



Count on it.

Parts Catalog

Groundsmaster® 3500-G Rotary Mower

Model No. 30809—Serial No. 407000000 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.

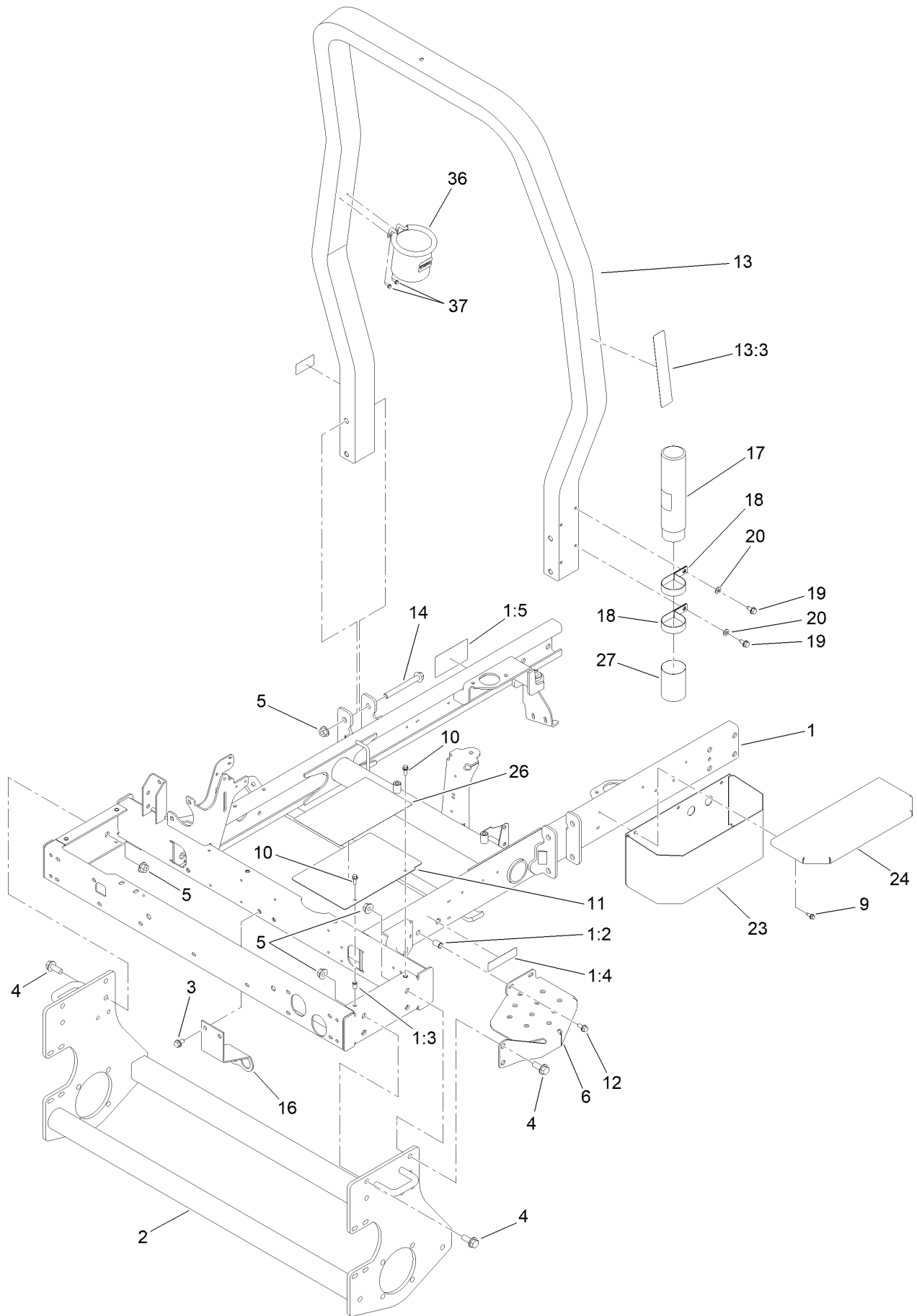
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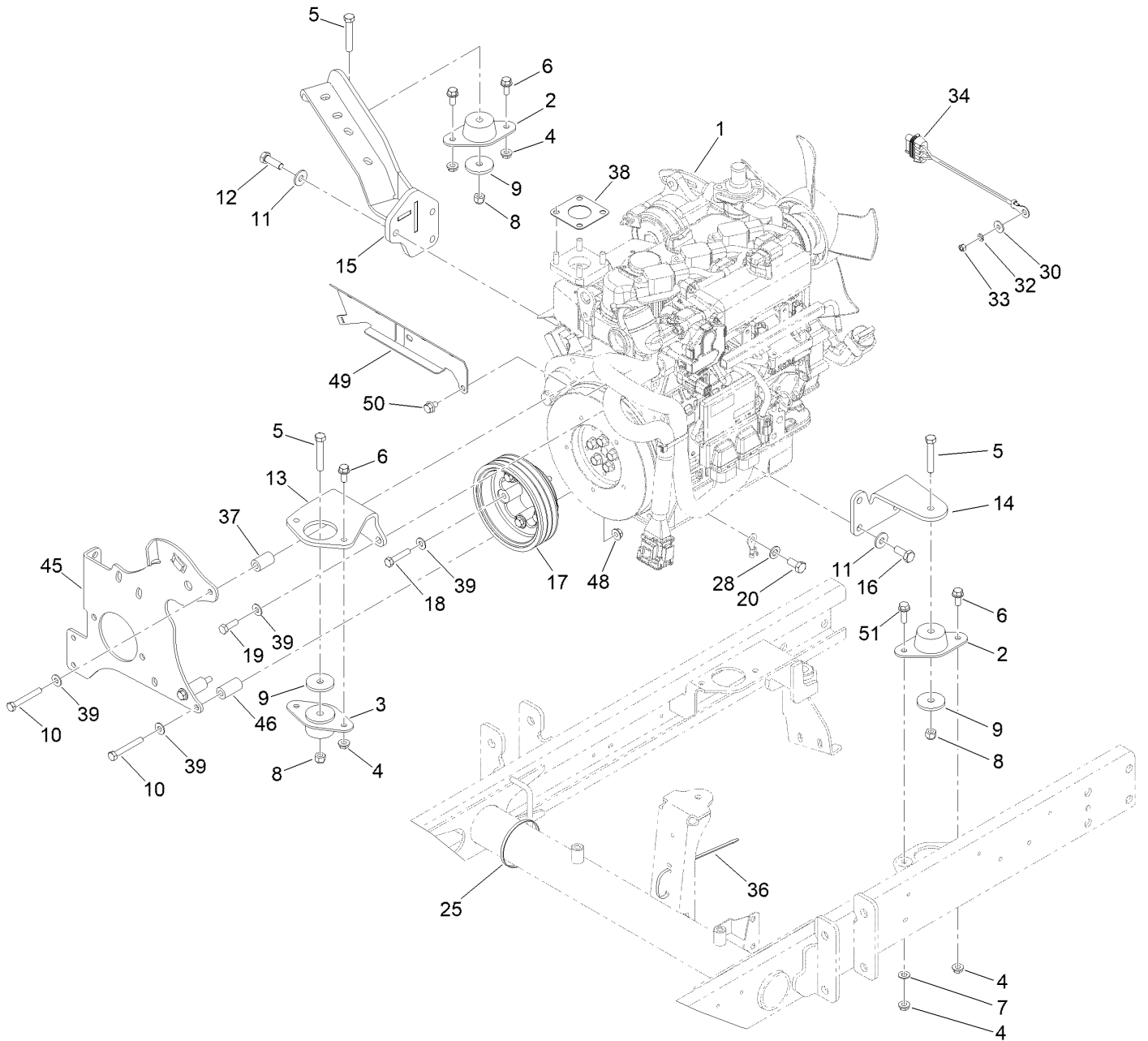
Frame and Roll-Over Protection System Assembly



Frame and Roll-Over Protection 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	121-3635	1	Frame	13	127-8493	1	ROPS ASM
1:2	32148-8	2	Nut-Clinch	13:3	136-3702	1	Decal-Safety, ROPS
1:3	32148-6	4	Nut-Clinch	14	117-3176	4	Screw-HHF
1:4	133-8062	1	Decal-Spark Arrestor	16	115-3417-0P	1	Bracket-Bulkhead, Scissor
1:5	117-3270	1	Decal-Danger	17	104-7050	1	Tube-Manual
2	95-8568-03	1	Frame-Lower	18	2412-133	2	Clamp-R
3	32144-15	2	Screw-HHFTF	19	32144-70	2	Screw-HWHTF
4	3234-38	8	Screw-HHF	20	3256-23	2	Washer-Plain
5	32128-49	12	Nut-HHF	23	104-4634-03	1	Toolbox
6	99-3375-03	1	Step	24	104-4633-03	1	Cover-Toolbox
9	32144-10	3	Screw-HWH	26	121-3623	1	Decal-Danger
10	3234-4	2	Screw-HHF	27	104-7048	1	Cap-Housing
11	104-0468-01	1	Cover-Frame	36	117-2378	1	Holder-Bag
12	3234-5	2	Screw-HHF	37	32144-1	2	Screw-Taptite

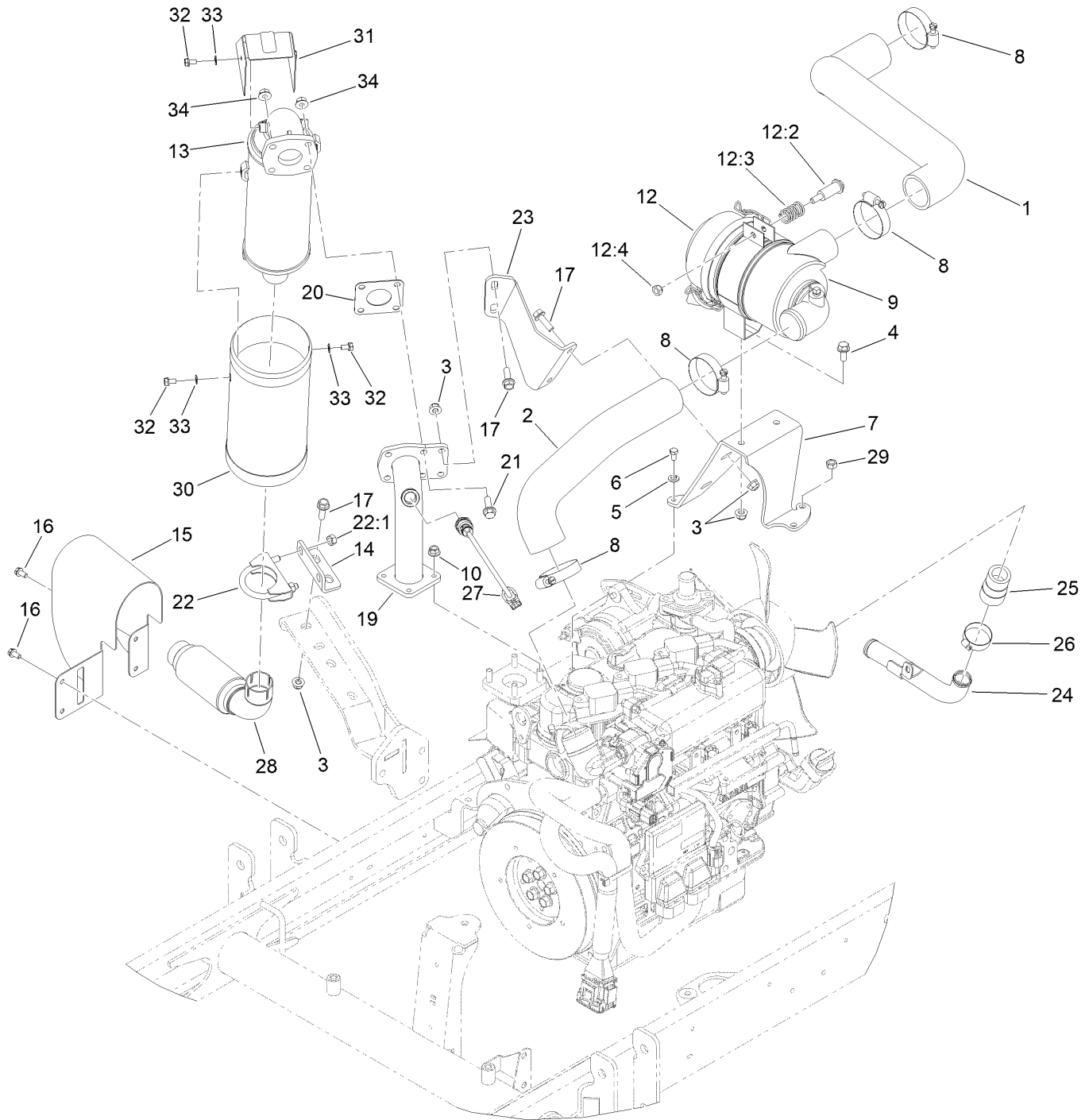
Engine Assembly



Engine 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	132-5216	1	Engine-Kubota	19	33114-025	1	Screw-HH
2	121-9076	2	Mount-Engine	20	63-7790	1	Screw-Cap
3	93-5265	1	Mount-Engine	25	3290-379	2	Tie-Cable
4	32128-20	6	Nut-HF	28	33095-00	1	Washer-Flat
5	323-11	3	Screw-HH	30	3256-78	1	Washer-Flat
6	3234-5	5	Screw-HHF	32	43-5930	1	Washer-Lock, Spring
7	120-9683	1	Washer-Plain	33	48-7890	1	Nut-Hex
8	3296-39	3	Nut-Lock, NI	34	99-3441	1	Harness-Wire, Fusible Link
9	80-8560	3	Washer-Hardened	36	3290-378	14	Tie-Cable
10	33114-060	3	Screw-HH	37	120-3386	1	Spacer
11	80-6990	6	Washer-Hardened	38	125-9108	1	Gasket-Muffler
12	95-8812	3	Screw-HH	39	87-8640	9	Washer-Flat
13	120-3384-0P	1	Mount-Engine, Front	45	120-3367-0P	1	Plate-Mount,Pump
14	120-3383-0P	1	Mount-Engine, LH	46	120-3387	2	Spacer
15	120-3379-0P	1	Mount-Engine, RH	48	98-0668	2	Nut
16	43-0090	3	Screw-HH	49	121-3529-0P	1	Bracket-Wire Harness
17	120-3359-03	1	Pulley-Machined	50	68-9410	2	Screw-HHF
18	33114-040	5	Screw-HH	51	3234-17	1	Screw-HHF

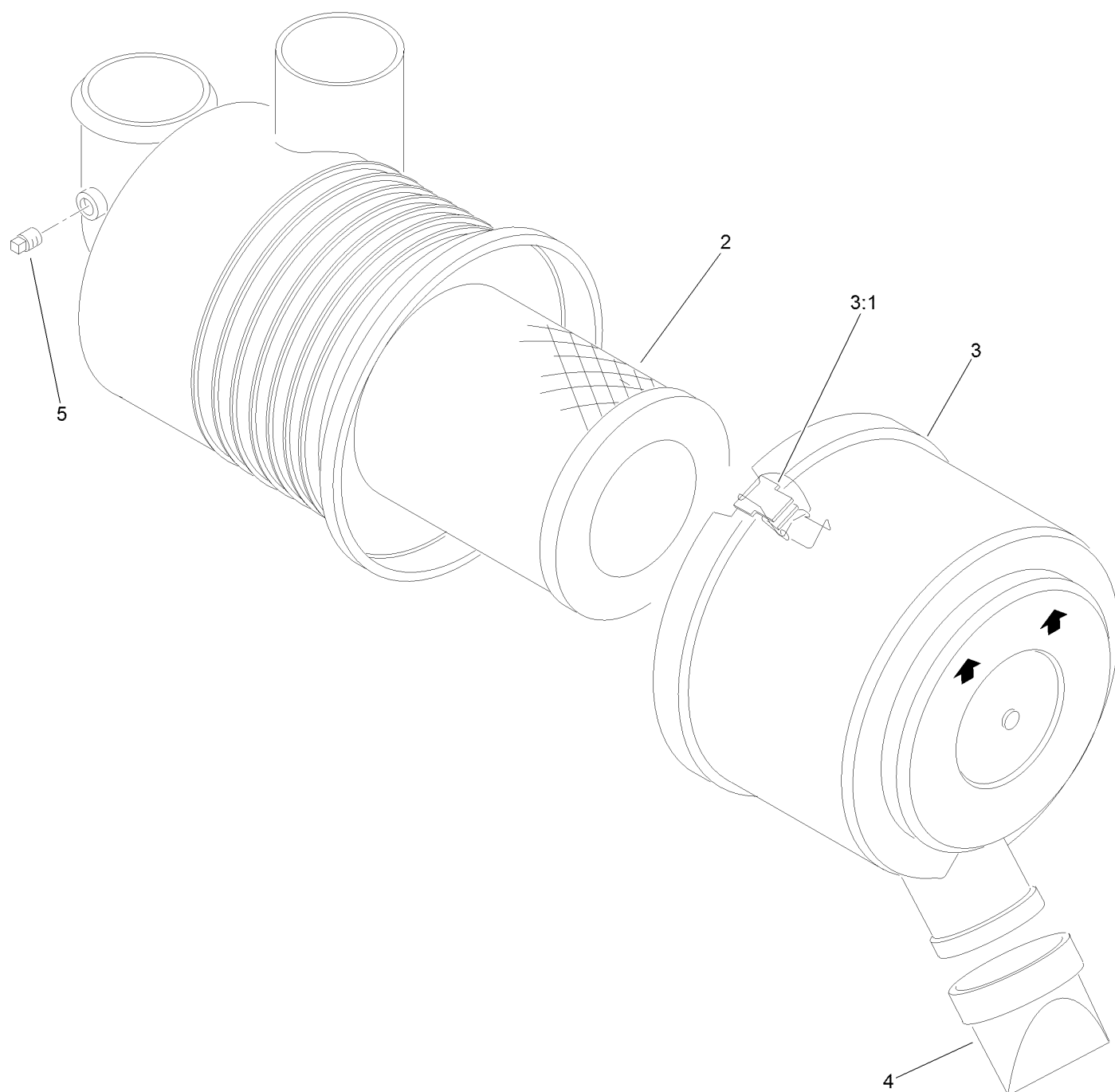
Air Cleaner and Muffler Assembly



Air Cleaner and Muffler 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	120-3501	1	Hose-Air Intake, Upper	17	3234-17	6	Screw-HHF
2	120-3390	1	Hose-Intake, Lower	19	120-3365	1	Tube-Muffler Mount
3	104-8300	8	Nut-HF, NI	20	125-9108	1	Gasket-Muffler
4	3234-5	2	Screw-HHF	21	93-7773	4	Screw-HHF
5	3253-4	1	Washer-Lock	22	2112-6	1	Clamp-Muffler
6	121-4604	1	Screw-HH	22:1	3218-2	2	Nut-Hex Jam
7	120-3525-0P	1	Bracket-Mount, Air Cleaner	23	121-3527-0P	1	Bracket-Muffler
8	2412-92	4	Clamp-Hose	24	120-3504	1	Tube-Inlet, Water
9	93-2190	1	Air Cleaner ASM	25	120-3537	1	Hose-Radiator, Union
10	125-9095	4	Nut	26	2412-34	2	Clamp-Hose
12	93-2191	1	Air Cleaner Mounting Band ASM	27	121-3511	1	Sensor-O2 F/W
12:2	94-3653	1	Bolt	28	120-3369	1	Tube-Exhaust
12:3	94-3654	1	Spring	29	33014-00	2	Nut-Hex
12:4	48-9510	1	*obs* Nut	30	121-3545	1	Cover-Muffler
13	120-3547	1	Muffler	31	121-3546	1	Cover-Flange, Muffler
14	120-3385-0P	1	Bracket-Muffler	32	98-9350	6	Bolt
15	125-4635-03	1	Guard-Exhaust	33	100-1781	6	Washer-Plain
16	32144-4	4	Screw-HWH	34	68-9400	4	Nut-Flange

Air Cleaner Assembly No. 93-2190

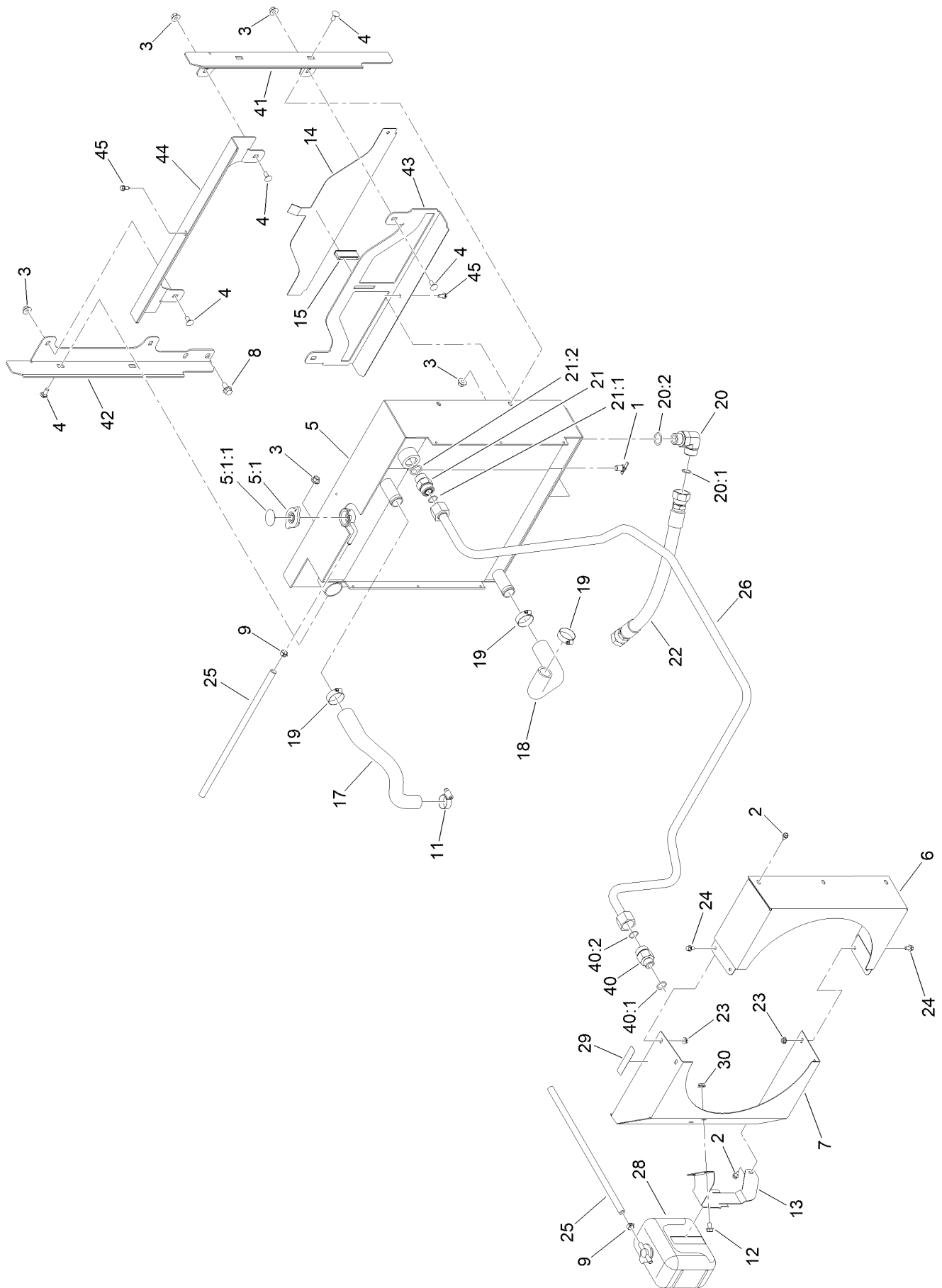


Air Cleaner Assembly No. 93-2190 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3811	1	Filter-Air V-Twin HD
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe

Radiator and Oil Cooler Assembly

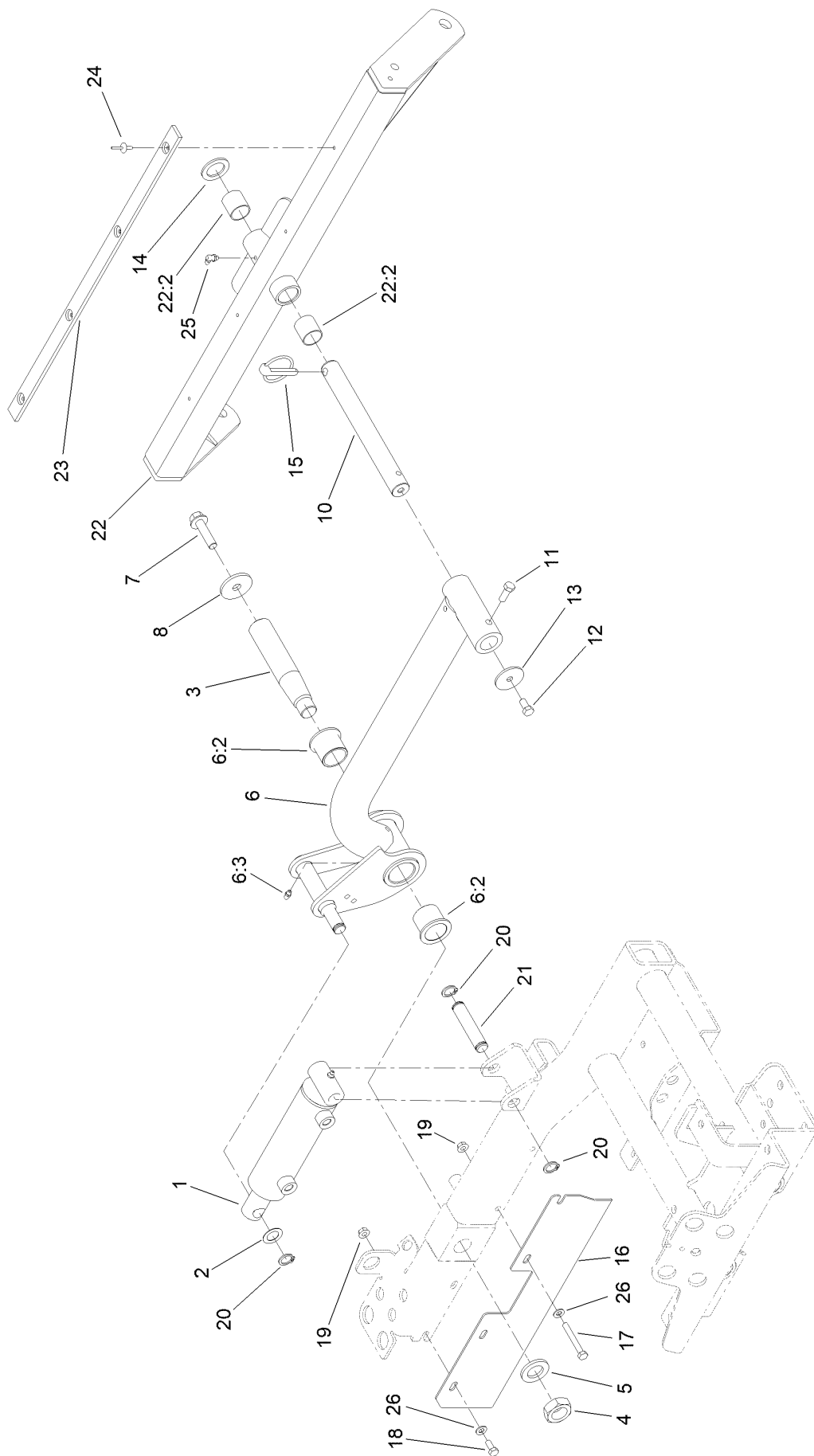


Radiator and Oil Cooler Assembly (continued)

<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	304-46	1	Draincock	20:1	237-58	1	O-Ring ●
2	32104-116	6	Screw-HWHTF	20:2	237-81	1	O-Ring ●
3	32128-44	8	Nut	21	340-9	1	Fitting-STR
4	3230-1	8	Bolt-CARR	21:1	237-58	1	O-Ring
5	119-2028	1	Radiator And Oil Cooler ASM	21:2	237-81	1	O-Ring
5:1	115-7766	1	Cap-Radiator	22	92-7536	1	Hose-HYD
5:1:1	106-6755	1	Decal-Cap, Radiator	23	32128-33	4	Nut-HF
6	120-3517-0P	1	Shroud-Fan, LH	24	3234-13	4	Screw-HHF
7	120-3516-0P	1	Shroud-Fan, RH	25	109-0274	1	Hose-Fuel
8	3234-1	4	Screw-HHF	26	121-3609	1	Tube-HYD
9	92-2379	2	Clamp-Hose	28	104-9318	1	Bottle-Overflow
11	2412-129	1	Clamp-Hose	29	93-6681	1	Decal-Warning, Fan
12	3234-30	2	Screw-HHF	30	32128-20	2	Nut-HF
13	120-3548-0P	1	Bracket-Mount, Overflow	40	340-66	1	Fitting-Straight
14	95-8702-0P	1	Shield-Radiator, Lower	40:1	237-80	1	O-Ring
15	99-3497	1	Magnet	40:2	237-58	1	O-Ring
17	120-3506	1	Hose-Radiator, Upper	41	120-3531-0P	1	Bracket-Radiator, LH
18	120-3399	1	Hose-Radiator, Lower	42	120-3532-0P	1	Bracket-Radiator, RH
19	2412-34	3	Clamp-Hose	43	120-3530-0P	1	Bracket-Radiator, Bottom
20	340-142	1	Fitting-Elbow, 90 DEG	44	120-3529-0P	1	Bracket-Radiator, Top
				45	32144-10	2	Screw-HWH

● Not illustrated

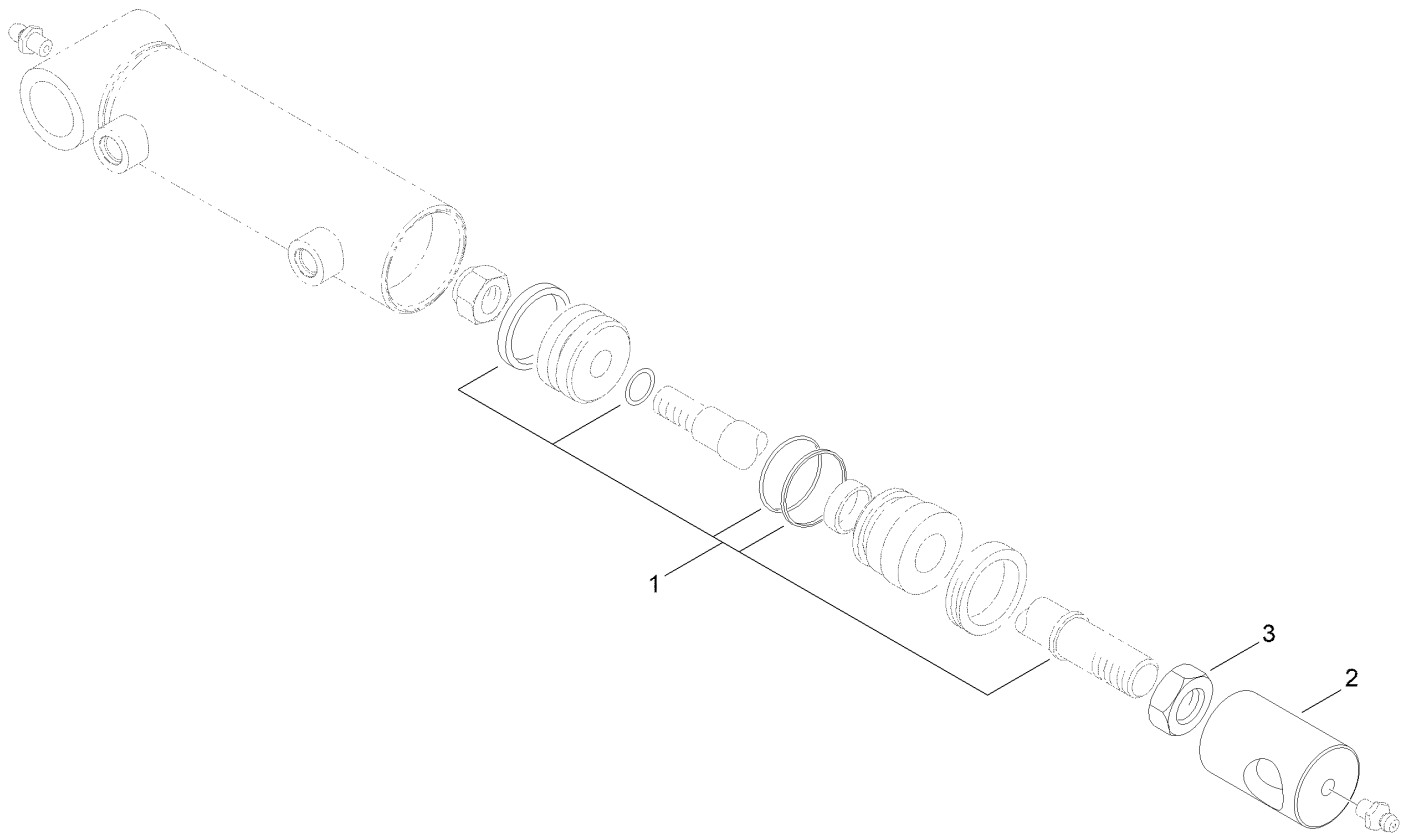
Rear Lift Arm and Carrier Frame Assembly



Rear Lift Arm 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	112-9916	1	HYD Cylinder ASM	14	3-6781	1	Washer-Flat
2	3-6498	1	Washer-Thrust	15	283-71	1	Pin-Lynch
3	95-8990	1	Shaft-Pivot, Rear	16	121-3616-03	1	Guard
4	3220-9	1	Nut-Jam	17	322-12	2	Screw-HH
5	86-1480	1	Washer	18	322-3	2	Screw-HH
6	136-3415	1	Rear Liftarm ASM	19	32128-20	4	Nut-HF
6:2	69-6470	2	Bushing-Caster	20	32120-93	3	Ring-Retaining
6:3	302-5	1	Fitting-Grease	21	95-8575	1	Pin-Clevis
7	3234-27	1	Screw-HHF	22	104-4229	1	Rear Carrier Frame ASM
8	75-7730	1	Washer-Thrust	22:2	108-4000	2	Bushing
10	100-4944	1	Shaft-Pivot, Cutting Unit	23	95-8936	1	Strip-Wear
11	323-6	1	Screw-HH	24	3269-18	4	Rivet-Blind
12	323-4	1	Screw-HH	25	302-60	1	Fitting-Grease
13	63-7400	1	Washer-Rebound	26	3256-23	4	Washer-Plain

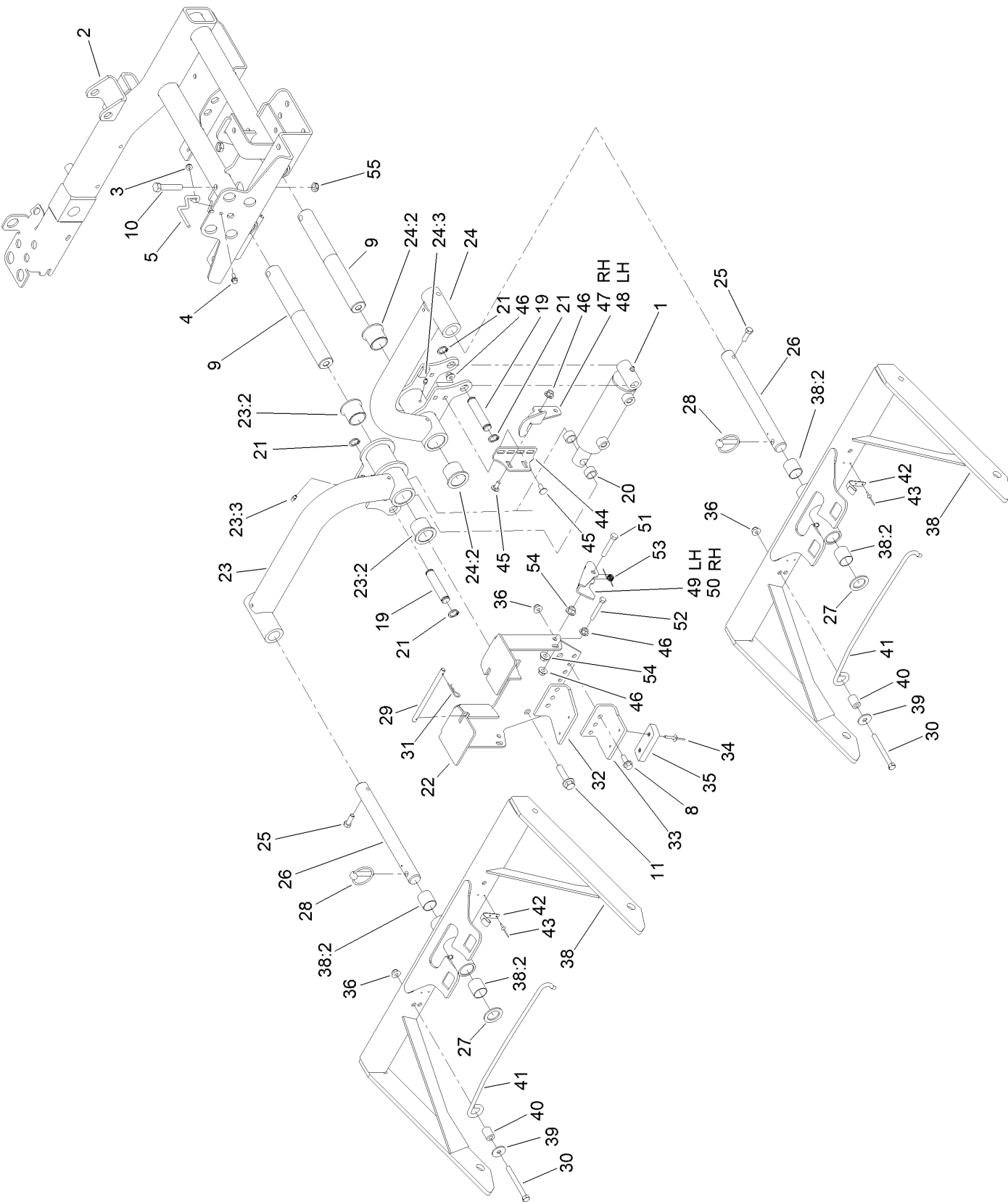
Hydraulic Cylinder Assembly No. 112-9916



Hydraulic Cylinder Assembly No. 112-9916 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-3410	1	Seal Kit
2	108-9035	1	Clevis
3	3220-7	1	Nut-Jam

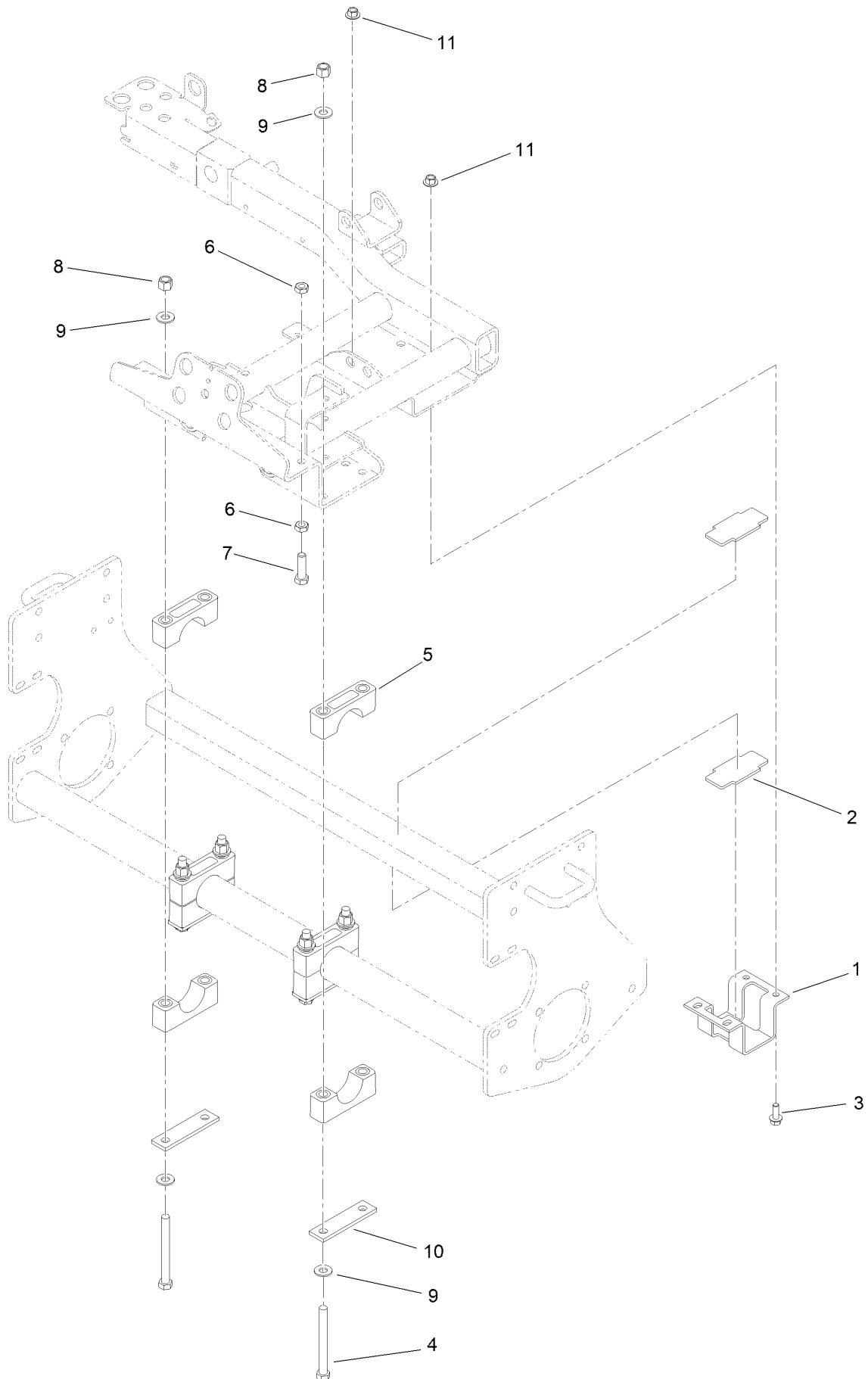
Sidewinder Carrier Assembly



Sidewinder Carrier 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	112-9916	1	HYD Cylinder ASM	31	3290-467	2	Pin-Hair
2	100-4939-03	1	Carrier-Sidewinder	32	110-8793-03	1	Stop-Deck, RH
3	32128-33	1	Nut-HF	33	110-8794-03	1	Stop-Deck, LH
4	3234-4	1	Screw-HHF	34	3269-11	4	Rivet-Pop
5	99-3433	1	Wire-Center	35	86-5350	2	Bumper-Rubber
8	3234-11	4	Screw-HHF	36	104-8301	6	Nut-HF, NI
9	95-8531	2	Shaft-Pivot, Liftarm	38	110-8787	2	Front Carrier Frame ASM
10	325-10	2	Screw-HH	38:2	108-4000	2	Bushing
11	3234-27	2	Screw-HHF	39	93-8806	2	Washer-Hardened
19	95-8575	2	Pin-Clevis	40	104-4613	2	Tube-Latch
20	75-9590	2	Spacer-Cylinder	41	104-4612	2	Rod-Latch
21	32120-93	4	Ring-Retaining	42	104-4237	2	Clip-Rod
22	104-4820-03	1	Bracket-Stop, Carrier	43	3290-271	4	Rivet-Pop
23	136-3419	1	RH Liftarm ASM	44	104-4828-03	2	Bracket-Actuator
23:2	69-6470	2	Bushing-Caster	45	3230-23	8	Bolt-CARR
23:3	302-5	1	Fitting-Grease	46	32128-44	12	Nut
24	136-3417	1	LH Liftarm ASM	47	104-4826-03	1	Actuator-RH
24:2	69-6470	2	Bushing-Caster	48	104-4827-03	1	Actuator-LH
24:3	302-5	1	Fitting-Grease	49	104-4819-03	1	Bracket-Pivot, LH
25	323-6	2	Screw-HH	50	104-4825-03	1	Bracket-Pivot, RH
26	105-7560	2	Shaft-Cu Pivot	51	323-12	2	Screw-HH
27	3-6781	2	Washer-Flat	52	322-12	2	Screw-HH
28	283-71	2	Pin-Lynch	53	104-4821	2	Spring-Torsion
29	104-0472	1	Rod	54	32128-43	4	Nut-Flange
30	323-42	2	Screw-HH	55	3296-45	2	Nut-Hex

