



Count on it.

Form No. 3471-689 Rev C

Parts Catalog

TX 450

Compact Tool Carrier

Model No. 22371—Serial No. 400000000 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

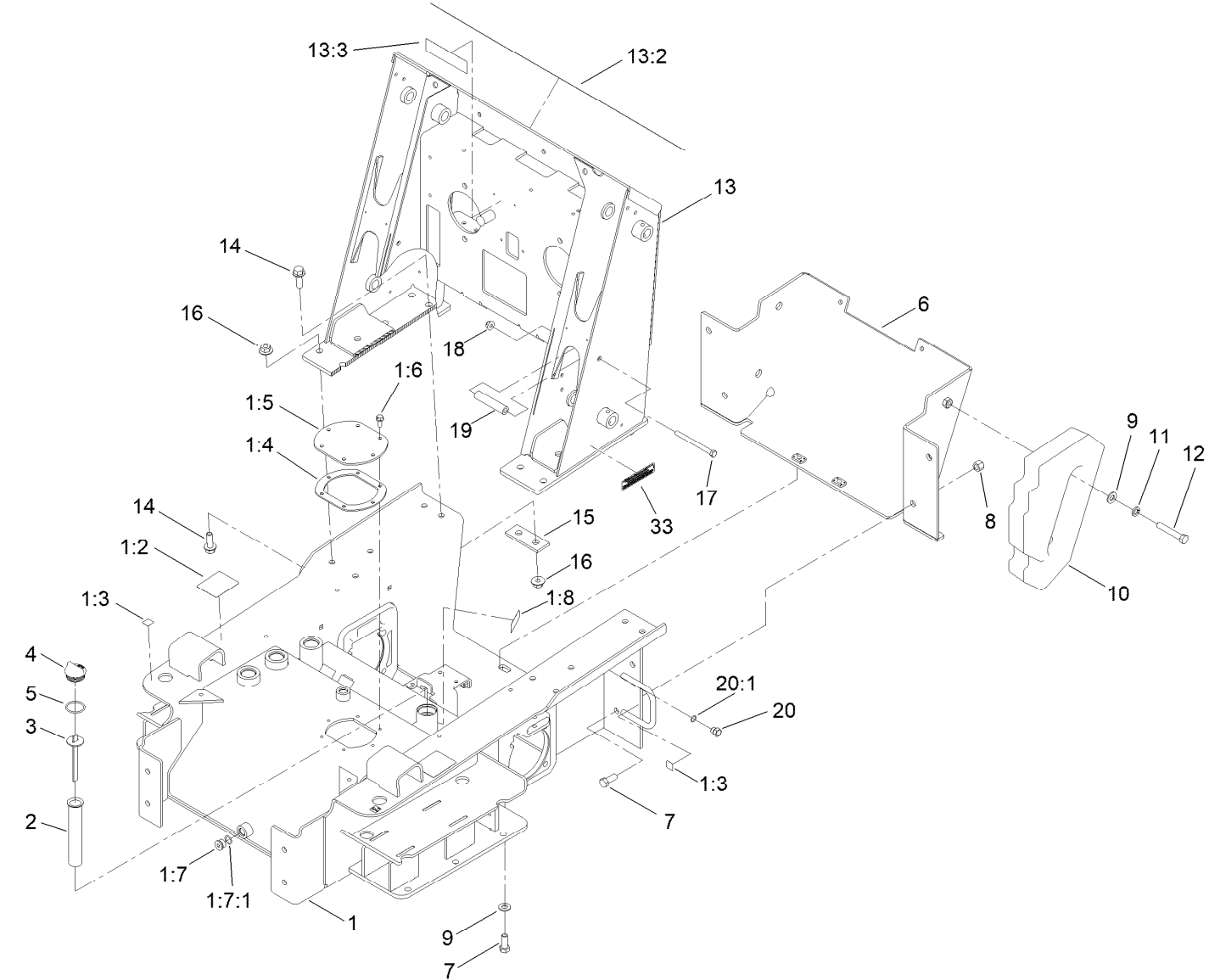
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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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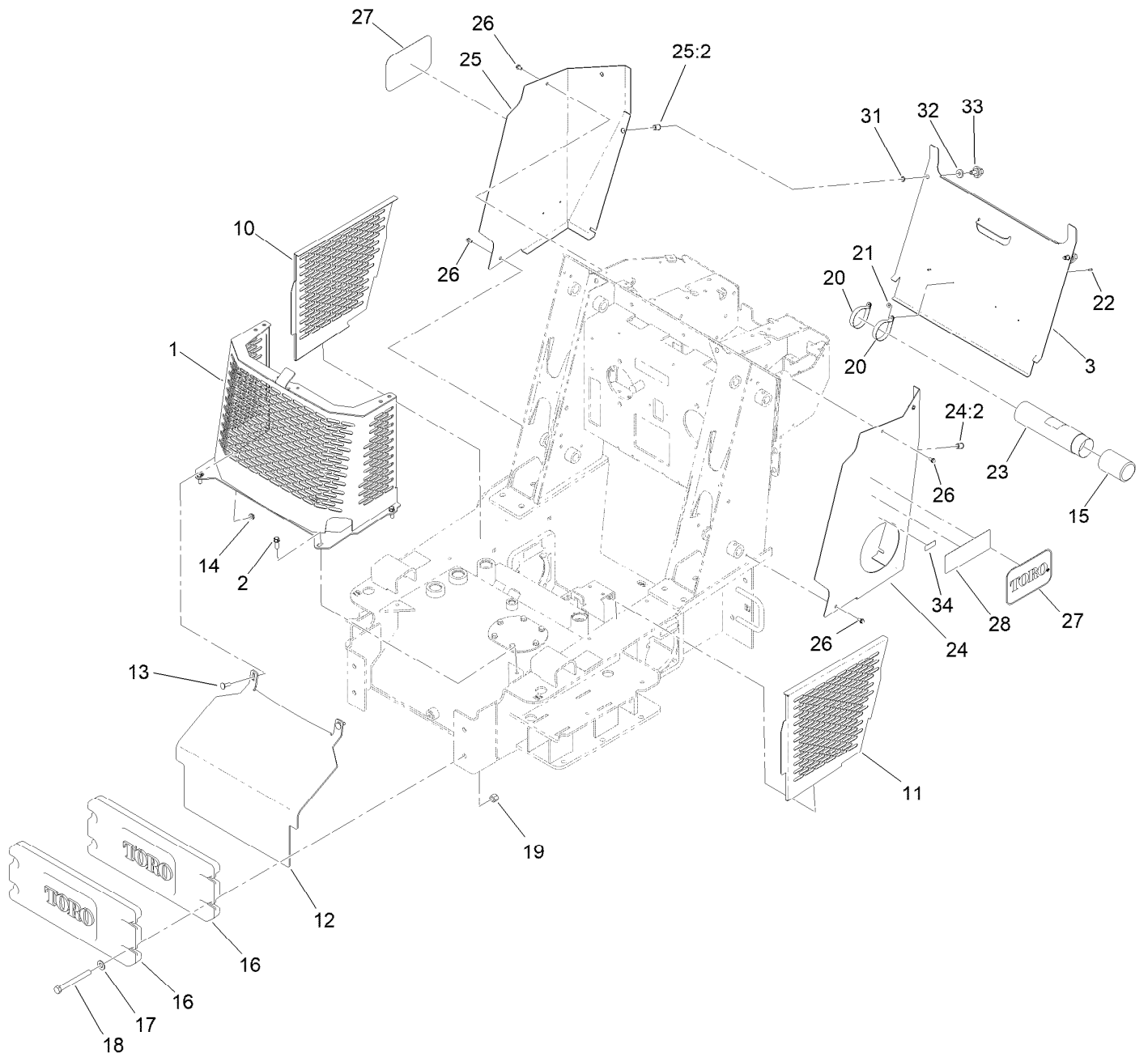
Main Frame Assembly



Main 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	114-1354	1	Chassis ASM	9	3256-26	6	Washer-Flat
1:2	100-4650	2	Decal-Warning	10	147-7015-01	2	Counterweight-Rear
1:3	93-9084	4	Decal-Point, Lift	11	3253-7	4	Washer-Lock
1:4	107-3557	1	Gasket-Cover, Access	12	325-12	4	Screw-HH
1:5	108-6297-01	1	Cover-Tank	13	163-3277	1	Loader Tower ASM
1:6	98-9940	6	Screw-HHF	13:2	138-0799	1	Decal-Panel, Control
1:7	353-988	2	Plug-Hex	13:3	93-7814	1	Decal-Danger
1:7:1	237-79	1	O-Ring	14	100-6116	10	Screw-HHF
1:8	93-6686	1	Decal-Oil, HYD	15	100-6123-05	2	Plate-Stiffener
2	61-2790	1	Filter-Screen	16	32128-52	10	Nut-Lock, Flg
3	100-2097	1	Dipstick-Oil	17	323-23	2	Screw-HH
4	93-7498	1	Plug-Plastic	18	104-8301	2	Nut-HF, NI
5	237-101	1	O-Ring	19	100-1271	2	Tube-Spacer
6	115-4565-01	1	Cover-Rear	20	353-508	1	Plug-HH
7	325-5	6	Screw-HH	20:1	237-42	1	O-Ring
8	3296-23	4	Nut-Lock, NI	33	133-8062	1	Decal-Spark Arrestor

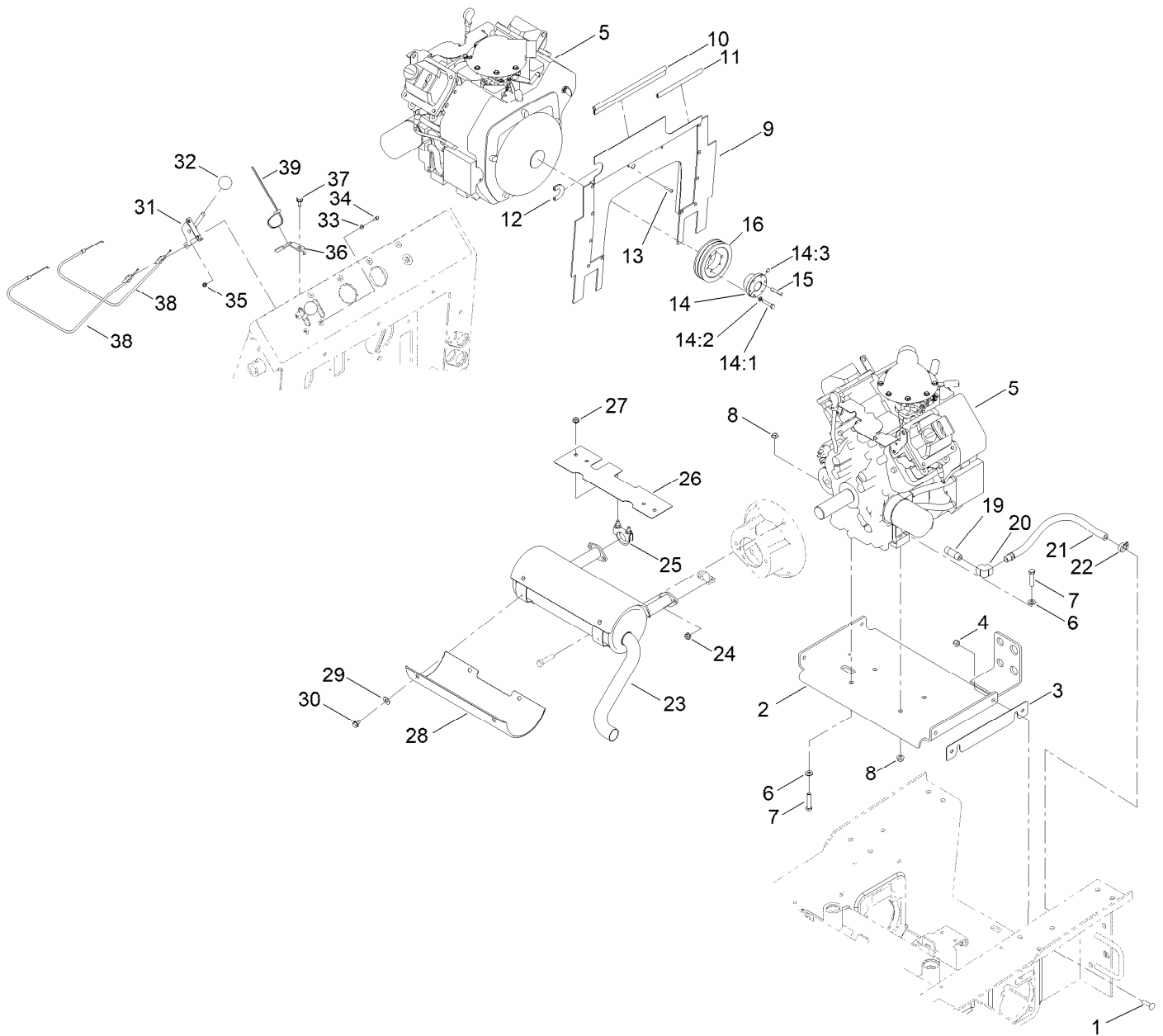
Grill, Side Cover and Counterweight Assembly



Grill, Side Cover and Counterweight 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	161-9483-05	1	Grille ASM [blk-Txt]	22	3269-17	2	Rivet-Pop
2	95-1726	4	Screw-Taptite	23	104-7050	1	Tube-Manual
3	106-9339-01	1	Cover-Access, Rear	24	163-5281	1	LH Rear Cover Support ASM
10	106-5727-05	1	Panel-Side, RH	24:2	32148-9	1	Nut-Clinch
11	106-5726-05	1	Panel-Side, LH	25	163-5280	1	RH Rear Cover Support ASM
12	163-3267-05	1	Plate-Front	25:2	32148-9	1	Nut-Clinch
13	3230-28	2	Screw-CARR	26	9266714	6	Screw-HWH
14	32128-20	2	Nut-HF	27	145-0609	2	Decal-Toro Logo
15	104-7048	1	Cap-Housing	28	147-7041	2	Decal-Dingo, Tx450
16	147-7016-01	2	Counterweight-Front	31	32151-72	2	Ring-Retaining
17	3256-26	4	Washer-Flat	32	106-0565	2	Washer-Rubber
18	325-38	4	Screw-HH	33	95-9648	2	Knob
19	3296-23	4	Nut-Lock, NI	34	161-7268	1	Decal-No Smoking
20	2412-120	2	Clamp-R				
21	3269-10	2	Washer-Back				

Engine, Exhaust and Control Lever Assembly



Engine, Exhaust and Control Lever Assembly (continued)

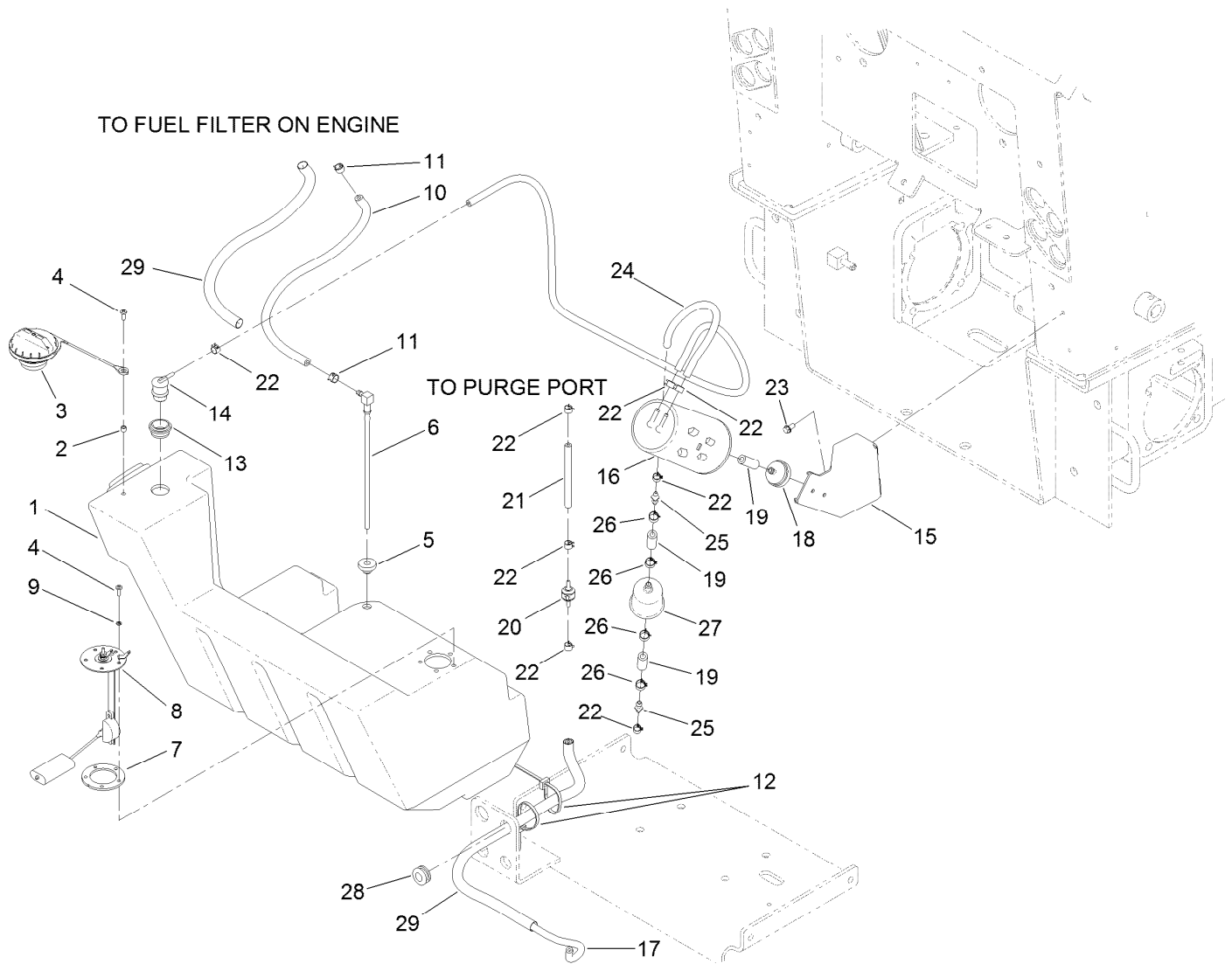
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3231-28	4	Screw-CARR
2	114-1288-03	1	Plate-Mounting, Engine
3	117-1811	1	Shim-Strap
4	3296-39	4	Nut-Lock, NI
5		1	Engine-Kohler, Ch740-3136 ●■
6	48-9220	4	Washer-Flat
7	323-9	4	Screw-HH
8	32128-21	4	Nut-HF Lock
9	114-8725	1	Baffle-Engine
10	115-4837	1	Strip-Seal, 10.5 Inch
11	105-0378	1	Seal-Strip, 6.5 Inch
12	105-0377	1	Seal-Strip, 3 Inch
13	32144-36	2	Screw-PPH
14	61-3340	1	Bushing
14:1	321-13	3	Screw-HH
14:2	3253-2	3	Washer-Lock
14:3	3245-2	1	Screw-Set, HSH
15	67-7490	1	Key-Square
16	61-3330	1	Pulley
19	289-42	1	Nipple

