



TRX-15 Trencher

Model No. 22970 - 280000001 and up.

Parts Catalog

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 illustrations and in part 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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Part Description Abbreviations

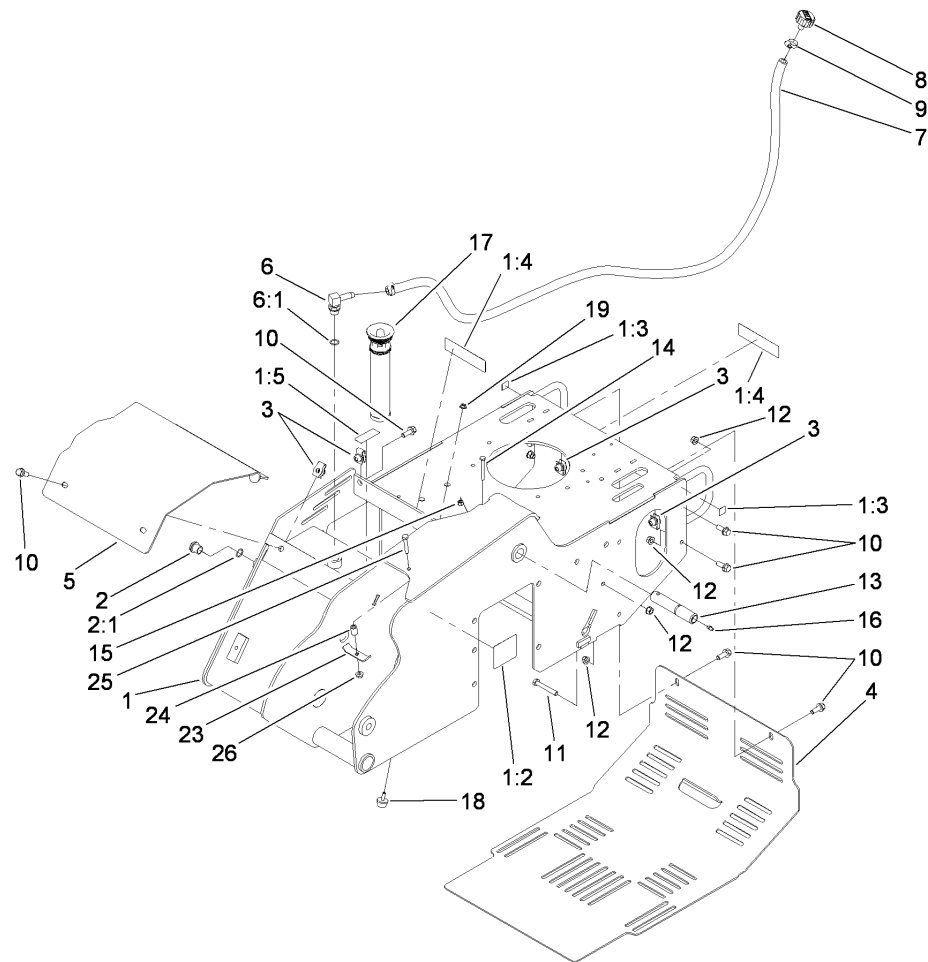
Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

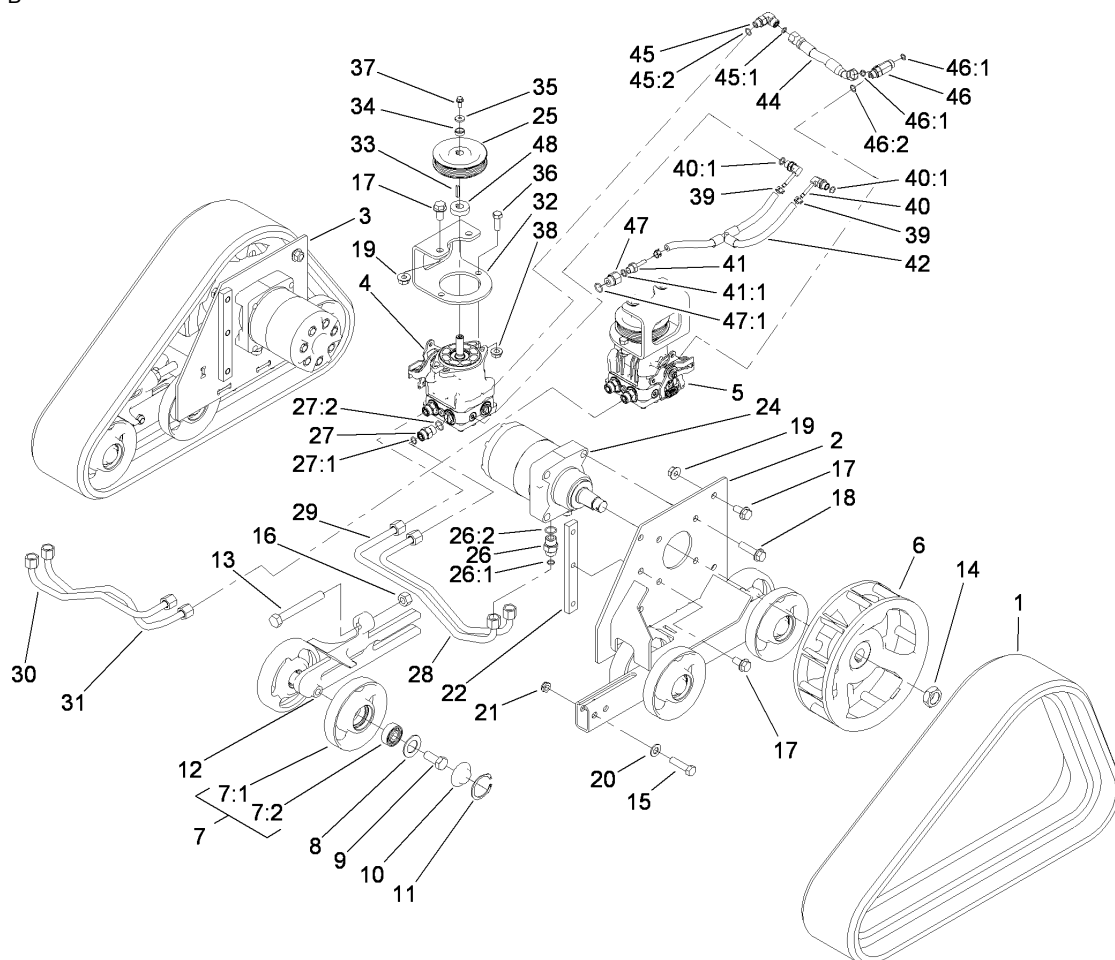
❶ Not illustrated

❷ Not serviced separately



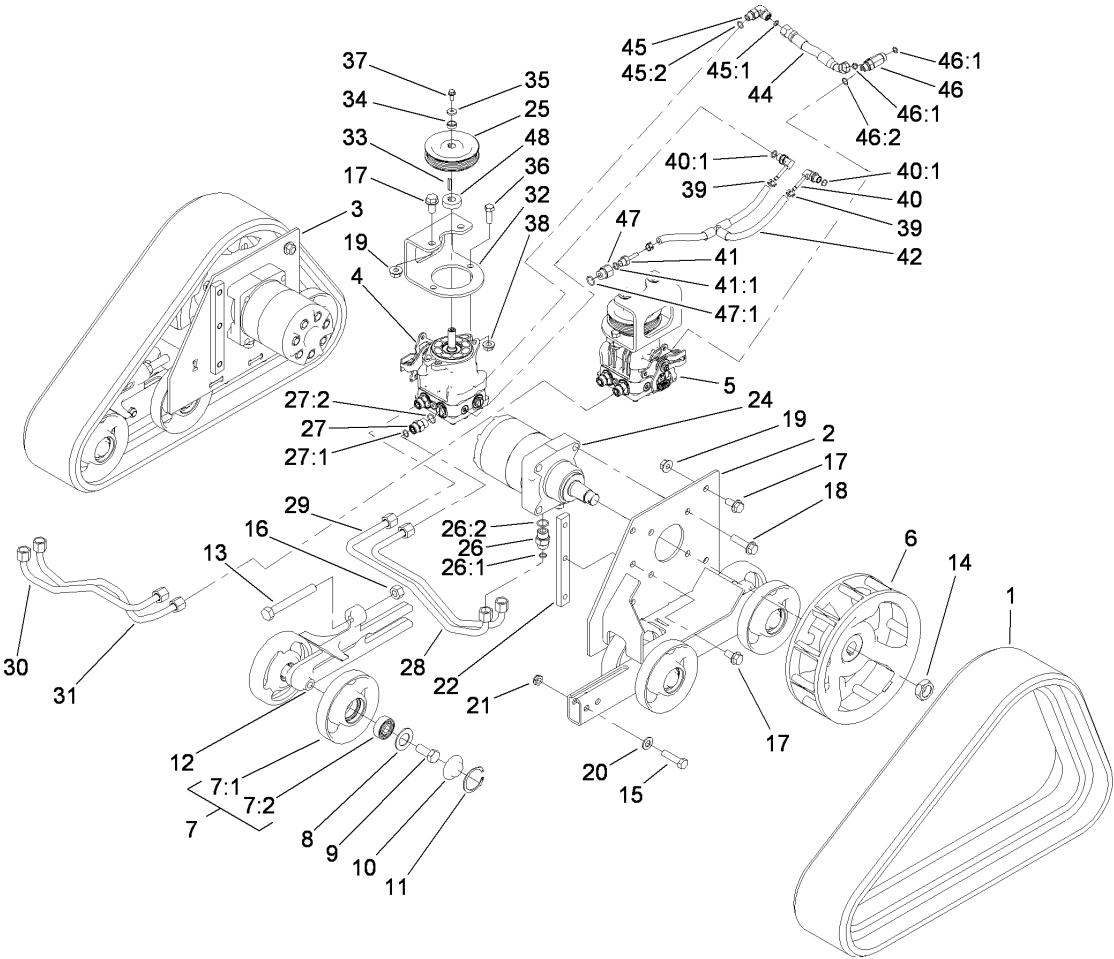
Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	114-8630	1	Main Frame ASM	19	32128-33	1	Nut-HF
1:2	100-4650	1	Decal-Warning	23	100-4860	1	Bracket-Clamp
1:3	93-9084	2	Decal-Point, Lift	24	93-5023	1	Spacer
1:4	93-7814	1	Decal-Danger	25	322-9	1	Screw-HH
1:5	93-6686	1	Decal-Oil, HYD	26	32128-20	1	Nut-HF
2	114-3075	1	Glass-Sight				
2:1	237-79	1	O-Ring				
3	112-4576	5	Nut-Tinnerman				
4	114-2926-01	1	Cover-Rear				
5	114-2925-03	1	Cover-Front				
6	354-120	1	Fitting-HYD, 90 DEG				
6:1	237-79	1	O-Ring				
7	114-3042	1	Hose-Breather				
8	68-6150	1	Breather				
9	2412-36	2	Clamp-Hose				
10	3234-11	5	Screw-HHF				
11	323-12	1	Screw-HH				
12	32128-40	2	Nut-Flange				
13	114-2937	1	Pin-Pivot				
14	321-18	1	Screw-HH				
15	3296-42	1	Nut-Lock, NI				
16	302-5	1	Fitting-Grease				
17	114-3039	1	In-Tank Filter ASM				
18	1-523420	1	Bumper				