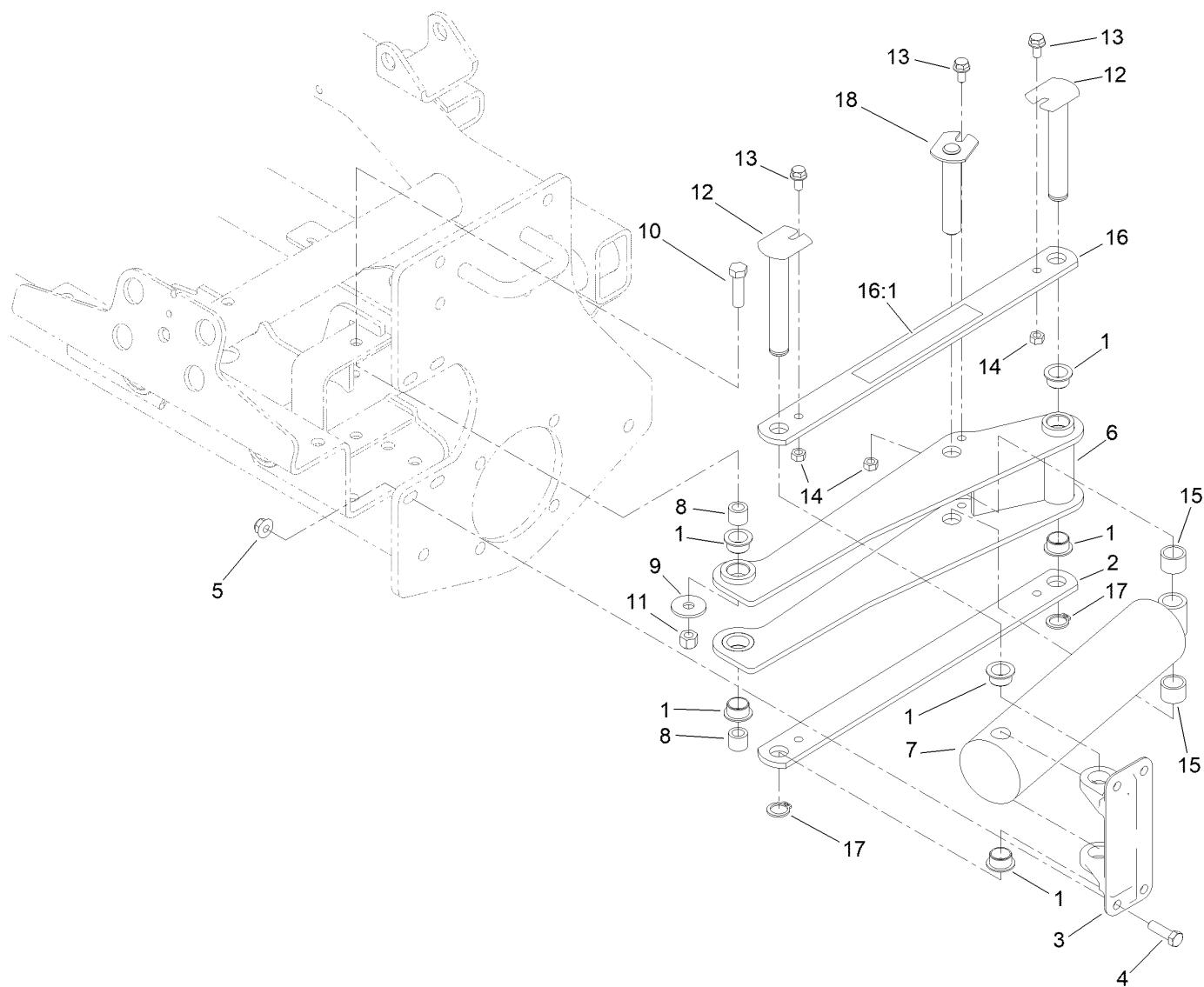
Carrier Support Assembly



Carrier Support 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	104-0416-0P	1	Bracket-Slide	7	325-7	2	Screw-HH
2	104-0417	2	Slide-Plastic	8	3296-23	8	Nut-Lock, NI
3	3234-11	4	Screw-HHF	9	87-7270	16	Washer-Thrust
4	325-19	8	Screw-HH	10	99-3373	4	Bar-Support, Slide
5	104-4865	8	Cap-Bearing	11	32128-43	4	Nut-Flange
6	3218-5	4	Nut-Jam				

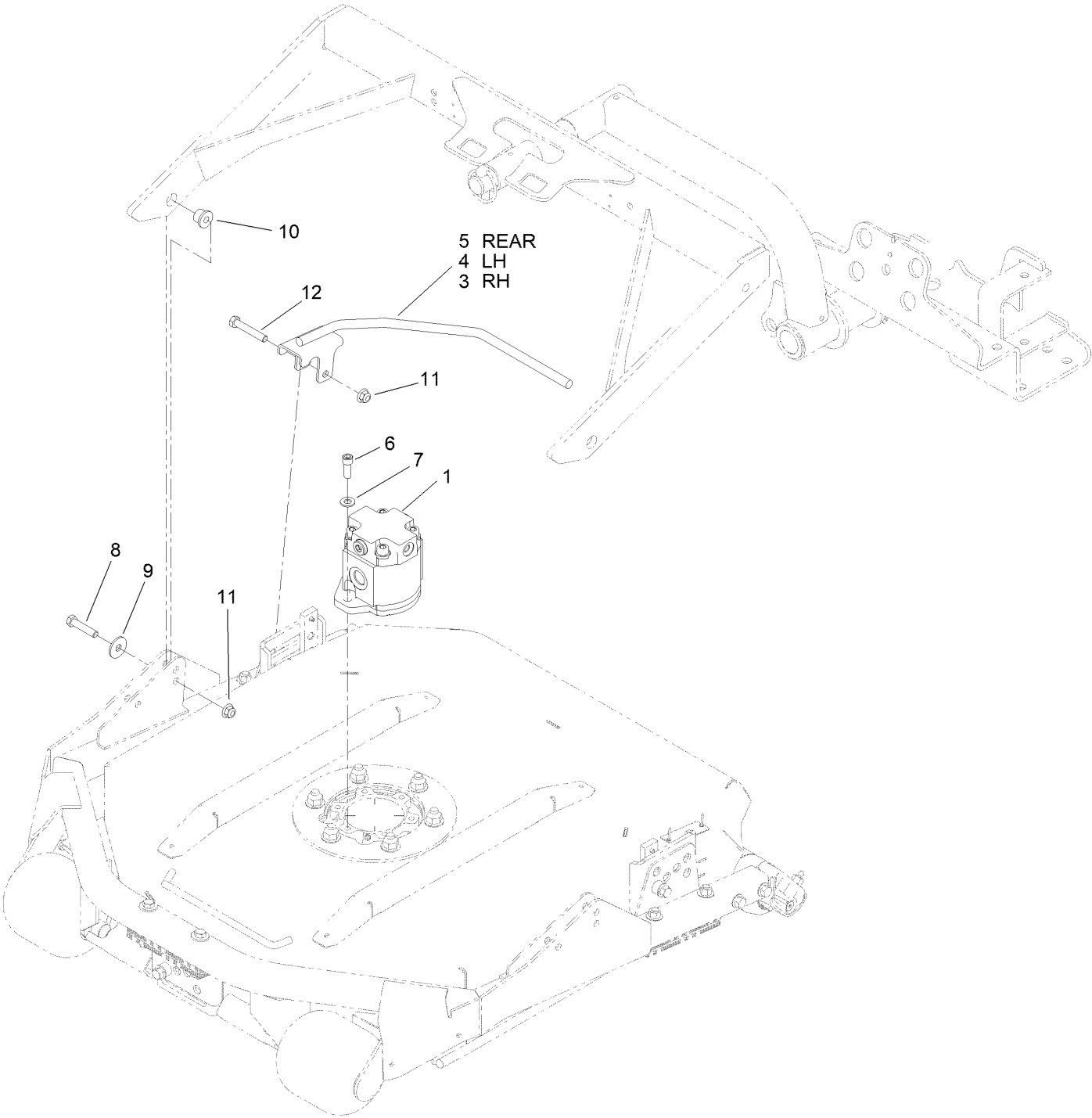
Scissor Frame and Link Assembly



Scissor Frame and Link 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	95-8526	6	Bushing-Plastic	11	3296-48	2	Nut-Hex
2	95-8527-0P	1	Link-Scissor	12	125-1914	2	Pin-Pivot
3	95-8883	1	Mount-Scissor	13	3234-14	3	Screw-HHF
4	323-7	4	Screw-HH	14	32152-1	3	Nut-Lock, Cone
5	104-8301	4	Nut-HF, NI	15	46-6350	2	Spacer
6	95-8521-03	1	Frame-Scissor	16	99-3505	1	Scissors Link ASM
7	121-3654	1	Cylinder-HYD	16:1	94-3353	1	Decal-Pinch Point, Intl
8	95-8603	2	Spacer	17	32120-93	2	Ring-Retaining
9	87-5330	2	Washer	18	140-5248	1	Pin-Ram, Pivot
10	324-6	2	Screw-HH				

Hydraulic Motor and Cutting Unit Assembly

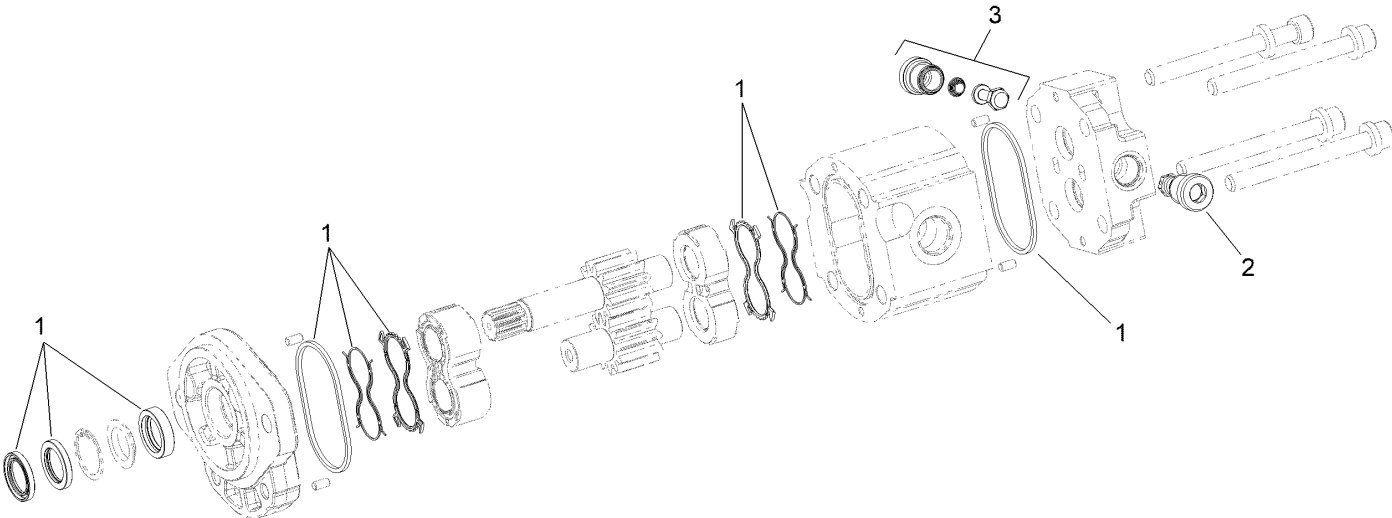


Hydraulic Motor and Cutting Unit Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-5141	3	HYD Motor ASM
3	112-9901-03	1	Guard-Foot, RH
4	112-9902-03	1	Guard-Foot, LH
5	112-9900-03	1	Guard-Foot
6	3274-7	6	Screw-HSH
7	3256-24	6	Washer-Plain

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	323-52	6	Screw-HH
9	93-8806	6	Washer-Hardened
10	95-8803	6	Bushing-Flange
11	104-8301	10	Nut-HF, NI
12	323-11	4	Screw-HH

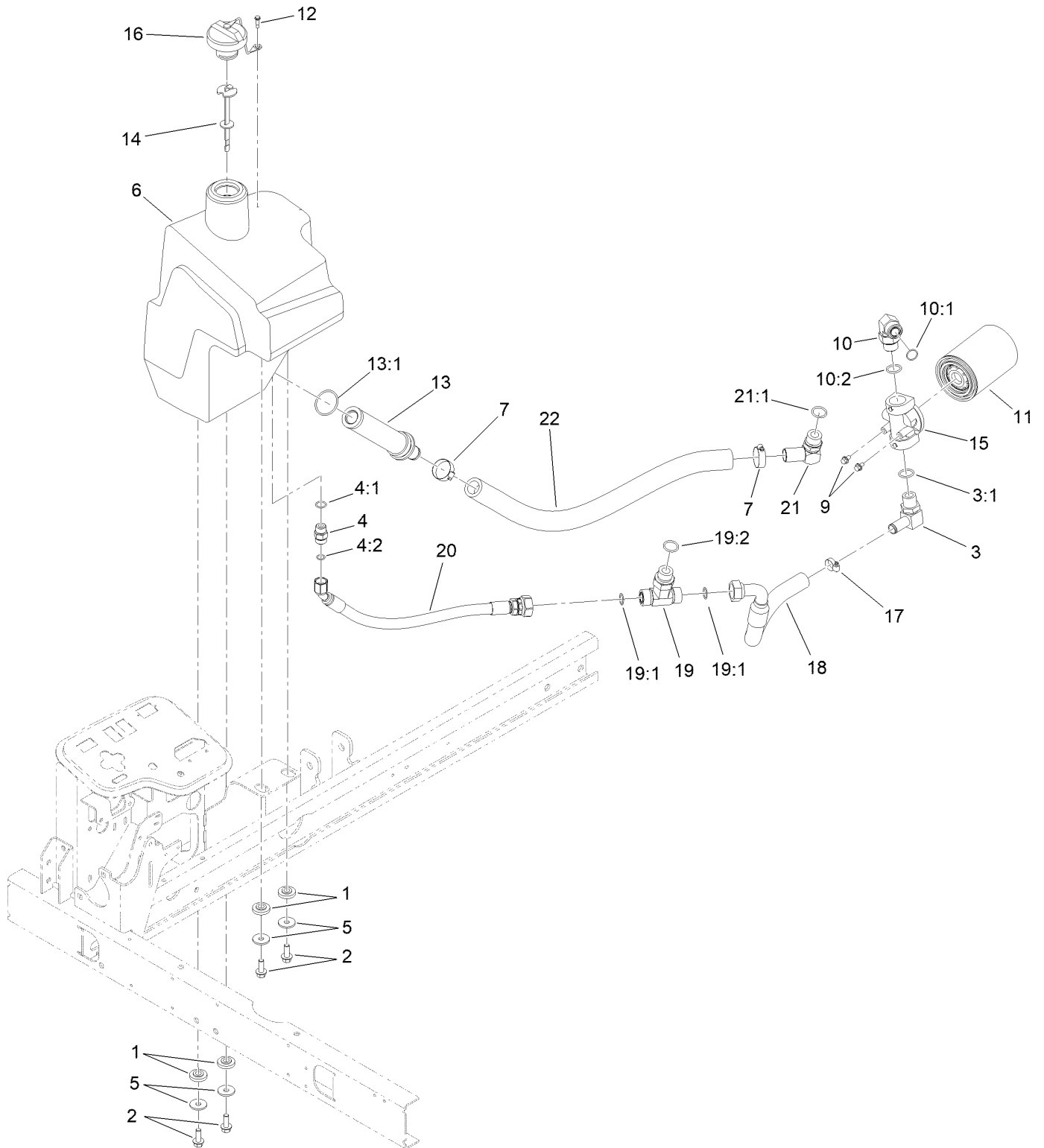
Gear Motor Assembly No. 117-5141



Gear Motor Assembly No. 117-5141 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-0235	1	Seal Kit
2	107-7820	1	Valve-Relief
3	107-7821	1	Valve-Anticavitation

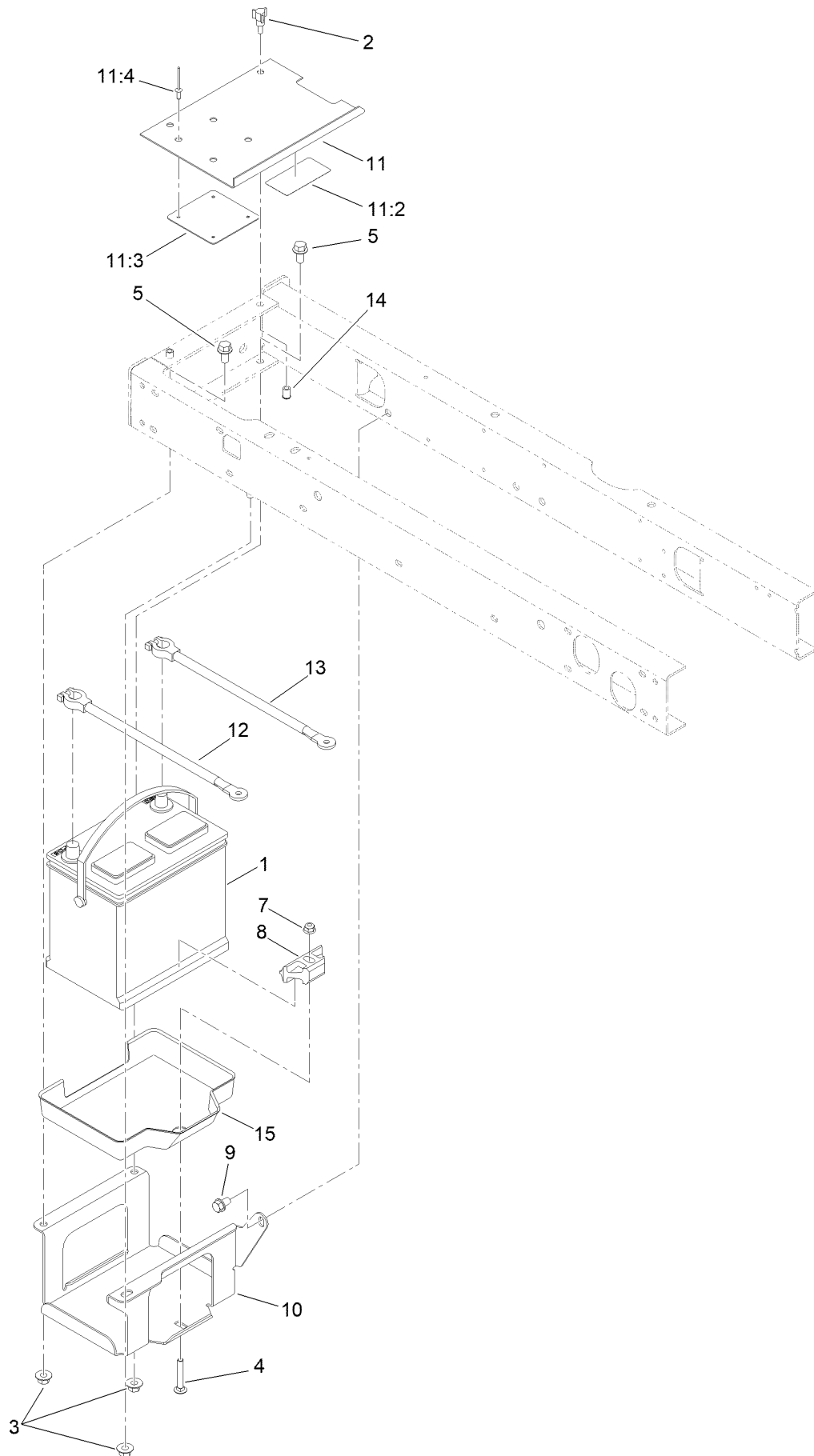
Hydraulic Tank Assembly



Hydraulic Tank 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	240-11	4	Bushing-Flange	12	57-5420	1	Screw-Shoulder
2	3234-11	4	Screw-HHF	13	104-7546	1	Tank Strainer ASM
3	353-987	1	Fitting-Elbow, 90	13:1	340-136	1	O-Ring
3:1	237-81	1	O-Ring	14	119-6968	1	Dipstick-Oil
4	100-4890	1	Fitting-Check	15	92-5821	1	Head-Filter
4:1	237-79	1	O-Ring	16	93-7160	1	Cap-Oil, HYD
4:2	237-30	1	O-Ring	17	2412-36	1	Clamp-Hose
5	63-8410	4	Washer	18	104-0486	1	Hose-HYD
6	104-4840	1	Tank-HYD	19	104-4836	1	Fitting-Tee
7	2412-34	2	Clamp-Hose	19:1	237-58	2	O-Ring
9	3234-13	2	Screw-HHF	19:2	237-81	1	O-Ring
10	340-142	1	Fitting-Elbow, 90 DEG	20	120-3541	1	Hose-HYD
10:1	237-58	1	O-Ring	21	95-3502	1	Fitting-Elbow 90
10:2	237-81	1	O-Ring	21:1	237-81	1	O-Ring
11	86-3010	1	Filter-Oil	22	117-3200	1	Hose-Suction

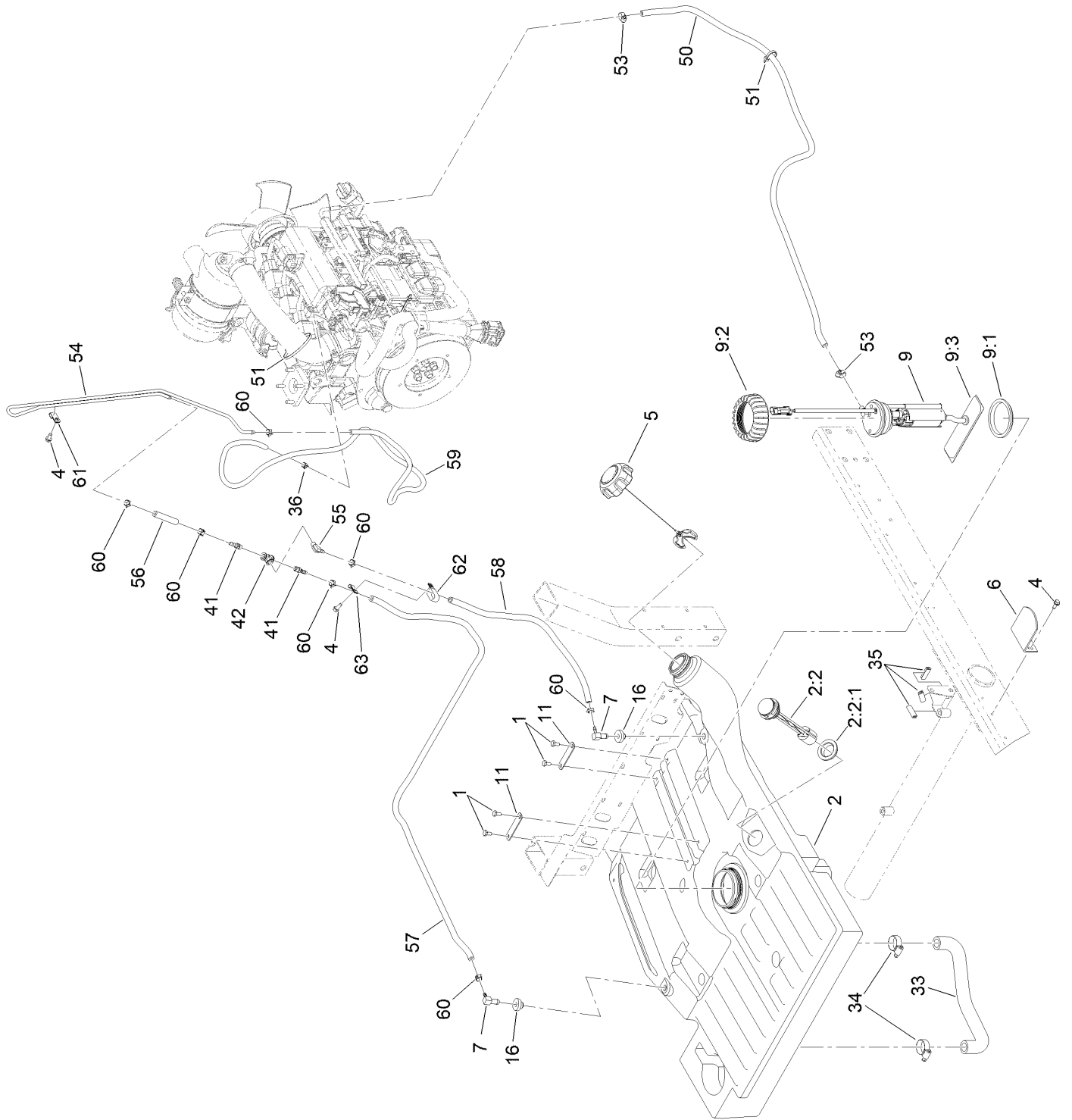
Battery Assembly



Battery 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	104-0496	1	Battery- Wet, 12V, 540 CCA	11	99-3602	1	Battery Cover ASM
2	233-70	2	Knob-Star, Three	11:2	93-7276	1	Decal-Danger
3	32128-43	3	Nut-Flange	11:3	87-7620	1	Shield-Terminal, Battery
4	3230-6	1	Bolt-CARR	11:4	3269-27	4	Rivet-Snap
5	3234-1	3	Screw-HHF	12	95-8853	1	Cable-Battery, Positive
7	104-8300	1	Nut-HF, NI	13	95-8854	1	Cable-Battery, Negative
8	138-6335	1	Retainer-Battery	14	32148-6	2	Nut-Clinch
9	32144-15	1	Screw-HHFTF	15	99-3513	1	Tray-Battery
10	95-8796-03	1	Support-Battery				

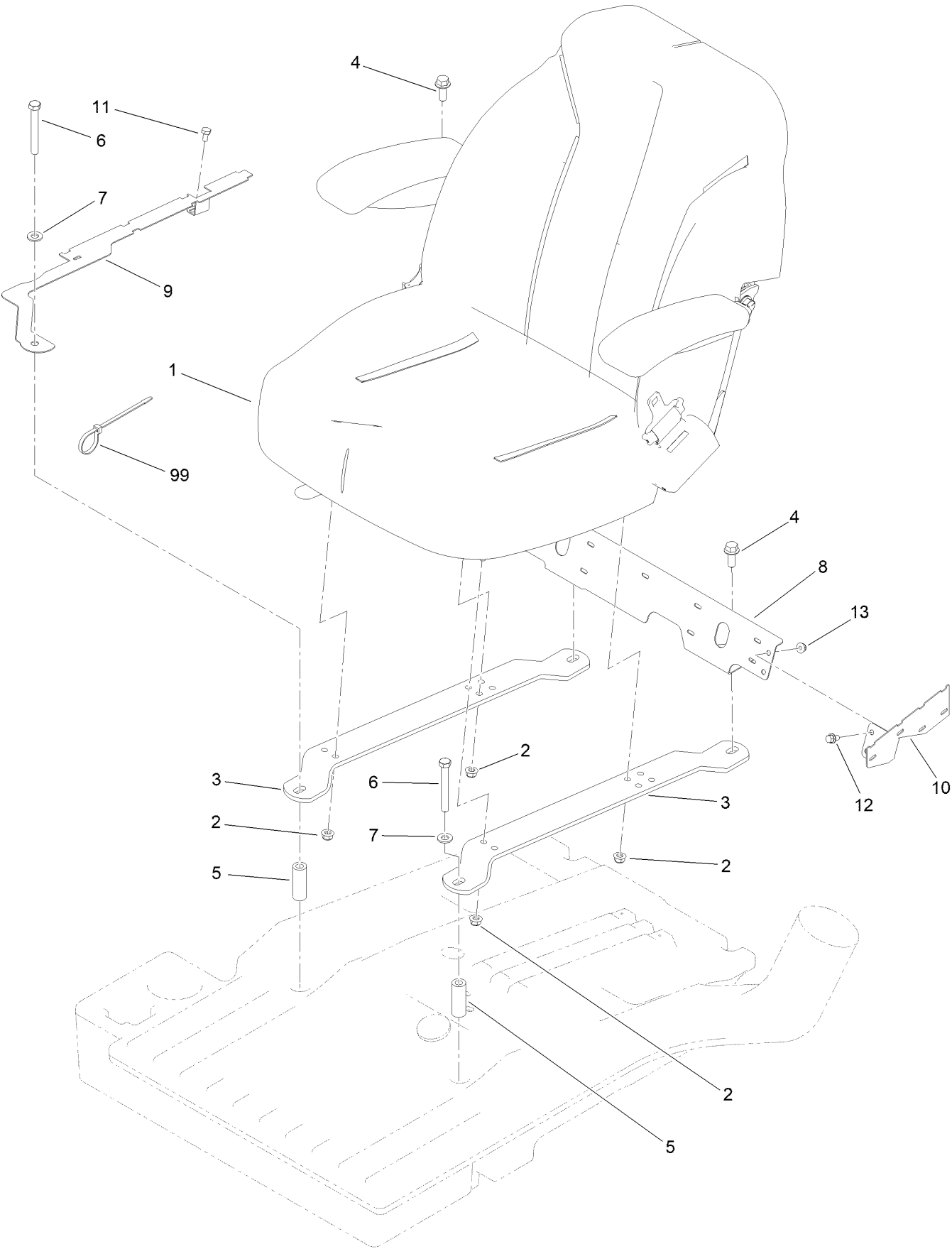
Fuel System Assembly



Fuel 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	321-2	4	Screw-HH	36	2412-80	1	Clamp-Hose
2	121-3564	1	Fuel Tank ASM	41	304-73	2	Fitting-Straight
2:2	120-3535	1	Fuel Gauge ASM	42	354-20	1	Fitting-Tee
2:2:1	119-0508	1	Seal	50	109-0290	1	Hose-Fuel
4	32144-10	4	Screw-HWH	51	3290-379	14	Tie-Cable
5	137-4127	1	Cap-Fuel	53	2412-108	2	Clamp-Worm
6	95-8968-03	1	Support-Tank, Fuel	54	121-3515	1	Tube-Vent, Fuel
7	104-5228	2	Fitting-Elbow, 90 DEG	55	116-1153	1	Elbow-90 DEG, Barbed
9	121-3502	1	Fuel Pump ASM	56	114-3765	1	Hose-Fuel
9:1	115-2163	1	Gasket-Pump, Fuel	57	121-3648	1	Hose-Fuel
9:2	115-2162	1	Cap-Pump, Fuel	58	109-0298	1	Line-Fuel
9:3	121-3625	1	Filter-Pump, Fuel	59	119-6073	1	Hose-Fuel
11	121-3514	2	Strap-Line, Fuel	60	2412-98	7	Clamp-Hose
16	46-6560	2	Bushing	61	121-3516	1	Clamp-R
33	105-4094	1	Hose-Formed	62	119-8153	1	Clamp-R, Double Tube
34	2412-129	2	Clamp-Hose	63	2412-72	1	Clip-Closed, Insulated
35	110-8754	3	Trim				

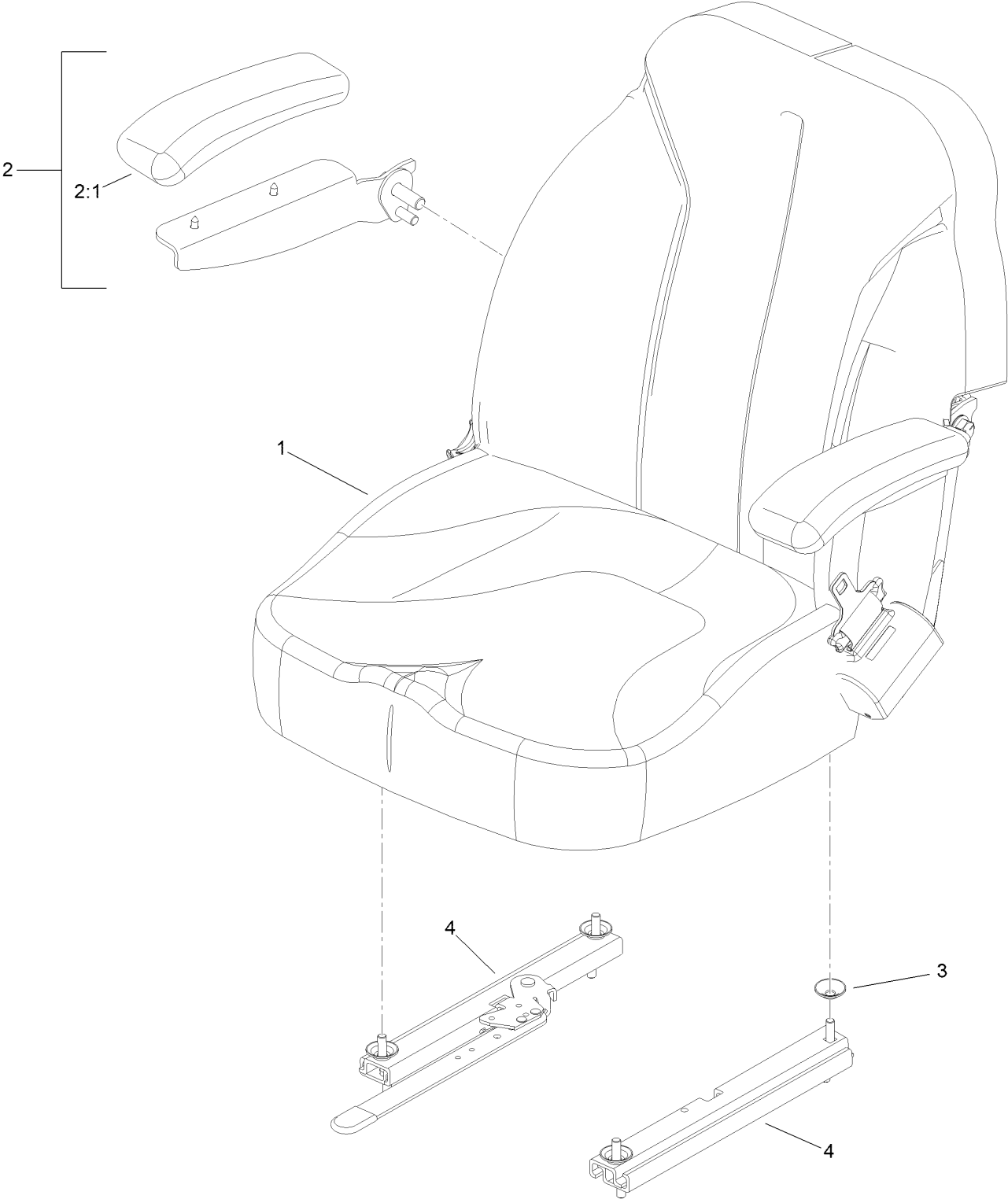
Seat Assembly



Seat 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	139-2679	1	Seat And Track ASM	8	121-3644-03	1	Shield-Heat
2	104-8300	4	Nut-HF, NI	9	121-3646-03	1	Bracket-Line, Fuel
3	121-3655-03	2	Strap-Support, Seat	10	121-3645-03	1	Bracket-Line, Fuel
4	3234-11	2	Screw-HHF	11	321-2	1	Screw-HH
5	104-0466	2	Spacer	12	3234-13	2	Screw-HHF
6	323-14	2	Screw-HH	13	104-7201	2	Nut-HF, NI
7	3256-24	2	Washer-Plain	99	3290-378	1	Tie-Cable

Seat and Track Assembly No. 139-2679

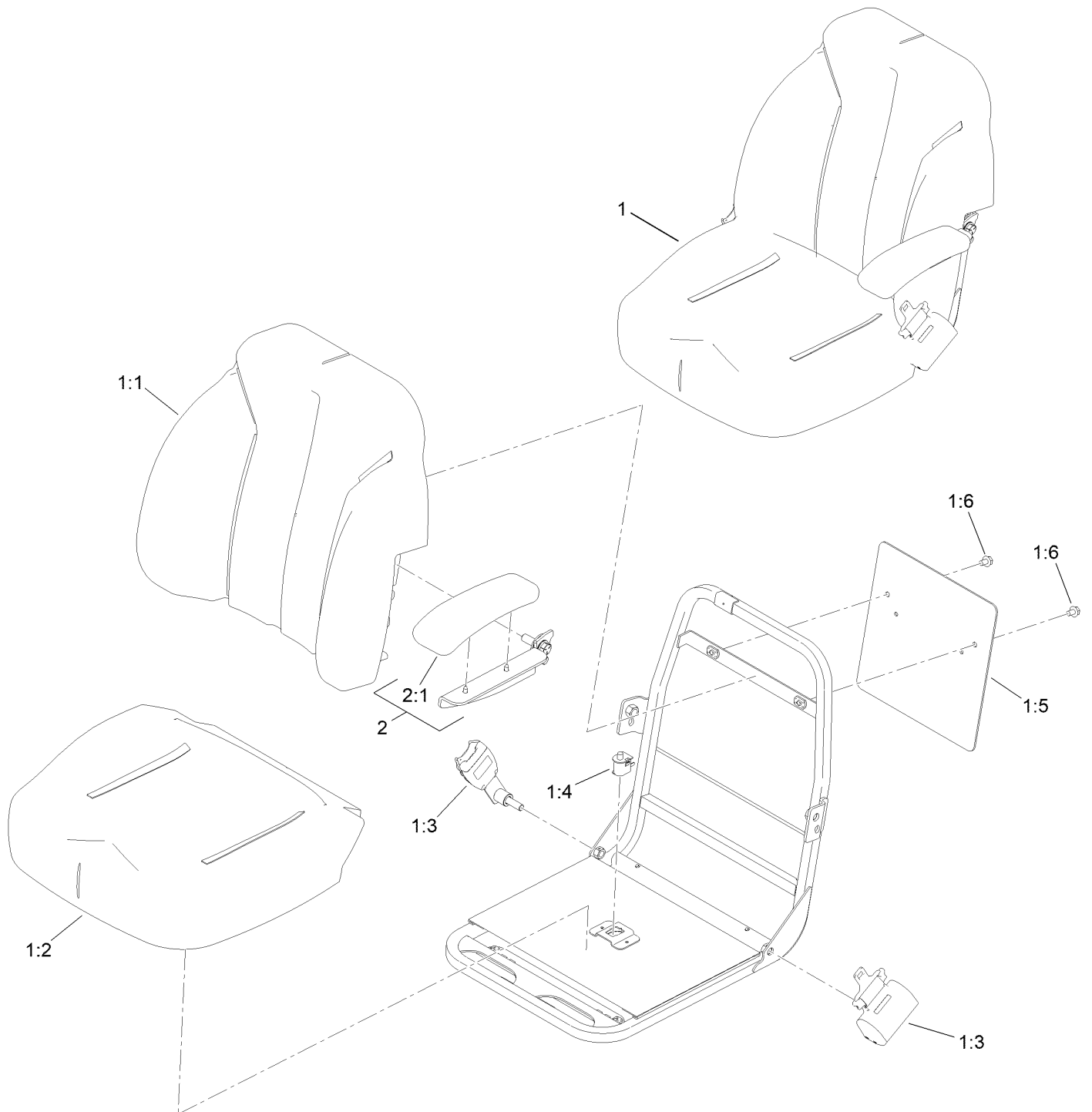


Seat and Track Assembly No. 139-2679 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-2700	1	Seat ASM
2	121-3658	1	RH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest, Arm

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	136-9002	4	Spacer-Mounting
4	126-2177	1	Track-Seat