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
20	94-9650	1	Elbow-90 DEG
21	100-1256	1	Oil Hose ASM
22	2412-36	1	Clamp-Hose
23	115-1509	1	Muffler
24	112-2844	4	Nut-HF
25	104-4090	2	Clamp-Muffler
26	114-1366	1	Shield-Manifold
27	32128-25	4	Nut-HF
28	117-9973	2	Shield-Muffler
29	3256-3	8	Washer-Flat
30	9266934	8	Screw
31	108-9730	2	Lever-Control
32	233-42	2	Knob
33	3256-51	4	Washer-Flat
34	3290-134	4	Screw
35	32149-7	4	Nut-Keps
36	100-1299-03	1	Guide-Cable
37	32144-11	1	Screw-HWH
38	108-4679	2	Cable-Throttle/Choke
39	3290-378	1	Tie-Cable

● Not serviced separately

■ Obtain parts from www.kohlerplus.com

Fuel Tank and Carbon Canister Assembly

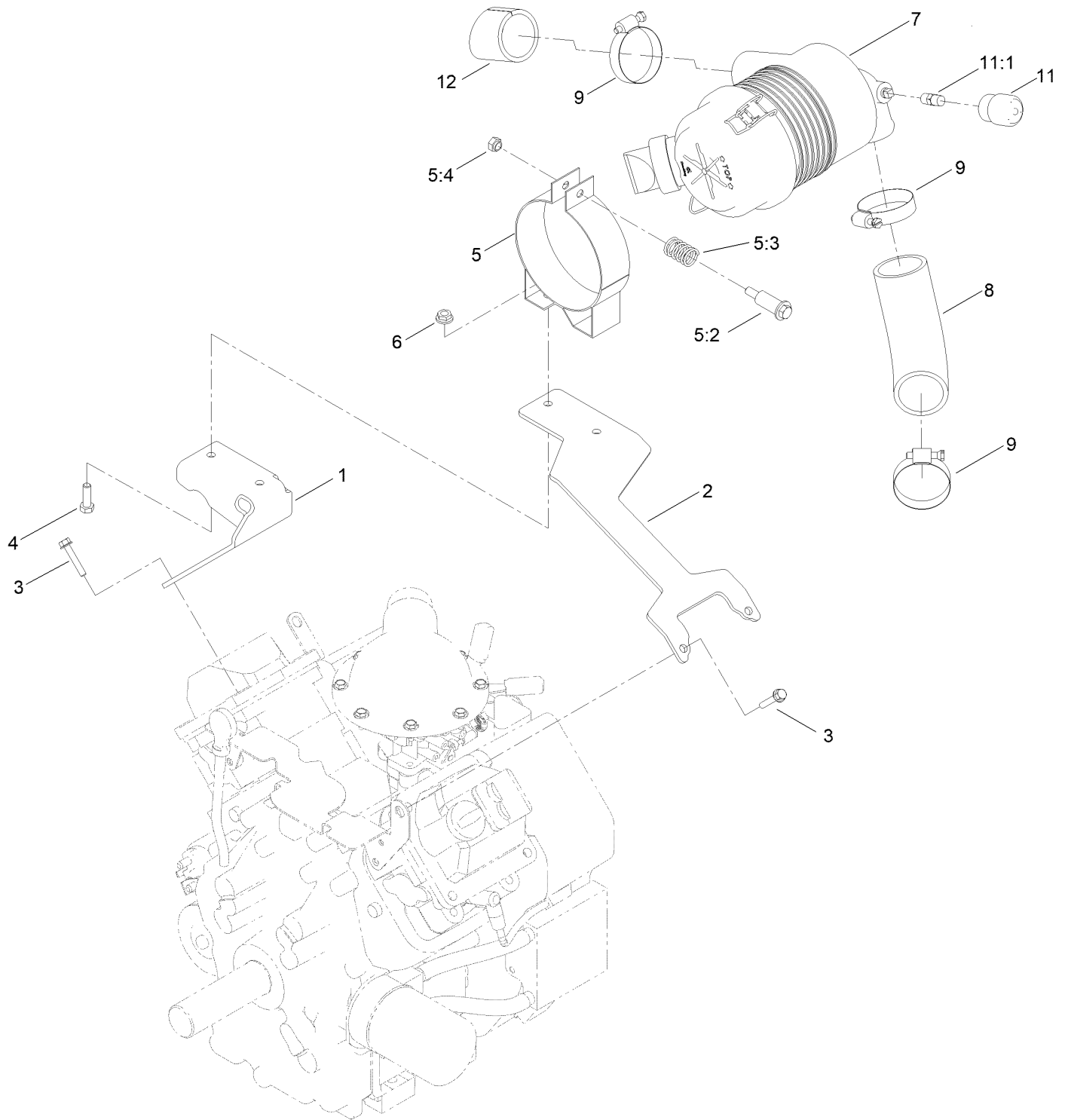


Fuel Tank and Carbon Canister Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-9956	1	Tank-Fuel
2	117-9965	1	Spacer
3	117-1722	1	Cap-Fuel
4	3250-31	6	Screw-PPH
5	46-6560	1	Bushing
6	98-0185	1	Pipe-Stand
7	113372	1	Gasket-Sender, Fuel
8	100-1298	1	Sender-Fuel
9	3253-17	5	Washer-Lock
10	109-0301	1	Hose-Fuel
11	2412-98	2	Clamp-Hose
12	3290-378	3	Tie-Cable
13	114-0284	1	Grommet
14	114-0285	1	Valve-Rollover
15	117-4043-03	1	Holder-Canister

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
16	127-8685	1	Canister-Carbon
17	119-3517	2	Hose-Fuel
18	115-7854	1	Filter-Fuel, Inline
19	106-5317	3	Hose-Fuel
20	133-8499	1	Valve-Check, Vacuum
21	115-4736	1	Hose-Fuel
22	2412-146	8	Clamp-Hose
23	9266714	2	Screw-HWH
24	51-3217	1	Hose-Fuel
25	106-8150	2	Fitting-Straight
26	92-2379	4	Clamp-Hose
27	120-2235	1	Filter-Fuel
28	94-1389	1	Grommet
29	131-0575	2	Sleeve-Thermal

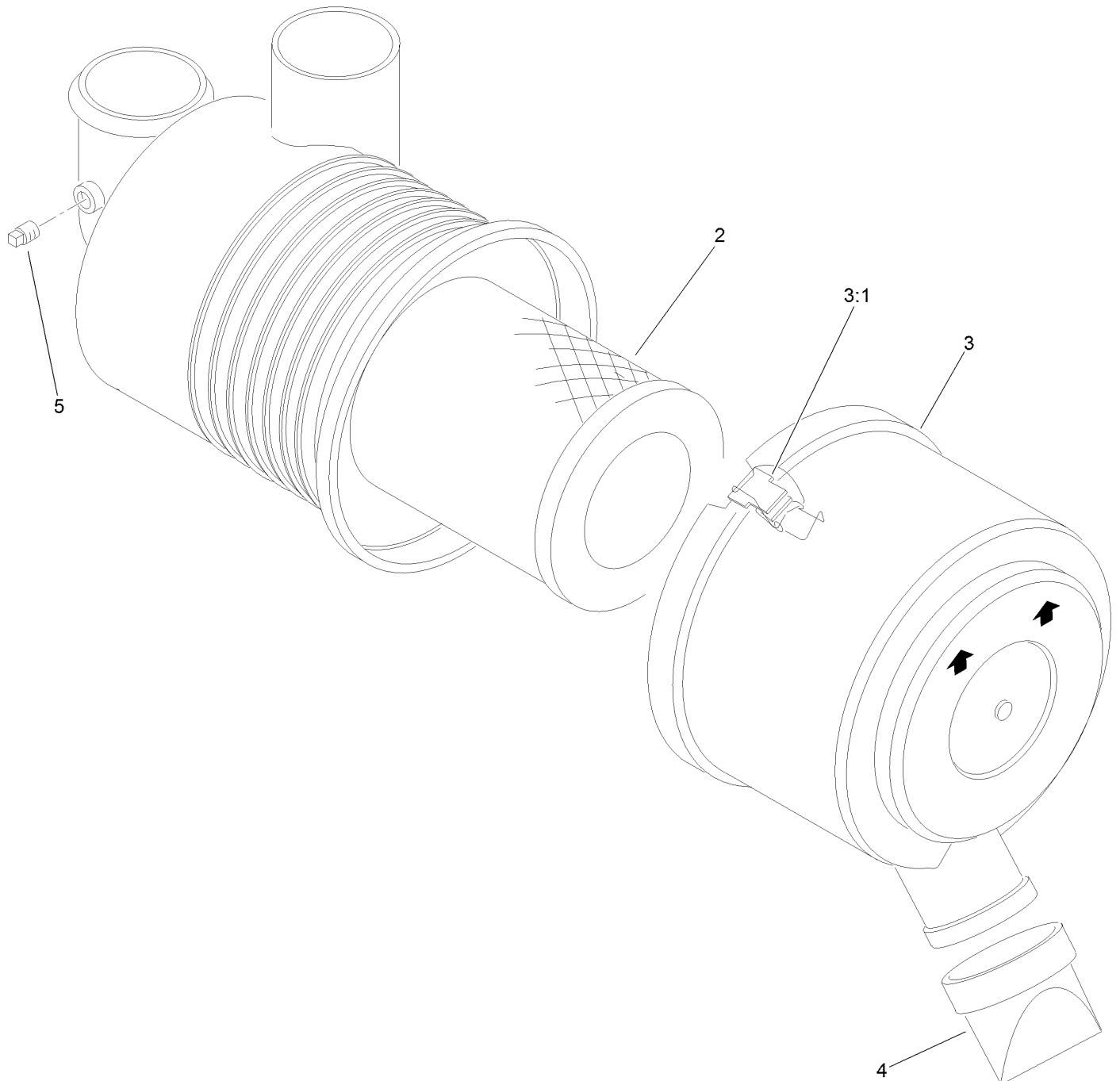
Air Cleaner Mount Assembly



Air Cleaner Mount 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	117-1729-03	1	Bracket-Support, Right	5:4	33024-00	1	Nut-Lock, NI
2	117-1728-03	1	Bracket-Support, Left	6	32128-20	2	Nut-HF
3	33103-035	4	Screw-HHF	7	93-2190	1	Air Cleaner ASM
4	322-5	2	Screw-HH	8	114-8734	1	Hose-Air Cleaner
5	93-2191	1	Air Cleaner Mounting Band	9	2412-92	3	Clamp-Hose
			ASM	11	104-3563	1	Indicator
5:2	94-3653	1	Bolt	11:1	94-1416	1	Adapter-Indicator
5:3	94-3654	1	Spring	12	114-1364	1	Tube-Inlet, Air

Air Cleaner Assembly No. 93-2190

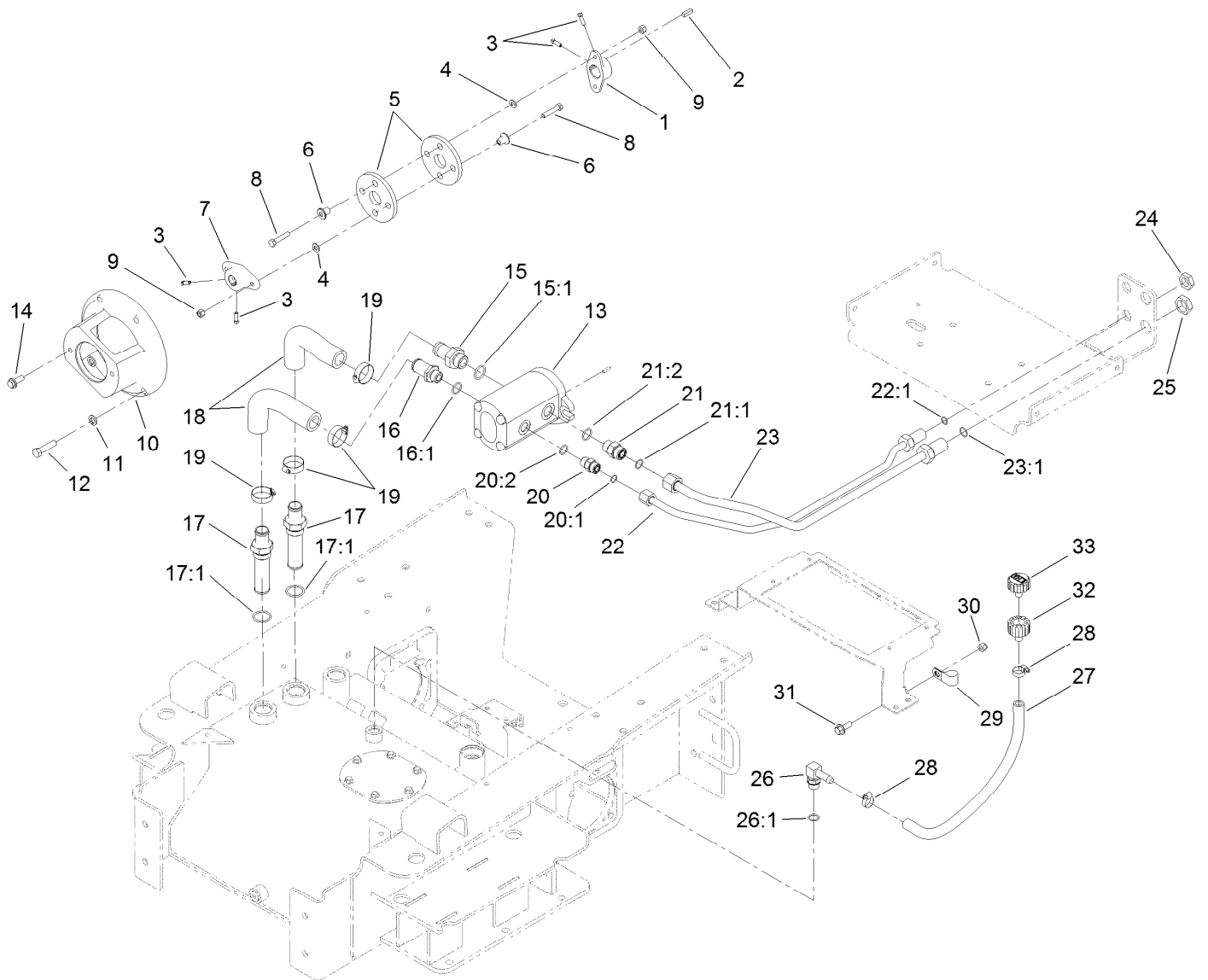


Air Cleaner Assembly No. 93-2190 (continued)

