



Count on it.

Parts Catalog

TRX-16

Trencher

Model No. 22972HD—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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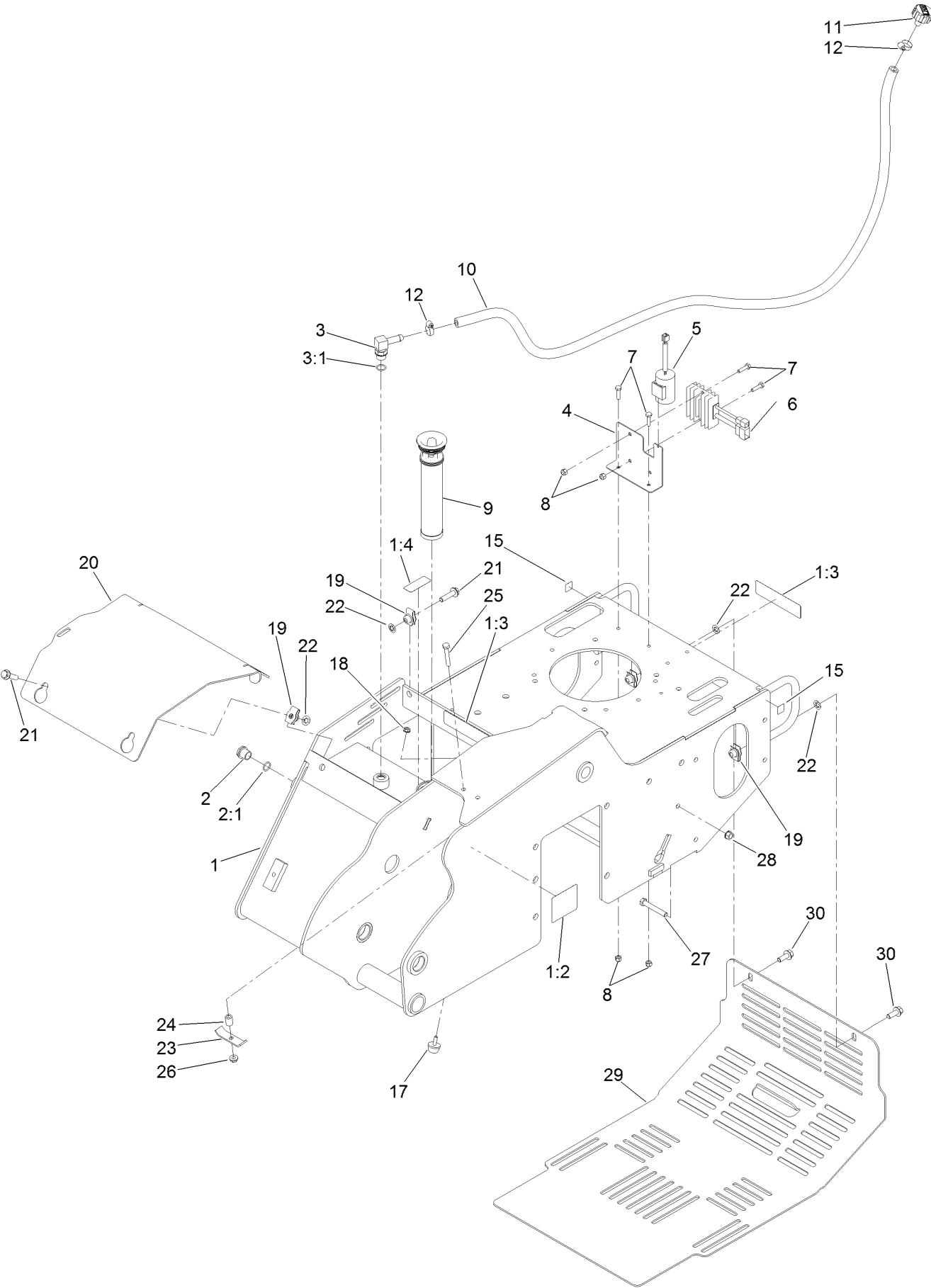
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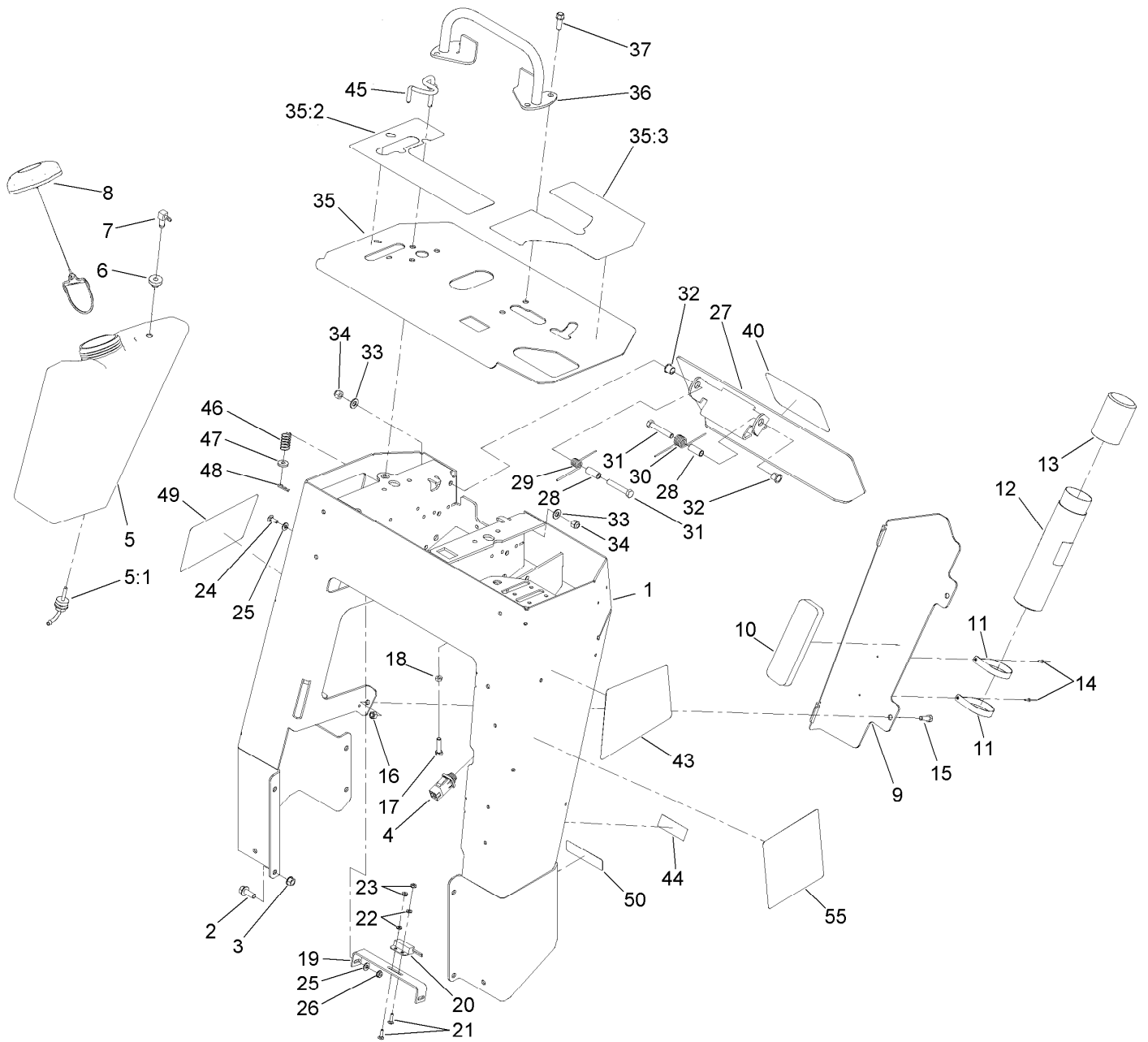
Main Frame Assembly



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	127-9602	1	Main Frame ASM	12	2412-36	2	Clamp-Hose
1:2	100-4650	1	Decal-Warning	15	93-9084	2	Decal-Point, Lift
1:3	93-7814	2	Decal-Danger	17	1-523420	1	Bumper
1:4	93-6686	1	Decal-Oil, HYD	18	32128-33	1	Nut-HF
2	114-3075	1	Sight Glass ASM	19	140-1146	5	Nut-Clip, U
2:1	237-79	1	O-Ring	20	119-4566-03	1	Plate-Cover, Front
3	354-120	1	Fitting-Elbow, 90	21	33105-040	3	Screw-HHF
3:1	237-79	1	O-Ring	22	140-1144	5	Nut-Push
4	117-6399-01	1	Bracket-Electrical	23	100-4860	1	Bracket-Clamp
5	117-6397	1	Condenser (F/W Engine)	24	93-5023	1	Spacer
6	117-6398	1	Regulator (F/W Engine)	25	322-10	1	Screw-HH
7	321-6	4	Screw-HH	26	32128-20	1	Nut-HF
8	3296-42	4	Nut-Lock, NI	27	323-12	1	Screw-HH
9	114-3039	1	Filter-Tank, In	28	32128-40	2	Nut-Flange
10	114-3042	1	Hose-Breather	29	115-6503-01	1	Cover-Rear
11	68-6150	1	Breather	30	108-1531	2	Screw-HHF

