6937	1	Gear	24	125-7030	4	Pin
5	125-7185	1	Key	25	125-7180	8	Ring
7	125-7182	1	Pin-Spring	26	125-7242	4	Connecting Rod ASM
8	125-6925	1	V-Pulley	29	125-6955	8	Bolt
9	125-7109	1	Washer	30	125-7018	4	Pin-Crank
10	125-6956	1	Bolt	32	125-6997	4	Pin-Piston
11	125-6951	6	Bolt	33	125-7019	4	Pin-Crank (.25)
12	127-3160	1	Flywheel ASM	35	127-3099	4	Piston ASM (0.25 O.S.)
14	125-6943	1	Gear	37	127-3100	4	Piston Ring ASM (0.25 O.S.)

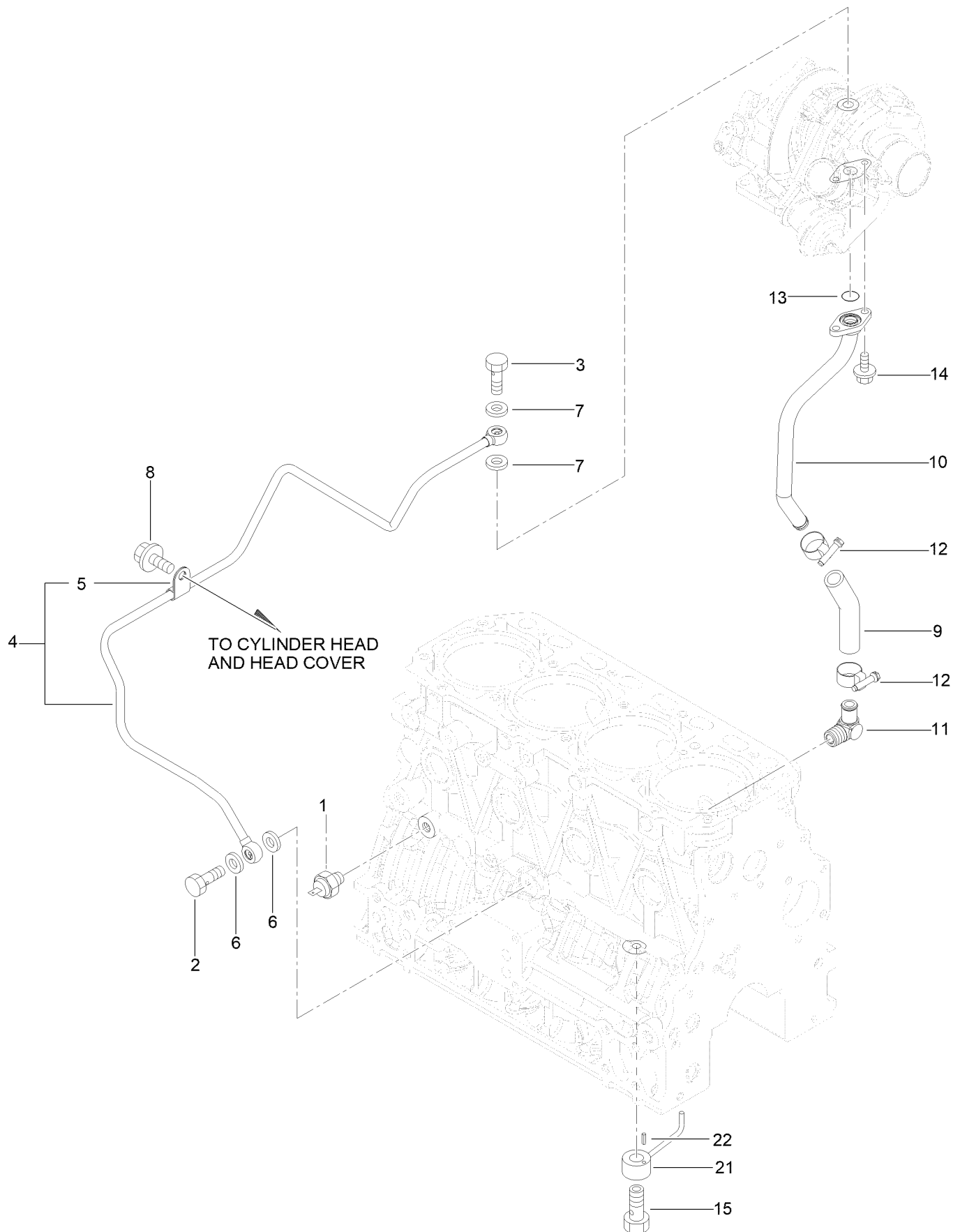
Lubrication and Oil System Assembly



Lubrication and Oil System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3101	1	Oil Lube Pump ASM	25	127-3009	1	Bracket ASM
13	127-3004	1	Gasket	27	127-3010	1	Stud
14	125-7232	4	Bolt	28	125-7024	1	Gasket
15	125-7171	1	Plug-Drain	30	125-6990	1	Joint
16	125-6987	1	Dipstick	31	127-3102	1	Pipe-Cooling, Water
17	125-6954	1	Guide-Dipstick	32	125-7162	2	Clip
18	125-7022	1	Gasket	35	127-3103	1	Hose-Cooling, Water
19	125-7023	1	Pipe ASM	36	125-7162	2	Clip
20	125-7217	2	Bolt	38	127-3007	1	Tube
21	127-3014	1	Cooler ASM	39	125-7001	1	Elbow
22	127-2985	1	O-Ring	40	127-3176	1	O-Ring
23	138-7839	1	Bracket, Cooler	41	125-7595	3	Bolt
24	125-7041	1	Nut-Cooler, Oil	42	125-7025	1	Filter-Engine, Oil

