



Form No. 3367-471 Rev C

Count on it.

Parts Catalog

Greensmaster® 3250-D 2-Wheel Drive Traction Unit

Model No. 04383—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.

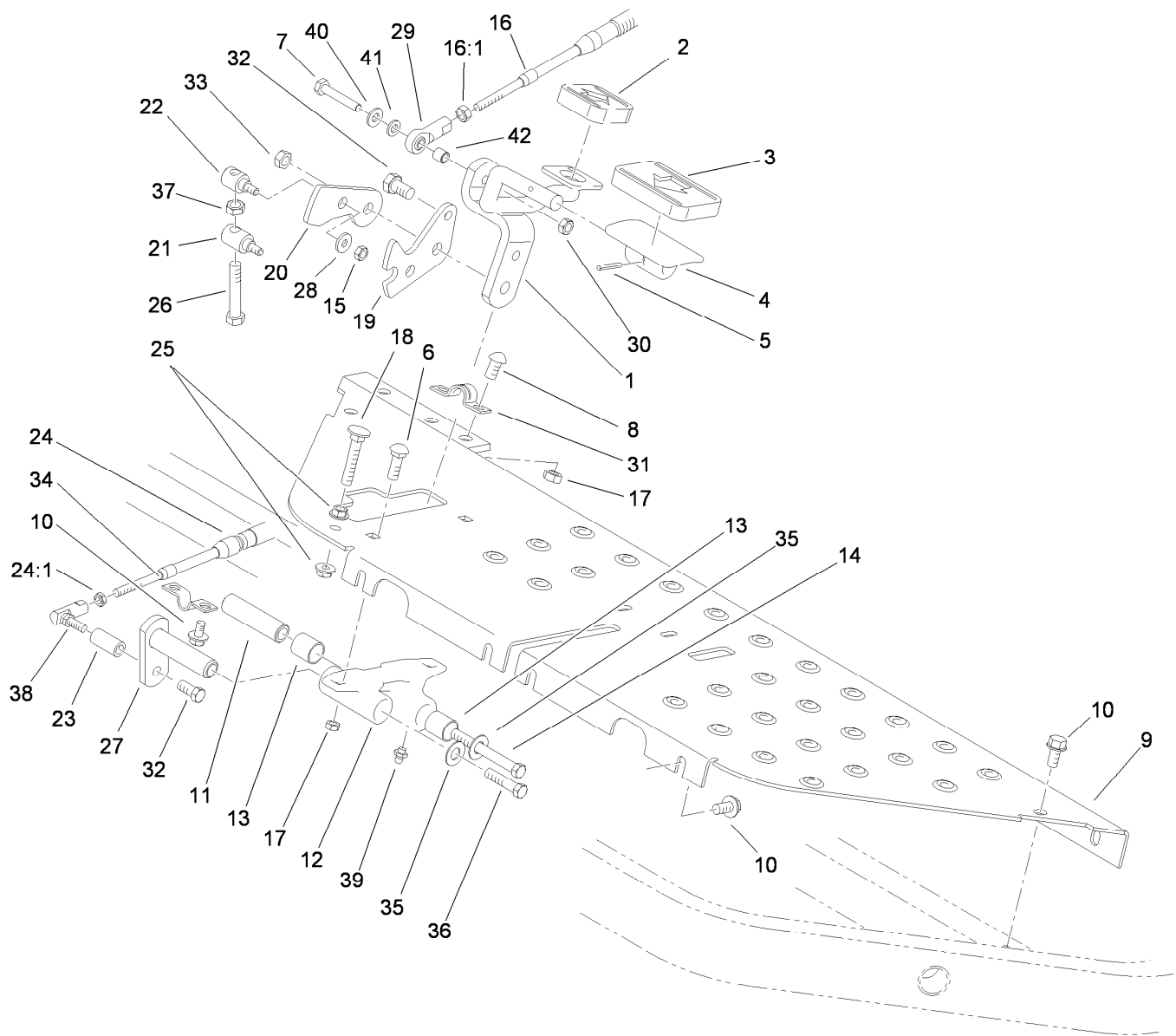
Reference Numbers Indicating Quantity

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.

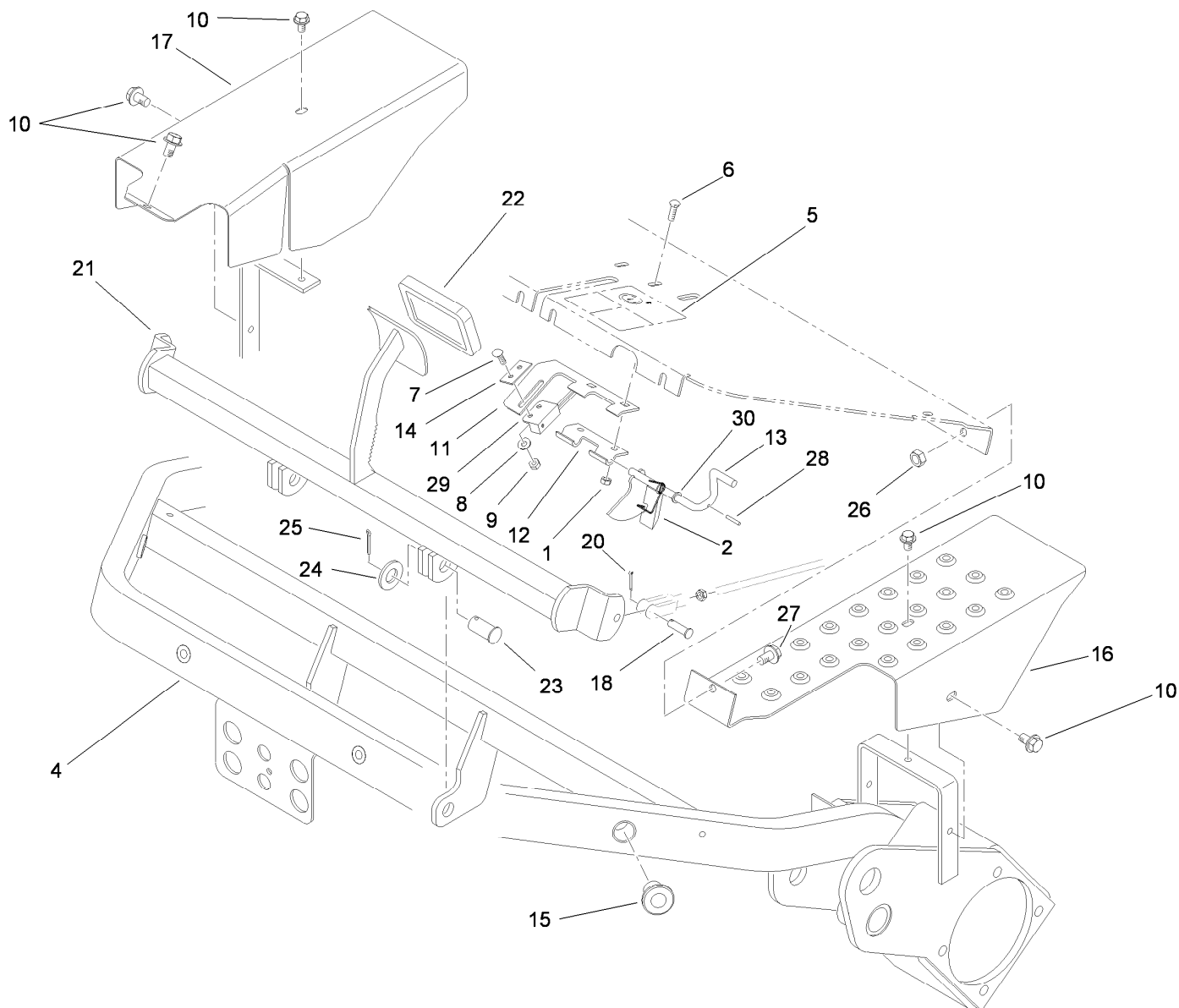
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Traction Control Assembly