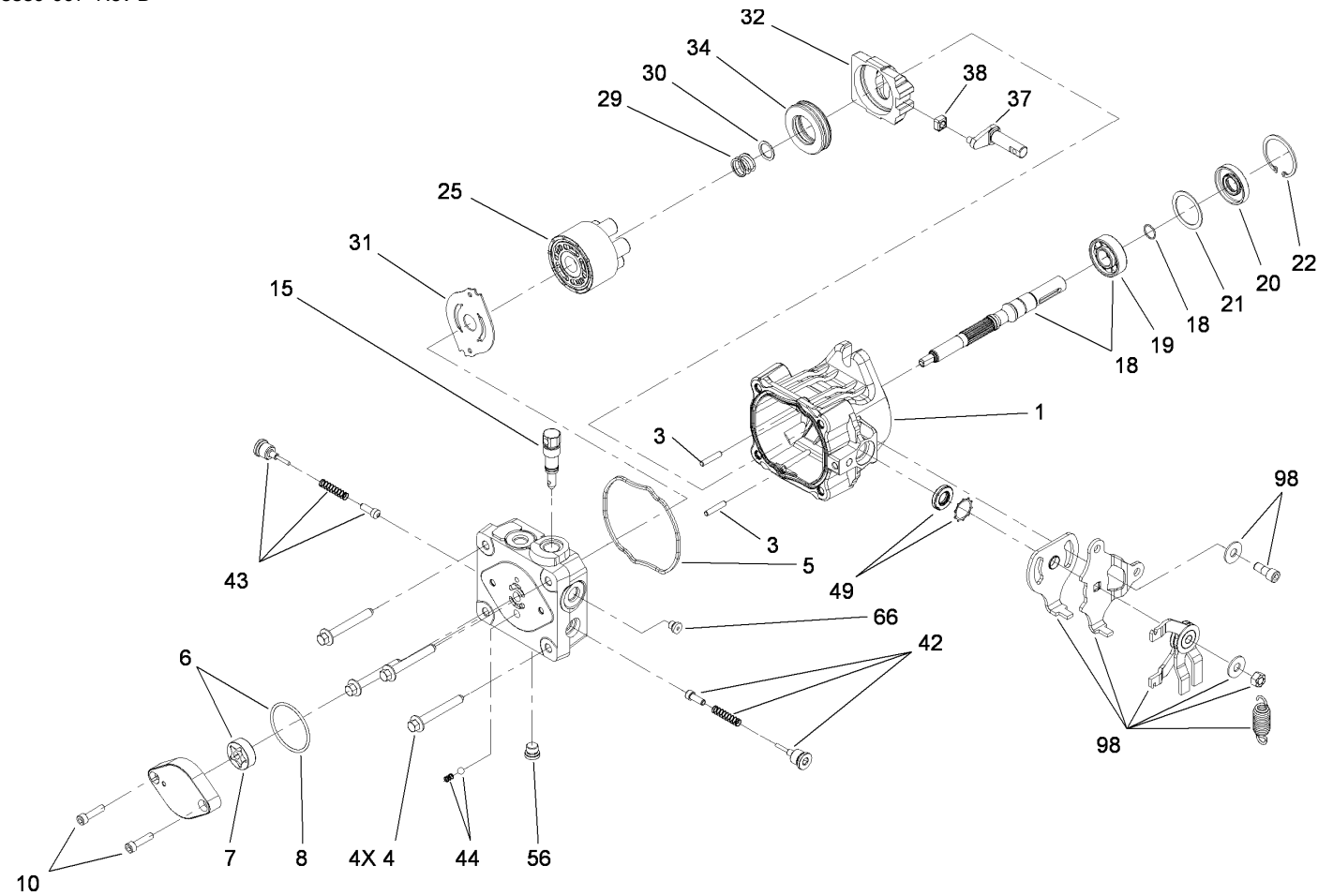
Track and Drive Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	112-4816	2	Track-Rubber	24	104-8470	2	Motor-Wheel, HYD
2	114-2992-03	1	LH Track Frame ASM	25	115-1298	2	Sheave-5K
3	114-2993-03	1	RH Track Frame ASM	26	340-6	4	Fitting-HYD, Straight
4	115-1283	1	RH HYD Pump ASM	26:1	237-30	1	O-Ring
5	115-1284	1	LH HYD Pump ASM	26:2	237-80	1	O-Ring
6	108-5648-03	2	Wheel-Drive	27	340-4	4	Fitting-HYD, Straight
7	112-4817	12	Wheel-Tensioner	27:1	237-30	1	O-Ring
7:1	114-3014-03	1	Wheel-Track	27:2	237-79	1	O-Ring
7:2	93-4237	1	Bearing	28	115-1285	1	HYD Tube ASM
8	106-7585	12	Gasket-Bogie	29	115-1286	1	HYD Tube ASM
9	327-4	12	Screw-HH	30	115-1287	1	HYD Tube ASM
10	106-7557	12	Cap-Wheel, Bearing	31	115-1288	1	HYD Tube ASM
11	106-7595	12	Ring-Snap, Internal	32	115-1289-01	2	Bracket-Mount, Pump
12	114-3077-03	2	Tensioner-Track	33	80-6090	2	Key-Pump
13	112-4874	2	Screw-HH, TAP	34	108-4211	2	Bushing
14	106-8159	2	Nut-Lock	35	73-3580	2	Washer
15	325-8	2	Screw-HH	36	324-5	4	Screw-HH
16	3217-11	2	Nut-Hex	37	33103-016	2	Screw-HHF
17	3234-6	14	Screw-HHF	38	32128-42	4	Nut-HF
18	3234-27	8	Screw-Flange	39	103-1716	3	Clamp-Hose
19	32128-49	8	Nut-HHF	40	103-1799	2	Elbow-90 DEG
20	3256-26	2	Washer-Flat	40:1	237-42	1	O-Ring
21	3296-45	2	Nut-Lock, NI	41	103-1801	1	Adapter-Straight
22	114-3091	2	Bar-Thread	41:1	237-42	1	O-Ring



Track and Drive Assembly (continued)

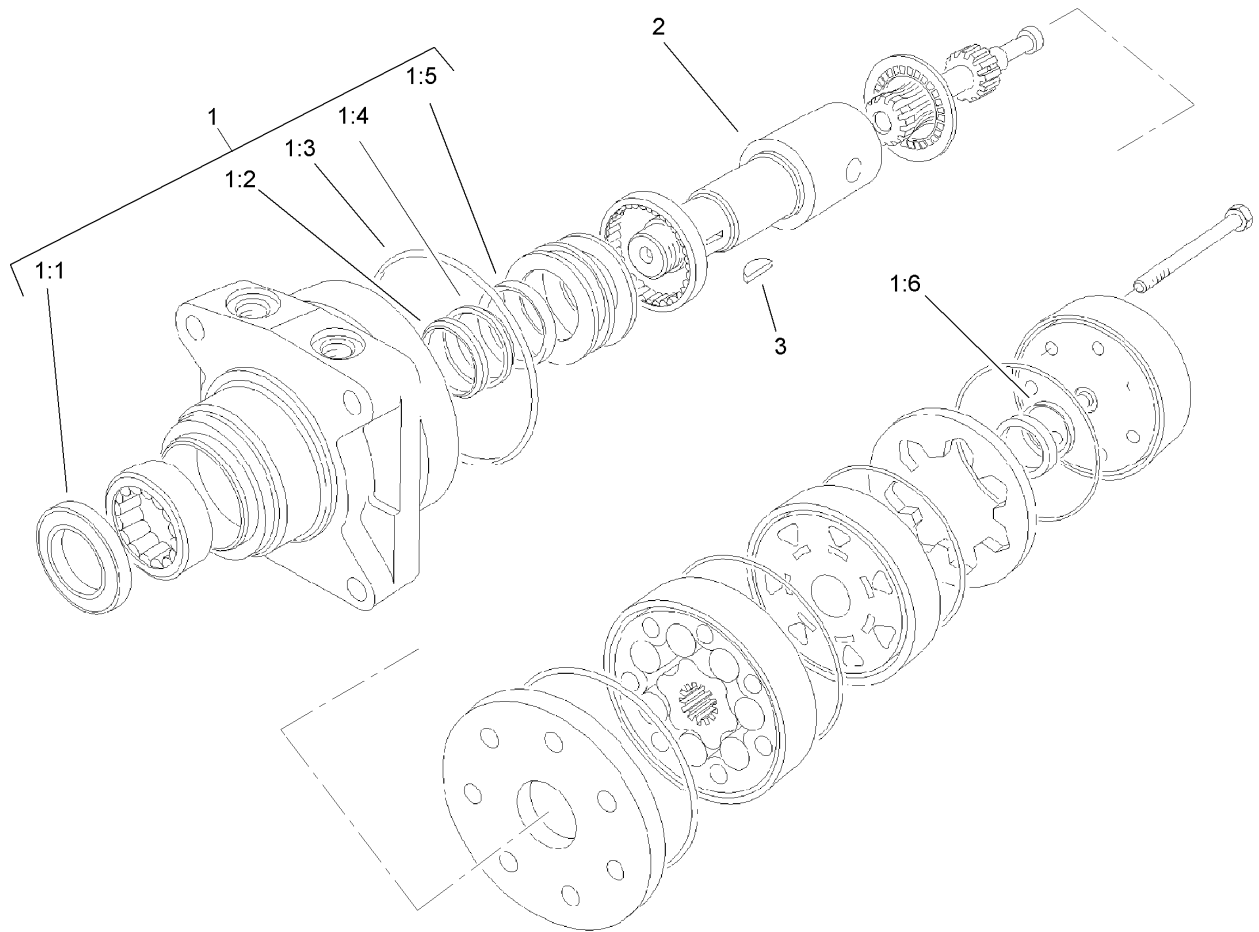
Ref	Part No.	Qty.	Description
42	115-1295	1	HYD Hose ASM
44	115-1297	1	HYD Hose ASM
45	340-77	1	Fitting-HYD, 90 DEG
45:1	237-22	1	O-Ring
45:2	237-42	1	O-Ring
46	340-86	1	Fitting-Tee
46:1	237-22	2	O-Ring
46:2	237-42	1	O-Ring
47	353-397	1	Reducer-Adapter
47:1	237-79	1	O-Ring
48	115-4002	2	Spacer



Hydraulic Pump Assembly No. 115-1283 and 115-1284

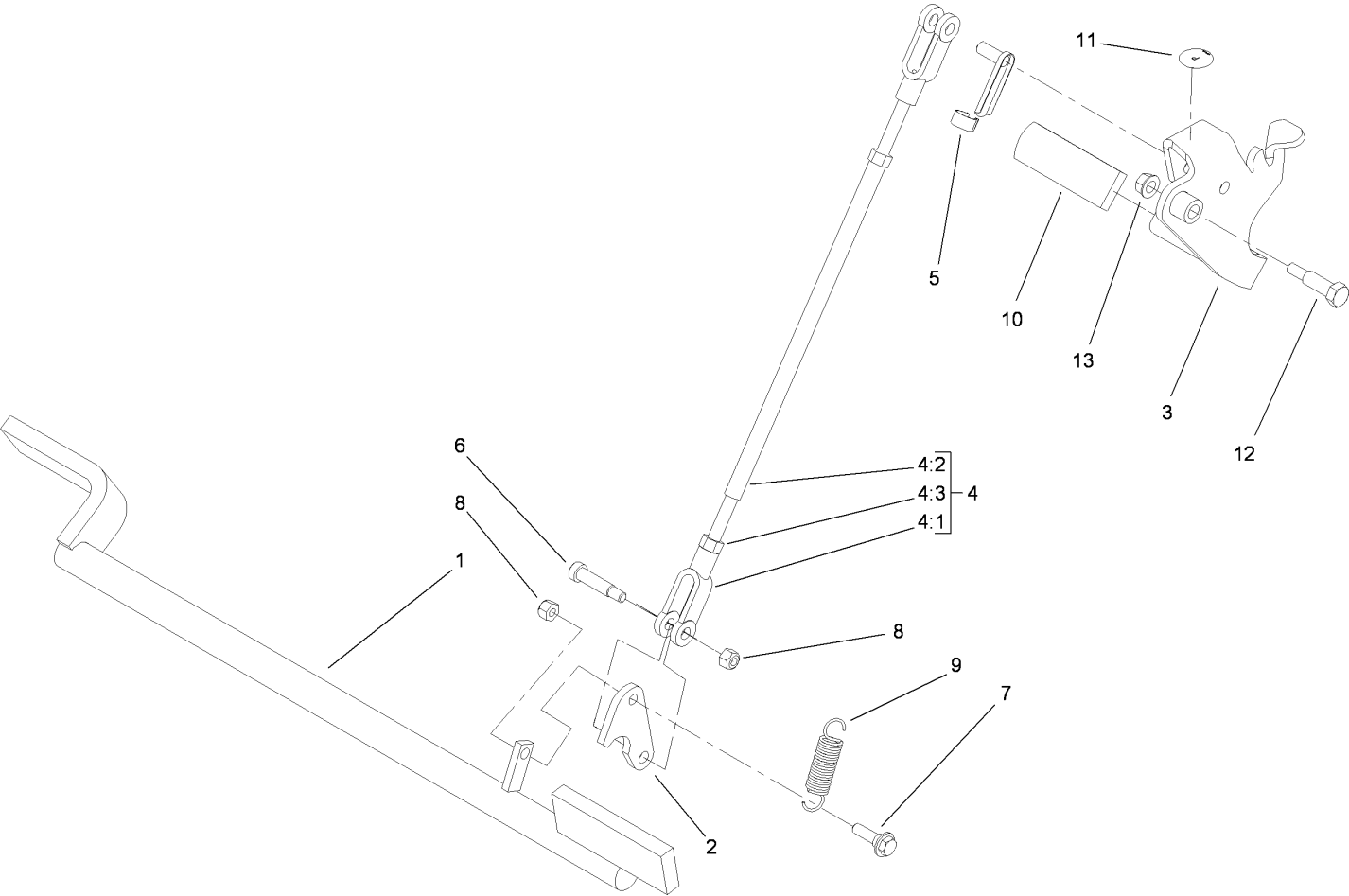
Ref	Part No.	Qty.	Description
1	114-0278	1	Housing Kit
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	104-2111	2	Capscrew
15	106-8759	1	Bypass Valve Kit
18	103-2664	1	Input Shaft Kit
19	104-5311	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
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Thrust, Block
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	104-2112	1	Trunnion ASM
38	94-1910	1	Guide-Slot
42	98-3252	1	Valve-Check (W/Poppet)
43	114-4133	1	Valve-Check, W/Poppet

Ref	Part No.	Qty.	Description
44	106-8760	1	Charge Relief Valve Kit
49	106-8761	1	Trunnion Seal / Retainer Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
98	114-0277	1	Return Kit
99	105-6184	1	Seal Overhaul Kit



