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Parts Catalog

Commercial Walk-Behind Traction Unit

17HP Pistol-Grip Hydro Drive

Model No. 30033—Serial No. 311000001 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

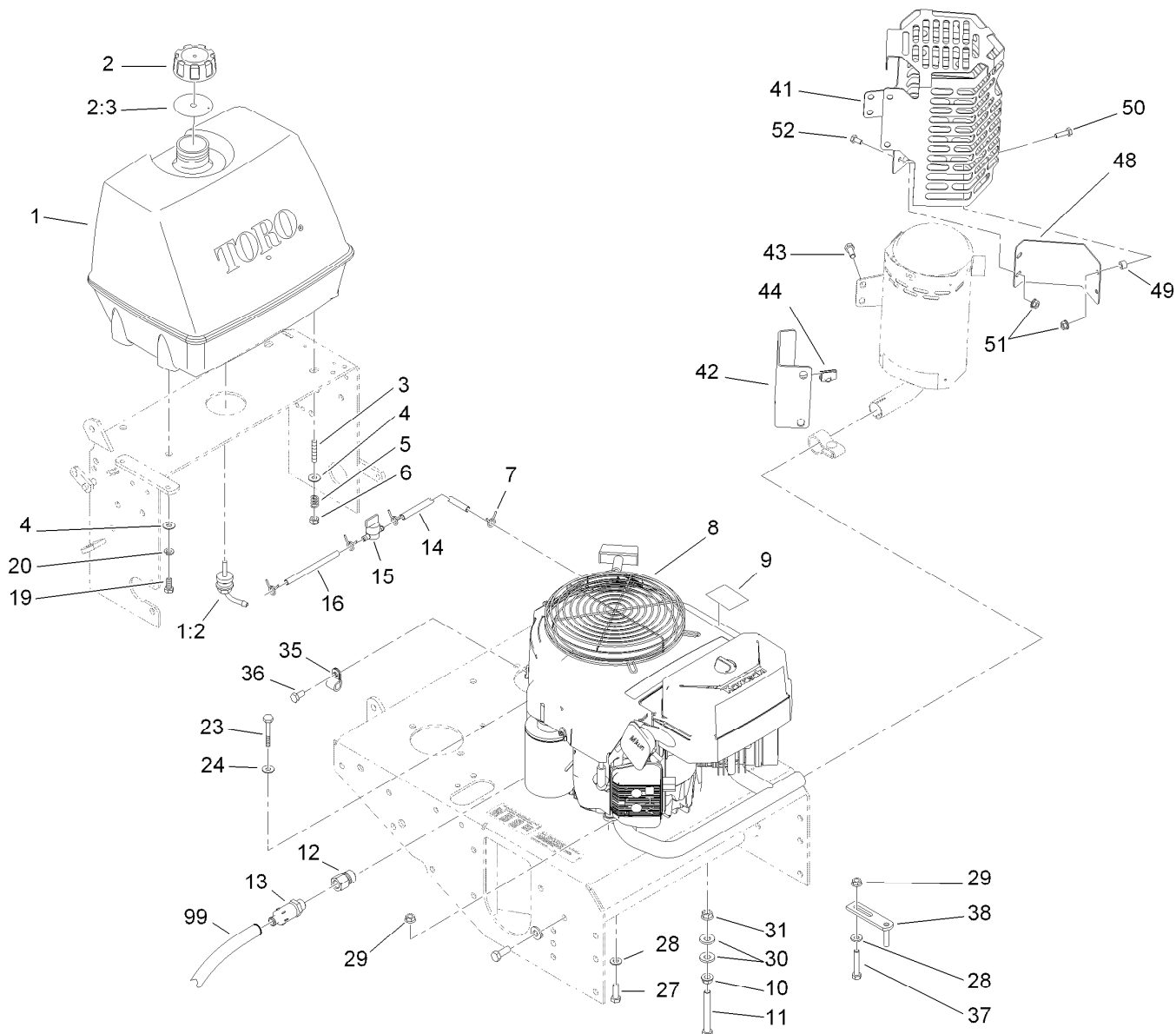
STD: standard

TAP: self tapping

TTH: torx truss head

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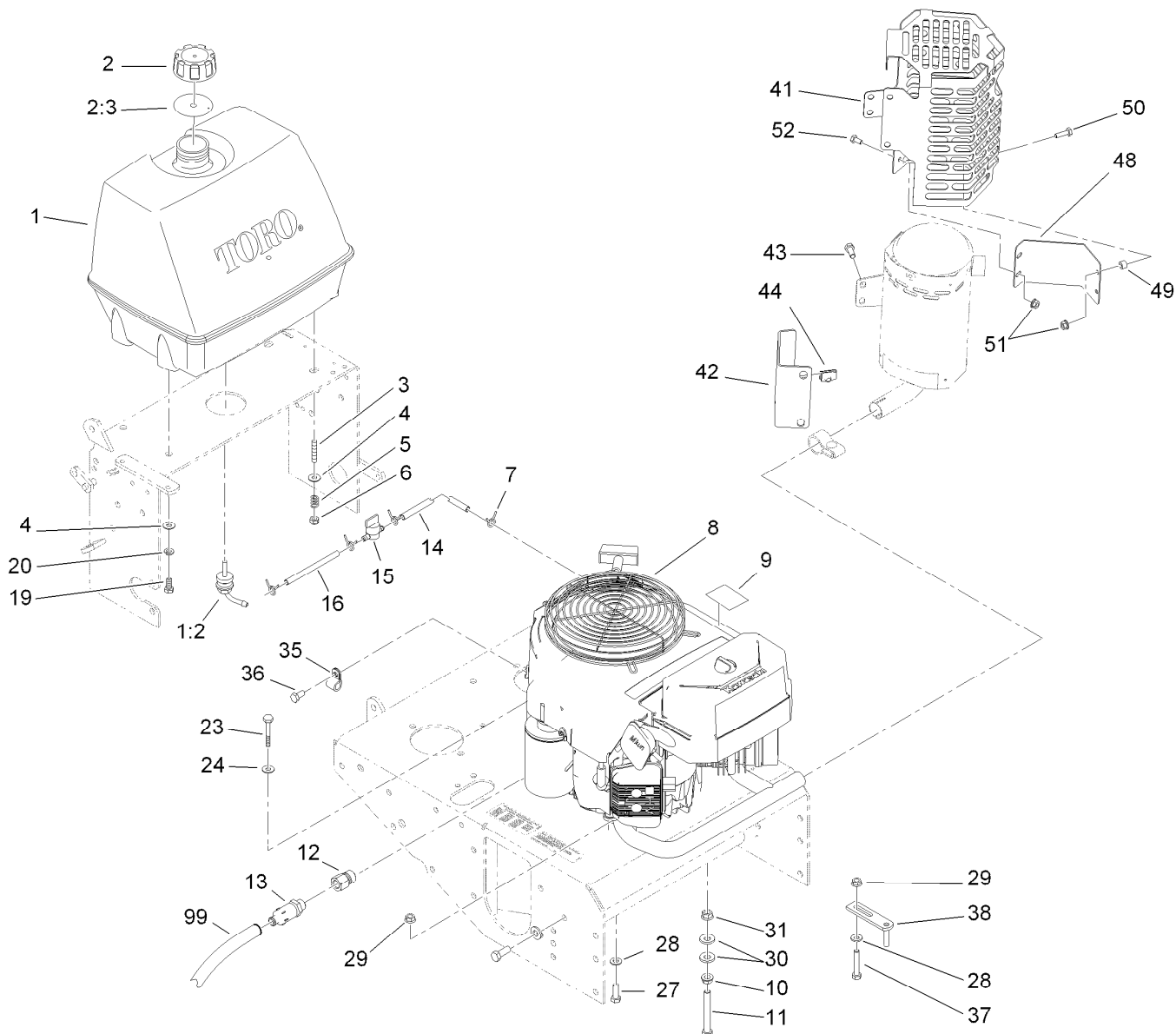
Engine and Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	106-0730	1	Fuel Tank ASM
1:2	103-2605	1	Fitting-Fuel, Bulkhead
2	88-3980	1	Gas Cap ASM
2:3	88-4010	1	Gasket-Cap, Gas
3	1-633023	2	Stud
4	3256-23	4	Washer-Flat
5	1-633349	2	Spring-Tank, Fuel
6	3296-47	2	Nut-Lock, NI
7	1-303077	4	Clamp
8		1	Engine-Kawasaki, FH541V-Fs23 ●■
9	106-5517	1	Decal-Warning, Hot Surface
10	3290-357	1	Nut-HHF, Whiz
11	323-14	1	Screw-HH
12	103-1966	1	Adapter
13	92-6877	1	Valve-Drain, Oil
14	109-0293	1	Hose-Fuel
15	1-603770	1	Valve-Fuel
16	109-0306	1	Hose-Fuel

Ref.	Part Number	Qty.	Description
19	322-3	2	Screw-HH
20	1-805005	2	Washer-Lock
23	33113-016	1	Screw-HH
24	1-805004	1	Washer-Lock
27	322-7	3	Screw-HH
28	1-303334	4	Washer-Spring
29	32128-20	4	Nut-HF
30	98-5975	2	Washer-Belleville
31	32128-21	1	Nut-HF
35	1-413510	1	Clip-Loom
36	33114-016	1	Screw-HH
37	322-9	1	Screw-HH
38	1-322110	1	Guide-Belt
41	115-4150-03	1	Muffler Shield ASM
42	115-4154-03	1	Bracket-Muffler
43	322-3	4	Screw-HH
44	94-2413	4	U-Nut
48	115-3844-03	1	Baffle-Muffler Shield
49	98-4799	2	Tube-Spacer