<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

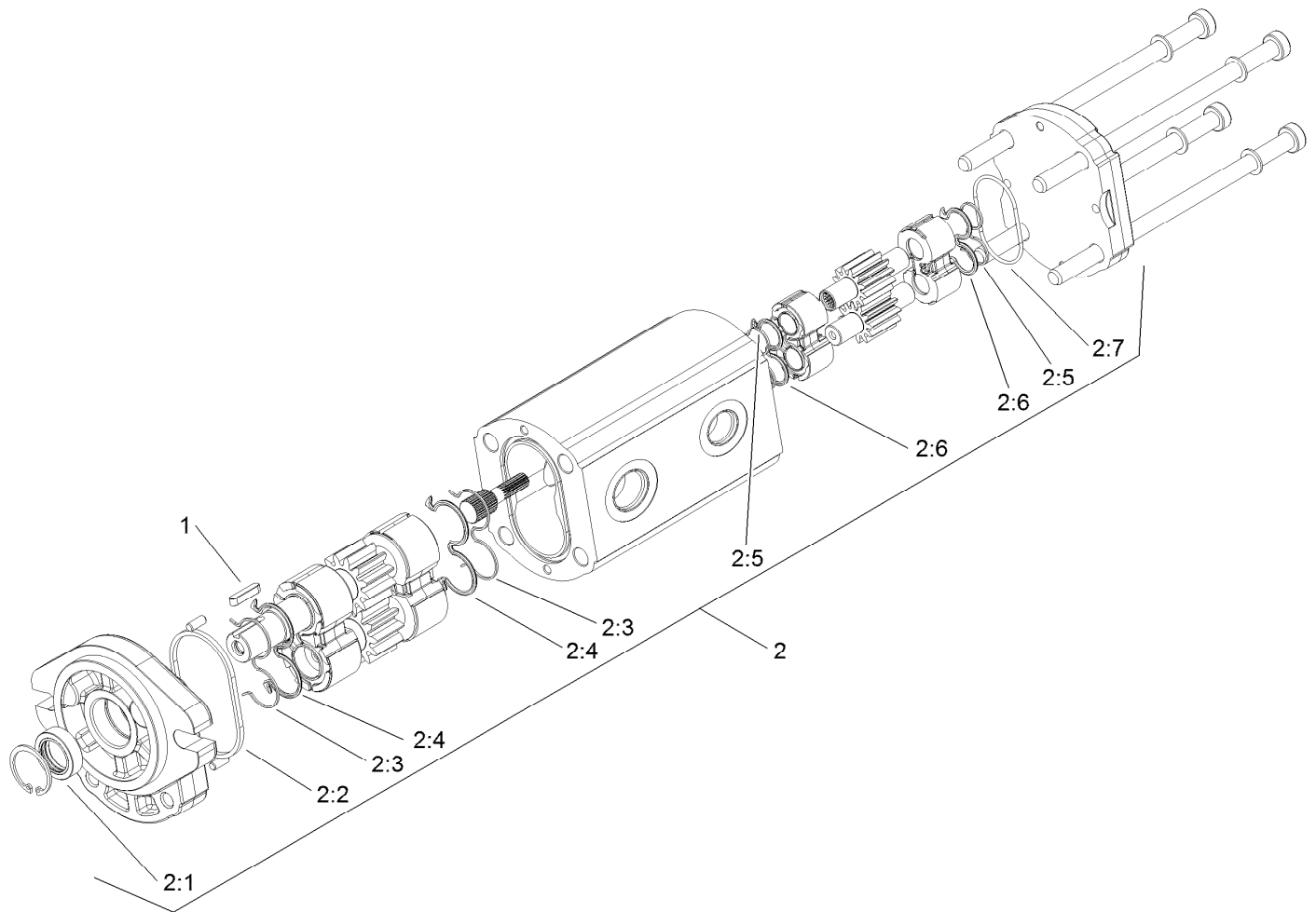
Hydraulic Pump Mount Assembly



Hydraulic Pump Mount 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	110-5236	1	Hub-Engine	20	340-4	1	Fitting-Straight
2	10-7070	1	Key-Square	20:1	237-30	1	O-Ring
3	3241-6	4	Screw-SQH	20:2	237-79	1	O-Ring
4	3256-23	4	Washer-Plain	21	340-7	1	Fitting-Straight
5	115-4523	2	Coupling-Rubber	21:1	237-65	1	O-Ring
6	71-4411	4	Spacer	21:2	237-80	1	O-Ring
7	110-9695	1	Hub-Pump	22	114-1356	1	HYD Tube ASM
8	322-8	4	Screw-HH	22:1	237-30	1	O-Ring
9	3296-29	4	Nut-Lock, NI	23	114-1355	1	HYD Tube ASM
10	98-2751-03	1	Mount-Pump	23:1	237-65	1	O-Ring
11	3253-6	4	Washer-Lock	24	340-127	1	Nut-Bulkhead
12	324-7	4	Screw-HH	25	340-74	1	Nut-Lock, Bulkhead
13	106-7650	1	HYD Pump ASM	26	354-120	1	Fitting-Elbow, 90
14	66-9300	2	Screw-HHF	26:1	237-79	1	O-Ring
15	99-3017	1	Fitting	27	98-4667	1	Hose
15:1	237-81	1	O-Ring	28	2412-36	2	Clamp-Hose
16	131-0573	1	Fitting-STR	29	2412-4	1	Clamp-R
16:1	237-80	1	O-Ring	30	3296-39	1	Nut-Lock, NI
17	112-0211	2	Strainer Fitting ASM	31	3234-42	1	Screw-HHF
17:1	237-146	1	O-Ring	32	92-8020	1	Adapter-Breather
18	131-0585	2	Hose-Suction, Formed	33	68-6150	1	Breather
19	2412-34	4	Clamp-Hose				

Hydraulic Gear Pump Assembly No. 106-7650



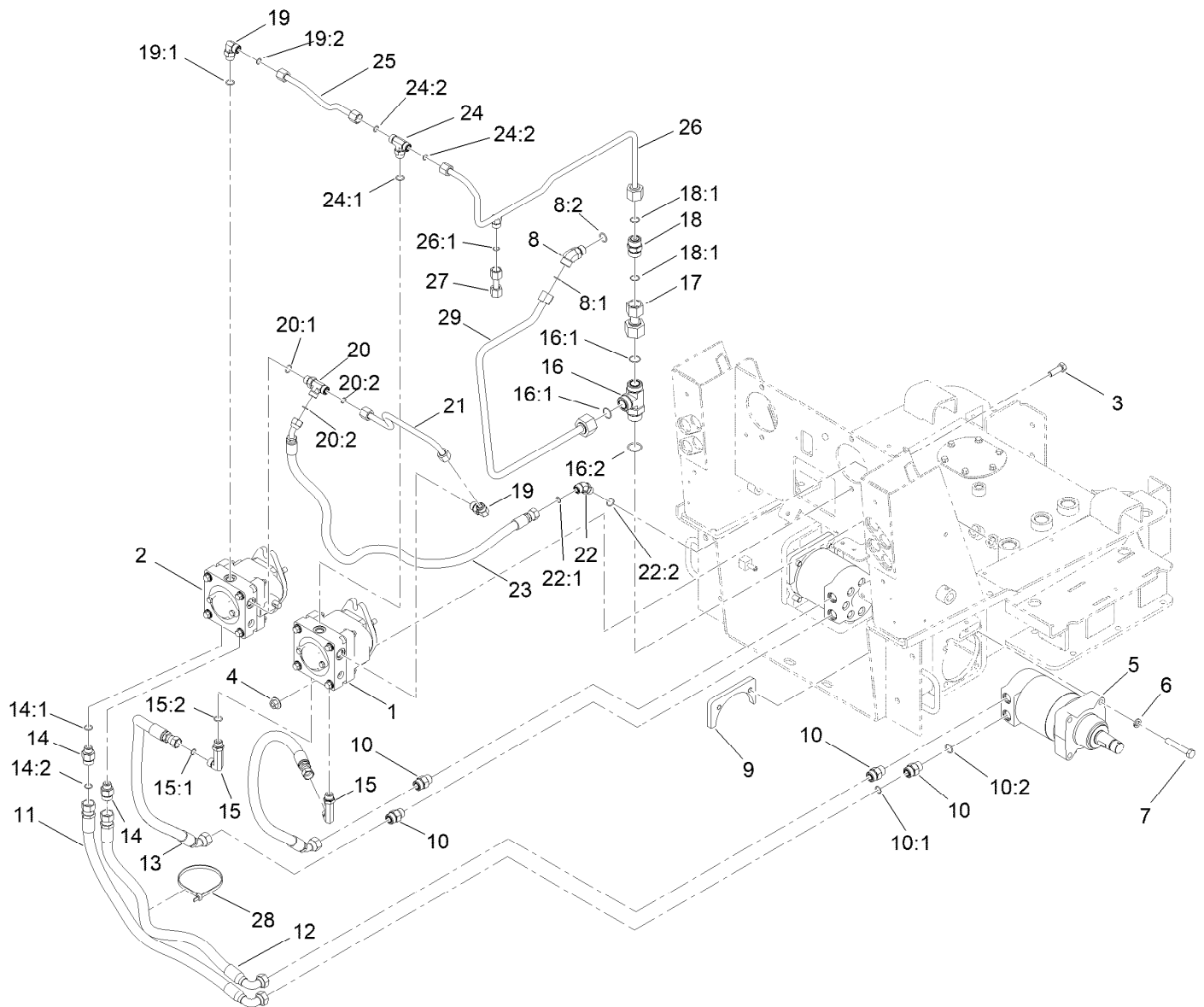
Hydraulic Gear Pump Assembly No. 106-7650 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-4238	1	Key-Square
2	107-9316	1	Seal Kit
2:1		1	Seal-Shaft ●
2:2		1	Seal-Square ●
2:3		2	Ring-Backup ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2:4		2	Seal-Gear ●
2:5		2	Ring-Backup ●
2:6		2	Seal-Gear-Rear ●
2:7		1	O-Ring ●

● Not serviced separately

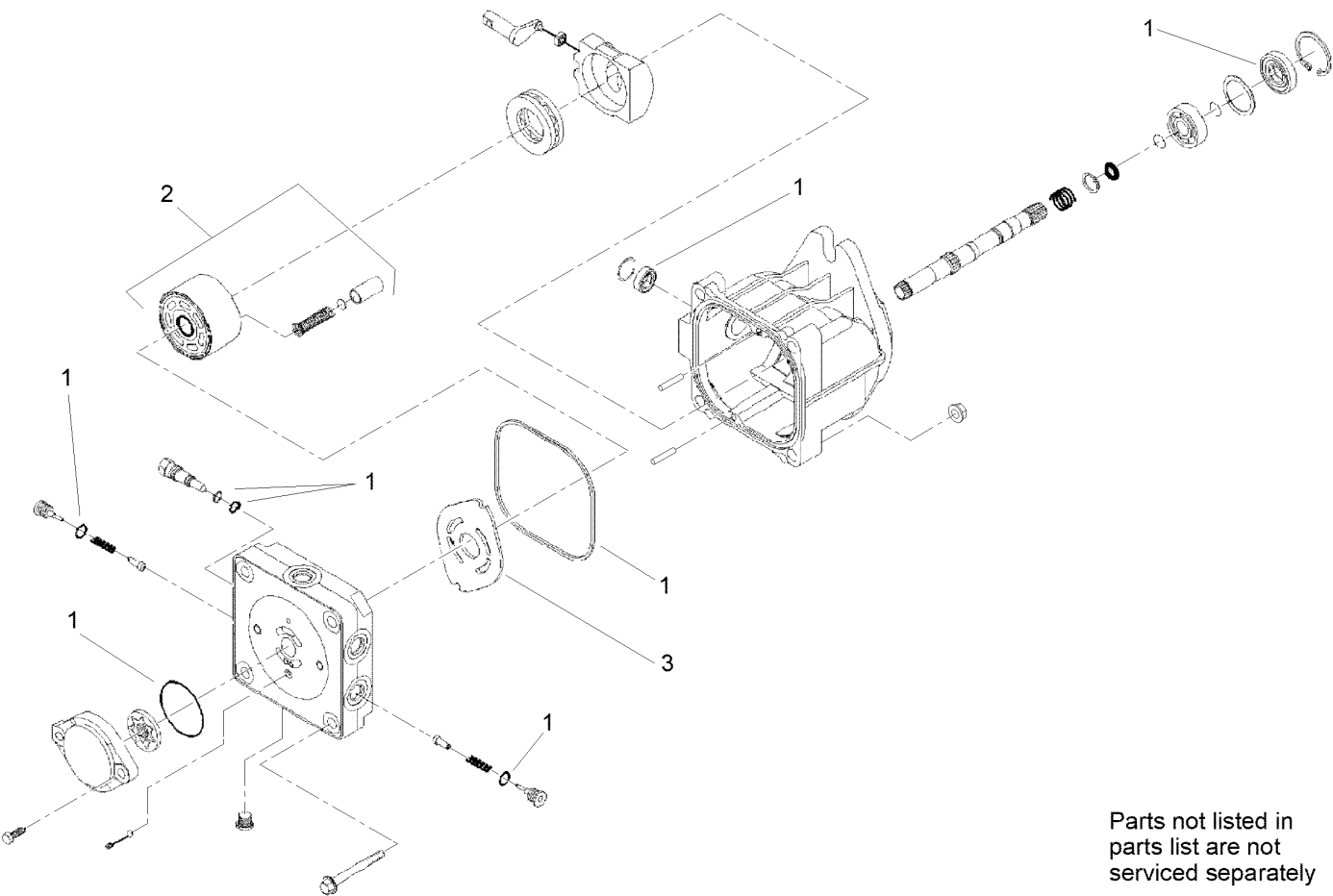
Traction Hydraulic Assembly



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	106-5706	1	RH HYD Pump ASM	16:2	237-146	1	O-Ring
2	106-5705	1	LH HYD Pump ASM	17	105-0226	1	Tube-HYD
3	325-6	4	Screw-HH	18	99-6161	1	HYD Check Valve ASM
4	32128-52	4	Nut-Lock, Flg	18:1	237-58	2	O-Ring
5	106-7654	2	HYD Motor ASM	19	340-98	2	Fitting-Elbow, 90 DEG
6	3253-7	8	Washer-Lock	19:1	237-79	1	O-Ring
7	115-4845	8	Screw-HH, TAP	19:2	237-30	1	O-Ring
8	340-14	1	Fitting-HYD, 45 DEG	20	340-109	1	Fitting-Tee
8:1	237-65	1	O-Ring	20:1	237-79	1	O-Ring
8:2	237-80	1	O-Ring	20:2	237-30	2	O-Ring
9	98-2763-03	2	Plate-Mounting	21	98-0200	1	Tube-HYD
10	340-7	4	Fitting-Straight	22	340-101	1	Fitting-HYD, 45 DEG
10:1	237-65	1	O-Ring	22:1	237-30	1	O-Ring
10:2	237-80	1	O-Ring	22:2	237-79	1	O-Ring
11	115-4829	1	Hose-HYD	23	98-0201	1	Hose-HYD
12	115-4826	1	Hose-HYD	24	340-157	1	Fitting-HYD, Tee
13	98-0233	2	Hose-HYD	24:1	237-79	1	O-Ring
14	340-155	2	Fitting-Straight	24:2	237-30	2	O-Ring
14:1	237-79	1	O-Ring	25	106-9330	1	Tube-HYD
14:2	237-151	1	O-Ring	26	108-4665	1	HYD Tube ASM
15	99-6160	2	Fitting-Elbow, 90 Long	26:1	237-30	1	O-Ring
15:1	237-30	1	O-Ring	27	108-4666	1	Tube-HYD
15:2	237-79	1	O-Ring	28	3334-945	1	Tie-Cable
16	104-3795	1	Fitting-Tee	29	117-3988	1	Tube-HYD
16:1	340-65	2	O-Ring				

Hydraulic Pump Assembly No. 106-5705 and 106-5706

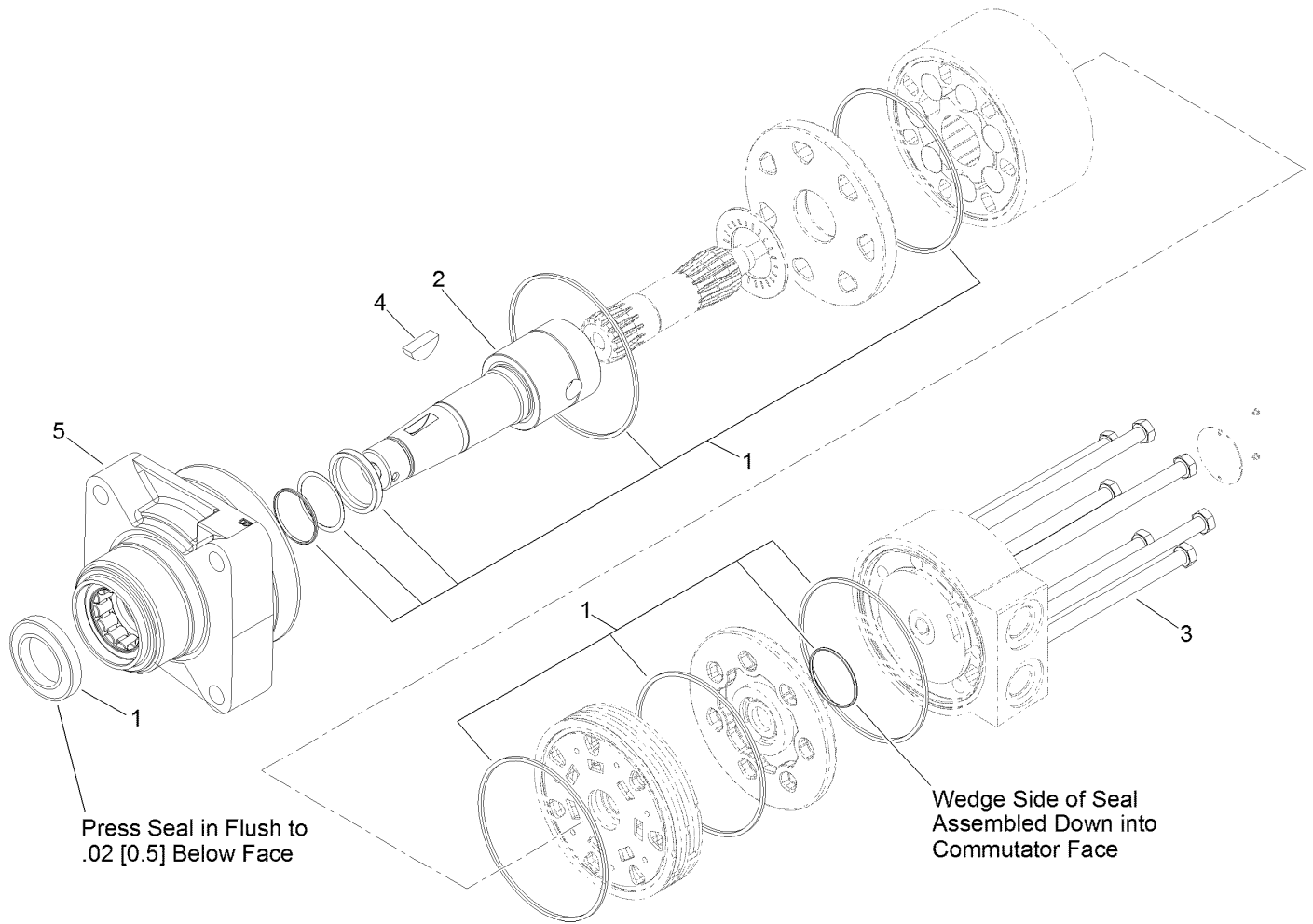


Hydraulic Pump Assembly No. 106-5705 and

106-5706 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-6110	1	Overhaul Seal Kit
2	94-1913	1	Cylinder Block ASM
3	100-6112	1	Plate-Valve