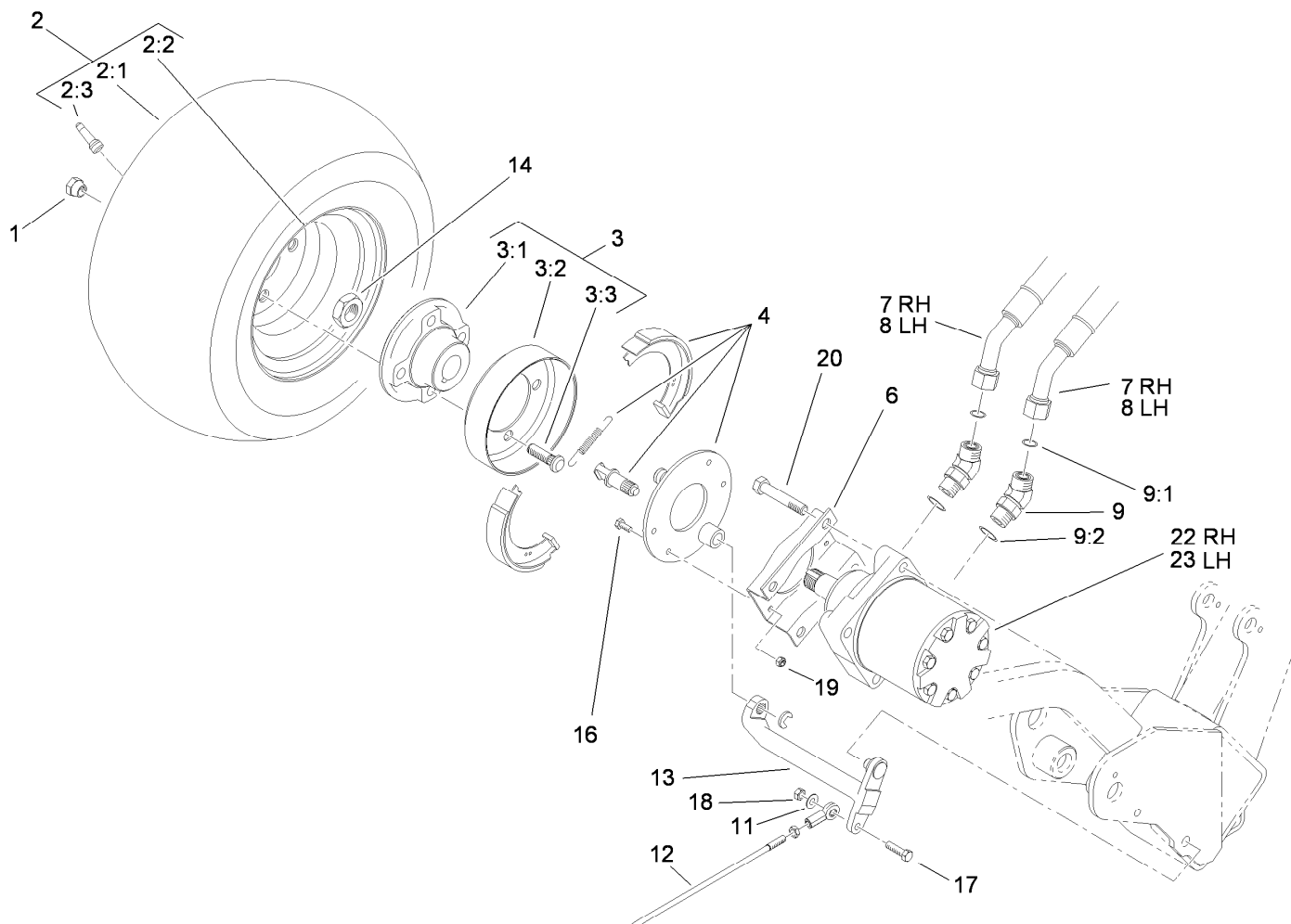
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	93-2085-01	1	Rod ASM	22	94-1374	1	Trunnion-Bracket, Mow
2	74-9110	1	Pad-Pedal, Reverse	23	94-1386	1	Shaft-Pedal
3	74-9100	1	Pad-Pedal, Forward	24	94-1304	1	Cable-Lock, Neutral
4	117-9507	1	Pedal-Accelerator	24:1	3219-14	2	Nut-Hex
5	32121-45	1	Pin-Spring	25	32128-20	2	Nut-HF
6	33124-020	2	Screw-CARR	26	94-3489	1	Screw-HH
7	321-9	1	Screw-HH	27	94-1300	1	Lock-Neutral
8	110-0032	2	Screw-Button Head, Torx	28	3256-1	2	Washer-Flat
9	105-9750-01	1	Plate-Floor	29	2411-41	1	Rod End-Ball Joint
10	32104-32	8	Screw-HWH	30	3296-56	1	Nut-Lock, NI
11	94-1371	1	Spacer	31	93-2092	1	Clamp-Cable
12	115-6695	1	Pedal-Pivot	32	33114-016	2	Screw-HH
13	256-311	4	Bushing-Split	33	33025-00	1	Nut-Lock, NI
14	33115-090	1	Screw-HH	34	93-2279	1	Clamp-Cable
15	33023-00	2	Nut-Lock	35	3256-24	2	Washer-Flat
16	107-2550	1	Cable-Control, Traction	36	33115-016	1	Screw-HH
16:1	3220-1	2	Nut-Jam	37	33014-00	1	Nut-Hex
17	33024-00	4	Nut-Lock, NI	38	2411-38	1	Joint-Ball
18	17-9420	1	Screw-Handle	39	302-5	1	Fitting-Grease
19	94-1373	1	Bracket-Lock	40	3256-22	1	Washer-Flat
20	94-1372	1	Bracket-Mow	41	33093-00	1	Washer-Flat
21	94-1375	1	Trunnion-Bracket, Lock	42	99-3545	1	Spacer



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	33023-00	2	Nut-Lock
2	104-7704	1	Spring-Latch, Brake
4	107-9543-01	1	Frame ASM
5	93-8062	1	Decal-Brake, Parking
6	33123-016	2	Screw-CARR
7	33123-016	1	Screw-CARR
8	33093-00	1	Washer-Flat
9	33023-00	1	Nut-Lock
10	32104-32	5	Screw-HWH
11	104-2096	1	Bracket-Switch
12	104-7703	1	Hinge-Lower
13	104-2094	1	Brake-Latch
14	104-7702	1	Plate-Switch
15	83-1700	3	Bushing-Flange

Ref.	Part Number	Qty.	Description
16	93-2073-01	1	Shield-Wheel, LH
17	93-2072-01	1	Shield-Wheel, RH
18	283-61	2	Pin-Yoke
20	3272-6	2	Pin-Cotter
21	93-2075-01	1	Brake Pedal ASM
22	93-7629	1	Pad-Foot, Brake
23	283-87	2	Pin-Clevis
24	3256-27	2	Washer-Flat
25	3272-11	2	Pin-Cotter
26	33024-00	1	Nut-Lock, NI
27	33114-020	1	Screw-HH
28	32121-50	1	Pin-Spring
29	104-2057	1	Sensor
30	75-5470	1	Spacer-Bearing