● Not serviced separately

■ Obtain parts from www.kawpowerepc.com



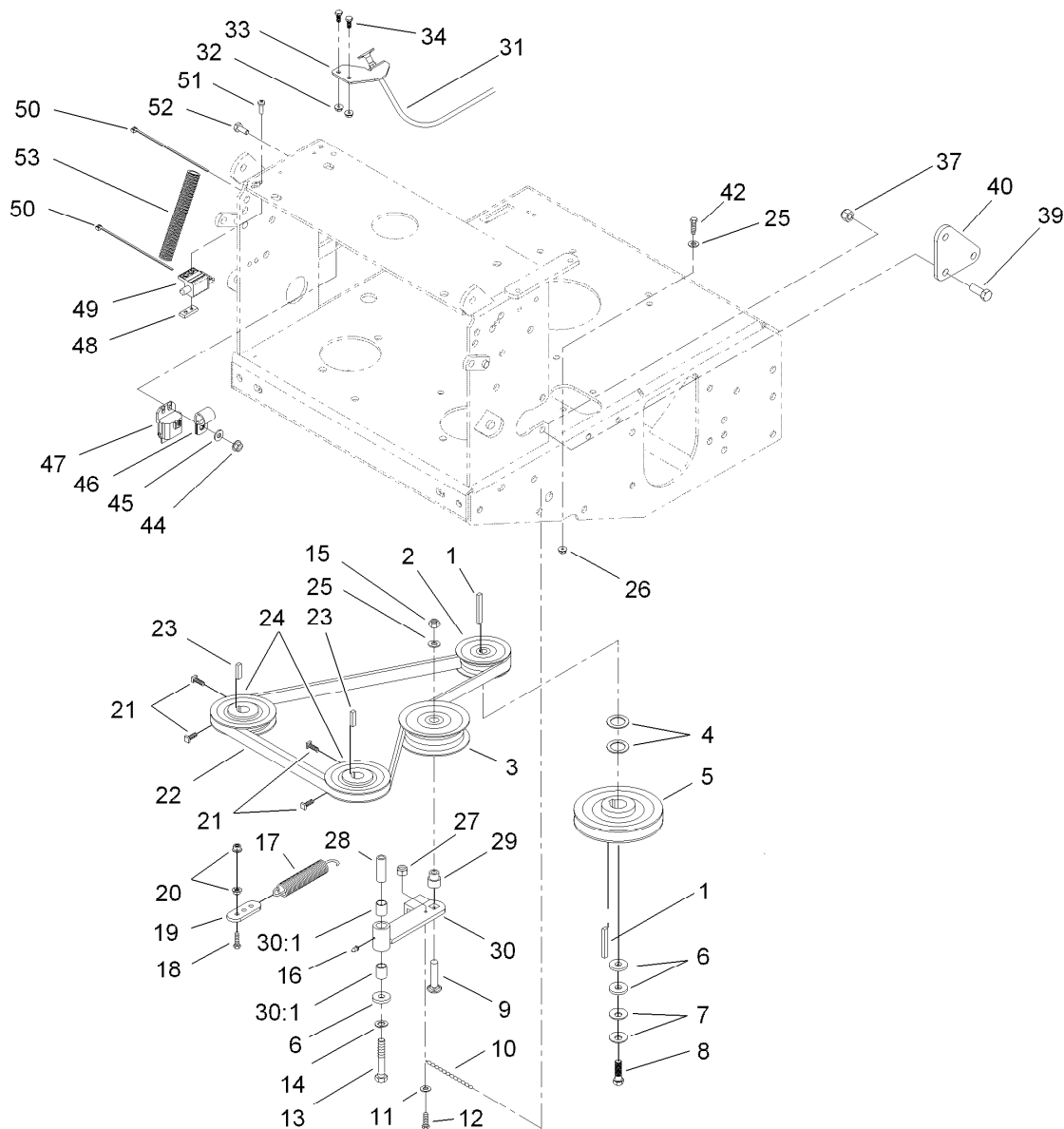
Engine and Fuel System Assembly (continued)

Ref.	Part Number	Qty.	Description
50	321-5	2	Screw-HH
51	32128-32	4	Nut-HHF

Ref.	Part Number	Qty.	Description
52	321-2	2	Screw-HH
99	103-1964	1	Hose-Drain, Oil

● Not serviced separately

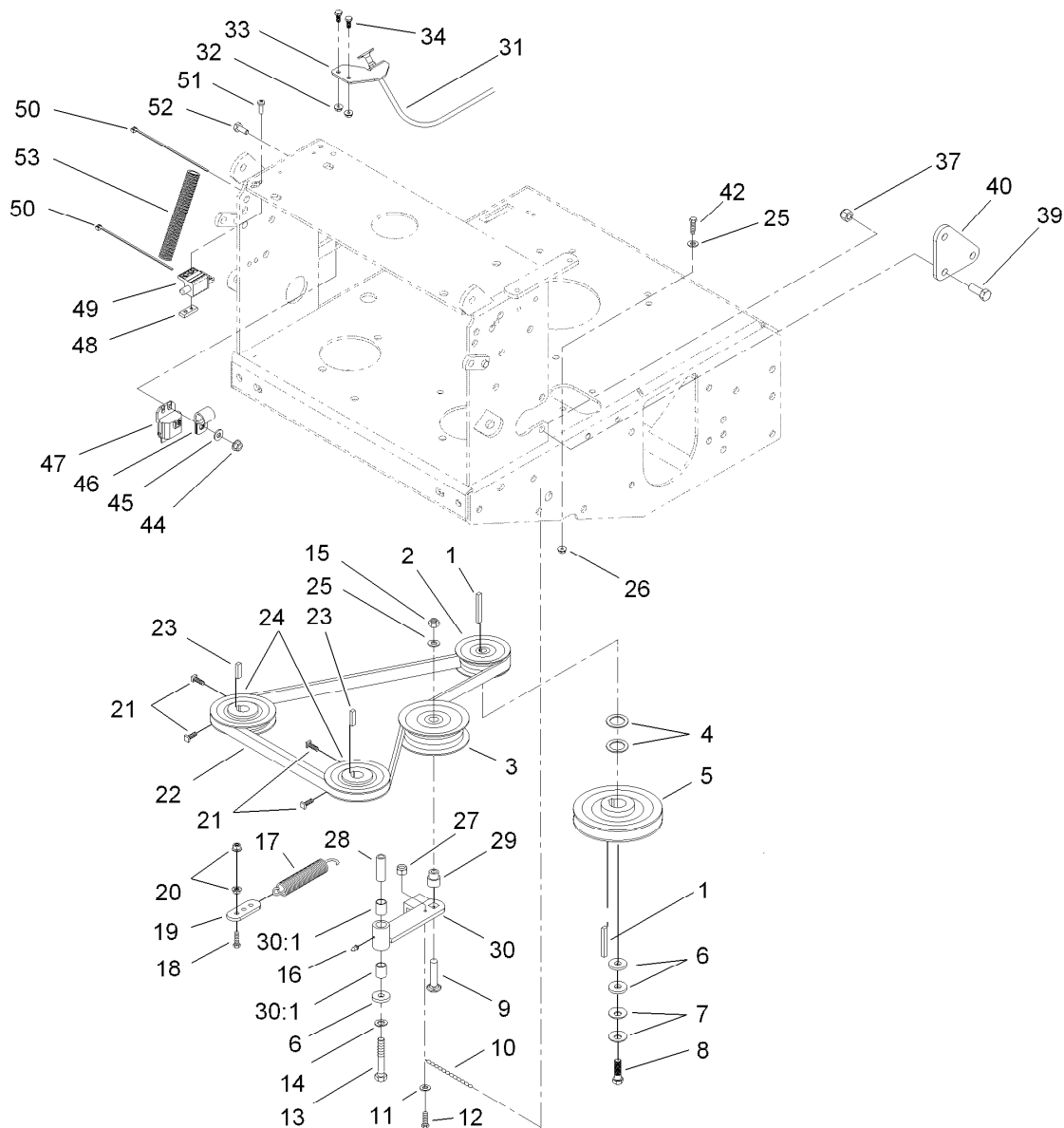
■ Obtain parts from www.kawpowerepc.com



Pump Drive and Engine Pulley Assembly

Ref.	Part Number	Qty.	Description
1	1-807259	2	Key
2	1-653035	1	Pulley
3	1-603843	1	Pulley-Idler
4	1-523157	2	Washer-Spacer
5	110-4891	1	Pulley ASM
6	1-373034	3	Washer
7	1-603610	2	Washer-Spring
8	3212-6	1	Screw-HH
9	3231-29	1	Screw-CARR
10	1-323365	1	Chain-Link, Twist
11	3256-14	1	Washer-Flat
12	1-809069	1	Screw-HSH
13	323-12	1	Screw-HH
14	1-373034	1	Washer
15	32128-21	1	Nut-HF
16	302-19	1	Fitting-Grease
17	1-603402	1	Spring-Extension
18	322-5	1	Screw-HH
19	1-603801	1	Anchor-Spring
20	32128-20	2	Nut-HF
21	1-803050	4	Screw-Set