Hydraulic Motor Assembly No. 106-7654

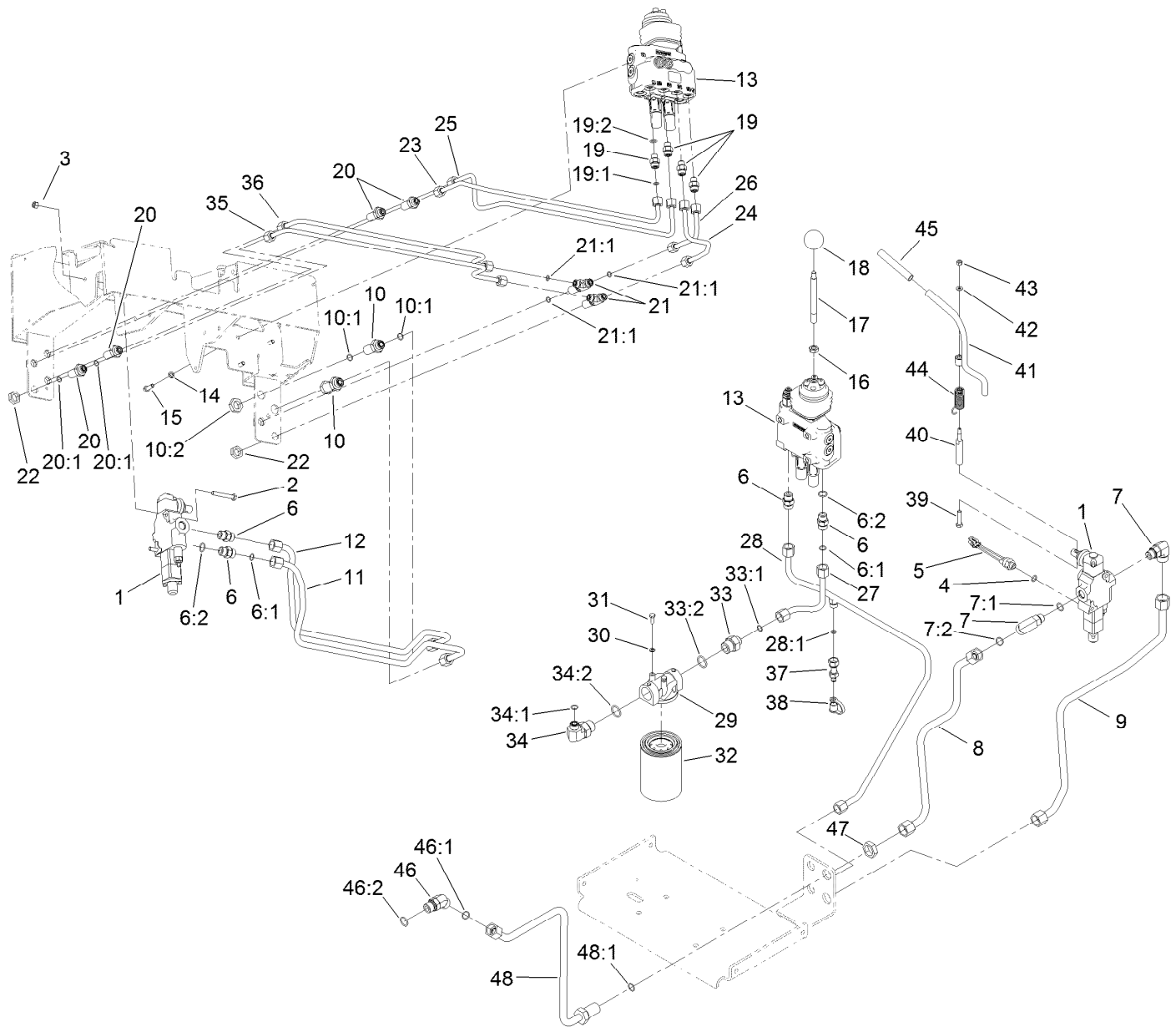


Hydraulic Motor Assembly No. 106-7654 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-6131	1	Seal Kit
2	106-7645	1	Coupling-Shaft
3	100-4241	7	Screw-HH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	3257-42	1	Key-Woodruff
5	108-5634	1	Motor Housing ASM

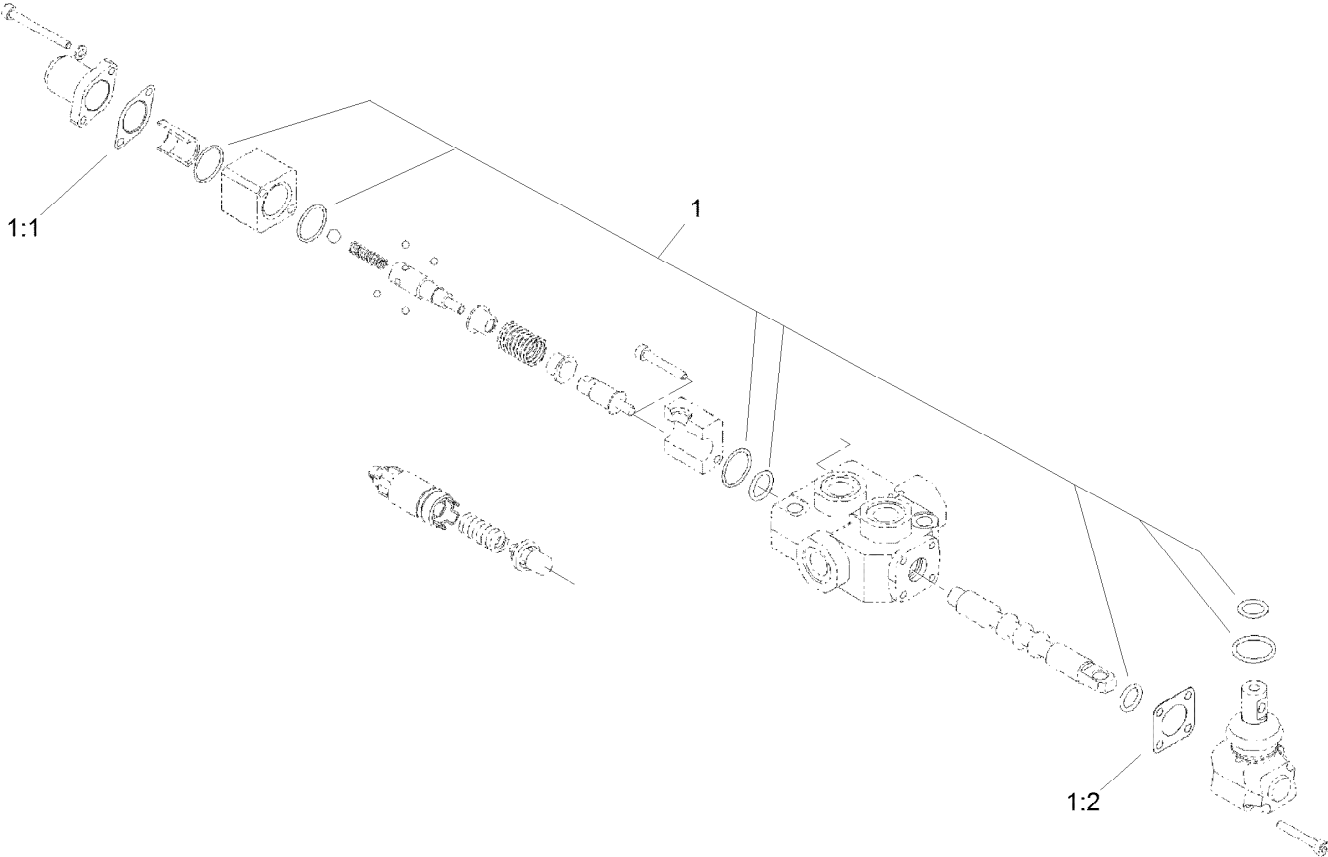
Main Hydraulic Assembly



Main 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	104-2831	1	1 Spool Valve ASM	24	106-9313	1	Tube-HYD
2	322-11	2	Screw-HH	25	106-9314	1	Tube-HYD
3	3296-29	2	Nut-Lock, NI	26	106-9315	1	Tube-HYD
4	237-42	1	O-Ring	27	106-9385	1	Tube-HYD
5	72-4310	1	Switch-Ball	28	106-9387	1	HYD Tube ASM
6	340-4	4	Fitting-Straight	28:1	237-22	1	O-Ring
6:1	237-30	1	O-Ring	29	92-5821	1	Head-Filter
6:2	237-79	1	O-Ring	30	3253-3	2	Washer-Lock
7	340-153	2	Fitting-Elbow, 90 DEG	31	321-4	2	Screw-HH
7:1	237-79	1	O-Ring	32	86-3010	1	Filter-Oil
7:2	237-151	1	O-Ring	33	100-4240	1	Fitting-STR
8	104-5707	1	Tube-HYD	33:1	237-30	1	O-Ring
9	106-9309	1	Tube-HYD	33:2	237-81	1	O-Ring
10	340-161	2	Fitting-Bulkhead	34	340-131	1	Fitting-HYD, 90 DEG
10:1	237-30	2	O-Ring	34:1	237-30	1	O-Ring
10:2	340-127	1	Nut-Bulkhead	34:2	237-81	1	O-Ring
11	106-9310	1	Tube-HYD	35	106-9316	1	Tube-HYD
12	106-9311	1	Tube-HYD	36	106-9317	1	Tube-HYD
13	144-7354	1	2 Spool Valve ASM	37	86-5480	1	Nipple-Test
14	3253-4	3	Washer-Lock	38	354-79	1	Cap-Dust
15	322-4	3	Screw-HH	39	33114-035	1	Screw-HH
16	51-2070	1	Nut	40	104-2827	1	Spacer-Hiflo
17	108-4675	1	Shaft-Handle, Loader	41	112-2739	1	Lever-Auxiliary
18	233-21	1	Knob	42	3256-16	1	Washer-Flat
19	340-2	4	Fitting-Straight	43	3296-42	1	Nut-Lock, NI
19:1	237-22	1	O-Ring	44	112-2738	1	Spring-Torsion
19:2	237-42	1	O-Ring	45	112-2605	1	Grip-Rubber
20	340-71	4	Fitting-Straight, Bulkhead	46	340-14	1	Fitting-HYD, 45 DEG
20:1	237-22	2	O-Ring	46:1	237-65	1	O-Ring
21	340-68	2	Fitting-Tee, Bulkhead	46:2	237-80	1	O-Ring
21:1	237-22	3	O-Ring	47	340-74	1	Nut-Lock, Bulkhead
22	340-70	6	Nut-Lock	48	106-9333	1	HYD Tube ASM
23	106-9312	1	Tube-HYD	48:1	237-65	1	O-Ring

One Spool Valve Assembly No. 104-2831



One Spool Valve Assembly No. 104-2831 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-4390	1	Seal Kit
1:1	99-3074	4	Gasket
1:2	99-3075	8	Gasket

This technical drawing is an exploded view of a mechanical assembly, likely a pump or valve mechanism. The components are numbered as follows:

- 1**: Main housing or body.
- 2**: A bracket or support plate.
- 3**: A small pin or screw.
- 4**: A small pin or screw.
- 5**: A small pin or screw.
- 6**: A small pin or screw.
- 7**: A small pin or screw.
- 8**: A small pin or screw.
- 9**: A small pin or screw.
- 10**: A small pin or screw.
- 11**: A small pin or screw.
- 12**: A small pin or screw.
- 13**: A small pin or screw.
- 14**: A small pin or screw.
- 15**: A small pin or screw.
- 16**: A small pin or screw.
- 17**: A small pin or screw.
- 18**: A small pin or screw.
- 19**: A small pin or screw.
- 20**: A small pin or screw.
- 21**: A small pin or screw.

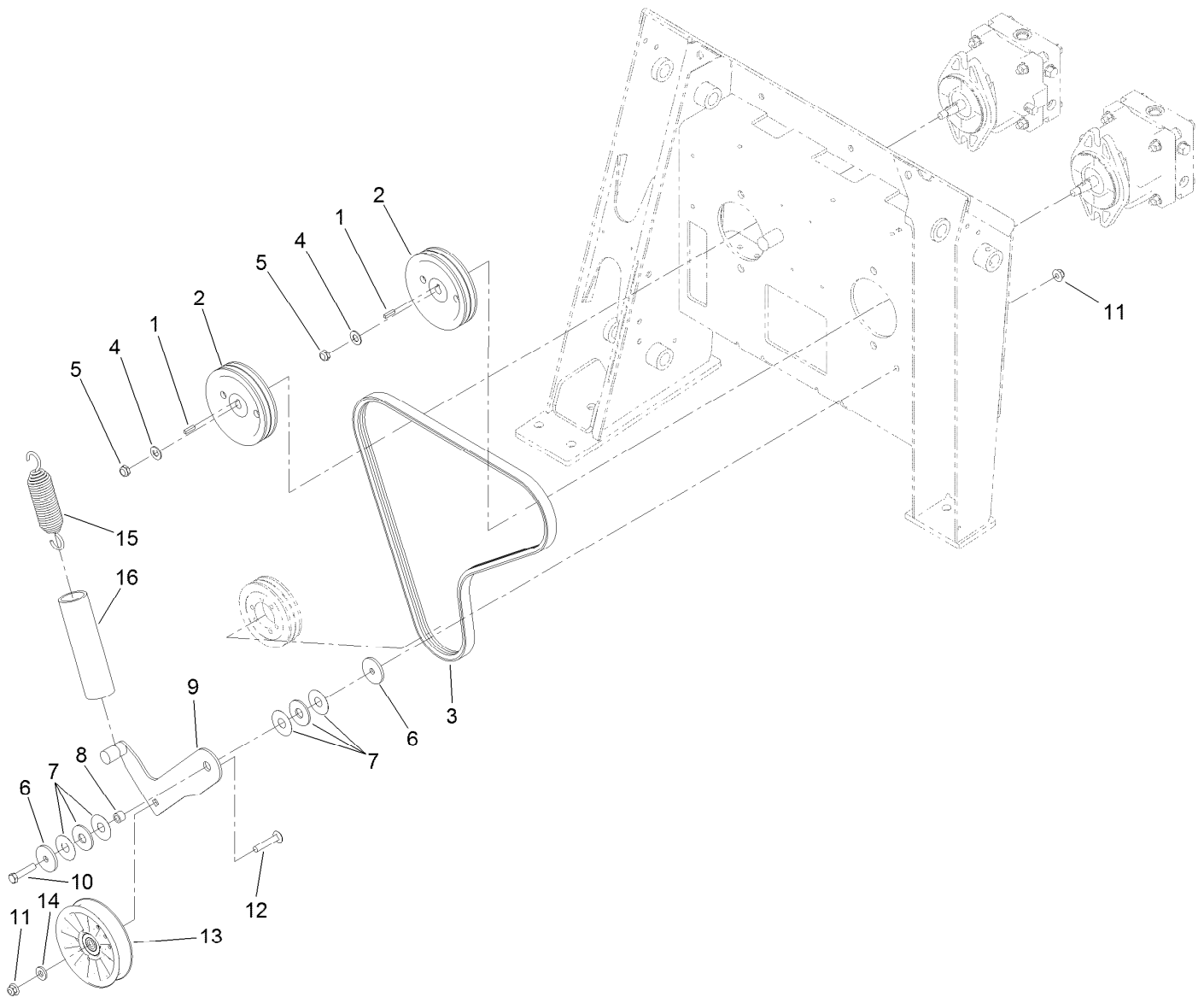
The diagram shows the assembly sequence and relative positions of these parts. Some parts are shown in multiple quantities (e.g., 1:1, 1:2, 1:3, 1:4, 1:5, 1:6, 1:7, 1:8, 1:10, 2:1, 21:1). The assembly is shown in a disassembled state to illustrate the relationship between the components.

Two Spool Valve Assembly No. 144-7354 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-7724	1	Joystick Kit
1:1	98-0668	3	Nut
1:2	106-7726	1	Pivot-Joystick
1:3	106-7727	1	Pin-Joystick
1:4	106-7728	1	End-Rod
1:5	42-9850	3	Washer-Lock, Spring
1:6	98-5828	3	Screw-HSH
1:7	106-7729	1	Bellow-Rubber
1:8	3290-379	1	Tie-Cable
1:9	106-7730	2	Joint-Joystick
1:10	106-7731	1	Holder-Articulated

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	106-7725	1	Seal-Joystick
13	106-7732	1	Valve Spring Kit
14	106-7733	1	Detent Spring Kit
15	106-7734	2	Valve-Relief
16	106-7735	1	Valve-Relief, Main
17	106-7736	1	Spool-Valve
18	144-7350	1	Spool - Valve
19	106-7738	2	Seal-Valve, Spool
20	106-7719	2	Seal-Valve
21	353-988	3	Plug-Hex
21:1	237-79	1	O-Ring