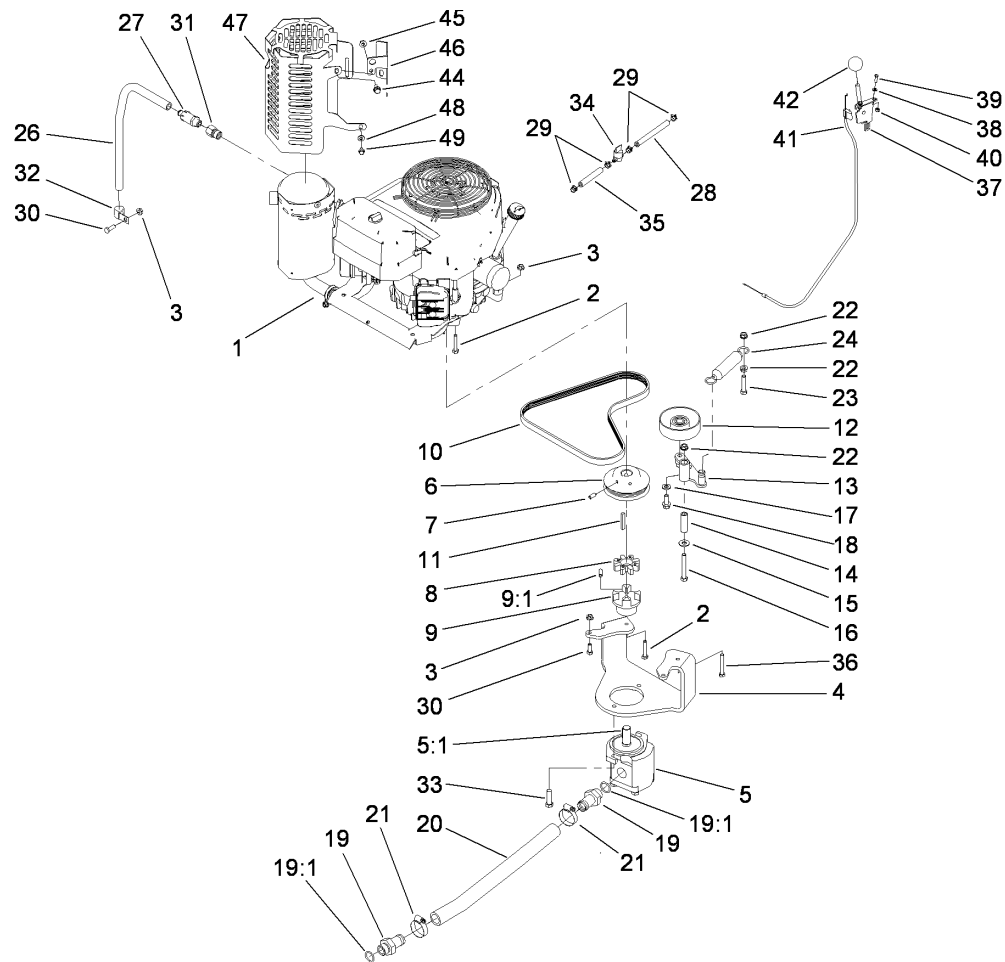
Hydraulic Motor Assembly No. 104-8470

Ref	Part No.	Qty.	Description				
1	100-6131	1	Seal Kit				
21:1		1	Seal-Dirt And Water				
21:2		1	Washer-Backup				
21:3		5	Seal-Ring				
21:4		1	Washer-Backup				
21:5		1	Seal-Inner				
21:6		1	Seal-Commutator				
2	99-3090	1	Shaft-Coupling				
3	3257-42	1	Key-Woodruff				



Parking Brake Assembly

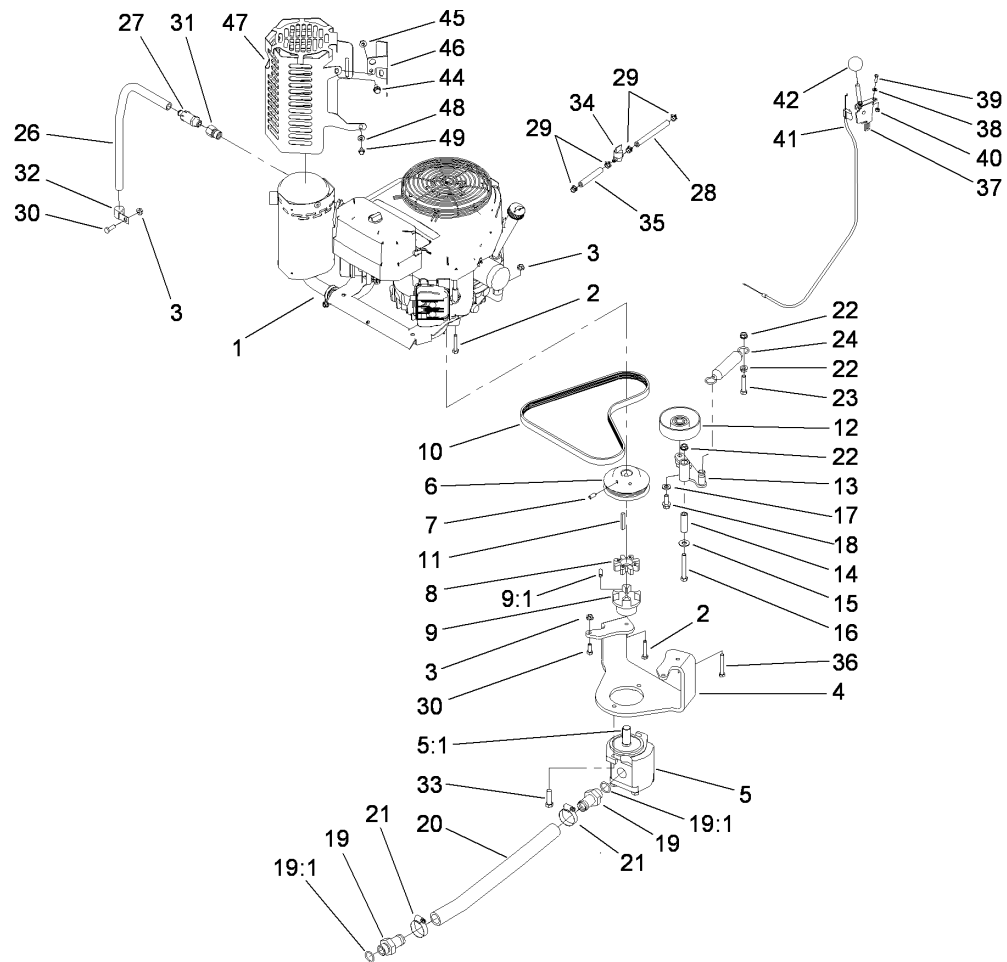
Ref	Part No.	Qty.	Description				
1	114-2972-03	1	Brake Bar ASM				
2	114-2975	1	Link-Mounting				
3	114-2957-03	1	Brake Handle ASM				
4	103-4335	1	Brake Rod ASM				
4:1	1-633131	2	Yoke-Linkage, Brake				
4:2	103-3907	1	Linkage-Handle, Brake				
4:3	3219-3	2	Nut-Hex				
5	103-2399	1	Pin-Spring, Clevis				
6	114-0239	1	Screw-HSH				
7	27-7211	1	Screw-Shoulder				
8	3296-29	2	Nut-Lock, NI				
9	67-1450	1	Spring-Idler				
10	62-9130	1	Grip-Handle				
11	107-8495	1	Decal-Parking Brake				
12	7-0030	1	Bolt-Shoulder				
13	32128-20	1	Nut-HF				



Engine Assembly

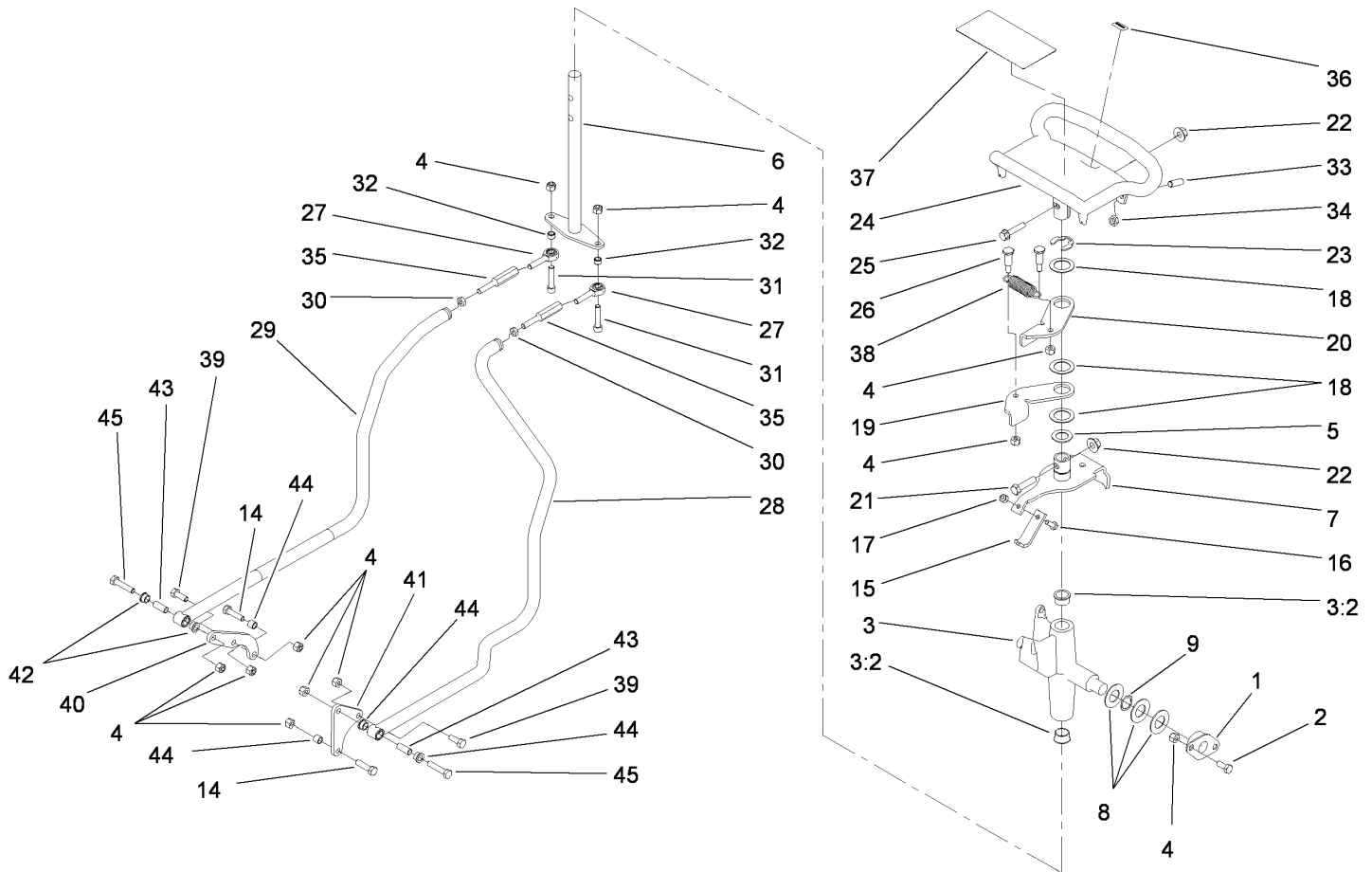
Ref	Part No.	Qty.	Description
1	114-3070	1	Engine ASM
2	322-9	3	Screw-HH
3	32128-20	7	Nut-HF
4	114-2912-01	1	Mount-Pump
5	114-3072	1	Gear Pump ASM
5:1	104-5839	1	Key-Square
5:2	115-1265	1	Seal Kit
6	114-8559-03	1	Pulley-Engine
7	3246-6	2	Screw-Set, HSH
8	93-8827	1	Spider-Coupler
9	114-2933	1	Coupler-Flex
9:1	100-7594	1	Screw-Set
10	114-2991	1	Belt-V
11	608006	1	Key-Square
12	95-8802	1	Pulley-Idler
13	114-2915	1	Idler Arm ASM
14	114-2916	1	Bushing-Idler
15	3256-4	1	Washer-Flat
16	323-13	1	Screw-HH
17	3256-24	1	Washer-Flat
18	3234-11	1	Screw-HHF
19	99-3017	2	Fitting
19:1	237-81	1	O-Ring
20	114-2917	1	Hose-Suction

Ref	Part No.	Qty.	Description
21	2412-111	2	Clamp
22	3290-357	3	Nut-HHF, Whiz
23	323-9	1	Screw-HH
24	66-4270	1	Spring-Extension
26	98-4667	1	Hose-Drain, Oil
27	92-6877	1	Valve-Drain, Oil
28	109-0306	1	Hose-Fuel
29	2412-98	4	Clamp
30	322-4	3	Screw-HH
31	103-1966	1	Adapter
32	94-9580	1	Clamp-J
33	324-6	2	Screw-HH
34	1-603770	1	Valve-Fuel
35	109-0295	1	Hose-Fuel
36	322-11	1	Screw-HH
37	108-9730	2	Control Lever ASM
38	3256-21	4	Washer-Flat
39	3290-134	4	Screw
40	3296-2	4	Nut-Lock
41	115-1211	2	Cable-Control
42	233-42	2	Knob
44	3234-14	3	Screw-HHF
45	32128-20	3	Nut-HF
46	115-4017-03	1	Bracket-Guard, Muffler