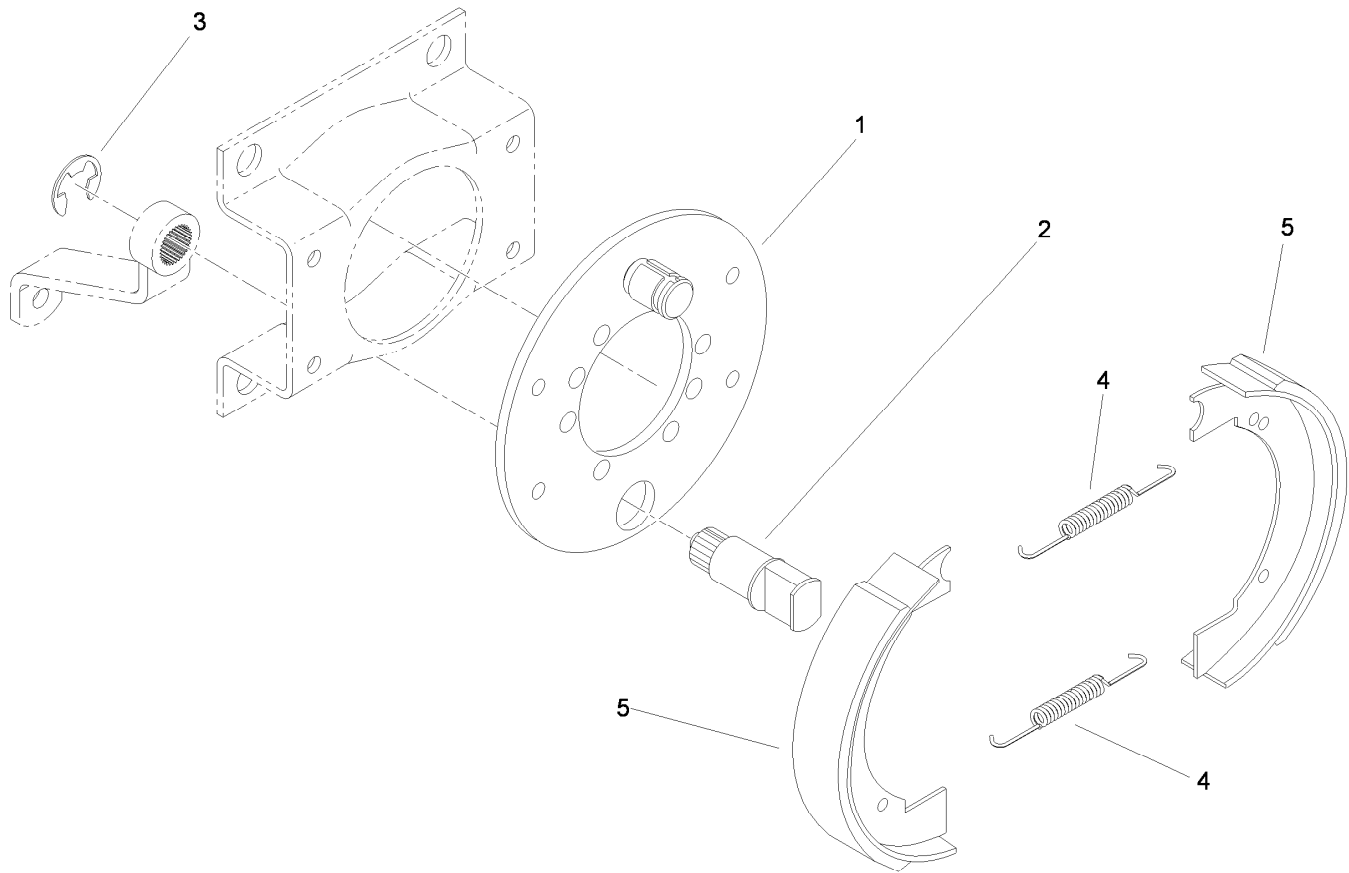


Front Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1	242-50	8	Nut-Lug
2		2	Tire ASM ●
2:1	70-8500	1	Tire-Smooth, 4-Ply
2:2	114-4643	1	Wheel
2:3	232-27	1	Stem-Valve
3	112-0229	2	Brake Drum ASM
3:1	108-2103-03	1	Hub-Wheel
3:2	10-6850	1	Drum-Brake
3:3	85-6540	4	Stud-Drive
4	104-7705	2	Brake ASM
6	84-2000-03	2	Bracket-Brake
7	94-5357	2	Hose ASM
8	94-5358	2	Hose ASM
9	340-14	4	Fitting-HYD, 45 DEG

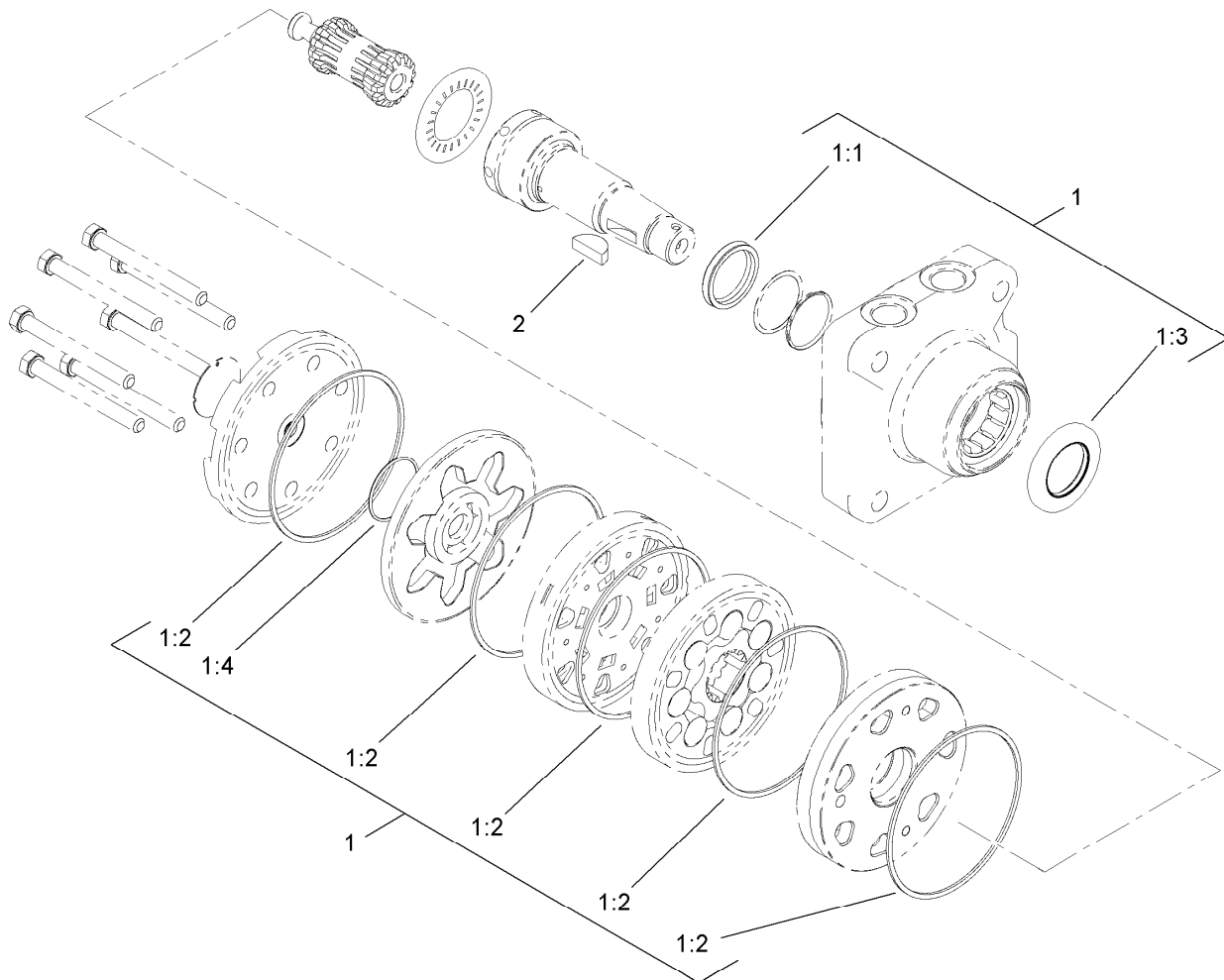
Ref.	Part Number	Qty.	Description
9:1	237-65	1	O-Ring
9:2	237-80	1	O-Ring
11	3256-23	2	Washer-Plain
12	115-6675	2	Brake Rod ASM
13	93-2096	2	Lever-Brake
14	26-3790	2	Nut-Lock
16	33113-020	8	Screw-HH
17	33114-030	2	Screw-HH
18	33024-00	2	Nut-Lock, NI
19	33023-00	8	Nut-Lock
20	33116-060	8	Screw-HH
22	112-0237	1	Motor-Wheel, HYD (LH)
23	112-0238	1	Motor-Wheel, HYD (RH)