Seat Assembly No. 139-2700

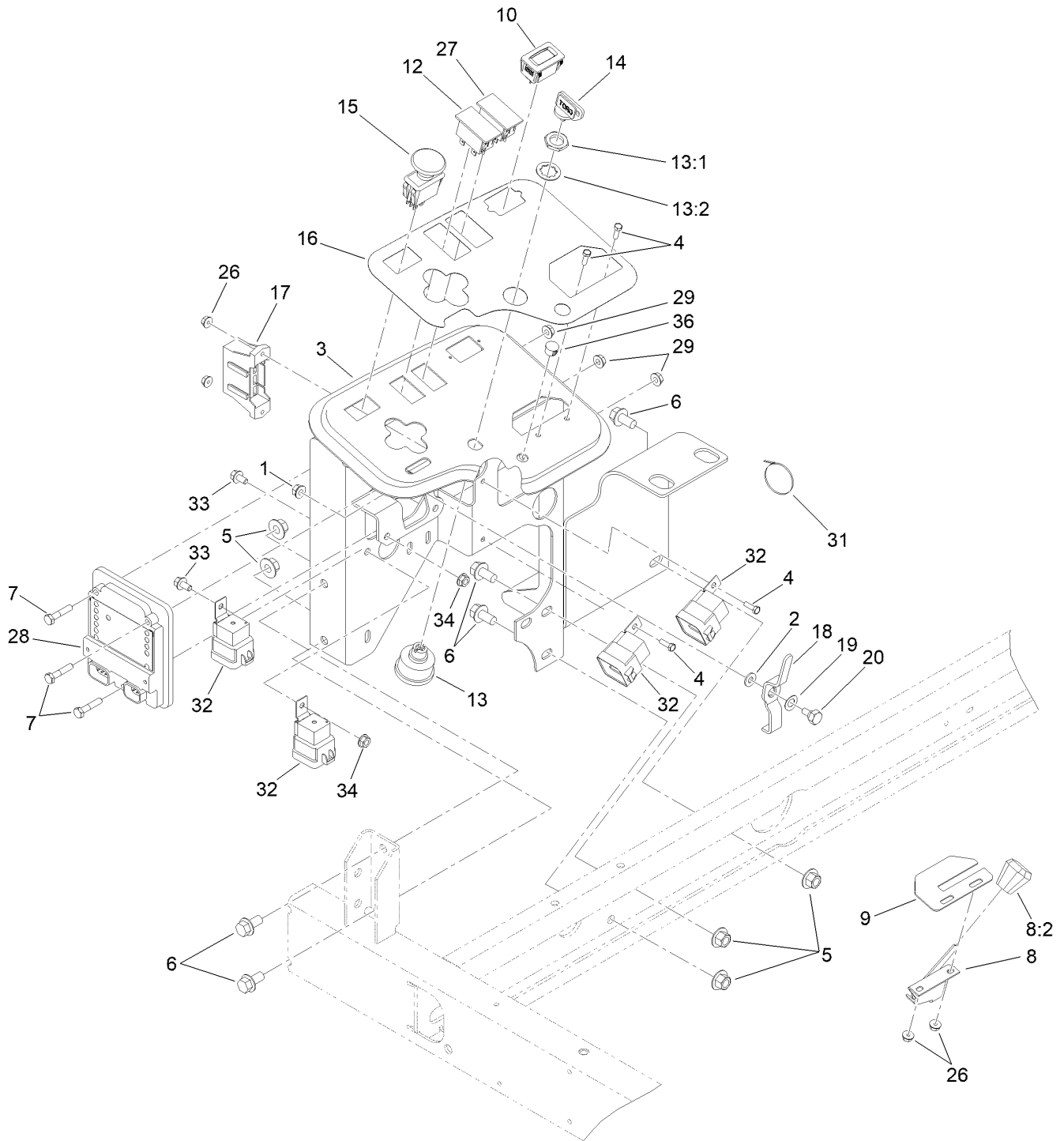


Seat Assembly No. 139-2700 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-2680	1	Seat ASM
1:1	145-0083	1	Cover-Seat, Back
1:2	145-0084	1	Cover-Seat, Bottom
1:3	139-2707	1	Seat Belt Kit
1:4	82-2190	1	Switch-Bail

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5	139-2701	1	Plate-Decal
1:6	3234-30	2	Screw-HHF
2	121-3660	1	LH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest, Arm

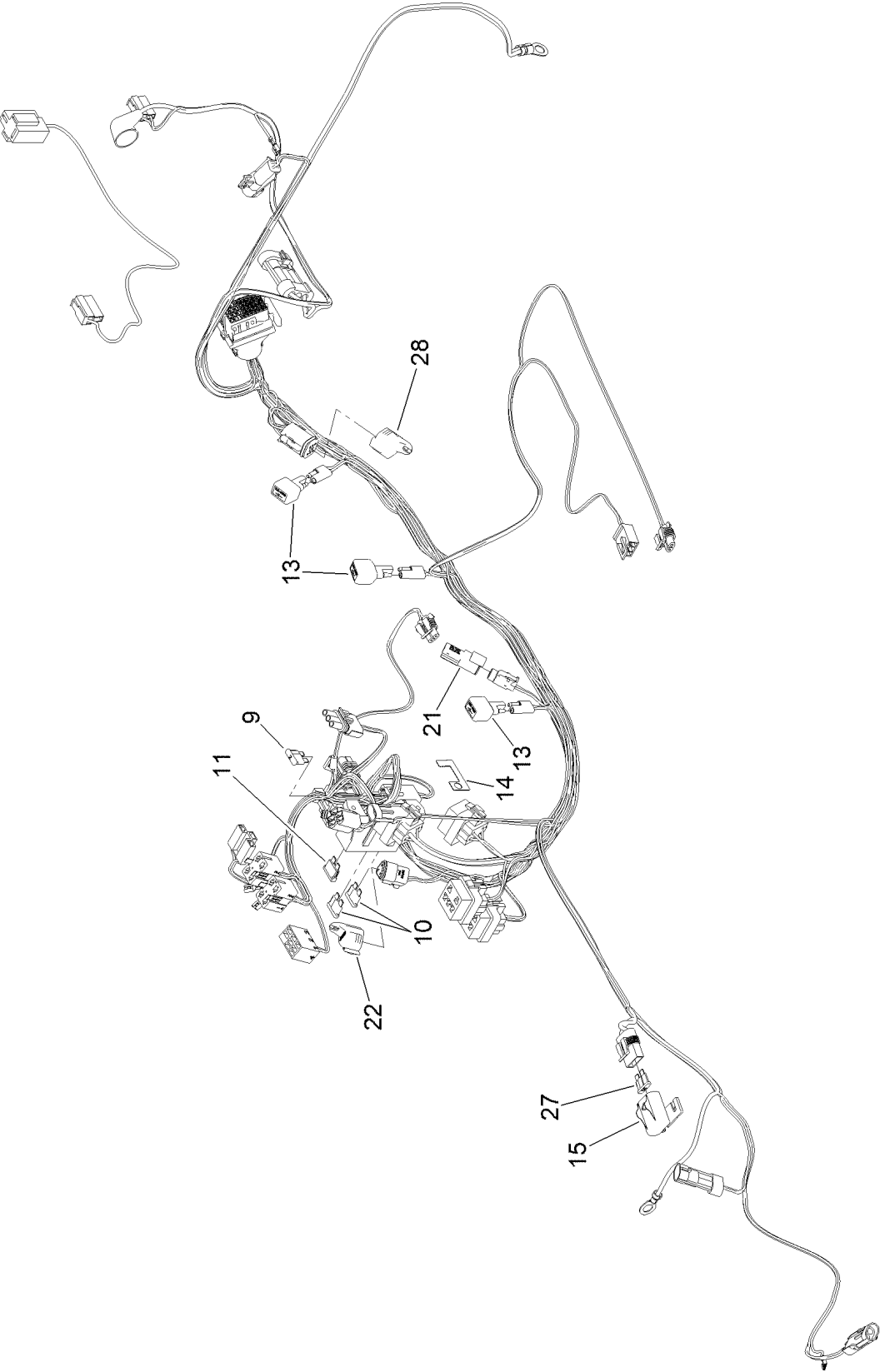
Control Panel Assembly



Control Panel 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	32128-32	1	Nut-HHF	15	93-9999	1	Switch-PTO
2	3256-22	1	Washer-Flat	16	136-3679	1	Decal-Console
3	136-3681-03	1	Panel-Control	17	122-1524	1	Harness-Wire
4	3290-134	4	Screw	18	99-3401	1	Lever-Lock
5	32128-43	5	Nut-Flange	19	3290-477	1	Washer-Curved
6	3234-1	5	Screw-HHF	20	63-3410	1	Screw-Shoulder
7	321-8	3	Screw-HH	26	3290-148	4	Nut-HF
8	122-0056	1	Throttle-Electronic	27	121-3508	1	Light Cluster
8:2	66-0120	1	Knob	28	106-9277	1	Module-Control, Standard
9	104-0421	1	Plate-Stop, Throttle	29	32128-33	3	Nut-HF
10	120-2244	1	Hourmeter	31	3290-379	1	Tie-Cable
12	100-8070	1	Lamp-Warning	32	99-7430	4	Relay-Mini
13	104-2541	1	Ignition Switch ASM	33	3234-13	2	Screw-HHF
13:1	218-461	1	Nut-HH	34	32128-33	2	Nut-HF
13:2	3254-5	1	Washer-Lock	36	2410-64	1	Plug-Button
14	63-8360	1	Key-Ignition				

Wire Harness Assembly No. 122-1524

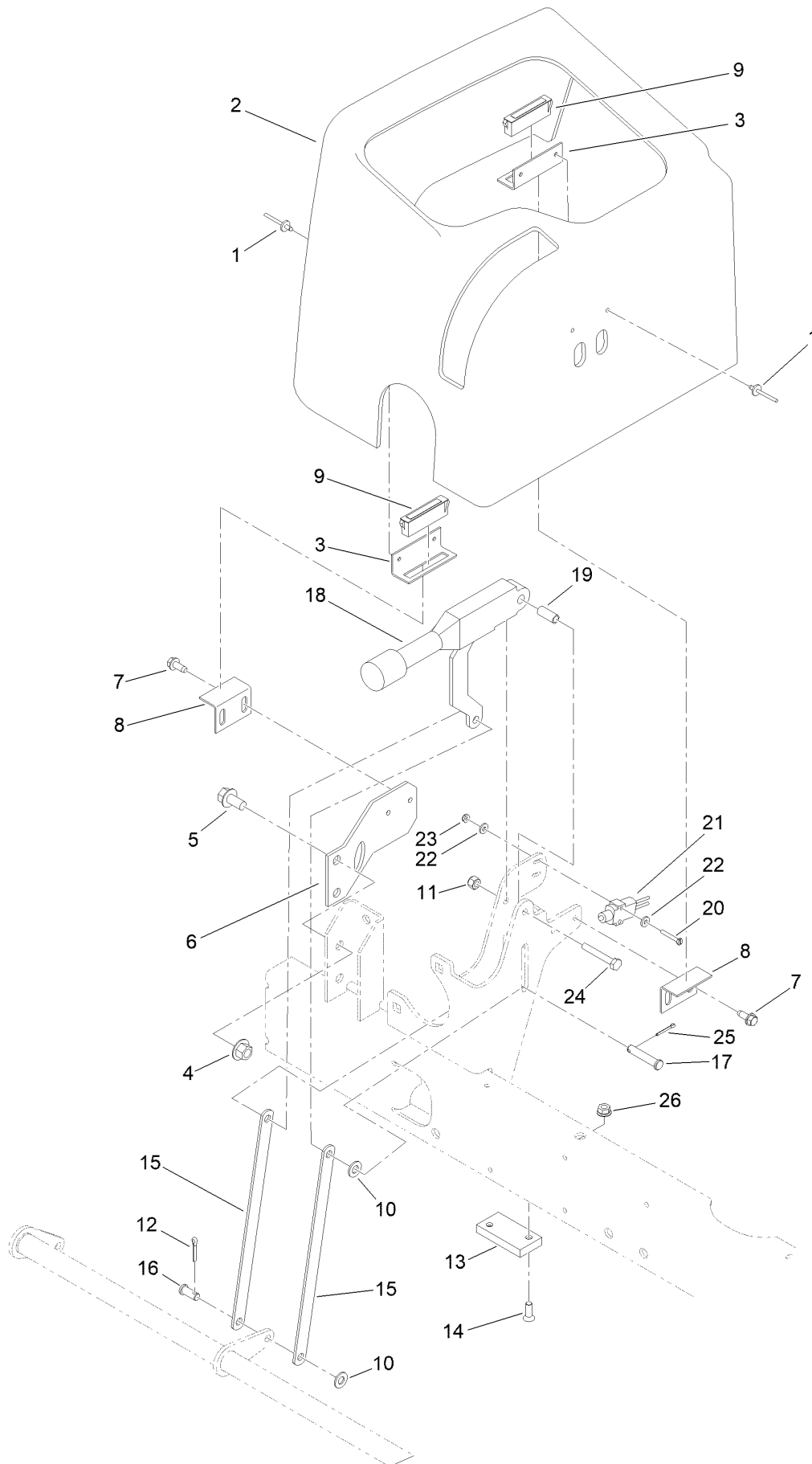


Wire Harness Assembly No. 122-1524 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	94-6710	1	Fuse-2 Amp
10	218-578	2	Fuse-Blade, 10 Amp
11	109355	1	Fuse-Blade, 15 Amp
13	100-4918	3	Diode
14	32180-020	1	Clip-Connector

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
15	32180-019	1	Cover-Fuse, Single
21	32180-282	1	Resistor-120 Ohm
22	32180-089	1	Cap-Plug, 3 Way
27	109103	1	Fuse-Blade, 30 Amp
28	32180-156	1	Cap-Plug, 6 Way

Parking Brake and Dash Cover Assembly



Parking Brake and Dash 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	3269-5	4	Rivet-Pop	14	3289-4	2	Screw-FH
2	95-8707	1	Cover-Dash	15	104-4628	2	Link-Brake, Parking
3	95-8763	2	Bracket-Hold Down, Cover	16	283-62	1	Pin-Clevis
4	32128-43	2	Nut-Flange	17	94-3829	1	Pin-Clevis
5	3234-1	2	Screw-HHF	18	104-4817	1	Lever-Brake
6	95-8764-0P	1	Support-Magnet	19	87-4710	1	Spacer-Brake, Parking
7	32144-10	4	Screw-HWH	20	32105-9	2	Screw-HH
8	95-8765	2	Bracket-Strike, Magnet	21	95-8900	1	Switch
9	58-4250	2	Catch-Magnetic	22	3256-21	4	Washer-Flat
10	3256-23	2	Washer-Plain	23	3296-9	2	Nut-Hex
11	3296-42	1	Nut-Lock, NI	24	321-10	1	Screw-HH
12	3272-10	1	Pin-Cotter	25	3272-6	1	Pin-Cotter
13	95-8684	1	Pad-Bumper	26	104-7201	2	Nut-HF, NI

This diagram illustrates the assembly of a mechanical component, likely a valve or actuator, onto a larger structure. The components are identified by the following numbers:

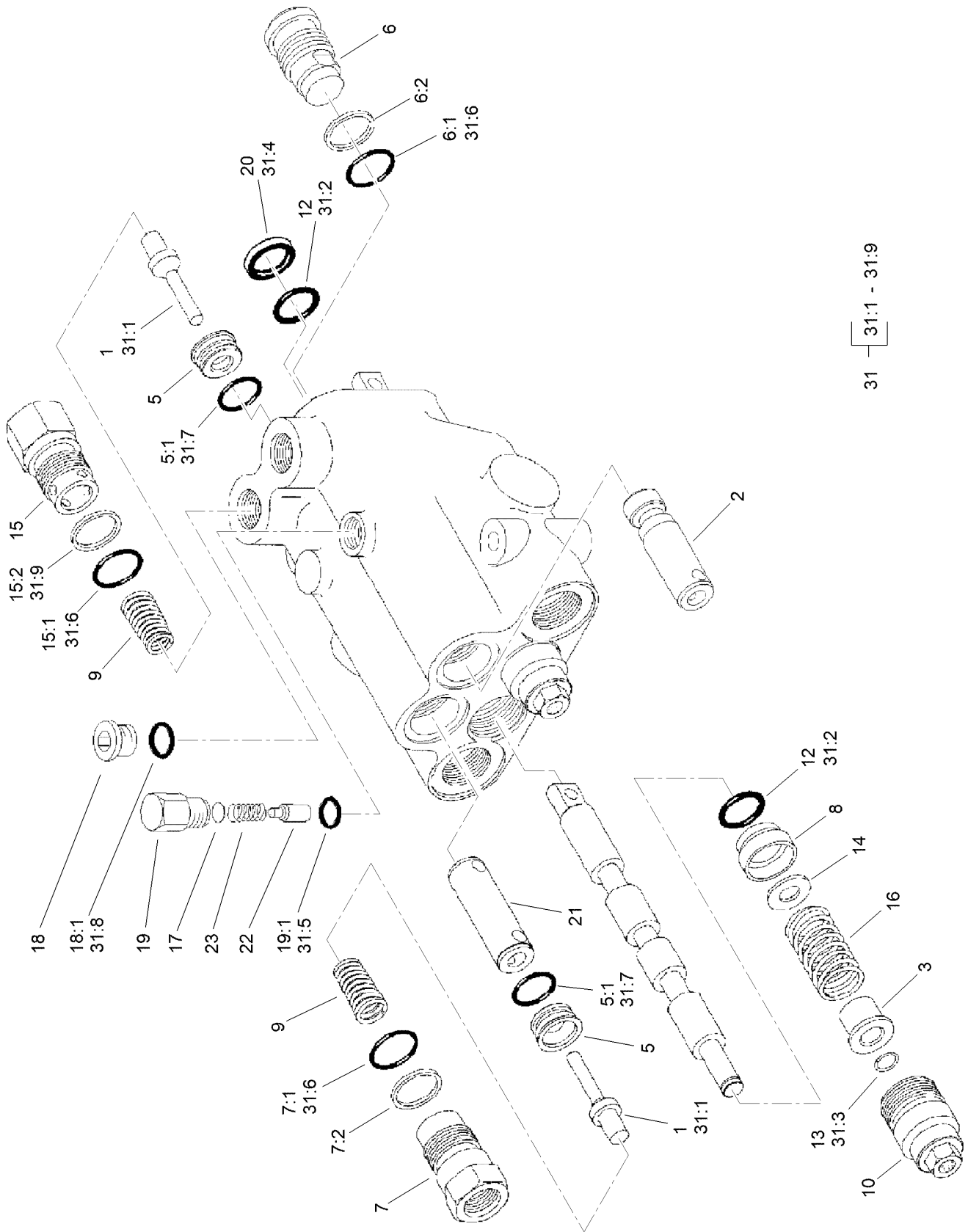
- 3**: A circular cap or plug at the top of a vertical pipe.
- 7**: A U-shaped bracket or clamp that encircles the vertical pipe.
- 8**: A small cylindrical component, possibly a pin or a small valve stem.
- 9**: A small hexagonal nut or washer.
- 13**: Two small circular components, likely O-rings or seals.
- 15**: Two small cylindrical components, possibly pins or small valves.
- 6**: A long, thin cylindrical rod or pin.
- 11**: A small cylindrical component, possibly a pin or a small valve stem.
- 12**: A small hexagonal nut or washer.
- 10**: A small cylindrical component, possibly a pin or a small valve stem.
- 17**: A rectangular block with two vertical ports, likely a valve or actuator body.
- 5**: A small cylindrical component, possibly a pin or a small valve stem.
- 14**: A long, thin cylindrical rod or pin.
- 16**: A small cylindrical component, possibly a pin or a small valve stem.
- 18**: A small cylindrical component, possibly a pin or a small valve stem.

The diagram shows the assembly of these components onto a larger structure, which appears to be a valve or actuator body. The components are shown in their relative positions, with dashed lines indicating the assembly path.

2-Spool Control 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	95-8581	1	2-Spool Control Valve ASM	10	95-8634	4	Link
2	32128-33	2	Nut-HF	11	283-16	3	Pin-Clevis
3	233-42	1	Knob	12	3272-1	3	Pin-Cotter
4	95-8633	1	Bracket-Valve, Actuator	13	32151-106	2	Ring-Retaining
5	42-3560	2	Bolt-Shoulder	14	3230-33	2	Screw-CARR
6	3272-6	1	Pin-Cotter	15	32128-32	3	Nut-HHF
7	95-8635	1	Lever-Valve	16	104-0430	2	Stud
8	95-8638	1	Trunnion-Valve, Actuator	17	121-3570	1	Manifold ASM
9	92-8916	1	Bolt-Shoulder	18	104-8300	2	Nut-HF, NI

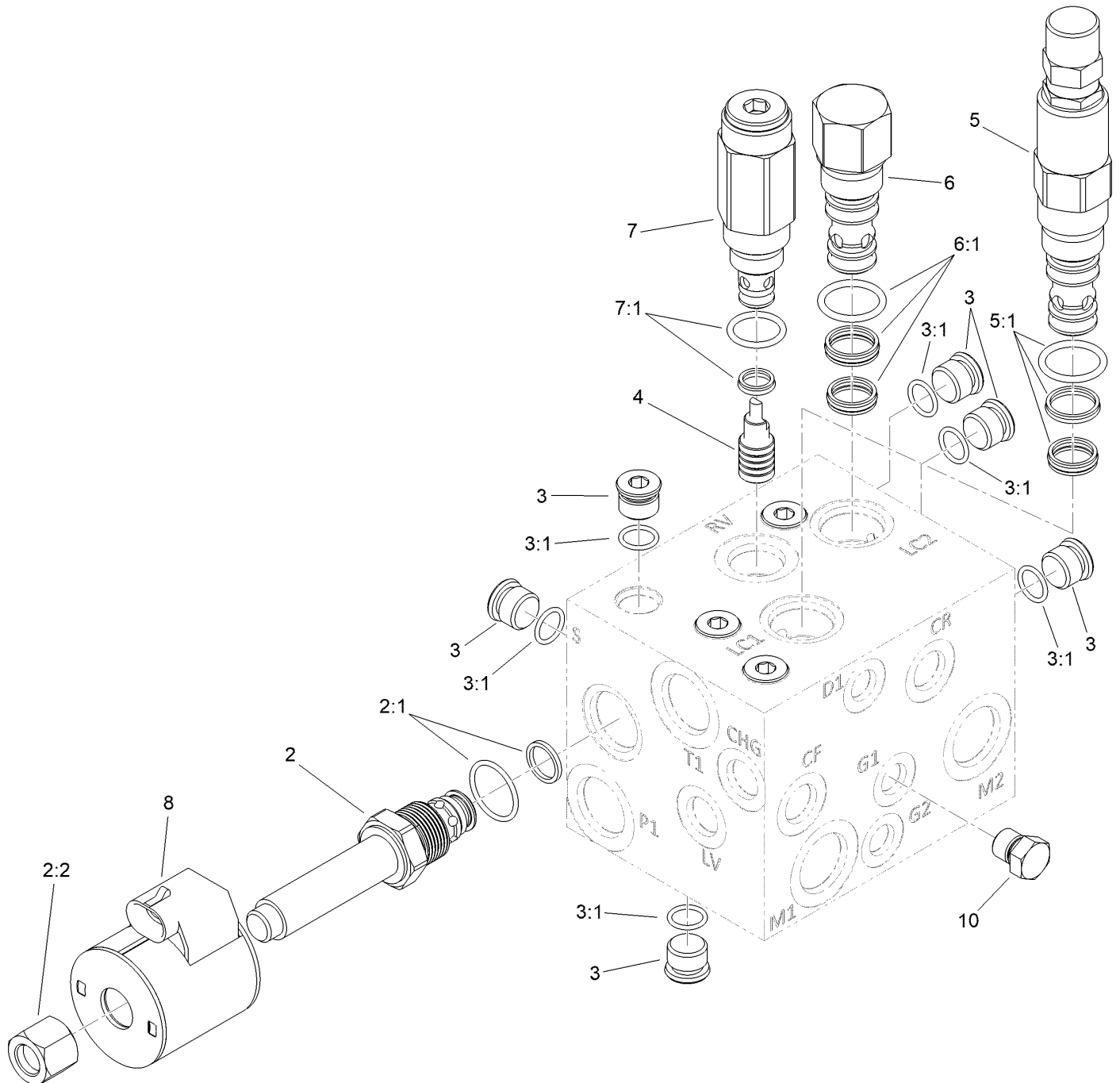
2-Spool Control Valve Assembly No. 95-8581



2-Spool Control Valve Assembly No. 95-8581 (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	58-6290	3	Poppet	16	99-3531	2	Spring
2	69-1840	1	Plunger	17	60-6450	1	Disc
3	58-6310	2	Spacer	18	353-989	1	Plug-Hex, Hollow
5	58-6330	3	Seat	18:1	237-42	1	O-Ring
5:1	58-6340	1	O-Ring	19	58-6780	1	Plug
6	58-6350	1	Plug	19:1	58-6790	1	O-Ring
6:1	60-5720	1	O-Ring	20	58-6320	2	Wiper
6:2	58-6370	1	Washer	21	99-3528	1	Plunger
7	69-1800	2	Plug ASM	22	58-6770	1	Plunger
7:1	60-5720	1	O-Ring	23	58-6760	1	Spring
7:2	58-6370	1	Washer	31	99-3530	1	Seal Kit
8	58-6400	2	Bushing	31:1	58-6290	3	Poppet
9	69-1810	3	Spring	31:2	58-6450	4	O-Ring
10	58-6420	2	Cap	31:3	58-6460	2	Ring-Retaining
12	58-6450	4	O-Ring	31:4	58-6320	2	Wiper
13	58-6460	2	Ring-Retaining	31:5	58-6790	1	O-Ring
14	65-2770	2	Washer	31:6	60-5720	4	O-Ring
15	99-3526	1	Plug ASM	31:7	58-6340	2	O-Ring
15:1	60-5720	1	O-Ring	31:8	237-42	1	O-Ring
15:2	59-7730	1	Washer-Backup	31:9	59-7730	2	Washer-Backup

Hydraulic Manifold Assembly No. 121-3570



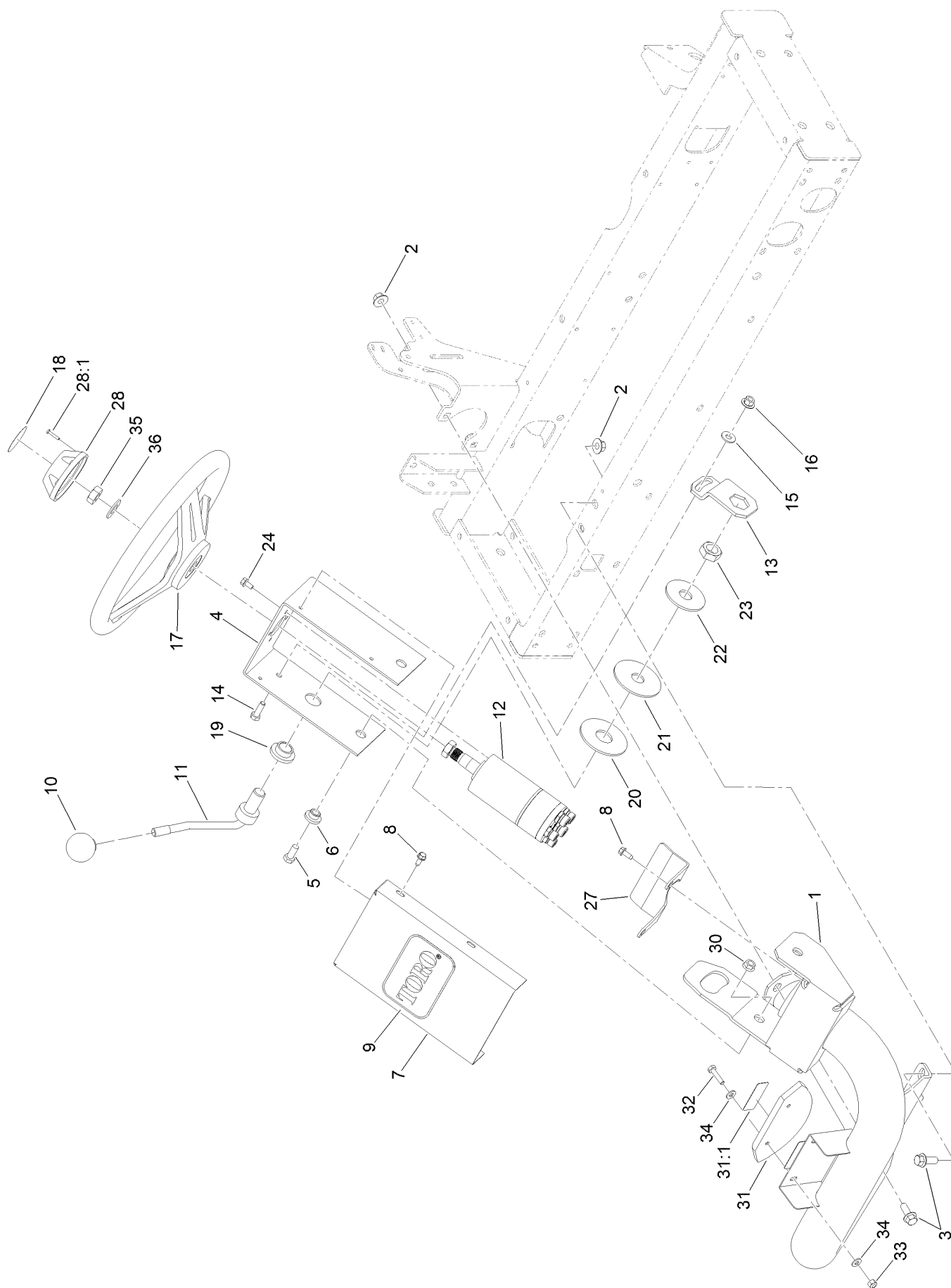
Hydraulic Manifold Assembly No. 121-3570 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	110-8768	1	Valve-Relief, Solenoid (3000 PSI)
2:1	110-6316	1	Seal Kit
2:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
3	353-512	9	Plug
3:1	237-78	1	O-Ring
4	105-9157	1	Piston-Pilot
5	119-2011	1	Valve-Logic, Adjustable

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5:1	119-2159	1	Seal Kit
6	105-9153	1	Element-Logic, Vented
6:1	119-2159	1	Seal Kit ●
7	112-5259	1	Valve-Relief
7:1	105-9156	1	Seal Kit
8	110-6344	1	Coil-12V, DC
10	117-0115	1	Plug

● Not illustrated

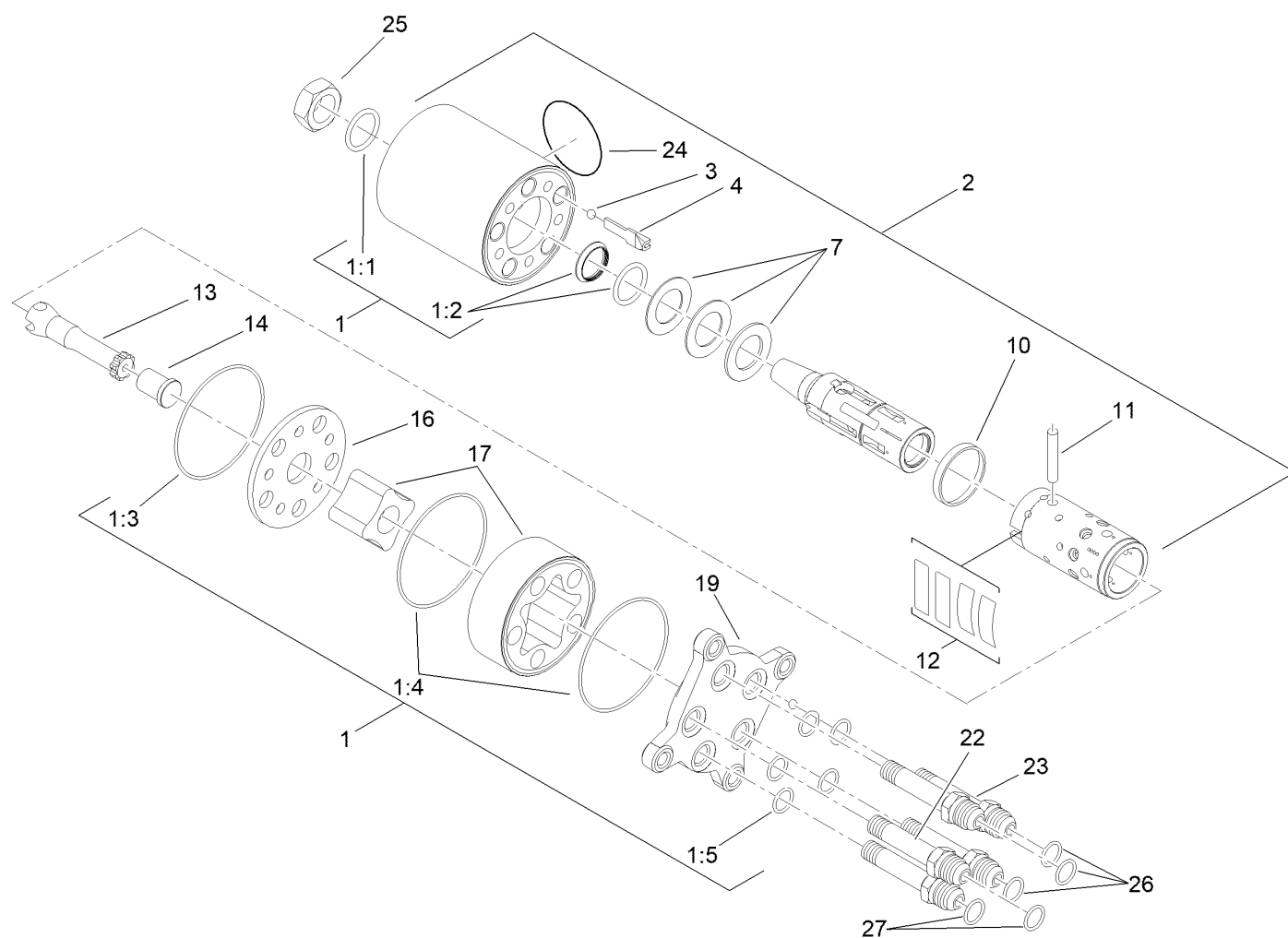
Steering Column Assembly



Steering Column 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	105-8536-01	1	Arm-Steering	19	99-3502	1	Boss
2	32128-43	4	Nut-Flange	20	31-0390	1	Disc-Friction
3	3234-11	4	Screw-HHF	21	82-9010	1	Disc-Friction
4	104-5185-01	1	Bracket-Valve, Steering	22	80-2930	1	Washer-Flat
5	323-5	2	Screw-HH	23	3218-7	1	Nut-Jam
6	93-5988	2	Hub-Pivot	24	33103-012	4	Screw-HHF
7	95-8794-01	1	Cover-Valve, Steering	27	99-3405-01	1	Shield-Steering
8	32144-10	5	Screw-HWH	28	68-5140	1	Cap-Wheel, Steering
9	67-1300	1	Decal	28:1	32144-21	1	Screw
10	233-48	1	Knob	30	32128-21	2	Nut-HF Lock
11	95-8798-03	1	Lever-Steering	31	100-4929	1	Slope Indicator ASM
12	121-7856	1	Steering Valve ASM	31:1	121-3628	1	Decal-Angle
13	80-2880	1	Bracket-Tilt	31:1	121-3598	1	Decal-Danger, 17 Degree
14	322-5	1	Screw-HH	32	321-7	2	Screw-HH
15	3256-3	1	Washer-Flat	33	3296-42	2	Nut-Lock, NI
16	32128-44	1	Nut	34	3256-22	4	Washer-Flat
17	145-0051	1	Steering Wheel	35	3296-33	1	Nut-Lock, NI
18	68-5370	1	Decal	36	3256-27	1	Washer-Flat

Steering Valve Assembly No. 121-7856

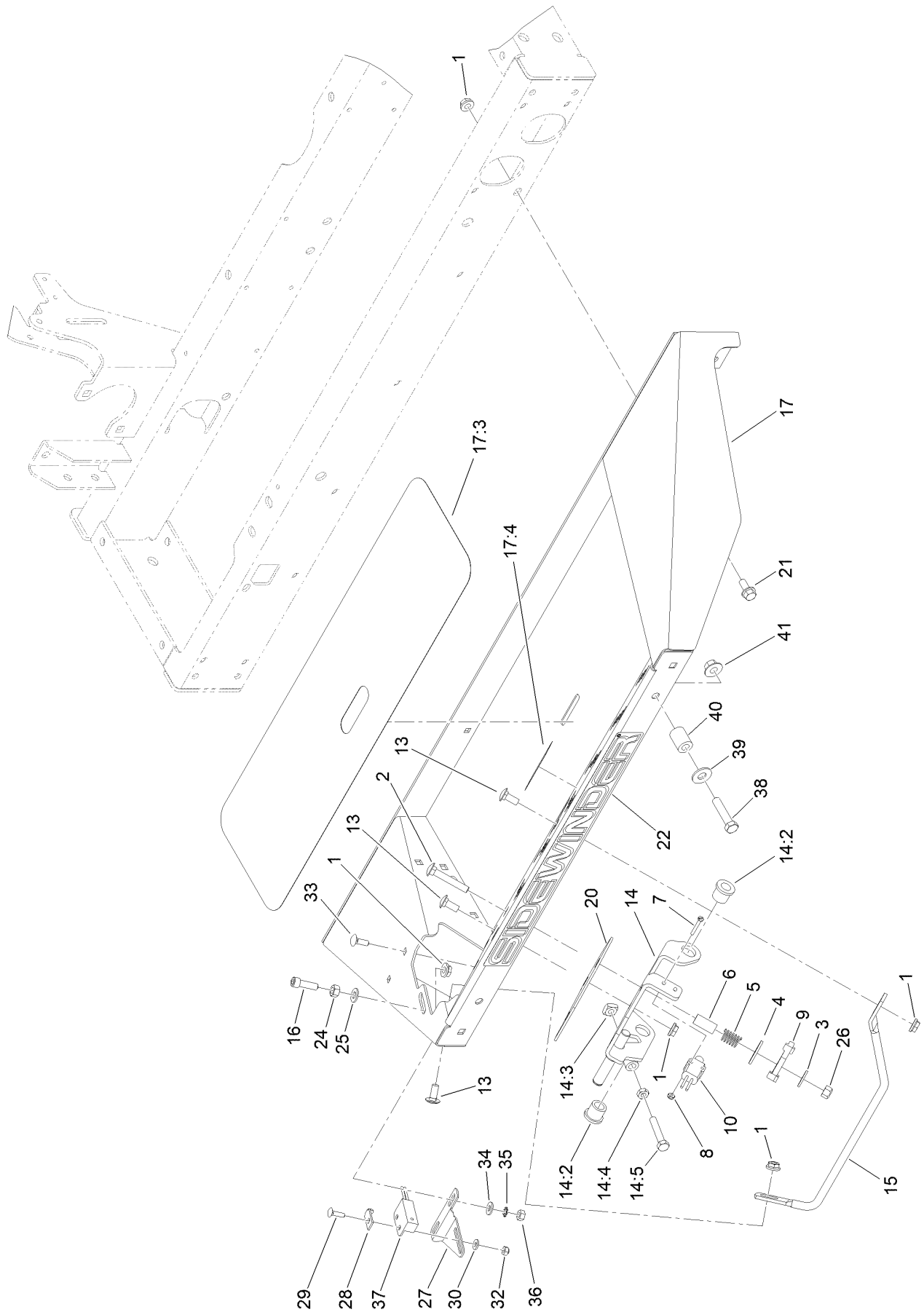


Steering Valve Assembly No. 121-7856 (continued)

<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	106-6716	1	Seal Kit	12		1	Springs ●
1:1		1	Ring-Seal, Dust ●	13		1	Shaft ●
1:2		1	Seal-Shaft ●	14		1	Spacer ●
1:3		1	O-Ring ●	16		1	Plate-Distributor ●
1:4		2	O-Ring ●	17		1	Gearwheel Set ●
1:5		5	O-Ring ●	19		1	Cover-End ●
2		1	Housing ●	22		1	Screw-Special ●
3		1	Ball ●	23		4	Screw-Special ●
4		1	Stop-Ball ●	24		1	Plate-Name ●
7		1	Bearing ASM ●	25	3296-33	1	Nut-Lock, NI
10		1	Ring ●	26	237-22	3	O-Ring
11		1	Pin-Cross ●	27	237-21	2	O-Ring

● Not serviced separately

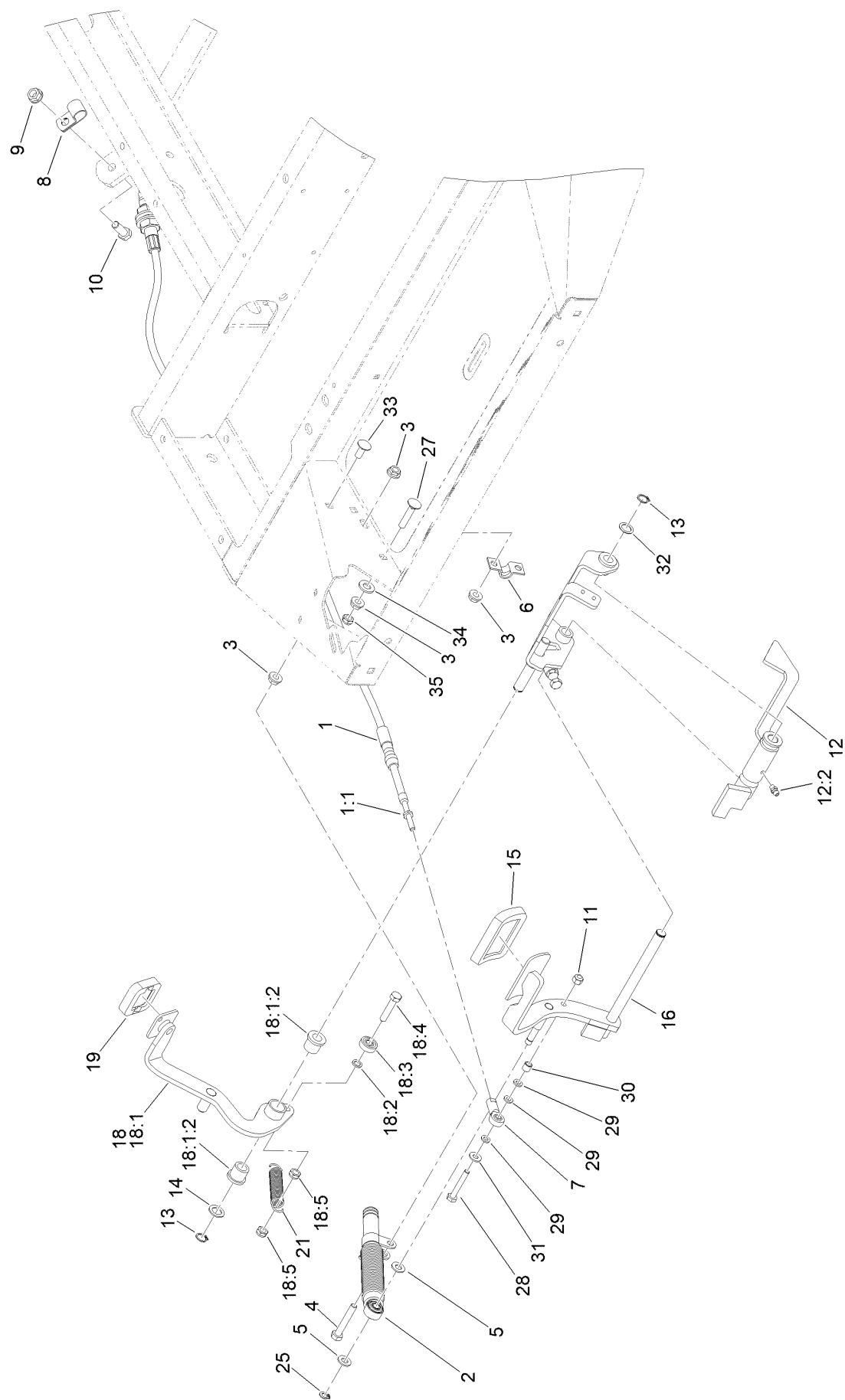
Floorplate Assembly



Floorplate 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	32128-20	15	Nut-HF	20	106-2661-0P	1	Plate-Support
2	3230-6	1	Bolt-CARR	21	3234-5	10	Screw-HHF
3	3256-3	1	Washer-Flat	22	99-3388	1	Decal
4	3256-40	1	Washer-Flat	24	3217-6	1	Nut-Hex
5	65-9940	1	Spring	25	3256-23	1	Washer-Plain
6	95-8866	1	Tube-Arm, Rocker	26	3296-29	1	Nut-Lock, NI
7	32105-9	2	Screw-HH	27	100-4871	1	Bracket-Switch, Neutral
8	3296-9	2	Nut-Hex	28	100-4872	1	Plate-Switch, Neutral
9	99-3593	1	Arm-Rocker	29	3229-20	1	Screw-CARR
10	95-8900	1	Switch	30	3256-14	1	Washer-Flat
13	3230-23	4	Bolt-CARR	32	3296-2	1	Nut-Lock, NI
14	140-6253	1	Traction Bracket ASM	33	3229-1	2	Screw-CARR
14:2	256-243	2	Bearing-Flange	34	3256-22	2	Washer-Flat
14:3	99-3565	1	Nut-Square	35	3255-7	2	Washer-Lock/EXT
14:4	3218-2	1	Nut-Hex Jam	36	3217-5	2	Nut-Hex
14:5	322-41	1	Bolt-Hex,TAP	37	100-1270	1	Switch-Proximity
15	95-8893	1	Bar-Deflector	38	323-9	2	Screw-HH
16	3274-22	1	Screw-HSH	39	3256-4	2	Washer-Flat
17	106-4154	1	Floorplate ASM	40	104-4613	2	Tube-Latch
17:3	99-3478	1	Tread-Foot	41	32128-43	2	Nut-Flange
17:4	99-3444	1	Decal-Mow / Transport				