Engine Assembly (continued)

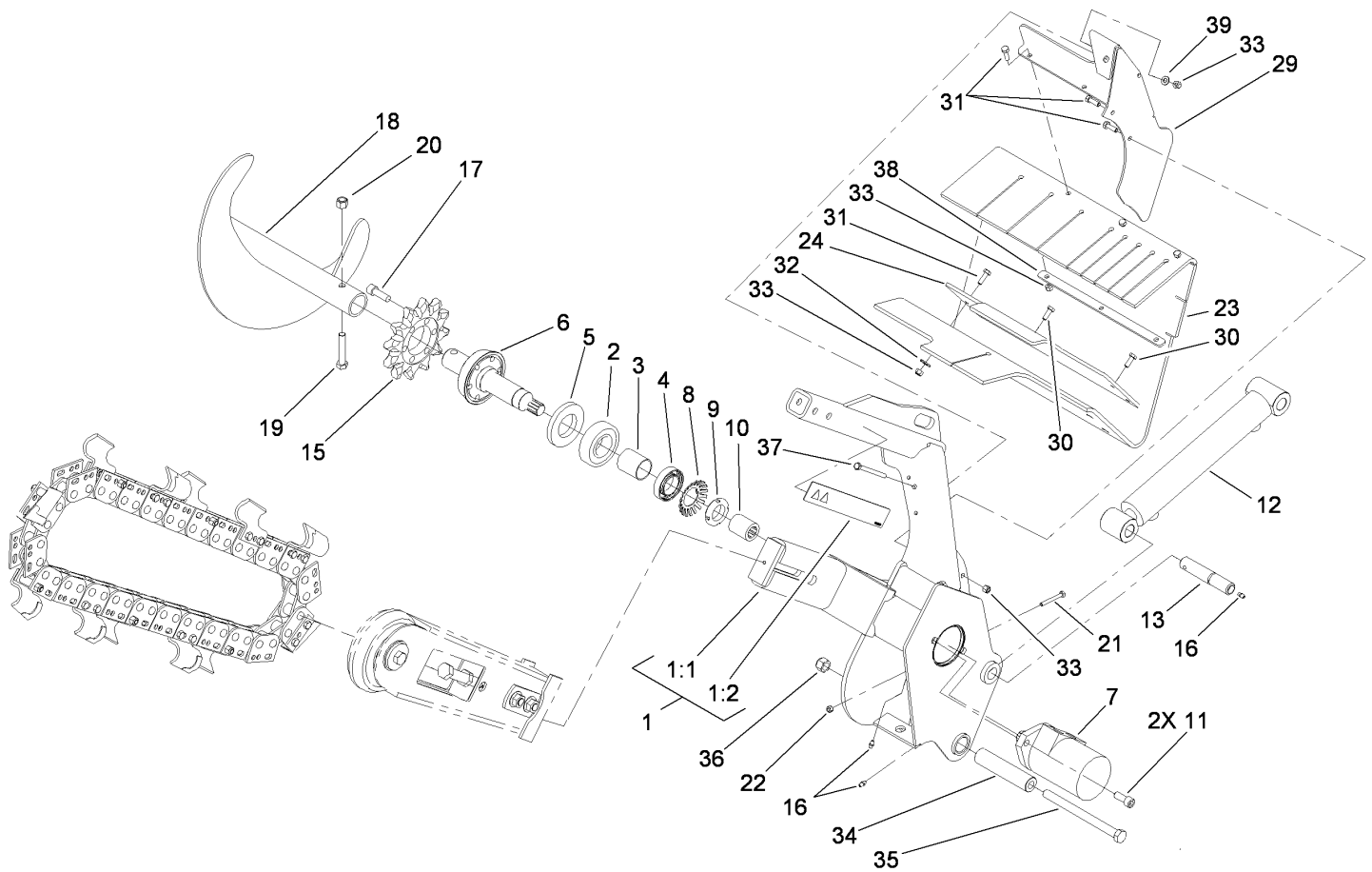
Ref	Part No.	Qty.	Description
47	114-8748-03	1	Muffler Shield ASM
48	3256-22	1	Washer-Flat
49	33103-012	1	Screw-HHF



Control Assembly

Ref	Part No.	Qty.	Description
1	68-2970	2	Bushing
2	322-3	4	Screw-HH
3	106-5737	1	Control Support ASM
3:2	256-252	2	Bearing-Flange
4	3296-29	14	Nut-Lock, NI
5	257-8	1	Washer-Thrust
6	106-5745	1	Drive Rod ASM
7	112-2783	1	Pivot Lever ASM
8	3256-39	6	Washer-Flat
9	95-3703	2	Washer-Spring, Wave
14	322-6	2	Screw-HH
15	115-1204	1	Plate-Neutral
16	321-4	1	Screw-HH
17	3296-42	1	Nut-Lock, NI
18	108-9743	3	Washer-Plain
19	98-8407	1	Lever-Return, RH
20	98-8408	1	Lever-Return, LH
21	323-8	1	Screw-HH
22	32128-43	2	Nut-Flange
23	32151-91	1	Ring-Retaining
24	106-7614-03	1	Handle-Control
25	3234-18	1	Screw-HHF
26	63-2650	2	Screw-Shoulder
27	2411-53	2	Bearing-Rod End, LH

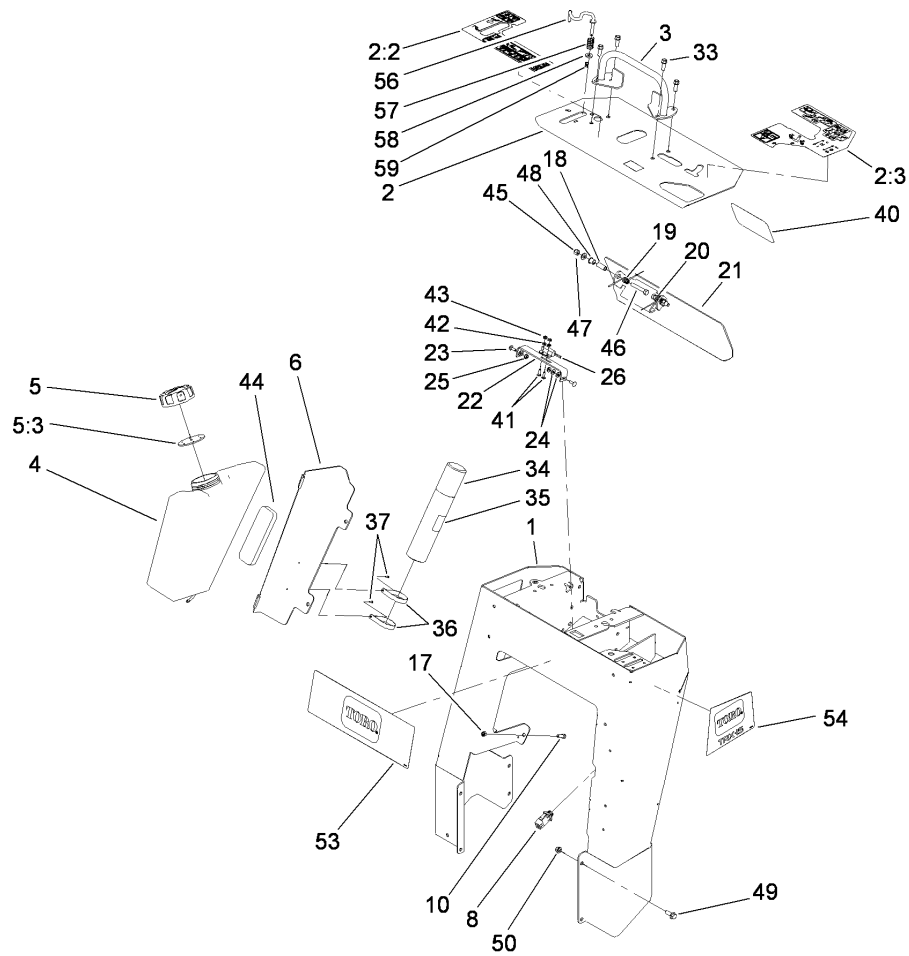
Ref	Part No.	Qty.	Description
28	114-2901	1	LH Control Rod ASM
29	114-2902	1	RH Control Rod ASM
30	3220-2	2	Nut-Jam
31	3274-83	4	Screw-HSH
32	92-3133	2	Spacer-Lever, Traction
33	3247-6	2	Screw-Set
34	3218-3	2	Nut-Jam
35	114-3095	2	Link-Control
36	98-1459	1	Decal
37	115-4020	1	Decal-Traction
38	108-4724	1	Spring-Extension
39	322-4	2	Screw-HH
40	115-1290	1	Plate-Adapter, Control, RH
41	115-1291	1	Plate-Adapter, Control, LH
42	1-603735	4	Bushing-Flanged
43	115-1293	2	Spacer
44	1-633545	2	Spacer
45	322-7	2	Screw-HH



Trencher Assembly

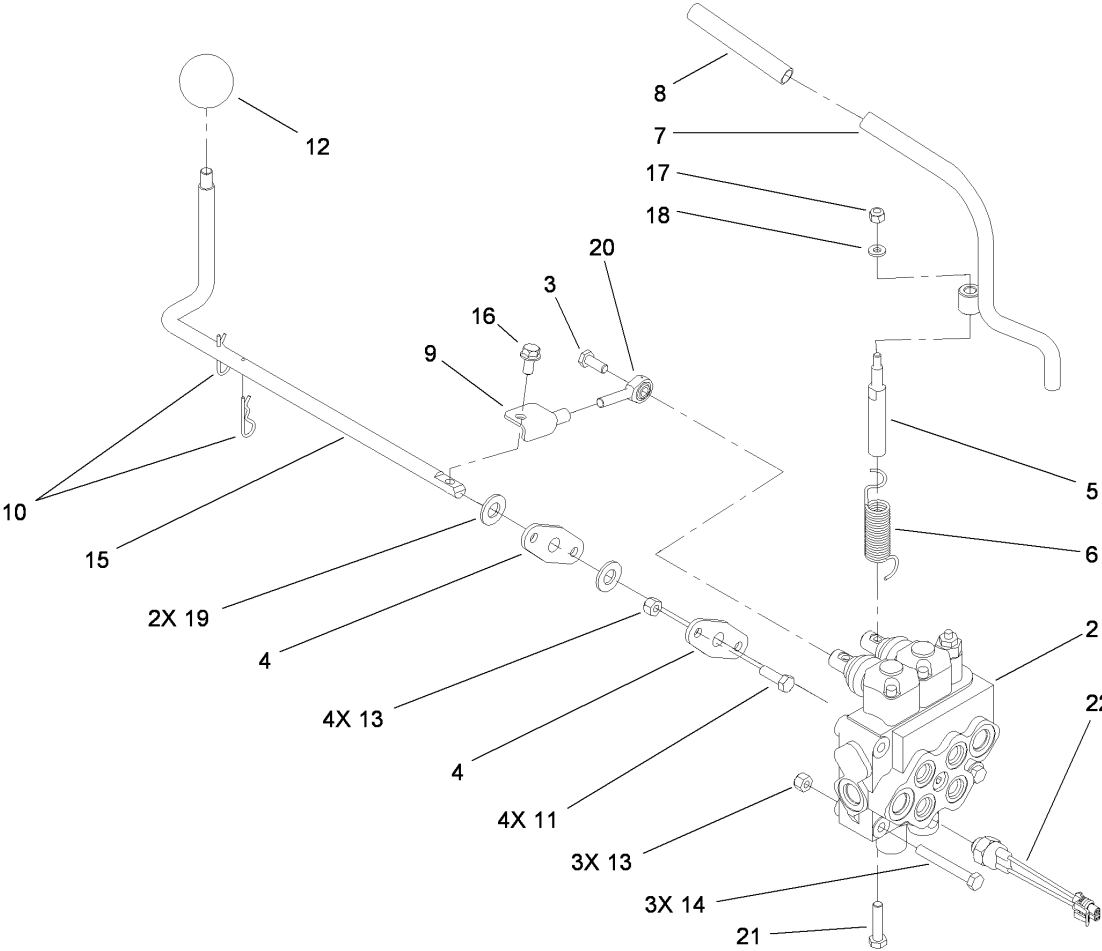
Ref	Part No.	Qty.	Description
1	114-8631	1	Trencher Head ASM
1:1	112-4980-03	1	Head-Trencher
1:2	99-9952	2	Decal-Danger
2	106-8871	1	Bearing-Ball
3	112-4979	1	Spacer
4	111199	1	Bearing-Ball
5	114-2955	1	Seal-Grease
6	112-4993	1	Trencher Shaft ASM
7	114-3053	1	Motor-HYD
7:1	106-1989	1	Seal Kit
8	114-2956	1	Lockwasher-Bearing
9	88-1450	1	Locknut-Bearing
10	114-2954	1	Spline-Collar
11	3274-89	2	Screw-HSH
12	112-2602	1	HYD Cylinder ASM
12:1	107-1183	1	Seal Kit
13	114-2937	1	Pin-Pivot
15	104-1964	1	Sprocket-Trencher
16	302-5	3	Fitting-Grease
17	3274-4	6	Screw-HSH
18	112-4996-03	1	Trencher Auger ASM
19	325-11	1	Screw-HH
20	3296-23	1	Nut-Lock, NI
21	321-18	1	Screw-HH