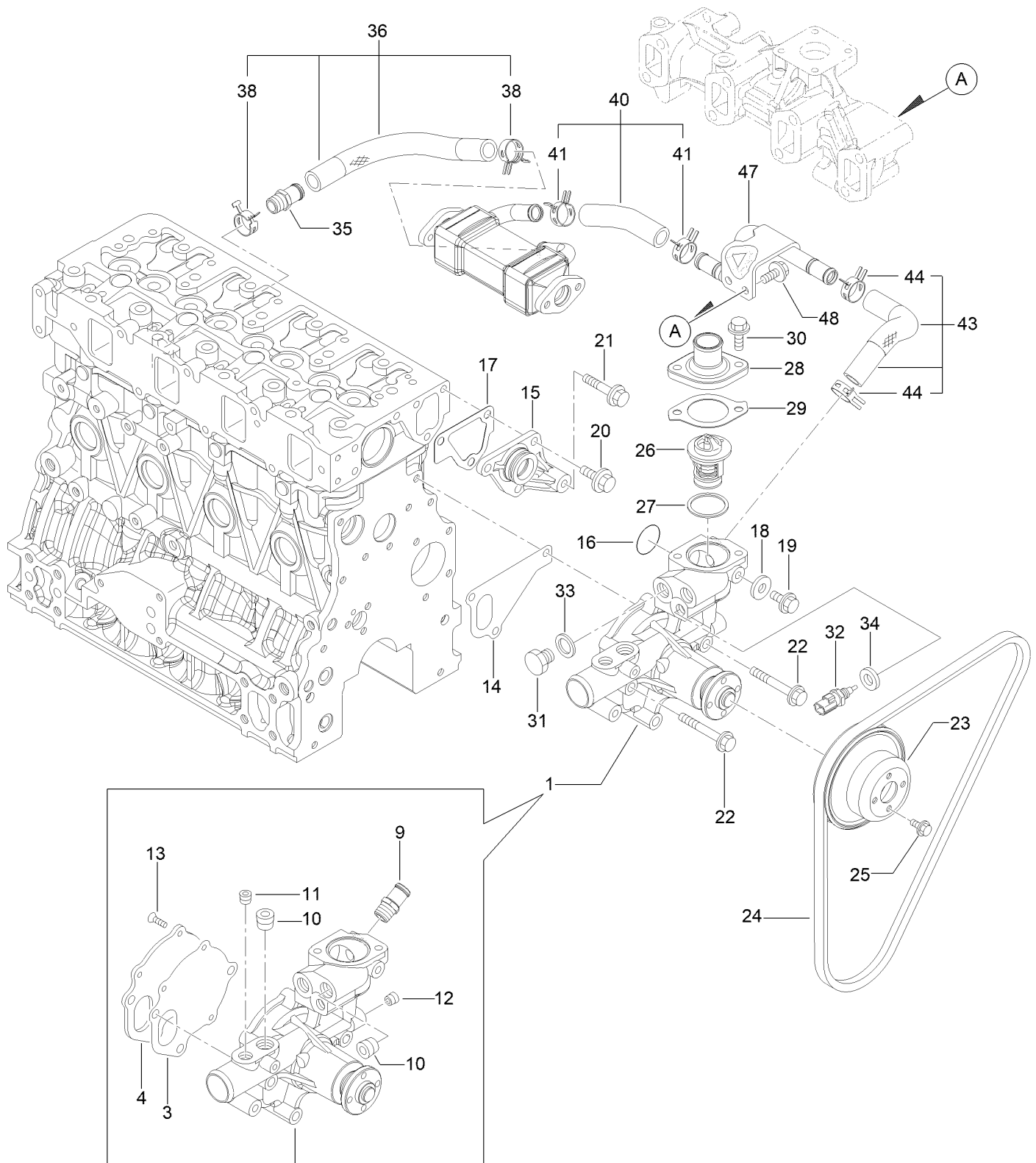
Lubrication Oil Line Assembly



Lubrication Oil Line Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-6918	1	Switch-Oil	10	127-3155	1	Pipe-Lube, Oil
2	125-6975	1	Bolt-Joint, Pipe	11	127-3003	1	Elbow
3	125-6952	1	Bolt-Joint, Pipe	12	127-3169	2	Clamp-Hose
4	127-3154	1	Lube Oil Pipe ASM	13	125-7198	1	O-Ring
5	125-6976	1	Retainer	14	125-7206	2	Bolt
6	125-7175	2	Washer-Seal	15	125-7105	4	Check Valve ASM
7	125-7193	2	Gasket	21	125-7098	4	Nozzle
8	93-0362	1	Bolt	22	125-7182	4	Pin-Spring
9	127-2992	1	Joint				