Tower and Fuel Tank Assembly

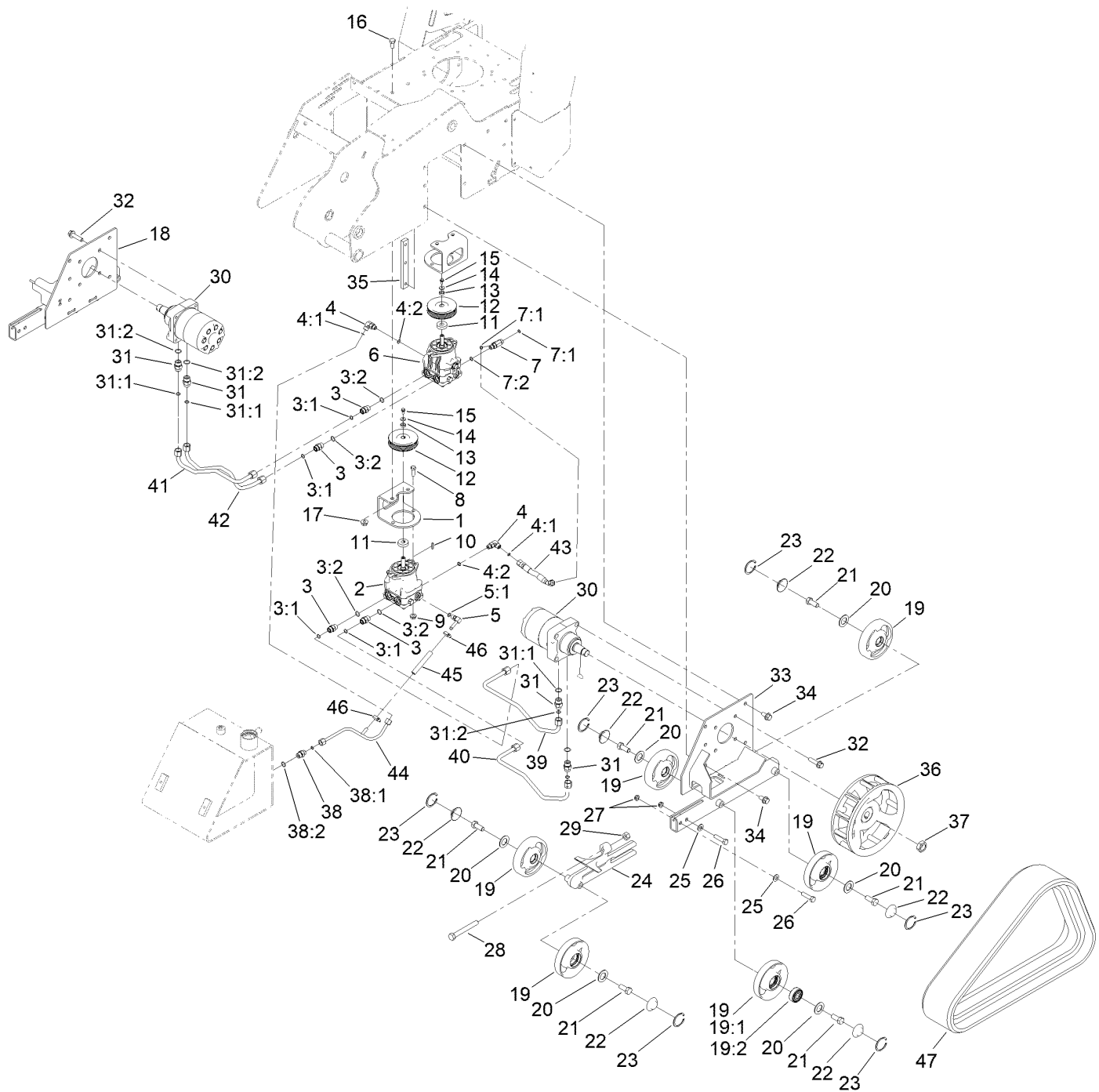


Tower and Fuel Tank Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-6419-01	1	Tower
2	3234-11	8	Screw-HHF
3	32128-40	8	Nut-Flange
4	100-1268	1	Switch-Plunger
5	120-7357	1	Tank-Fuel
5:1	103-2605	1	Fitting-Fuel, Bulkhead
6	46-6560	1	Bushing
7	104-5228	1	Fitting-Elbow, 90 DEG
8	137-4119	1	Cap-Fuel, Ratcheting
9	114-3065-01	1	Bracket-Cover, Tank
10	107-7507	1	Pad-Foam
11	2412-120	2	Clamp-R
12	104-7050	1	Tube-Manual
13	104-7048	1	Cap-Housing
14	3269-17	2	Rivet-Pop
15	322-5	2	Screw-HH
16	3296-29	2	Nut-Lock, NI
17	3210-7	1	Screw-HH
18	3220-2	1	Nut-Jam
19	100-1263	1	Plate-Switch
20	100-1270	1	Switch-Proximity
21	3229-20	2	Screw-CARR
22	3256-51	2	Washer-Flat
23	32149-7	2	Nut-Keps
24	3229-1	2	Screw-CARR

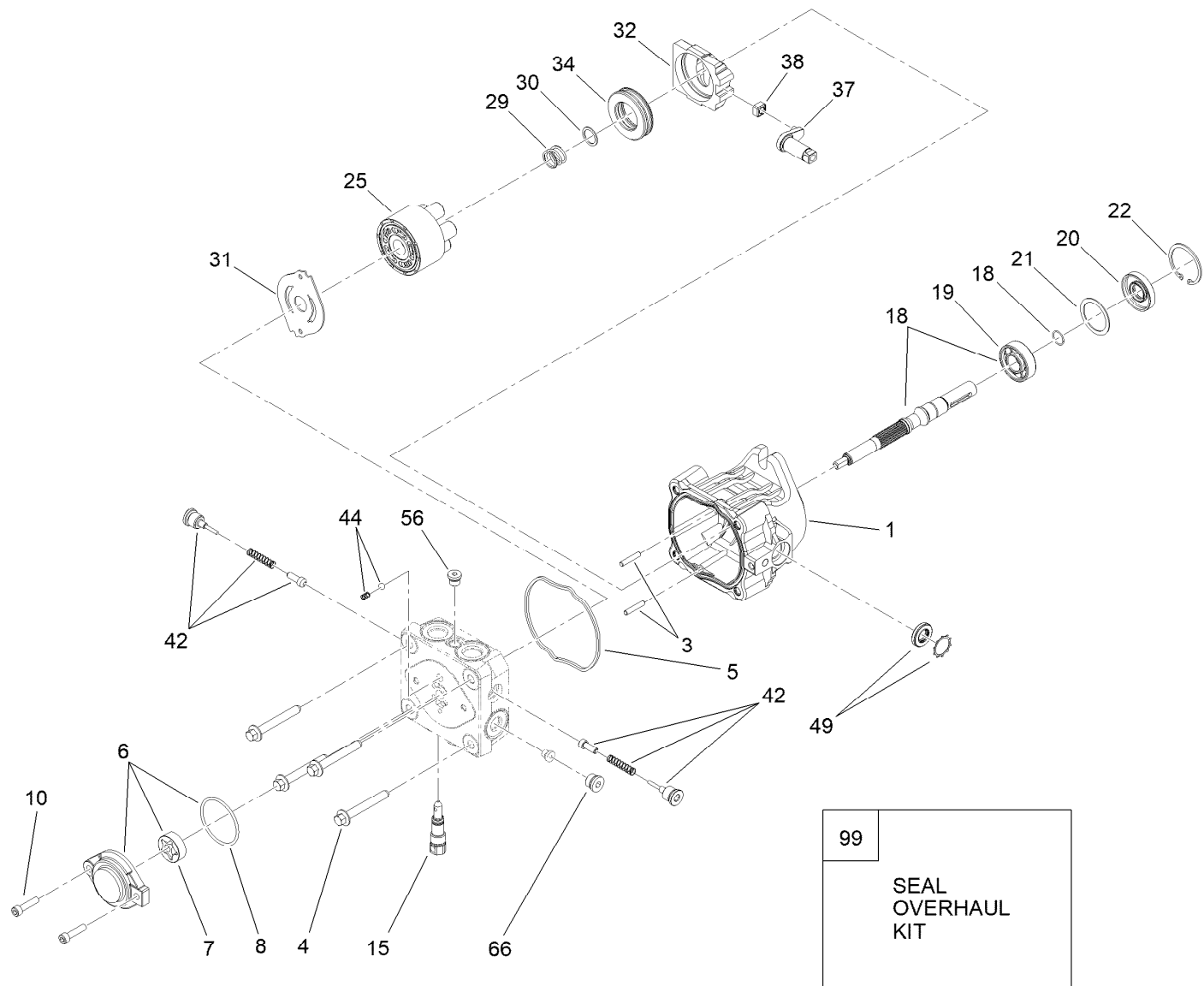
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
25	3256-22	4	Washer-Flat
26	32149-2	2	Nut-Keps
27	114-3012-03	1	Plate-Reverse
28	114-1337	2	Spacer-Spring
29	98-8425	1	Spring-Torsion, LH
30	98-8424	1	Spring-Torsion, RH
31	323-11	2	Screw-HH
32	256-257	2	Bushing-Nyliner
33	3256-24	2	Washer-Plain
34	3296-39	2	Nut-Lock, NI
35	117-6389	1	Panel-Control
35:2	115-1231	1	Decal-Console, RH
35:3	115-1230	1	Decal-Console, LH
36	106-7715	1	Bar-Reference
37	95-1726	4	Screw-Taptite
40	105-1217	1	Decal
43	117-6281	1	Decal-Side, LH
44	120-7531	1	Decal-Info
45	114-8727	1	Rod-Interlock
46	85-6750	1	Spring-Control
47	88-7200	1	Washer-Flat
48	3290-307	1	Pin-Cotter
49	117-6270	1	Decal-Side, RH
50	133-8062	1	Decal-Arrestor, Spark
55	137-3873	1	Decal-Service

Track Drive Assembly



Track Drive 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	115-1289-03	2	Bracket-Mount, Pump	22	106-7557	12	Cap-Wheel, Bearing
2	117-6409	1	RH HYD Pump ASM	23	106-7595	12	Ring-Snap, Internal
3	340-4	4	Fitting-Straight	24	114-3077-03	2	Tensioner-Track
3:1	237-30	1	O-Ring	25	3256-26	4	Washer-Flat
3:2	237-79	1	O-Ring	26	325-8	4	Screw-HH
4	340-77	2	Fitting-Elbow, 90 DEG	27	3296-45	4	Nut-Hex
4:1	237-22	1	O-Ring	28	112-4874	2	Screw-HH, TAP
4:2	237-42	1	O-Ring	29	3217-11	2	Nut-Hex
5	100-4887	1	Fitting-Elbow, 90	30	104-8470	2	HYD Wheel Motor ASM
5:1	237-42	1	O-Ring	31	340-6	4	Fitting-Straight
6	117-6410	1	LH HYD Pump ASM	31:1	237-30	1	O-Ring
7	340-86	1	Fitting-Tee	31:2	237-80	1	O-Ring
7:1	237-22	2	O-Ring	32	3234-27	8	Screw-HHF
7:2	237-42	1	O-Ring	33	114-2992-03	1	Frame-Track, LH
8	324-5	4	Screw-HH	34	3234-6	10	Screw-HHF
9	32128-42	4	Nut-HF	35	114-3091	2	Bar-Thread
10	80-6090	2	Key-Pump	36	117-6426-03	2	Wheel-Drive
11	115-4002	2	Spacer	37	106-8159	2	Nut-Lock
12	115-1298	2	Sheave	38	340-3	1	Fitting-Straight
13	108-4211	2	Bushing	38:1	237-22	1	O-Ring
14	73-3580	2	Washer	38:2	237-79	1	O-Ring
15	33103-016	2	Screw-HHF	39	115-1285	1	Tube-HYD
16	325-4	4	Screw-HH	40	115-1286	1	Tube-HYD
17	32128-49	8	Nut-HHF	41	115-1287	1	Tube-HYD
18	114-2993-03	1	Frame-Track, RH	42	115-1288	1	Tube-HYD
19	138-3139	12	Tensioner Wheel ASM	43	115-1297	1	Hose-HYD
19:1	138-7118	1	Wheel-Track	44	117-1305	1	Tube-HYD
19:2	120-5378	1	Bearing-Ball	45	115-4083	1	Hose
20	106-7585	12	Gasket-Bogie	46	2412-36	2	Clamp-Hose
21	327-4	12	Screw-HH	47	112-4816	2	Track-Rubber