Ref	Part No.	Qty.	Description
22	3296-42	1	Nut-Lock, NI
23	114-8569	1	Shield-Dirt
24	115-1220-03	1	Bar-Clamp
29	115-1279-03	1	Bracket-Shield
30	322-4	2	Screw-HH
31	322-5	6	Screw-HH
32	3256-3	1	Washer-Flat
33	3296-29	7	Nut-Lock, NI
34	114-8573	1	Spacer-Pivot
35	1-800861	1	Screw-Cap, HH
36	3296-41	1	Nut-Lock NI
37	322-23	1	Screw-HH
38	115-4001-03	1	Plate-Strap, Shield
39	3256-23	1	Washer-Flat



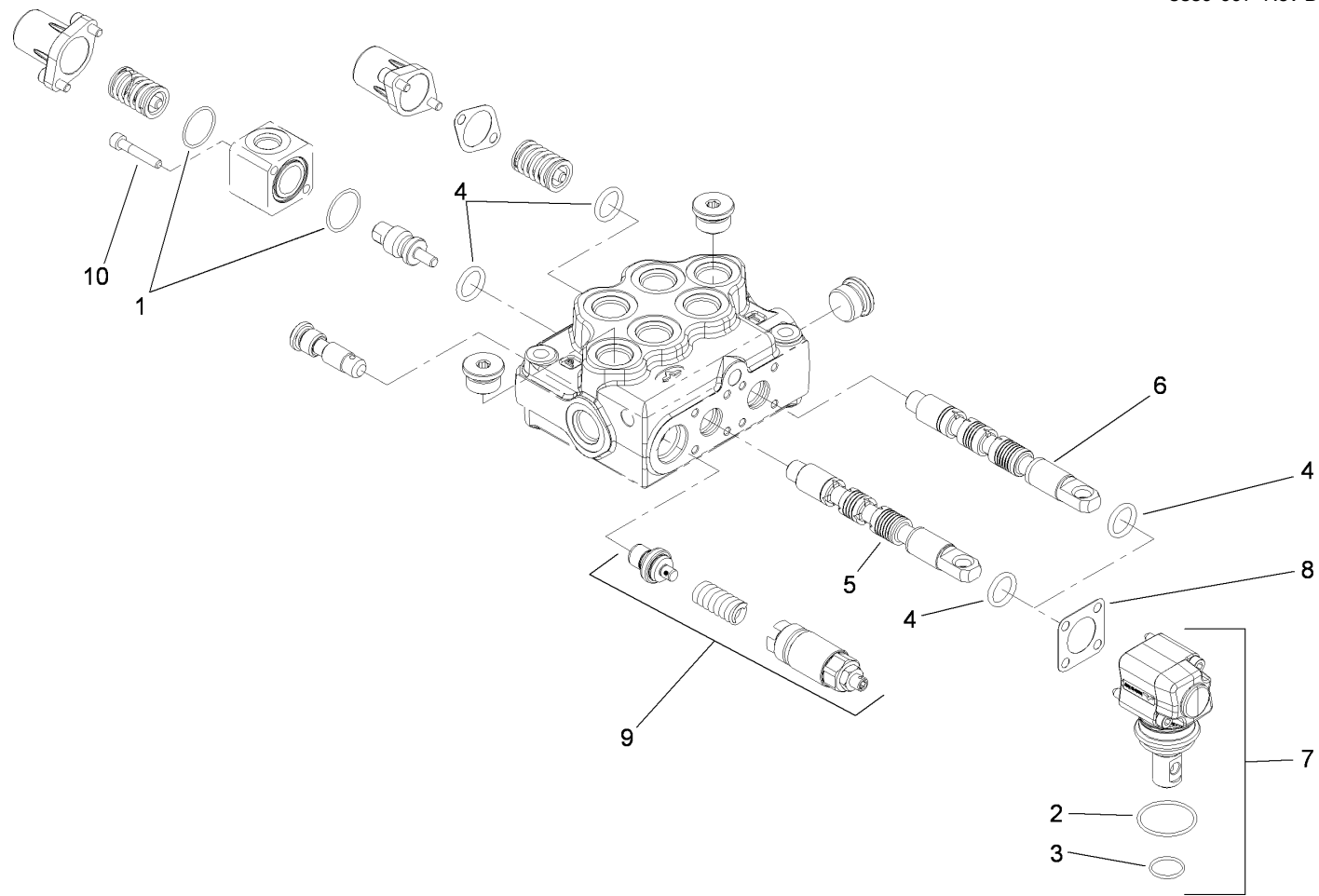
Control Tower Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	112-4890-01	1	Tower ASM	36	2412-120	2	R-Clamp
2	114-8633	1	Panel-Control	37	3269-17	2	Rivet-Pop
2:2	115-1231	1	Decal-Console, RH	40	105-1217	1	Decal
2:3	115-1230	1	Decal-Console, LH	41	3229-20	2	Screw-CARR
3	106-7715	1	Reference Bar ASM	42	3256-51	2	Washer-Flat
4	112-4972	1	Tank-Fuel	43	32149-7	2	Nut-Keps
5	104-7418	1	Cap-Fuel, Gas	44	107-7507	1	Pad-Foam
5:3	104-7420	1	Gasket-Vented	45	3296-39	2	Nut-Lock, NI
6	114-3065-01	1	Bracket-Cover, Tank	46	323-11	2	Screw-HH
8	100-1268	1	Switch-Plunger	47	3256-24	2	Washer-Flat
10	322-5	2	Screw-HH	48	256-257	2	Bushing-Nyliner
17	3296-29	2	Nut-Lock, NI	49	3234-11	8	Screw-HHF
18	114-1337	2	Spacer-Spring	50	32128-40	8	Nut-Flange
19	98-8425	1	Spring-Torsion, LH	53	115-4004	1	Decal
20	98-8424	1	Spring-Torsion, RH	54	115-4005	1	Decal
21	114-3012-03	1	Reverse Plate ASM	56	114-8727	1	Rod-Interlock
22	100-1263	1	Plate-Switch	57	85-6750	1	Spring-Control
23	3229-1	2	Screw-CARR	58	88-7200	1	Washer-Flat
24	3256-22	4	Washer-Flat	59	3290-307	1	Pin-Hair
25	32149-2	2	Nut-Keps				
26	100-1270	1	Switch-Proximity				
33	95-1726	4	Screw-Taptite				
34	104-7048	1	Cap-Housing				
35	104-7050	1	Housing-Manual				



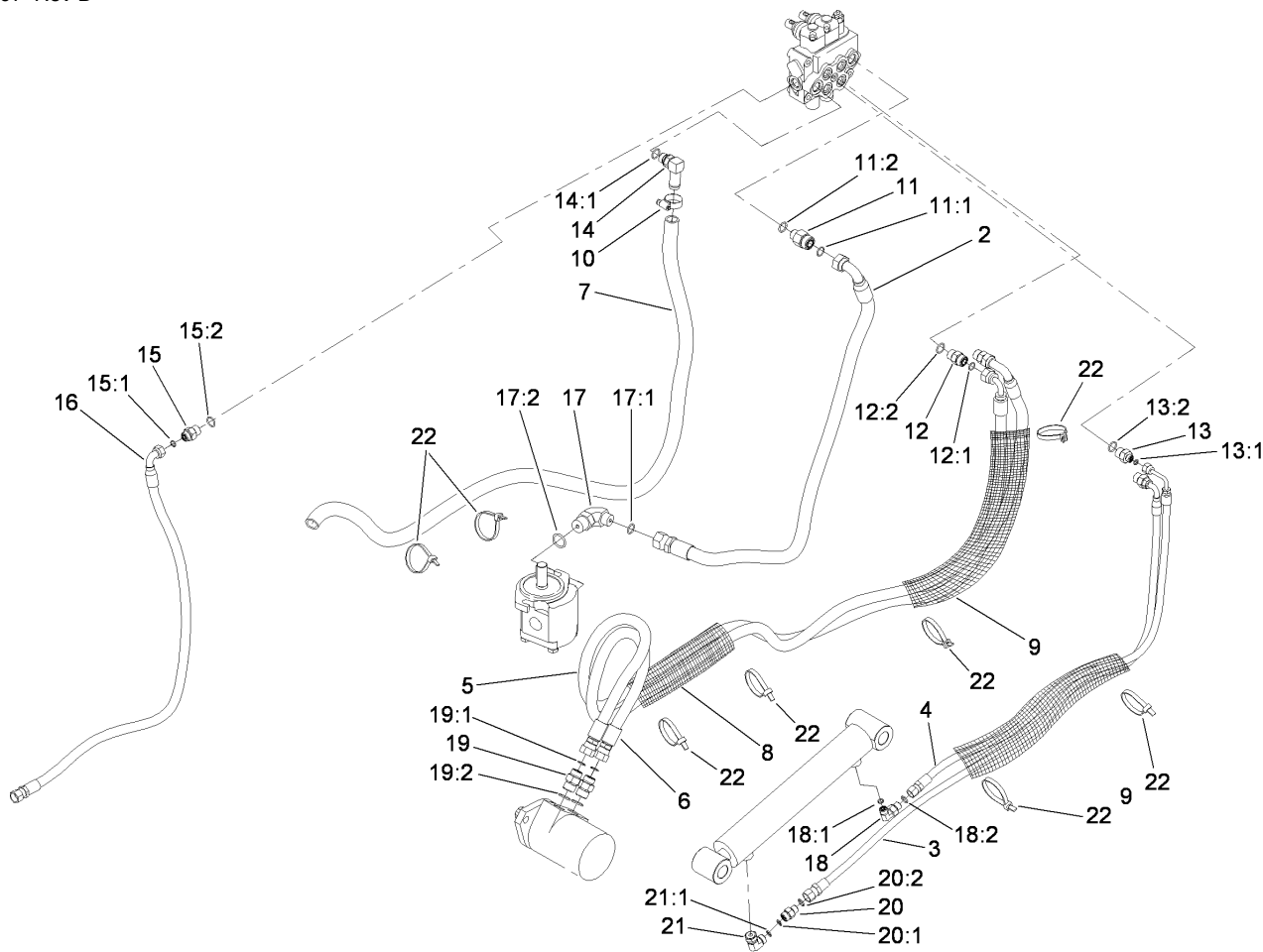
Hydraulic Control Assembly

Ref	Part No.	Qty.	Description				
2	115-1201	1	HYD Valve ASM				
3	33114-020	1	Screw-HH				
4	20-1620	1	Bearing-Wheel, Friction				
5	104-2827	1	Spacer-Hiflo				
6	112-2738	1	Spring-Torsion				
7	112-2739	1	Auxiliary Lever ASM				
8	112-2605	1	Grip-Rubber				
9	114-8612	1	Control ASM				
10	3290-467	2	Pin-Hair				
11	322-5	2	Screw-HH				
12	233-21	1	Knob				
13	3296-29	5	Nut-Lock, NI				
14	322-12	3	Screw-HH				
15	114-8598	1	Rod-Lever, Cylinder				
16	3234-14	1	Screw-HHF				
17	3296-42	1	Nut-Lock, NI				
18	3256-16	1	Washer-Flat				
19	3256-26	2	Washer-Flat				
20	115-1273	1	Bearing-Rod End				
21	48-7740	1	Screw				
22	72-4310	1	Switch-Ball				



Hydraulic Valve Assembly No. 115-1201

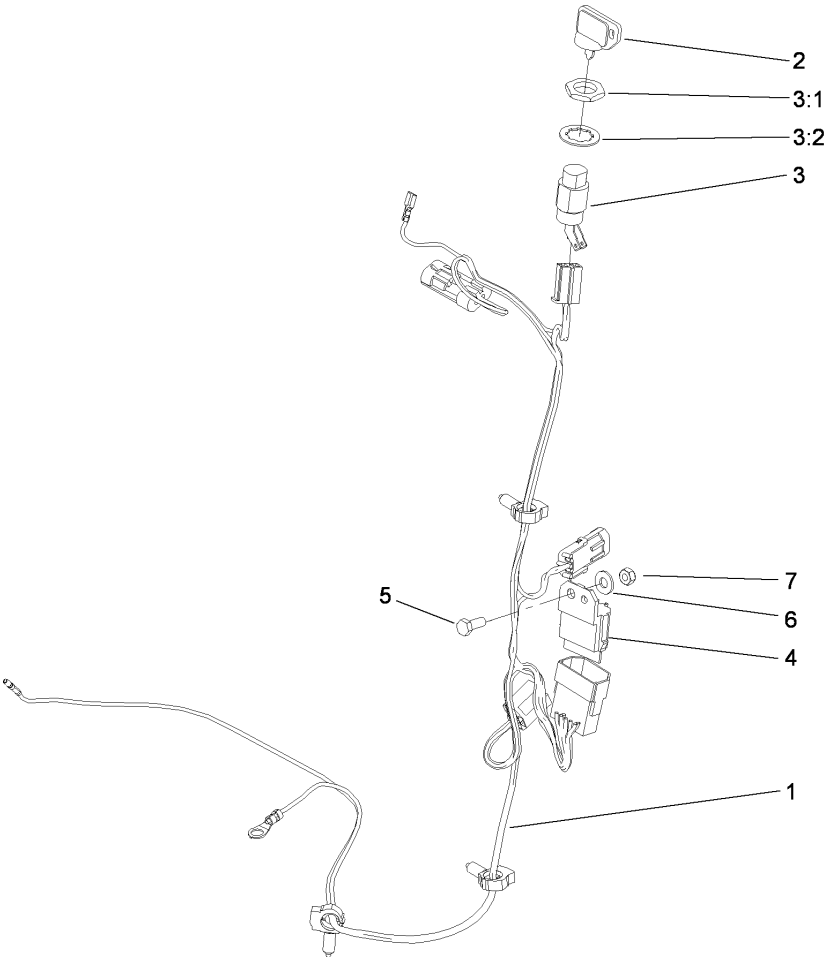
Ref	Part No.	Qty.	Description				
1	114-8621	2	O-Ring Seal				
2	114-8622	2	O-Ring Seal				
3	114-8623	2	O-Ring Seal				
4	106-7719	4	Seal-Valve				
5	114-8624	1	Valve-Spool				
6	114-8625	1	Valve-Spool				
7	100-7229	2	Lever Kit				
8	99-3075	2	Gasket				
9	100-8805	1	Valve-Relief				
10	100-8803	2	Screw				