● Not serviced separately



Brake Assembly No. 104-7705

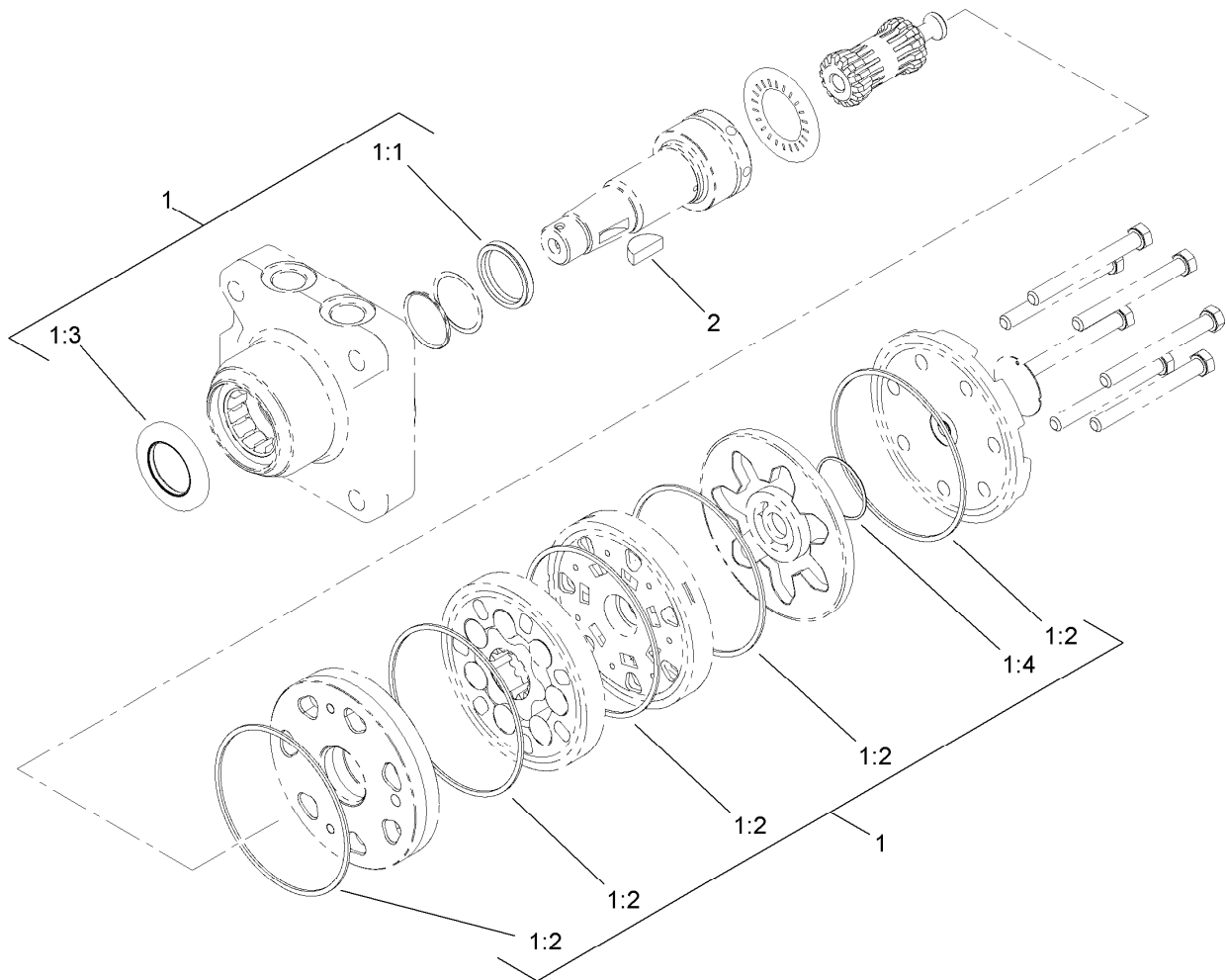
Ref.	Part Number	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



LH Hydraulic Wheel Motor Assembly No. 112-0237

Ref.	Part Number	Qty.	Description
1	110-6459	1	Seal Kit
1:1		1	Seal-Shaft ●
1:2		5	Seal-Body ●
1:3		1	Seal-Dirt / Water ●
1:4		1	Seal-Commutator ●
2	3257-42	1	Key-Woodruff