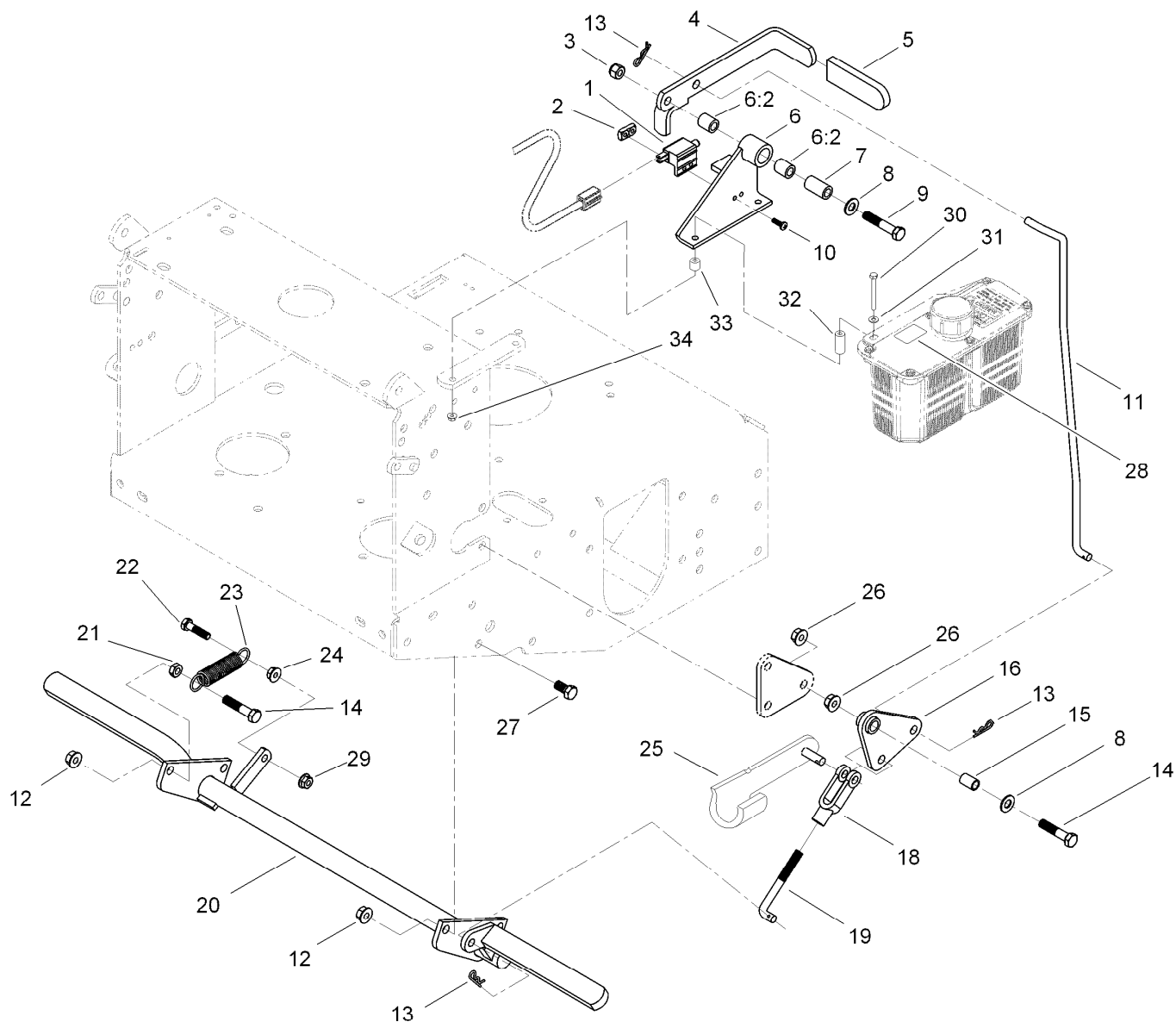
Ref.	Part Number	Qty.	Description
22	106-2740	1	V-Belt
23	1-807272	2	Key
24	1-413010	2	Sheave ASM
25	3256-24	2	Washer-Flat
26	3290-357	1	Nut-HHF, Whiz
27	3296-2	1	Nut-Lock, NI
28	1-603044	1	Bushing
29	1-603496	1	Bushing-Idler
30	1-602521	1	Idler Arm ASM
30:1	103-4681	2	Sleeve-Bearing
31	103-1796	1	Cable-Choke
32	32128-33	2	Nut-HF
33	103-1797-01	1	Bracket-Cable, Choke
34	321-3	2	Screw-HH
37	3296-39	2	Nut-Lock, NI
39	323-6	2	Screw-HH
40	1-413497	1	Bellcrank
42	323-7	1	Screw-HH
44	3296-42	1	Nut-Lock, NI
45	3256-22	1	Washer-Flat
46	1-603727	1	Clip-Loom



Pump Drive and Engine Pulley Assembly (continued)

Ref.	Part Number	Qty.	Description
47	1-323430	1	Module-Interlock
48	1-633181	1	Plate-Tapped
49	1-513051	1	Switch-Open, Normally
50	1-303287	3	Tie-Cable

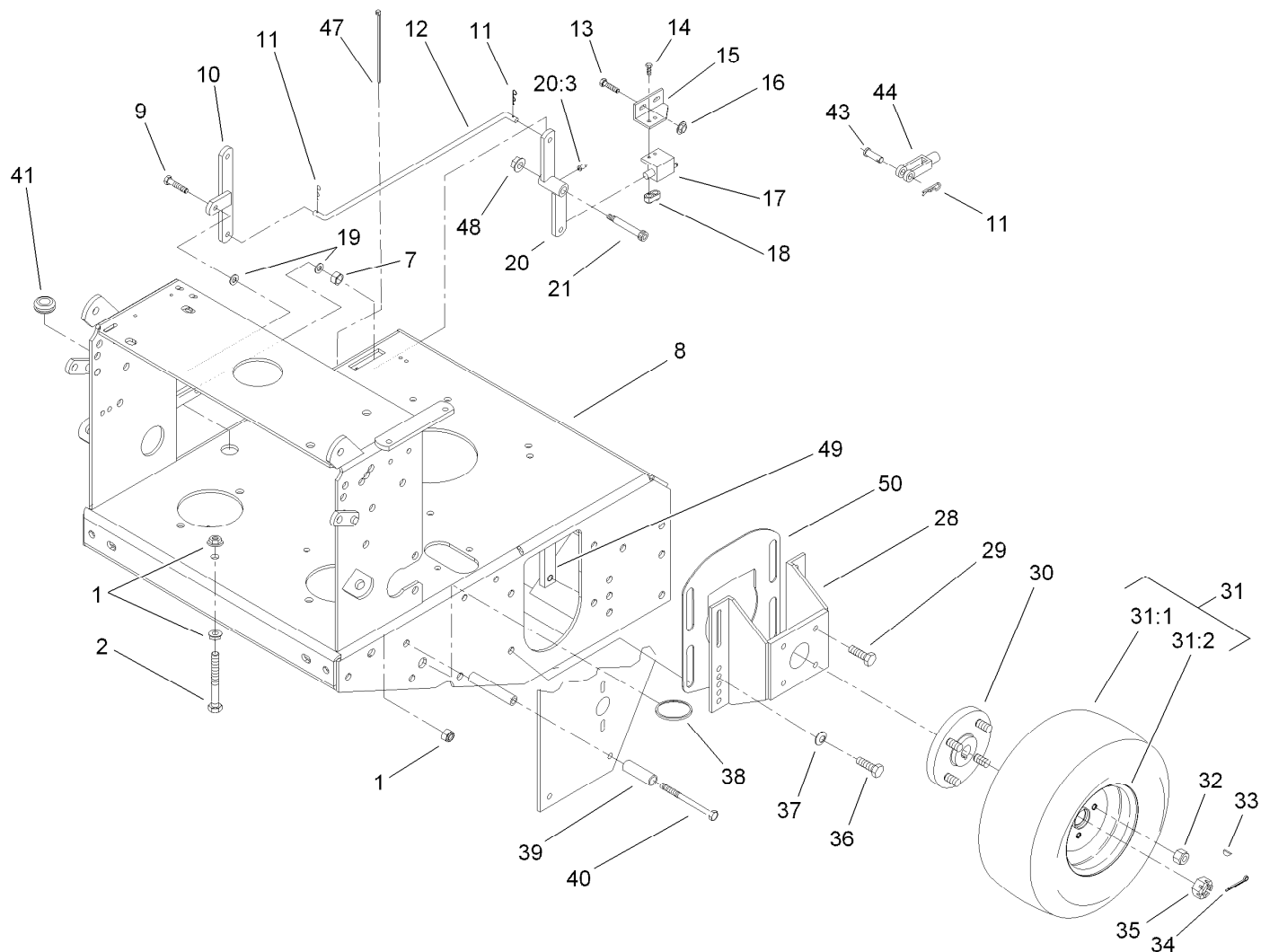
Ref.	Part Number	Qty.	Description
51	3290-500	2	Screw-PPH
52	321-4	1	Screw-HH
53	115-1022	1	Tubing-Convolutd