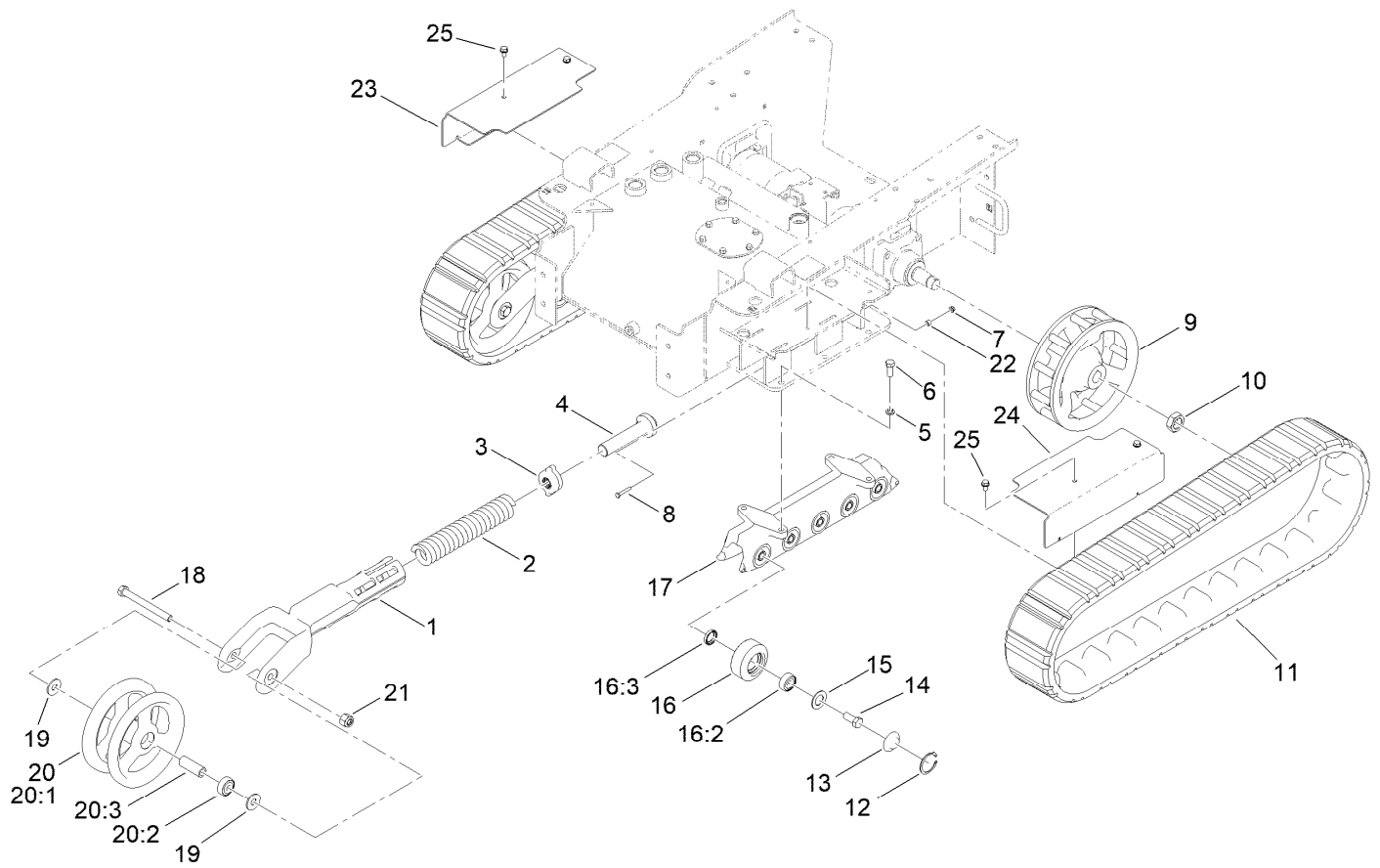
Hydraulic Pump Pulley Assembly



Hydraulic Pump Pulley 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	3-6168	2	Key	9	115-1486	1	Arm-Idler
2	106-5710	2	Pulley-3V	10	323-9	1	Screw-HH
3	95-3611	1	V-Belt	11	104-8301	2	Nut-HF, NI
4	3256-25	2	Washer-Flat	12	117-9971	1	Bolt-Carriage
5	3296-38	2	Nut-Lock, NI	13	119-2358	1	Pulley-Idler
6	115-1485	2	Washer-Plain	14	43-0940	1	Spacer
7	114-0463	2	Washer-Friction, Composite	15	105-0383	1	Spring-Extension
8	115-4986	1	Spacer	16	112-2409	1	Retainer-Spring

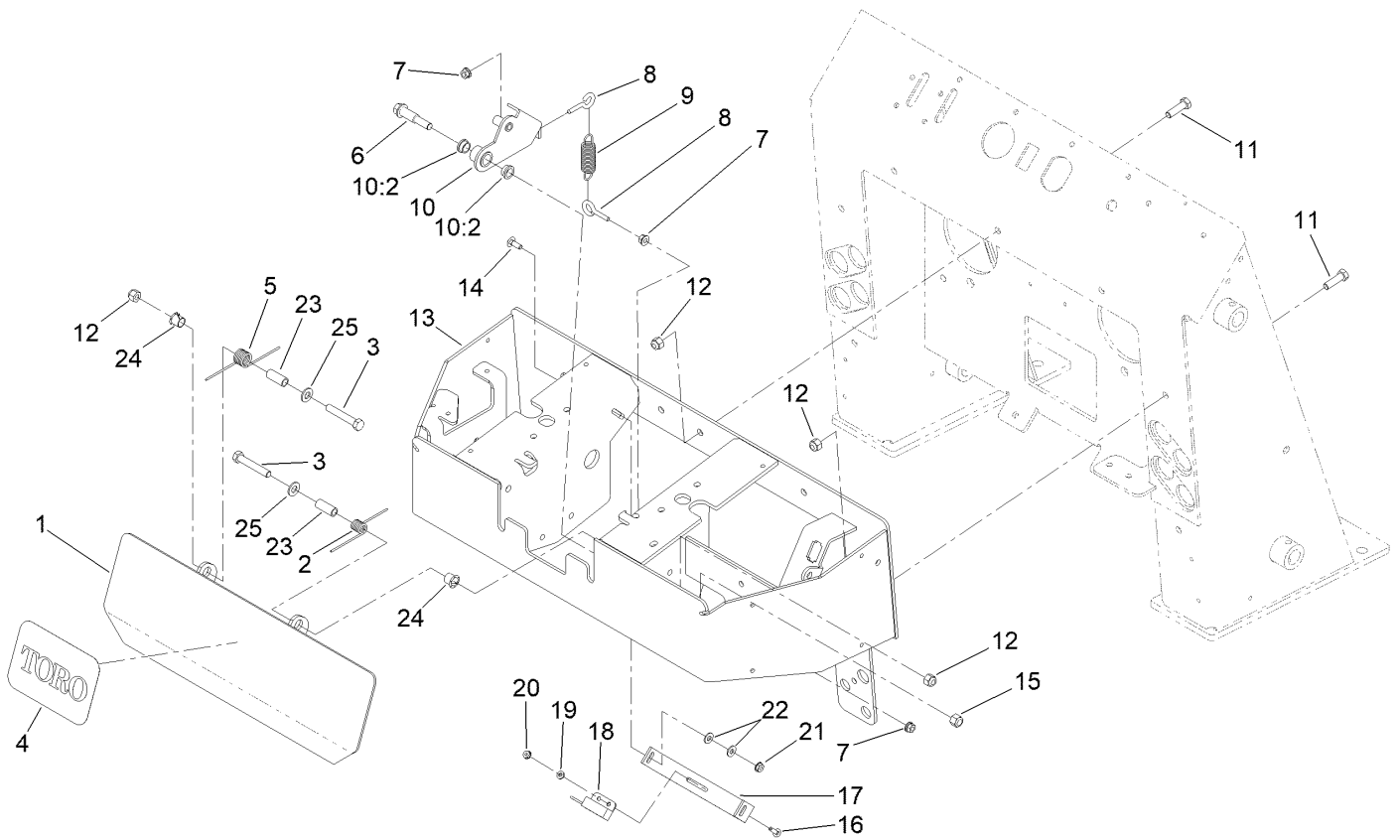
Track and Traction Assembly



Track and Traction 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	108-4691-05	2	Arm-Tensioner, [blk-Txt]	16:2	120-5378	1	Bearing-Ball
2	95-3624	2	Spring-Compression	16:3	253-118	1	Seal-Oil
3	108-4664	2	Block-Tensioner	17	117-1310-0P	2	Guide-Track, Tx Narrow [prime
4	98-9846	2	Bolt-Tensioner	18	327-17	2	Screw-HH
5	3253-7	8	Washer-Lock	19	3256-7	4	Washer-Flat
6	325-5	8	Screw-HH	20	104-5745	2	Tensioner Wheel ASM
7	32128-32	2	Nut-HHF	20:1	104-5747-03	1	Wheel-Tensioner
8	321-37	2	Screw-HH	20:2	98-9835	1	Spacer-Wheel, Tensioner
9	108-5643	2	Wheel-Drive, Tx 420	20:3	120-5378	2	Bearing-Ball
10	107-9319	2	Nut-Hex	21	3296-24	2	Nut-Hex
11	136-5847	2	Track	22	98-4799	2	Spacer
12	106-7595	20	Ring-Snap, Internal	23	161-9494-05	1	Cover-Frame, Track
13	106-7557	20	Cap-Wheel, Bearing	24	163-3272-05	1	Cover-Track, Track [blk-Txt]
14	327-4	20	Screw-HH	25	32144-15	4	Screw-HHFTF
15	106-7585	20	Gasket-Bogie				
16	138-0782	20	Road Wheel ASM				

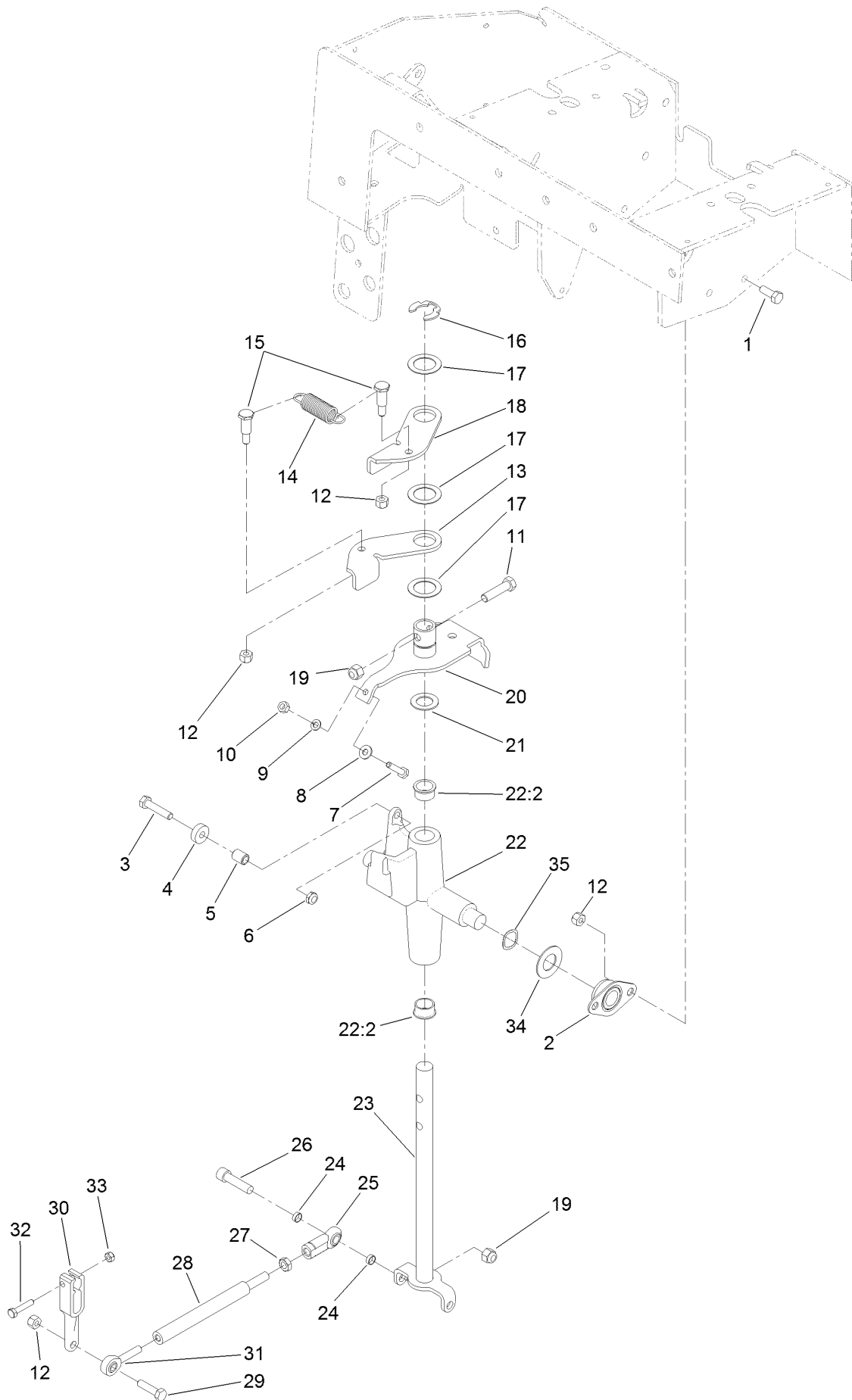
Control Panel Assembly



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	112-2786-05	1	Reverse Plate ASM (Welded)	12	3296-39	7	Nut-Lock, NI
2	98-8425	1	Spring-Torsion, LH	13	163-3275-01	1	Control Panel ASM [red]
3	323-11	2	Screw-HH	14	3229-1	2	Screw-CARR
4	105-1217	1	Decal	15	3296-6	1	Nut-Lock
5	98-8424	1	Spring-Torsion, RH	16	3229-20	2	Screw-CARR
6	66-0560	1	Bolt-Shoulder	17	100-1263	1	Plate-Switch
7	32128-32	4	Nut-HHF	18	100-1270	1	Switch-Proximity
8	71-2870	2	Bolt-Eye	19	3256-51	2	Washer-Flat
9	108-4724	1	Spring-Extension	20	32149-7	2	Nut-Keps
10	100-4203	1	Neutral Centering Lever ASM	21	32149-2	2	Nut-Keps
10:2	256-156	2	Bushing-Flange	22	3256-22	4	Washer-Flat
11	323-7	5	Screw-HH	23	114-1337	2	Spacer-Spring
				24	256-257	2	Bushing-Nyliner
				25	3256-24	2	Washer-Plain

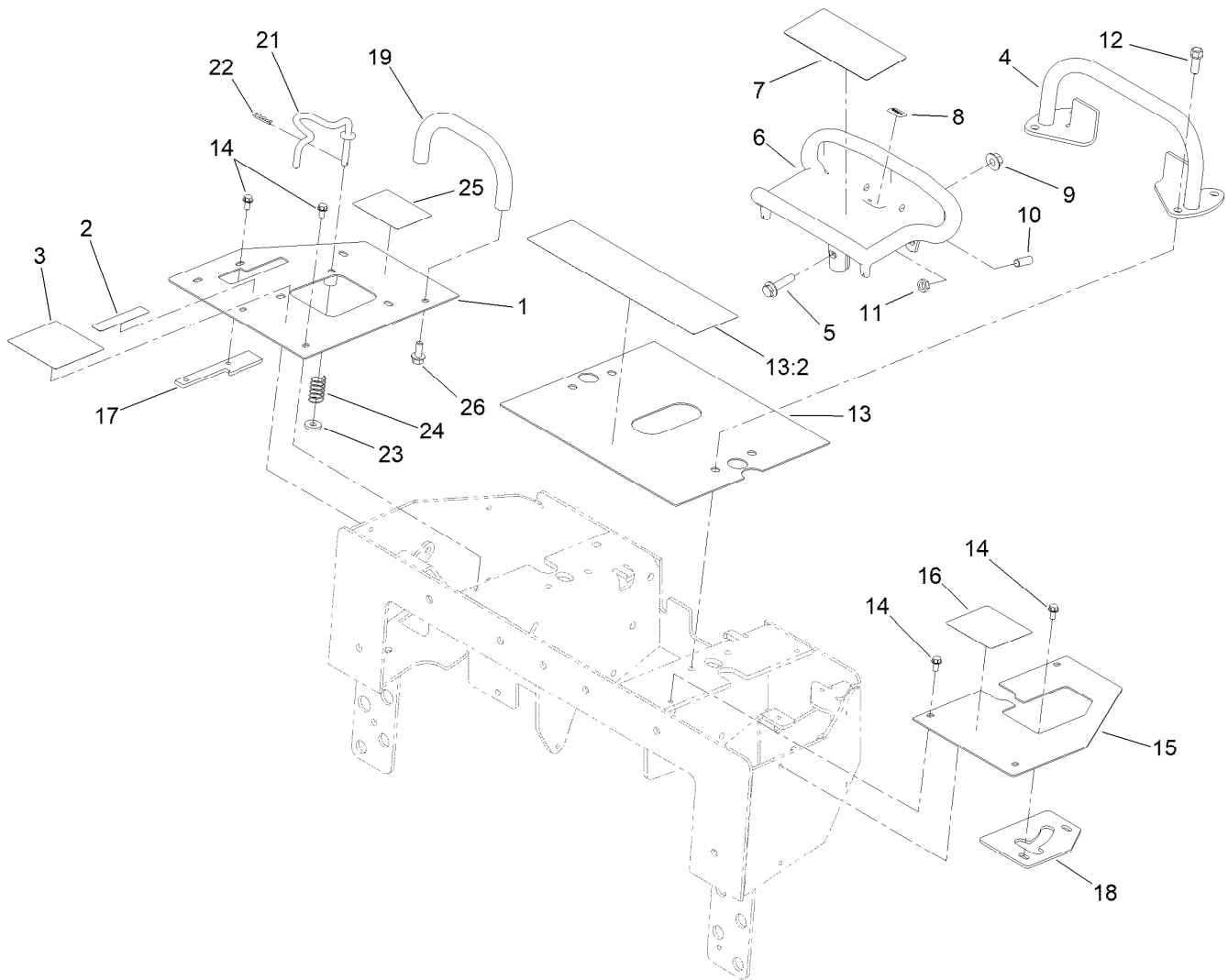
Traction Control Assembly



Traction Control 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	322-4	4	Screw-HH	19	3296-39	3	Nut-Lock, NI
2	27-2320	2	Bearing	20	112-2783	1	Lever-Pivot
3	322-7	1	Screw-HH	21	257-8	1	Washer-Thrust
4	251-259	1	Bearing-Ball	22	106-5737	1	Control Support ASM
5	88-7450	1	Spacer-Lever, Control	22:2	256-252	2	Bearing-Flange
6	3296-47	1	Nut-Lock, NI	23	117-6335	1	Rod-Drive
7	114-0282	1	Screw-HH	24	117-9915	4	Spacer
8	3256-22	1	Washer-Flat	25	103-1167	2	Joint-Ball End, LH
9	3253-3	1	Washer-Lock	26	3274-2	2	Screw-HSH
10	3217-5	1	Nut-Hex	27	3220-16	2	Nut-Hex Jam, LH
11	323-8	1	Screw-HH	28	117-9900	2	Rod-Linkage
12	3296-29	8	Nut-Lock, NI	29	322-6	2	Screw-HH
13	98-8407	1	Lever-Return, RH	30	117-3964-03	2	Arm-Control, Pump
14	108-4724	1	Spring-Extension	31	117-9969	2	Bearing-Rod End, RH
15	63-2650	2	Screw-Shoulder	32	33113-030	2	Screw-HH
16	32151-91	1	Ring-Retaining	33	33023-00	2	Nut-Lock
17	108-9743	3	Washer-Plain	34	3256-39	2	Washer-Flat
18	98-8408	1	Lever-Return, LH	35	95-3703	2	Washer-Spring, Wave