Traction Pedal Assembly

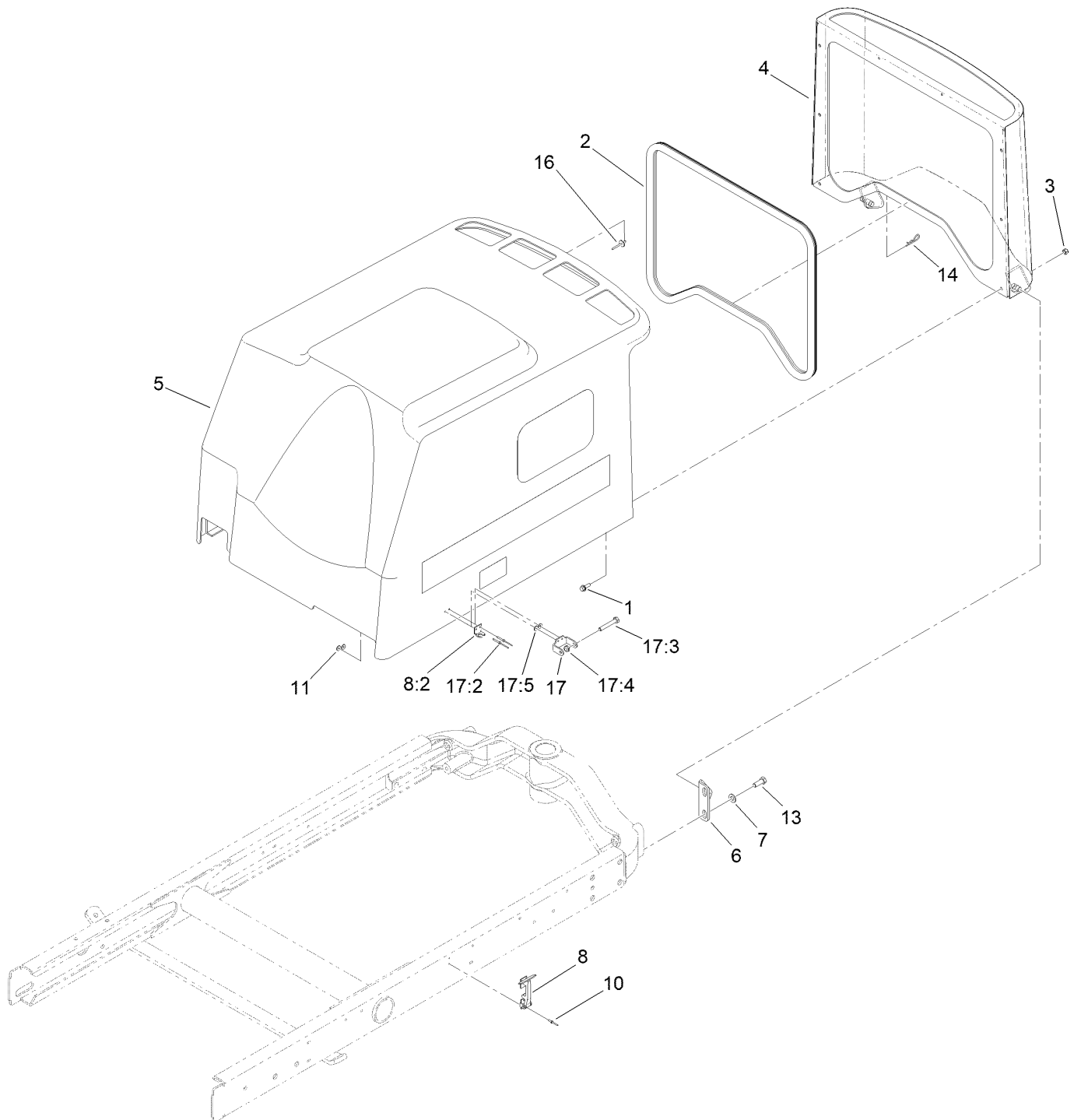


Traction Pedal Assembly (continued)

<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	100-4815	1	Cable-Control, Traction	18:1		1	Reverse Pedal ASM
1:1	3220-1	2	Nut-Jam				W/Bushings ●
2	140-6248	1	Damper	18:1:2	256-243	2	Bearing-Flange
3	32128-20	5	Nut-HF	18:2	75-5470	1	Spacer-Bearing
4	322-10	1	Screw-HH	18:3	251-259	1	Bearing-Ball
5	3256-23	2	Washer-Plain	18:4	322-7	1	Screw-HH
6	93-2092	1	Clamp-Cable	18:5	3296-47	2	Nut-Lock,NI
7	2411-41	1	Rod End-Ball Joint	19	74-9110	1	Pad-Pedal, Reverse
8	2412-41	1	Clamp-R	21	99-3476	1	Spring-Extension
9	3290-357	1	Nut-HSF	25	32151-3	1	Ring-Grip
10	323-6	1	Screw-HH	27	3230-27	1	Screw-CARR
11	3296-42	1	Nut-Lock, NI	28	321-10	1	Screw-HH
12	140-6255	1	Detent Slider ASM	29	33093-00	3	Washer-Flat
12:2	302-5	1	Fitting-Grease	30	99-3545	1	Spacer
13	32151-84	2	Ring-Shaft, EXT	31	3256-22	1	Washer-Flat
14	41-8440	1	Washer	32	73-0040	4	Washer-Thrust
15	74-9100	1	Pad-Pedal, Forward	33	3230-23	2	Bolt-CARR
16	140-6263	1	Traction Pedal ASM	34	3256-24	1	Washer-Plain
18	140-6251	1	Reverse Pedal ASM	35	3296-47	1	Nut-Lock,NI

● Not serviced separately

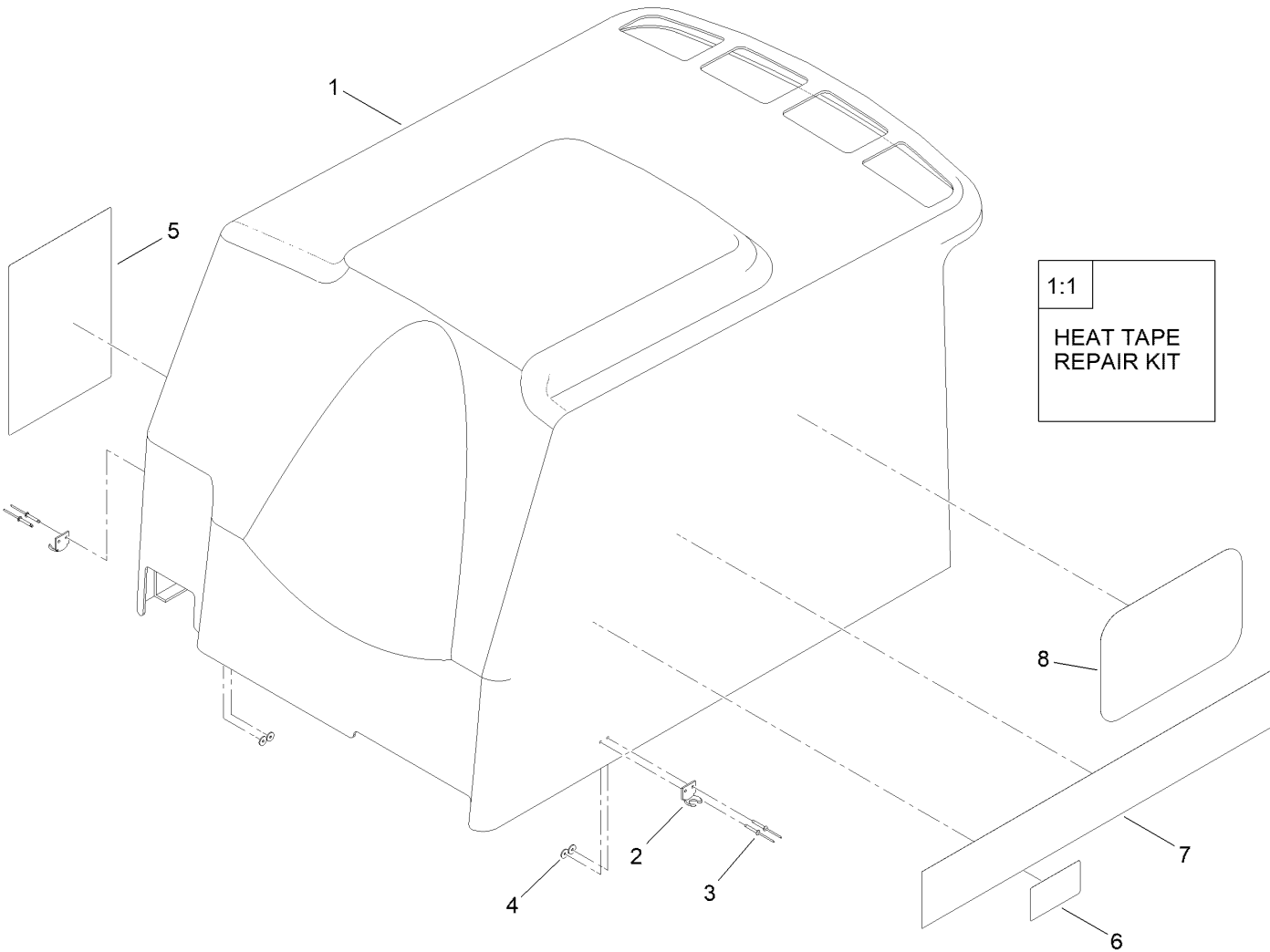
Hood Assembly



Hood 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	3234-4	6	Screw-HHF	11	3269-10	4	Washer-Back
2	100-4932	1	Trim-Seal	13	323-6	4	Screw-HH
3	3296-42	6	Nut-Lock, NI	14	3290-467	1	Pin-Hair
4	104-4853-03	1	Screen-Hood	16	3269-21	2	Rivet-Pop
5	121-3632	1	Hood ASM	17	119-2004	1	CE Latch Kit
6	95-8728	2	Bracket-Pivot, Hood	17:2	107-0333	2	Rivet-Pop
7	3256-24	4	Washer-Plain	17:3	322-10	1	Screw-HH
8	59-9740	2	Flex Draw Latch ASM	17:4	3296-47	1	Nut-Lock,NI
8:2	249-40	1	Keeper	17:5	3269-10	2	Washer-Back
10	3290-55	4	Rivet-Pop				

Hood Assembly No. 121-3632

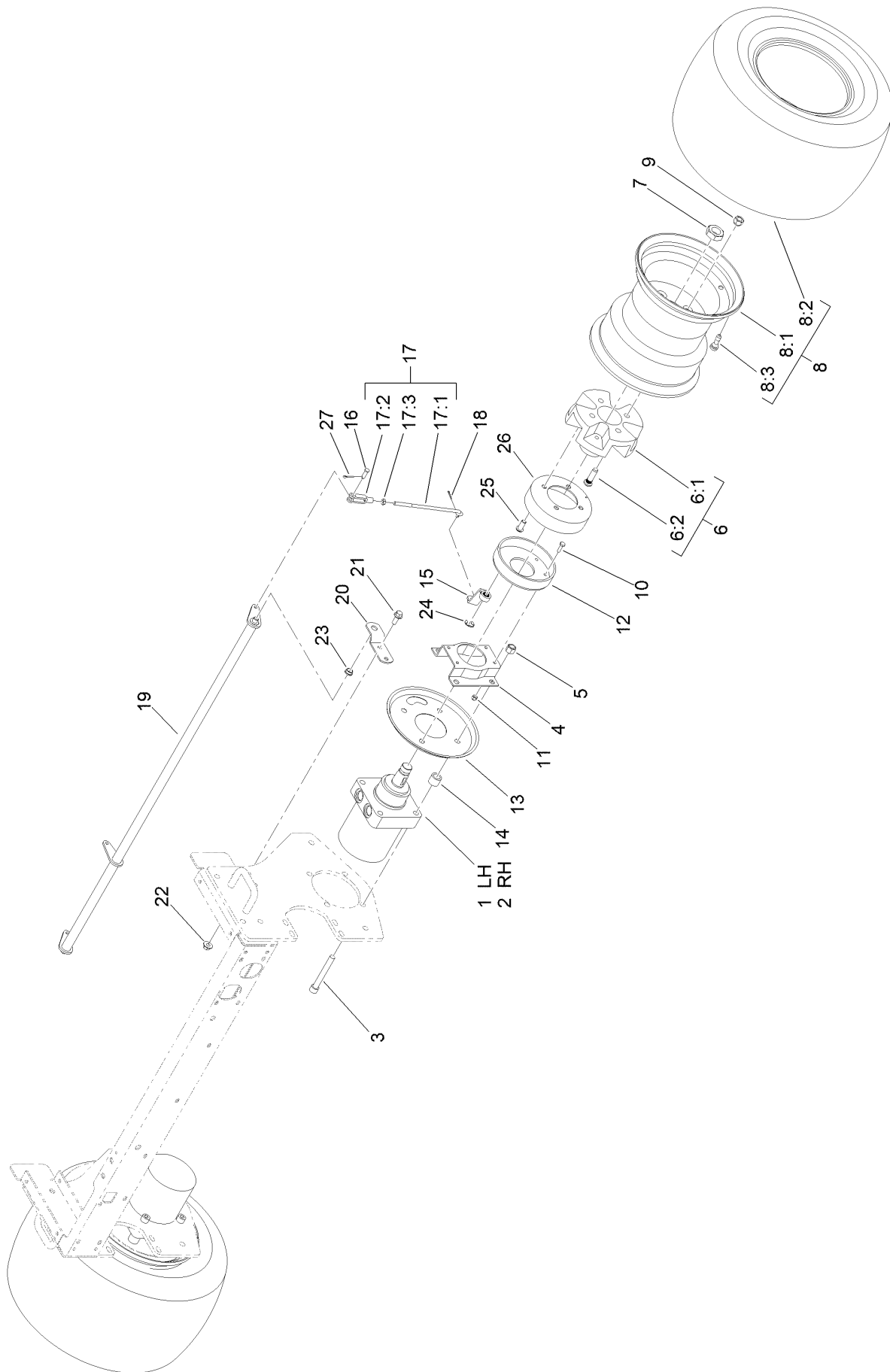


Hood Assembly No. 121-3632 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-3507	1	Hood ASM
1:1	106-8115	1	Heat Tape Repair Kit
2	249-40	2	Keeper
3	107-0333	4	Rivet-Pop
4	3269-10	4	Washer-Back

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	136-3714	1	Decal-Service
6	117-3270	1	Decal-Danger
7	121-3541	2	Decal-Hood
8	66-6140	2	Decal

Wheel Motor and Brake Assembly

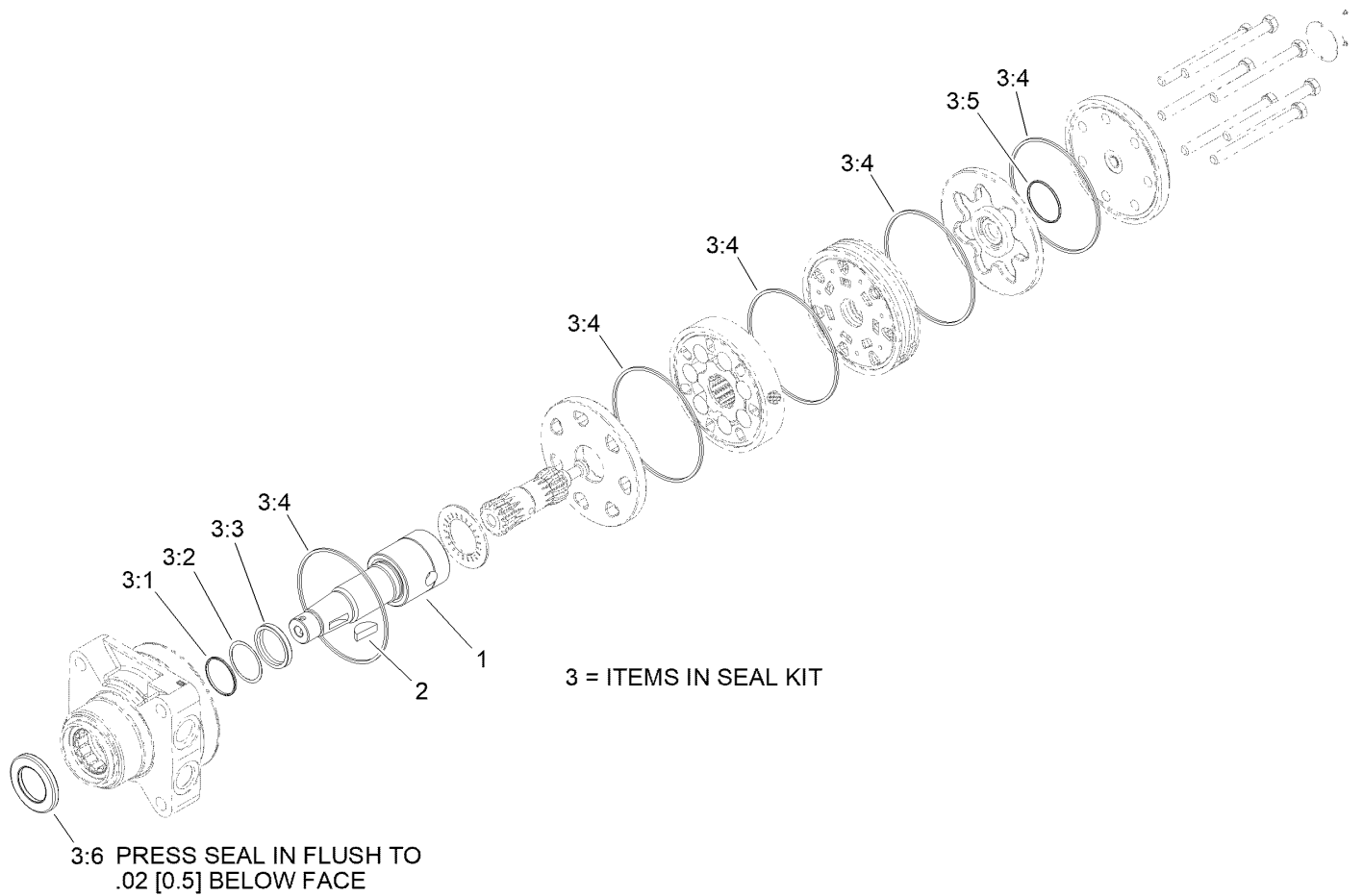


Wheel Motor and Brake Assembly (continued)

<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	110-8785	1	HYD Motor ASM (CCW)	14	119-8238	8	Spacer-Deck Pulley
2	110-8786	1	HYD Motor ASM (CW)	15	114-2726	2	Lever-Brake
3	3274-99	8	Screw-HSH	16	283-1	2	Pin-Clevis
4	84-2000-0P	2	Bracket-Brake	17	115-6672	2	Brake Lever ASM
5	3296-23	8	Nut-Lock, NI	17:1	104-4627	1	Rod-Adjusting
6		2	Wheel Hub/Stud ASM ●	17:2	1-303105	1	Yoke-Adjustable
6:1	104-0462	1	Hub-Wheel, Spacer	17:3	3220-2	1	Nut-Jam
6:2	10-6830	4	Stud-Type, Drive	18	3272-6	2	Pin-Cotter
7	26-3790	2	Nut-Lock	19	104-4625-03	1	Shaft-Pivot, Brake
8		2	Tire And Rim ASM ●	20	95-8683	2	Bracket-Pivot, Brake
8:1	121-3548	1	Rim	21	3234-11	4	Screw-HHF
8:2	117-5125	1	Tire	22	32128-43	4	Nut-Flange
8:3	232-27	1	Stem-Valve	23	256-156	2	Bushing-Flange
9	242-50	8	Nut-Lug	24	104-7706	2	E-Ring, Bowed
10	321-5	8	Screw-HH	25	3274-105	8	Screw-HSBH
11	3296-42	8	Nut-Lock, NI	26	104-4809	2	Drum-Brake
12	104-7705	2	Brake ASM	27	3272-10	2	Pin-Cotter
13	104-0485-0P	2	Shield-Wheel				

● Not serviced separately

Hydraulic Motor Assembly No. 110-8785



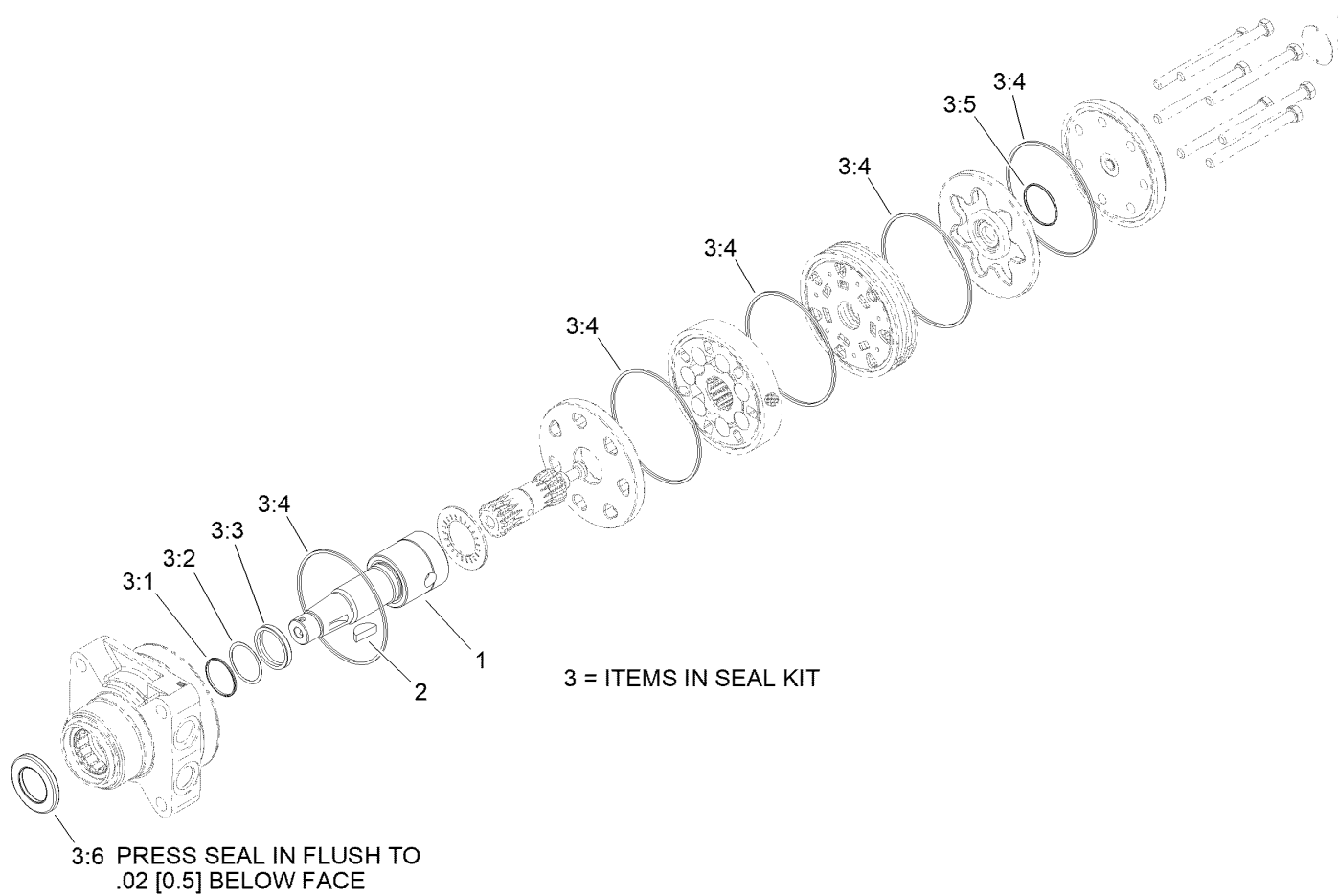
Hydraulic Motor Assembly No. 110-8785 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3257-42	1	Key-Woodruff
2	99-3090	1	Shaft-Coupling
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

● Not serviced separately

Hydraulic Motor Assembly No. 110-8786



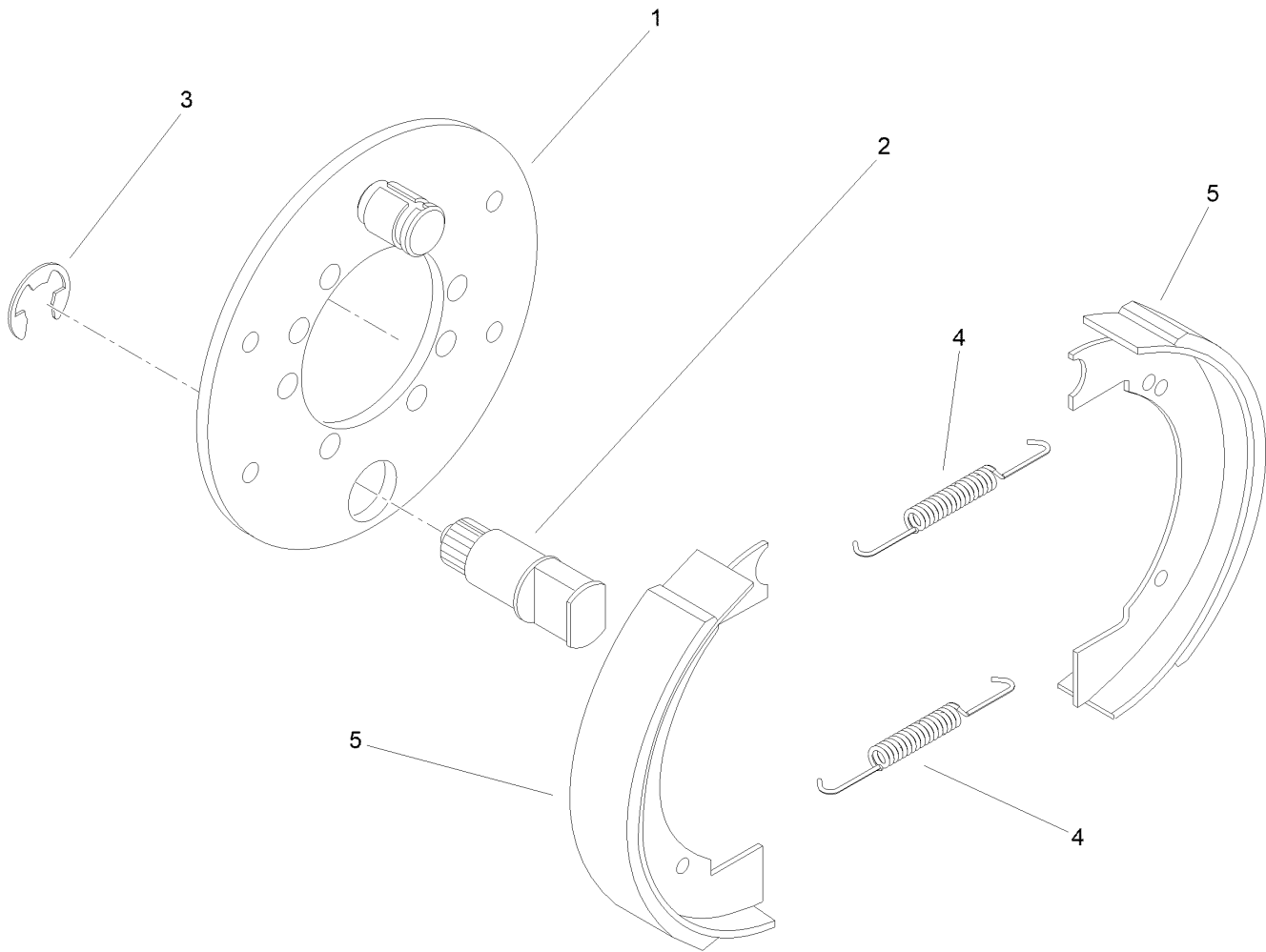
Hydraulic Motor Assembly No. 110-8786 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3257-42	1	Key-Woodruff
2	99-3090	1	Shaft-Coupling
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

● Not serviced separately

Brake Assembly No. 104-7705

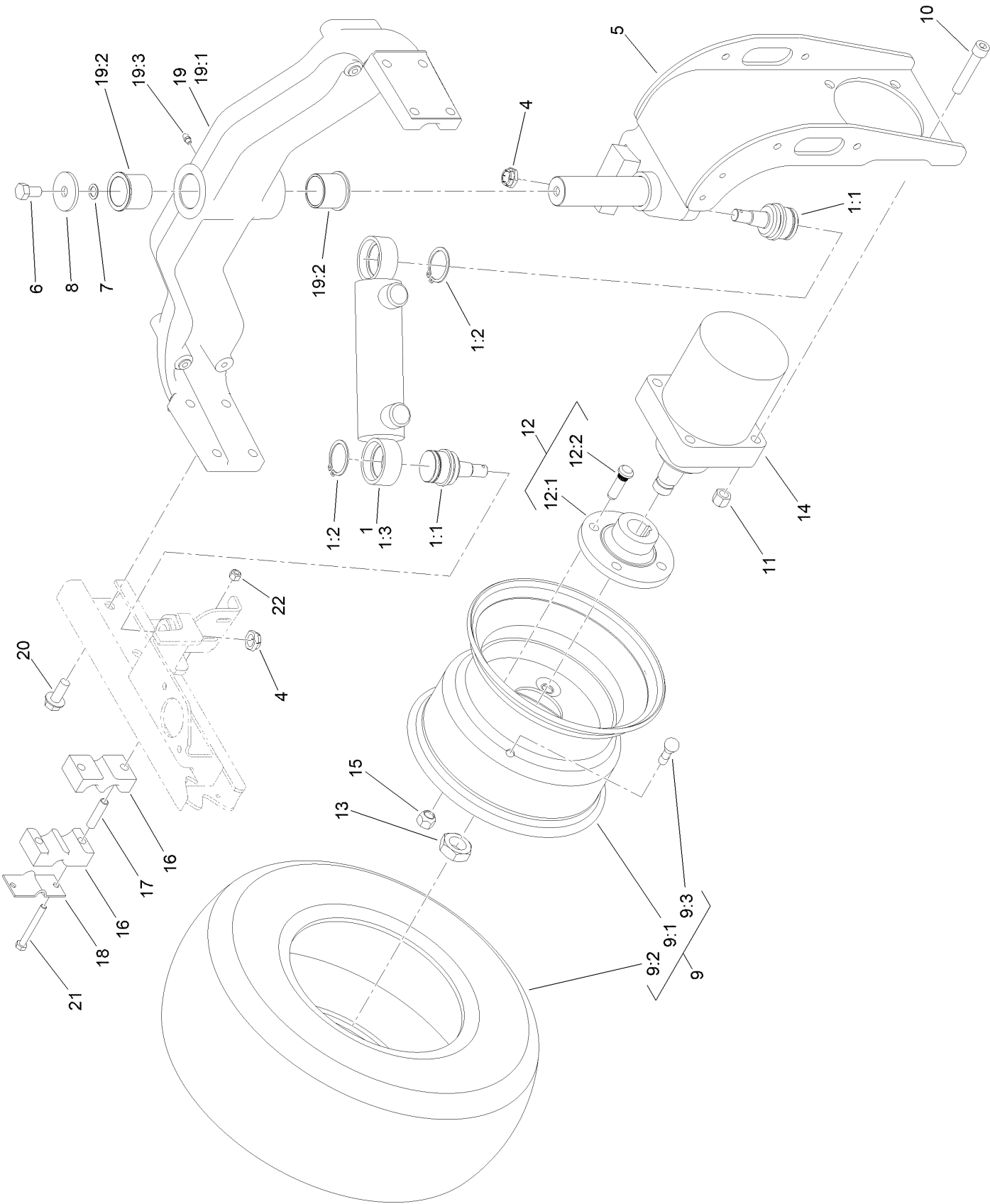


Brake Assembly No. 104-7705 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake

Rear Fork and Tire Assembly

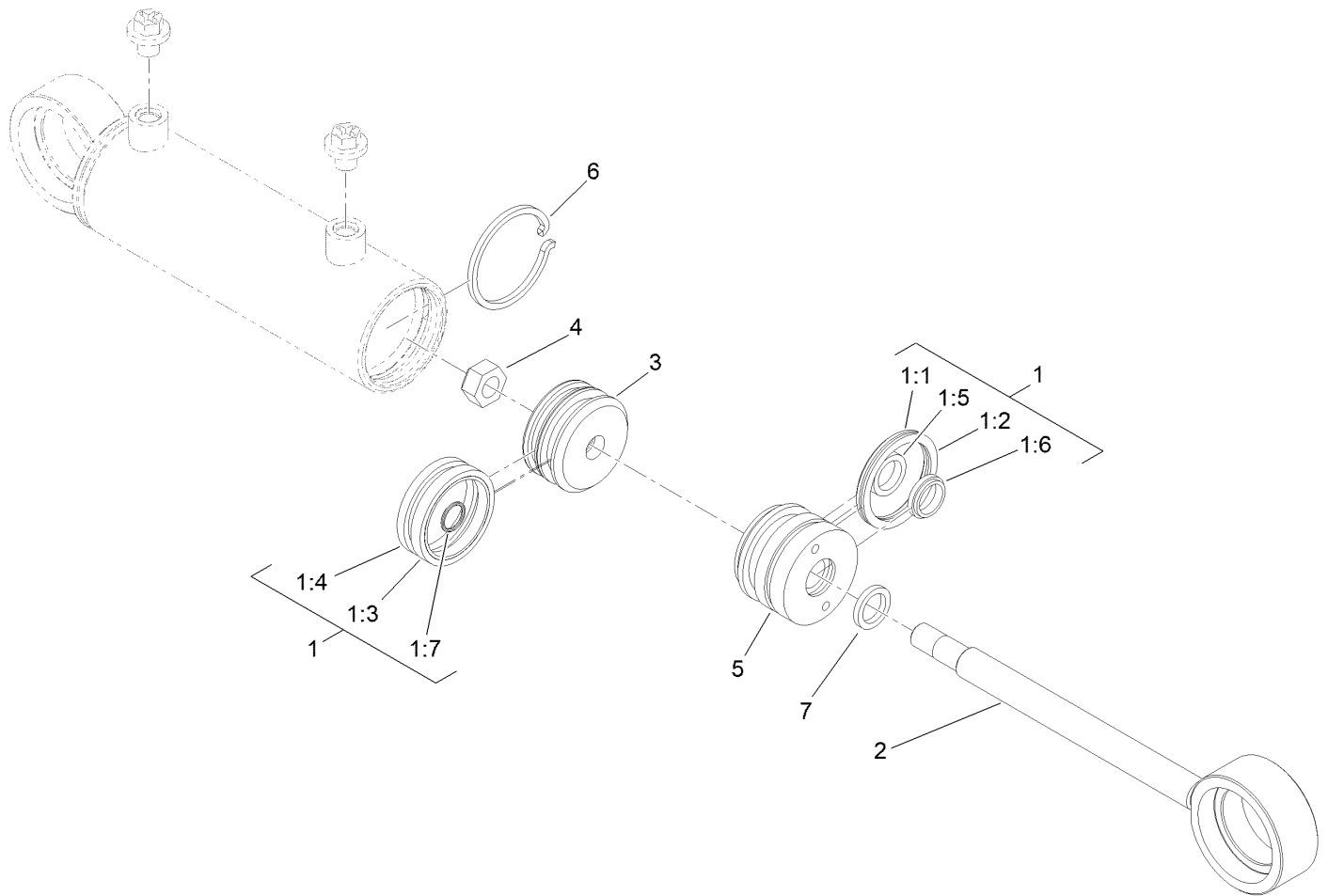


Rear Fork and Tire Assembly (continued)

<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		1	Steering Cylinder ASM ●	12:1	10-6870-03	1	Hub-Wheel
1:1	121-3605	2	Ball Joint	12:2	10-6830	4	Stud-Type, Drive
1:2	32151-104	2	Ring-Retaining, External	13	26-3790	1	Nut-Lock
1:3	121-3653	1	Cylinder-HYD	14	95-8694	1	HYD Motor ASM
4	121-3611	2	Nut-Hex, Flextop	15	242-50	4	Nut-Lug
5	136-3812-01	1	Fork-Rear	16	82-8170	2	Clamp
6	325-3	1	Screw-HH	17	93-7960	2	Spacer
7	3255-2	1	Washer-Lock, EXT	18	93-7961	1	Clamp-Drain, Case
8	75-7730	1	Washer-Thrust	19	127-8576	1	Rear Casting ASM
9		1	Wheel And Tire ASM ●	19:1		1	Casting-Rear ●
9:1	117-5129	1	Rim	19:2	127-8572	2	Bushing-Flange
9:2	115-1572	1	Tire	19:3	302-5	1	Fitting-Grease
9:3	232-27	1	Stem-Valve	20	3234-38	8	Screw-HHF
10	3274-93	4	Screw-HSH	21	322-13	2	Screw-HH
11	3296-23	4	Nut-Lock, NI	22	3296-29	2	Nut-Lock, NI
12		1	Wheel Hub/Stud ASM ●				

● Not serviced separately

Hydraulic Cylinder Assembly No. 121-3653

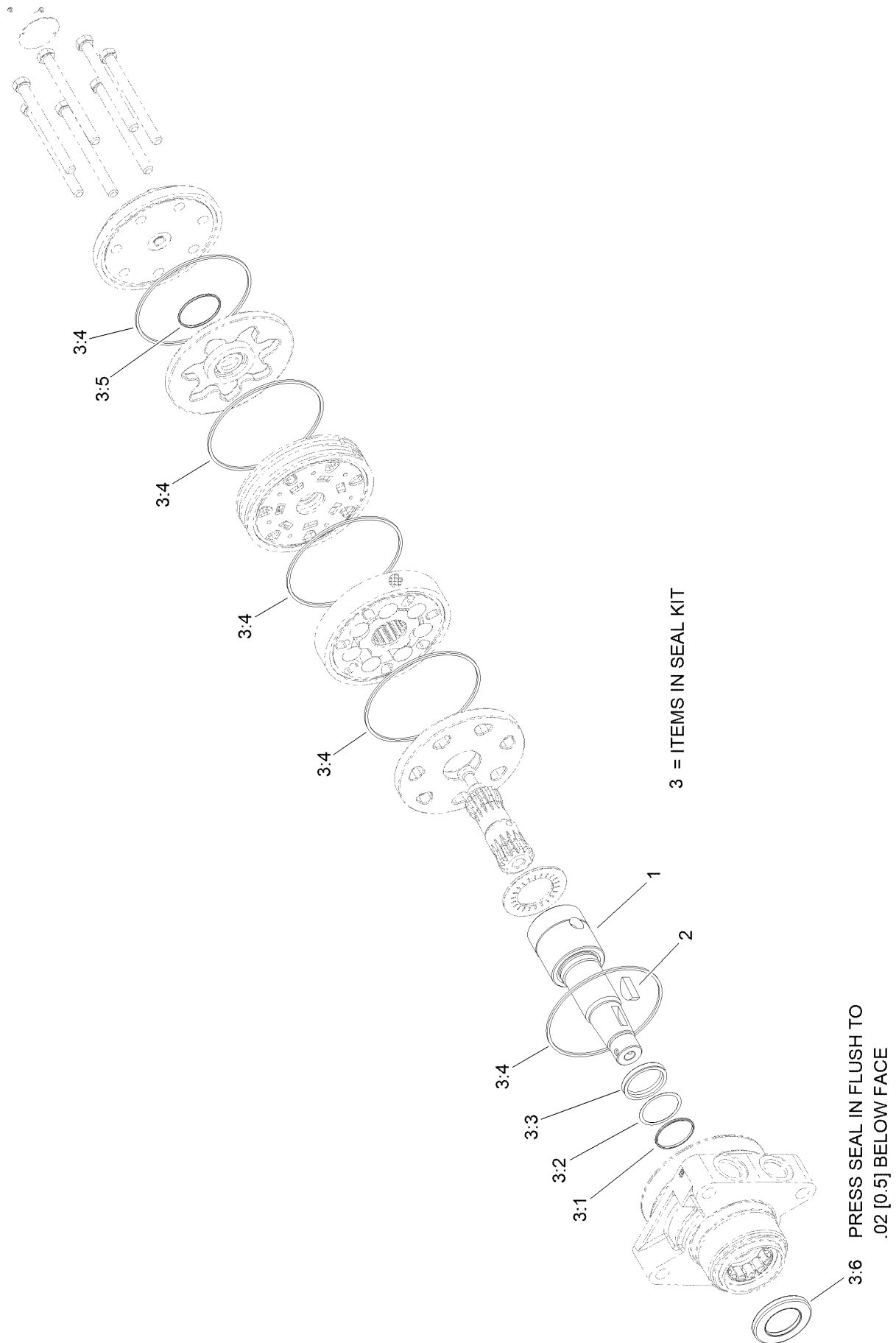


Hydraulic Cylinder Assembly No. 121-3653 (continued)

<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	136-3278	1	Seal Kit	1:7		1	O-Ring ●
1:1		1	O-Ring ●	2		1	Rod ●
1:2		1	Backup ●	3		1	Piston ●
1:3		1	Psp Seal ●	4		1	Head ●
1:4		1	Wear Ring ●	5		1	Lock Nut ●
1:5		1	Bt Seal ●	6		1	Retaining Ring ●
1:6		1	Dust Seal ●	7		1	Square O-Ring ●