Parking Brake Assembly

Ref.	Part Number	Qty.	Description
1	1-513051	1	Switch-Open, Normally
2	1-633181	1	Plate-Tapped
3	3296-39	1	Nut-Lock, NI
4	1-412501-03	1	Lever-Parkbrake
5	1-303020	1	Grip-Lever
6	1-414504	1	Bracket ASM
6:2	1-413347	2	Sleeve-Bushing
7	1-413344	1	Bushing-Pivot
8	3256-24	2	Washer-Flat
9	323-10	1	Screw-HH
10	3290-500	2	Screw-PPH
11	1-413496	1	Linkage-Upper
12	3296-39	4	Nut-Lock, NI
13	1-806003	3	Pin-Cotter, Hair
14	323-9	2	Screw-HH
15	1-303548	1	Bushing-Plastic
16	1-414508	1	Bellcrank ASM

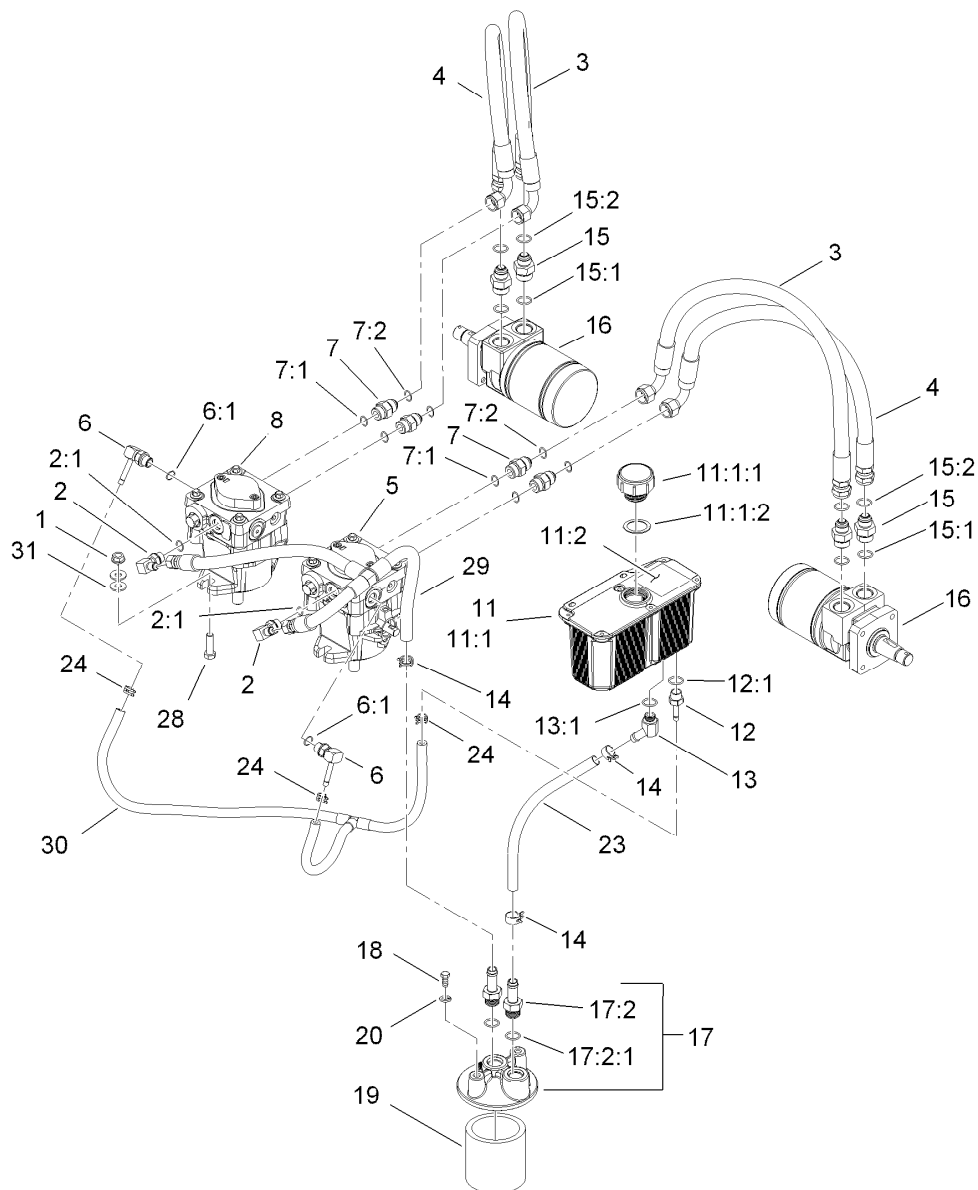
Ref.	Part Number	Qty.	Description
18	1-633131	1	Yoke-Linkage, Brake
19	1-413489	1	Linkage-Lower
20	103-2085-03	1	Brake ASM
21	3218-3	1	Nut-Jam
22	322-6	1	Screw-HH
23	1-323161	1	Spring-Idler
24	32128-20	1	Nut-HF
25	103-2399	1	Pin-Spring, Clevis
26	32128-21	2	Nut-HF
27	323-6	3	Screw-HH
28	115-1039	1	Decal-Brake, Park
29	3296-29	1	Nut-Lock, NI
30	321-23	2	Screw-HH
31	3256-22	2	Washer-Flat
32	103-2191	2	Spacer
33	1-323549	2	Spacer
34	32128-33	2	Nut-HF



Wheel Drive System Assembly

Ref.	Part Number	Qty.	Description
1	3290-357	3	Nut-HHF, Whiz
2	323-11	1	Screw-HH
7	3296-29	1	Nut-Lock, NI
8	110-6915-01	1	Hydro Frame ASM
9	322-6	1	Screw-HH
10	1-322090-01	1	Bellcrank ASM
11	1-806003	3	Pin-Cotter, Hair
12	1-323172	1	Linkage-Engage, Blade
13	321-3	2	Screw-HH
14	3290-500	2	Screw-PPH
15	1-323213	1	Bracket-Switch, Blade
16	32128-33	2	Nut-HF
17	1-513051	1	Switch-Open, Normally
18	1-633181	1	Plate-Tapped
19	3256-23	2	Washer-Flat
20	1-322108	1	Bellcrank ASM
20:3	302-40	1	Fitting-Grease
21	1-809062	1	Screw
28	103-2289-01	2	Mount-Motor
29	3234-12	8	Screw-HHF

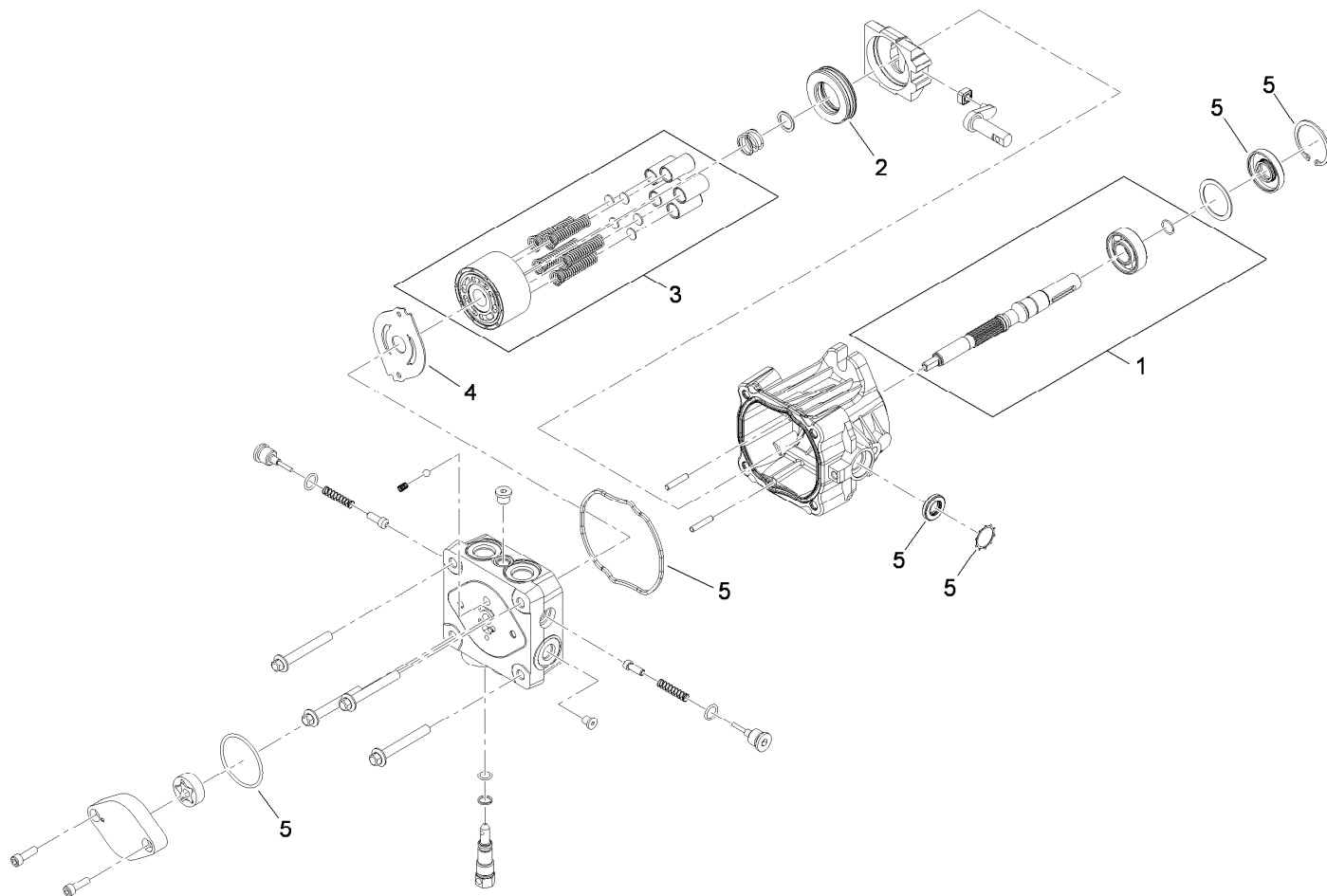
Ref.	Part Number	Qty.	Description
30	112-9049	2	Wheel Hub ASM
31	1-413473	2	Wheel And Tire ASM
31:1	1-413474	1	Tire-Turfmaster
31:2	1-603715	1	Wheel-Rim
32	242-50	8	Nut-Lug
33	1-807019	2	Key-Woodruff
34	1-806800	2	Pin-Cotter
35	32136-5	2	Nut-Hex, Slotted
36	323-6	8	Screw-HH
37	98-5975	8	Washer-Belleveille
38	1-323366	1	Ring-Split
39	105-4820	1	Spacer-Short
40	323-23	1	Screw-HH
41	1-543296	1	Grommet
43	1-808280	1	Pin-Clevis
44	1-303105	1	Yoke-Adjustable
47	1-303287	2	Tie-Cable
48	32128-21	1	Nut-HF
49	115-1023	4	Bar-Nut
50	115-3805-01	2	Guard-Debris