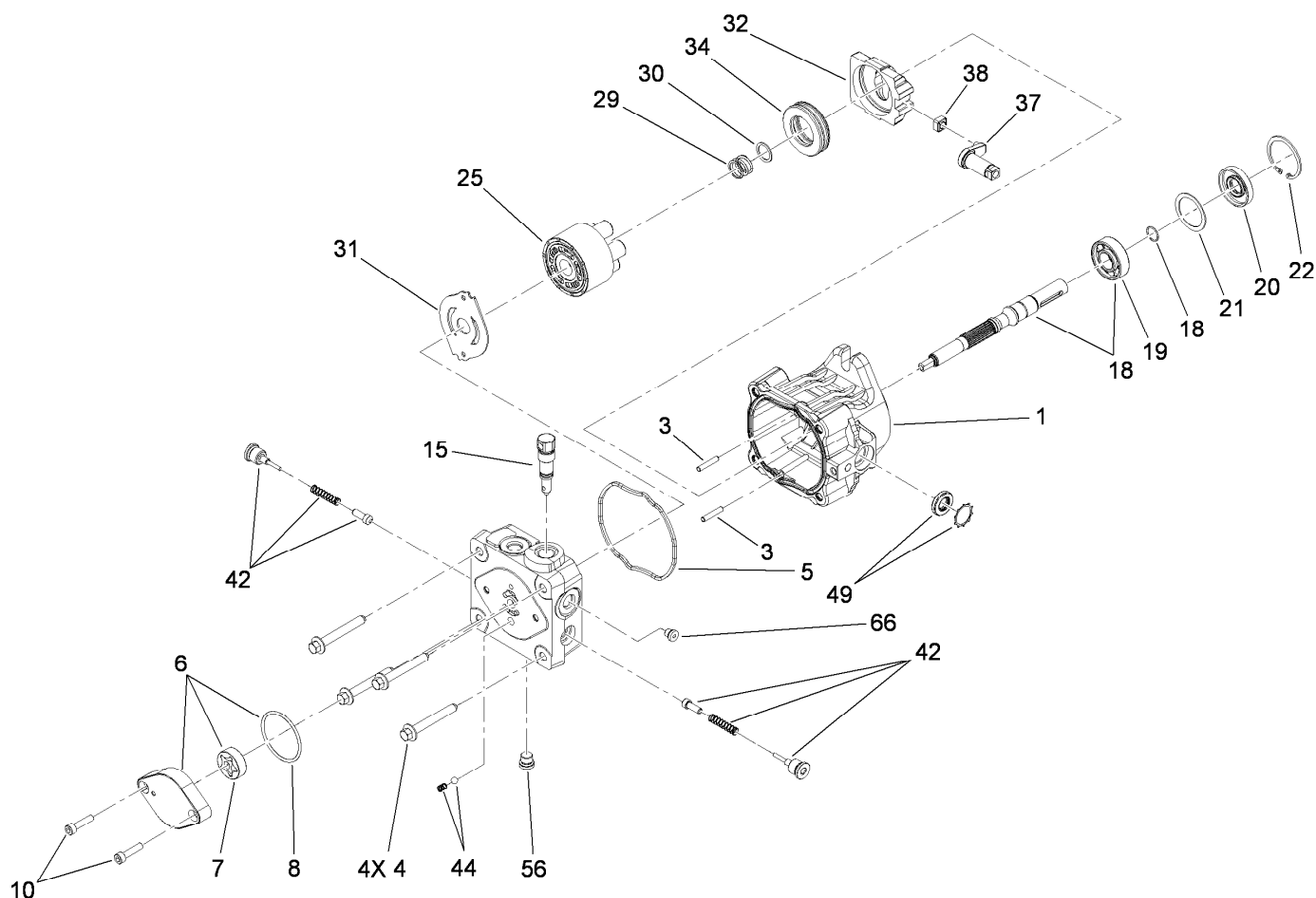


Hydraulic Pump Assembly No. 117-6410

Ref.	Part Number	Qty.	Description
1	115-4464	1	Housing Kit
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	104-2111	2	Capcrew
15	106-8759	1	Bypass Valve Kit
18	103-2664	1	Input Shaft Kit
19	104-5311	1	Bearing-Ball
20	104-5310	1	Seal-Lip
21	104-5308	1	Spacer
22	104-5309	1	Ring-Retaining
25	103-2666	1	Cylinder Block Kit

Ref.	Part Number	Qty.	Description
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Thrust
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	115-4458	1	Arm-Trunnion, Tapered Square
38	94-1910	1	Guide-Slot
42	98-3252	2	Valve-Check (W/Poppet)
44	106-8760	1	Charge Relief Valve Kit
49	114-8155	1	Trunnion Seal Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
99	105-6184	1	Seal Overhaul Kit ●

● Not illustrated



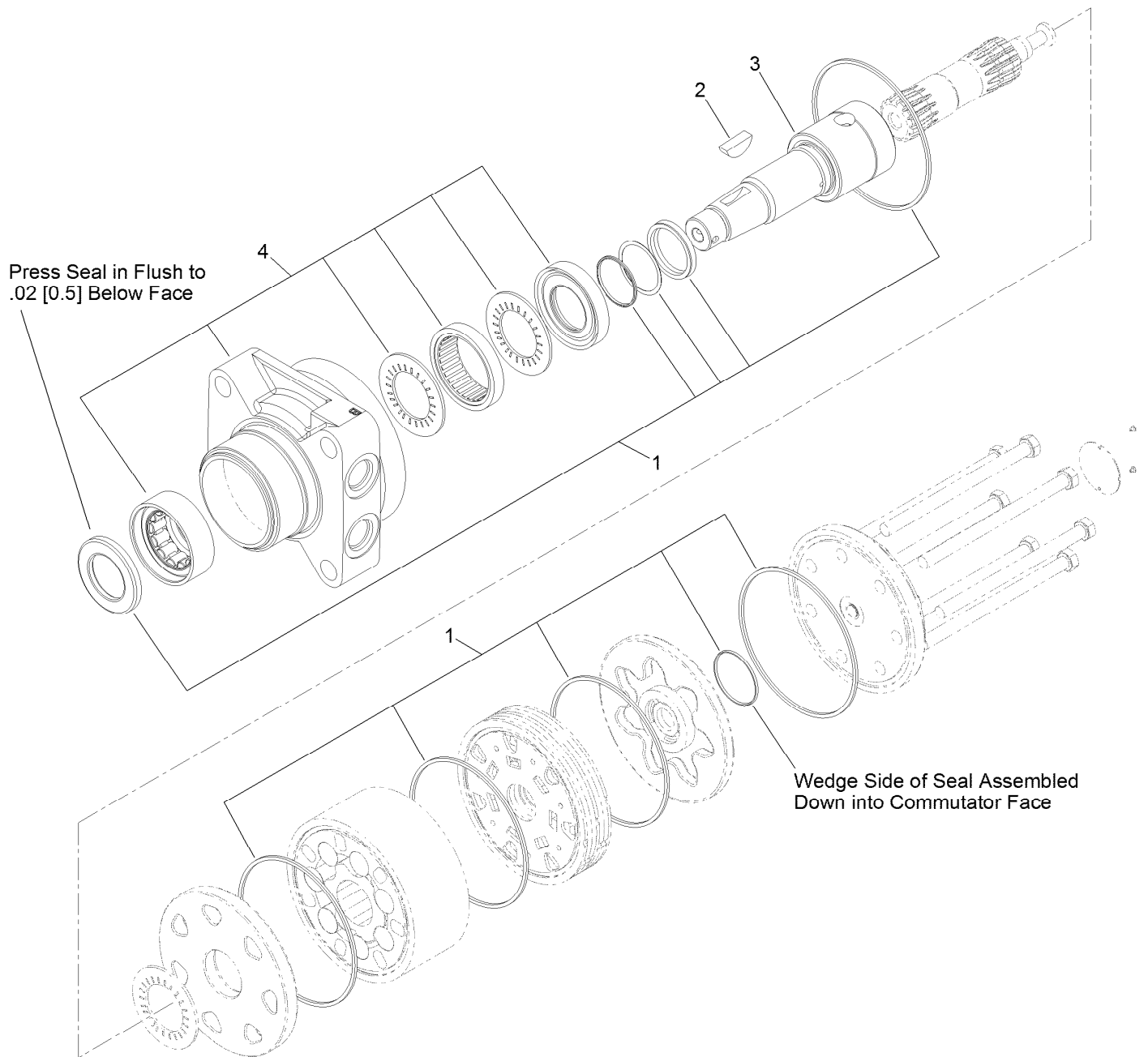
Hydraulic Pump Assembly No. 117-6409

Ref.	Part Number	Qty.	Description
1	115-4464	1	Housing Kit
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	104-2111	2	Capcrew
15	106-8759	1	Bypass Valve Kit
18	103-2664	1	Input Shaft Kit
19	104-5311	1	Bearing-Ball
20	104-5310	1	Seal-Lip
21	104-5308	1	Spacer
22	104-5309	1	Ring-Retaining
25	103-2666	1	Cylinder Block Kit

Ref.	Part Number	Qty.	Description
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Thrust
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	115-4458	1	Arm-Trunnion, Tapered Square
38	94-1910	1	Guide-Slot
42	98-3252	2	Valve-Check (W/Poppet)
44	106-8760	1	Charge Relief Valve Kit
49	114-8155	1	Trunnion Seal Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
99	105-6184	1	Seal Overhaul Kit ●