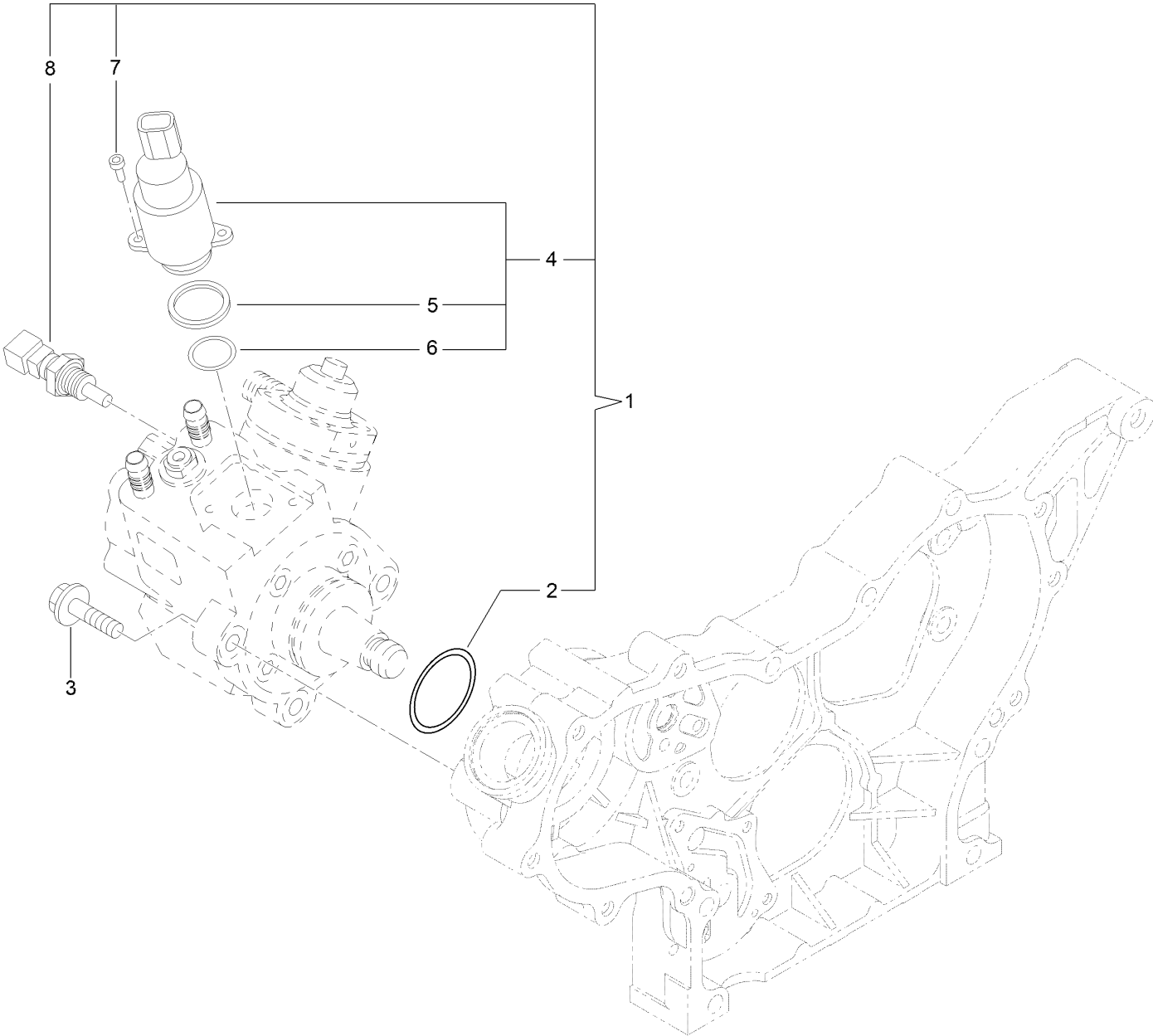
Cooling Water System Assembly



Cooling Water System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-2714	1	Water Pump ASM	25	125-7206	4	Bolt
3	125-6998	1	Gasket	26	125-7029	1	Thermostat
4	125-6999	1	Plate	27	125-7026	1	Gasket
9	127-3017	1	Joint	28	125-7034	1	Cover
10	125-7123	2	Plug	29	125-7110	1	Gasket
11	125-7001	1	Elbow	30	125-7594	2	Bolt
12	125-7195	1	Plug	31	125-6953	1	Plug
13	125-7234	3	Screw	32	125-7124	1	Sensor-Thermostat, CW
14	125-7047	1	Gasket	33	125-6979	1	Gasket
15	125-6986	1	Joint	34	125-7176	1	Washer-Seal
16	125-7048	1	O-Ring	35	127-3017	1	Joint
17	125-6978	1	Gasket	36	127-3072	1	Water In Pipe ASM
18	125-7192	1	Gasket	38	127-3020	2	Clip-Hose
19	125-7212	1	Bolt	40	127-3115	1	Water Out Pipe ASM
20	125-7214	3	Bolt	41	127-3020	2	Clip-Hose
21	125-7219	1	Bolt	43	127-3116	1	Water Out Pipe ASM
22	125-7222	3	Bolt	44	127-3020	2	Clip-Hose
23	125-7039	1	V-Pulley	47	138-7841	1	Water Pipe ASM
24	139-4534	1	V Belt	48	125-7214	2	Bolt