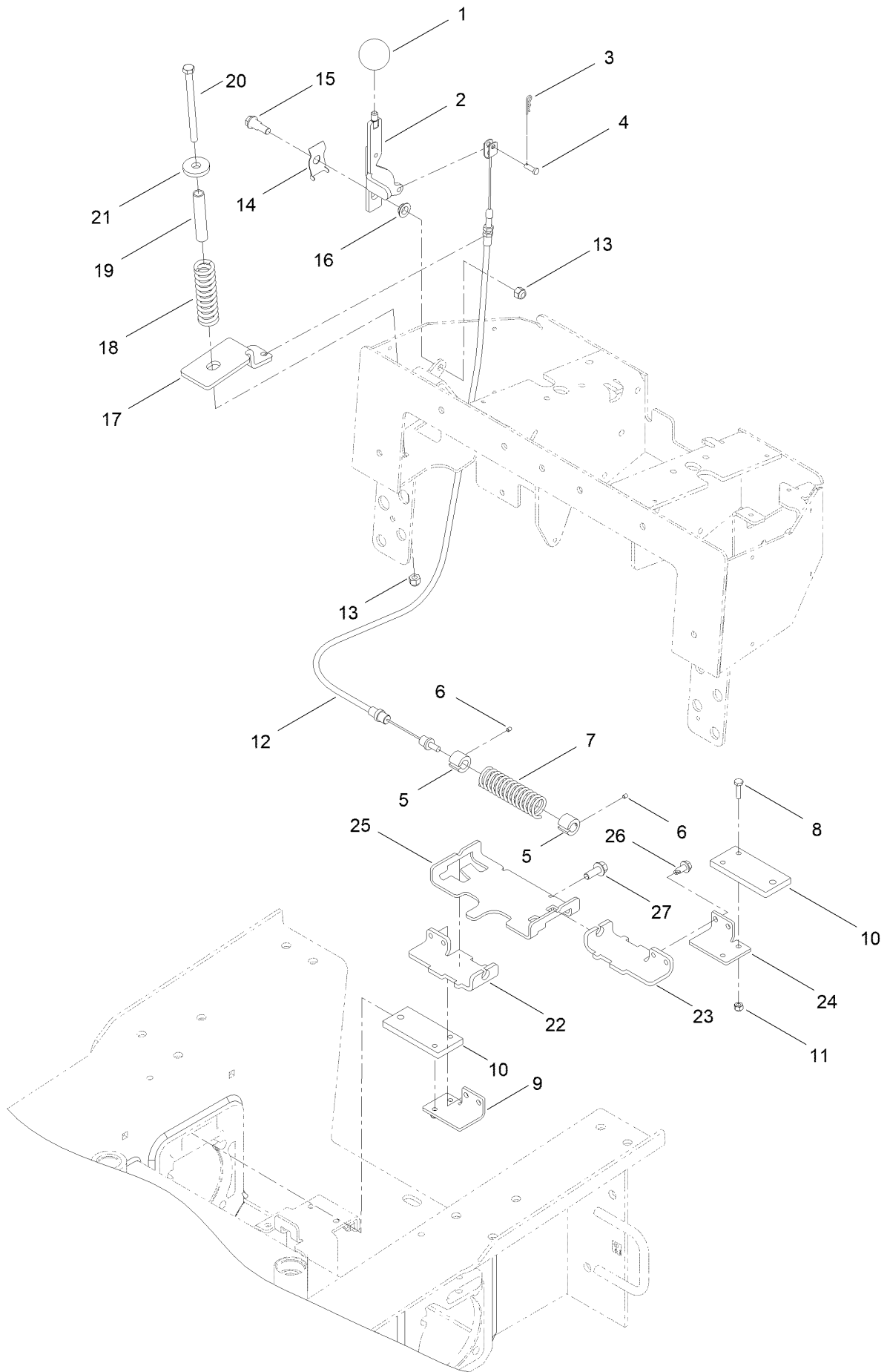
Control Handle and Reference Bar Assembly



Control Handle and Reference Bar 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	163-3273-01	1	Cover-Control, RH [red]	13:2	115-4860	1	Decal-Danger
2	115-4859	1	Decal-Brake	14	9266714	9	Screw-HWH
3	161-9448	1	Decal-Controls	15	163-3269-01	1	Panel-Control, LH
4	106-7715-05	1	Bar-Reference [blk-Txt]	16	115-4861	1	Decal-Control, Auxiliary
5	3234-18	1	Screw-HHF	17	112-2691	1	Plate-Locking, Brake
6	120-5380-05	1	Handle-Control [blk-Txt]	18	112-2749-01	1	Plate-Stop
7	115-4020	1	Decal-Traction	19	112-2620-05	1	Bar-Reference
8	98-1459	1	Decal	21	115-4580	1	Rod-Interlock
9	32128-43	1	Nut-Flange	22	3290-307	1	Pin-Cotter
10	3247-6	2	Screw-Set	23	88-7200	1	Washer-Flat
11	3218-3	2	Nut-Jam	24	85-6750	1	Spring-Control
12	95-1726	4	Screw-Taptite	25	115-4862	1	Decal-Loader Lock
13	108-4643	1	Center Panel ASM	26	3234-5	2	Screw-HHF

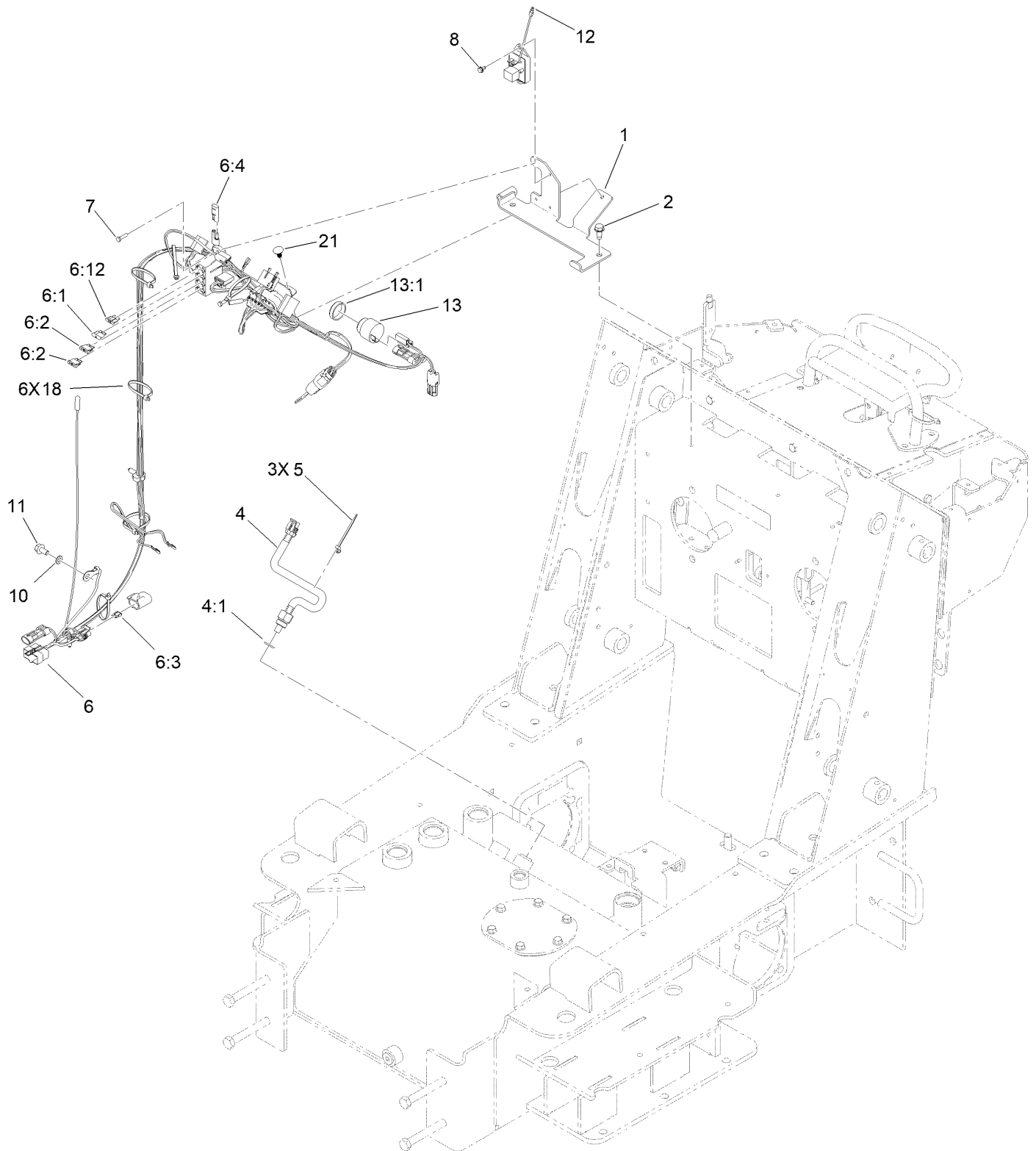
Brake Cable Assembly



Brake Cable 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	233-21	1	Knob	15	94-6177	1	Bolt-Shoulder
2	112-2694-05	1	Brake Handle ASM (Welded)	16	93-2368	1	Bushing-Flange
3	3290-307	1	Pin-Cotter	17	115-4854-03	1	Bracket-Cable, Spring
4	283-67	1	Pin-Clevis	18	114-1254	1	Spring-Compression
5	100-6274	2	Tube-Guide	19	114-1255	1	Spacer-Spring
6	3245-20	2	Screw-Set	20	323-39	1	Screw-HH
7	100-1678-03	1	Spring	21	98-0691	1	Washer-Hardened
8	321-6	4	Screw-HH	22	112-2788-0P	1	Bracket-Mounting, Brake R.H.
9	112-2789-0P	1	Bar-Link, Brake R.H.	23	112-2733-0P	1	Bracket-Mounting, Brake L.H.
10	112-2735-0P	2	Plate-Brake	24	112-2734-0P	1	Bar-Link, Brake L.H.
11	3296-42	4	Nut-Lock, NI	25	110-0224-0P	1	Support-Bar, Brake
12	112-2791	1	Cable-Brake	26	32104-32	4	Screw-HWH
13	3296-39	2	Nut-Lock, NI	27	3234-11	2	Screw-HHF
14	112-2695	1	Spring-Leaf				

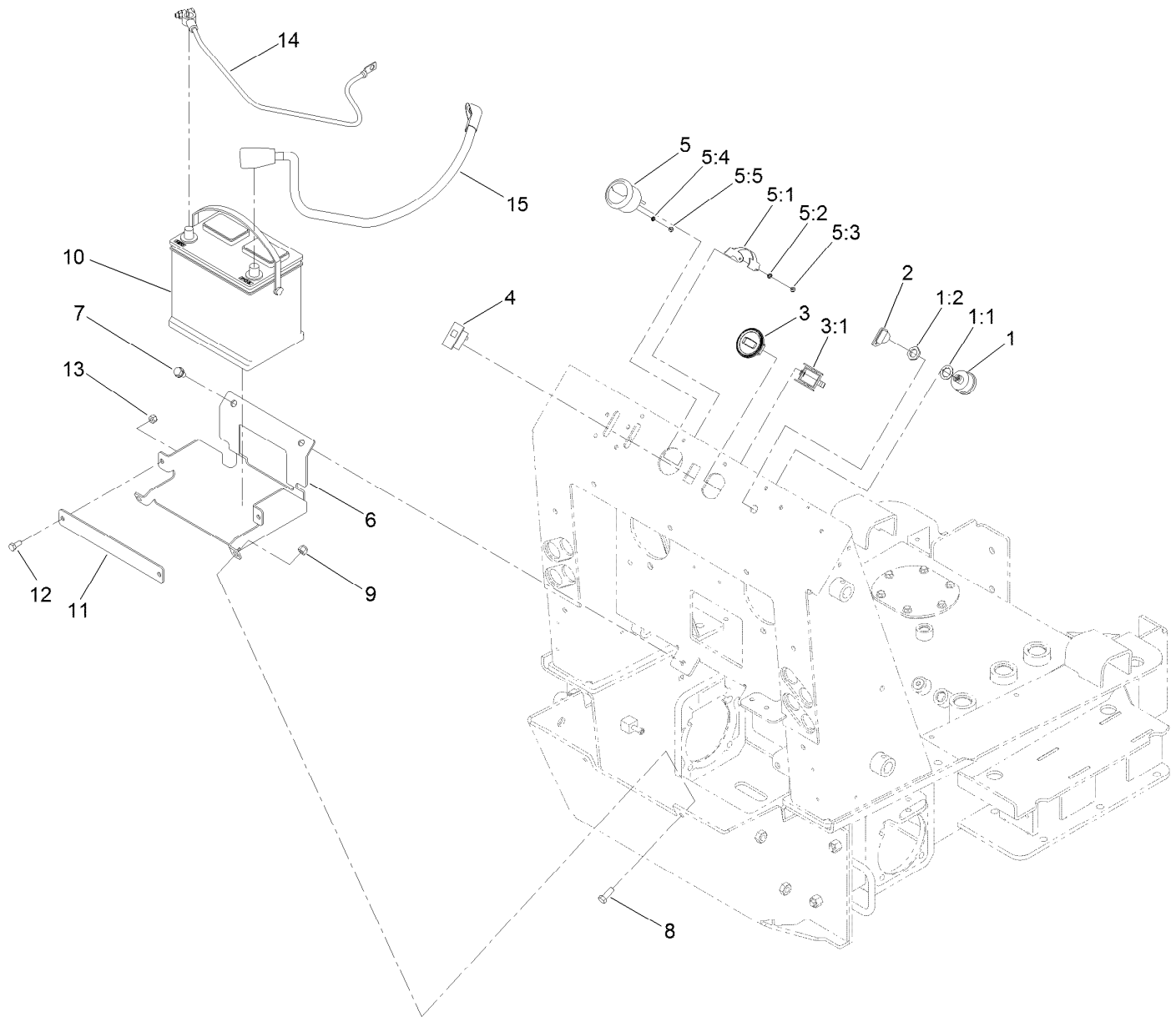
Electrical Assembly



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	163-3213-03	1	Fuse/Relay Bracket ASM [black]	6:12	114241	1	Fuse-Blade, 7.5 Amp
2	32144-11	2	Screw-HWH	7	32104-4	2	Screw
4	98-2765	1	Switch-Temperature	8	104-2065	2	Screw-HWH
4:1	237-79	1	O-Ring	10	3255-8	1	Washer-Lock
5	3290-381	3	Tie-Cable	11	33104-016	1	Screw-HHF
6	122-3955	1	Harness-Wire, Main	12	99-7422	1	Module-Delay, Ignition
6:1	94-6710	1	Fuse-2 Amp	13	80-9330	1	Audio Alarm ASM
6:2	109355	2	Fuse-Blade, 15 Amp	13:1	104-5107	1	Nut-Plastic, Knurled
6:3	109103	1	Fuse-Blade, 30 Amp	18	3290-378	6	Tie-Cable
6:4	116-0053	1	Cap-Plug	21	117-2382	1	Plug-Plastic

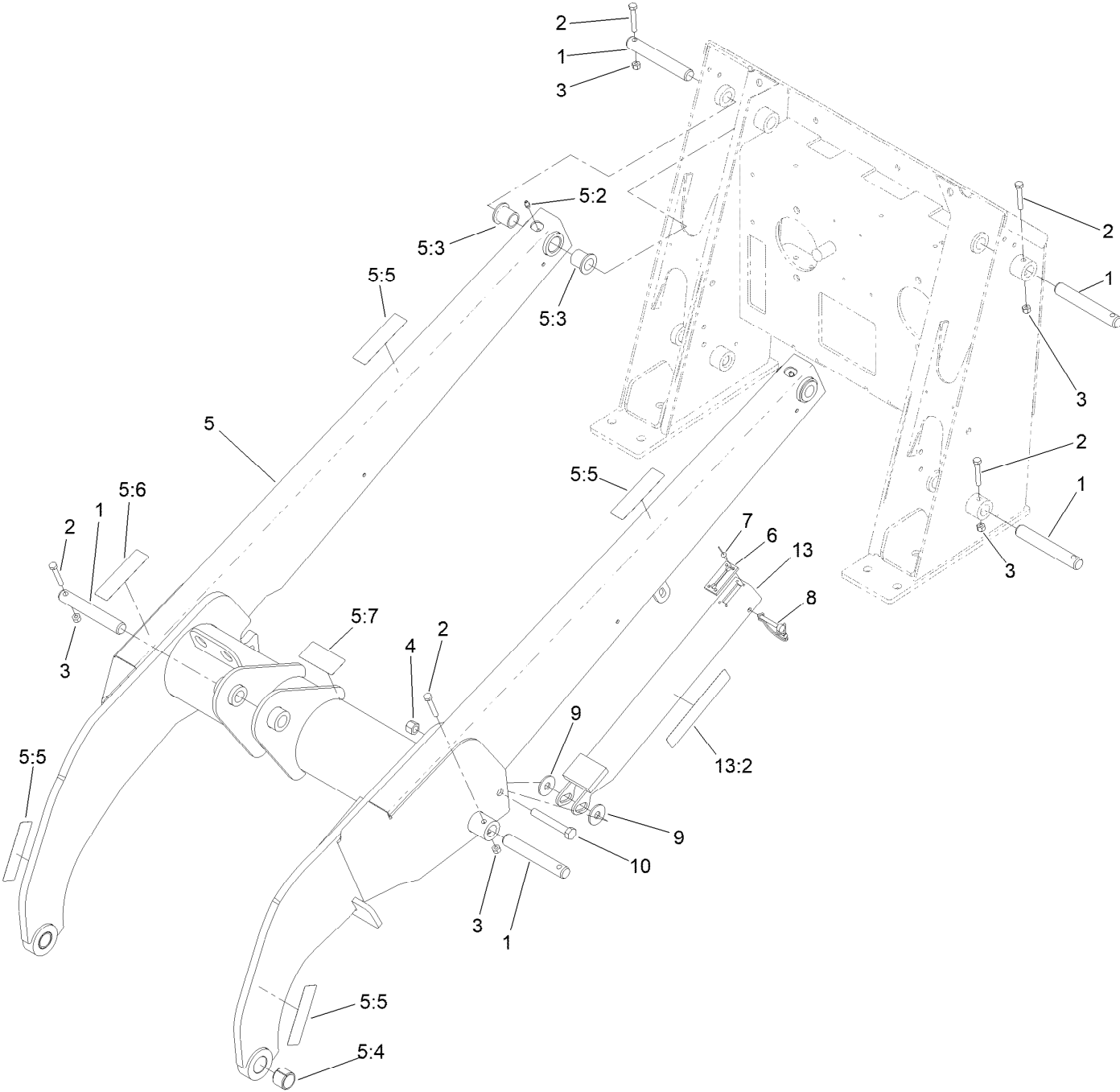
Battery, Key Switch and Fuel Gauge Assembly