● Not illustrated

Hydraulic Motor Assembly No. 104-8470

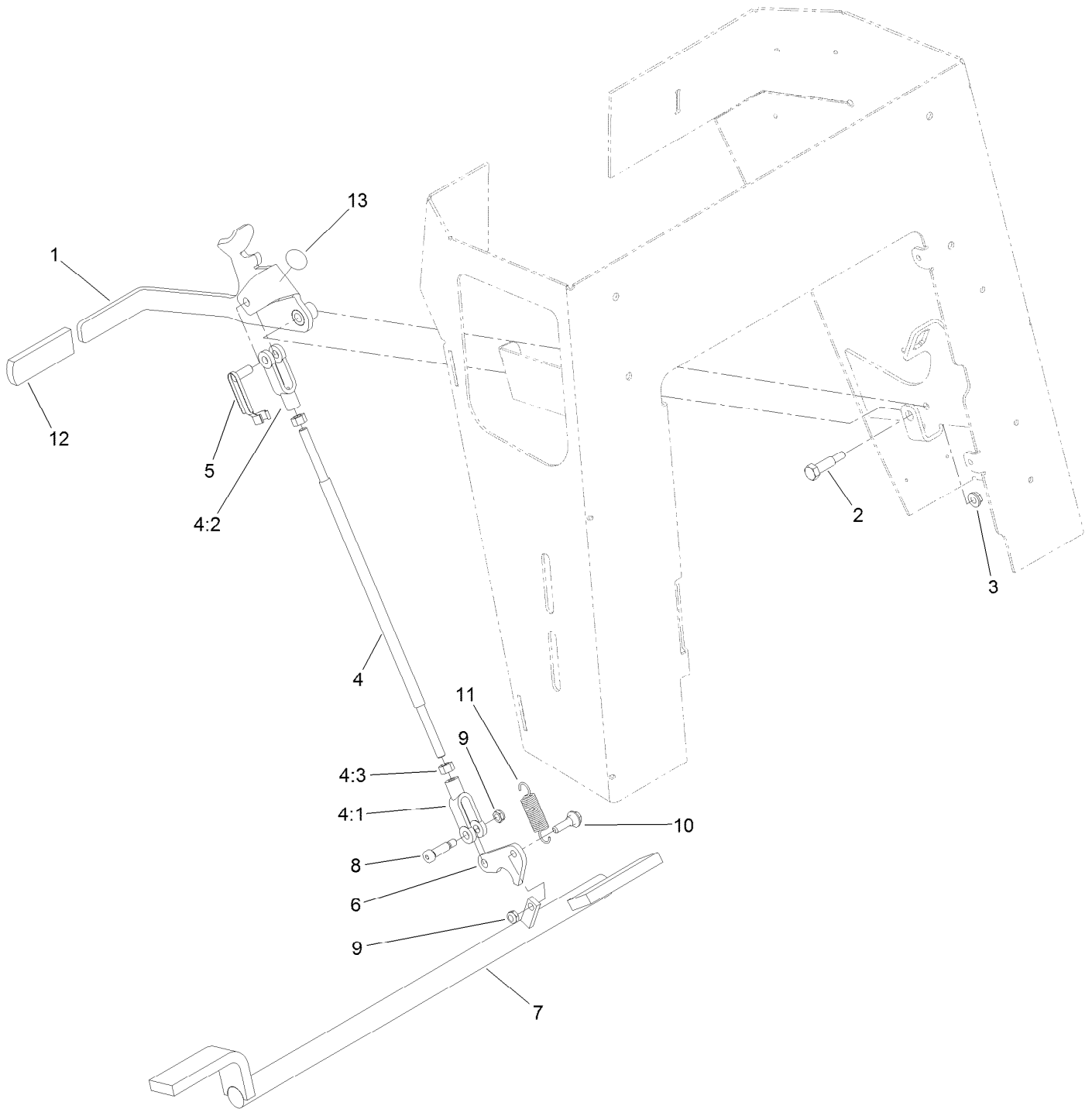


Hydraulic Motor Assembly No. 104-8470 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-4061	1	Seal Kit
2	3257-42	1	Key-Woodruff

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	99-3090	1	Shaft-Coupling
4	120-5395	1	Motor Housing ASM

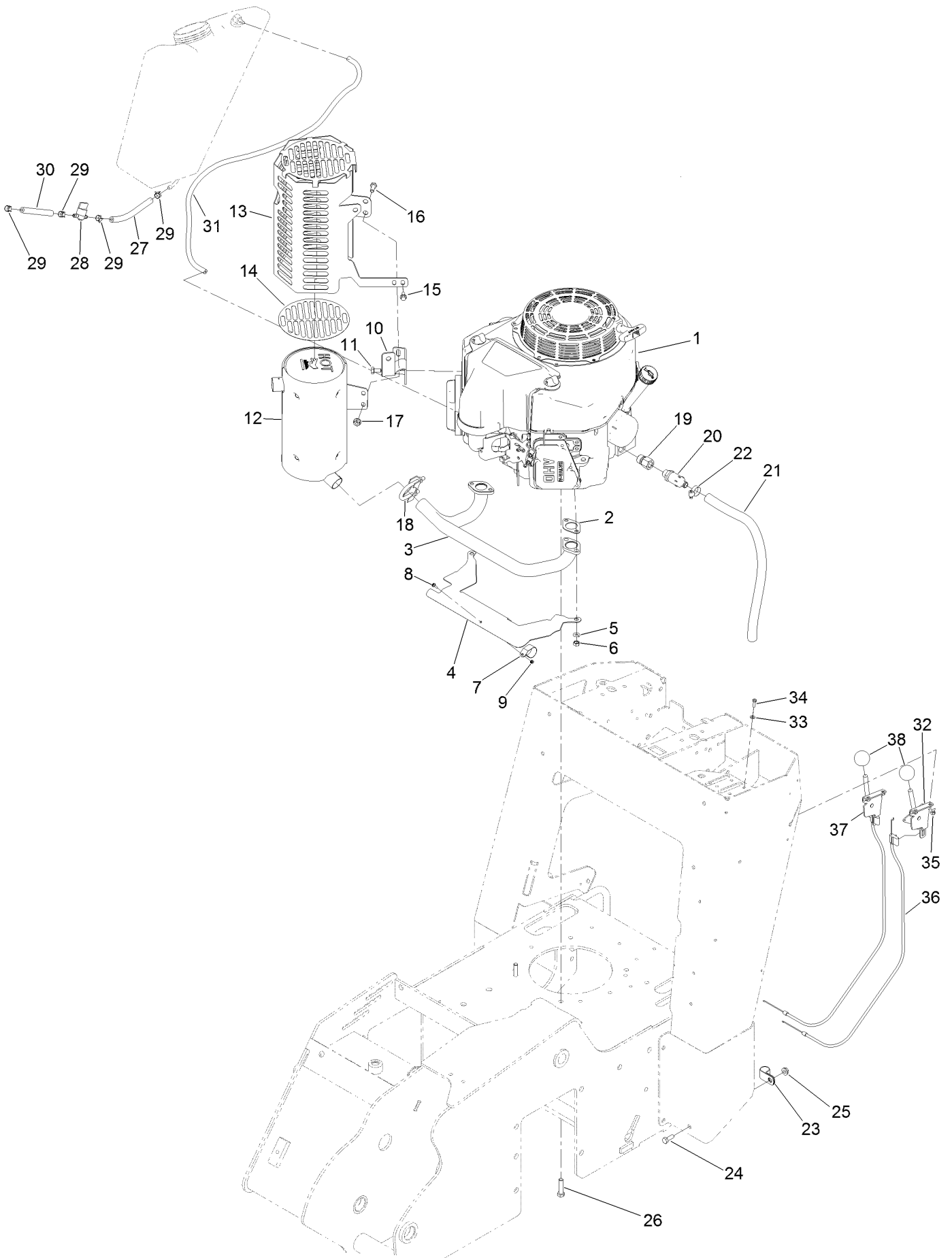
Parking Brake Assembly



Parking 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	117-6421-03	1	Handle-Brake	6	114-2975	1	Link-Mounting
2	7-0030	1	Screw-Shoulder, HH	7	114-2972-03	1	Bar-Brake
3	32128-20	1	Nut-HF	8	114-8629	1	Bolt-Shldr
4	103-4335	1	Brake Rod ASM	9	3296-47	2	Nut-Lock,NI
4:1	1-633131	2	Yoke-Linkage, Brake	10	27-7211	1	Screw-Shoulder
4:2	103-3907	1	Linkage-Handle, Brake	11	67-1450	1	Spring-Idler
4:3	3219-3	2	Nut-Hex	12	62-9130	1	Grip-Handle
5	103-2399	1	Pin-Spring, Clevis	13	107-8495	1	Decal-Brake, Parking

Engine Assembly



Engine Assembly (continued)

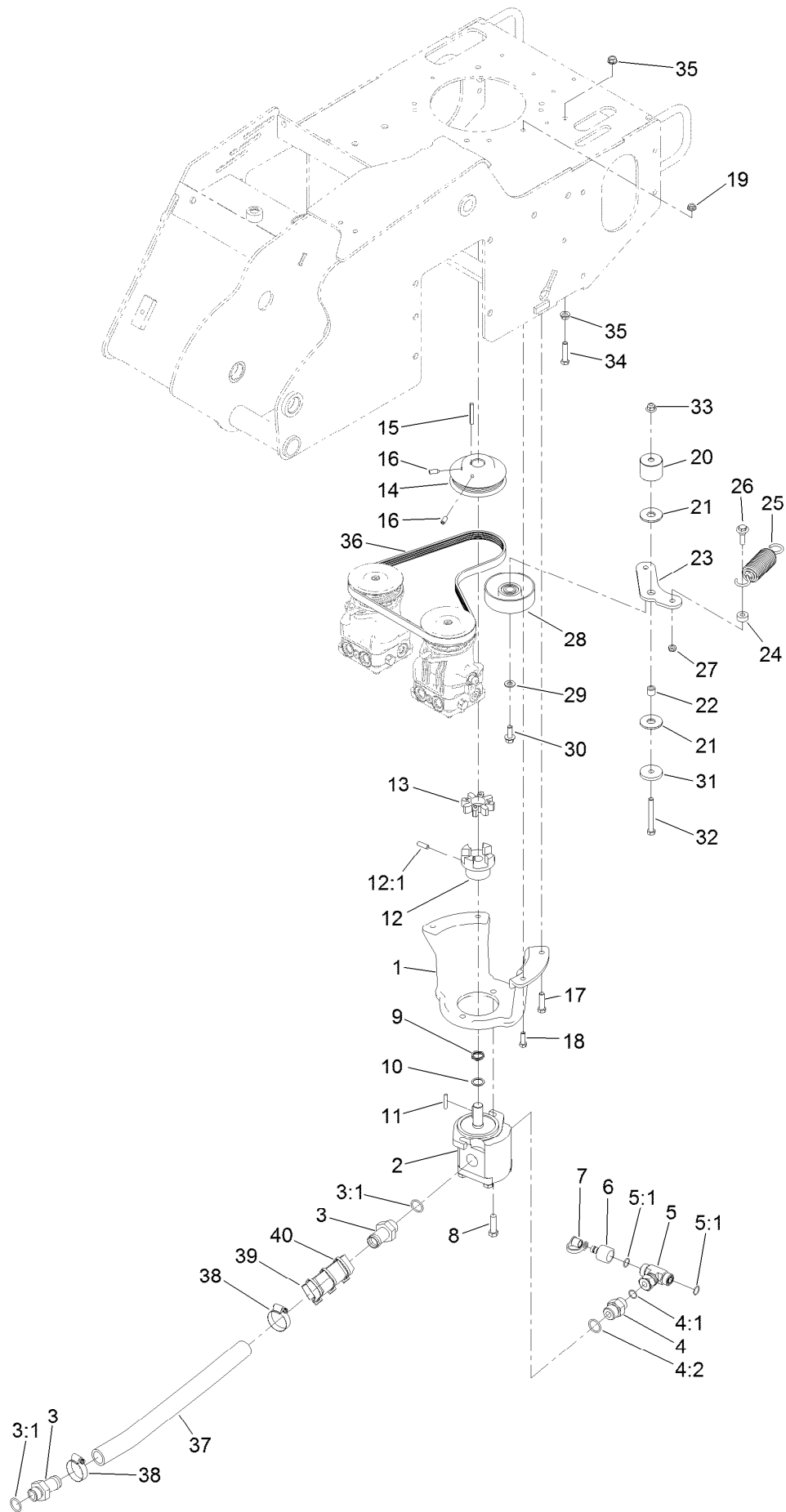
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Engine-Kawasaki, Fs481V ●■
2	1-653313	2	Gasket-Exhaust
3	120-7537	1	Manifold-Muffler
4	131-0662	1	Plate-Shield, Heat
5	115-6496	4	Washer-Spring
6	115-6611	4	Nut-Hex
7	115-6488	1	Clamp
8	115-6494	1	Screw-Pan
9	115-6495	1	Nut-Hex
10	131-0670-03	1	Bracket-Guard, Muffler
11	33114-016	2	Screw-HH
12	120-7536	1	Muffler
13	137-4879-03	1	Guard-Muffler
14	131-0604	1	Guard-Foil
15	33103-016	1	Screw-HHF
16	33114-020	3	Screw-HH
17	112-2844	3	Nut-HF
18	2112-11	1	Clamp-Muffler
19	103-1966	1	Adapter-STR