Hydraulic System Assembly

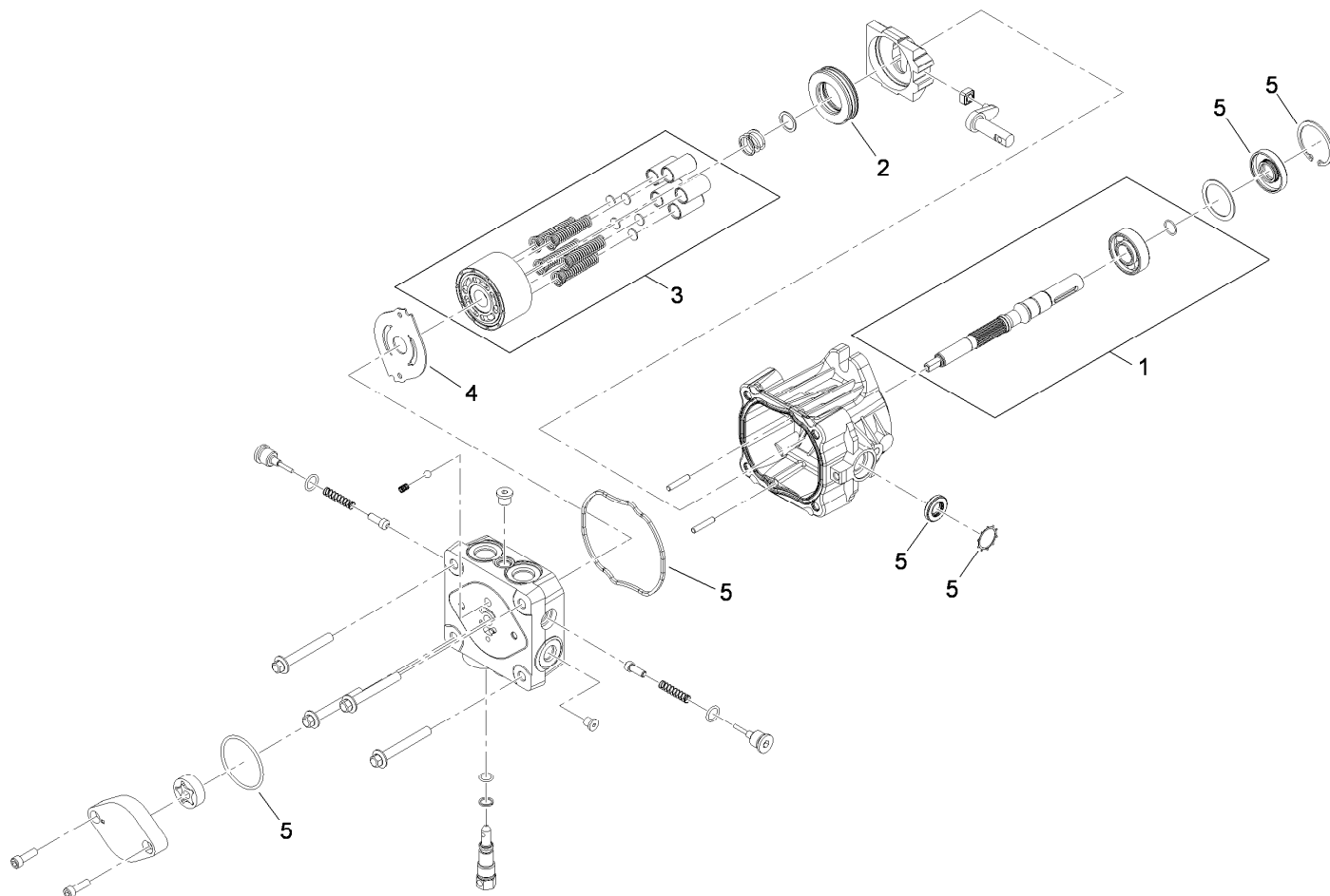
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3290-357	4	Nut-HHF, Whiz	13	103-1807	1	Fitting-Barbed, 45 DEG
2	103-1802	2	Fitting-HYD, 90 DEG	13:1	237-42	1	O-Ring
2:1	1-603921	1	O-Ring	14	103-1988	3	Clamp-Hose
3	115-1020	2	HYD Hose ASM	15	1-603991	4	Fitting-Straight
4	115-1021	2	HYD Hose ASM	15:1	237-80	1	O-Ring
5	109-4987	1	Pump-HYD	15:2	1-603992	1	O-Ring
6	103-1799	2	Elbow-90 DEG	16	1-603718	2	Motor-Wheel, HYD
6:1	237-42	1	O-Ring	17	103-2889	1	Filter Head ASM
7	1-603990	4	Fitting-Straight	17:2	103-1912	2	Adapter-Straight
7:1	1-603920	1	O-Ring	17:2:1	237-42	1	O-Ring
7:2	1-603992	1	O-Ring	18	321-3	2	Screw-HH
8	109-4988	1	Pump-HYD	19	1-633750	1	Filter-Oil, HYD
11	107-8433	1	HYD Reservoir ASM	20	1-805004	2	Washer-Lock
11:1		1	Reservoir-HYD ●	23	103-2959	1	Hose-Charge
11:1:1	103-1948	1	Cap-Reservoir, HYD	24	103-1716	3	Clamp-Hose
11:1:2	103-1949	1	Gasket-Cap	28	323-7	4	Screw-HH
11:2	115-4212	1	Decal-Warning	29	103-3914	1	Charge Hose ASM
12	103-1801	1	Adapter-Straight	30	103-4019	1	Case Drain Hose ASM
12:1	237-42	1	O-Ring	31	3256-3	8	Washer-Flat