Battery, Key Switch and Fuel Gauge 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	88-9830	1	Key Switch ASM	5:5	3217-16	3	Nut-Hex
1:1	3254-5	1	Washer-Lock	6	106-9390-03	1	Tray-Mounting, Battery
1:2	218-461	1	Nut-HH	7	32144-69	2	Screw-HWHTF
2	63-8360	3	Key-Ignition	8	323-6	2	Screw-HH
3	104-7427	1	Inductive Hourmeter ASM	9	3296-39	2	Nut-Lock, NI
3:1	104-4234	1	Clip-Mounting	10	104-9979	1	Battery
4	104-2839	1	Light-Temp, Oil	11	105-0371-03	1	Clamp-Battery
5	66-2940	1	Gauge-Fuel	12	322-3	2	Screw-HH
5:1	100-6147	1	Bracket-Mounting, Gauge	13	3296-29	2	Nut-Lock, NI
5:2	3254-1	2	Washer-Lock, Int	14	106-5708	1	Cable-Battery, Negative
5:3	3217-27	2	Nut-Hex	15	106-5707	1	Cable-Battery, Positive
5:4	3255-24	3	Washer-Lock / EXT				

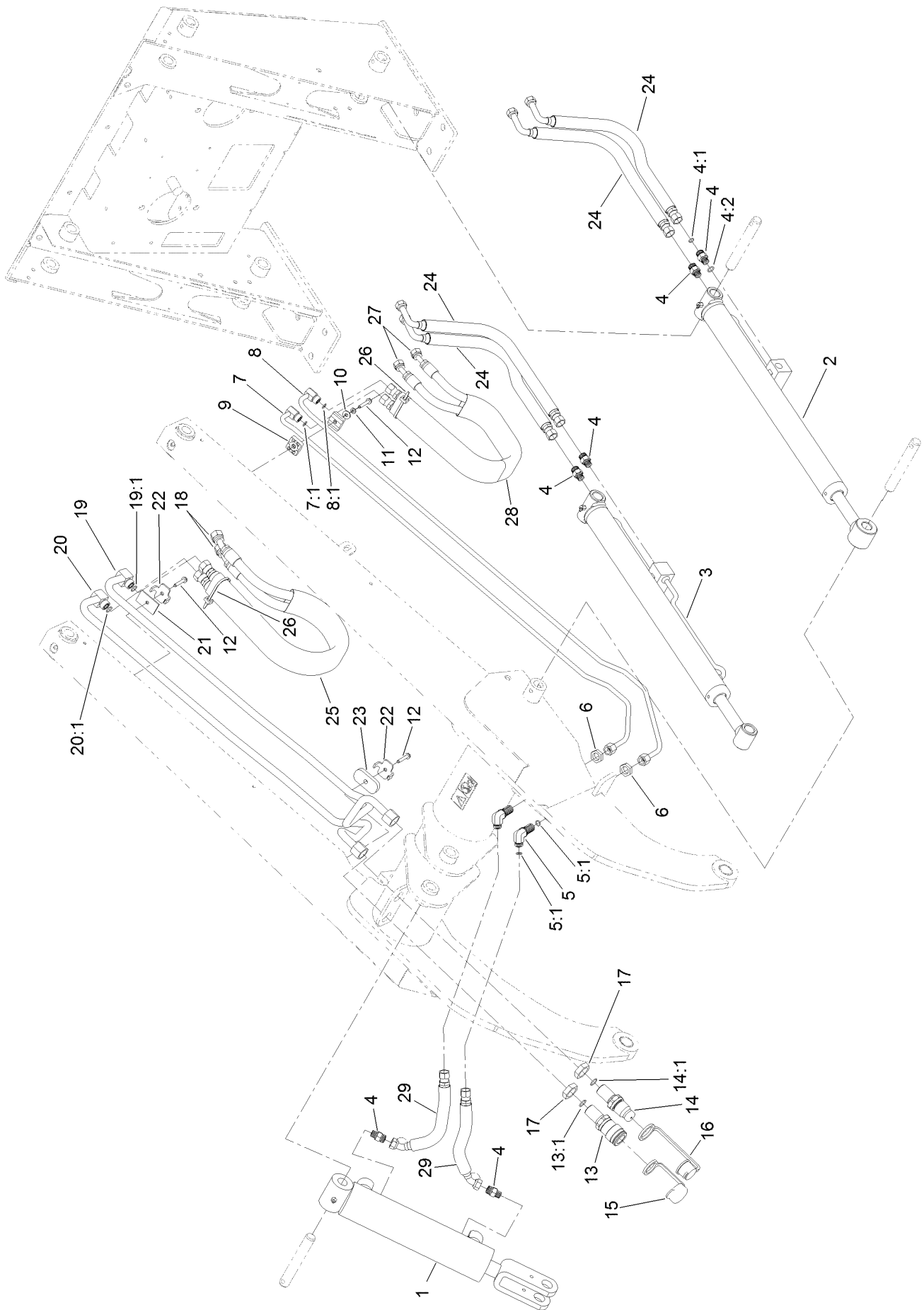
Loader Arm Assembly



Loader 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	104-2849	7	Pin-Locking	5:6	115-4855	1	Decal-Caution
2	322-10	7	Screw-HH	5:7	100-8822	1	Decal-No Rider
3	3296-29	7	Nut-Lock, NI	6	98-0083	1	Stop-Rubber
4	3296-23	1	Nut-Lock, NI	7	95-1687	4	Rivet
5	163-3282	1	Loader Arm ASM	8	100-1663	1	Pin-Hitch
5:2	302-5	2	Fitting-Grease	9	68-1440	2	Washer-Rubber
5:3	95-3577	4	Bushing	10	325-14	1	Screw-HH
5:4	98-4871	2	Bushing-Tension	13	108-4639	1	Locking Arm ASM
5:5	100-8821	4	Decal-Warning, Pinch	13:2	115-4858	2	Decal-Danger

Loader Arm Hydraulic Assembly



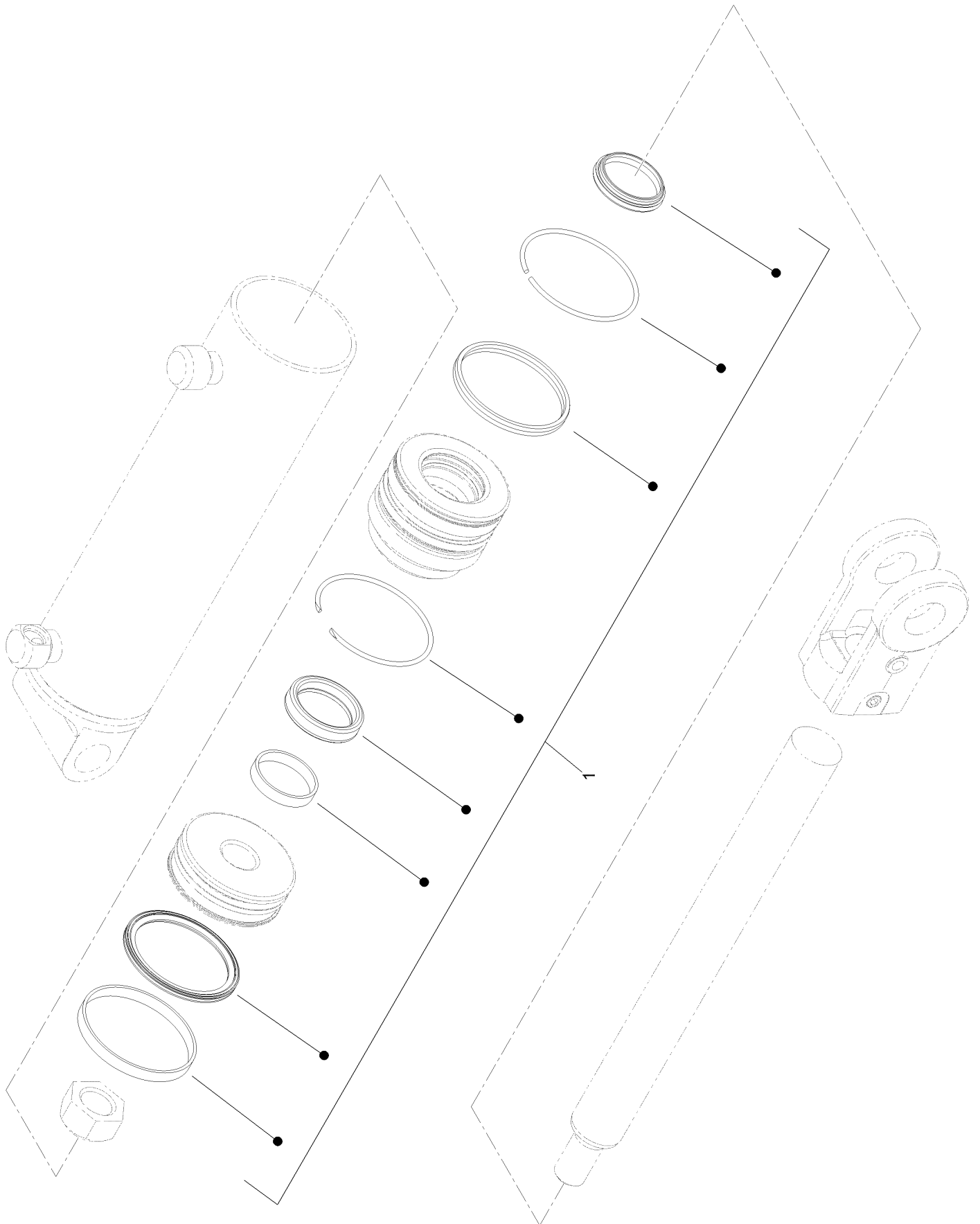
Loader Arm Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-0778	1	HYD CYL ASM
2	139-0776	1	LH HYD CYL ASM
3	139-0777	1	RH HYD CYL ASM
4	340-2	6	Fitting-Straight
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	340-154	2	Union-Bulkhead
5:1	237-22	2	O-Ring
6	340-70	2	Nut-Lock
7	106-9364	1	HYD Tube ASM
7:1	237-22	1	O-Ring
8	106-9365	1	HYD Tube ASM
8:1	237-22	1	O-Ring
9	56-7973	2	Clamp-Tube
10	3256-2	1	Washer-Flat
11	3253-3	1	Washer-Lock
12	94-2691	3	Screw-HWH Taptite
13	105-8394	1	Bulkhead Coupler ASM
13:1	237-65	1	O-Ring
14	105-8395	1	Bulkhead Nipple ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14:1	237-65	1	O-Ring
14:2	100-6120	1	Seal Kit ●
15	100-8816	1	Cap-Dust, Coupler
16	100-8815	1	Cap-Dust, Nipple
17	340-74	2	Nut-Lock, Bulkhead
18	98-0242	2	Hose-HYD
19	112-2563	1	HYD Tube ASM
19:1	237-30	1	O-Ring
20	108-6319	1	HYD Tube ASM
20:1	237-30	1	O-Ring
21	106-9366	1	Spacer-Hardline
22	98-0237	2	Plate-Clamp, Tube
23	112-2565	1	Plate-Hardline
24	98-0216	4	Hose-HYD
25	100-6128	1	Sleeve-Protective
26	3290-378	2	Tie-Cable
27	98-0213	2	Hose-HYD
28	100-6127	1	Sleeve-Protective
29	98-0207	2	Hose-HYD

● Not illustrated

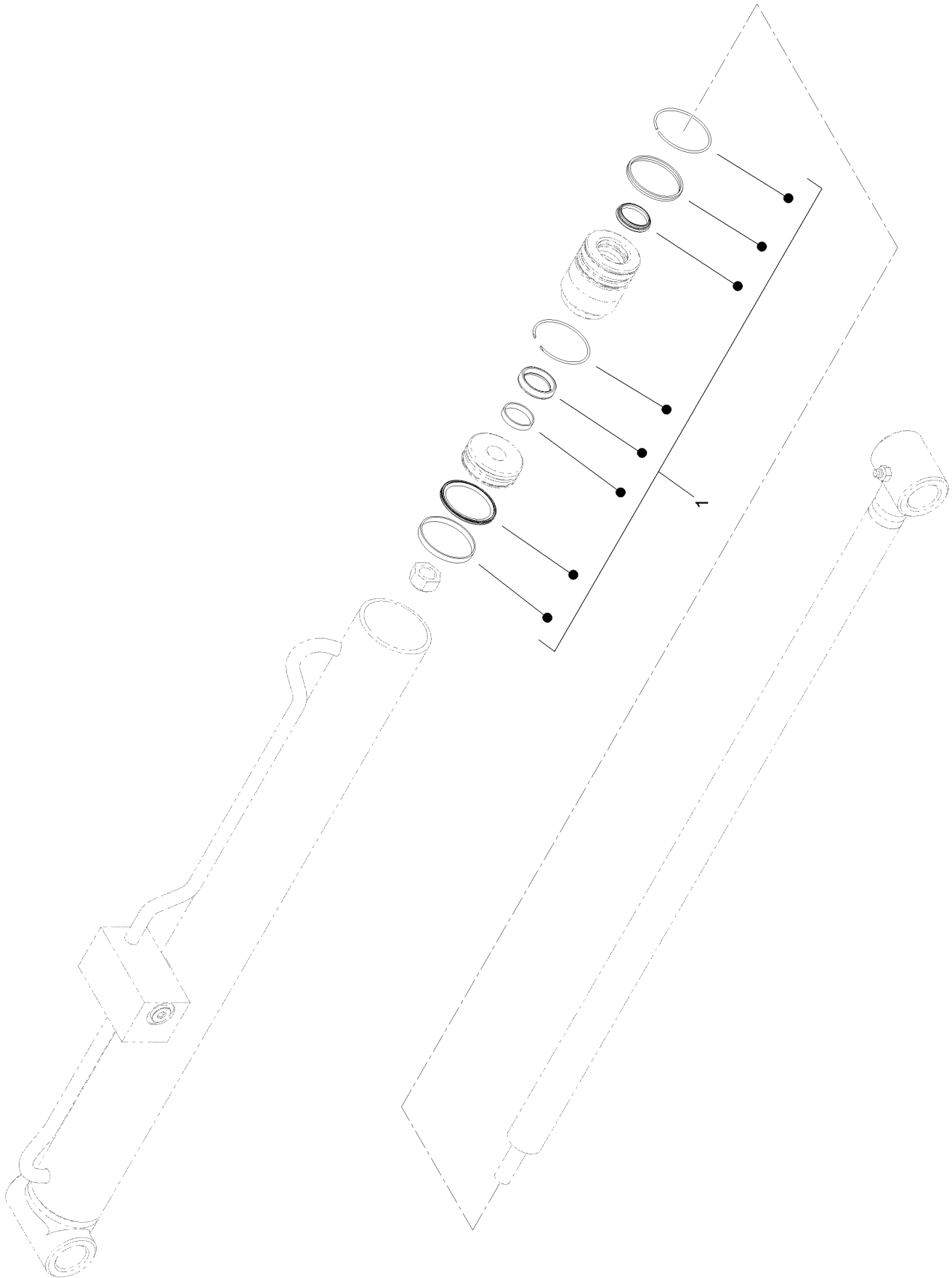
Hydraulic Cylinder Assembly No. 139-0778



Hydraulic Cylinder Assembly No. 139-0778 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-0808	1	Seal Kit

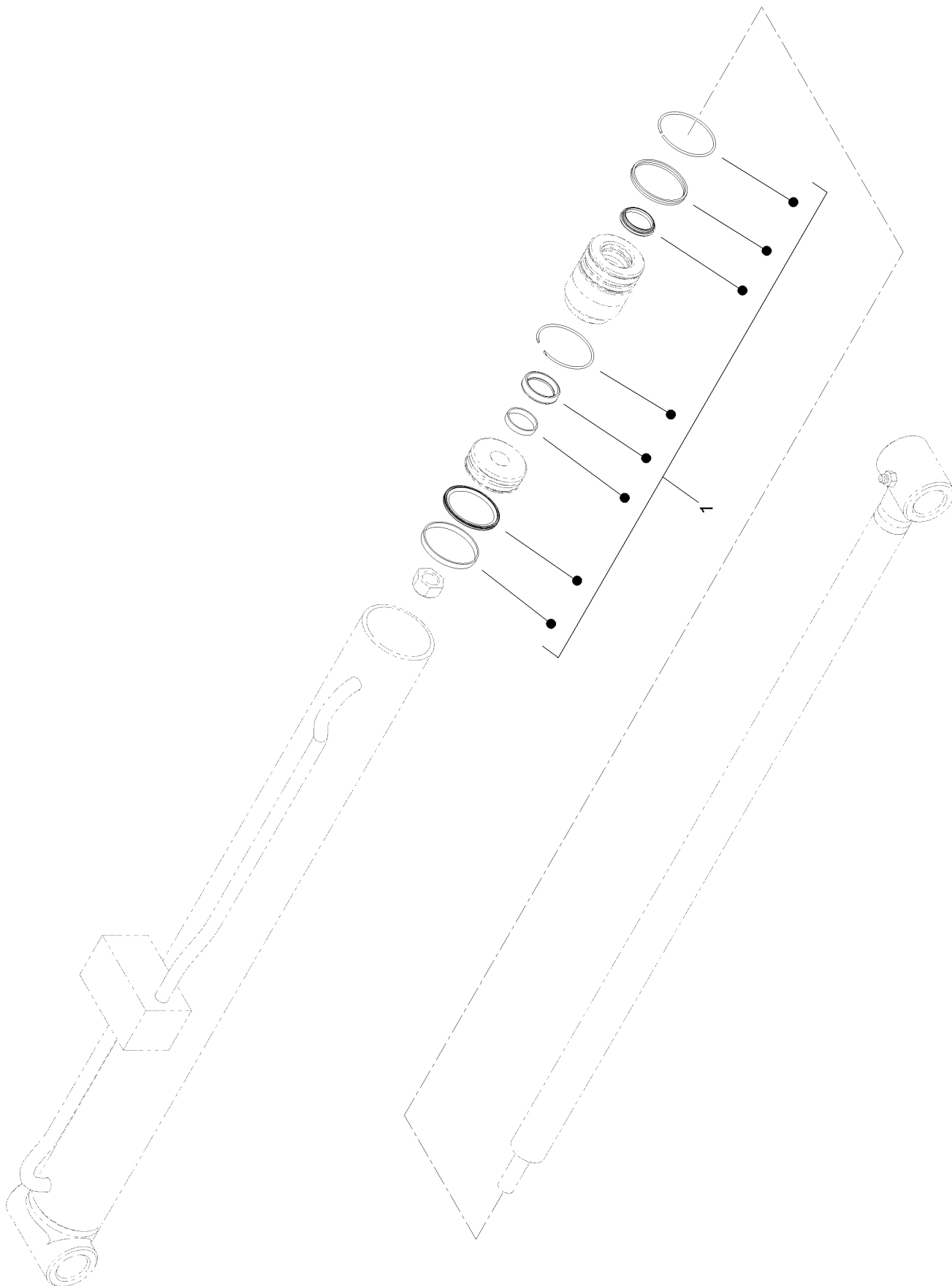
Hydraulic Cylinder Assembly No. 139-0776