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
20	92-6877	1	Valve-Drain, Oil
21	106-5709	1	Hose-Vent
22	2412-36	1	Clamp-Hose
23	2412-81	1	Clamp-R
24	322-4	1	Screw-HH
25	32128-20	1	Nut-HF
26	323-8	2	Screw-HH
27	109-0306	1	Hose-Fuel
28	1-603770	1	Valve-Fuel
29	2412-98	4	Clamp-Hose
30	109-0295	1	Hose-Fuel
31	117-6396	1	Hose-Vent, Tank
32	110-5547	1	Lever-Control
33	3256-21	4	Washer-Flat
34	3290-134	4	Screw
35	3296-2	4	Nut-Lock, NI
36	115-1211	2	Cable-Control
37	108-9730	1	Lever-Control
38	233-42	2	Knob

● Not serviced separately

■ Obtain parts from www.kawpower.com

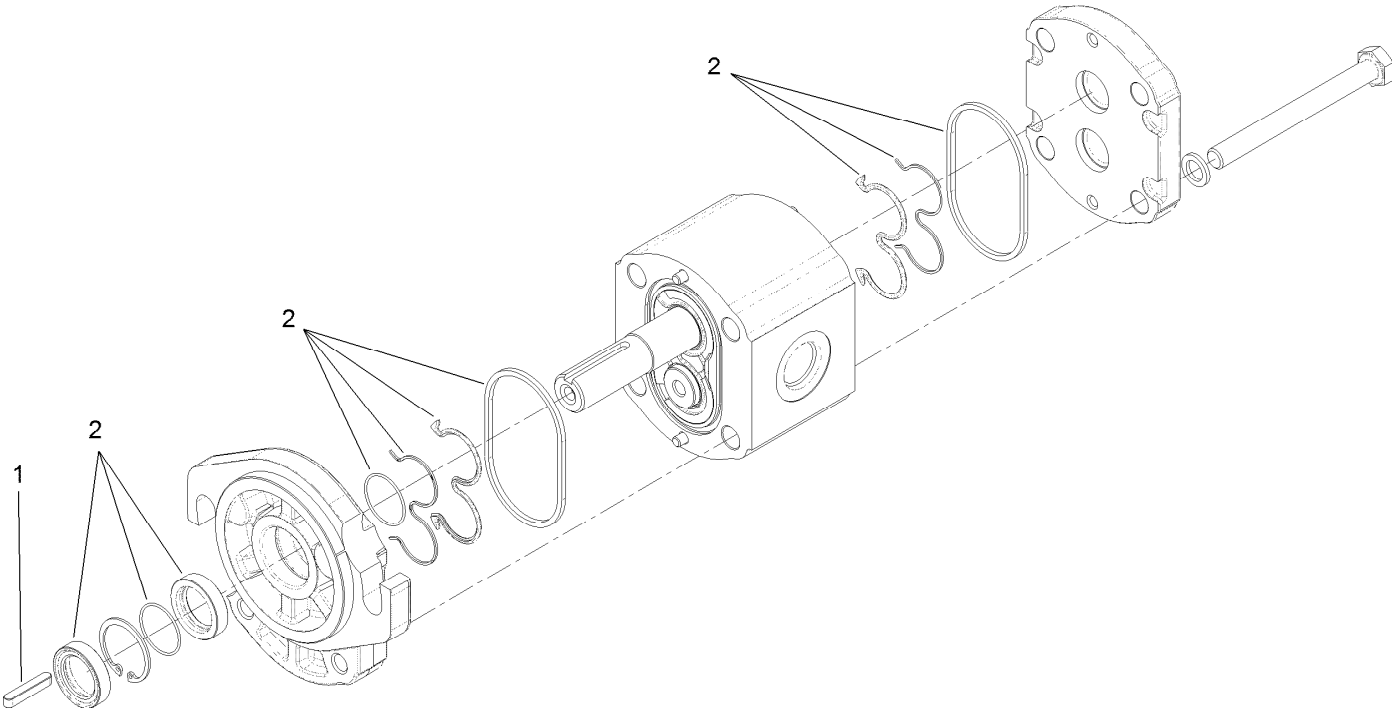
Gear Pump, Idler Arm and Pulley Assembly



Gear Pump, Idler Arm and 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	115-1480-03	1	Mount-Pump	19	32128-20	2	Nut-HF
2	114-3072	1	Gear Pump ASM	20	125-0251	1	Spacer-Idler
3	99-3017	2	Fitting	21	114-0463	2	Washer-Friction, Composite
3:1	237-81	1	O-Ring	22	1-413088	1	Bushing-Lever, Lift
4	340-8	1	Fitting-Straight	23	125-0252	1	Arm-Idler
4:1	237-65	1	O-Ring	24	104-8426	1	Spacer
4:2	237-81	1	O-Ring	25	121-4523	1	Spring-Extension
5	340-167	1	Fitting-Tee	26	614672	1	Screw-Shoulder, HWH
5:1	237-65	2	O-Ring	27	3296-59	1	Nut-Lock, NI
6	86-5860	1	Nipple	28	95-8802	1	Pulley-Idler
7	354-79	1	Cap-Dust	29	3256-24	1	Washer-Plain
8	324-6	2	Screw-HH	30	3234-11	1	Screw-HHF
9	121-4517	1	Washer-Wave	31	110-9981	1	Washer-Plain
10	115-7210	1	Washer-Thrust	32	323-14	1	Screw-HH
11	27-8590	1	Key-Square	33	104-8301	1	Nut-HF, NI
12	114-2933	1	Coupler-Flex	34	323-9	1	Screw-HH
12:1	105-4068	1	Screw-Set, HSH	35	3290-357	2	Nut-HSF
13	93-8827	1	Coupler-Spider	36	114-2991	1	Belt-V
14	145-3291	1	Pulley-Engine,	37	114-2917	1	Hose-Suction
15	608006	1	Key-Square	38	2412-111	2	Clamp-Hose, W/Liner
16	3246-6	2	Screw-Set, HSH	39	AU112950	2	Protector-Hose
17	323-8	2	Screw-HH	40	3290-378	3	Tie-Cable
18	322-5	2	Screw-HH				

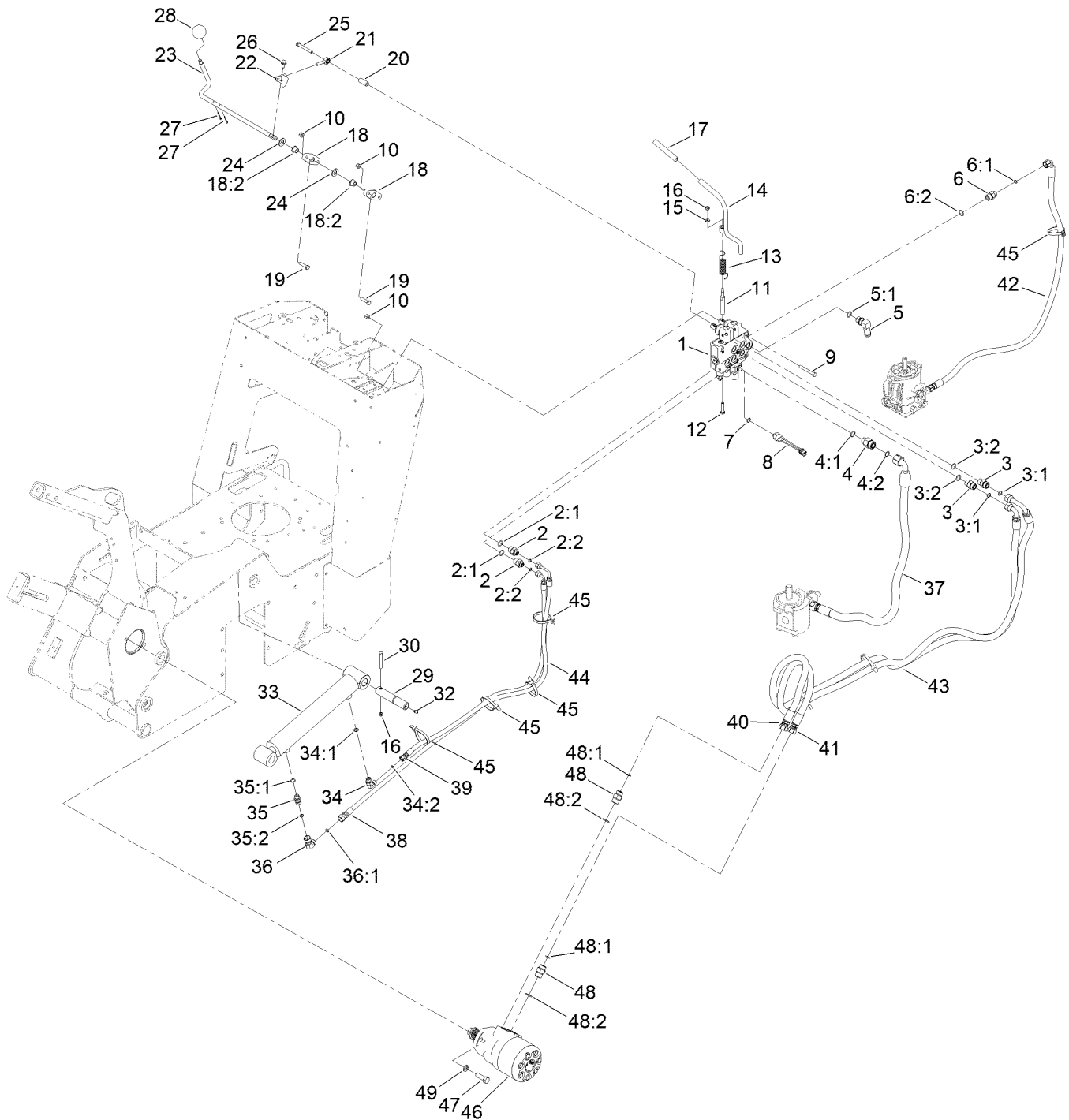
Gear Pump Assembly No. 114-3072



Gear Pump Assembly No. 114-3072 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-5839	1	Key-Square
2	115-1265	1	Seal Kit