● Not serviced separately



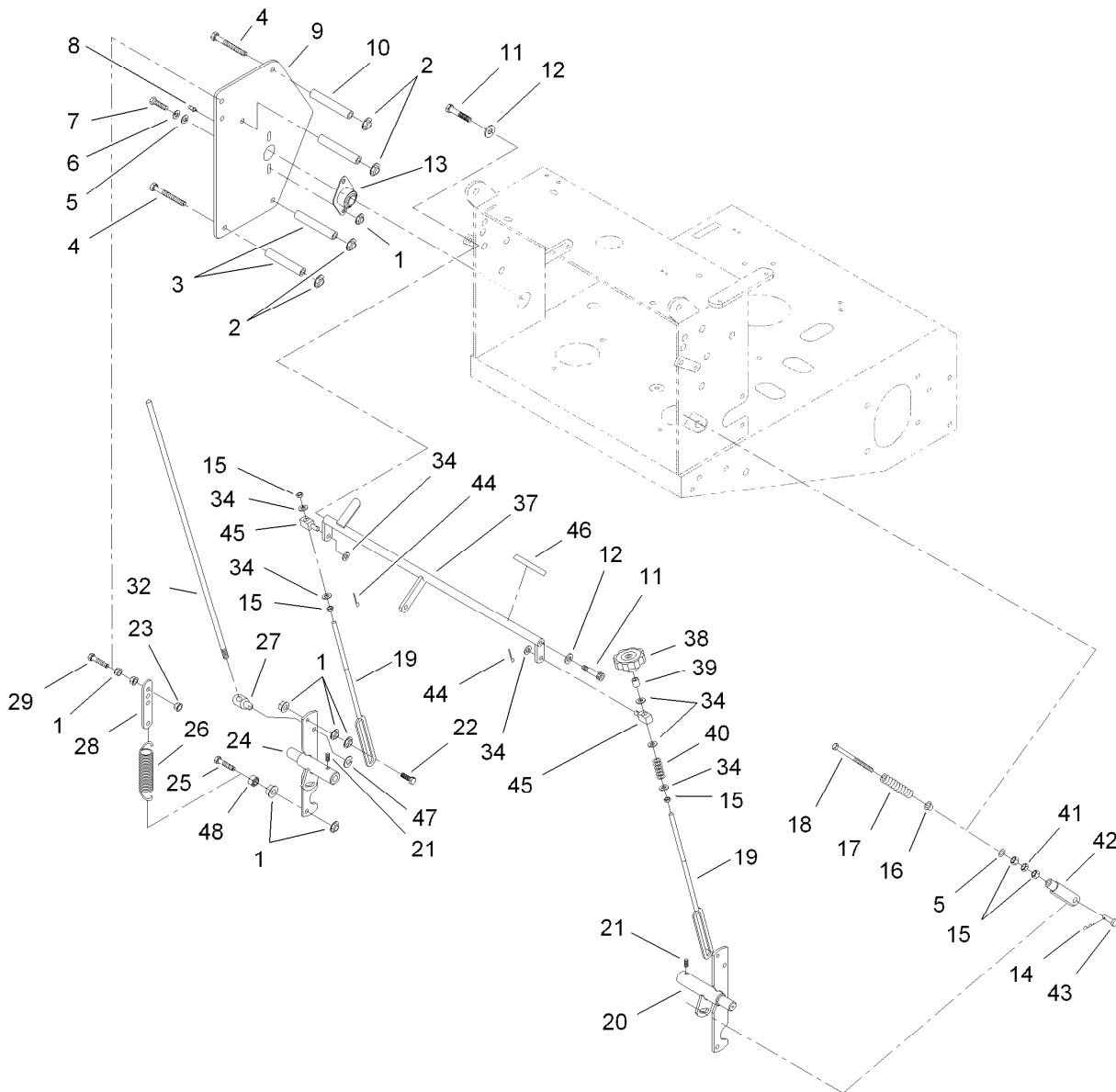
Hydraulic Pump Assembly No. 109-4987

Ref.	Part Number	Qty.	Description
1	103-2664	1	Input Shaft Kit
2	94-6922	1	Bearing-Thrust
3	103-2666	1	Cylinder Block Kit
4	105-6185	1	Plate-Valve
5	105-6184	1	Seal Overhaul Kit



Hydraulic Pump Assembly No. 109-4987

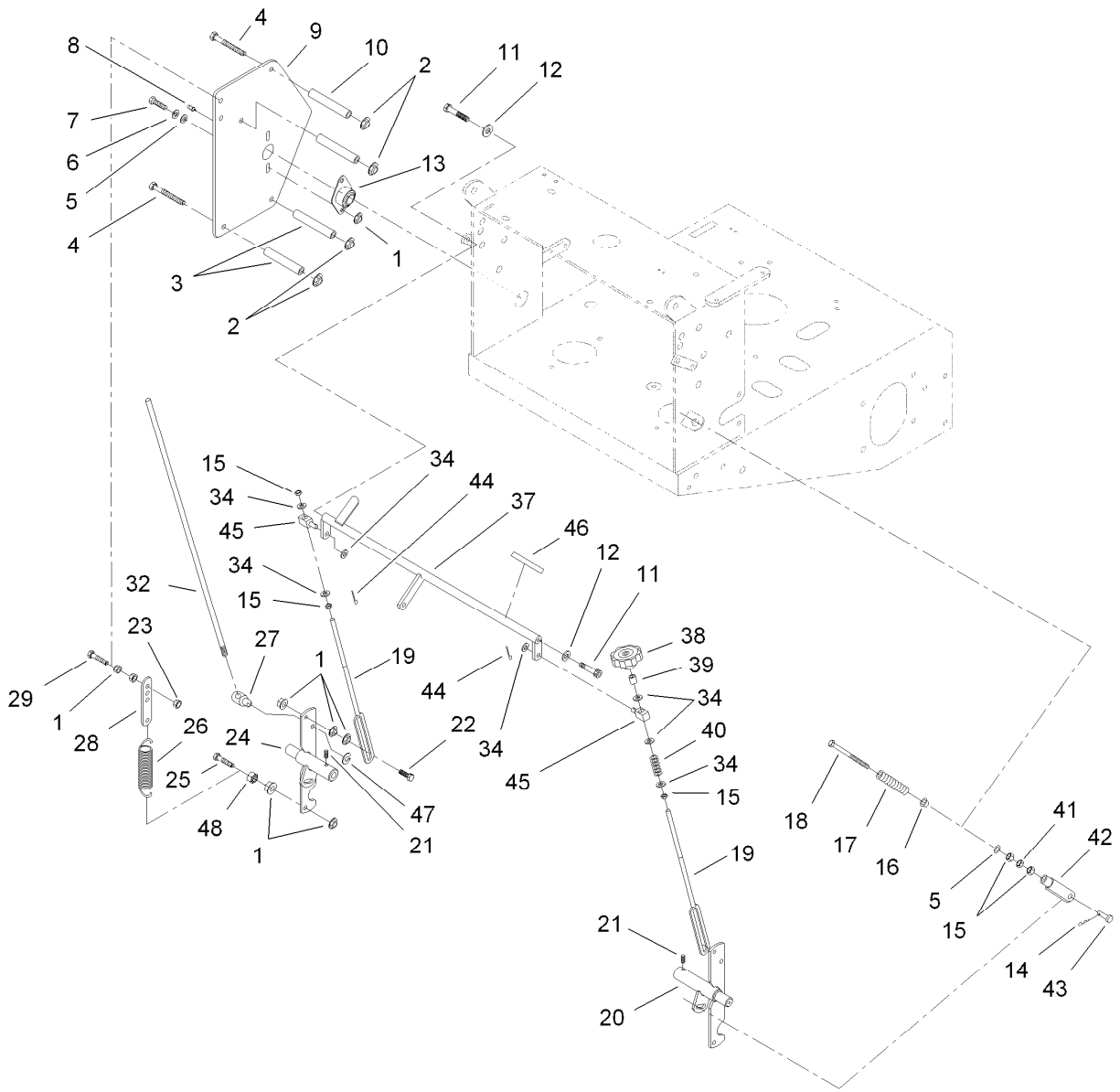
Ref.	Part Number	Qty.	Description
1	103-2664	1	Input Shaft Kit
2	94-6922	1	Bearing-Thrust
3	103-2666	1	Cylinder Block Kit
4	105-6185	1	Plate-Valve
5	105-6184	1	Seal Overhaul Kit



Lower Control Assembly

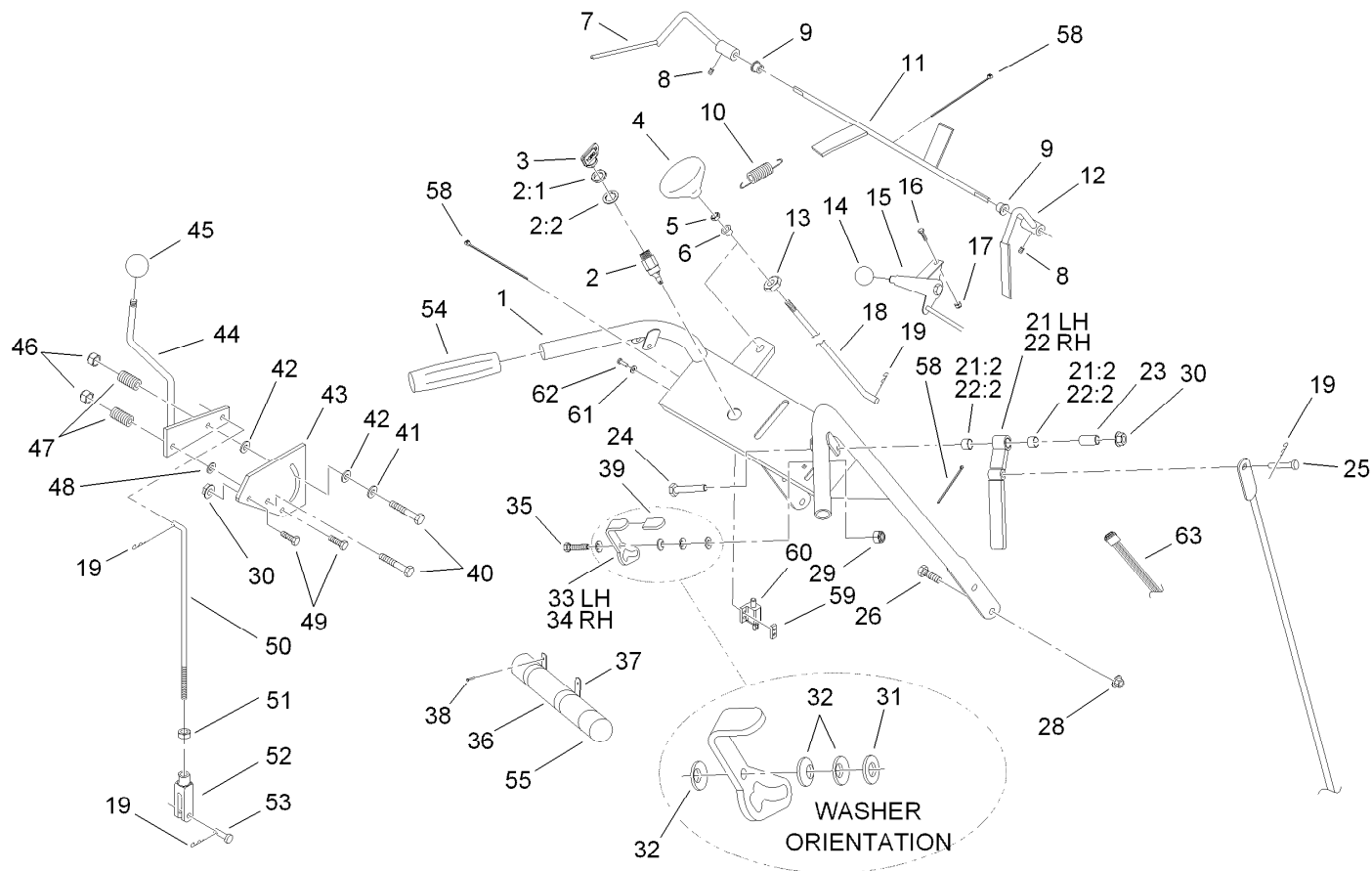
Ref.	Part Number	Qty.	Description
1	32128-20	18	Nut-HF
2	3290-357	7	Nut-HHF, Whiz
3	1-323197-01	4	Spacer-Shield
4	323-16	7	Screw-HH
5	3256-2	6	Washer-Flat
6	1-805005	4	Washer-Lock
7	322-3	4	Screw-HH
8	302-19	2	Fitting-Grease
9	110-4897-01	2	Shield-Control
10	1-323195-01	4	Spacer-Shield
11	1-809056	2	Screw
12	3256-24	2	Washer-Flat
13	1-633102	2	Bearing-Flange, Side
14	1-806003	2	Pin-Cotter, Hair
15	3219-2	7	Nut-Hex
16	109-3769	2	Bushing-Nylon, Flanged
17	1-603807	2	Spring-Return, Neutral
18	1-603737	2	Bolt-Return, Neutral
19	1-413350	2	Link-Control, Speed
20	103-4796-01	1	Shaft-Control, RH
21	3246-4	2	Screw-Set