Hydraulic Cylinder Assembly No. 139-0776 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-0807	1	Seal Kit

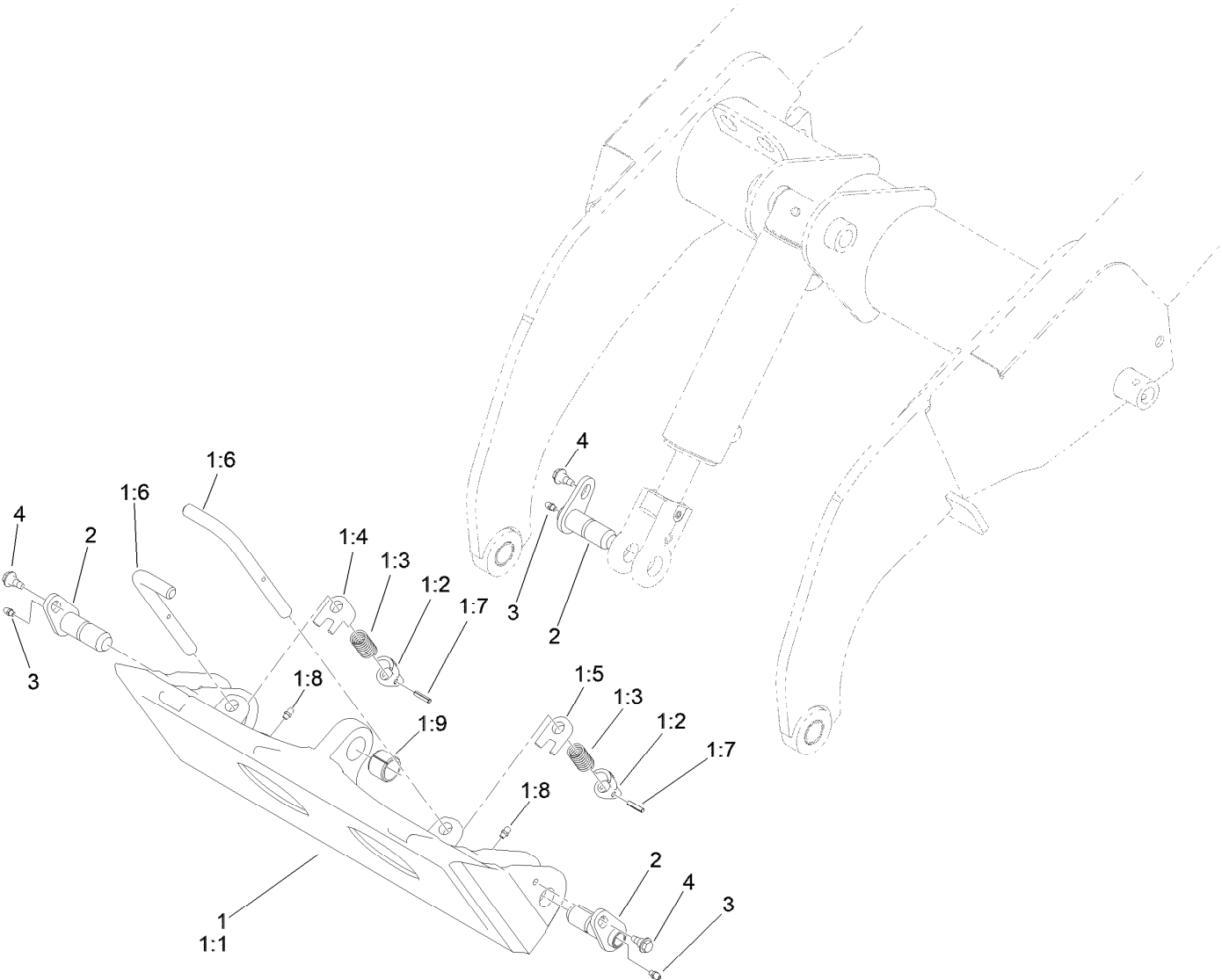
Hydraulic Cylinder Assembly No. 139-0777



Hydraulic Cylinder Assembly No. 139-0777 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-0807	1	Seal Kit

Quick Attach Assembly

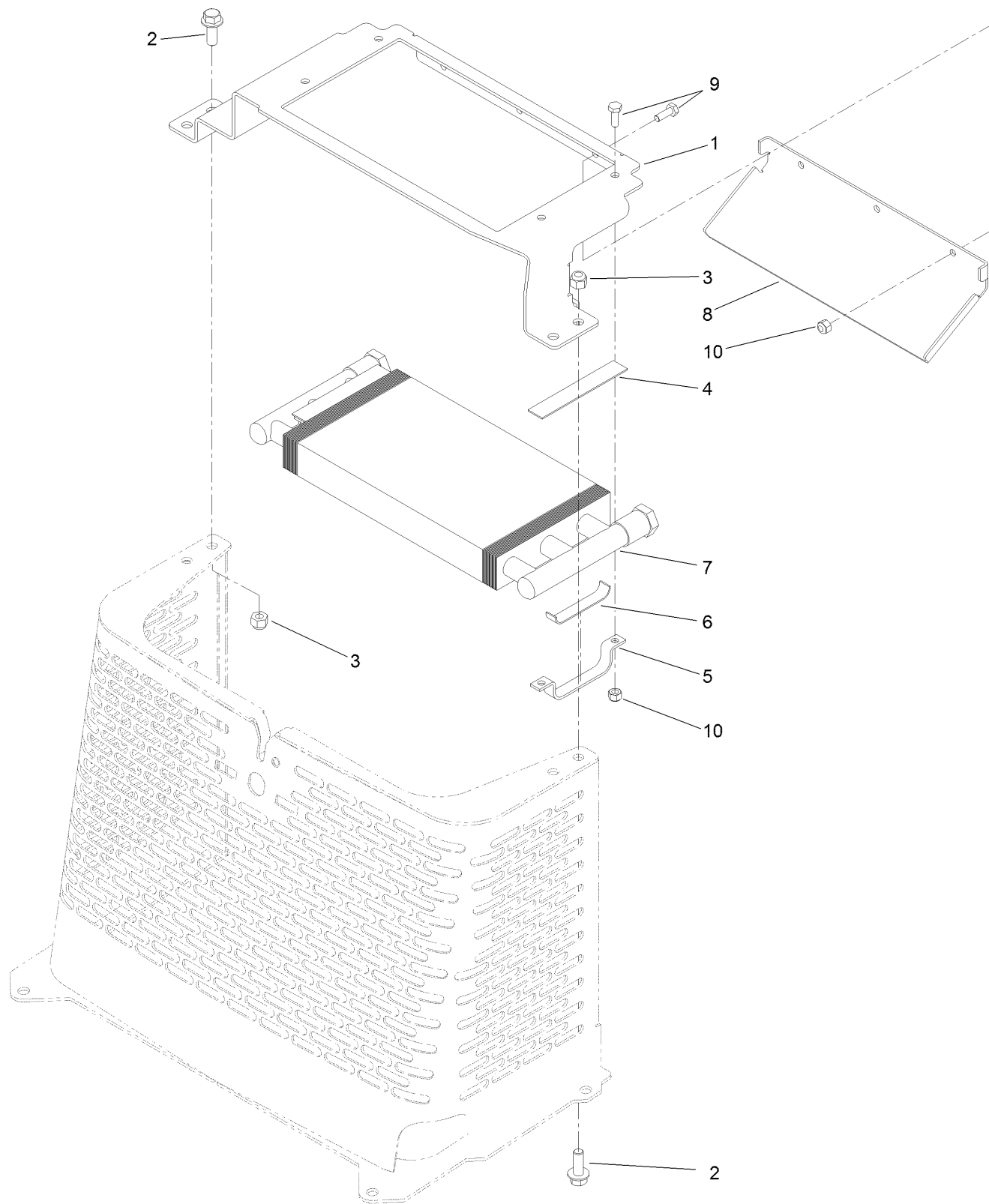


Quick Attach Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-8418	1	Quick Attach ASM
1:1	130-7708-03	1	Mount-Qtach
1:2	105-0246	2	Cam
1:3	98-4694	2	Spring-Compression
1:4	104-5909	1	Stop-RH
1:5	104-5903	1	Stop-LH
1:6	132-8419	2	Pin-Locking

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:7	3285-1	2	Pin-Grooved
1:8	302-5	2	Fitting-Grease
1:9	98-4871	1	Bushing-Tension
2	130-5222	3	Pin-Pivot
3	302-5	3	Fitting-Grease
4	99-5105	3	Screw-Shoulder

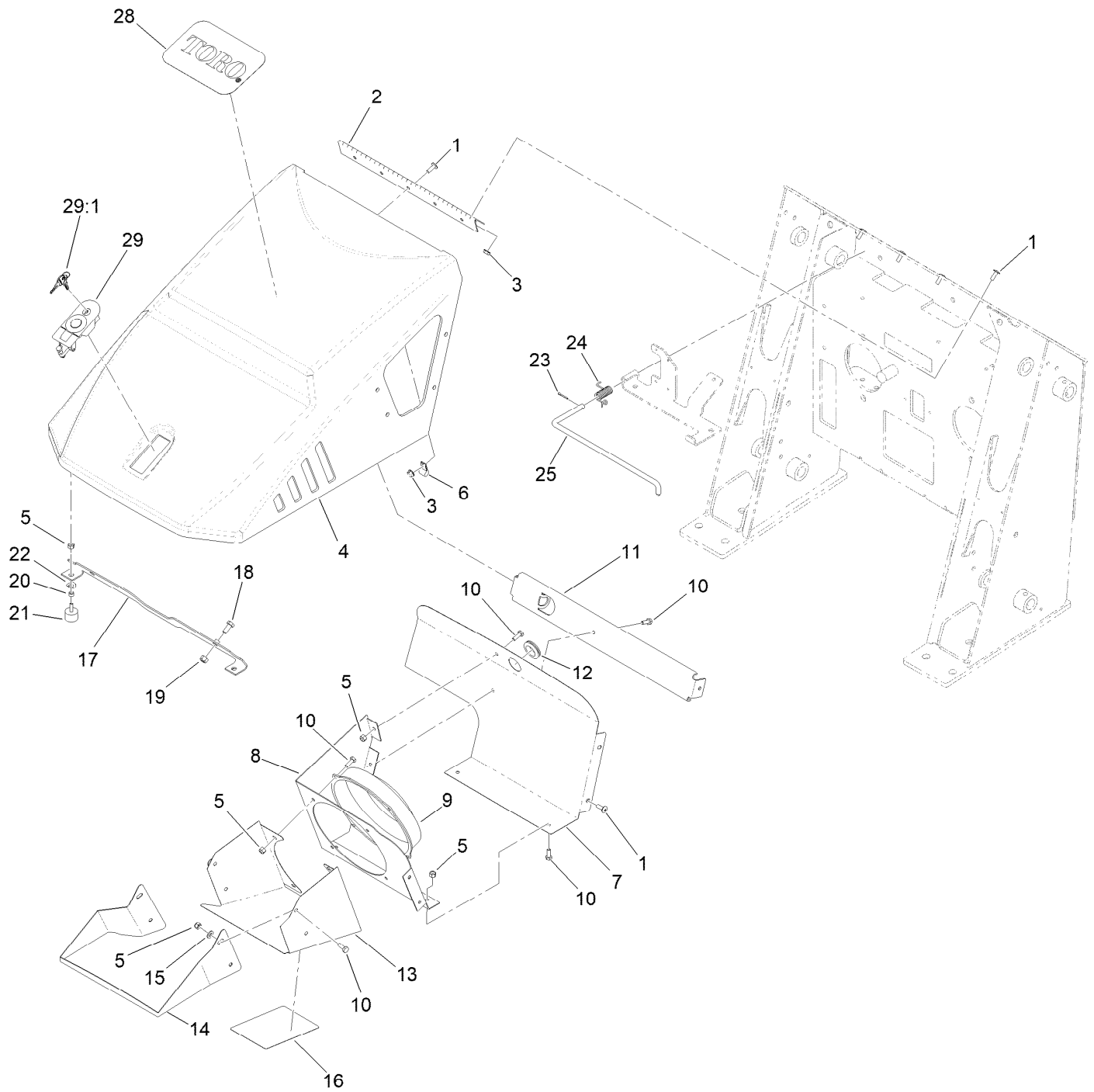
Heat Exchanger Assembly



Heat Exchanger 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	163-3265-03	1	Bracket-Mounting, Cooler	6	104-2816	2	Pad-Support
2	3234-42	4	Screw-HHF	7	105-0352	1	Exchanger-Heat
3	3296-39	4	Nut-Lock, NI	8	115-0798-03	1	Deflector-Cooler
4	94-9566	2	Pad-Footrest	9	321-4	7	Screw-HH
5	104-2803	2	Support-Cooler	10	3296-42	7	Nut-Lock, NI

Hood and Fan Assembly



Hood and Fan 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	9114604	14	Screw-Head, Truss	16	139-8837	1	Decal-Service Tx427 Ne
2	100-1284	1	Hinge-Hood	16	139-8842	1	Decal-Service Tx427 PI
3	32128-33	6	Nut-HF	16	139-8847	1	Decal-Service Tx427 Ru
4	163-3255	1	Hood ASM	16	139-8852	1	Decal-Service Tx427 Sk
5	3296-42	23	Nut-Lock, NI	16	163-3283	1	Decal-Service
6	2412-91	2	Clamp	17	163-3266-03	1	Bracket-Latch
7	114-8715-03	1	Bracket-Fan, Back	18	322-3	2	Screw-HH
8	114-8714-03	1	Bracket-Fan, Back	19	3296-29	2	Nut-Lock, NI
9	104-2809	1	Fan	20	106-9308	2	Spacer
10	321-4	12	Screw-HH	21	1-523420	2	Bumper
11	115-4849-03	1	Bracket-Support, Hood	22	121-4605	2	Washer-Spring
12	240-5	1	Grommet	23	3272-6	1	Pin-Cotter
13	161-9498-03	1	Shroud-Fan	24	106-2584	1	Spring-Torsion
14	161-9499-03	1	Shroud-Fan, Front	25	106-2554	1	Rod-Support, Hood
15	3256-22	2	Washer-Flat	28	104-7213	1	Decal
16	139-8818	1	Decal-Service Tx427 De	29	144-4364	1	Latch-Compression, Locking
16	139-8823	1	Decal-Service Tx427 ES	29:1	145-4488	1	Keys-Latch
16	139-8827	1	Decal-Service Tx427 Fr				
16	139-8832	1	Decal-Service Tx427 It				

Attachments and Accessories

For 22371 — TX 450 Compact Tool Carrier

Product Name	Model/Part
Track Kit.....	104-6106
Road Wheel Kit.....	106-7620
Reference Guide Kit	107-9310
Track-Aggressive Tread.....	108-5640
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal).....	133-8087
50 Hour Filter Kit.....	136-4774
200 Hour Filter Kit.....	136-4775
Oil-30/10W-30 Synthetic (Quart).....	138-6053
PX Hydraulic Fluid-4 Pack (Gallon).....	138-9460
Screen-Spark Arrestor.....	142-7683
Light Kit ASM.....	144-7101
Decal Kit - HERC	145-6941
Spot 2 GPS Kit.....	161-6885
High Volume Bucket	22342
4 Cubic Foot Standard Bucket	22409
Loose Materials Bucket	22410
48in Hydraulic Blade.....	22414
Bore Drive Head	22420
Rod and Reamer	22421
Stump Grinder	22429
Tree Forks	22438
Cement Bowl	22442
40in Tiller	22445
Crumber Kit	22464
Trench Filler.....	22472
High-Torque Trencher Head	22473
High-Speed Trencher Head	22474
4-in-1 Bucket	22478
Narrow Bucket.....	22520
Grapple Rake	22577
Adjustable Forks.....	22586
Grapple Bucket.....	22590
Multi-Purpose Tool.....	22672
Floor Scraper.....	22673
Auger Head	22805
Universal Swivel Auger Head	22806
18in Auger Bit.....	22814
24in Auger Bit	22815
30in Auger Bit.....	22816
12in Auger Bit Extension	22818
24in Auger Bit Extension	22819
6in Full-Flight Auger Bit	22820
9in Full-Flight Auger Bit	22821
12in Full-Flight Auger Bit.....	22822
15in Full-Flight Auger Bit.....	22823

Attachments and Accessories (continued)

Vibratory Plow22911

Soil Cultivator 23102

Hydraulic Breaker 23136

Leveler..... 23165

30in Standard Bucket 23174

30in Pallet Fork..... 23175

30in Grapple 23176

Power Box Rake 23702

10W30 4-Cycle Engine Oil (32oz Bottle)..... 38280

Notes:

Notes:



Count on it.