Hydraulic Routing Assembly

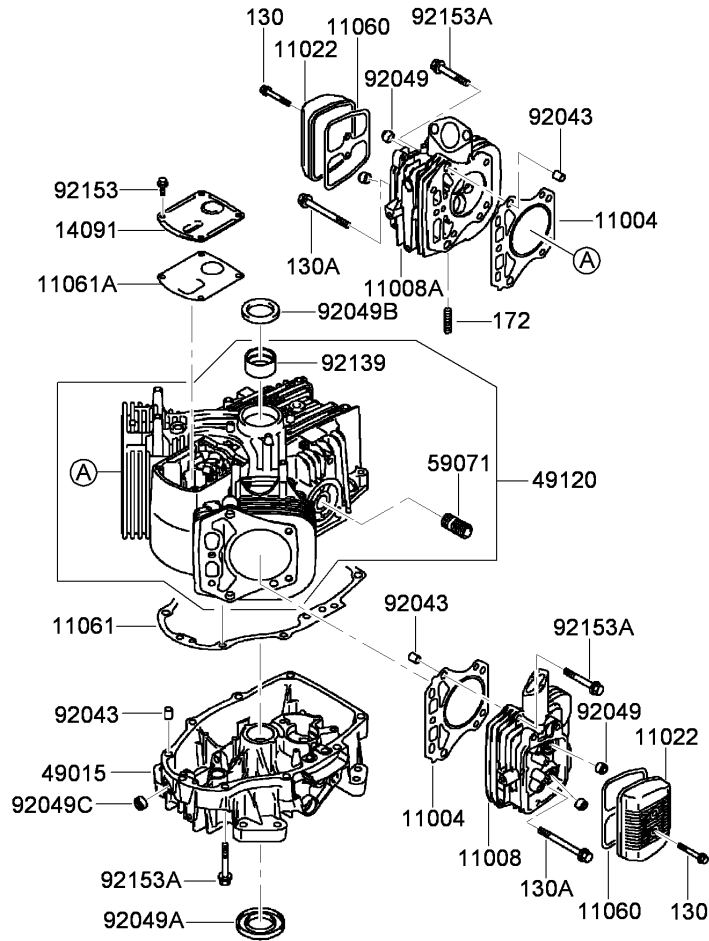
Ref	Part No.	Qty.	Description
2	114-3043	1	Hose ASM
3	114-3044	1	Hose ASM
4	114-3045	1	Hose ASM
5	114-3046	1	Hose ASM
6	114-3085	1	HYD Hose ASM
7	114-3047	1	Hose-Return
8	99-5648	1	Sleeve-Protective
9	100-6128	2	Sleeve-Protective
10	2412-129	2	Clamp-Hose
11	340-155	1	Fitting-HYD, Straight
11:1	237-79	1	O-Ring
11:2	237-151	1	O-Ring
12	340-4	2	Fitting-HYD, Straight
12:1	237-30	1	O-Ring
12:2	237-79	1	O-Ring
13	340-133	2	Adapter
13:1	237-79	1	O-Ring
13:2	237-21	1	O-Ring
14	353-954	1	Adapter
14:1	237-79	1	O-Ring
15	340-3	1	Adapter
15:1	237-22	1	O-Ring
15:2	237-79	1	O-Ring
16	115-1296	1	HYD Hose ASM

Ref	Part No.	Qty.	Description
17	340-139	1	Fitting-HYD, 90 DEG
17:1	237-81	1	O-Ring
17:2	237-65	1	O-Ring
18	340-82	1	Adapter
18:1	237-42	1	O-Ring
18:2	237-21	1	O-Ring
19	340-6	2	Fitting-HYD, Straight
19:1	237-30	1	O-Ring
19:2	237-80	1	O-Ring
20	114-7783	1	Fitting-Straight
20:1	237-22	1	O-Ring
20:2	237-42	1	O-Ring
21	340-159	1	Fitting-HYD, 90 DEG
21:1	237-22	2	O-Ring
22	3334-945	8	Tie-Cable



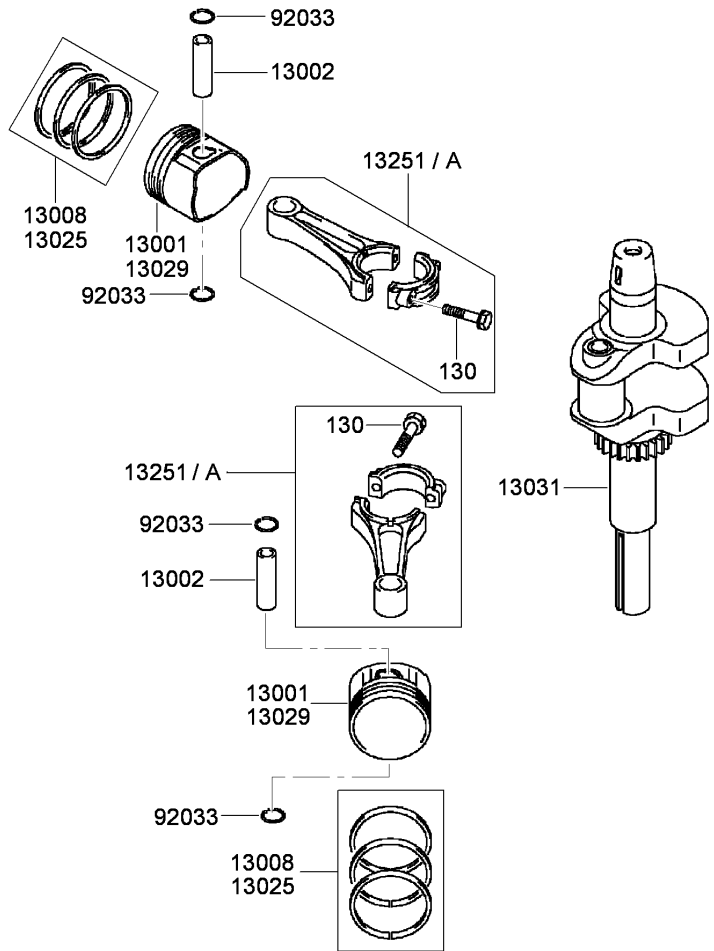
Electrical Assembly

Ref	Part No.	Qty.	Description				
1	114-3049	1	Harness-Wire				
2	63-8360	1	Key-Ignition				
3	29-5560	1	Switch-On / Off				
3:1	218-461	1	Nut-HH				
3:2	3254-5	1	Washer-Tooth				
4	1-323430	1	Module-Interlock				
5	33113-016	1	Screw-HH				
6	3256-22	1	Washer-Flat				
7	33023-00	1	Nut-Lock				



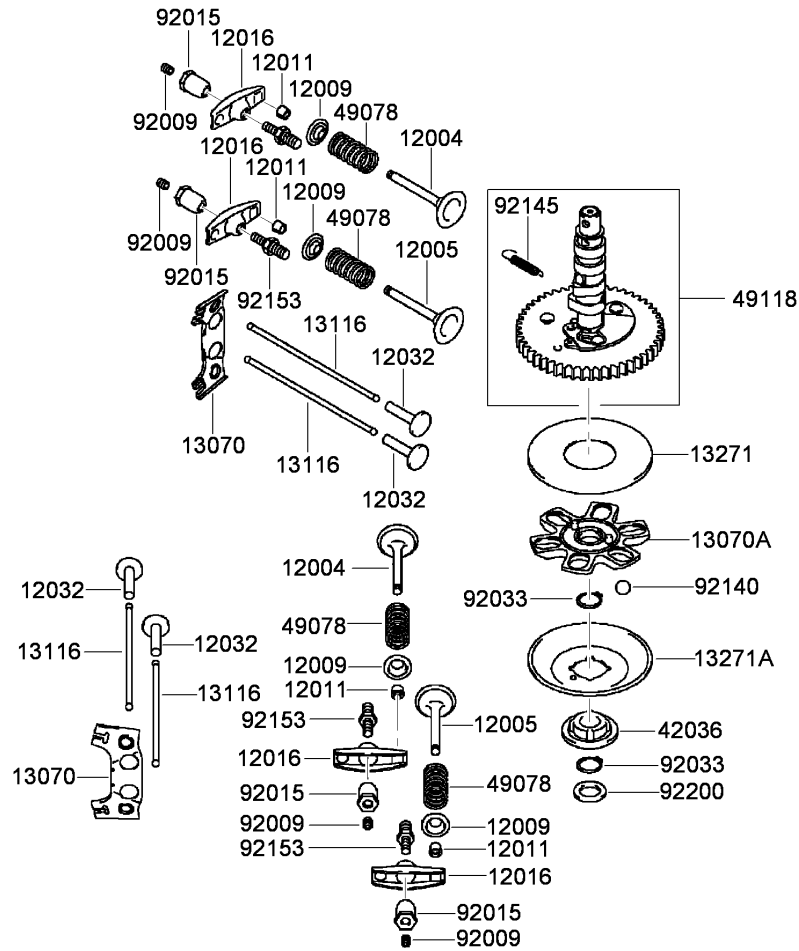
Cylinder and Crankcase Assembly

Ref	Part No.	Qty.	Description				
130	100-2805	4	Bolt-Flanged (6X40)				
130A	114-8657	2	Bolt-Flanged (8X75)				
172	114-8658	4	Bolt-Stud (8X18)				
11004	114-8640	2	Gasket-Head				
11008	114-8641	1	Head-Cylinder, No 2				
11008A	114-8642	1	Head-Cylinder, No 1				
11022	114-8643	2	Case-Rocker				
11060	114-8644	2	Gasket-Case, Rocker				
11061	114-8645	1	Gasket-Breather				
11061A	114-8646	1	Gasket-Breather				
14091	114-8647	1	Cover				
49015	114-8648	1	Cover-Crankcase				
49120	114-8649	1	Crankcase				
59071	95-9715	1	Joint				
92043	108-2510	6	Pin				
92049	114-8650	4	Seal-Oil, Rv C2 (6X11X10.2)				
92049A	114-8651	1	Seal-Oil, Sd (35X62X8 L HSH)				
92049B	114-8652	1	Seal-Oil, S D (35X48X8 R HSH)				
92049C	114-8653	1	Seal-Oil, S O (8X14X5 HSH)				
92139	114-8654	1	Bushing				
92153	114-8655	4	Bolt (6X12)				
92153A	114-8656	17	Bolt (8X50)				



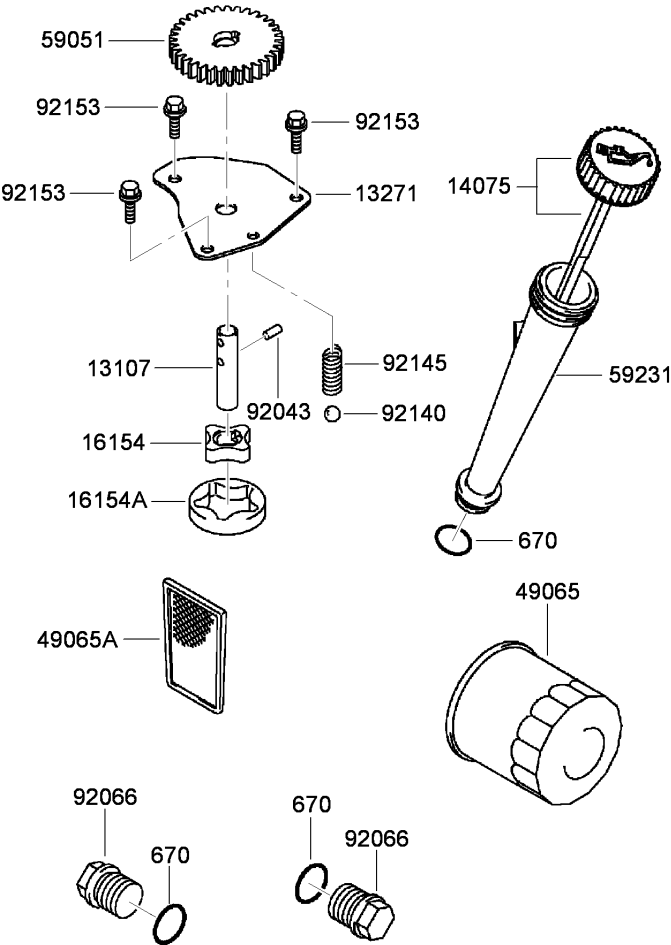
Piston and Crankshaft Assembly

Ref	Part No.	Qty.	Description				
130	108-2522	4	Bolt-Flanged (6X30)				
13001	114-8659	2	Piston-Engine				
13002	108-2517	2	Pin-Piston				
13008	100-2674	2	Set-Ring, Piston				
13025	114-8660	1	Ring Set-Piston (L 0.50)				
13029	114-8661	1	Piston-Engine (L 0.50)				
13031	114-8662	1	Crankshaft				
13251	114-8663	2	Connecting Rod ASM				
13251A	114-8664	2	Connecting Rod ASM (0.50)				
92033	114-8665	4	Ring-Snap				