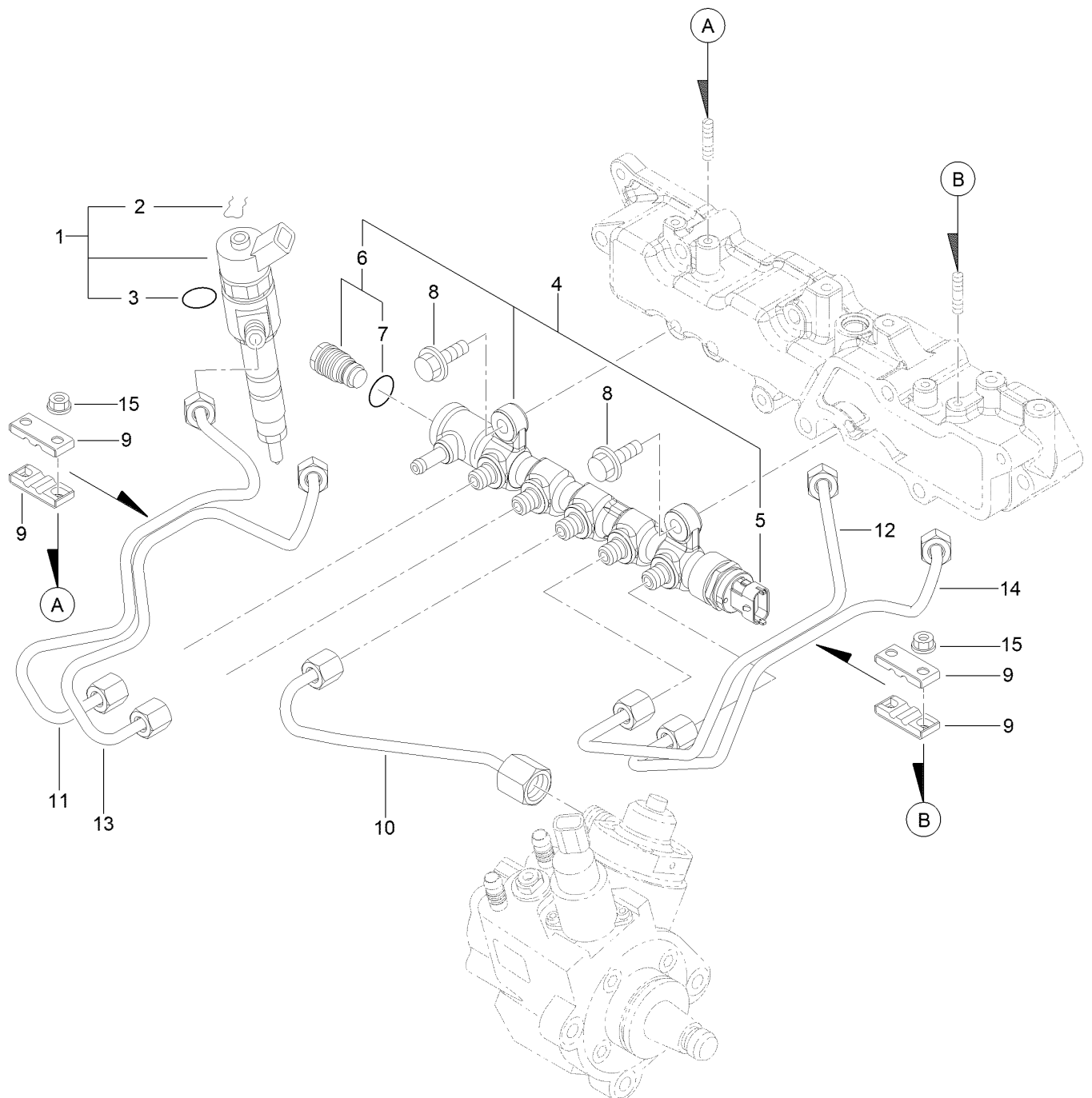
Fuel Pump Assembly



Fuel Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3073	1	Fuel Pump ASM	5	131-2105	1	Ring-Sealing
2	127-3074	1	O-Ring	6	131-2106	1	O-Ring
3	125-7216	3	Bolt	7	131-2107	2	Bolt
4	131-2103	1	Valve ASM	8	131-2108	1	Sensor-Temperature

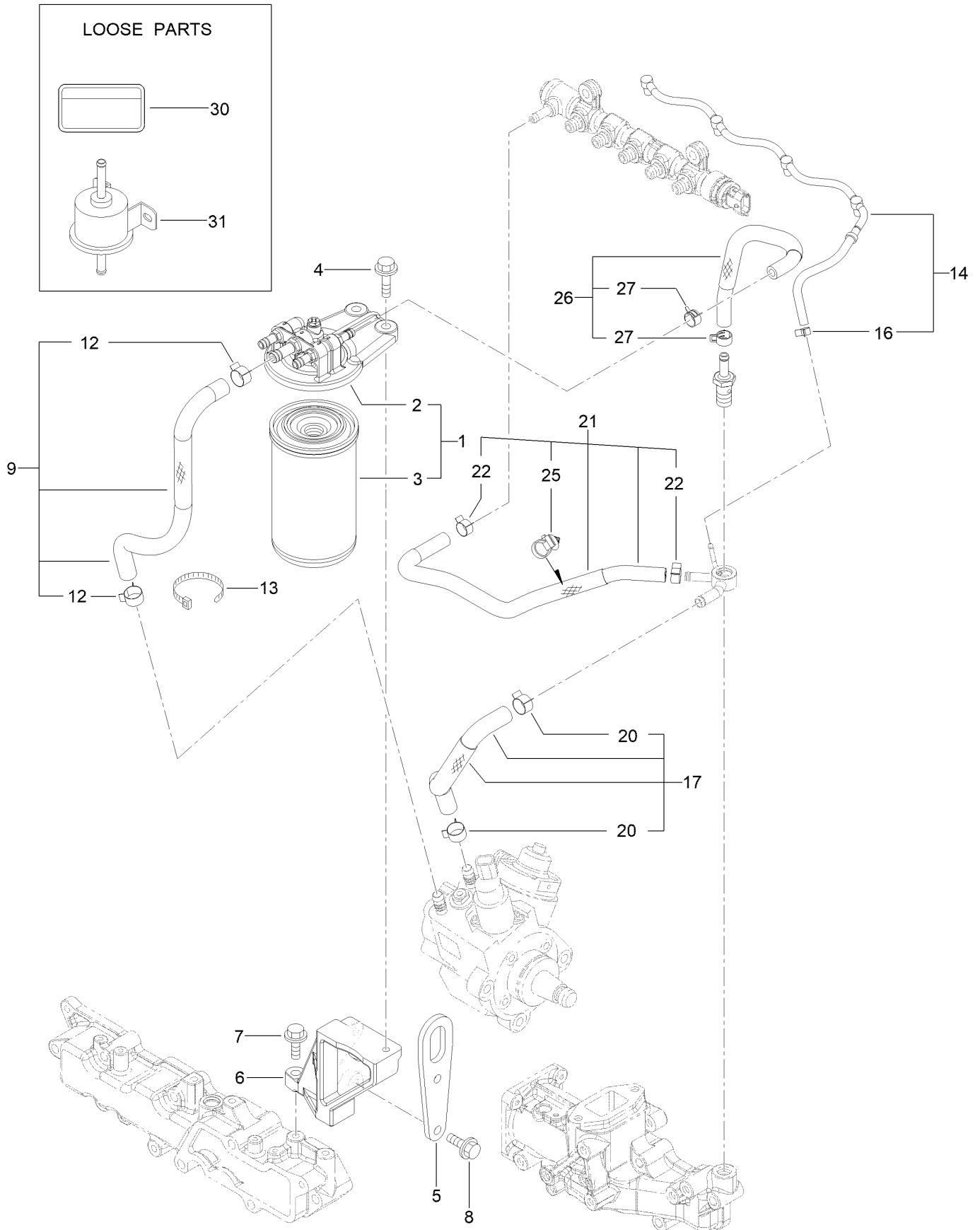
Fuel Injection Valve Assembly



Fuel Injection Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3104	4	Injector ASM	9	127-2982	4	Retainer
2	130-7430	4	Ring-Retaining	10	127-3082	1	Rail In Pipe ASM
3	137-5173	4	O-Ring	11	127-3121	1	Injection Pipe ASM
4	127-3118	1	Rail ASM	12	127-3083	1	Injection Pipe ASM
5	131-2709	1	Sensor-Pressure, Rail	13	127-3122	1	Injection Pipe ASM
6	131-2710	1	Valve ASM	14	127-3084	1	Injection Pipe ASM
7	131-2711	1	O-Ring	15	125-7231	4	Nut
8	125-7215	2	Bolt				