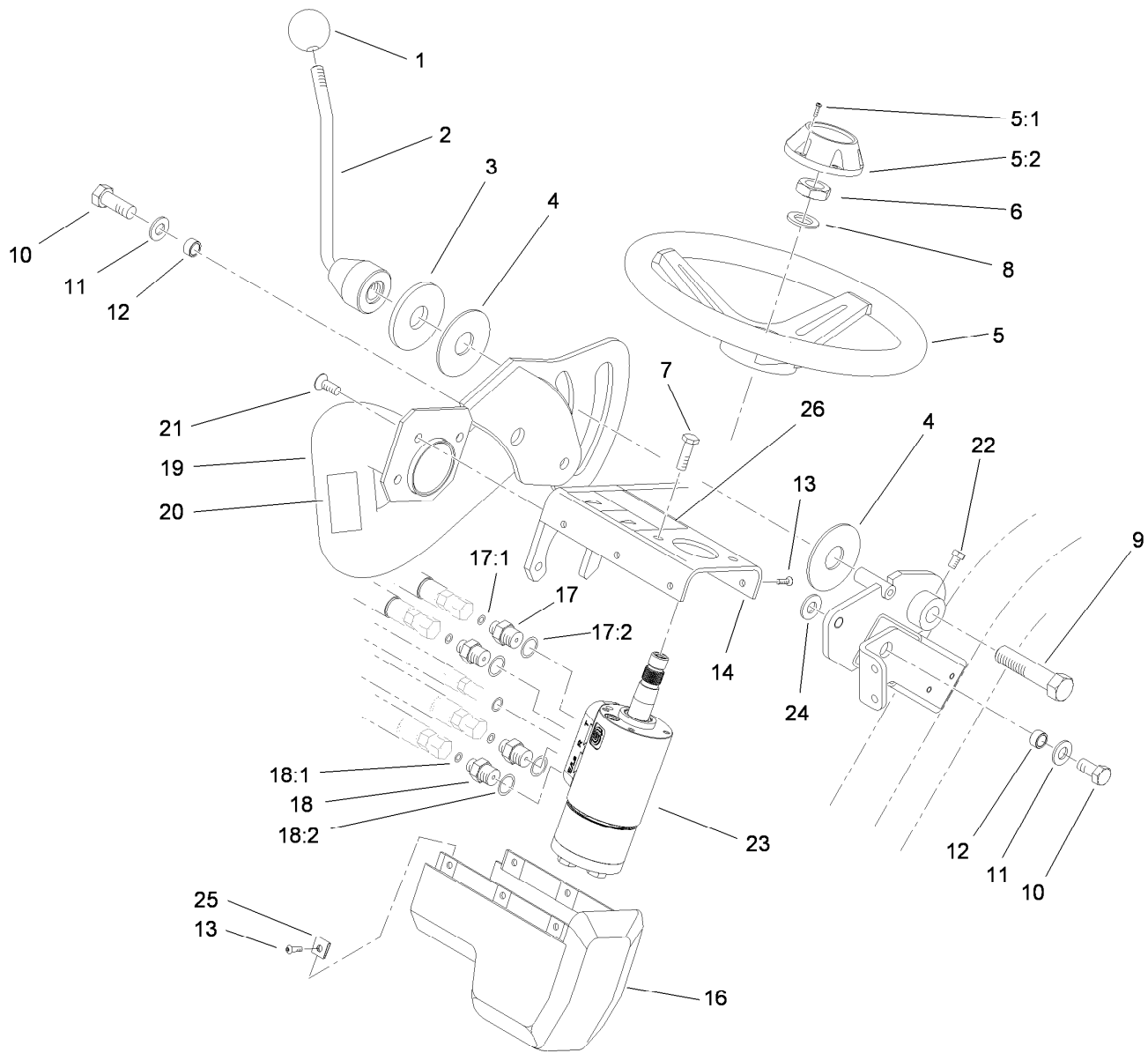
● Not serviced separately



RH Hydraulic Wheel Motor Assembly No. 112-0238

Ref.	Part Number	Qty.	Description
1	110-6459	1	Seal Kit
1:1		1	Seal-Shaft ●
1:2		5	Seal-Body ●
1:3		1	Seal-Dirt / Water ●
1:4		1	Seal-Commutator ●
2	3257-42	1	Key-Woodruff