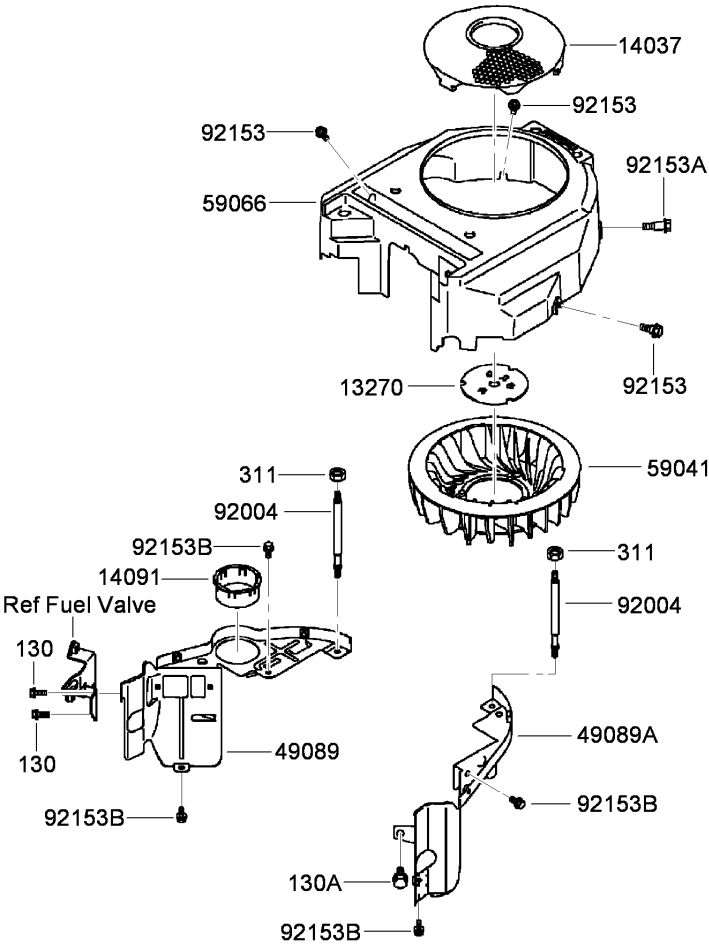
Valve and Camshaft Assembly

Ref	Part No.	Qty.	Description				
12004	114-8666	2	Valve-Intake				
12005	114-8667	2	Valve-Exhaust				
12009	108-2525	4	Retainer-Spring, Valve				
12011	95-9744	8	Collet				
12016	114-8668	4	Arm-Rocker				
12032	108-2527	4	Tappet				
13070	114-8669	2	Guide				
13070A	114-8670	1	Guide				
13116	95-9748	4	Rod-Push				
13271	114-8671	1	Plate				
13271A	114-8672	1	Plate-Governor				
42036	114-8673	1	Sleeve				
49078	108-2533	4	Spring-Valve, Engine				
49118	114-8674	1	Camshaft				
92009	108-2534	4	Screw				
92015	93-8534	4	Nut				
92033	114-8675	2	Ring-Snap				
92140	114-8676	6	Ball				
92145	114-8677	1	Spring				
92153	108-2537	4	Bolt				
92200	114-8678	1	Washer				



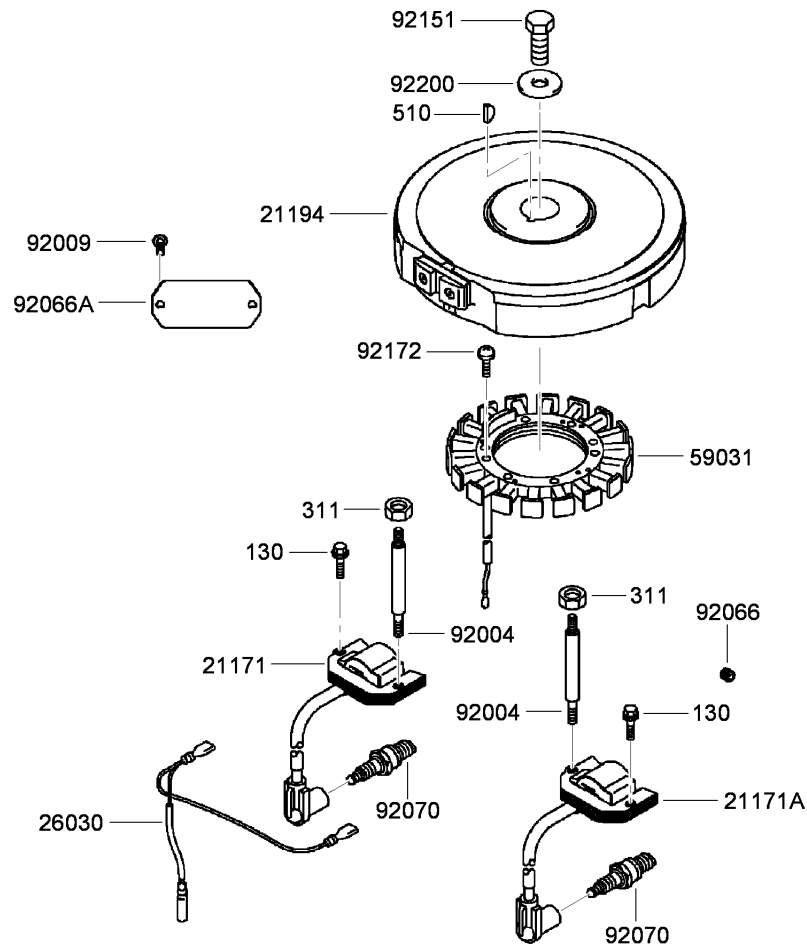
Lubrication Equipment Assembly

Ref	Part No.	Qty.	Description				
670	100-2690	3	O-Ring (16Mm)				
13107	114-8679	1	Shaft				
13271	114-8680	1	Plate				
14075	114-8681	1	Cap-ASM				
16154	95-9760	1	Rotor-Pump (In)				
16154A	114-8682	1	Rotor-Pump (Out)				
49065	KW10761	1	Filter-Oil				
49065A	114-8683	1	Filter-Oil				
59051	114-8684	1	Gear-Spur				
59231	114-8685	1	Filler				
92043	114-8686	2	Pin				
92066	112-9991	2	Plug-Drain, Oil				
92140	114-8687	1	Ball				
92145	114-8688	1	Spring				
92153	114-8655	3	Bolt (6X12)				



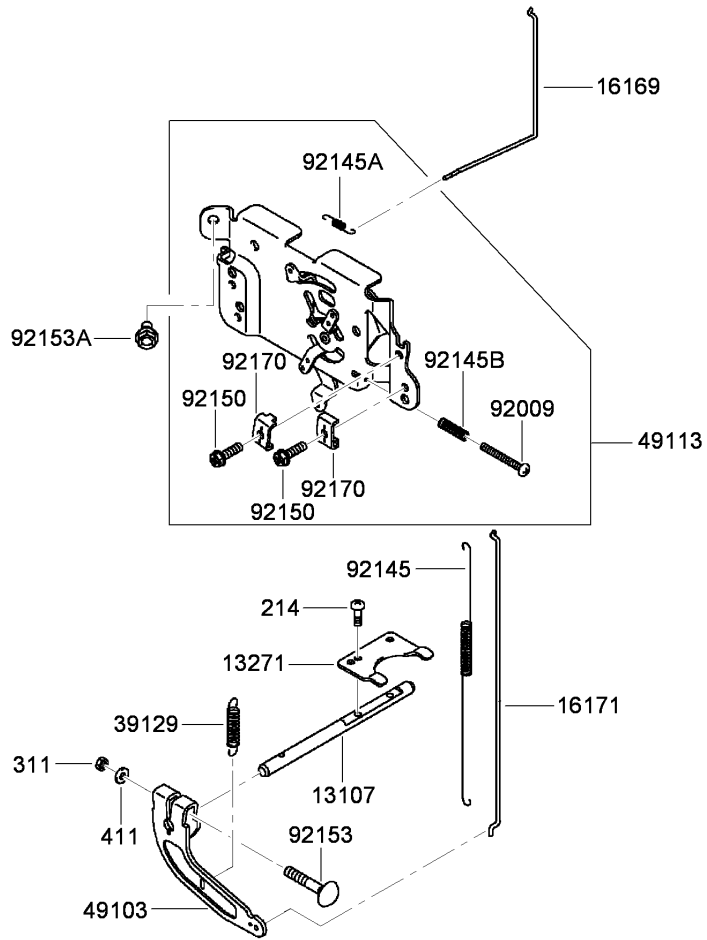
Cooling Equipment Assembly

Ref	Part No.	Qty.	Description				
130	95-9837	2	Bolt-Flanged (6X16)				
130A	93-8679	1	Bolt-Flanged				
311	114-8698	2	Nut-Hex (6Mm)				
13270	114-8689	1	Plate				
14037	114-8690	1	Screen				
14091	114-8691	1	Cover				
49089	114-8692	1	Shroud-Engine				
49089A	114-8693	1	Shroud-Engine				
59041	114-8694	1	Fan				
59066	114-8695	1	Housing-Fan				
92004	114-8696	2	Stud				
92153	108-2544	3	Bolt				
92153A	114-8697	1	Bolt				
92153B	114-8655	4	Bolt (6X12)				



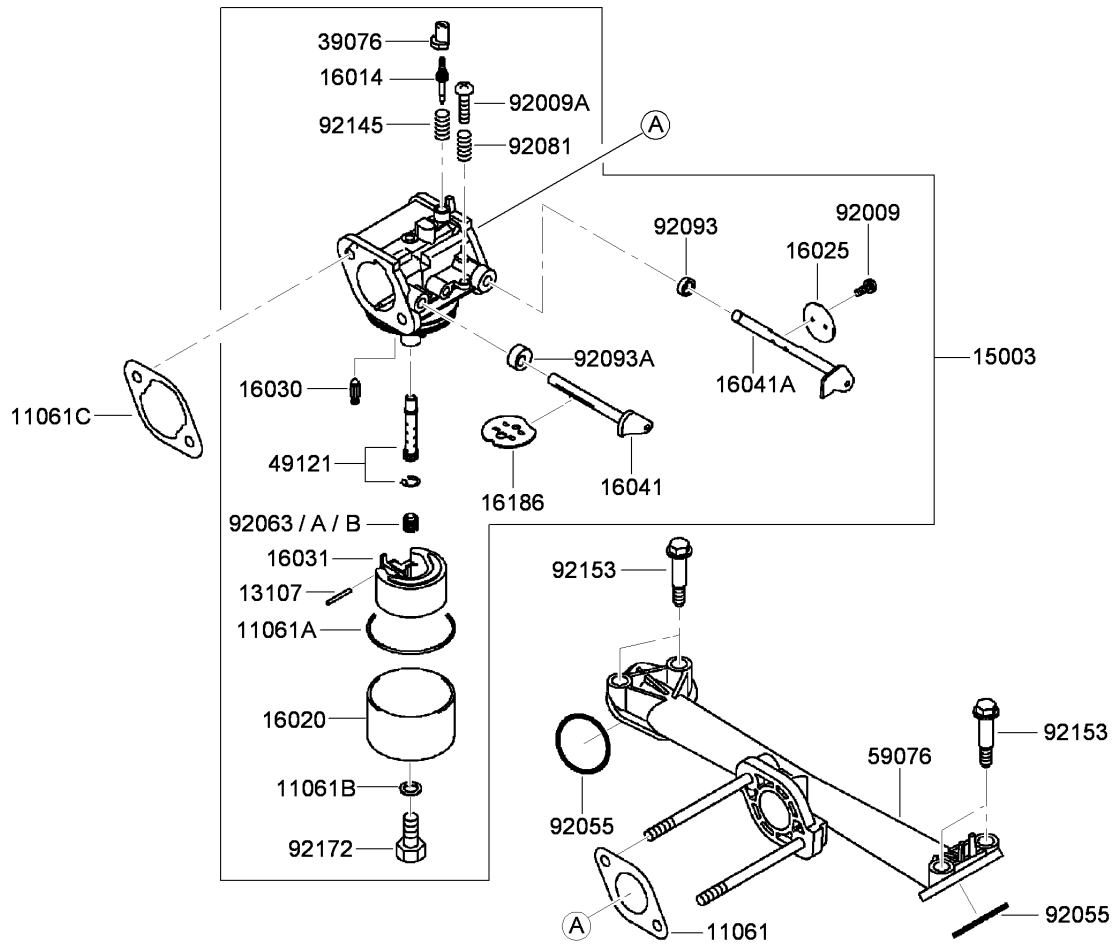
Electric Equipment Assembly

Ref	Part No.	Qty.	Description				
130	95-9893	2	Bolt-Flanged (6X20)				
311	114-8698	2	Nut-Hex (6Mm)				
510	114-8639	1	Key-Woodruff				
21171	114-8699	1	Ignition Coil ASM				
21171A	115-6400	1	Ignition Coil ASM				
21194	115-6401	1	Flywheel				
26030	115-6402	1	Harness				
59031	115-6403	1	Coil-Charging				
92004	115-6404	2	Stud				
92009	95-9716	2	Screw				
92066	115-6405	1	Plug				
92066A	115-6406	1	Plug				
92070	115-6407	2	Plug-Spark				
92151	115-6408	1	Bolt (12X30)				
92172	115-4030	4	Screw (5X20)				
92200	115-4031	1	Washer				