● Not serviced separately

Hydraulic Motor Assembly No. 95-8694



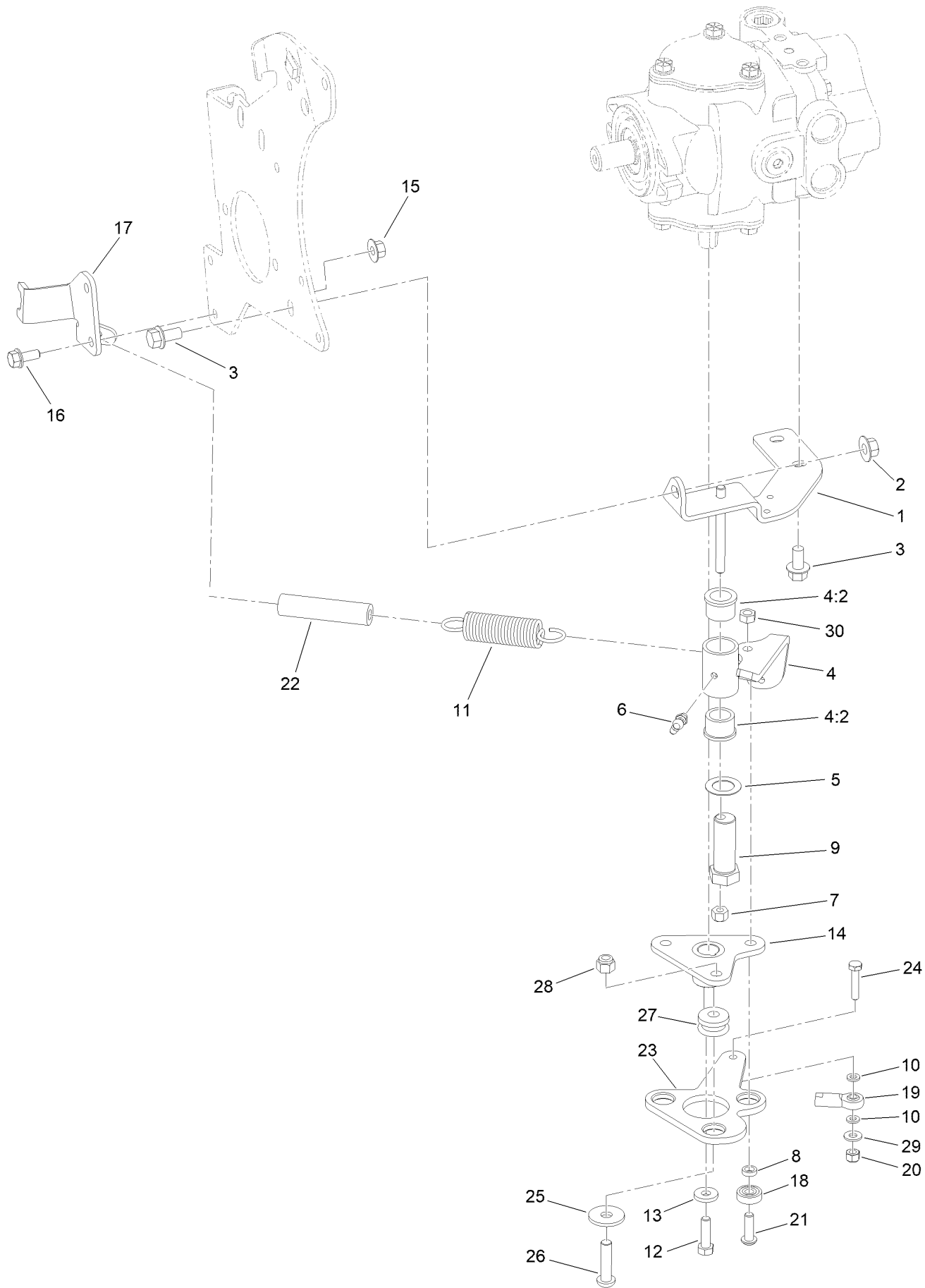
Hydraulic Motor Assembly No. 95-8694 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-3090	1	Shaft-Coupling
2	3257-42	1	Key-Woodruff
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

● Not serviced separately

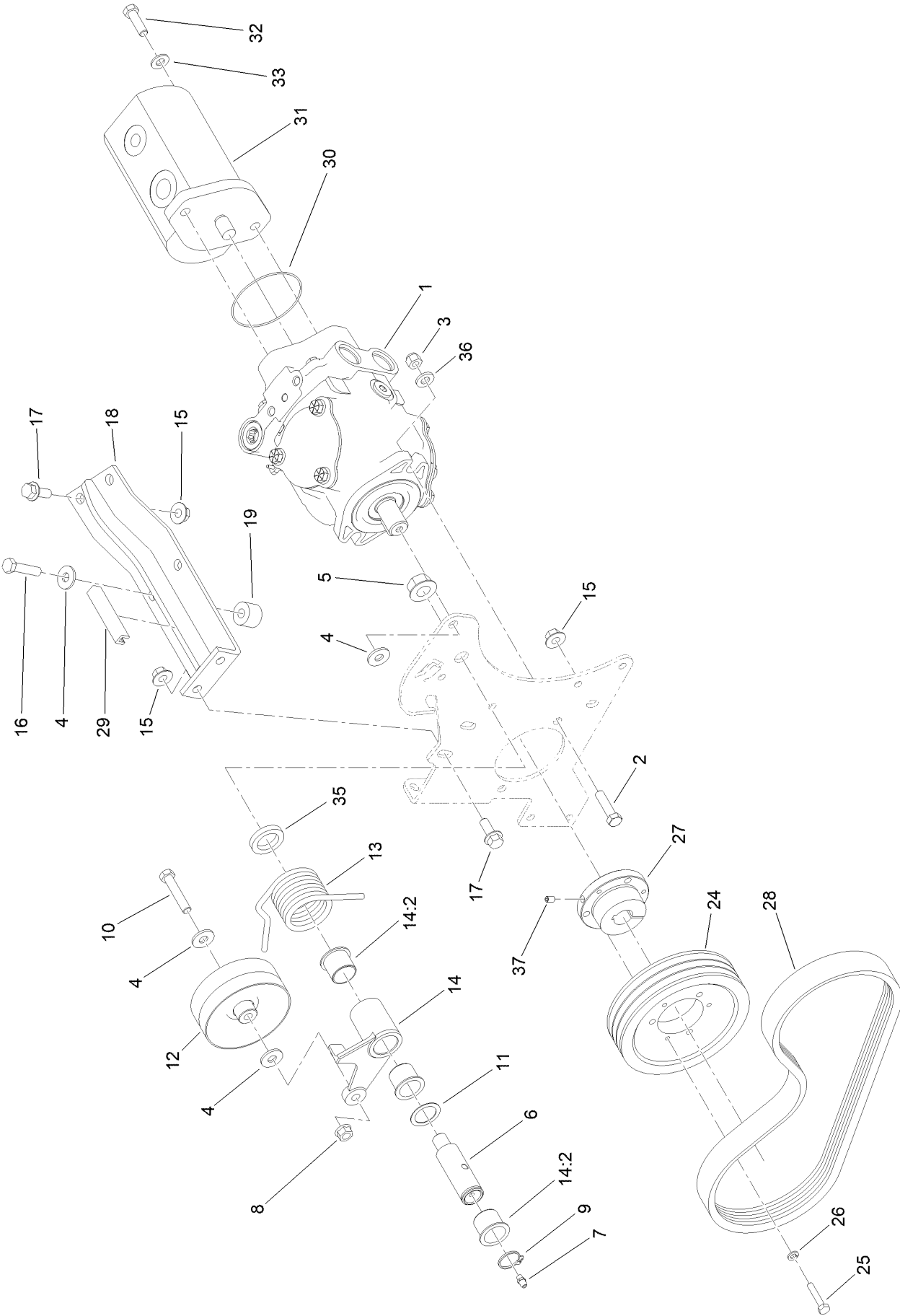
Neutral Arm Assembly



Neutral Arm 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	95-8960-0P	1	Bracket-Neutral	16	3234-5	2	Screw-HHF
2	32128-43	1	Nut-Flange	17	120-3534-03	1	Bracket-Support, Cable
3	3234-1	3	Screw-HHF	18	251-259	1	Bearing-Ball
4	104-0422	1	Neutral Arm ASM	19	2411-41	1	Rod End-Ball Joint
4:2	256-113	2	Bushing-Flange	20	3296-42	1	Nut-Lock, NI
5	3-6498	1	Washer-Thrust	21	3274-104	1	Screw-HSBH
6	302-60	1	Fitting-Grease	22	99-3556	1	Hose
7	3296-29	1	Nut-Lock, NI	23	120-3533-0P	1	Lever-Pump
8	100-4817	1	Spacer	24	321-8	1	Screw-HH
9	76-8640	1	Stud-Traction	25	2844	3	Washer
10	33093-00	2	Washer-Flat	26	95-3857	3	Screw-HSBH
11	145-5262	1	Spring-Extension	27	63-9750	3	Mount
12	3210-6	1	Screw-HH	28	3296-39	3	Nut-Lock, NI
13	88-7200	1	Washer-Flat	29	3256-22	1	Washer-Flat
14	120-5566	1	Hub	30	32153-3	1	Nut-Hex, Side Deform
15	32128-44	2	Nut				

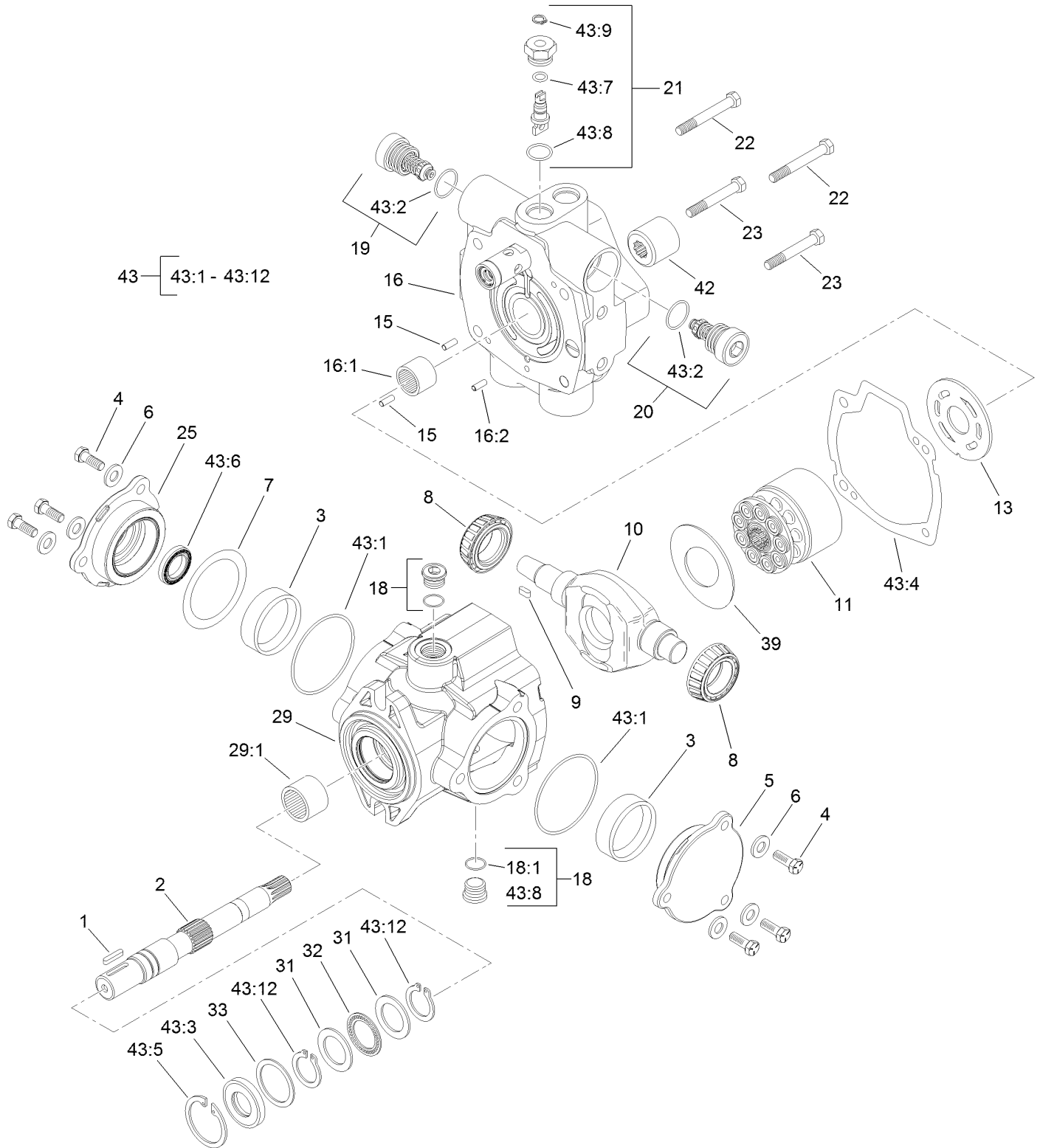
Gear Pump and Piston Pump Assembly



Gear Pump and Piston 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	104-4890	1	Piston Pump ASM	17	3234-11	4	Screw-HHF
2	323-8	2	Screw-HH	18	120-3378-0P	1	Support-Pump
3	3296-39	2	Nut-Lock, NI	19	99-3440	2	Spacer
4	80-6990	4	Washer-Hardened	24	120-3374	1	Pulley-3V
5	32128-54	1	Nut-HF	25	321-13	3	Screw-HH
6	99-3624	1	Shaft-Pivot, Idler	26	3253-3	3	Washer-Lock
7	302-5	1	Fitting-Grease	27	100-4813	1	Bushing-Lock, Taper
8	32128-21	1	Nut-HF Lock	28	120-3351	1	Belt-3V
9	32151-36	1	Ring-Retaining	29	70-2041	1	Trim - Edge
10	323-10	1	Screw-HH	30	353-949	1	O-Ring
11	74-1810	1	Washer	31	108-9036	1	HYD Gear Pump ASM
12	139-6031	1	Pulley-Idler	32	323-7	2	Screw-HH
13	115-3488	1	Spring-Torsion	33	3256-24	2	Washer-Plain
14	137-1653	1	Idler Arm ASM	35	99-3625	1	Spacer-Arm, Idler
14:2	126-1963	2	Bushing-Pivot	36	100-4852	2	Washer-Hardened
15	32128-43	4	Nut-Flange	37	3245-7	1	Screw-Set
16	323-19	2	Screw-HH				

Hydraulic Pump Assembly No. 104-4890



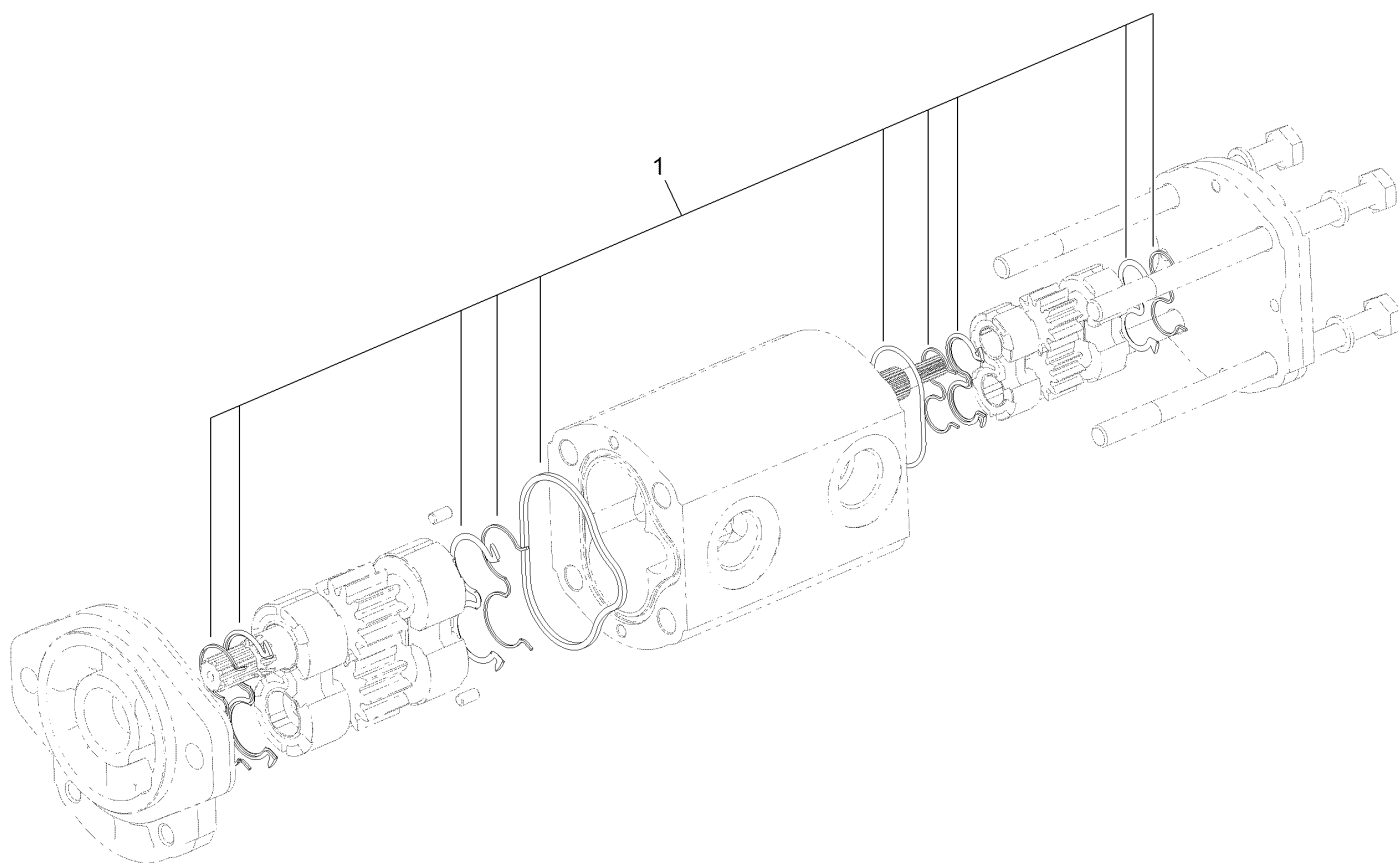
Hydraulic Pump Assembly No. 104-4890 (continued)

<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	94-3645	1	Key	25	98-4645	1	Plate-Cover
2	94-6359	1	Shaft-Drive	29	100-3176	1	Housing ASM
3	104-4046	2	Bearing-Cup	29:1	94-6363	1	Bearing
4	98-4640	6	Screw-Cap	31	252-71	2	Washer-Thrust
5	98-4644	1	Plate-Cover	32	252-66	1	Bearing-Thrust
6	105-9762	6	Washer	33	33-3720	1	Washer
7	100-3182	2	Shim Kit	39	98-4635	1	Insert-Plate, Cam
8	98-4639	2	Bearing-Cone	42	74-9040	1	Coupler
9	94-3646	1	Key	43	120-5754	1	Seal Kit
10	104-4888	1	Swashplate	43:1		2	O-Ring ■
11	76-6070	1	Rotating Kit	43:2		2	O-Ring ■
13	104-0429	1	Plate-Valve	43:3		1	Seal-Shaft ■
15	76-6150	2	Pin-Dowel	43:4		1	Gasket ■
16	105-3813	1	Endcover Sub ASM	43:5		1	Ring-Retaining ■
16:1	94-6368	1	Bearing	43:6		1	Seal-Shaft ■
16:2		1	Pin-Roll ■	43:7		1	O-Ring ■
18	74-9280	2	Plug ASM	43:8		5	O-Ring ■
18:1		1	O-Ring ■	43:9		1	Ring-Retaining ■
19	104-4889	1	Relief Valve ASM	43:10		1	O-Ring ●■
20	105-3812	1	Valve-Check	43:11		1	O Ring-Molded ●■
21	105-3811	1	Valve-Bypass	43:12		2	Ring-Retaining ■
22	76-6170	2	Capscrew	43:13		1	O-Ring ■●
23	76-6160	2	Capscrew				

● Not illustrated

■ Not serviced separately

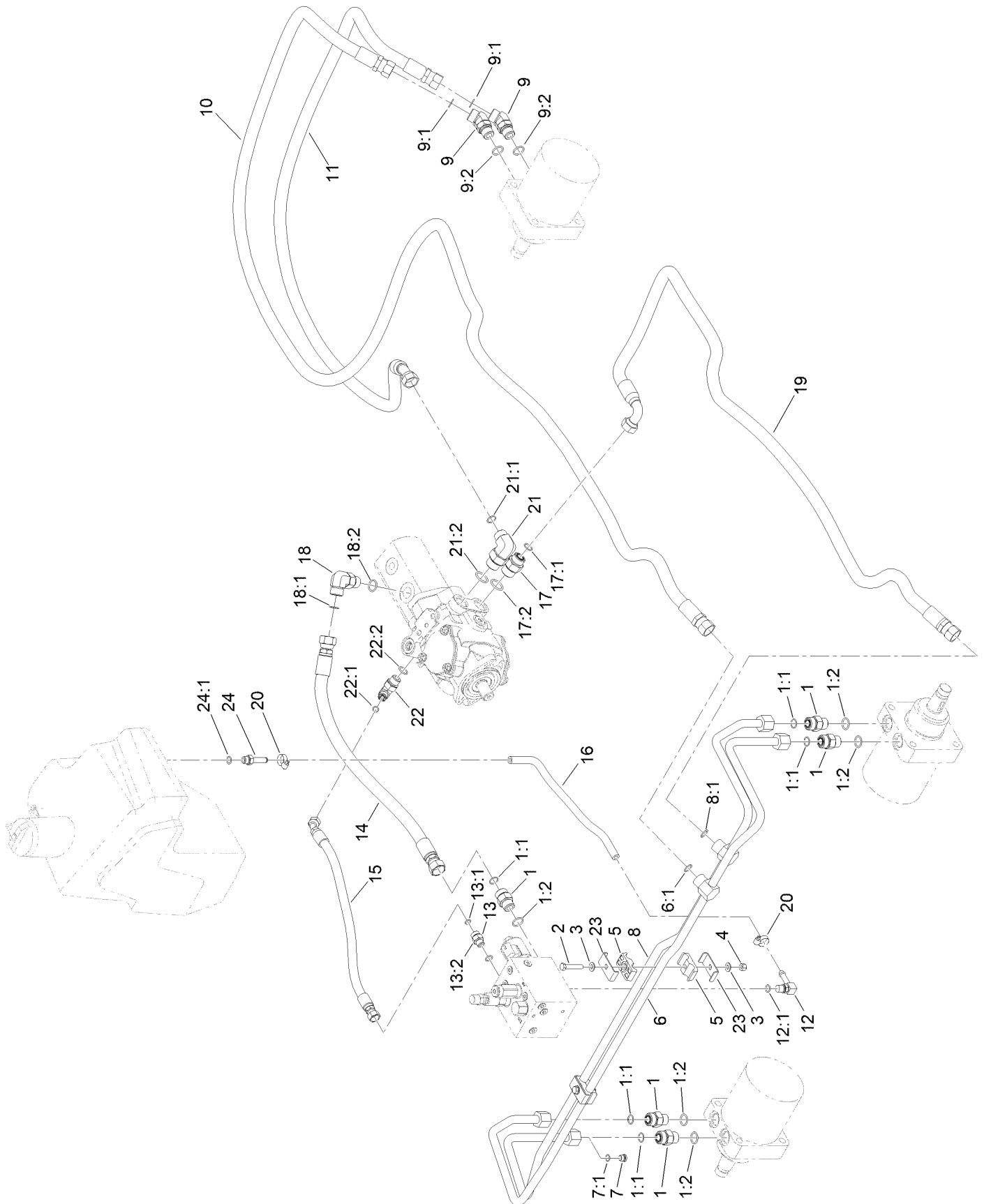
Hydraulic Gear Pump Assembly No. 108-9036



Hydraulic Gear Pump Assembly No. 108-9036 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-8755	1	Seal Kit

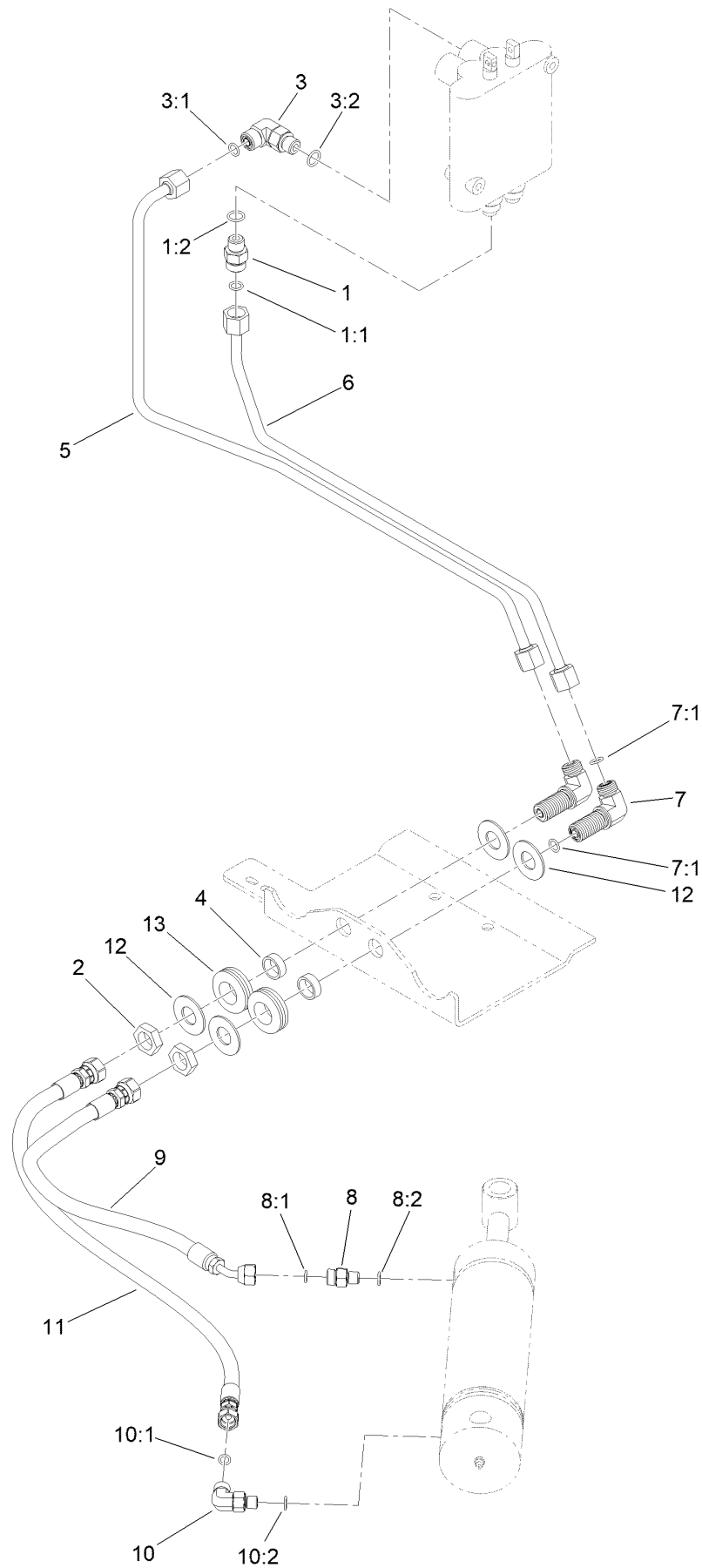
Traction Hydraulic Assembly



Traction Hydraulic 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	340-7	5	Fitting-Straight	13:2	237-42	1	O-Ring
1:1	237-65	1	O-Ring	14	120-3538	1	Hose-HYD
1:2	237-80	1	O-Ring	15	120-3539	1	Hose-HYD
2	322-9	2	Screw-HH	16	80-7342	1	Hose-HYD
3	3256-23	4	Washer-Plain	17	340-8	1	Fitting-Straight
4	3296-29	2	Nut-Lock, NI	17:1	237-65	1	O-Ring
5	56-7971	4	Clamp-Tube	17:2	237-81	1	O-Ring
6	95-8783	1	Tube ASM	18	340-17	1	Fitting-Elbow, 90 DEG
6:1	237-65	1	O-Ring	18:1	237-65	1	O-Ring
7	353-990	1	Plug ASM	18:2	237-80	1	O-Ring
7:1	237-78	1	O-Ring	19	105-1214	1	Hose-HYD
8	95-8784	1	Tube ASM	20	2412-36	2	Clamp-Hose
8:1	237-65	1	O-Ring	21	340-139	1	Fitting-Elbow 90
9	340-14	2	Fitting-HYD, 45 DEG	21:1	237-81	1	O-Ring
9:1	237-65	1	O-Ring	21:2	237-65	1	O-Ring
9:2	237-80	1	O-Ring	22	340-18	1	Fitting-HYD, 90 DEG
10	105-1213	1	Hose-HYD	22:1	237-79	1	O-Ring
11	105-1212	1	Hose-HYD	22:2	237-22	1	O-Ring
12	100-4887	1	Fitting-Elbow, 90	23	119-1419	4	Plate-Clamp
12:1	237-42	1	O-Ring	24	353-979	1	Fitting-STR
13	340-2	1	Fitting-Straight	24:1	237-42	1	O-Ring
13:1	237-22	1	O-Ring				

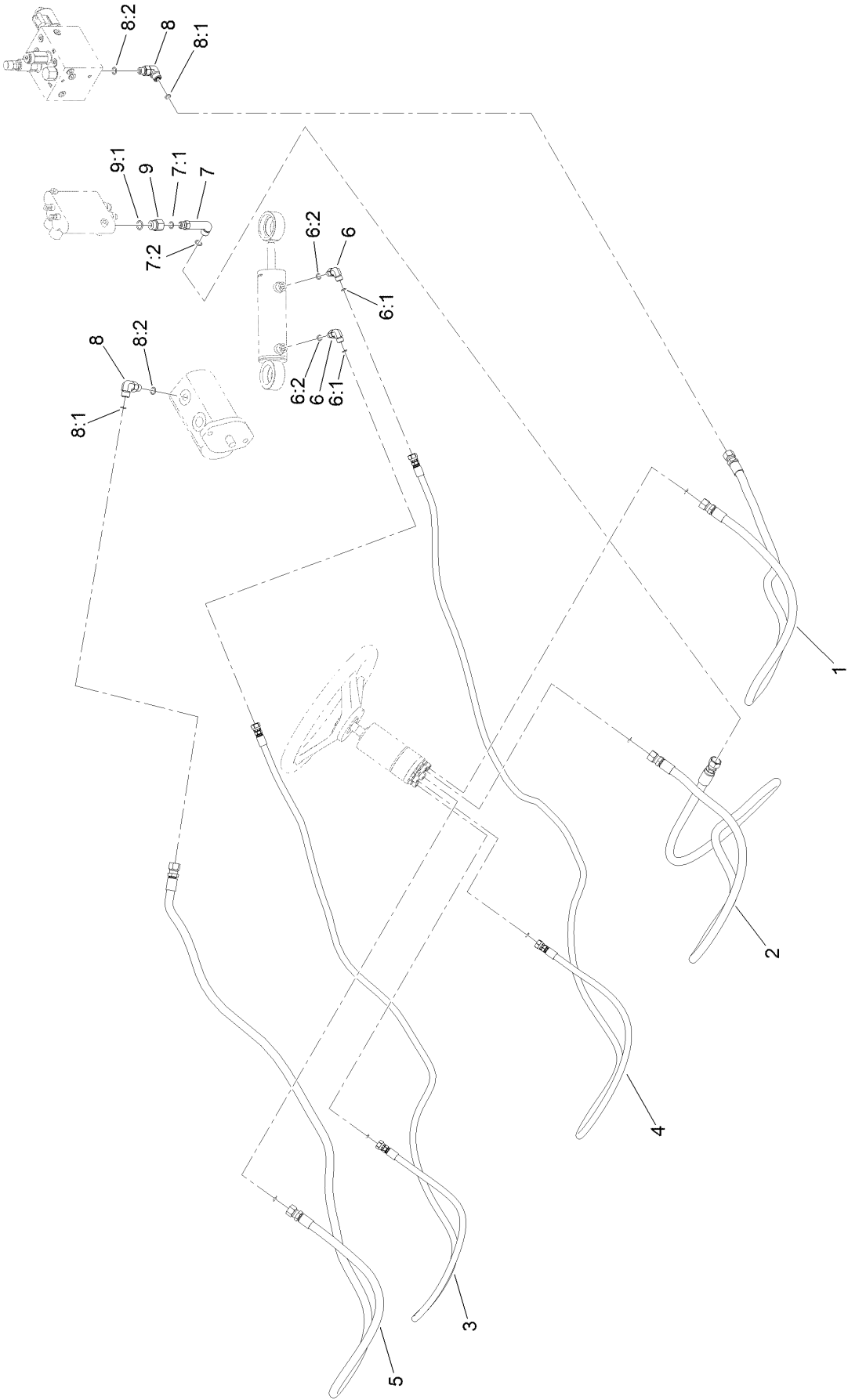
Lift Hydraulic Assembly



Lift Hydraulic 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	340-2	1	Fitting-Straight	7:1	237-22	2	O-Ring
1:1	237-22	1	O-Ring	8	85-9720	1	Fitting-STR, Orifice
1:2	237-42	1	O-Ring	8:1	237-78	1	O-Ring
2	340-70	2	Nut-Lock	8:2	237-21	1	O-Ring
3	340-77	1	Fitting-Elbow, 90 DEG	9	95-8838	1	Hose-HYD
3:1	237-22	1	O-Ring	10	340-132	1	Fitting-Elbow, 90 DEG
3:2	237-42	1	O-Ring	10:1	237-78	1	O-Ring
4	69-8970	2	Spacer	10:2	237-21	1	O-Ring
5	95-8790	1	Tube-HYD	11	95-8839	1	Hose-HYD
6	95-8791	1	Tube-HYD	12	69-8940	4	Washer
7	340-154	2	Union-Bulkhead	13	240-4	2	Grommet-Rubber

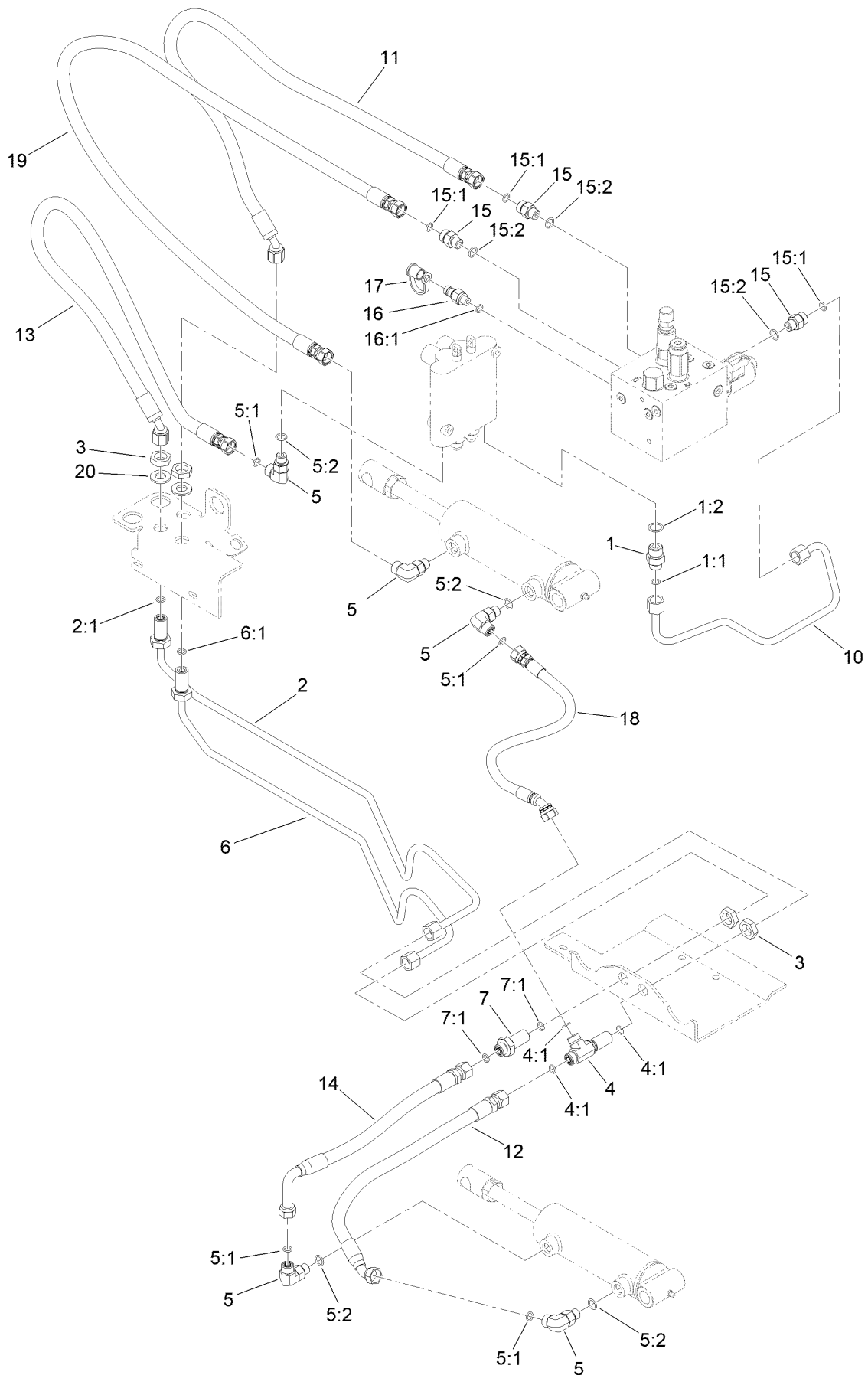
Steering Hydraulic Assembly



Steering Hydraulic 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	95-8842	1	Hose-HYD	7	69-4320	1	Fitting-HYD, 90 DEG
2	95-8843	1	Hose-HYD	7:1	237-22	1	O-Ring
3	100-4892	1	Hose-HYD	7:2	237-42	1	O-Ring
4	100-4893	1	Hose-HYD	8	340-77	2	Fitting-Elbow, 90 DEG
5	120-3542	1	Hose-ASM	8:1	237-22	1	O-Ring
6	340-132	2	Fitting-Elbow, 90 DEG	8:2	237-42	1	O-Ring
6:1	237-78	1	O-Ring	9	353-397	1	Reducer-Adapter
6:2	237-21	1	O-Ring	9:1	237-79	1	O-Ring

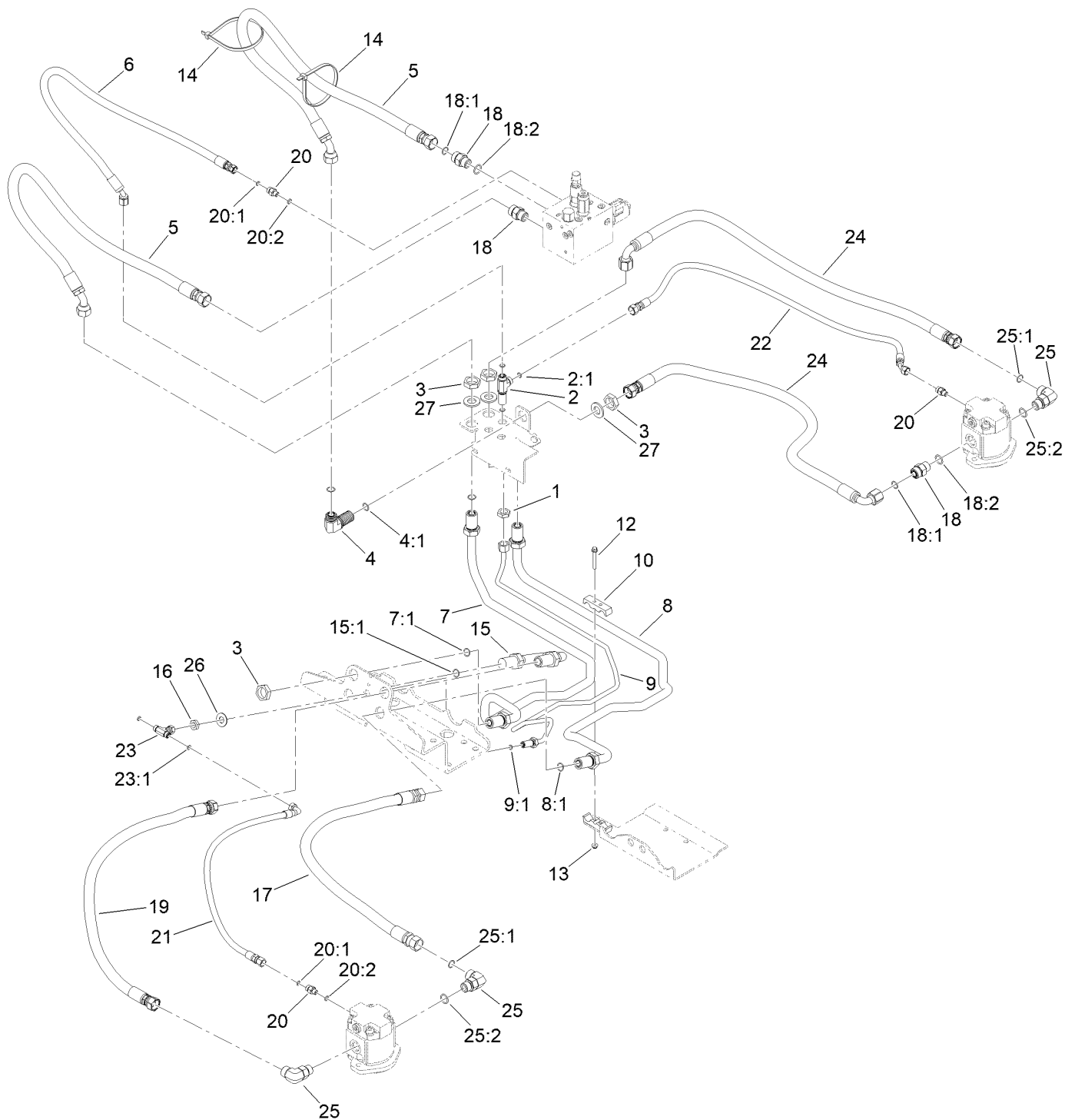
Sidewinder Hydraulic Assembly



Sidewinder Hydraulic 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	340-3	1	Fitting-Straight	10	100-4827	1	Tube-HYD
1:1	237-22	1	O-Ring	11	95-8822	1	Hose-HYD
1:2	237-79	1	O-Ring	12	104-0405	1	Hose-HYD
2	104-0402	1	Tube-HYD	13	95-8822	1	Hose-HYD
2:1	237-22	1	O-Ring	14	104-0406	1	Hose-HYD
3	340-70	4	Nut-Lock	15	340-2	3	Fitting-Straight
4	340-68	1	Fitting-Tee, Bulkhead	15:1	237-22	1	O-Ring
4:1	237-22	3	O-Ring	15:2	237-42	1	O-Ring
5	340-77	5	Fitting-Elbow, 90 DEG	16	354-77	1	Fitting-Quick
5:1	237-22	1	O-Ring	16:1	237-78	1	O-Ring
5:2	237-42	1	O-Ring	17	354-79	1	Cap-Dust
6	104-0403	1	Tube ASM	18	104-0407	1	Hose-HYD
6:1	237-22	1	O-Ring	19	100-4891	1	Hose-HYD
7	340-71	1	Fitting-Straight, Bulkhead	20	1278	2	Washer
7:1	237-22	2	O-Ring				