Ref.	Part Number	Qty.	Description
22	1-403180	2	Screw-HH
23	3296-29	2	Nut-Lock, NI
24	103-1190-01	1	Shaft-Control, LH
25	322-6	2	Screw-HH
26	1-603693	2	Spring-Extension
27	103-1235	2	Swivel-Lever, Drive
28	1-613089	2	Tab-Spring, Extension
29	1-800016	2	Bolt-TAP, HH
32	1-413219	2	Rod-Lever, Drive
34	3256-23	7	Washer-Flat
37	1-412203-01	1	Crank-Control, Speed
38	1-413151	1	Knob-Tracking
39	1-603903	1	Spacer
40	1-323245	1	Spring-Compression
41	3220-2	2	Nut-Jam
42	1-303105	2	Yoke-Adjustable
43	1-808280	2	Pin-Clevis
44	3272-5	2	Pin-Cotter
45	1-603676	2	Swivel-Adjustable, Short
46	105-4109	1	Decal-Tracking



Lower Control Assembly (continued)

Ref.	Part Number	Qty.	Description
47	32151-47	2	Ring-Retaining
48	3218-2	2	Nut-Jam

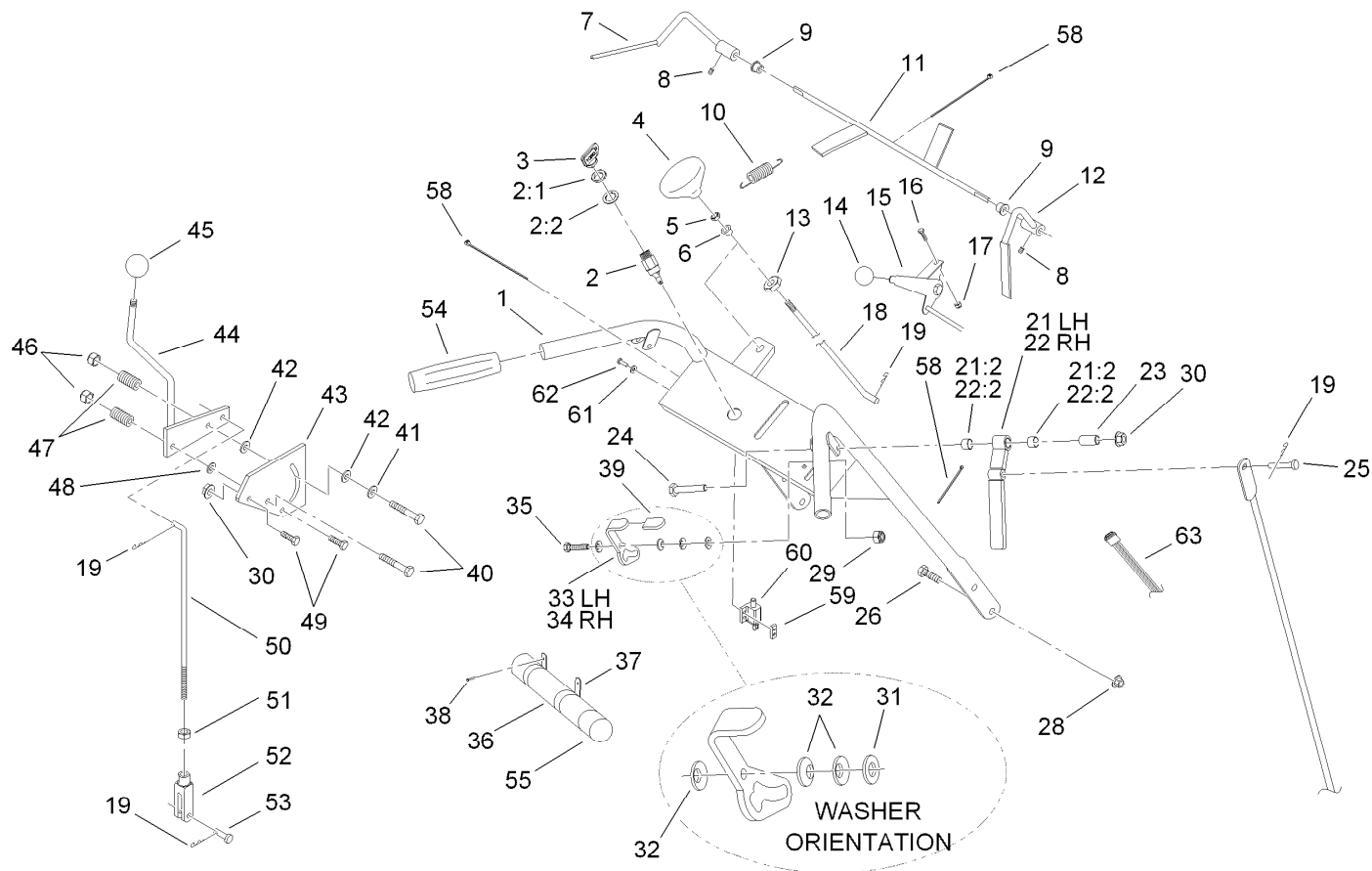


Upper Handle Assembly

Ref.	Part Number	Qty.	Description
1	115-1040	1	Hydro Handle ASM
2	29-5560	1	Switch-On / Off
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Tooth, Internal
3	63-8360	1	Key-Ignition
4	1-323134	1	Knob-Push / Pull
5	3218-2	1	Nut-Jam
6	1-323143	1	Bearing-Nylon
7	106-5485	1	LH Operator Presence Control Lever ASM
8	1-803322	2	Screw-Set
9	1-303365	2	Bushing-Nylon
10	1-303363	1	Spring-Extension
11	106-2717-03	1	Rod-Control, Operator Presence
12	106-5486	1	RH Operator Presence Control Lever ASM
13	1-323142	1	Nut-Push
14	1-513592	1	Knob-Ball

Ref.	Part Number	Qty.	Description
15	1-633696	1	Throttle Cable ASM
16	1-807513	2	Bolt-CARR
17	3296-2	2	Nut-Lock, NI
18	1-323181	1	Linkage-Blade
19	1-806003	5	Pin-Cotter, Hair
21	103-0218	1	LH Drive Lever ASM
21:2	1-413152	2	Bushing-Sleeve
22	103-0219	1	RH Drive Lever ASM ●
22:2	1-413152	2	Bushing-Sleeve
23	1-603749	2	Bushing-Lever, Drive
24	321-9	2	Screw-HH
25	1-613055	2	Pin-Clevis
26	3234-11	4	Screw-HHF
28	32128-21	4	Nut-HF
29	3296-42	2	Nut-Lock, NI
30	32128-33	4	Nut-HF
31	3256-2	2	Washer-Flat
32	1-303435	6	Washer-Spring
33	1-612167	1	LH Grip / Latch ASM