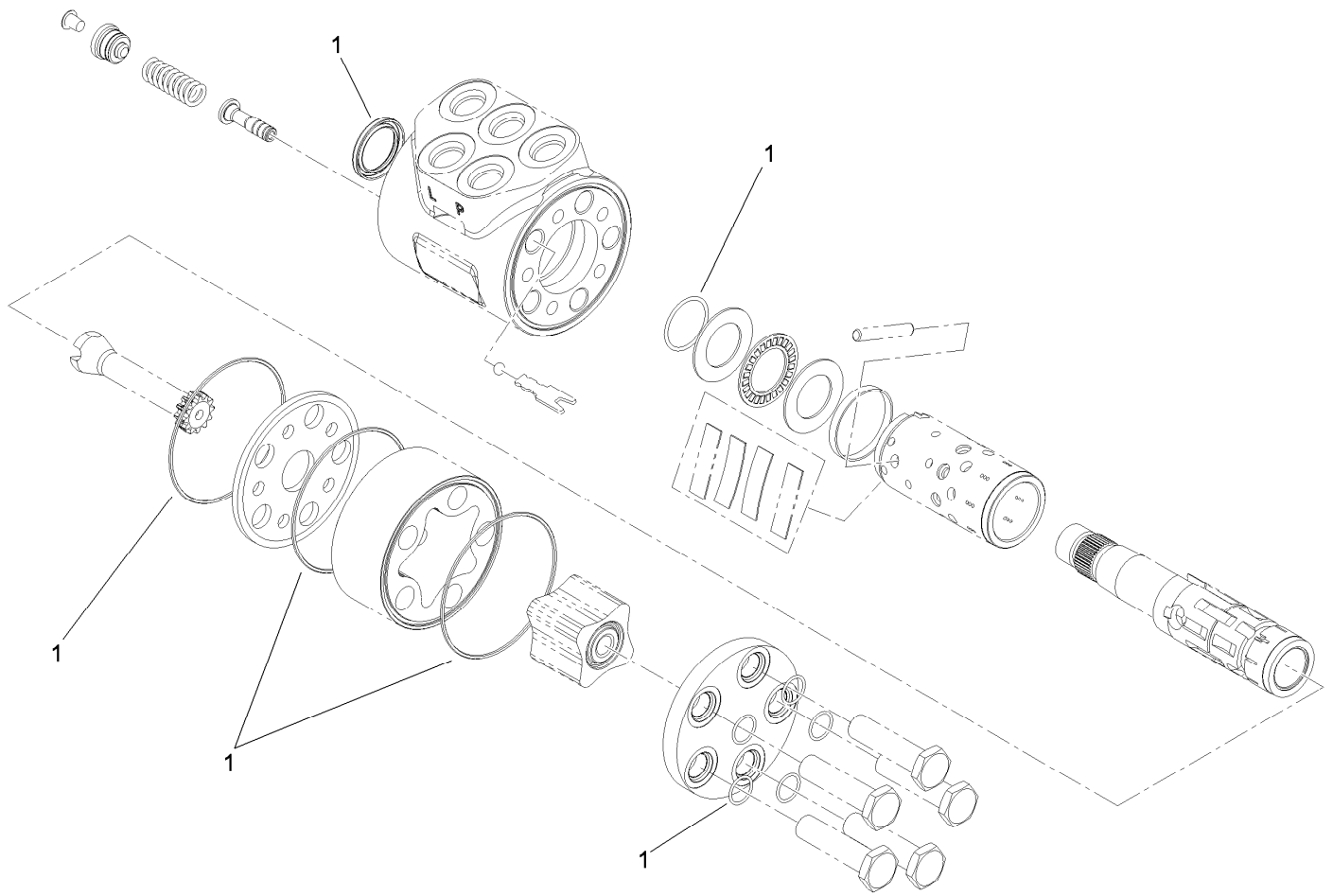
● Not serviced separately



Steering Arm Assembly

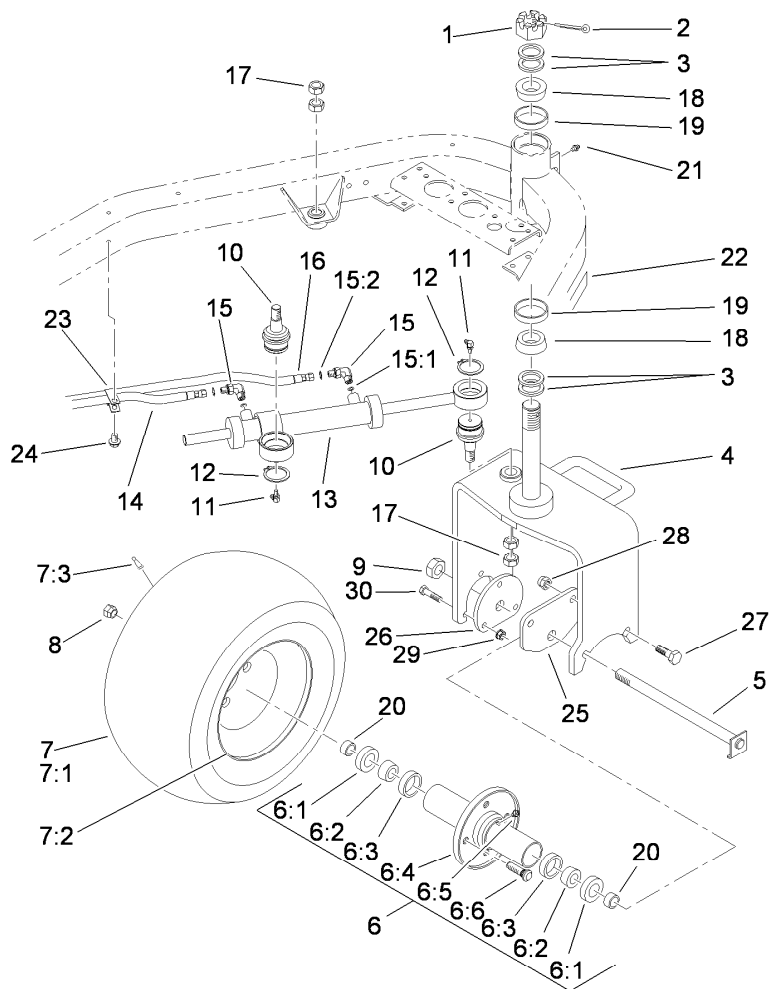
Ref.	Part Number	Qty.	Description
1	233-48	1	Knob
2	93-2400-03	1	Lockup Handle ASM
3	83-0760	1	Spacer-Plate, Lockup
4	83-0740	2	Disc-Friction
5	75-0560	1	Steering Wheel ASM
5:1	32144-21	1	Screw
5:2	68-5140	1	Cap-Wheel, Steering
6	110-8816	1	Nut-Hex
7	33103-016	4	Screw-HHF
8	3256-27	1	Washer-Flat
9	93-2199	1	Screw-HH, RH
10	325-4	2	Screw-HH
11	3256-26	2	Washer-Flat
12	47-2890	2	Bushing
13	3274-39	6	Screw-HSBH
14	114-4698-03	1	Steering Mount ASM
16	83-0810	1	Cover-Steering

Ref.	Part Number	Qty.	Description
17	340-1	2	Fitting-Straight
17:1	237-21	1	O-Ring
17:2	237-42	1	O-Ring
18	340-2	2	Fitting-Straight
18:1	237-22	1	O-Ring
18:2	237-42	1	O-Ring
19	93-2115-01	1	Steering Arm ASM
20	93-8068	1	Decal-Arm, Steering
21	3274-80	3	Screw-HH
22	3242-2	1	Screw-SQH
23	114-4672	1	Steering Valve ASM
24	65-6390	1	Washer-Thrust, Plain
25	3290-277	6	Nut-Speed
26	117-9536	1	Decal-Danger
26	117-9537	1	Decal-Danger, CE



Steering Valve Assembly No. 114-4672

Ref.	Part Number	Qty.	Description
1	106-6716	1	Seal Kit

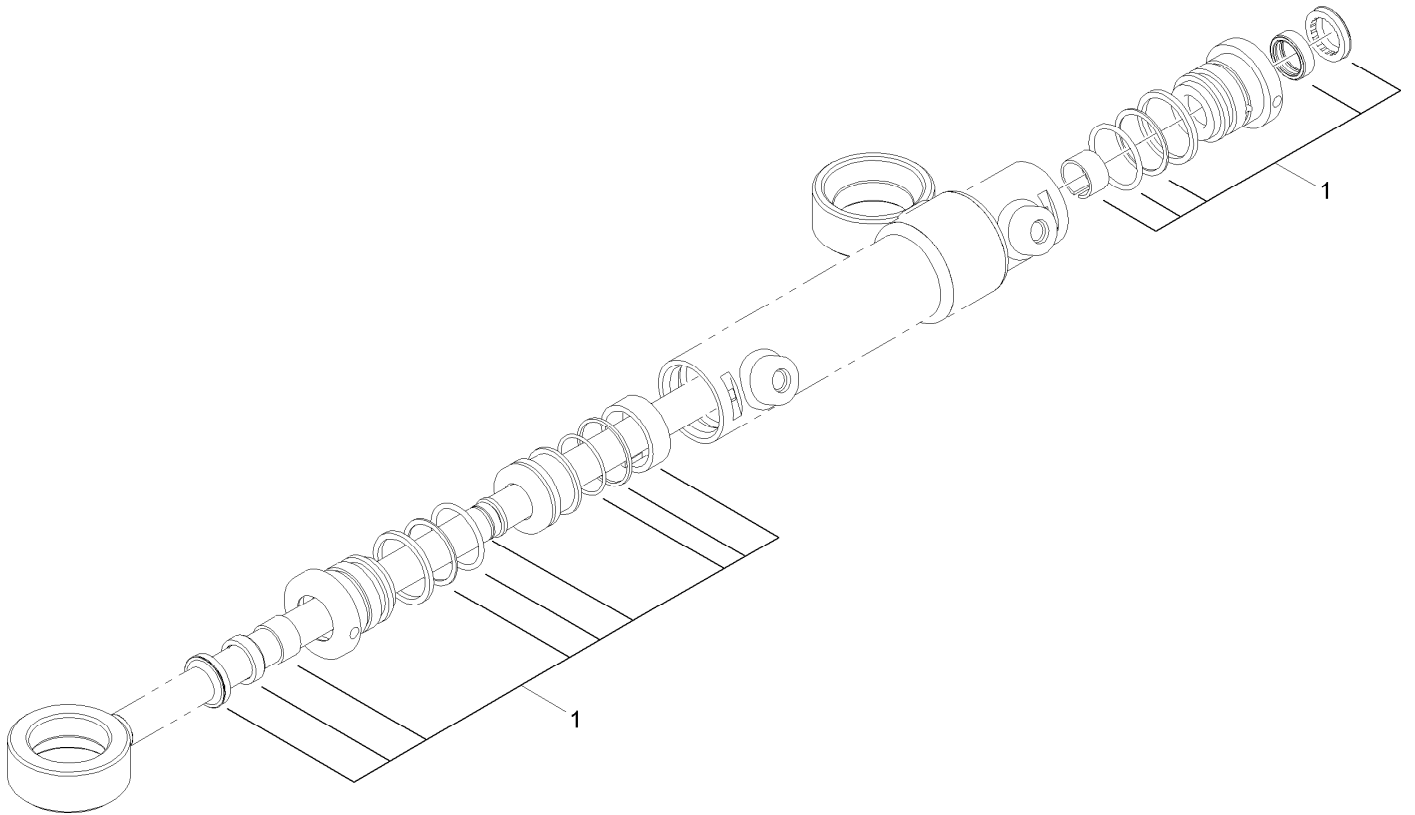


Rear Wheel Assembly

Ref.	Part Number	Qty.	Description
1	32136-9	1	Nut-Hex, Slotted
2	3272-37	1	Pin-Cotter
3	18-6320	4	Washer-Steering
4	112-9174-01	1	Fork-Caster
5	70-8370	1	Bolt
6	72-9710	1	Hub-Tire
6:1	253-111	2	Seal-Oil
6:2	254-78	2	Bearing-Cone
6:3	254-79	2	Bearing-Roller, Cup
6:4	75-9440	1	Hub ASM
6:5	302-11	1	Fitting-Lube, 45 DEG
6:6	10-6830	4	Stud-Type, Drive
7		1	Tire ASM ●
7:1	70-8500	1	Tire-Smooth, 4-Ply
7:2	114-4643	1	Wheel
7:3	232-27	1	Stem-Valve
8	242-50	4	Nut-Lug
9	3296-67	1	Nut-Lock, NI
10	106-6774	2	Joint-Ball
11	302-60	2	Fitting-Grease
12	32151-104	2	Ring-Retaining, External