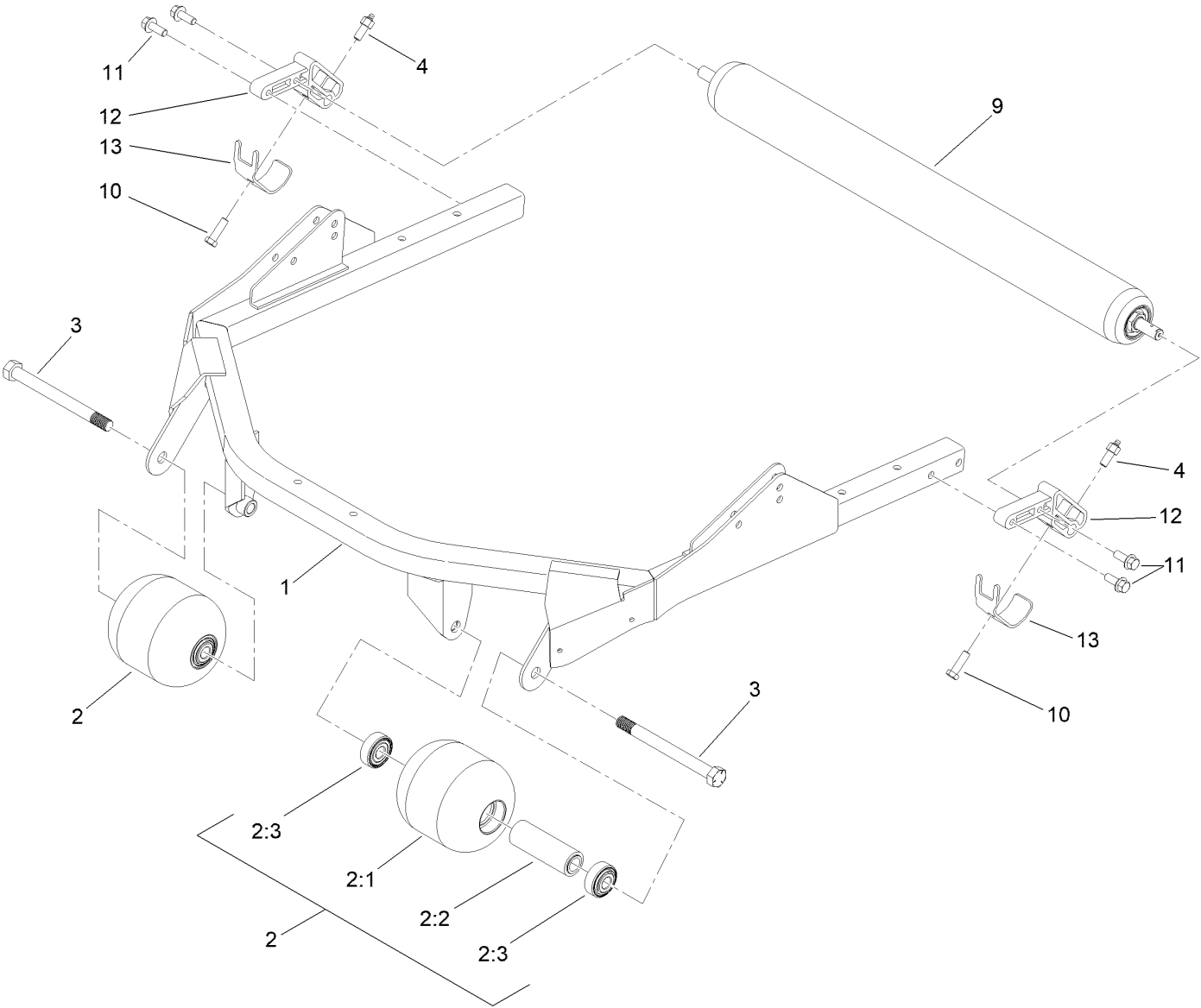
Hydraulic Mow Circuit Plumbing Assembly



Hydraulic Mow Circuit Plumbing 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	340-70	1	Nut-Lock	16	340-78	1	Nut-Lock
2	340-68	1	Fitting-Tee, Bulkhead	17	105-1216	2	Hose-HYD
2:1	237-22	3	O-Ring	18	340-7	3	Fitting-Straight
3	340-74	7	Nut-Lock, Bulkhead	18:1	237-65	1	O-Ring
4	340-72	1	Fitting-Bulkhead, 90 DEG	18:2	237-80	1	O-Ring
4:1	237-65	2	O-Ring	19	105-1215	2	Hose-HYD
5	100-4879	2	Hose-HYD	20	340-92	4	Fitting-Straight
6	115-3411	1	Hose-HYD	20:1	237-78	1	O-Ring
7	104-0401	1	Tube ASM	20:2	237-21	1	O-Ring
7:1	237-65	2	O-Ring	21	104-1080	2	Hose-HYD
8	104-0400	1	Tube ASM	22	100-4876	1	Hose-HYD
8:1	237-65	2	O-Ring	23	99-3477	1	Fitting-Tee
9	104-0404	1	Tube ASM	23:1	237-21	2	O-Ring
9:1	237-21	1	O-Ring	24	100-4880	2	Hose-HYD
10	99-3641	2	Clamp-Tube	25	340-17	5	Fitting-Elbow, 90 DEG
12	3234-34	2	Screw-HHF	25:1	237-65	1	O-Ring
13	104-7201	2	Nut-HF, NI	25:2	237-80	1	O-Ring
14	3334-945	2	Tie-Cable	26	69-8980	1	Washer
15	99-3640	1	Tube ASM	27	69-9010	3	Washer
15:1	237-65	2	O-Ring				

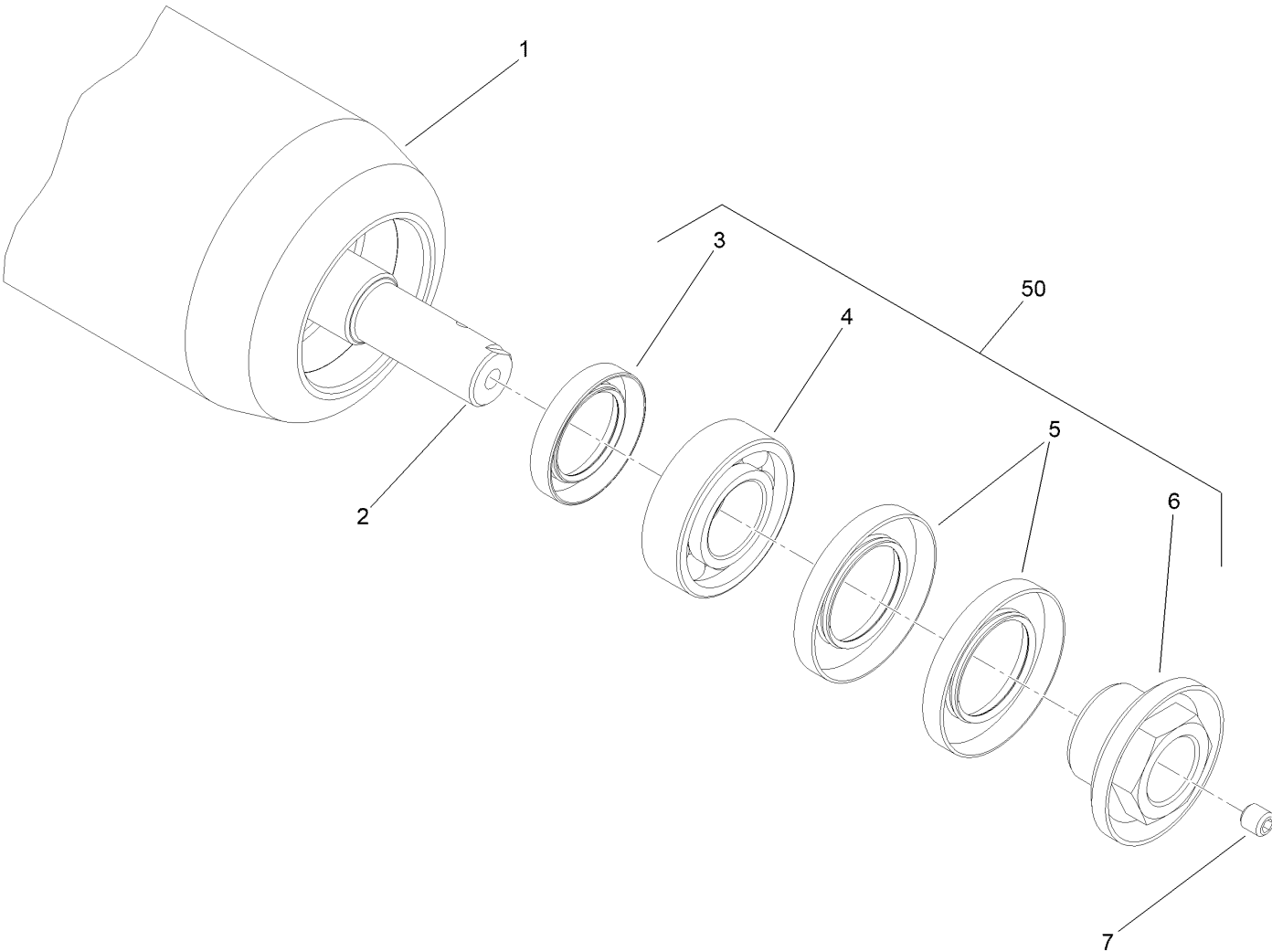
Roller and Carrier Frame Assembly



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

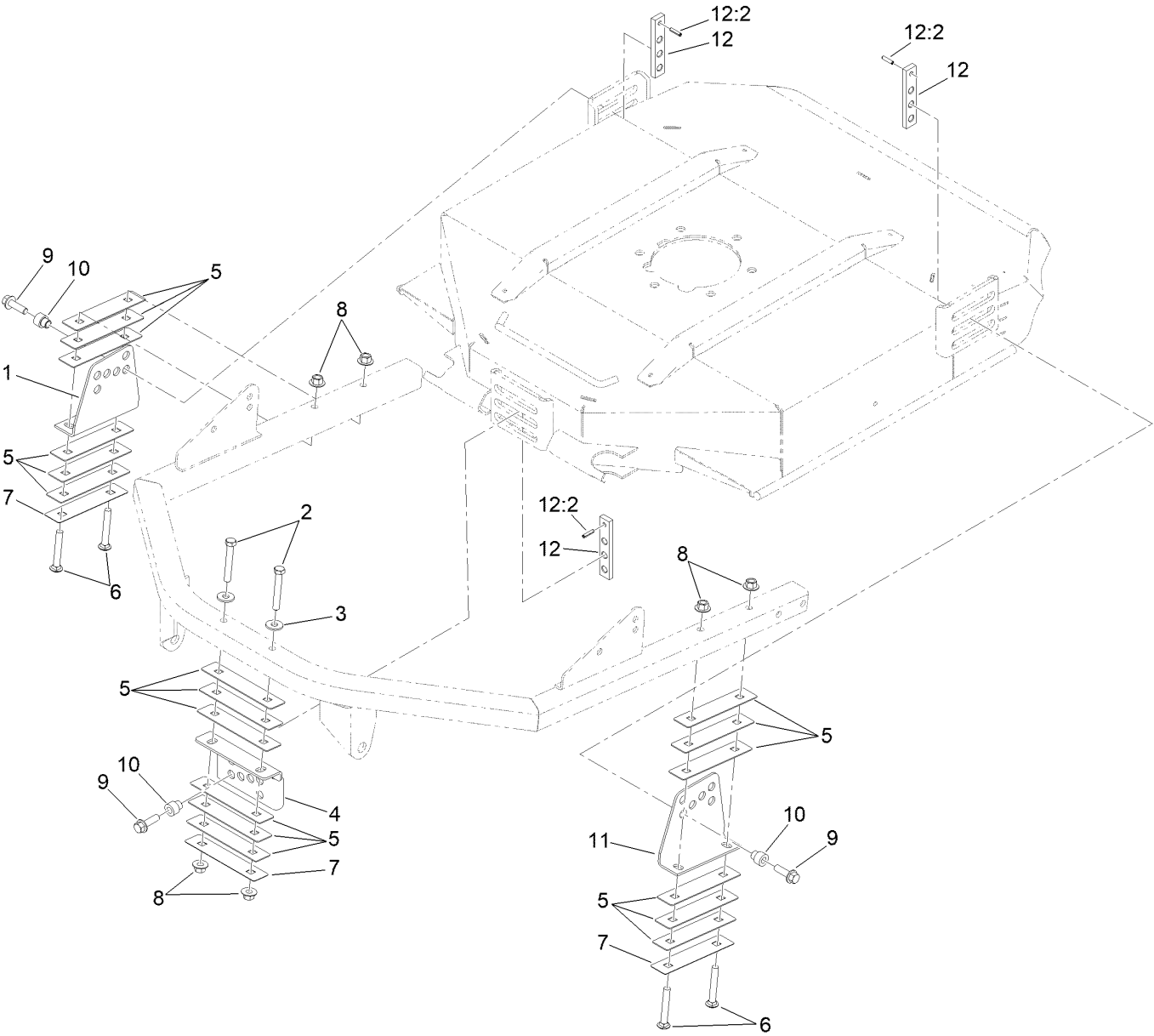
Rear Roller Assembly No. 137-6141



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	5	112-7494	4	Seal
2	117-5100	1	Shaft-Roller, Rear	6	114-5411	2	Nut-Lock, Bearing
3	114-3717	2	Seal-Oil	7	108-0989	2	Screw-Set
4	112-5290	2	Bearing-Steel, Stainless	50	114-5430	1	Roller Rebuild Kit

Height-of-Cut Bracket Assembly

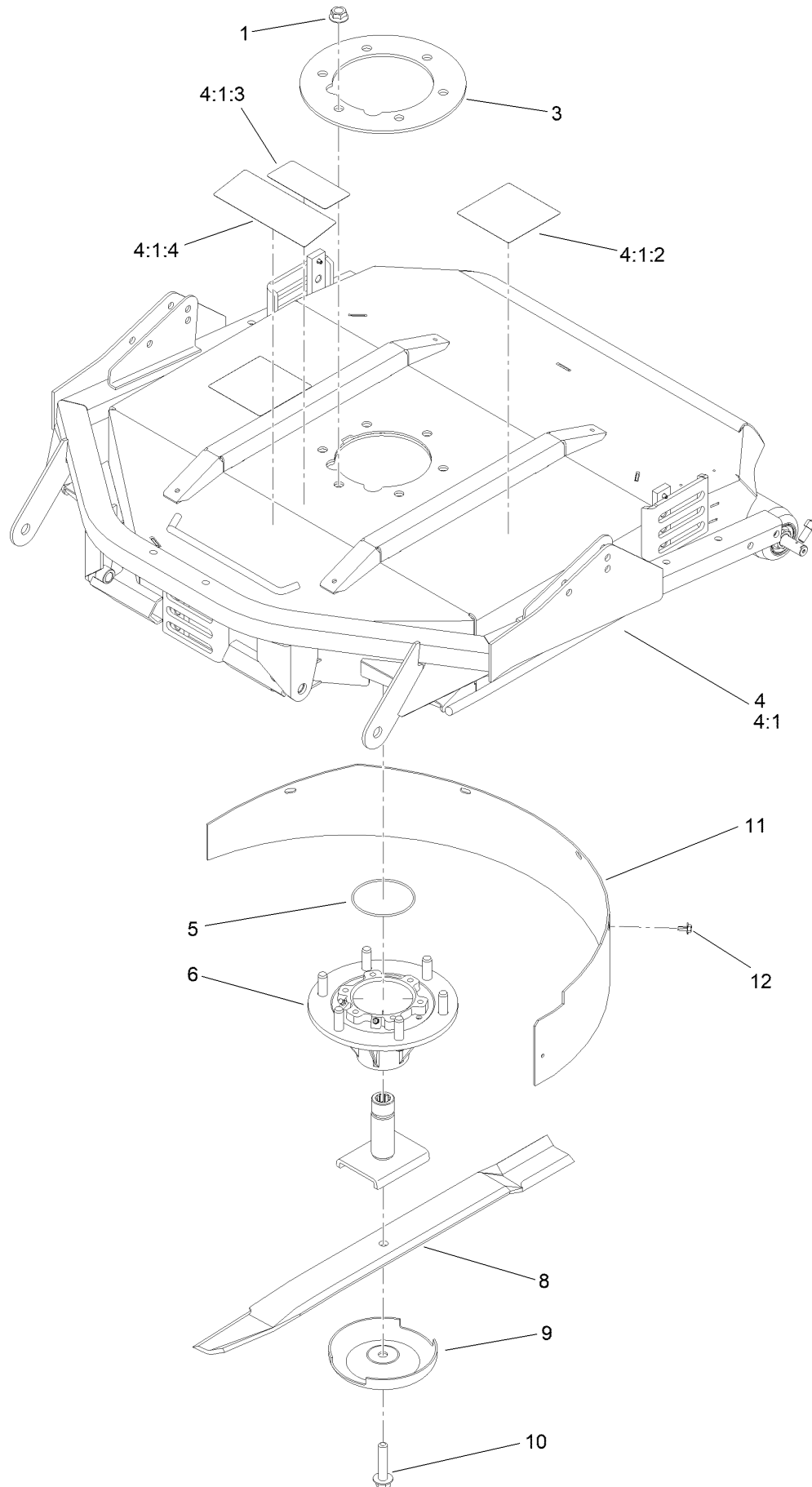


Height-of-Cut Bracket Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-5797-03	1	Bracket-HOC, RH
2	323-12	2	Screw-HH
3	80-6990	2	Washer-Hardened
4	104-1052-03	1	Bracket-HOC, Front
5	100-5799	18	Shim-HOC, .060 Inch
6	3231-9	4	Screw-CARR
7	104-4641	3	Shim-HOC, .030 Inch

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	32128-43	6	Nut-Flange
9	3234-24	3	Screw-HHF
10	121-3575	3	Spacer-HOC
11	104-4624-03	1	Bracket-HOC, LH
12	136-2921	3	HOC Plate ASM
12:2	32121-5	1	Pin-Spring

Chamber, Blade and Spindle Assembly

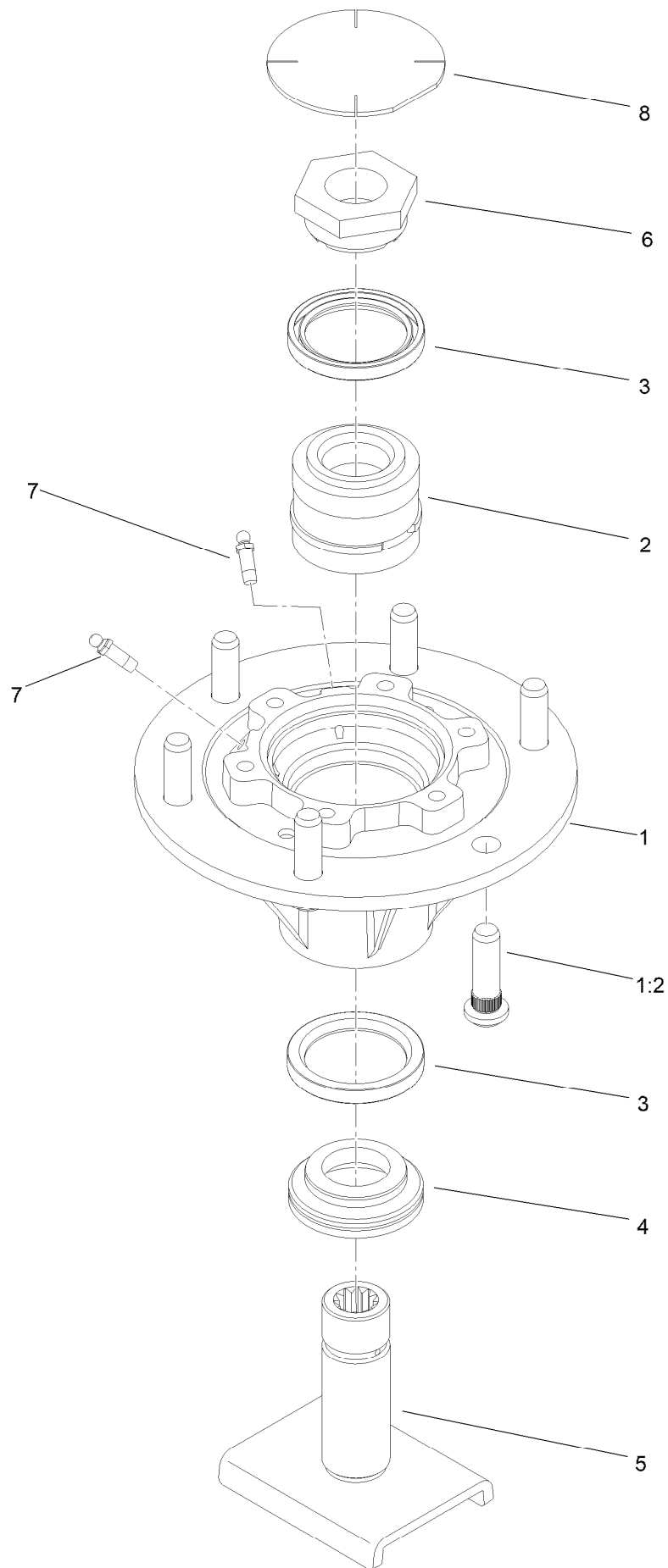


Chamber, Blade and Spindle Assembly (continued)

<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

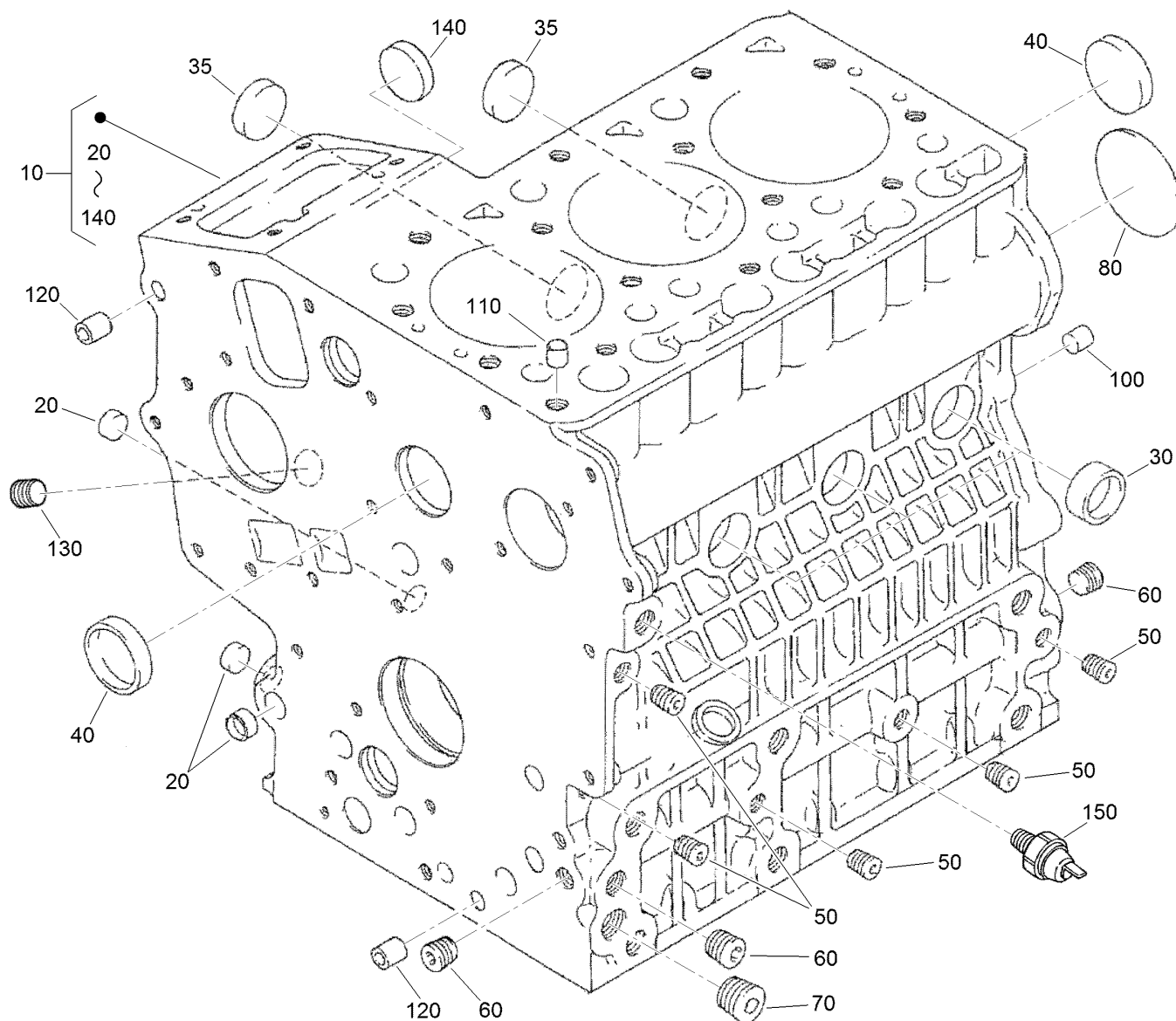
Spindle Assembly No. 121-3666



Spindle Assembly No. 121-3666 (continued)

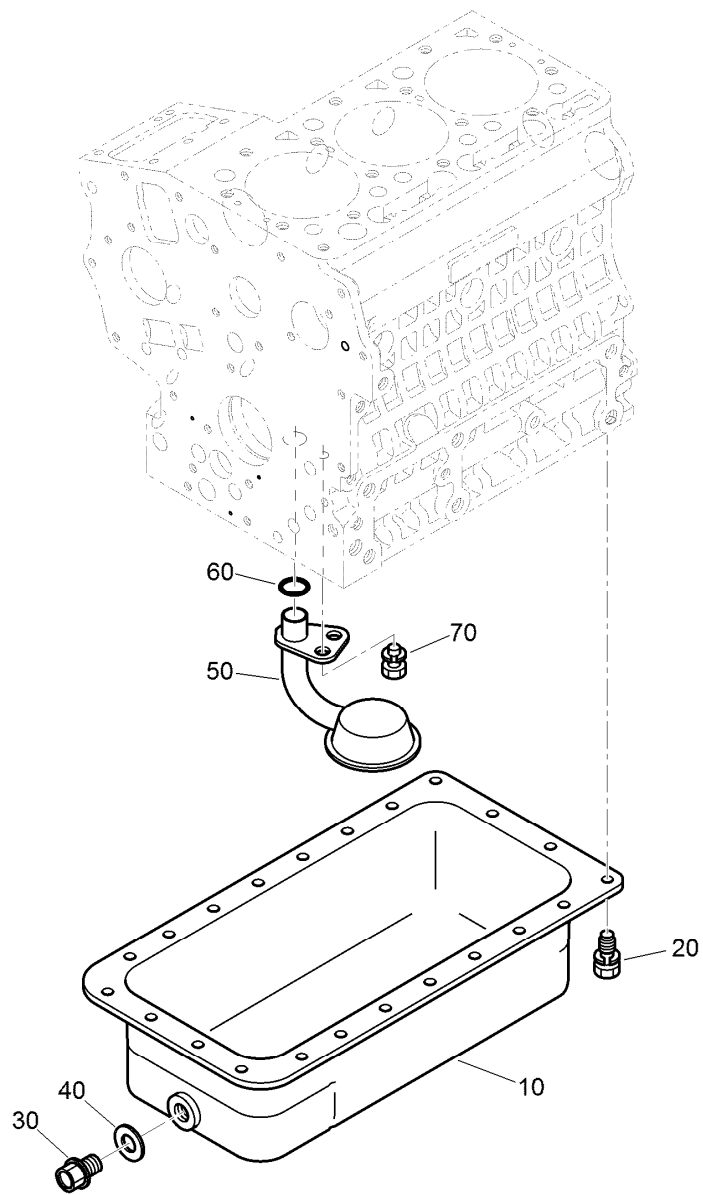
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-3434	1	Spindle
1:2	10-6830	6	Stud-Type, Drive
2	100-5703	1	Spacer And Bearing ASM
3	253-154	2	Seal-Oil
4	138-6416	1	Spacer-Spindle, Shaft

<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



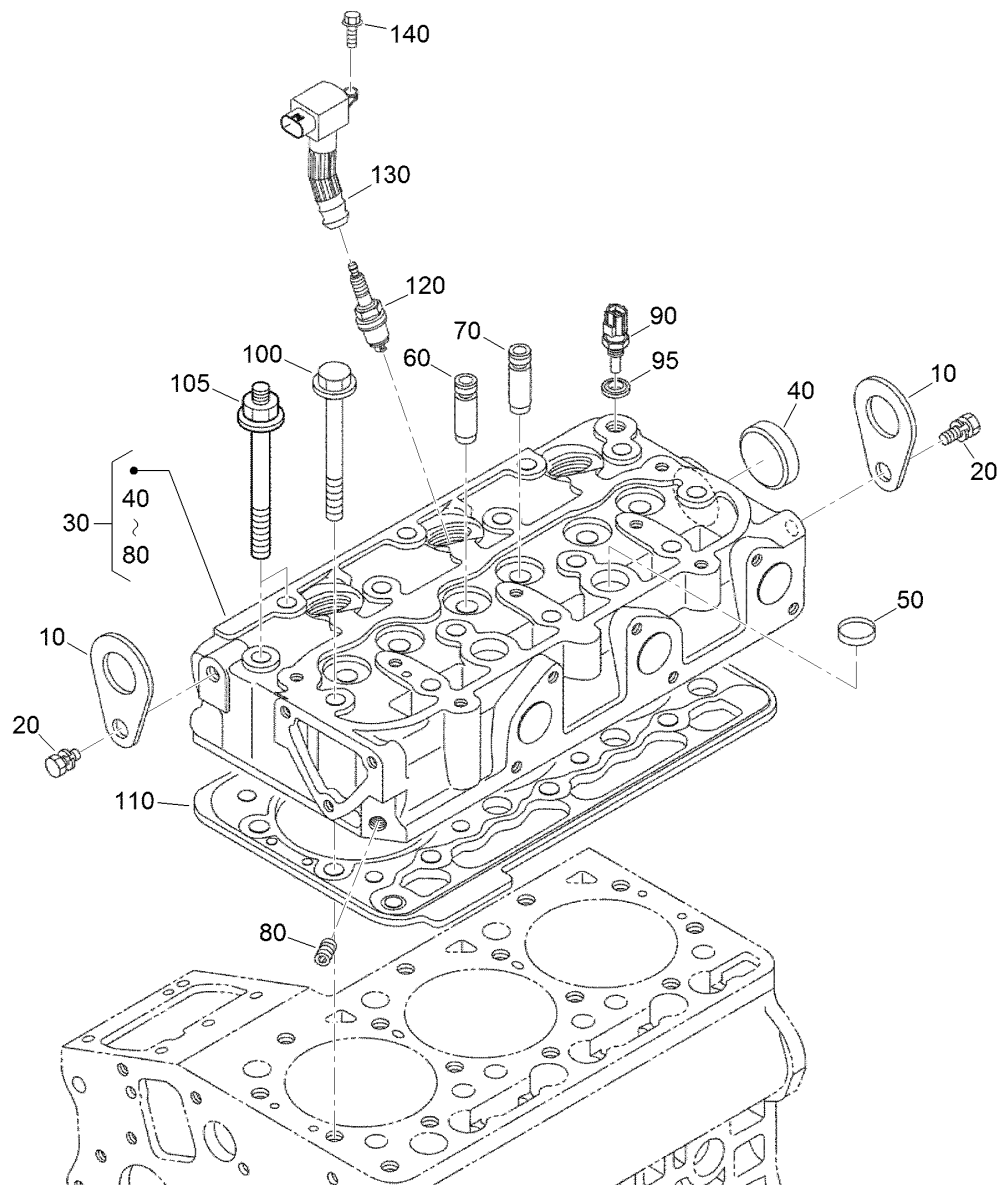
Crankcase Assembly

Ref.	Part Number	Qty.	Description
10	125-9061	1	Crankcase ASM
20	100-2019	3	Cap-Sealing
30	100-2020	3	Cap-Sealing
35	110-3702	2	Cap-Sealing
40	98-9398	2	Cap-Sealing
50	98-9687	5	Plug
60	98-7487	3	Plug
70	98-7488	1	Plug
80	100-1851	1	Plug-Expansion
100	98-9377	2	Pin-Straight
110	98-7506	1	Pin-Pipe
120	100-2051	2	Pin-Pipe
130	98-7488	1	Plug
140	100-1991	1	Cover-Fuel, Camshaft
150	98-9416	1	Switch-Oil



Oil Pan Assembly

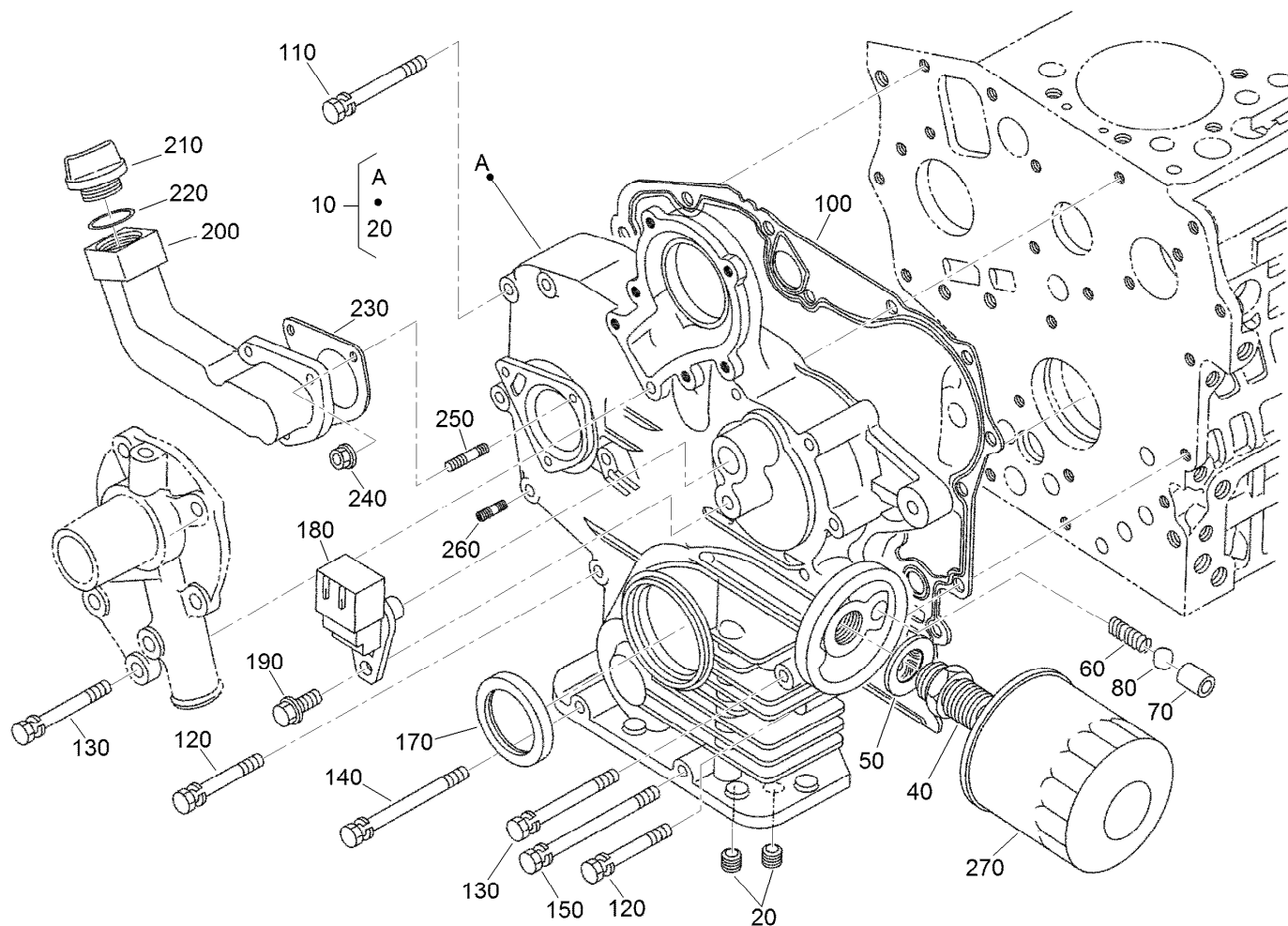
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	125-9056	1	Oil Pan ASM
20	98-9350	22	Bolt
30	114-8151	1	Plug-Drain
40	98-7524	1	Gasket
50	125-9052	1	Tube-Pick Up, Oil
60	105-3776	1	O-Ring
70	100-9195	1	Bolt



Cylinder Head Assembly

Ref.	Part Number	Qty.	Description
10	98-7531	2	Hook-Engine
20	98-7526	2	Bolt
30	125-9119	1	Cylinder Head ASM
40	105-3705	1	Cap-Sealing
50	98-9389	2	Cap-Sealing
60	100-1882	3	Guide-Valve, Inlet
70	100-1883	3	Guide-Valve, Exhaust
80	98-7540	1	Plug

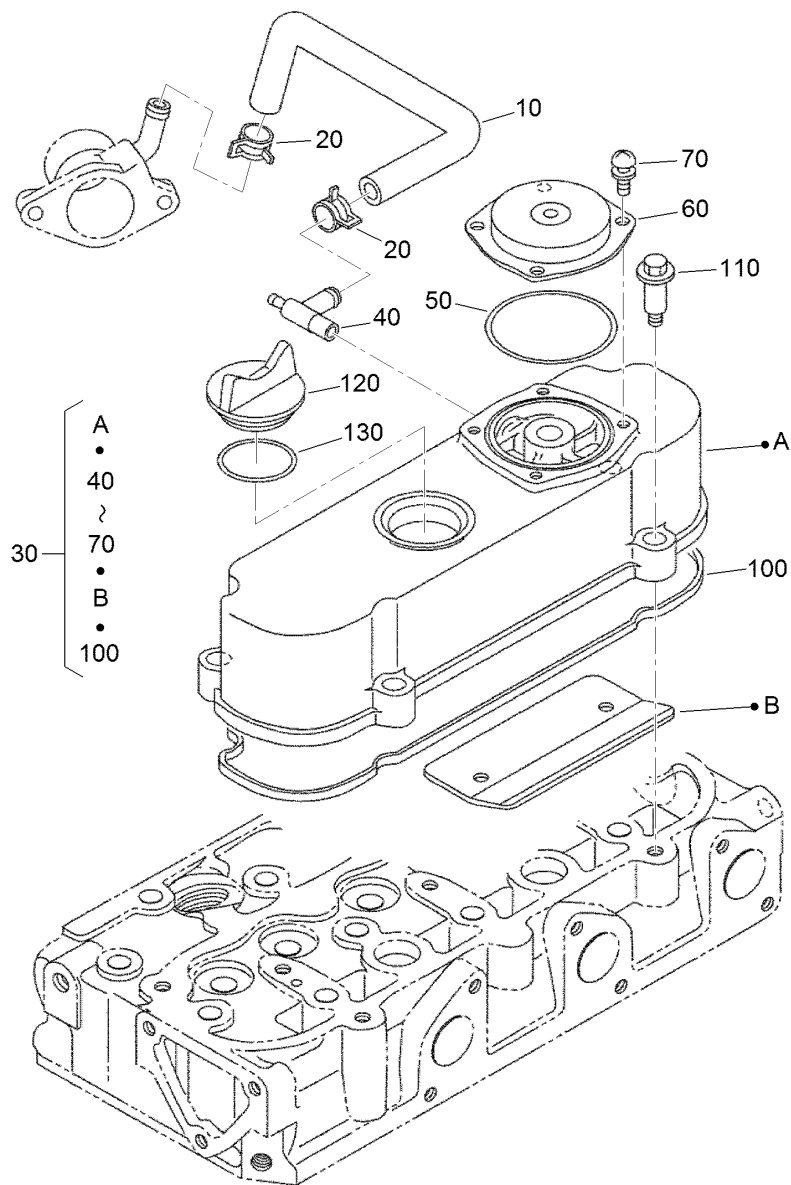
Ref.	Part Number	Qty.	Description
90	125-9102	1	Sensor-Temperature, Water
95	125-9096	1	Gasket
100	100-1820	12	Bolt-Head, Cylinder
105	127-1600	2	Bolt-Head, Cylinder
110	125-9113	1	Gasket-Head
120	125-9139	3	Spark Plug
130	125-9145	3	Coil-Ignition
140	99-8363	3	Bolt-Flange