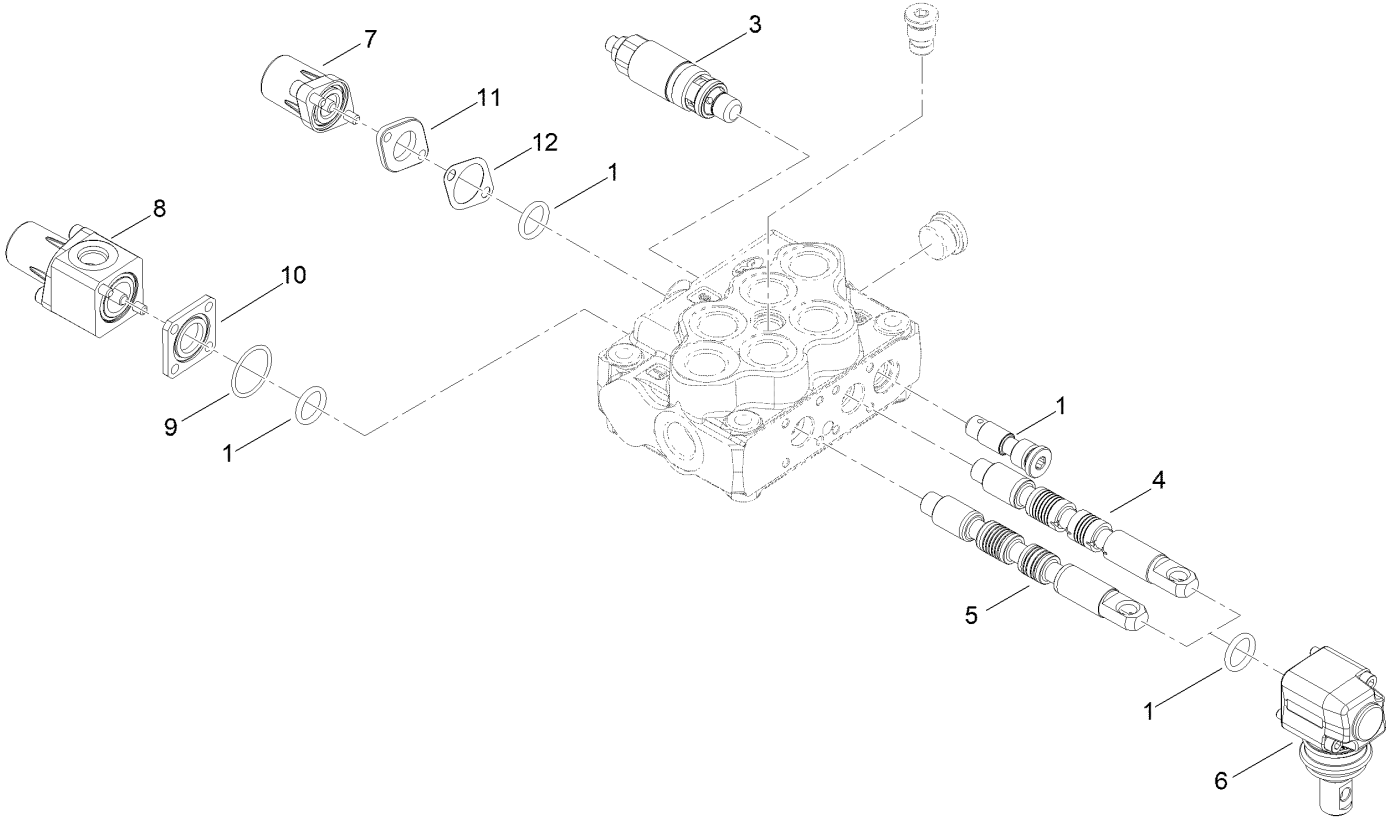
Hydraulic Control Assembly



Hydraulic 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	115-4062	1	HYD Valve ASM	24	3256-26	2	Washer-Flat
2	340-133	2	Fitting-STR	25	33114-060	1	Screw-HH
2:1	237-79	1	O-Ring	26	3234-14	1	Screw-HHF
2:2	237-21	1	O-Ring	27	3272-7	2	Pin-Cotter
3	340-4	2	Fitting-Straight	28	233-21	1	Knob
3:1	237-30	1	O-Ring	29	120-7352	1	Pin-Pivot
3:2	237-79	1	O-Ring	30	321-18	1	Screw-HH
4	340-155	1	Fitting-Straight	32	302-5	1	Fitting-Grease
4:1	237-79	1	O-Ring	33	121-1955	1	HYD Cylinder ASM
4:2	237-151	1	O-Ring	34	340-82	1	Fitting-Elbow, 90 DEG
5	353-954	1	Fitting-Elbow, 90	34:1	237-42	1	O-Ring
5:1	237-79	1	O-Ring	34:2	237-21	1	O-Ring
6	340-3	1	Fitting-Straight	35	115-4081	1	Valve-Check
6:1	237-22	1	O-Ring	35:1	237-42	1	O-Ring
6:2	237-79	1	O-Ring	35:2	237-22	1	O-Ring
7	237-42	1	O-Ring	36	340-159	1	Elbow-90
8	72-4310	1	Switch-Ball	36:1	237-22	2	O-Ring
9	322-12	3	Screw-HH	37	114-3043	1	Hose-HYD
10	3296-29	7	Nut-Lock, NI	38	114-3044	1	Hose-HYD
11	104-2827	1	Spacer-Hiflo	39	114-3045	1	Hose-HYD
12	33114-035	1	Screw-HH	40	114-3046	1	Hose-HYD
13	112-2738	1	Spring-Torsion	41	114-3085	1	Hose-HYD
14	112-2739	1	Lever-Auxiliary	42	117-4038	1	Hose-HYD
15	3256-16	1	Washer-Flat	43	99-5648	2	Sleeve-Protective
16	3296-42	2	Nut-Lock, NI	44	115-4064	1	Sleeve-Protective
17	112-2605	1	Grip-Rubber	45	3334-945	8	Tie-Cable
18	138-3142	2	Bushing ASM	46	131-0652	1	HYD Motor ASM
18:2	125-5239	1	Bushing-Flange	47	325-6	2	Screw-HH
19	322-6	4	Screw-HH	48	340-6	2	Fitting-Straight
20	103-0384	1	Spacer	48:1	237-30	1	O-Ring
21	115-1273	1	Bearing-Rod End	48:2	237-80	1	O-Ring
22	112-7210	1	Bracket-Control	49	3253-7	2	Washer-Lock
23	114-8598	1	Rod-Lever, Cylinder				

2-Spool Valve Assembly No. 115-4062

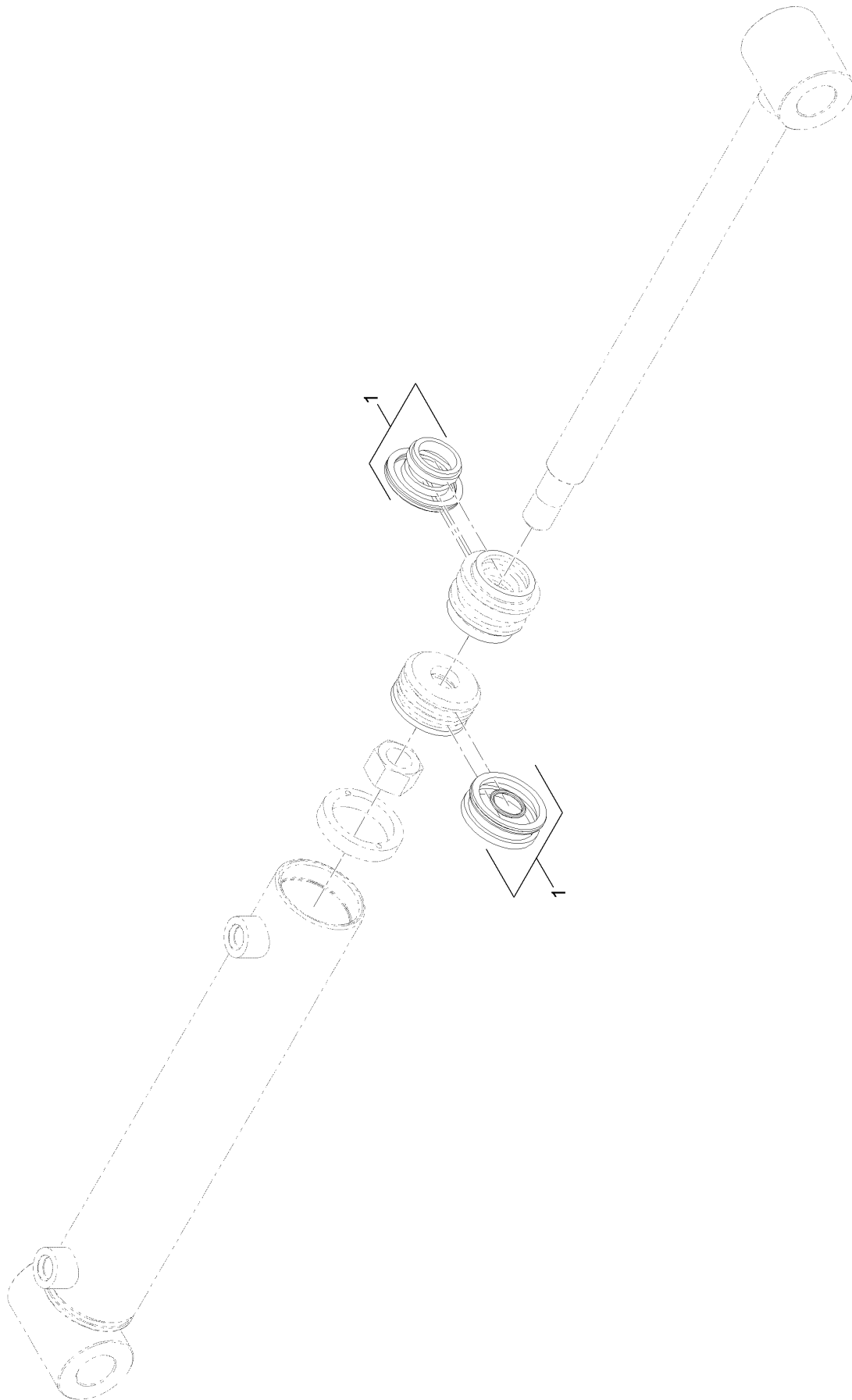


2-Spool Valve Assembly No. 115-4062 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-7719	4	Seal-Valve
3	100-8805	1	Valve-Relief
4	115-4084	1	Spool-Valve
5	106-7572	1	Spool
6	100-7229	2	Lever Kit
7	115-4092	1	Spring Return Kit

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	115-4093	1	Switch Spring Return Kit
9	115-4097	1	Seal-Return
10	115-4094	1	Spacer-Square
11	115-4089	1	Spacer-Spring Return
12	115-4088	1	Gasket-Return

Hydraulic Cylinder Assembly No. 121-1955



Hydraulic Cylinder Assembly No. 121-1955 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0665	1	Seal Kit

Exploded view diagram of a seal kit assembly for a commutator. The diagram shows various components labeled with part numbers and quantities. A dashed line separates the main assembly from a separate set of components. A legend at the bottom right states "1 = Items Included in Seal Kit".