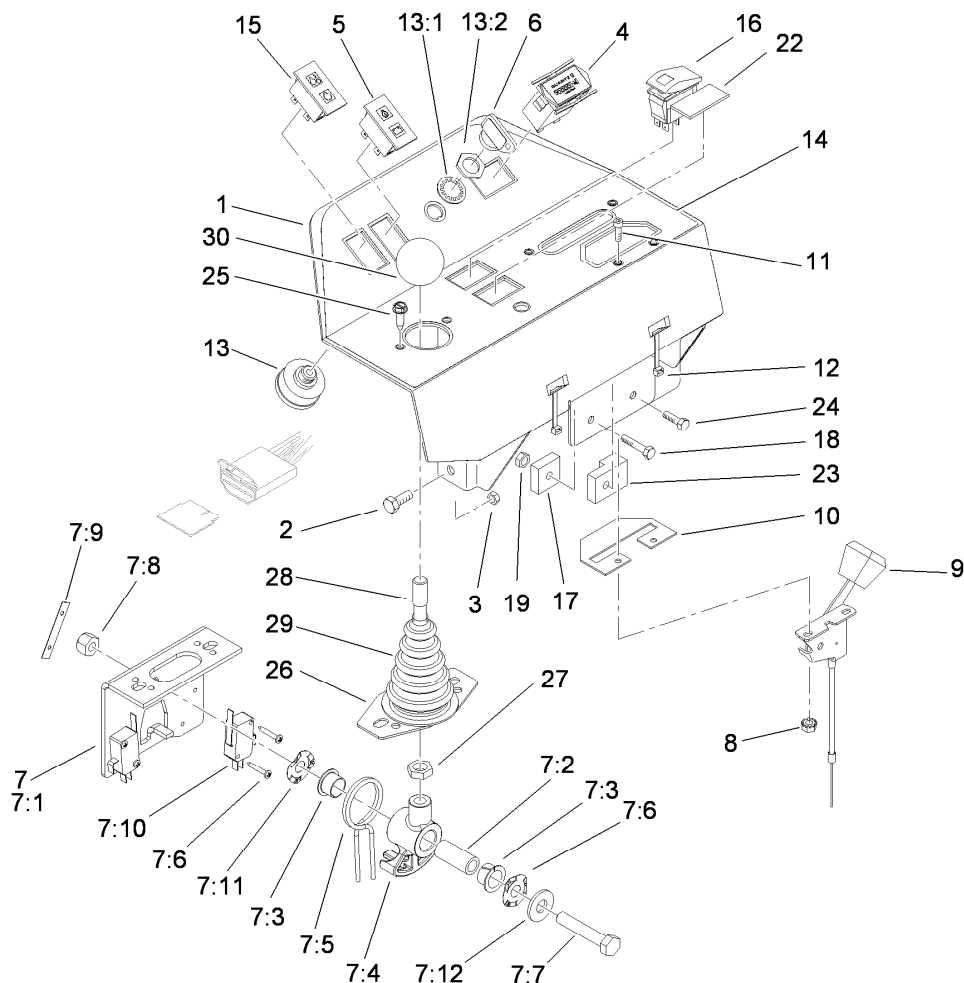
Ref.	Part Number	Qty.	Description
13	112-0298	1	HYD Steering Cylinder ASM
14	93-2270	1	HYD Hose ASM
15	340-132	2	Fitting-Elbow, 90 DEG
15:1	237-78	1	O-Ring
15:2	237-21	1	O-Ring
16	108-5675	1	Hydraulic Hose ASM
17	3220-6	4	Nut-Jam
18	254-70	2	Bearing-Cone
19	254-61	2	Cup-Bearing, Roller
20	70-8490	2	Spacer-Spindle, Rear
21	302-5	1	Fitting-Grease
22	99-1493	1	Decal
23	92-5753	1	Clamp-Hose
24	32104-32	1	Screw-HWH
25	99-1485-01	1	Plate-Adapter, Motor
26	99-1486-01	1	Plate-Adapter
27	325-6	2	Screw-HH
28	3296-23	2	Nut-Lock, NI
29	3296-39	3	Nut-Lock, NI
30	114-4681	3	Screw-HHF

● Not serviced separately



Hydraulic Cylinder Assembly No. 112-0298

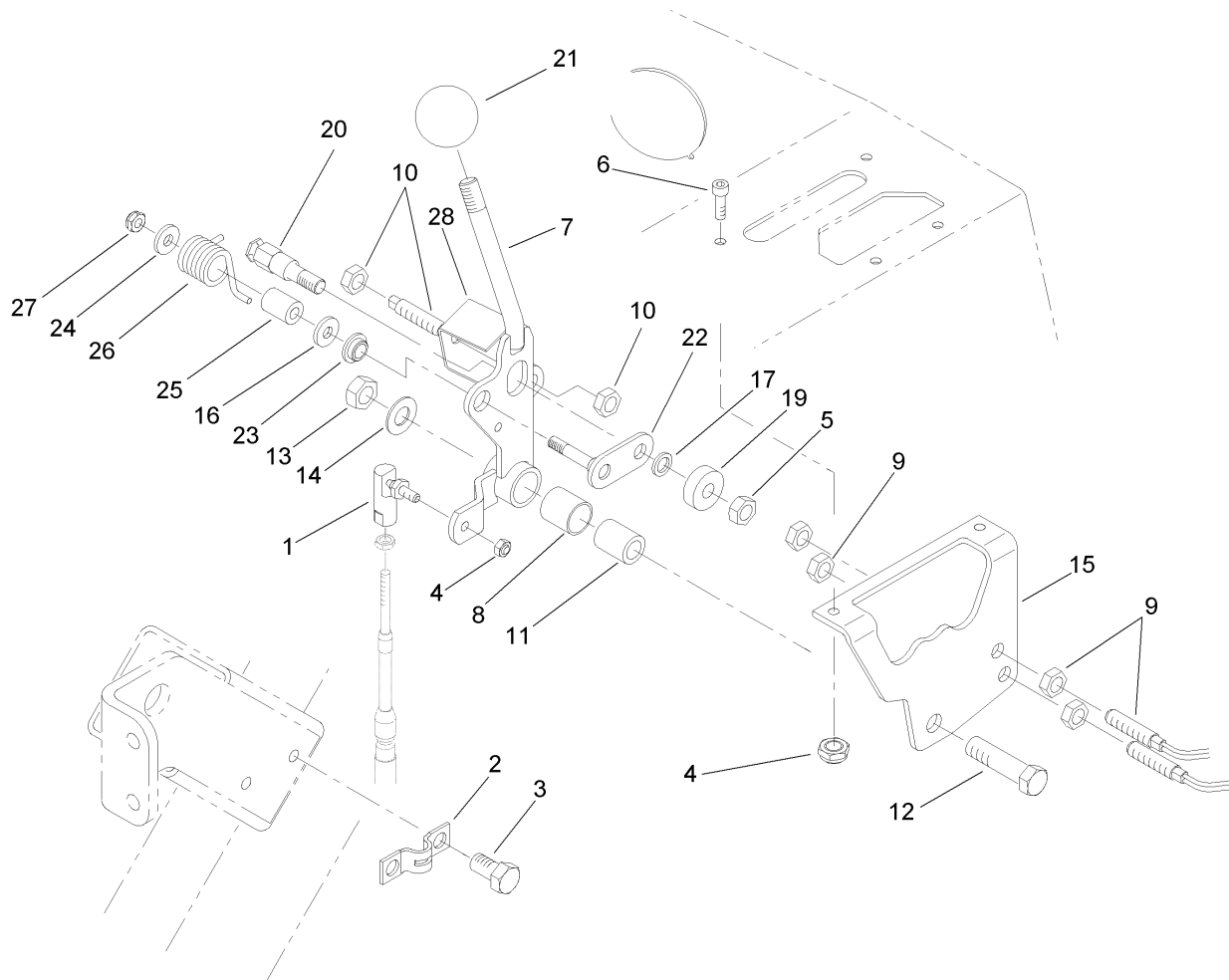
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-9170	2	Seal Kit