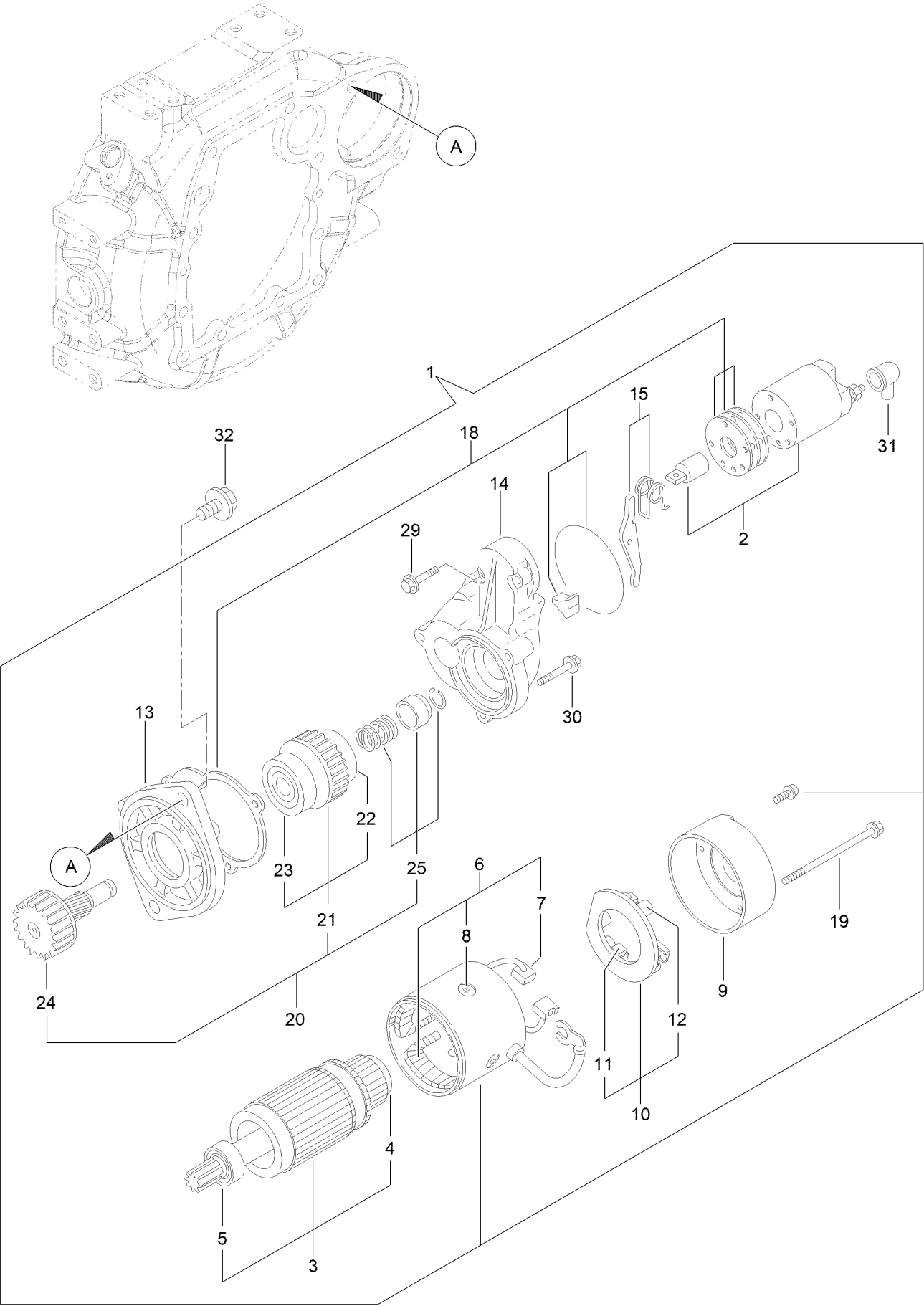
Fuel Line Assembly



Fuel Line Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-4535	1	Filter ASM	14	138-7845	1	Return Pipe ASM
2	127-3076	1	Fuel/Oil Filter Bracket ASM	16	127-3172	1	Clamp-Hose
3	139-6017	1	Filter-Fuel	17	127-3078	1	Fuel Pipe ASM
4	125-7216	2	Bolt	20	125-7191	2	Clamp-Hose
5	127-3091	1	Lifter-Engine	21	127-3119	1	Fuel Pipe ASM
6	127-3105	1	Stay-Bracket, Filter	22	127-2950	2	Clip-Hose
7	125-7215	1	Bolt	25	127-3087	1	Band-Clip
8	125-7216	2	Bolt	26	127-3079	1	Fuel Pipe ASM
9	127-3077	1	Fuel Pipe ASM	27	127-2950	2	Clip-Hose
12	125-7191	2	Clamp-Hose	30	125-6900	1	Label-Caution, Fuel Oil
13	127-2981	1	Band	31	127-3008	1	Fuel Feed Pump ASM