Labels and quantities shown in the diagram:

- 1:6 Press Seal in Flush to .02 [0.5] Below Face
- 1:1
- 1:2
- 1:3
- 1:4
- 1:4
- 1:4
- 1:4
- 1:4
- 1:5 Wedge Slide of Seal Assembled Down into Commutator Face
- 1 = Items Included in Seal Kit

1:6 Press Seal in
Flush to .02 [0.5]
Below Face

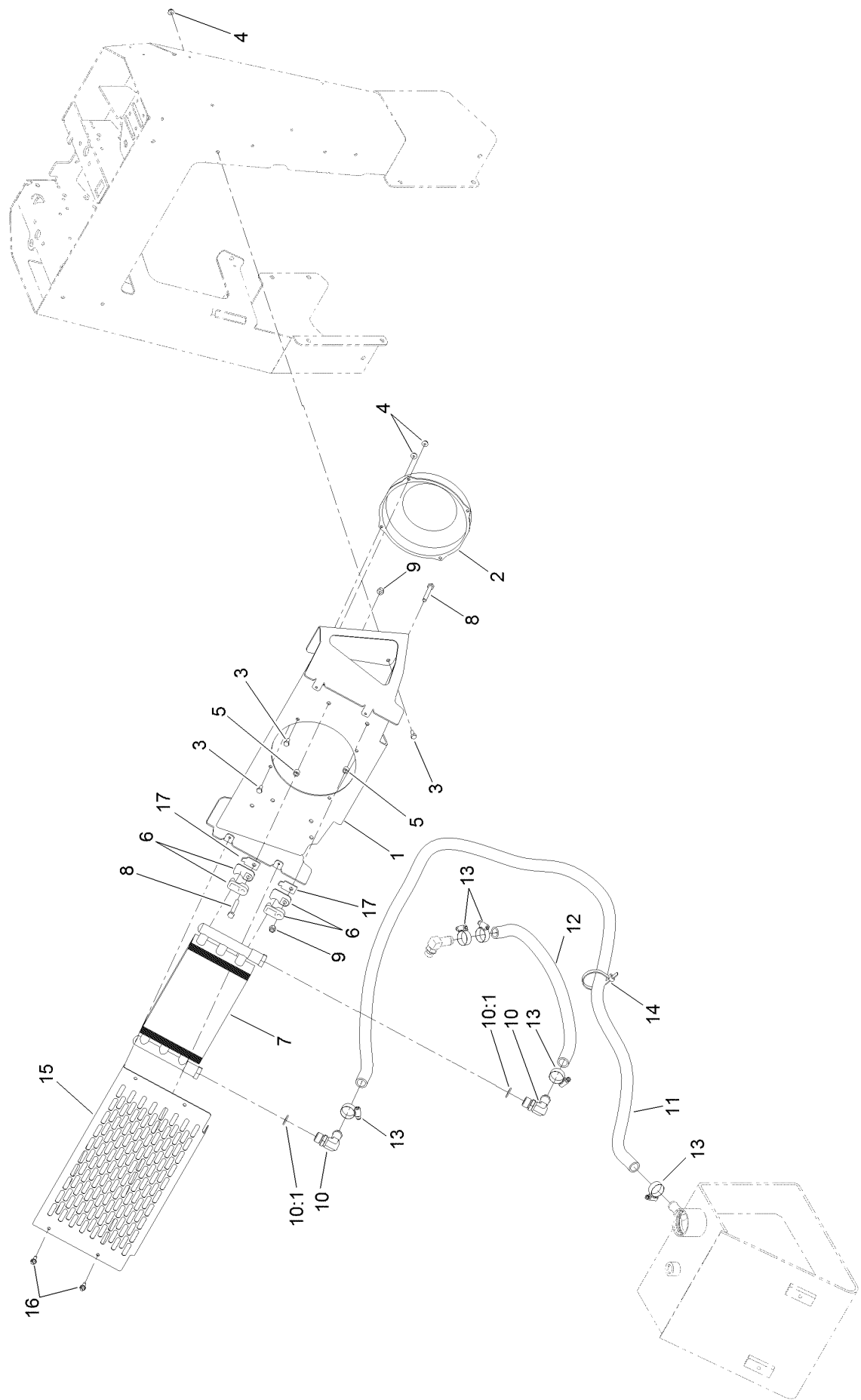
Hydraulic Motor Assembly No. 131-0652 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	76-0800	1	Seal Kit
1:1		1	Ring-Back Up ●
1:2		1	Washer-Back Up ●
1:3		1	Seal-Shaft ●

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

● Not serviced separately

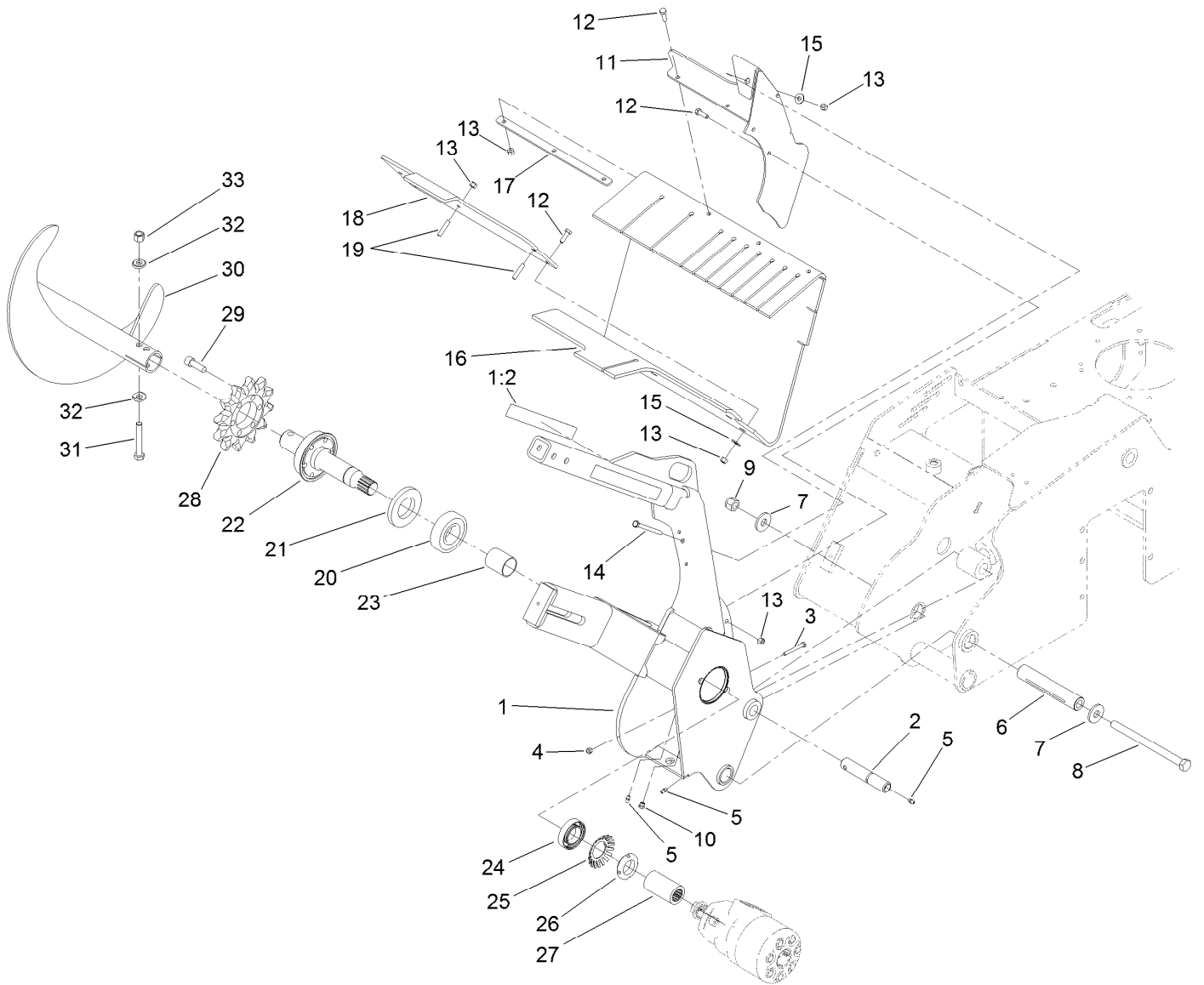
Hydraulic Oil Cooler Assembly



Hydraulic 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	147-7009-01	1	Cooler Mount ASM [red]	10	87-8170	2	Fitting-90
2	104-2809	1	Fan	10:1	237-80	1	O-Ring
3	321-3	8	Screw-HH	11	115-1207	1	Hose-Return
4	104-7201	8	Nut-HF, NI	12	125-0266	1	Hose-Return
5	26-4840	4	Spacer-Pin, Mounting	13	2412-129	4	Clamp-Hose
6	131-0733	8	Clamp	14	3334-945	3	Tie-Cable
7	105-0352	1	Exchanger-Heat	15	119-4633-01	1	Cover-Cooler
8	322-11	4	Screw-HH	16	32104-95	4	Screw-HWH
9	3296-29	4	Nut-Lock, NI	17	131-0642	4	Plate-Support, Clamp