Gear Case and Oil Filter Cartridge Assembly

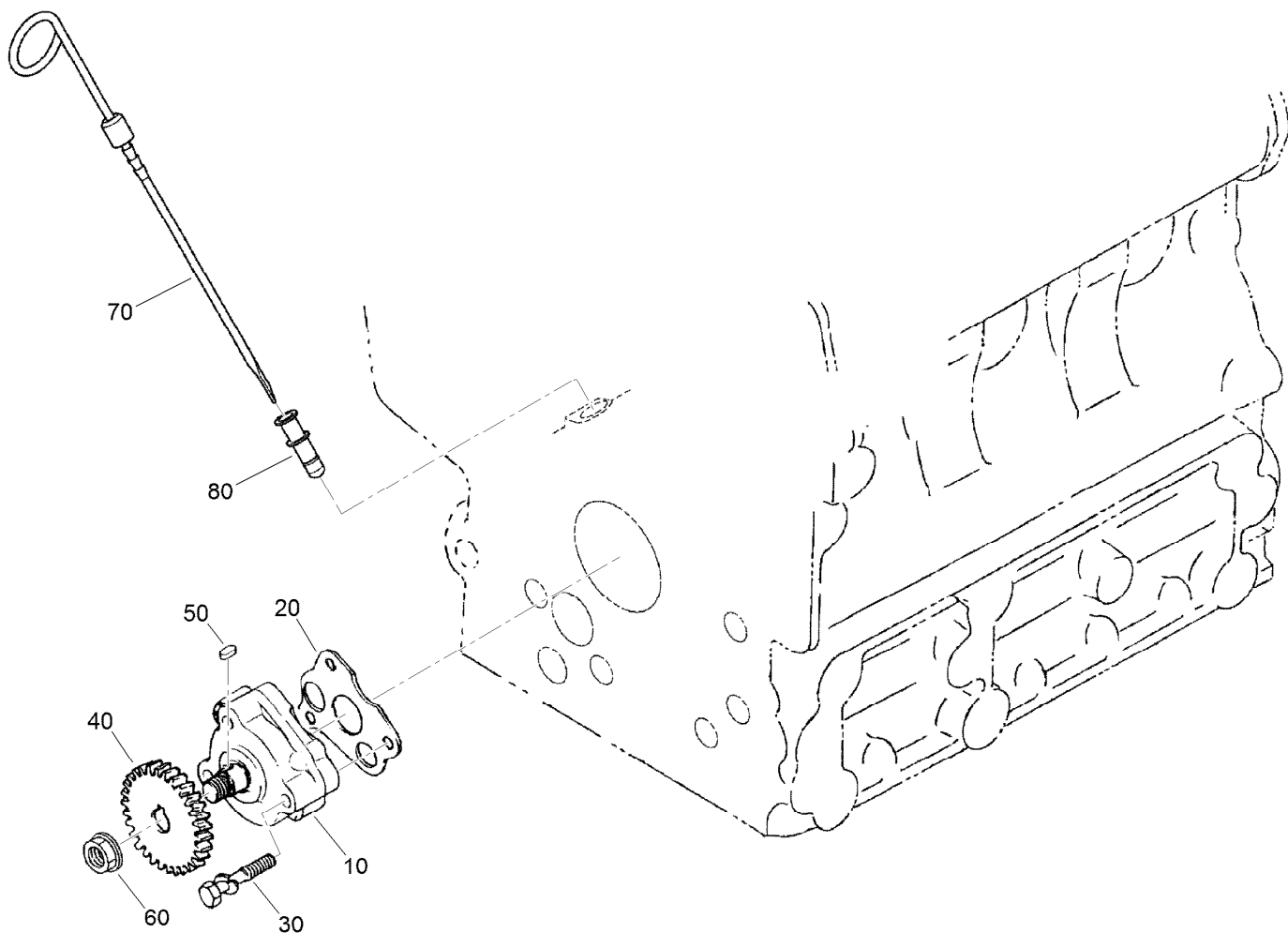
Ref.	Part Number	Qty.	Description
10	125-9151	1	Gear Case ASM
20	98-7488	1	Plug
40	98-9388	1	Joint-Pipe
50	100-1926	1	Washer-Plain
60	100-2004	1	Spring
70	100-1894	1	Seat-Valve
80	100-1792	1	Ball
100	117-0327	1	Gasket-Case, Gear
110	99-8320	1	Bolt
120	98-9356	9	Bolt
130	100-1922	3	Bolt
140	98-9357	1	Bolt

Ref.	Part Number	Qty.	Description
150	110-3710	1	Bolt
170	120-7852	1	Seal-Oil
180	125-9142	1	Sensor
190	99-8363	1	Bolt-Flange
200	127-1601	1	Flange-Filler, Oil
210	127-1602	1	Plug-Filler, Oil
220	127-1603	1	O-Ring
230	100-2062	1	Gasket
240	100-2203	3	Nut-Flange
250	100-1924	1	Stud
260	98-7571	3	Stud
270	115-8189	1	Filter-Oil, Engine



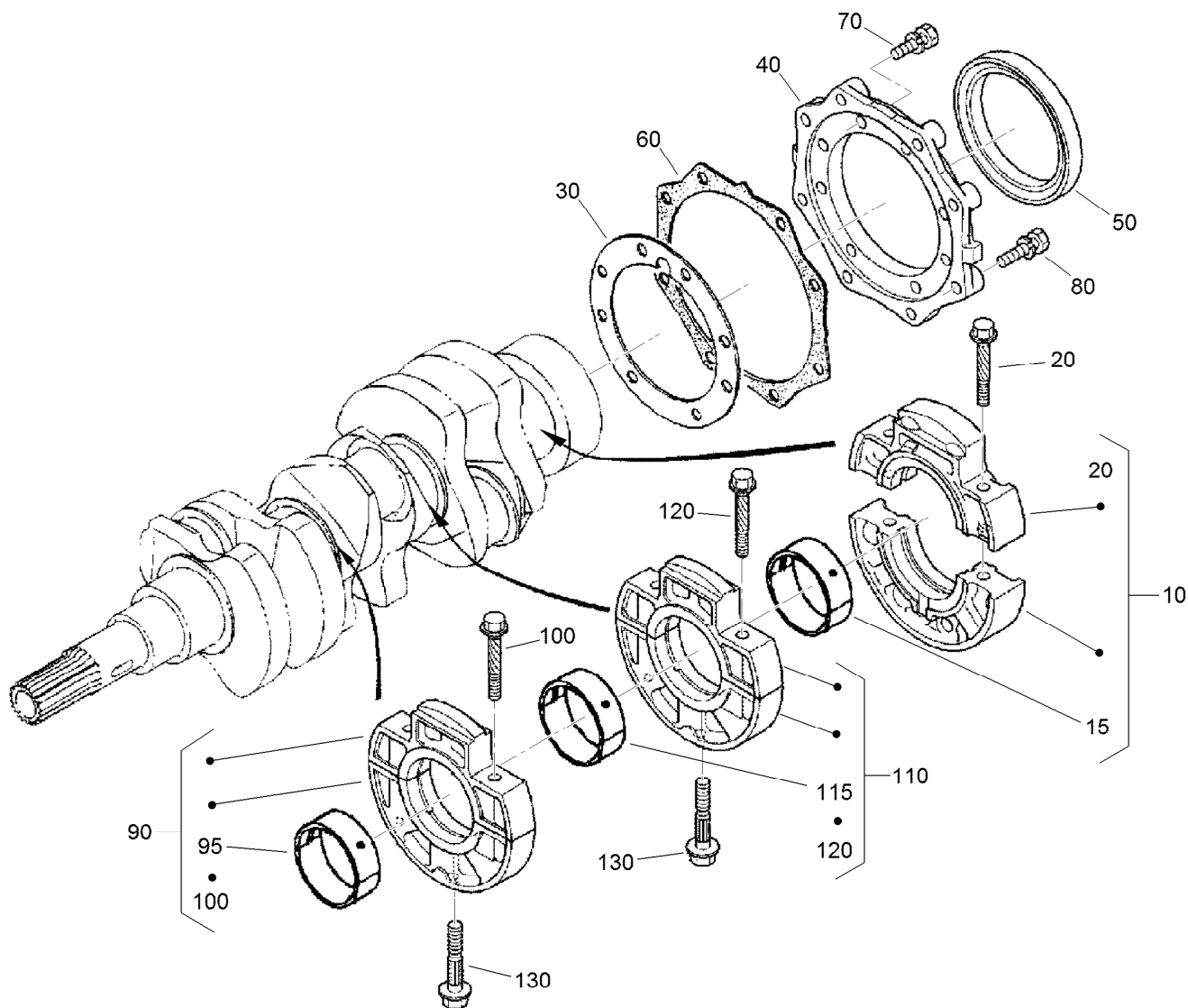
Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	125-9120	1	Tube-Breather
20	98-9579	2	Band-Pipe
30	125-9129	1	Cylinder Head Cover ASM
40	125-9117	1	Pipe-Breather
50	110-3846	1	O Ring-Breather
60	108-7060	1	Cover-Breather
70	98-9364	4	Screw (With Washer)
100	125-9130	1	Gasket-Cover, Head
110	108-7063	4	Bolt
120	107-9075	1	Plug-Filler, Oil
130	99-3446	1	O-Ring



Oil Pump, Dipstick and Guide Assembly

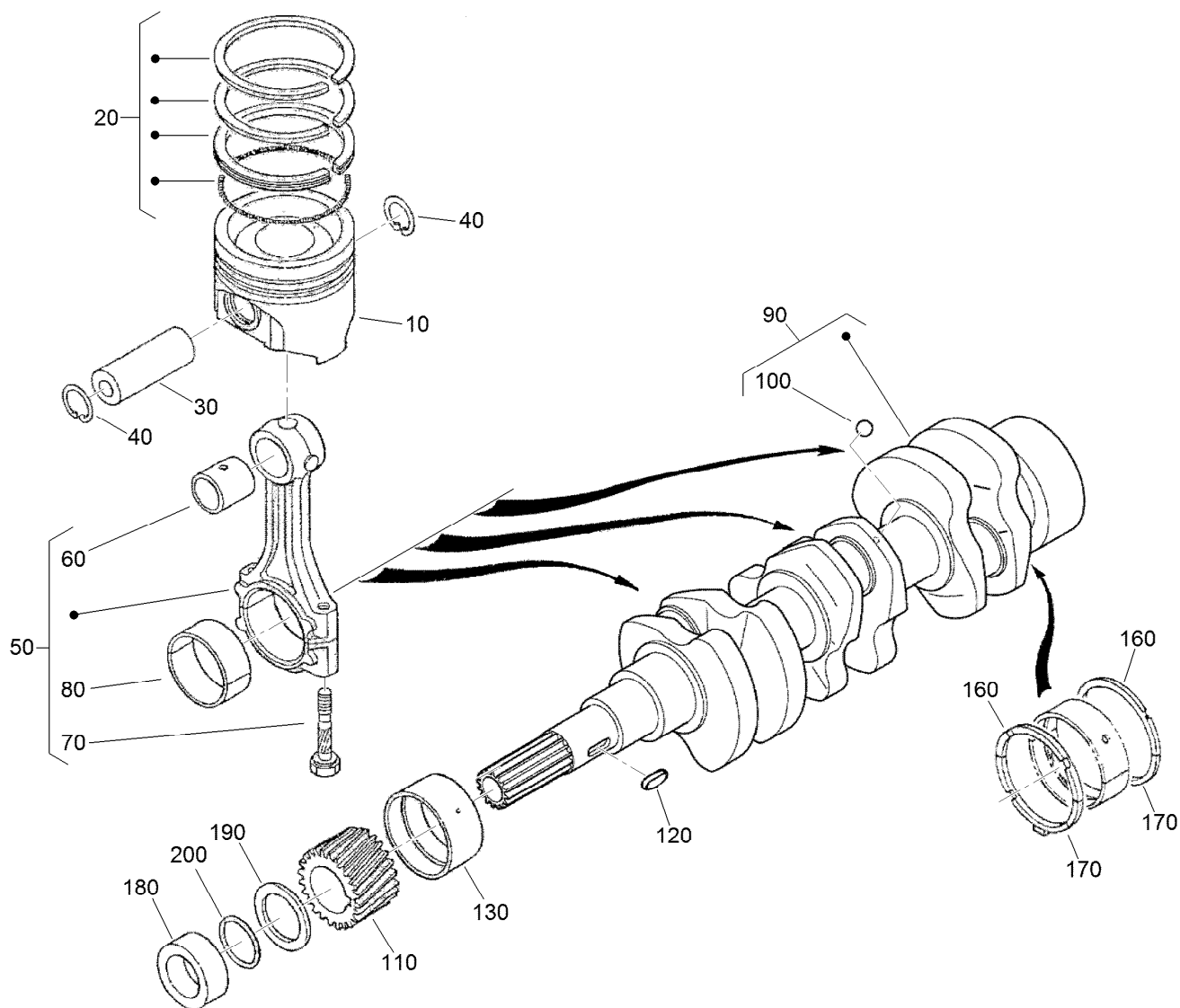
Ref.	Part Number	Qty.	Description
10	100-2002	1	Oil Pump ASM
20	100-2003	1	Gasket-Pump, Oil
30	100-1923	3	Bolt
40	130-1419	1	Gear-Drive, Oil Pump
50	98-7658	1	Key-Feather
60	100-1779	1	Nut-Flange
70	110-3719	1	Gauge-Oil
80	105-4580	1	Guide-Gauge, Oil



Main Bearing Case Assembly

Ref.	Part Number	Qty.	Description
10	121-2426	1	Bearing Case Wheel ASM
15	110-3744	1	Crankshaft Metal ASM (STD)
15	110-3745	1	Crankshaft Metal ASM (-0.20MM)
15	110-3746	1	Crankshaft Metal ASM (-0.40MM)
20	110-3723	2	Bolt-Case, Bearing
30	100-1873	1	Gasket-Case, Bearing
40	112-8334	1	Cover-Case, Bearing
50	110-3724	1	Seal-Oil
60	100-1876	1	Gasket-Cover, Case
70	98-7568	8	Bolt
80	100-1750	8	Bolt
90	110-3725	1	Main Bearing Case ASM
95	110-3741	1	Crankshaft Metal ASM (STD)

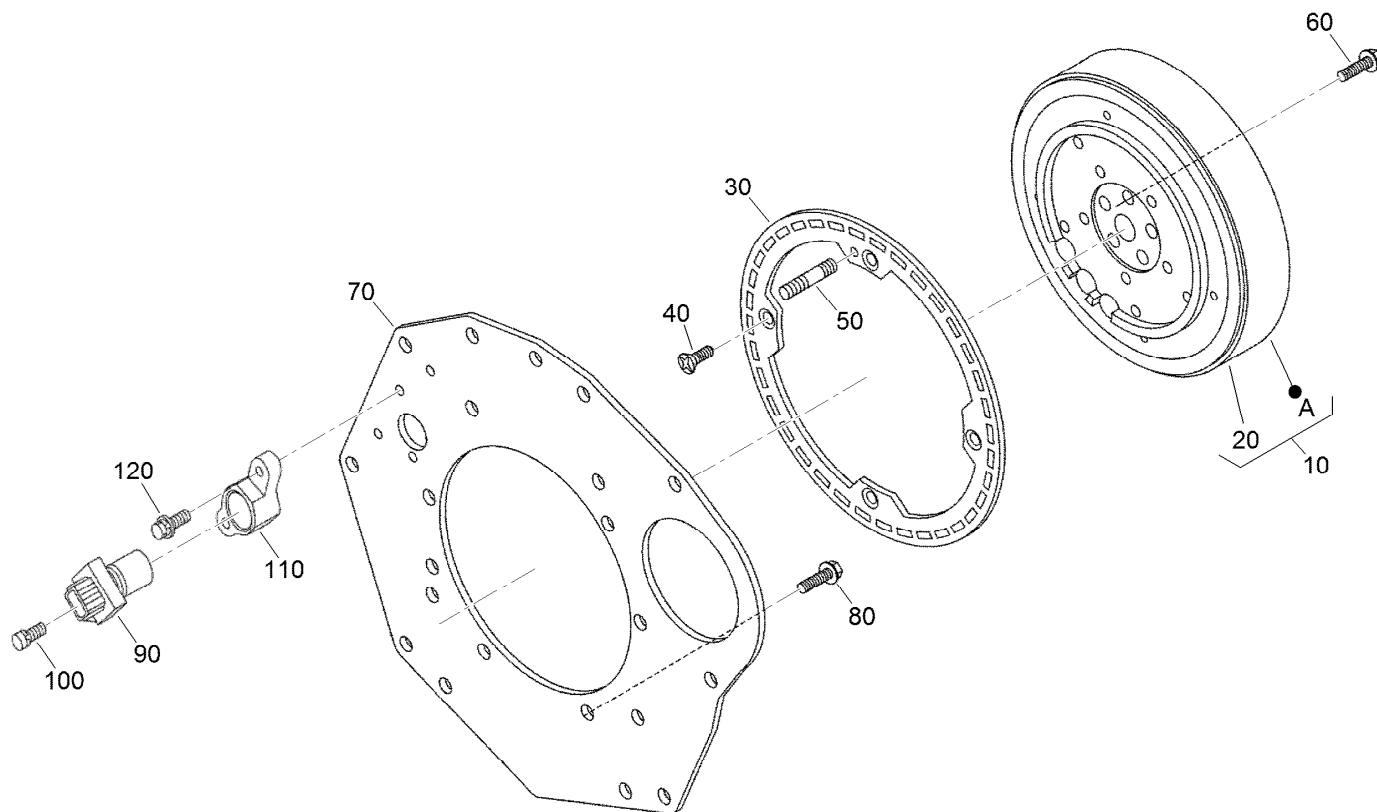
Ref.	Part Number	Qty.	Description
95	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
95	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
100	110-3723	2	Bolt-Case, Bearing
110	110-3725	1	Main Bearing Case ASM
115	110-3741	1	Crankshaft Metal ASM (STD)
115	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
115	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
120	110-3723	2	Bolt-Case, Bearing
130	100-1874	2	Bolt-Case, Bearing



Piston and Crankshaft Assembly

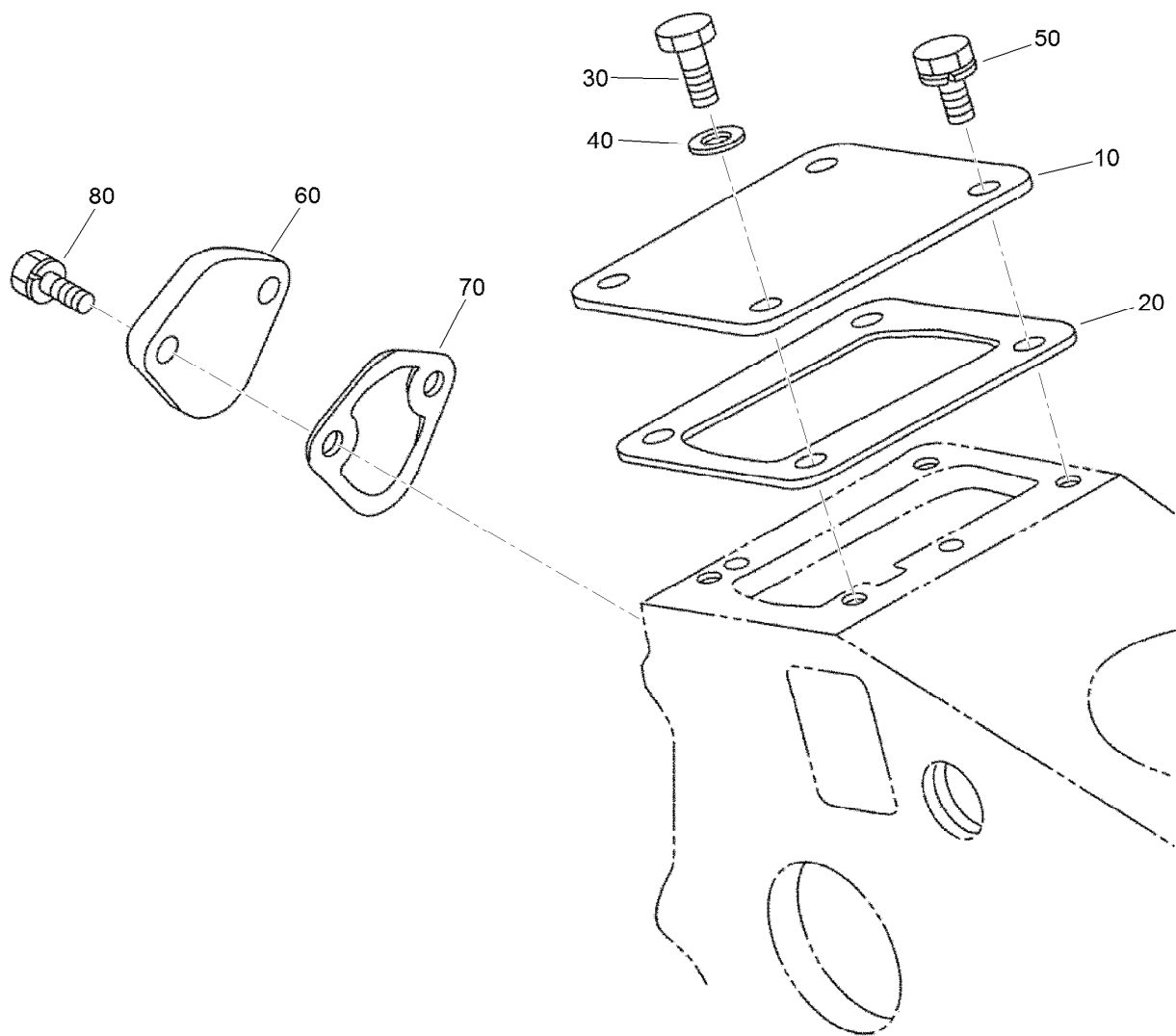
Ref.	Part Number	Qty.	Description
10	125-9115	3	Piston (STD)
10	125-9116	3	Piston (+0.50Mm)
20	125-9134	3	Piston Ring ASM (STD)
20	125-9135	3	Piston Ring ASM (+0.50Mm)
30	110-3734	3	Pin-Piston
40	100-1835	6	Circlip-Internal
50	125-9070	3	Connecting Rod ASM
60	110-3736	3	Bushing-Pin, Piston
70	100-1999	6	Bolt-Rod, Connecting
80	100-2000	3	Metal-Crankpin (STD)
80	100-1942	3	Metal-Crankpin (-0.20Mm)
80	100-1943	3	Metal-Crankpin (-0.40Mm)
90	117-0308	1	Crankshaft
100	100-1791	3	Ball

Ref.	Part Number	Qty.	Description
110	100-1891	1	Gear-Crankshaft
120	100-1752	1	Key-Feather
130	110-3738	1	Metal-Crankshaft (STD)
130	121-2424	1	Metal-Crankshaft (-.20MM)
130	110-3740	1	Metal-Crankshaft (-0.40MM)
160	100-1836	2	Metal-Side (STD)
160	121-3847	2	Metal-Side (+.20MM)
160	100-1839	2	Metal-Side (+0.40MM)
170	117-0309	2	Metal-Side (STD)
170	121-2428	2	Metal-Side (+.20MM)
170	100-1841	2	Metal-Side (+0.4MM)
180	100-1890	1	Collar-Crankshaft
190	100-1974	1	Slinger-Oil
200	100-2209	1	O-Ring



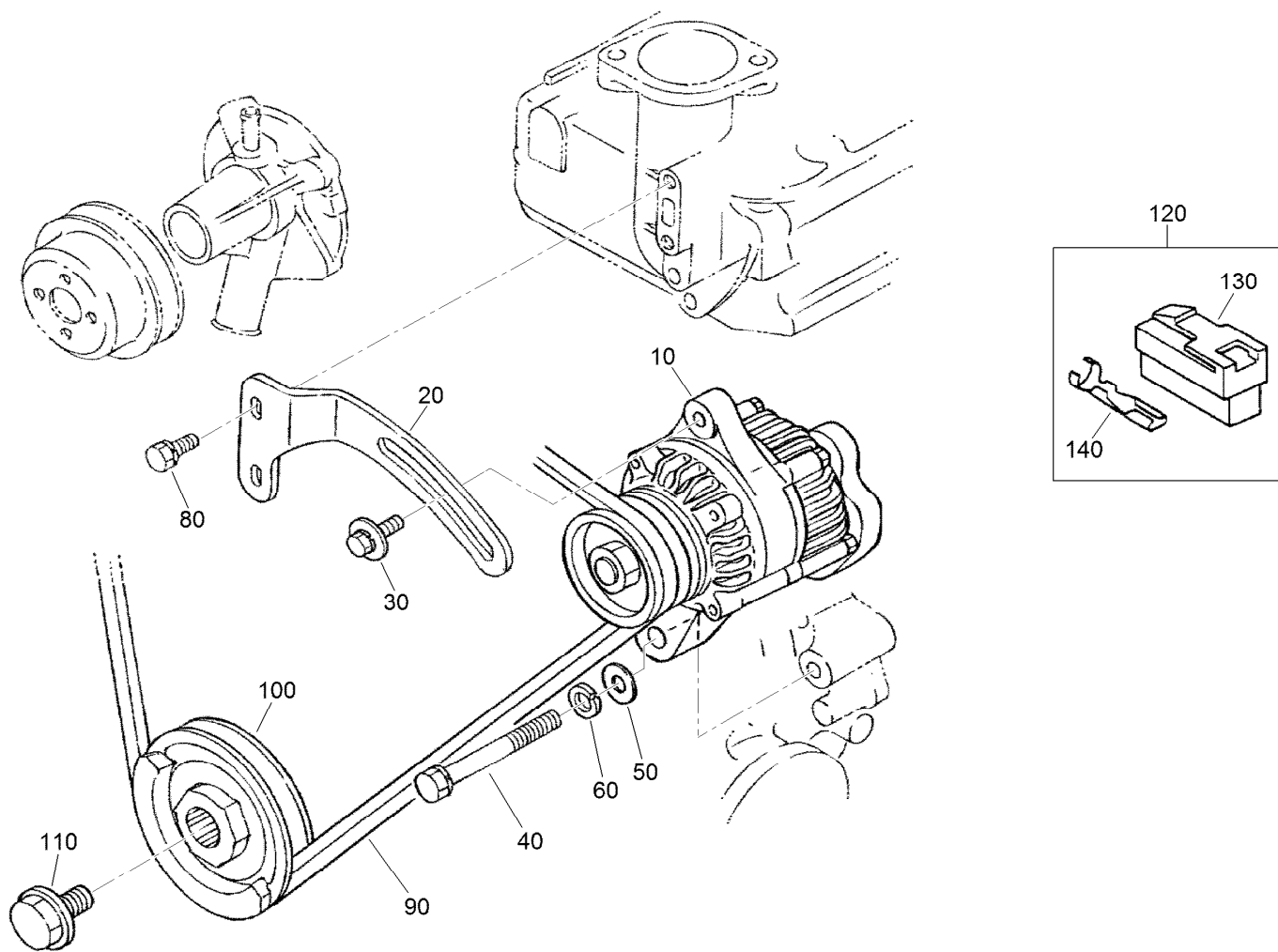
Flywheel and Sensor Switch Assembly

Ref.	Part Number	Qty.	Description
10	125-9153	1	Flywheel ASM
20	127-1604	1	Gear-Ring
30	127-1605	1	Rotor
40	127-0407	4	Screw-Head, Flat
50	127-0412	1	Pin-Straight
60	125-9051	5	Bolt-Flywheel
70	145-2653	1	Rear End Plate Replacement Kit
80	110-3754	10	Bolt
90	125-9103	1	Sensor Stick ASM
100	125-9094	1	Bolt-Flange
110	125-9144	1	Holder-Sensor
120	108-2873	1	Bolt-Flange



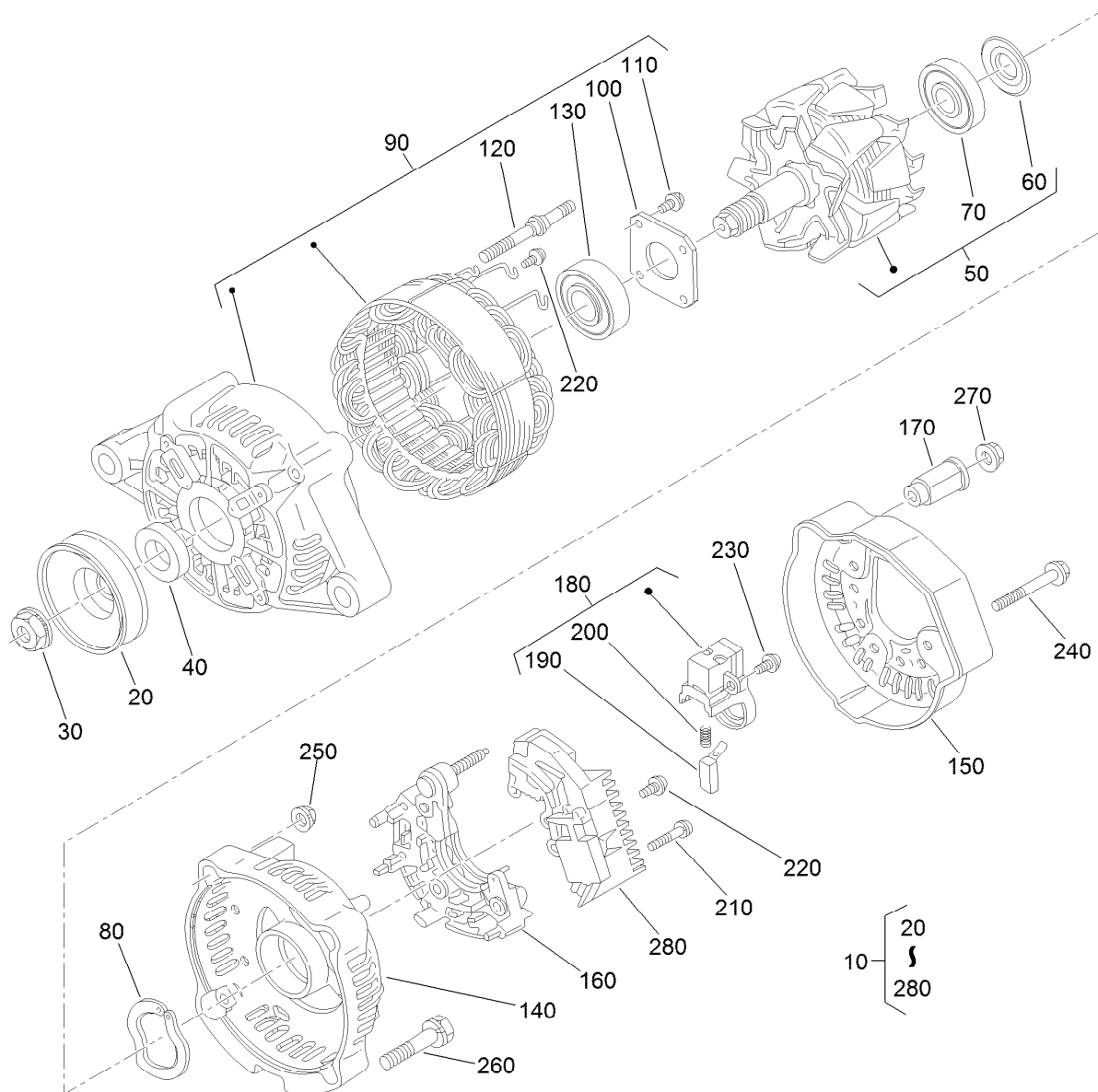
Injection and Fuel Pump Covers Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	125-9098	1	Cover
20	125-9105	1	Gasket
30	99-8348	1	Bolt
40	98-7654	1	Gasket
50	98-9350	3	Bolt
60	99-3514	1	Cover
70	98-9636	1	Gasket-Pump, Fuel
80	98-7692	2	Bolt



Alternator and Pulley Assembly

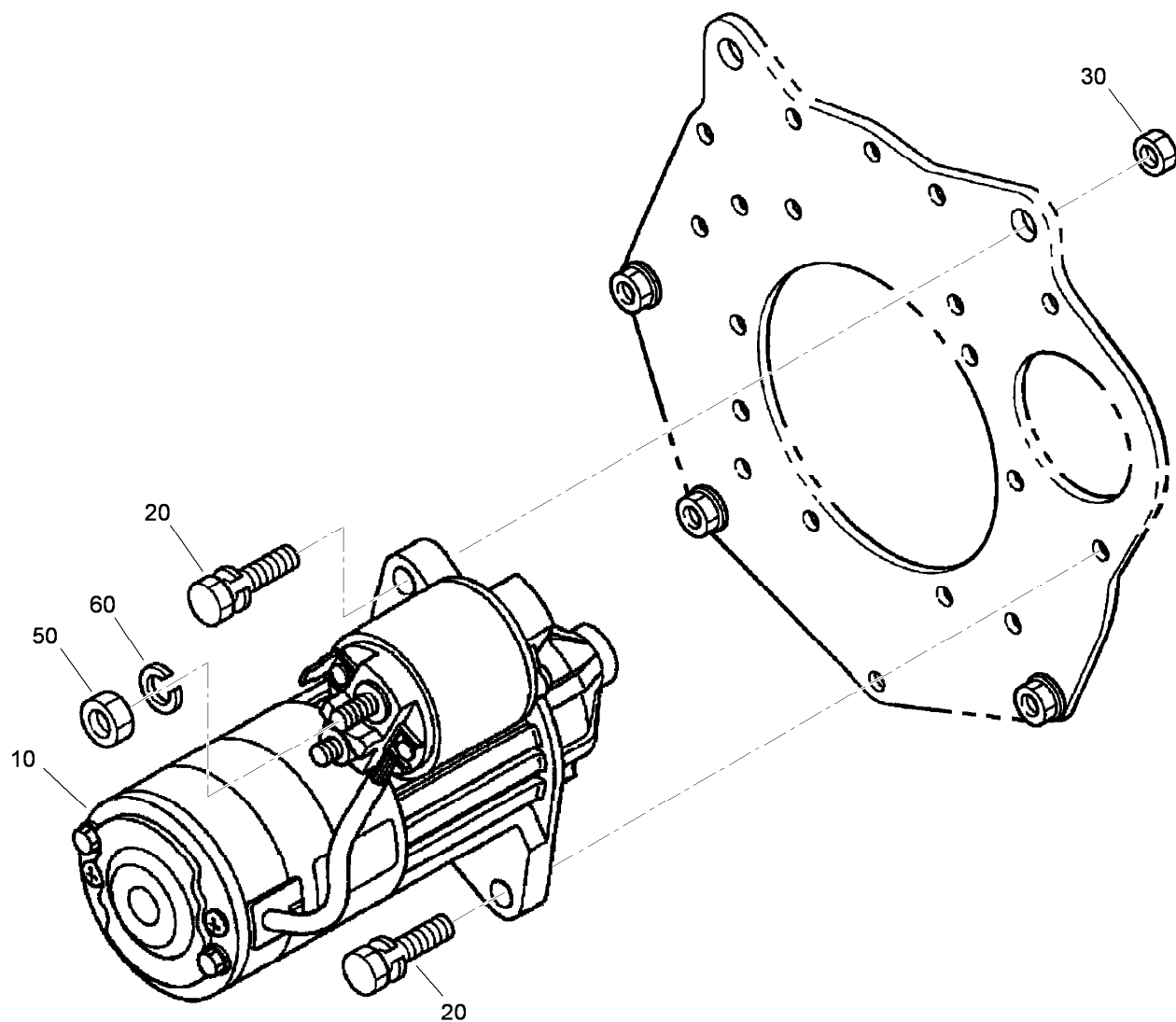
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	117-0314	1	Stay-Alternator
30	121-2413	1	Bolt
40	125-9091	1	Bolt-Hex
50	120-5832	1	Washer-Plain
60	105-2893	1	Washer-Spring
80	98-7692	2	Bolt
90	100-1979	1	V-Belt
100	125-9154	1	Pulley-Drive, Fan
110	100-1978	1	Bolt
120	110-3796	1	Belt-V
130	98-9698	1	Connector
140	98-9699	2	Terminal



Alternator Components Assembly

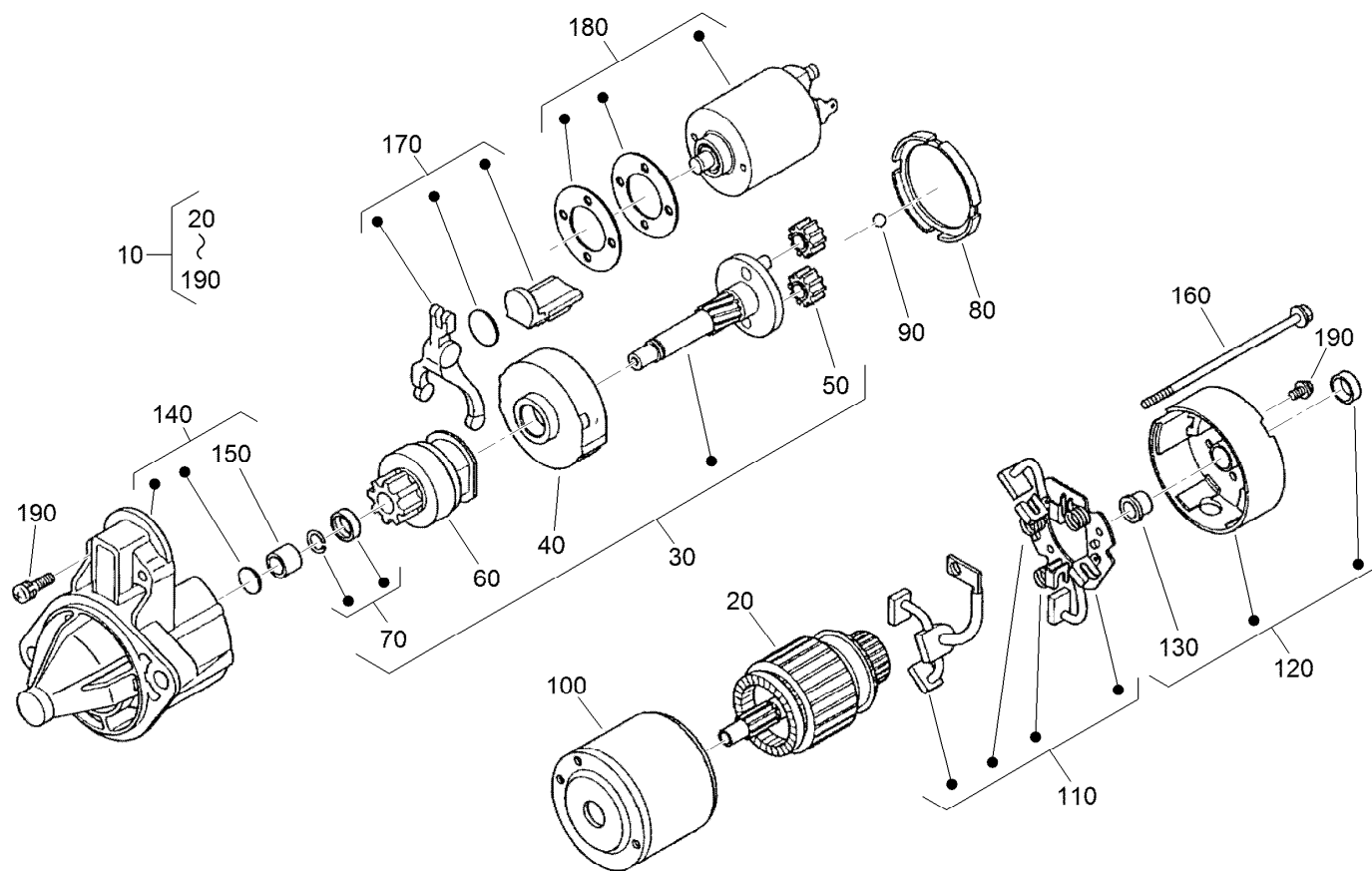
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	133-2811	1	Bearing
140	107-9087	1	Frame-End

Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



Starter Installation Assembly

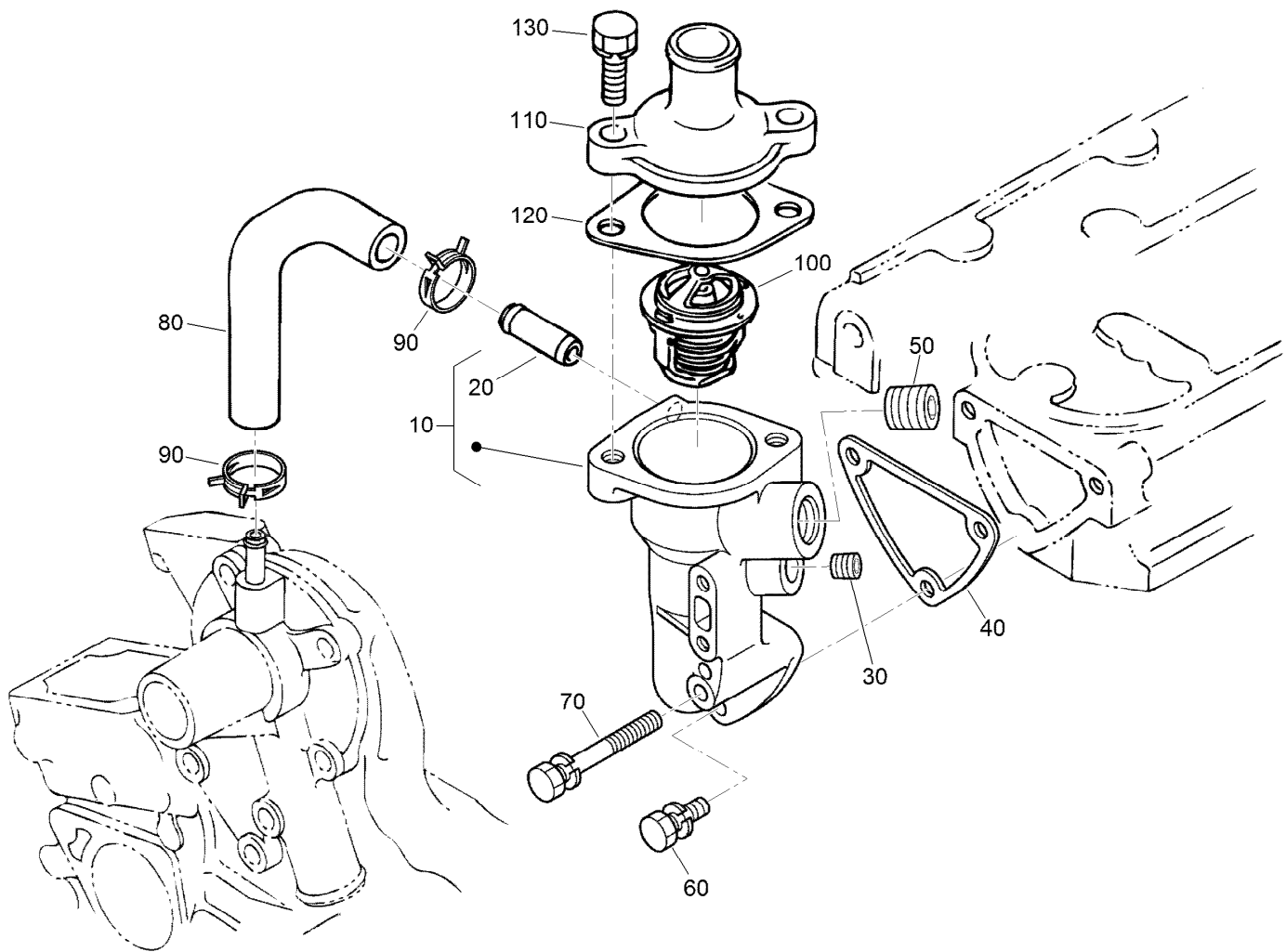
Ref.	Part Number	Qty.	Description
10	110-3800	1	Starter ASM
20	98-7697	2	Bolt
30	98-7534	2	Nut
50	98-7534	1	Nut
60	105-2893	1	Washer-Spring