Starting Motor Assembly

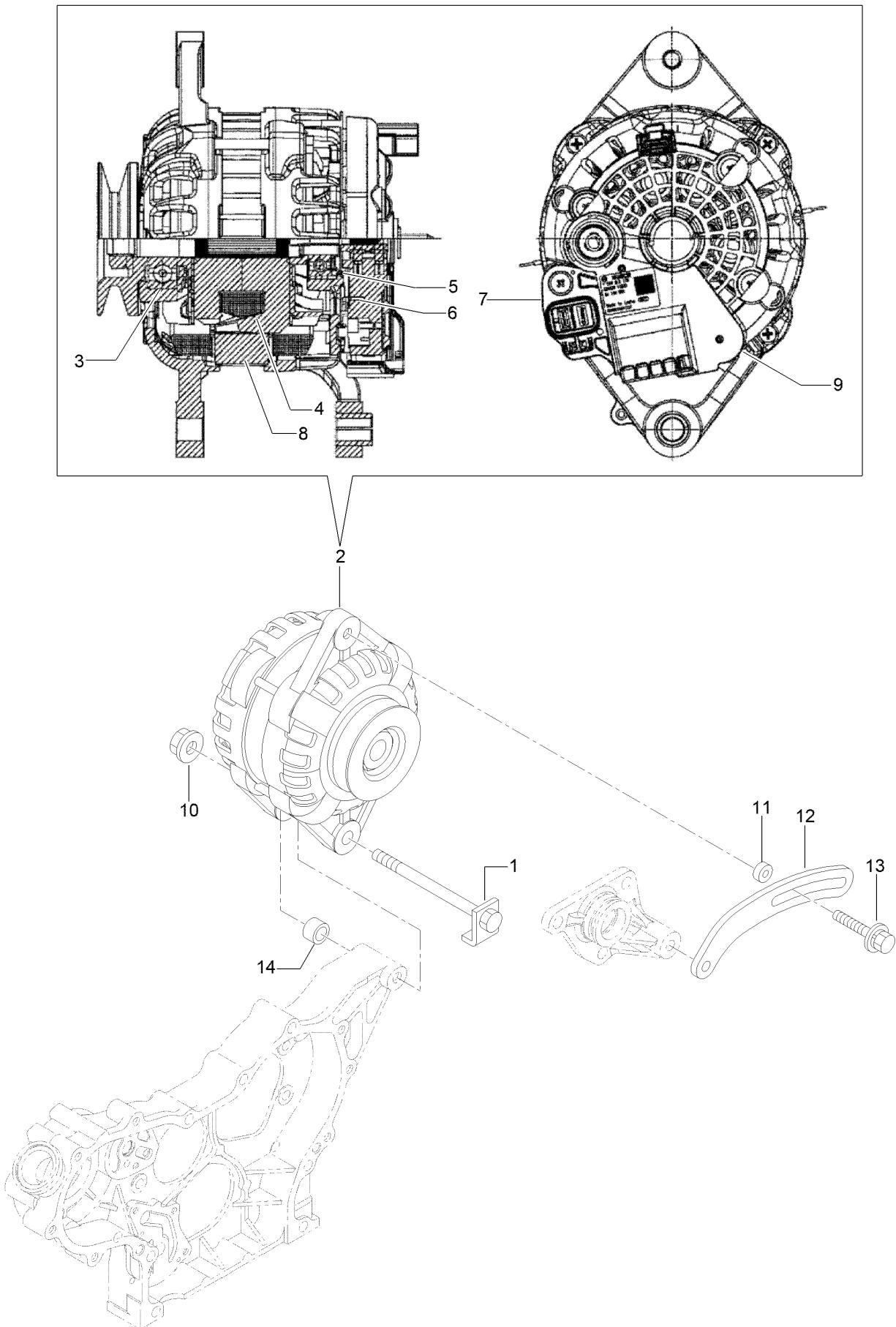


Starting Motor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-7003	1	Starter
2	125-7004	1	Switch ASM
3	125-7112	1	Armature ASM
4	138-7846	1	Bearing-Ball
5	138-7847	1	Bearing-Ball
6	125-7113	1	Field Coil ASM
7	125-7114	2	Brush
8	138-7848	4	Screw-Set
9	125-7115	1	Cover
10	125-7116	1	Brush Holder ASM
11	138-7849	2	Brush
12	125-7036	4	Spring
13	125-7164	1	Case-Gear
14	125-7005	1	Housing

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
15	125-7165	1	Lever Set
18	125-7037	1	Dust Cover ASM
19	125-7117	2	Bolt-Through
20	125-7166	1	Pinion ASM
21	125-7250	1	Clutch ASM
22	125-7251	1	Bearing-Ball
23	139-4536	1	Bearing-Ball
24	125-7167	1	Shaft
25	125-7168	1	Stopper Set
29	125-7210	2	Bolt
30	125-7211	3	Bolt
31	125-7169	1	Cover
32	125-7225	2	Bolt