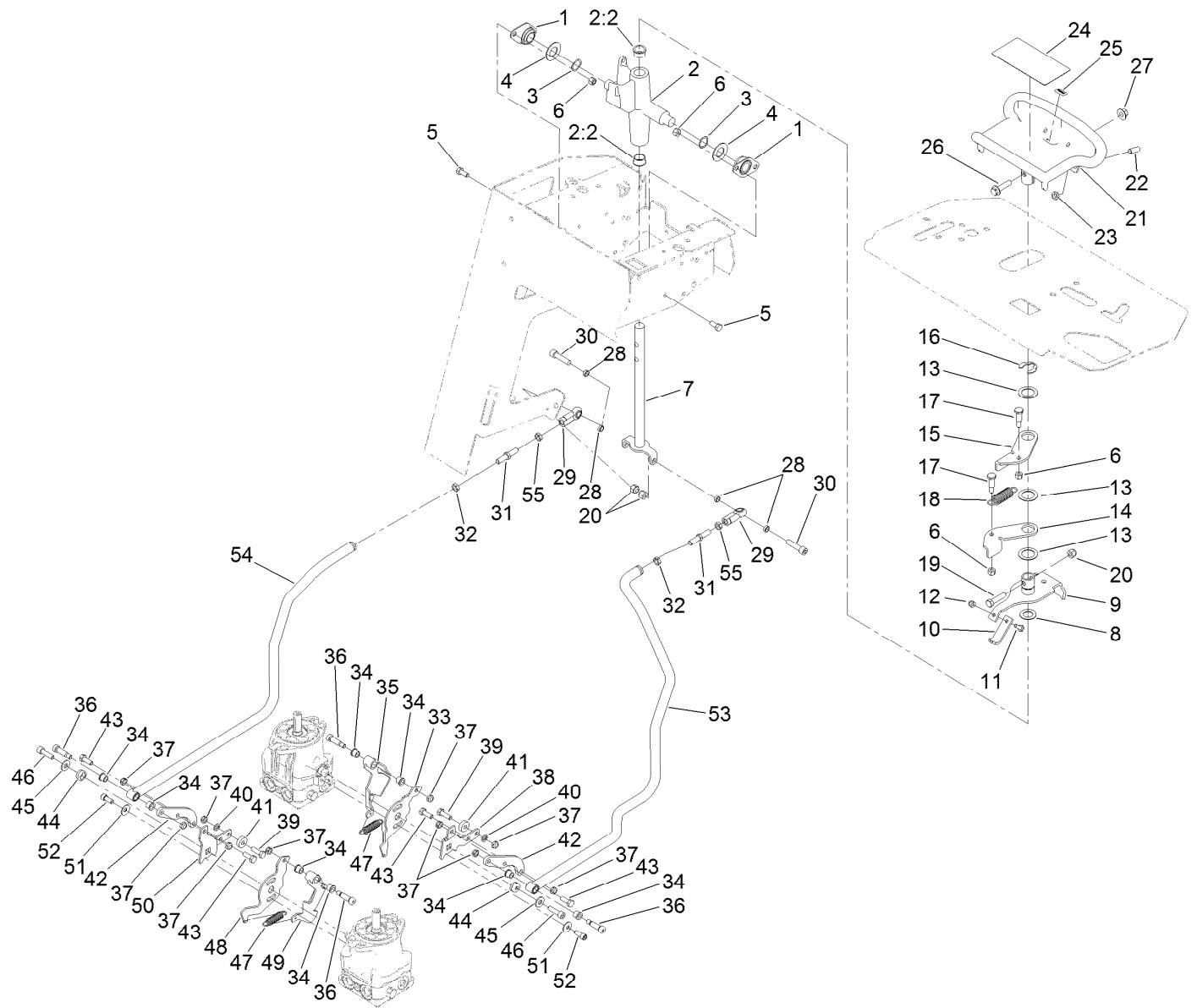
Trencher Head and Auger Assembly



Trencher Head and Auger 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	117-6423	1	Trencher Head ASM	17	115-4001-03	1	Plate-Strap, Shield
1:2	99-9952	2	Decal-Danger	18	117-6316-03	1	Clamp-Bar
2	120-7352	1	Pin-Pivot	19	115-4049	2	Screw-HSH
3	321-18	1	Screw-HH	20	106-8871	1	Bearing-Ball
4	3296-42	1	Nut-Lock, NI	21	114-2955	1	Seal-Grease
5	302-5	3	Fitting-Grease	22	117-6308	1	Shaft-Trencher
6	121-4571	1	Spacer-Pivot	23	112-4979	1	Spacer
7	104-9216	2	Washer-Hardened	24	111199	1	Bearing-Ball
8	117-6327	1	Bolt-HH	25	114-2956	1	Lockwasher-Bearing
9	3296-53	1	Nut-Lock, NI	26	88-1450	1	Locknut-Bearing
10	302-34	1	Fitting-Lube	27	117-6315	1	Collar-Splined
11	115-1279-03	1	Bracket-Shield	28	104-1964	1	Sprocket-Trencher
12	322-5	8	Screw-HH	29	3274-4	6	Screw-HSH
13	3296-29	11	Nut-Lock, NI	30	137-3737-03	1	Auger-Trencher
14	322-23	1	Screw-HH	31	325-13	1	Screw-HH
15	3256-3	4	Washer-Flat	32	117-3479	2	Washer-Saddle
16	117-6317	1	Shield-Dirt	33	3296-23	1	Nut-Lock, NI

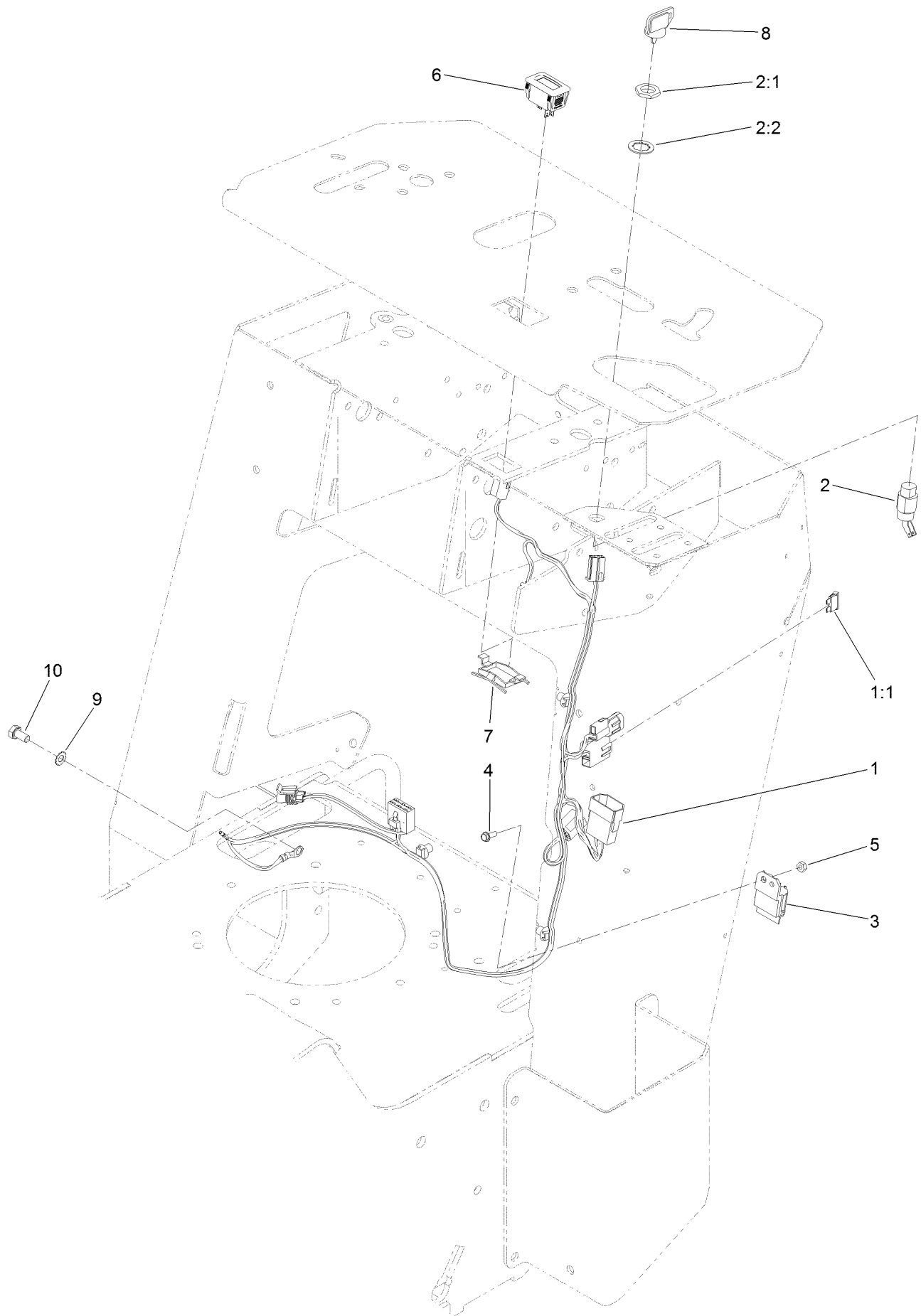
Traction Control Assembly



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	27-2320	2	Bearing	28	108-0634	4	Spacer-Plate, Retaining
2	106-5737	1	Control Support ASM	29	103-1167	2	Joint-Ball End, LH
2:2	256-252	2	Bearing-Flange	30	3274-2	2	Screw-HSH
3	95-3703	2	Washer-Spring, Wave	31	AU107344	2	Screw-Jack, Control
4	3256-39	2	Washer-Flat	32	3220-3	2	Nut-HJ
5	322-3	4	Screw-HH	33	115-6549	1	Plate-Base, LH
6	3296-29	6	Nut-Lock, NI	34	256-116	8	Bushing-Flange
7	117-6335	1	Rod-Drive	35	115-6637	1	Pivot-LH
8	257-8	1	Washer-Thrust	36	114-8629	4	Bolt-Shldr
9	112-2783	1	Lever-Pivot	37	3296-47	10	Nut-Lock,NI
10	115-1204	1	Plate-Neutral	38	115-6628	1	Plate-Arm, Return, LH
11	321-4	1	Screw-HH	39	322-5	2	Screw-HH
12	3296-42	1	Nut-Lock, NI	40	3253-4	2	Washer-Lock
13	108-9743	3	Washer-Plain	41	251-259	2	Bearing-Ball
14	98-8407	1	Lever-Return, RH	42	115-1290	2	Plate-Adapter, Control, RH
15	98-8408	1	Lever-Return, LH	43	322-4	4	Screw-HH
16	32151-91	1	Ring-Retaining	44	117-6429	2	Lock-Trunion
17	63-2650	2	Screw-Shoulder	45	3256-3	2	Washer-Flat
18	108-4724	1	Spring-Extension	46	94-3559	2	Screw-HSH
19	323-8	1	Screw-HH	47	121-4409	2	Spring-Extension
20	3296-39	3	Nut-Lock, NI	48	115-6535	1	Plate-Base, RH
21	120-5380-03	1	Handle-Control	49	115-6636	1	Pivot-RH
22	3247-6	2	Screw-Set	50	115-6536	1	Plate-Arm, Return
23	3218-3	2	Nut-Jam	51	3290-456	2	Washer-Belleville
24	115-4020	1	Decal-Traction	52	3273-14	2	Screw-HSH
25	98-1459	1	Decal	53	131-0668	1	Link-Steering, LH
26	3234-18	1	Screw-HHF	54	131-0669	1	Link-Steering, RH
27	32128-43	1	Nut-Flange	55	AU129-289	2	Nut-Jam, LH

Engine Wire Harness Assembly



Engine Wire Harness Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-6287	1	Harness-Wire
1:1	109355	1	Fuse-Blade, 15 Amp
2	29-5560	1	Switch-On / Off
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Lock
3	1-323430	1	Switch-Module-Interlock
4	32105-23	1	Screw

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	3296-2	1	Nut-Lock, NI
6	120-2244	1	Hourmeter
7	104-4234	1	Clip-Mounting
8	63-8360	1	Key-Ignition
9	3255-8	1	Washer-Lock
10	33114-016	1	Screw-HH

Attachments and Accessories

For 22972HD TRX-16 Trencher

Product Name	Model/Part
Crumber Kit	22477
24in Trencher Boom	22975
36in Trencher Boom	22976
48in Trencher Boom	22977
24in X 4in Soil Chain.....	22480
24in X 6in Soil Chain.....	22483
36in X 4in Soil Chain.....	22486
36in X 6in Soil Chain.....	22490
24in X 4in Combination Chain	22481
24in X 6in Combination Chain	22484
36in X 4in Combination Chain	22487
36in X 6in Combination Chain	22491
24in X 4in Rock Tooth Chain.....	22482
24in X 6in Rock Tooth Chain.....	22485
36in X 4in Rock Tooth Chain.....	22488
36in X 6in Rock Tooth Chain.....	22489
48in x 4in Soil Chain	22492
48in x 4in Combination Chain	22493
48in x 6in Soil Chain	22494
48in x 6in Combination Chain	22495
24in X 4in Bullet Chain.....	22496
24in X 6in Bullet Chain.....	22497
36in X 4in Bullet Chain.....	22498
Spark Arrestor Screen	94-8157
36in X 6in Bullet Chain.....	22499
Bore Drive Attachment.....	22978
Backfill Blade	22980
Semi-Gloss Black Spray Paint.....	361-9
Toro Red 12oz Aerosol Can	361-10
New Red Paint - Gallon	361-11

Notes:



Count on it.