Control Equipment Assembly

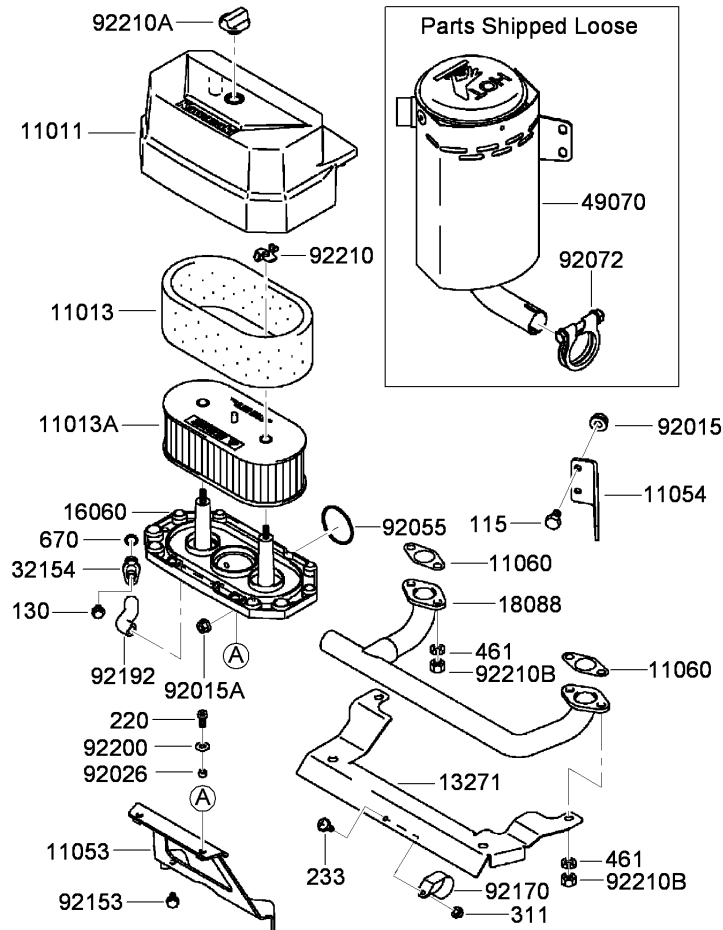
Ref	Part No.	Qty.	Description				
214	115-6422	2	Screw-Pan (4X8)				
311	114-8698	1	Nut-Hex (6Mm)				
411	115-6423	1	Washer-Plain (6Mm)				
13107	115-6409	1	Shaft				
13271	115-6410	1	Plate				
16169	115-6411	1	Link-Choke				
16171	115-6412	1	Link				
39129	115-6413	1	Spring-Governor				
49103	115-6414	1	Arm-Governor				
49113	115-6415	1	Panel-Control				
92009	115-6416	1	Screw (4X35)				
92145	115-6417	1	Spring				
92145A	115-6418	1	Spring				
92145B	115-6620	1	Spring				
92150	95-9853	2	Bolt (5X18)				
92153	115-6420	1	Bolt (6X35)				
92153A	115-6419	2	Bolt (6X12)				
92170	115-6421	2	Clamp				



Carburetor Assembly

Ref	Part No.	Qty.	Description
11061	115-6424	1	Gasket-Insulator
11061A	115-6425	1	Gasket-Chamber
11061B	108-2580	1	Gasket-Screw
11061C	115-6426	1	Gasket-Cleaner, Air
13107	115-6427	1	Shaft
15003	115-6428	1	Carburetor ASM
16014	115-6429	1	Screw-Pilot, Air
16020	115-6430	1	Chamber-Float
16025	115-6431	1	Valve-Throttle
16030	115-6432	1	Valve-Float
16031	115-6433	1	Float
16041	115-6434	1	Shaft-Choke, Carburetor
16041A	115-6435	1	Shaft-Throttle, Carburetor
16186	115-6436	1	Choke Valve ASM
39076	108-2593	1	Limiter
49121	115-6437	1	Nozzle-Main
59076	115-6438	1	Manifold-Intake
92009	108-2595	2	Screw
92009A	108-2596	1	Screw
92055	115-6439	2	O-Ring (Id 31)
92063	115-6440	1	Jet-Main, No.88
92063A	115-6441	1	Jet-Main, No.85
92063B	115-6442	1	Jet-Main, No.82
92081	108-2598	1	Spring

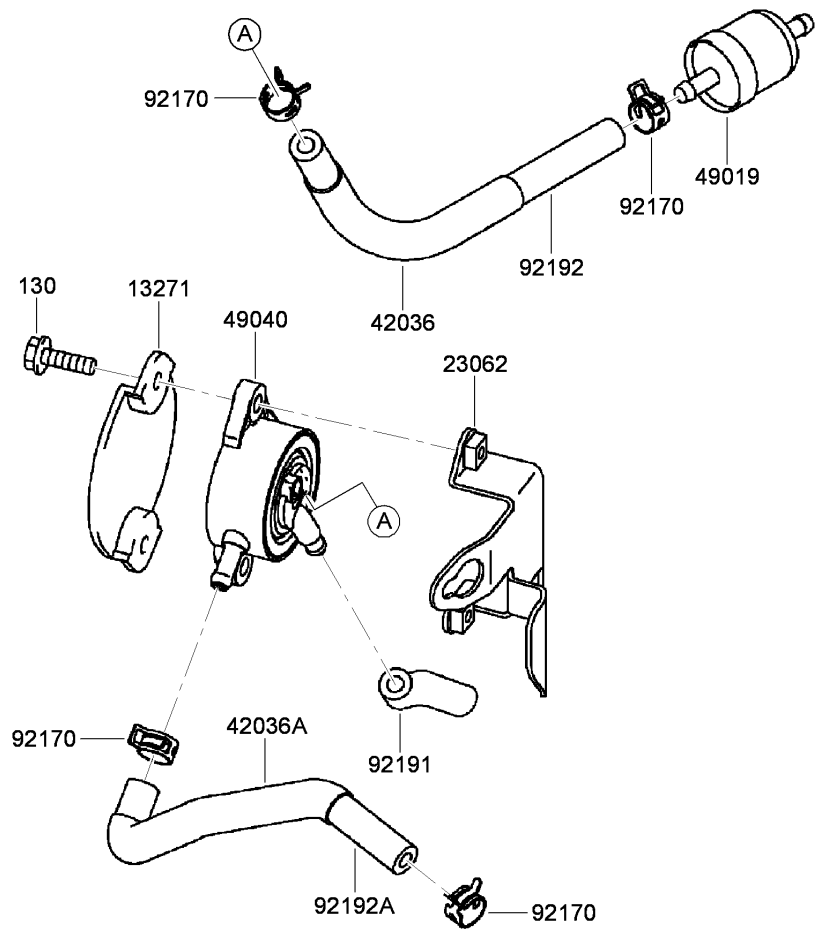
Ref	Part No.	Qty.	Description
92093	108-2599	1	Seal
92093A	115-6443	1	Seal
92145	108-2600	1	Spring
92153	115-6444	4	Bolt
92172	108-2601	1	Screw



Air Filter and Muffler Assembly

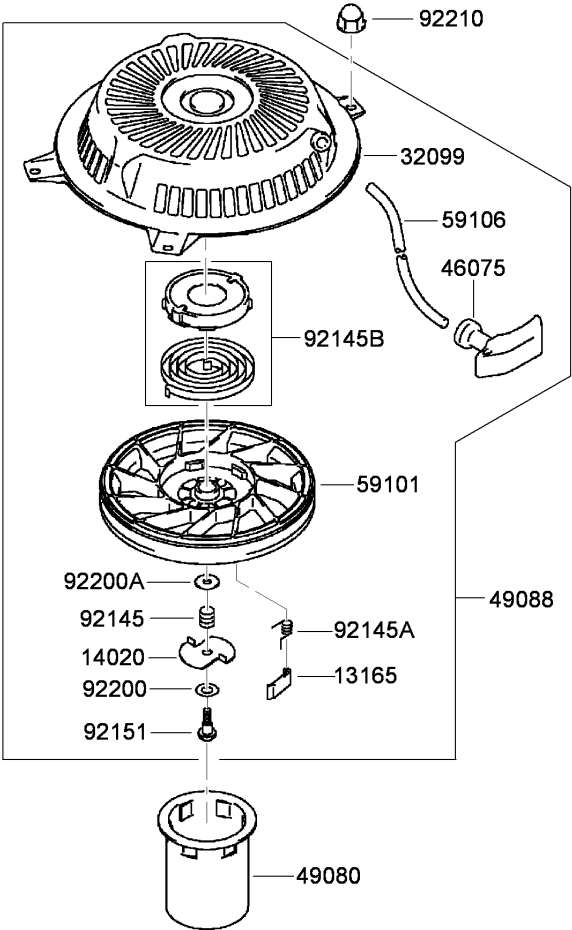
Ref	Part No.	Qty.	Description
115	115-6606	2	Bolt-Upset, Small (8X14)
130	Kw10029	1	Bolt-Flanged
220	115-6493	2	Screw-Pan, Cross (6X14)
233	115-6494	1	Screw-Pan (4X16)
311	115-6495	1	Nut-Hex (4Mm)
461	115-6496	4	Washer-Spring (8Mm)
670	115-6497	1	O-Ring (10Mm)
11011	115-6472	1	Case-Filter, Air
11013	115-6473	1	Element-Filter, Air
11013A	115-6474	1	Element-Filter, Air
11053	115-6475	1	Bracket
11054	115-6476	1	Bracket
11060	115-6477	2	Gasket-Muffler
13271	115-6478	1	Plate
16060	115-6479	1	Pipe-Intake
18088	115-6480	1	Pipe-Exhaust
32154	115-6481	1	Pipe
49070	115-6482	1	Muffler
92015	115-6483	2	Nut
92015A	115-6610	2	Nut
92026	115-6484	2	Spacer (6.2X7.9X5)
92055	115-6485	1	O-Ring
92072	115-6486	1	Band,
92153	114-8655	2	Bolt (6X12)

Ref	Part No.	Qty.	Description
92170	115-6488	1	Clamp
92192	115-6489	1	Tube
92200	95-9854	2	Washer
92210	115-6490	2	Nut
92210A	108-2612	1	Nut
92210B	115-6491	4	Nut (8Mm)



Fuel Tank and Valve Assembly

Ref	Part No.	Qty.	Description				
130	95-9893	2	Bolt-Flanged (6X20)				
13271	115-6498	1	Plate				
23062	115-6445	1	Bracket				
42036	115-6499	1	Sleeve				
42036A	115-6446	1	Sleeve				
49019	115-6447	1	Filter-Fuel				
49040	115-6448	1	Pump-Fuel				
92170	100-2820	4	Clamp				
92191	115-6450	1	Tube				
92192	115-6451	1	Tube (6.35X12.7X160)				
92192A	115-6452	1	Tube (6.35X12.7X180)				



Starter Assembly

Ref	Part No.	Qty.	Description				
13165	115-6453	2	Pawl-Starter, Recoil				
14020	115-6455	1	Retainer				
32099	115-6456	1	Case-Starter, Recoil				
46075	115-6457	1	Grip-Starter, Recoil				
49080	115-6458	1	Pulley-Starting				
49088	115-6459	1	Starter-Recoil				
59101	115-6460	1	Reel-Starter, Recoil				
59106	115-6461	1	Rope				
92145	115-6462	1	Spring				
92145A	115-6463	2	Spring				
92145B	115-6464	1	Spring				
92151	115-6465	1	Bolt				
92200	115-6466	1	Washer				
92200A	115-6467	1	Washer				
92210	100-2603	4	Nut				

Attachments and Accessories

For 22970 - TRX-15 Trencher

Product Name	Model/Part
6-Inch x 3-Foot Rock Chain Kit	22463
Crumber Kit	22464
24 Inch X 4 Inch Soil Chain	22480
24 Inch X 6 Inch Soil Chain	22483
36 Inch X 4 Inch Soil Chain	22486
36 Inch X 6 Inch Soil Chain	22490
2-Foot Trencher Boom	22975
3-Foot Trencher Boom	22976

NOTES