● Not illustrated

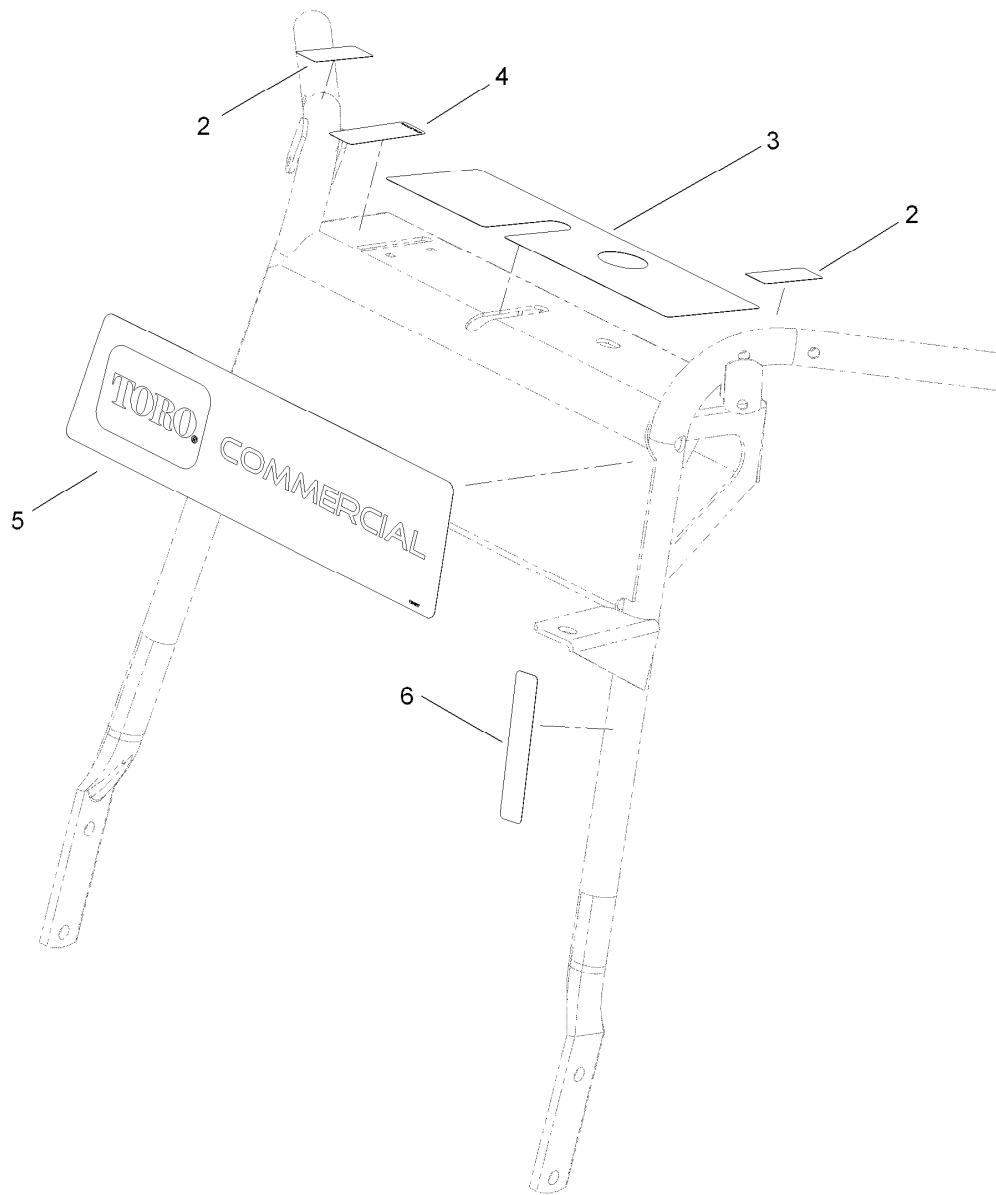


Upper Handle Assembly (continued)

Ref.	Part Number	Qty.	Description
34	1-612168	1	RH Grip / Latch ASM ●
35	321-10	2	Screw-HH
36	104-7050	1	Tube-Manual
37	2412-120	2	R-Clamp
38	32104-76	2	Screw
39	1-303019	2	Grip-Latch
40	322-10	2	Screw-HH
41	1-603716	1	Washer-Friction
42	1-323244	2	Washer-Friction
43	1-603730	1	Plate-Lever, Shifter
44	106-2748	1	Lever-Shift
45	1-603175	1	Knob-Ball
46	3296-29	2	Nut-Lock, NI
47	1-323245	2	Spring-Compression

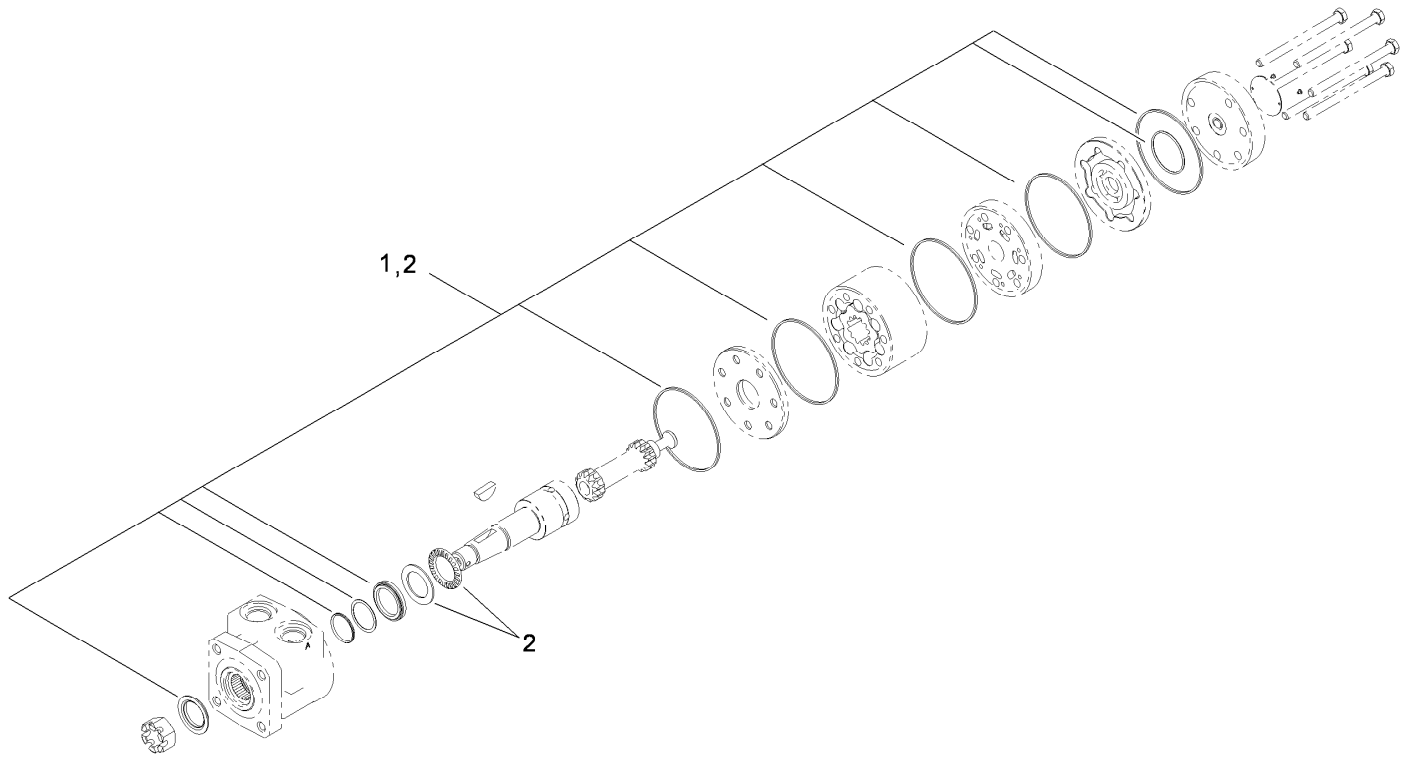
Ref.	Part Number	Qty.	Description
48	3256-23	1	Washer-Flat
49	321-3	2	Screw-HH
50	1-323522	1	Rod-Control, Speed
51	3220-2	1	Nut-Jam
52	1-303105	1	Yoke-Adjustable
53	1-808280	1	Pin-Clevis
54	104-9838	2	Grip-Foam
55	104-7048	1	Cap-Housing
58	1-303287	3	Tie-Cable
59	1-633181	1	Plate-Tapped
60	1-513051	1	Switch-Open, Normally
61	3256-14	2	Washer-Flat
62	3290-500	2	Screw-PPH
63	103-2007	1	Harness-Wiring

● Not illustrated



Handle Assembly No. 115-1040

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	105-4110	2	Decal-Lock, Neutral
3	115-1038	1	Decal-Panel, Control
4	106-2733	1	Decal-Throttle
5	110-6917	1	Decal
6	95-5537	1	Decal-Engage, Deck



Hydraulic Wheel Motor Assembly No. 1-603718

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-000119	1	Seal Kit
2	1-000138	1	Bearing And Seal Kit

Attachments and Accessories

For 30033 Commercial Walk-Behind Traction Unit 17HP Pistol-Grip Hydro Drive

Product Name	Model/Part
32in(82cm) Mid-Size Rear-Discharge Deck.....	02710
36in(92cm) Mid-Size Rear-Discharge Deck.....	02711
48in(122cm) Mid-Size Rear-Discharge Deck.....	02712
36in(92cm) Mid-Size Flail Attachment	02720
Cleated Tire Kit	02930
Dual Wheel Kit	02931
Narrow Wheel Kit.....	02932
Weight Kit	110-2085
Sulky.....	30109



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