Starter Components Assembly

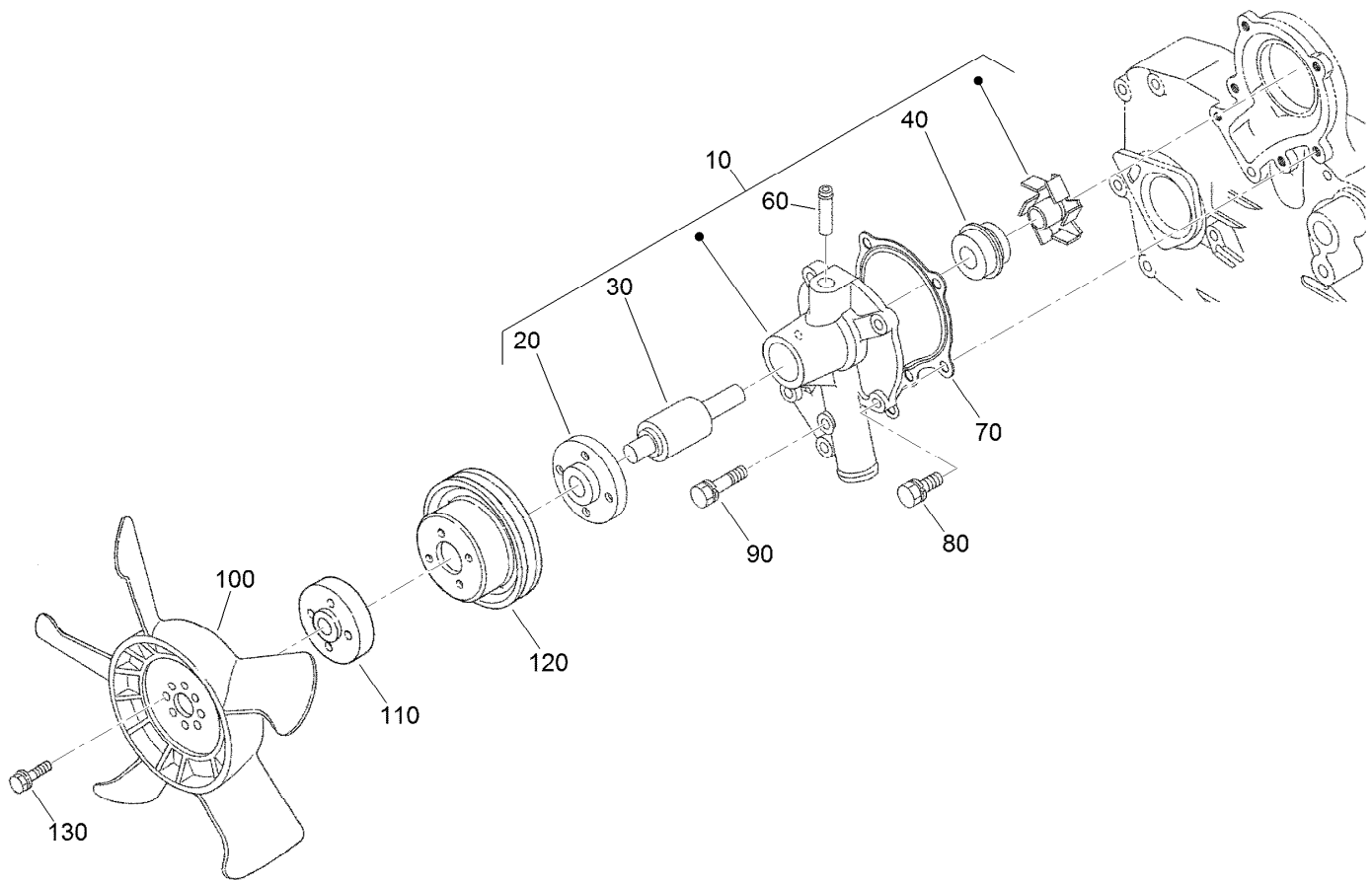
Ref.	Part Number	Qty.	Description
10	110-3800	1	Starter ASM
20	110-3801	1	Armature
30	110-3802	1	Shaft ASM
40	120-3142	1	Gear-Internal
50	110-3804	3	Gear-Planetary
60	110-3805	1	Clutch-Running, Over
70	110-3806	1	Stopper
80	120-3143	1	Gasket
90	110-3808	1	Ball
100	110-3809	1	Yoke

Ref.	Part Number	Qty.	Description
110	110-3810	1	Brush Holder ASM
120	110-3811	1	Rear Bracket ASM
130	110-3812	1	Bushing
140	110-3813	1	Front Bracket ASM
150	110-3814	1	Bushing
160	110-3815	2	Bolt
170	110-3816	1	Fork Lever ASM
180	125-9099	1	Switch-Magnetic
190	110-3818	1	Screws (Set Of 4)



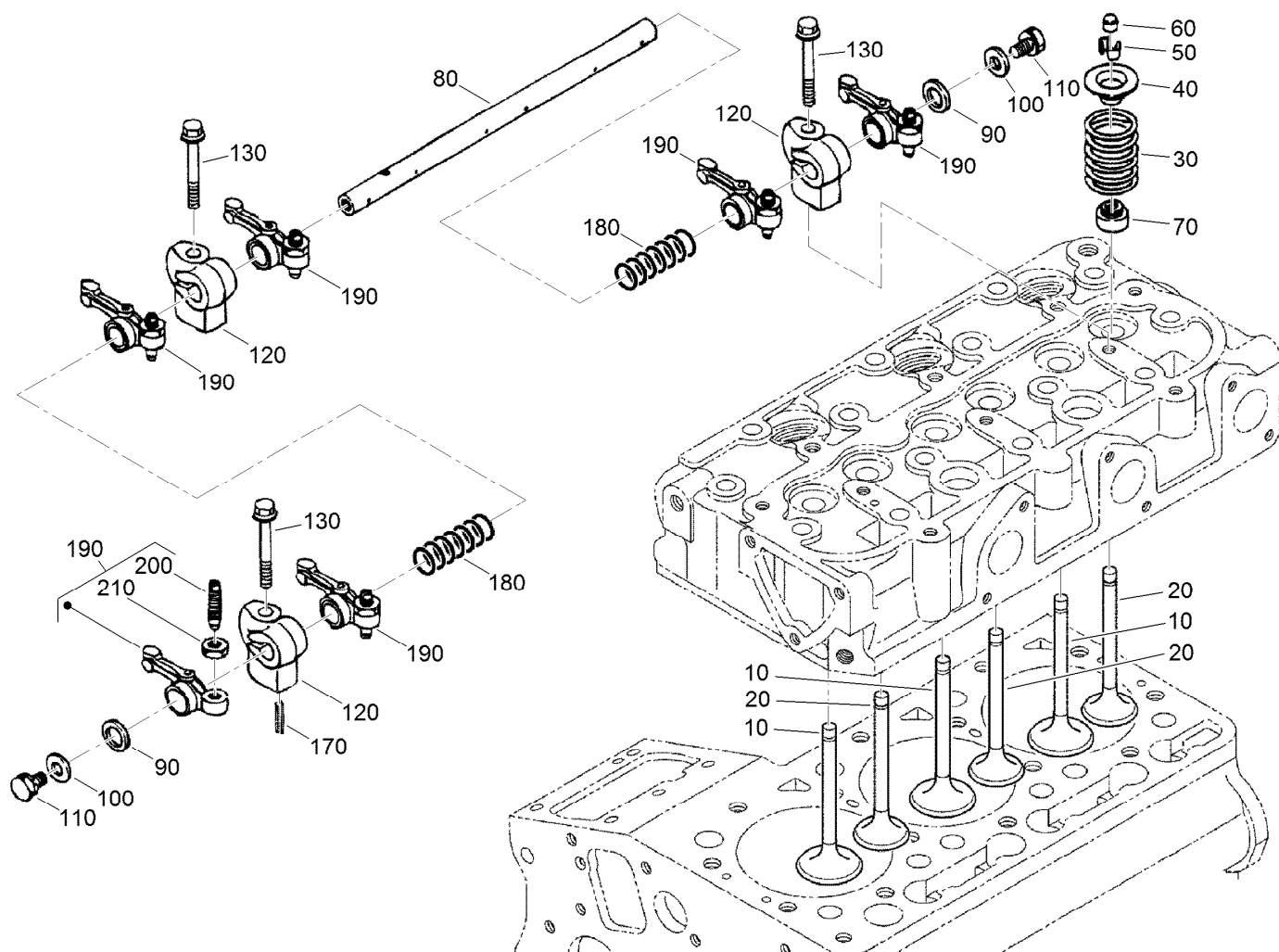
Water Flange and Thermostat Assembly

Ref.	Part Number	Qty.	Description
10	121-2414	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	98-9444	1	Plug
40	110-3820	1	Gasket-Flange, Water
50	110-3821	1	Plug
60	98-7692	2	Bolt
70	105-3797	1	Bolt
80	100-2017	1	Pipe-Return, Water
90	125-9078	2	Clamp-Hose
100	98-7778	1	Thermostat ASM
110	121-2415	1	Cover-Thermostat
120	105-3748	1	Gasket-Thermostat
130	98-7438	2	Bolt



Water Pump and Cooler Fan Assembly

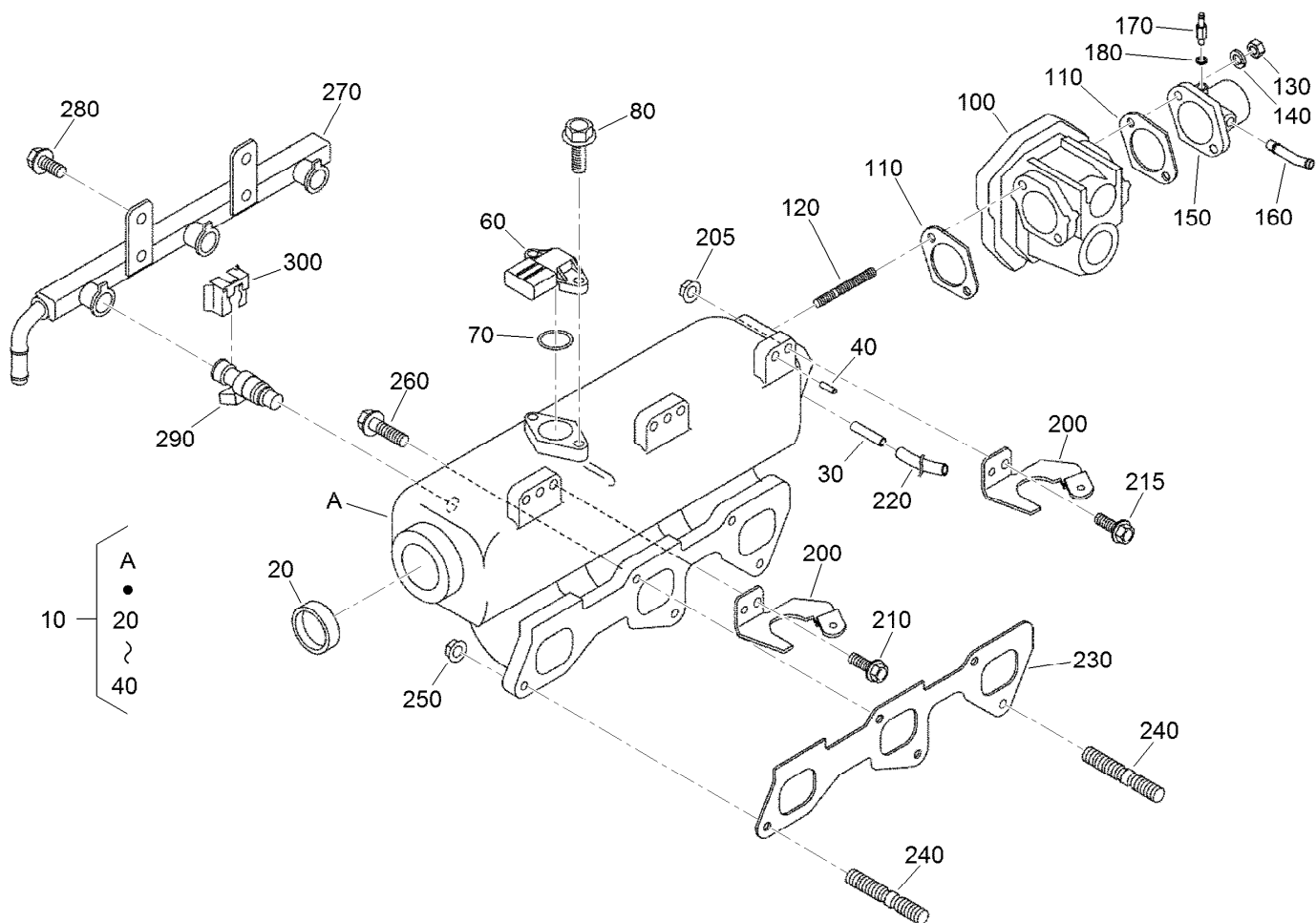
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	127-1607	1	Water Pump ASM
20	100-1933	1	Flange-Pump, Water
30	100-1934	1	Bearing-Ball
40	99-3518	1	Water Pump Seal ASM
60	100-1932	1	Pipe-Return, Water
70	117-0330	1	Gasket-Pump, Water
80	100-1750	4	Bolt
90	100-1764	1	Bolt
100	127-1608	1	Fan
110	108-2872	1	Collar-Fan
120	100-1921	1	Pulley-Fan
130	108-2873	2	Bolt-Flange



Valve and Rocker Arm Assembly

Ref.	Part Number	Qty.	Description
10	125-9106	3	Valve-Inlet
20	125-9114	3	Valve-Exhaust
30	100-1823	6	Spring-Valve
40	100-1825	6	Retainer-Spring, Valve
50	120-3136	6	Collet-Spring, Valve
60	100-2155	6	Cap-Valve
70	125-9128	6	Seal-Stem, Valve
80	110-3831	1	Shaft-Arm, Rocker
90	100-2044	2	Washer

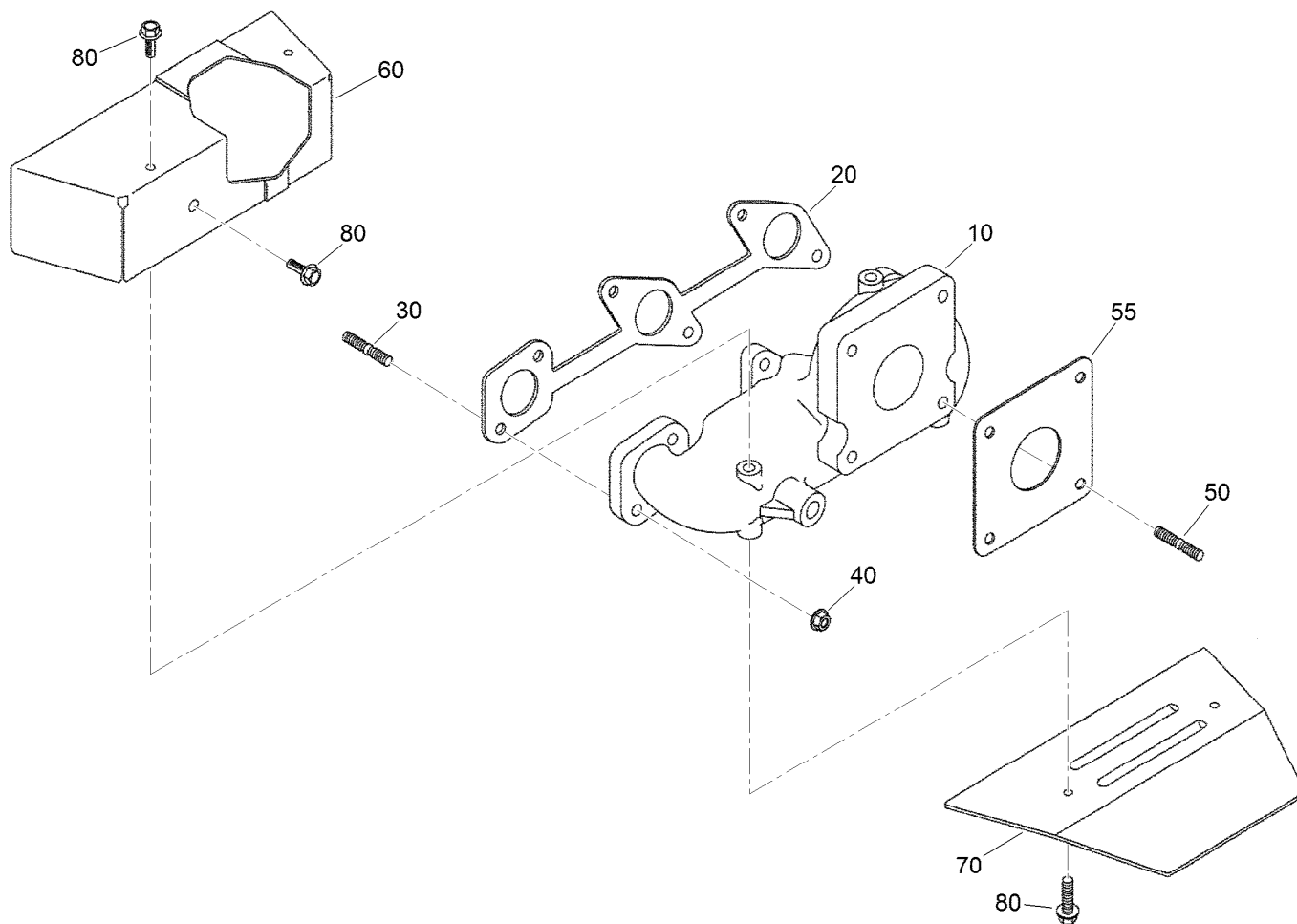
Ref.	Part Number	Qty.	Description
100	100-1927	2	Washer-Plain
110	100-9265	2	Bolt
120	110-3833	3	Bracket-Arm, Rocker
130	110-3834	3	Bolt-Flange
170	98-7602	1	Pin-Spring
180	110-3835	2	Spring
190	100-1884	6	Rocker Arm ASM
200	100-1885	6	Screw-Adjusting
210	100-1827	6	Nut



Inlet Manifold Assembly

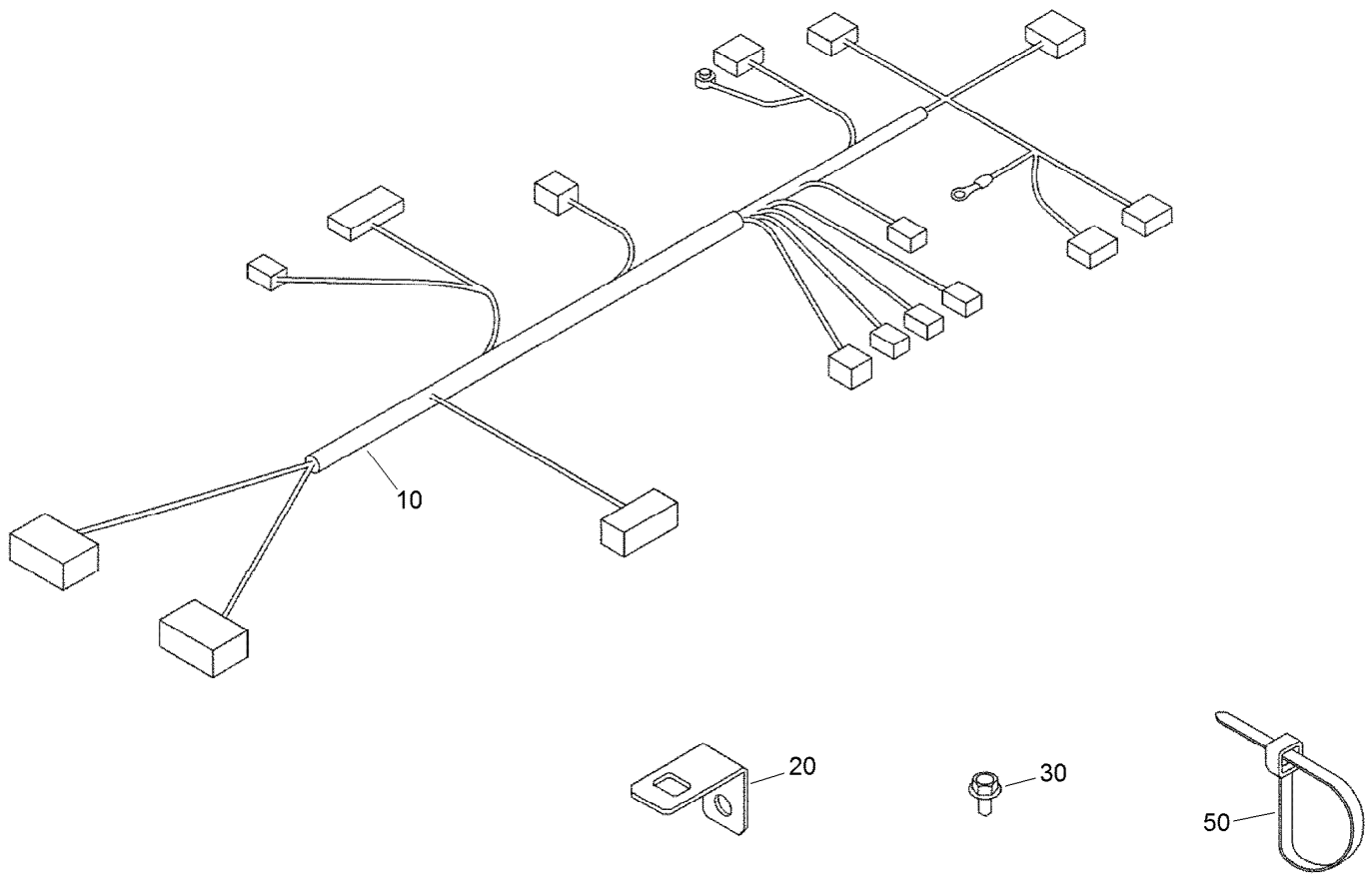
Ref.	Part Number	Qty.	Description
10	125-9122	1	Intake Manifold ASM
20	98-7539	1	Cap-Sealing
30	125-9158	1	Pin-Pipe
40	98-9375	3	Pin-Straight
60	125-9110	1	Sensor (Tmap)
70	125-9112	1	O Ring
80	125-9111	2	Bolt-Flange
100	125-9136	1	Throttle Body ASM
110	125-9104	2	Gasket-Cleaner, Air
120	125-9093	2	Stud
130	98-7534	2	Nut
140	105-2893	2	Washer-Spring
150	125-9121	1	Flange-Cleaner, Air
160	110-3837	1	Pipe-Breather
170	98-9431	1	Screw-Bleeder, Air

Ref.	Part Number	Qty.	Description
180	98-7654	1	Gasket
200	125-9146	3	Stay-Coil, Ignition
205	100-2203	1	Nut-Flange
210	99-8363	2	Bolt-Flange
215	105-3789	1	Bolt
220	125-9097	1	Tube-Fuel
230	125-9123	1	Gasket-Manifold, Intake
240	125-9092	2	Stud
250	100-2203	2	Nut-Flange
260	98-9352	3	Bolt
270	125-9137	1	Rail-Ignition, Fuel
280	98-7692	2	Bolt
290	125-9107	3	Injector
300	125-9138	3	Stopper-Injector



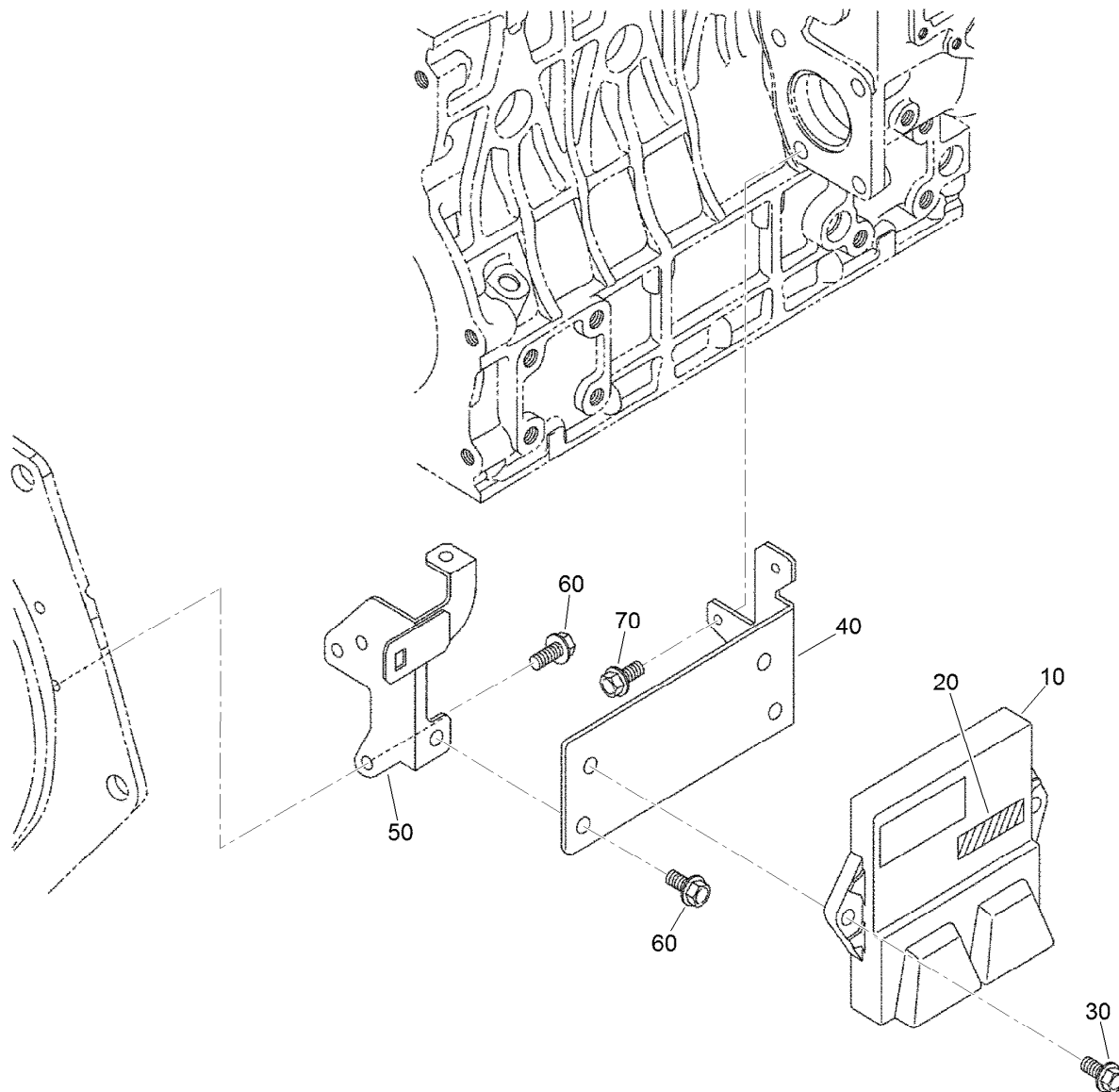
Exhaust Manifold Assembly

Ref.	Part Number	Qty.	Description
10	127-1609	1	Manifold-Exhaust
20	110-3840	1	Gasket-Manifold, Exhaust
30	125-9149	6	Bolt-Stud
40	100-1778	6	Nut
50	125-9100	4	Stud
55	125-9108	1	Gasket-Muffler
60	125-9126	1	Cover-Upper
70	125-9127	1	Cover-Lower
80	125-9090	5	Bolt



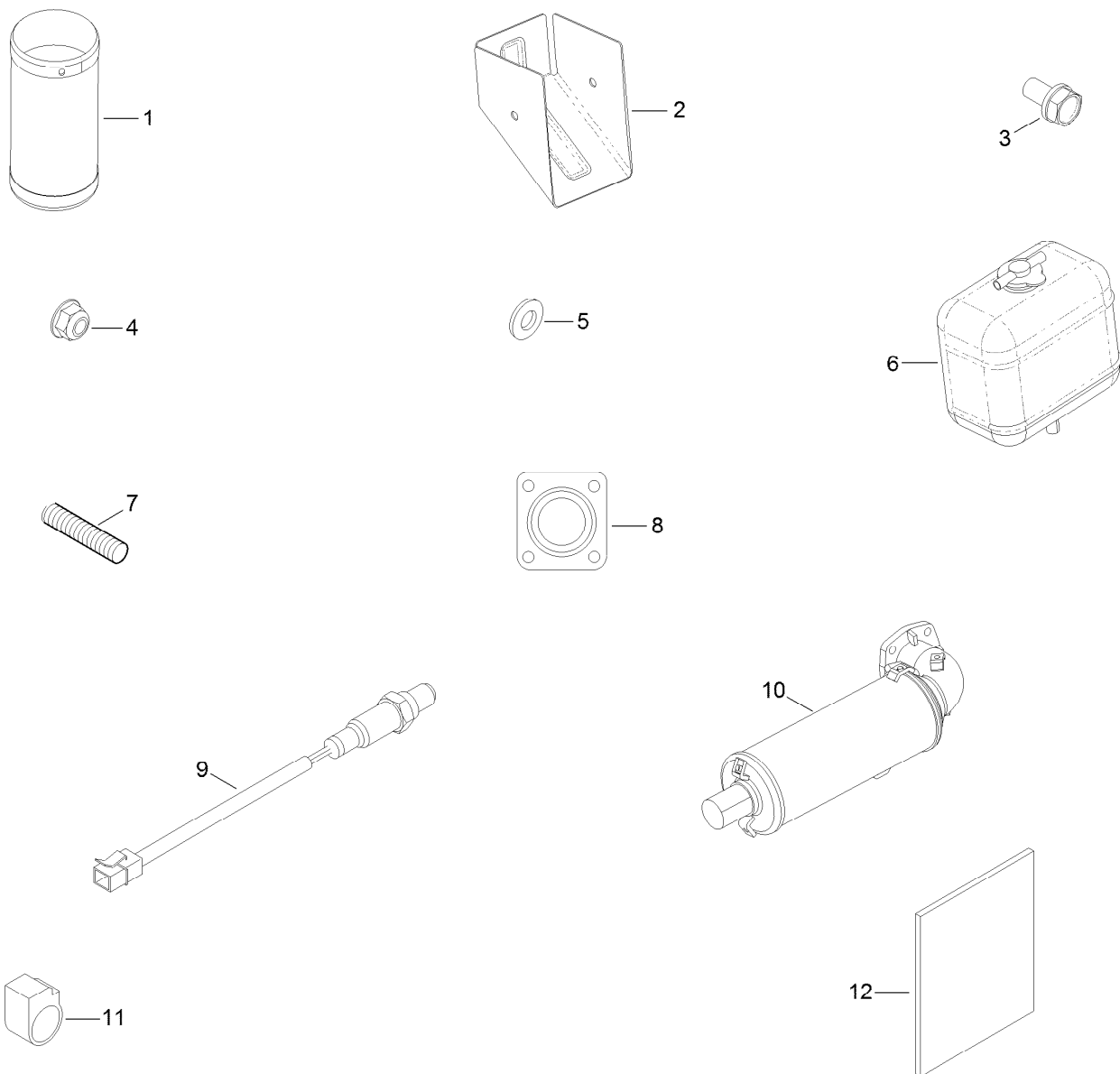
Wire Harness Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	125-9143	1	Harness-Wire, E C U
20	125-9157	1	Stay-Boom, Harness
30	115-8504	1	Bolt-Flange
50	125-9101	2	Band-Cord



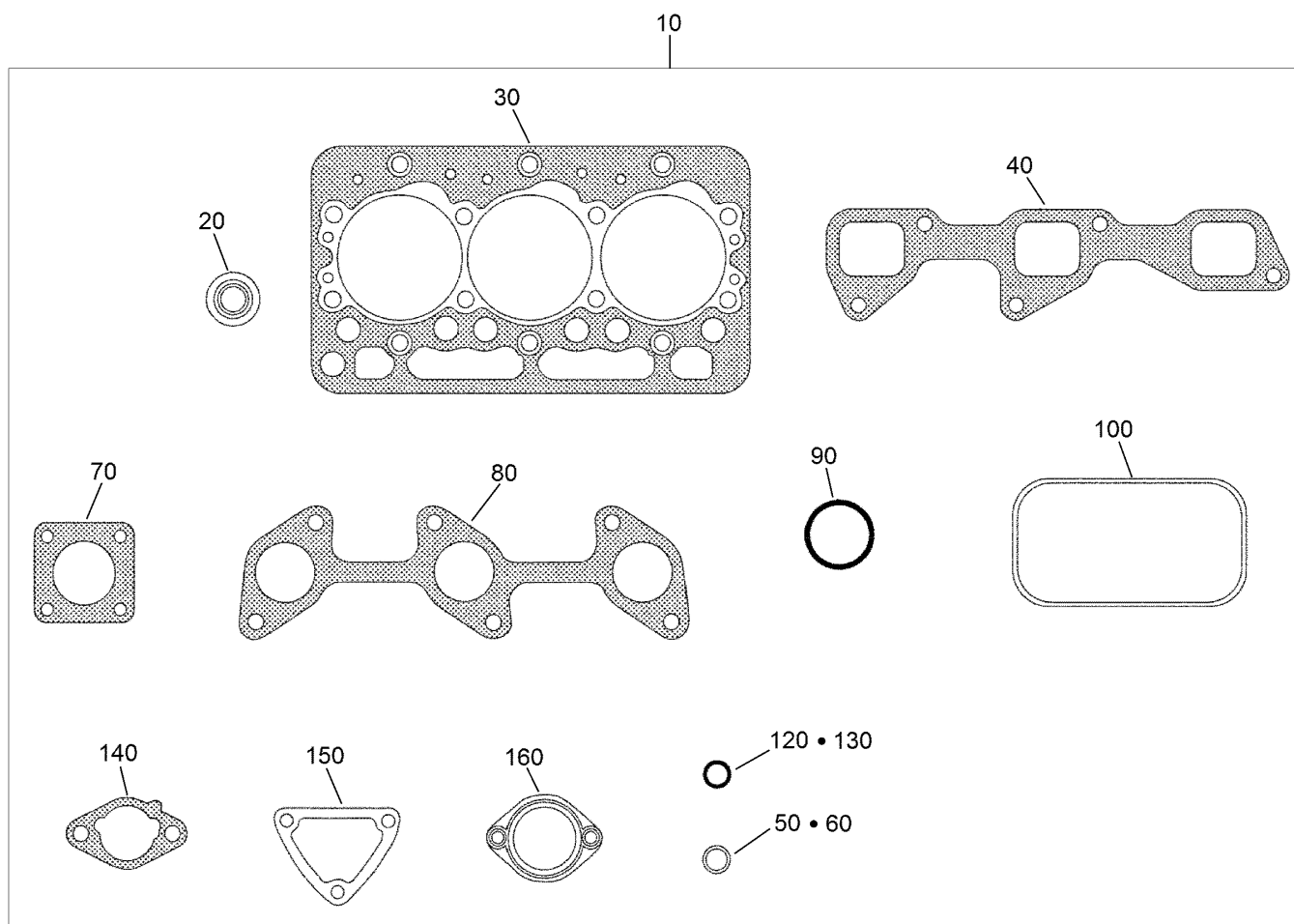
Electronic Control Unit Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	127-1610	1	E C U ASM
20	125-9147	1	Label
30	108-2873	2	Bolt-Flange
40	125-9140	1	Stay-E C U
50	125-9141	1	Stay-E C U
60	100-1774	3	Bolt-Flange
70	115-8504	2	Bolt-Flange



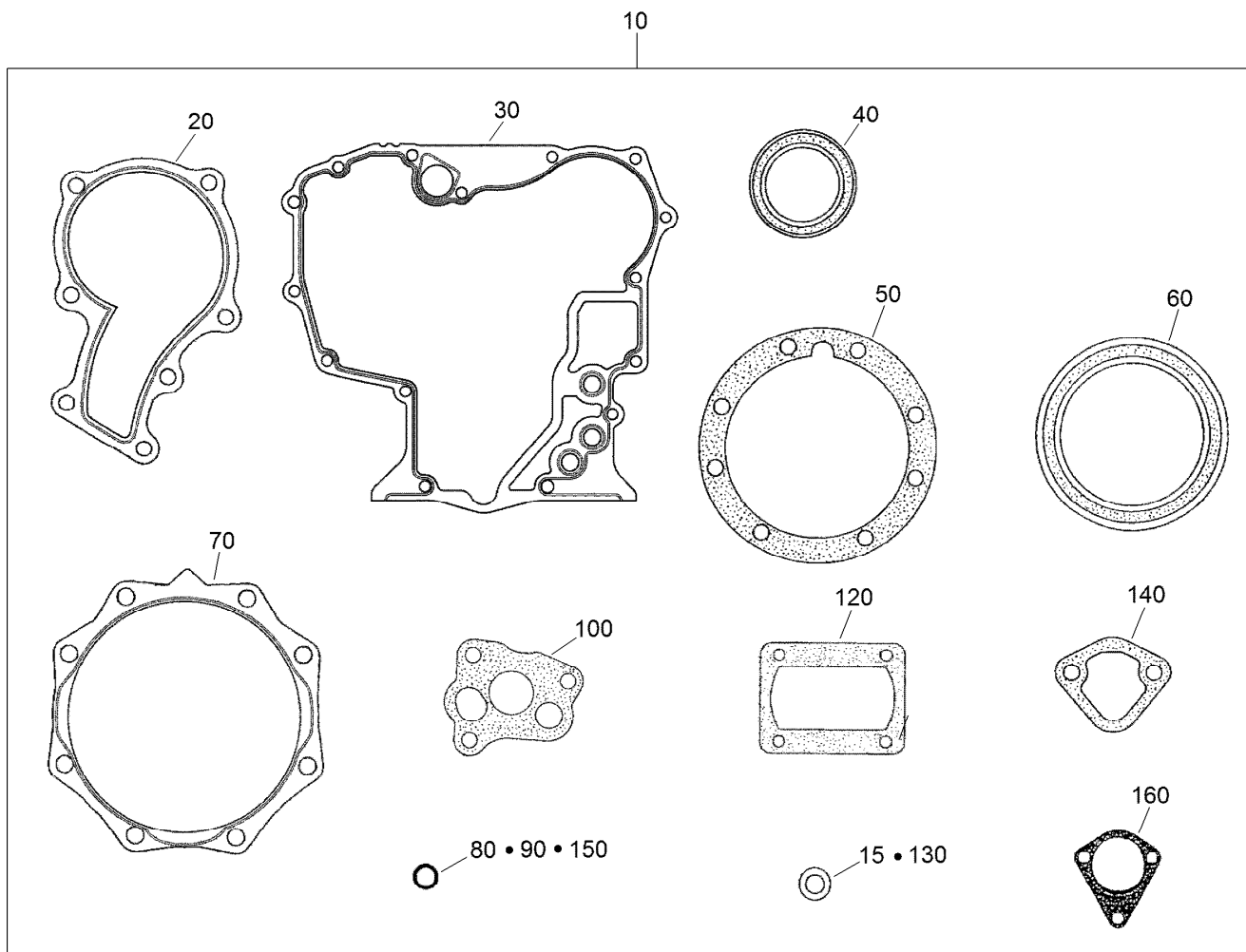
Operator Manual and Miscellaneous Engine Parts

Ref.	Part Number	Qty.	Description
1	121-3545	1	Cover-Muffler
2	121-3546	1	Cover-Flange, Muffler
3	98-9350	6	Bolt
4	125-9095	4	Nut
5	100-1781	6	Washer-Plain
6	104-9318	1	Bottle-Overflow
7	125-9100	4	Stud
8	125-9108	1	Gasket-Muffler
9	125-9124	1	*obs* Sensor (O2)
10	120-3547	1	Muffler
11	127-0513	1	Clamp
12	125-9148	1	Operator Manual



Upper Engine Gasket Kit

Ref.	Part Number	Qty.	Description
10	125-9150	1	Upper Gasket Kit
20	125-9128	6	Seal-Stem, Valve
30	125-9113	1	Gasket-Head
40	125-9123	1	Gasket-Manifold, Intake
50	125-9112	1	O Ring
60	99-3446	1	O-Ring
70	125-9108	1	Gasket-Muffler
80	110-3840	1	Gasket-Manifold, Exhaust
90	110-3846	1	O Ring-Breather
100	125-9130	1	Gasket-Cover, Head
120	125-9096	1	Gasket
130	98-7654	1	Gasket
140	125-9104	2	Gasket-Cleaner, Air
150	110-3820	1	Gasket-Flange, Water
160	105-3748	1	Gasket-Thermostat



Lower Engine Gasket Kit

Ref.	Part Number	Qty.	Description
10	125-9155	1	Lower Gasket Kit
15	98-7524	1	Gasket
20	117-8846	1	Gasket-Pump, Water
30	117-0327	1	Gasket-Case, Gear
40	120-7852	1	Seal-Oil
50	100-1873	1	Gasket-Case, Bearing
60	110-3724	1	Seal-Oil
70	100-1876	1	Gasket-Cover, Case

Ref.	Part Number	Qty.	Description
80	100-2209	1	O-Ring
90	105-3776	1	O-Ring
100	100-2003	1	Gasket-Pump, Oil
120	125-9105	1	Gasket
130	98-7654	1	Gasket
140	98-9636	1	Gasket-Pump, Fuel
150	127-1603	1	O-Ring
160	100-2062	1	Gasket

Attachments and Accessories

For 30809 Groundsmaster 3500-G Rotary Mower

Product Name	Model/Part
Operator Cooling Fan	03247
Switch Panel-Universal Sunshade.....	03248
Roller Scraper Kit.....	104-5168
Blade-High Lift	104-5183
Blade-Angle Sail	105-9810-03
Blade-Atomic	107-0235-03
27in Blade Service Pack (qty 6)	108-1462
Blade-27in Combo	108-9026
Wireless Hourmeter	115-4754
External Antenna Kit, Wireless Hourmeter System	115-9524
Base Station Kit, Wireless Hourmeter System	115-9542
Repeater Kit, Wireless Hourmeter System	115-9543
Roller Asm (UHMW)	131-7800
Hi-Back Seat Cover	133-1308
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal).....	133-8087
Ballast Kit (27in C/U)	136-2881
Wheel Weight Kit	136-3315
LH Liftarm Assembly.....	136-3421
RH Liftarm Assembly	136-3423
3in Dia, 27in Sectional Roller Assembly.....	137-6145
Beacon Kit	138-2699
Sunshade Work Lights Kit.....	138-2700
Power Harness Kit	138-2993
Hydraulic Booster-10.5 fl oz.....	145-5286
Bimini Sunshade for 2-Post Roll-Over Protection System	30358
Premium Seat Kit.....	30629
White Universal Sunshade	30669
Red Universal Sunshade	30671
27in Rotary Cutting Unit.....	30834
Leaf Mulching Kit	30836
LED Work Light Kit.....	31692
New Red Paint - Gallon	361-11
Dark Metallic Gray Aerosol Paint	361-12
Semi-Gloss Black Spray Paint.....	361-9
MVP Kit, 1000 Hour	44965
Air Dry Red Paint - Qt	5340

Notes:

Notes:



Count on it.