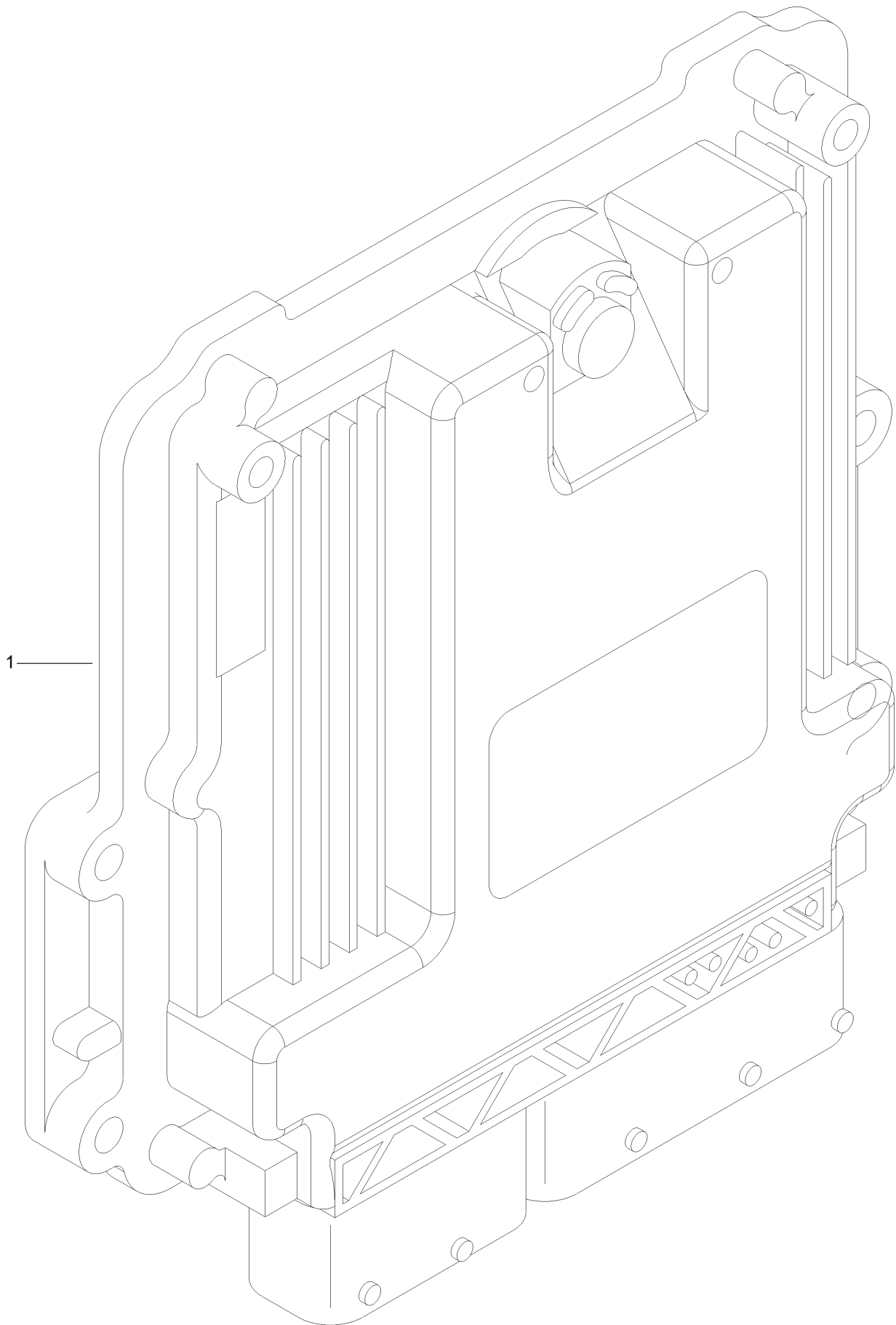
Generator Assembly



Generator Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-7121	1	Bolt-Stopper	8	139-4542	1	Stator
2	125-7120	1	Alternator-12V	9	139-4543	1	Protector
3	139-4537	1	Bearing-Ball, Fr	10	125-7230	1	Nut
4	139-4538	1	Rotor	11	138-7852	1	Spacer-Alternator
5	139-4539	1	Bearing-Ball, Rr	12	138-7853	1	Adjuster-Belt
6	139-4540	1	Rectifier	13	135-4027	1	Bolt-Adjust
7	139-4541	1	Regulator	14	138-7851	1	Piece-Distance

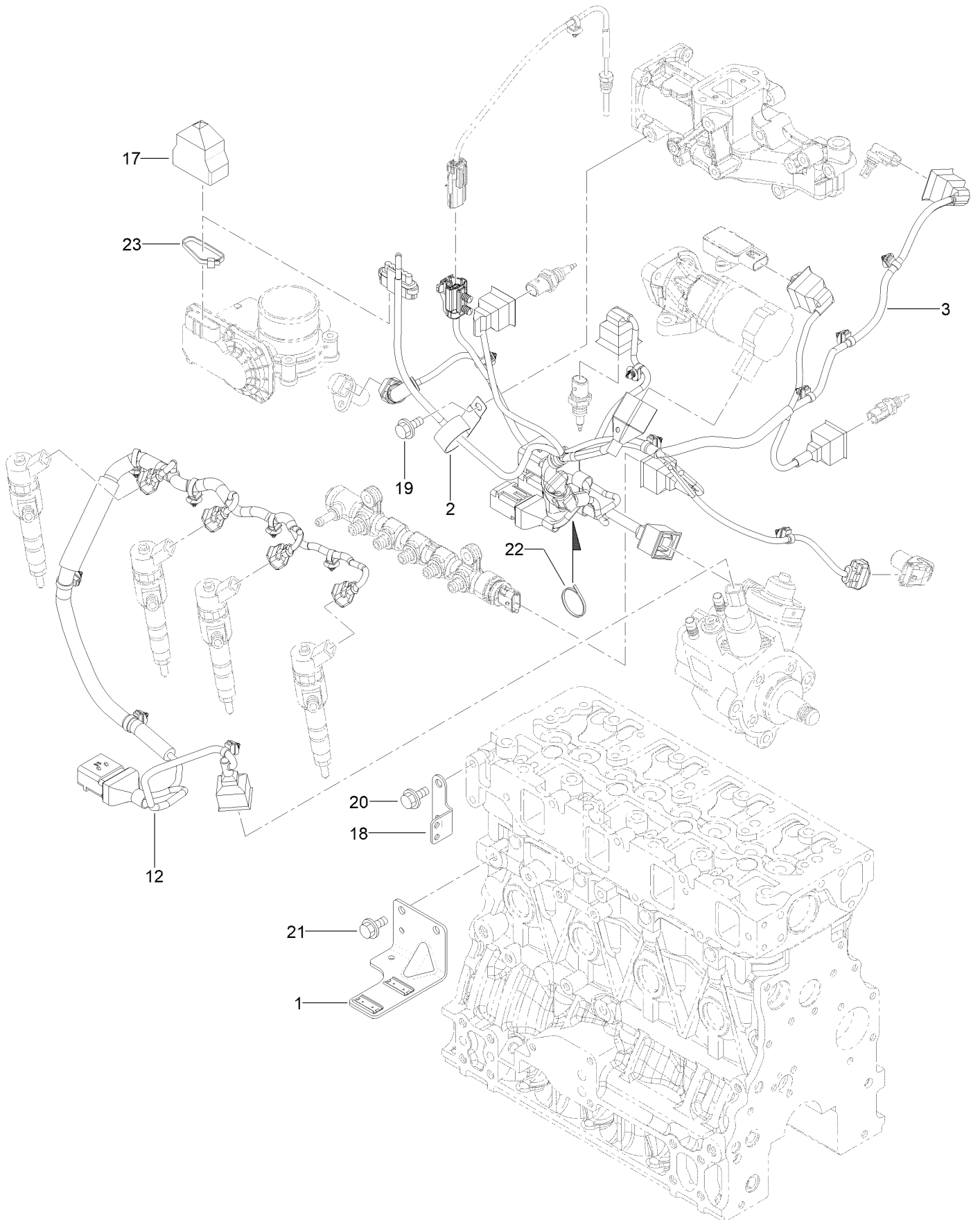
Electronic Control Unit Assembly



Electronic Control Unit Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-5592	1	Electronic Control Unit

Electric Parts Assembly

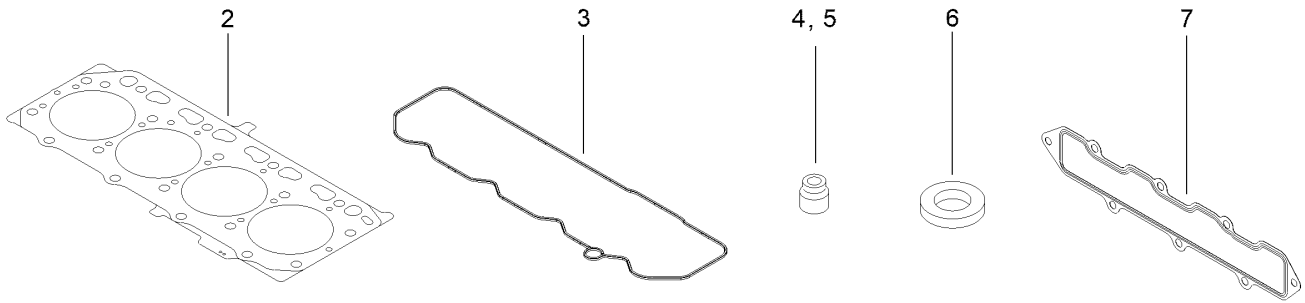


Electric Parts Assembly (continued)

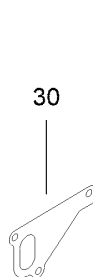
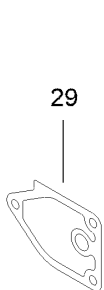
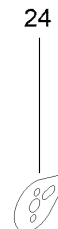
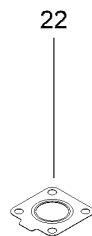
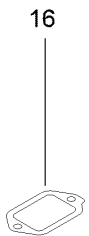
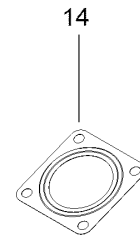
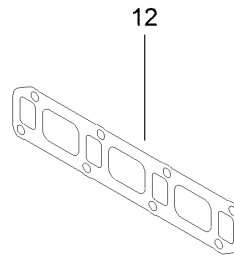
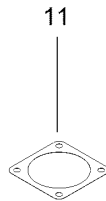
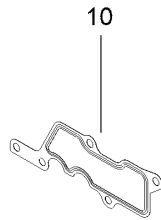
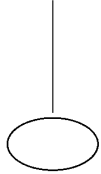
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3086	1	Bracket-Connector	19	125-7212	1	Bolt
2	127-3018	1	Clip	20	125-7212	2	Bolt
3	138-7855	1	Harness B	21	125-7212	2	Bolt
12	127-3125	1	Harness C	22	127-3187	1	Band
17	131-2713	1	Boot-Cap	23	127-3188	1	Band
18	127-3090	1	Bracket-Harness				

Gasket Set

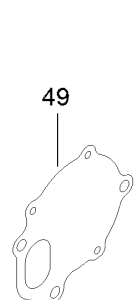
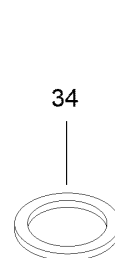
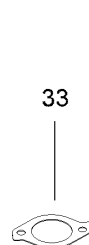
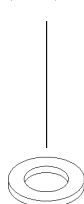
1



8, 9, 26, 27
31, 36, 45, 46
47, 50, 51, 52



32, 37, 38
39, 40, 41
42, 43, 44



Gasket Set (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3189	1	Gasket Kit	28	125-7022	1	Gasket
2	127-3126	1	Gasket-Head, Cylinder	29	125-7024	1	Gasket
3	127-3106	1	Gasket-Cover	30	125-7047	1	Gasket
4	127-2986	4	Seal-Stem, Valve	31	125-7048	1	O-Ring
5	127-3027	4	Seal-Stem, Valve	32	125-6979	1	Gasket
6	127-3021	4	Gasket-Injector	33	125-7110	1	Gasket
7	127-3107	1	Gasket-Manifold, Intake	34	125-7026	1	Gasket
8	127-3032	2	O Ring-Sensor, Pressure	35	125-6978	1	Gasket
9	127-3033	1	O-Ring	36	127-3074	1	O-Ring
10	127-3034	1	Gasket-Collector	37	125-7174	1	Washer-Seal
11	127-3037	2	Gasket-Throttle	38	125-7175	2	Washer-Seal
12	127-3108	1	Gasket-Manifold, Exhaust	39	125-7176	1	Washer-Seal
13	127-3019	1	Gasket	40	127-3166	2	Washer-Seal
14	127-2987	1	Gasket-Silencer	41	125-7177	1	Washer-Seal
15	127-3043	2	Gasket-Cooler, E G R	42	125-7192	1	Gasket
16	127-3046	1	Gasket-E G R	43	125-7193	2	Gasket
17	127-3016	1	Gasket	44	127-3174	2	Gasket
18	127-3050	1	Gasket-Intake Valve, E G R	45	93-0418	3	O-Ring
19	127-3051	1	Gasket-Out Valve, E G R	46	125-7197	1	O-Ring
22	125-7070	1	Gasket	47	125-7198	1	O-Ring
23	125-7071	1	Gasket	49	125-6998	1	Gasket
24	127-3069	1	Gasket-Idle, Shaft B	50	127-2985	1	O-Ring
25	127-3004	1	Gasket	51	131-2106	1	O-Ring
26	125-6909	2	O-Ring	52	130-7433	1	O-Ring
27	127-2973	1	O-Ring				

Attachments and Accessories

For 30887 — Groundsmaster 4700-D Rotary Mower

Product Name	Model/Part
Operator Cooling Fan	03247
27in Rotary Cutting Unit.....	30834
Switch Panel-Universal Sunshade.....	03248
Leaf Mulching Kit	30836
Blade-Atomic	107-0235-03
Blade-27in Combo	108-9026
Blade-Angle Sail	105-9810-03
Blade-High Lift	104-5183
Premium All Purpose Grease (Tube)	108-1190
1000 Hour Mvp Kit-Tier IV.....	44967
27in Blade Service Pack (qty 7)	108-1464
3in Dia, 27in Sectional Roller Assembly.....	137-6145
Deck Cover	111-4525
TV Kit - German Vehicle Serial Plate	02983
White Universal Sunshade	30669
Deck Lock Kit, Groundsmaster 4500-D/4700-D Traction Unit	119-8641
Roller Asm (UHMW)	131-7800
Ballast Kit (27in C/U)	136-2881
Roller Scraper Kit.....	104-5168
Road Light Kit, Groundsmaster 4500-D or 4700-D Traction Unit.....	30670
Cab Kit.....	30901
4wd Flow Divider Kit, Gm45/4700-f20 U	31529
Red Universal Sunshade	30671
Beacon Kit	138-2699
Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade.....	140-1554
Power Harness Kit (GM45XX/GM47XX/GM7XXX).....	138-2995
Operator Golf Ball Guard, Reelmaster 3100/3500/5010 or Groundsmaster 3500/4300 Series Traction Unit	03614
Large Seat Cover.....	131-6691
Adapter-ball Guard	137-1392
Reverse Tow Kit.....	136-3620
Dark Metallic Gray Aerosol Paint	361-12
New Red Paint - Gallon	361-11
Air Dry Red Paint - Qt	5340
Damper Kit, Cutting Units for Groundsmaster 4700-D Traction Unit.....	119-2049
Wireless Hourmeter	115-4754
Semi-Gloss Black Spray Paint.....	361-9
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal).....	133-8087

Notes:

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Count on it.