Console Assembly

Ref.	Part Number	Qty.	Description
1	108-6503-03	1	Console ASM
2	33114-020	4	Screw-HH
3	33024-00	4	Nut-Lock, NI
4	1-513374	1	Meter-Hour
5	100-8070	1	Lamp-Warning
6	63-8360	2	Key-Ignition
7	106-4167	1	Joystick Bracket ASM
7:1	115-5357-03	1	Bracket-Joystick
7:2	106-4192	1	Spacer
7:3	93-5547	2	Bushing-Nylon
7:4	105-7507	1	Hub-Pivot, Joystick
7:5	105-8289	1	Spring-Torsion
7:6	106-4193	2	Washer-Finger, Spring
7:7	322-9	1	Screw-HH
7:8	3296-29	1	Nut-Lock, NI
7:9	3290-354	2	Nut-Speed
7:10	108-6496	2	Switch (W/Boot)
7:11	95-3003	4	Screw-PPHTF
7:12	3256-3	1	Washer-Flat
8	32149-8	2	Nut-Keps
9	99-8150	1	Control-Throttle
10	112-9179	1	Plate-Cover

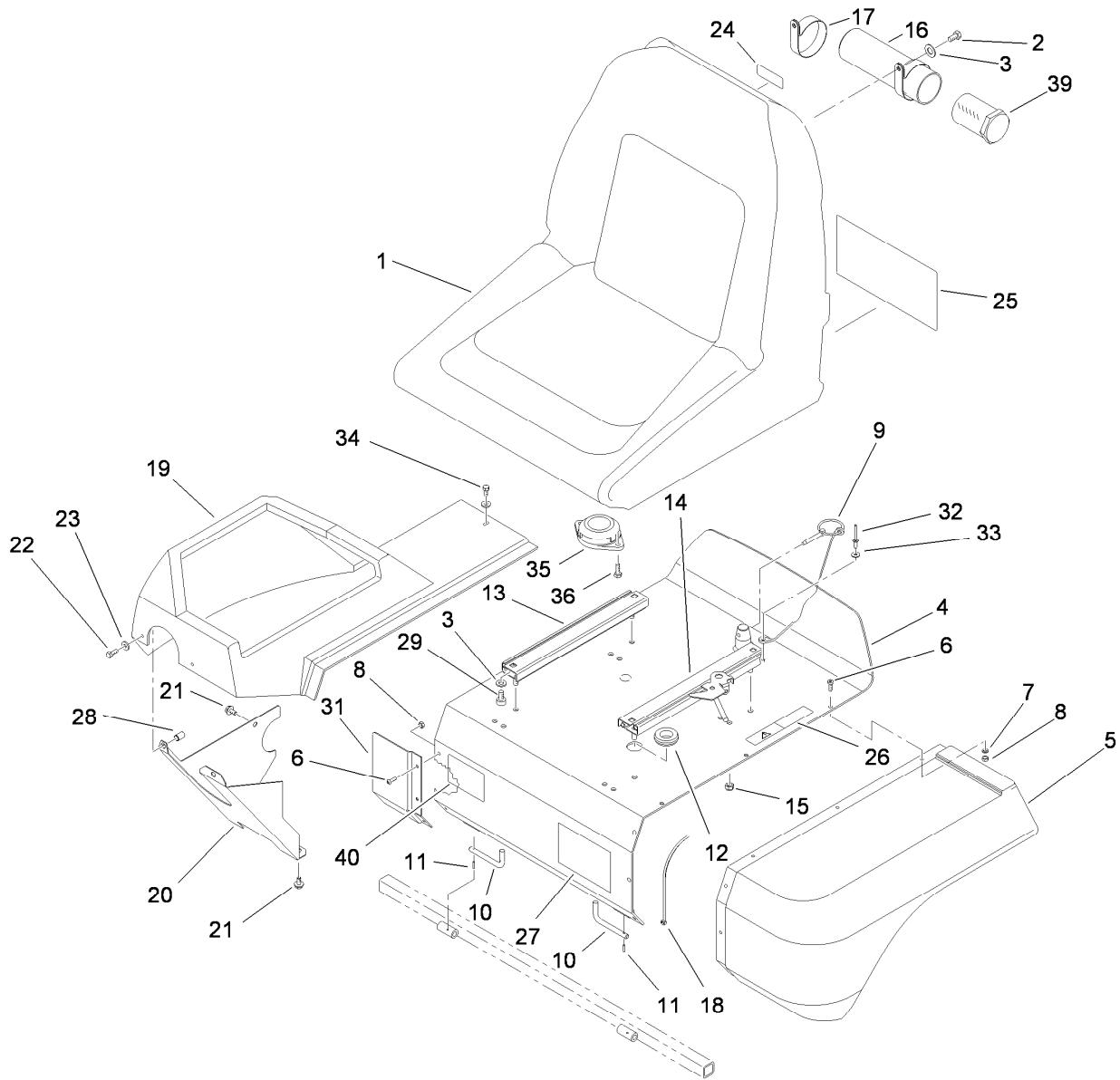
Ref.	Part Number	Qty.	Description
11	3273-26	2	Screw-HSH
12	3290-378	2	Tie-Cable
13	27-2360	1	Switch
13:1	218-446	1	Nut-Hex
13:2	218-447	1	Washer-Lock
14	107-9529	1	Decal-Instrument
15	100-8071	1	Lamp-Warning
16	100-8072	1	Switch-Rocker, On-None-(On)
17	92-2538	1	Module-Timer
18	33113-030	1	Screw-HH
19	33023-00	2	Nut-Lock
22	99-7420	1	Plug-Hole
23	115-2292	1	Timer-Glow Plug
24	33113-020	1	Screw-HH
25	32144-19	2	Screw-SHWH
26	112-9181	1	Plate-Boot
27	3218-3	1	Nut-Jam
28	105-8288	1	Rod-Joystick
29	93-5961	1	Boot-Lever
30	233-42	1	Knob



Functional Control Lever Assembly

Ref.	Part Number	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
3	32104-32	2	Screw-HWH
4	3296-27	2	Nut-Lock, NI
5	33024-00	1	Nut-Lock, NI
6	3273-26	2	Screw-HSH
7	94-9611	1	Handle
8	256-311	1	Bushing-Split
9	112-0278	2	Switch-Reed
10	93-2056	1	Actuator-Switch, Reed
11	94-1378	1	Tube-Pivot, Handle
12	33115-040	1	Screw-HH
13	33025-00	1	Nut-Lock, NI
14	3256-24	1	Washer-Flat

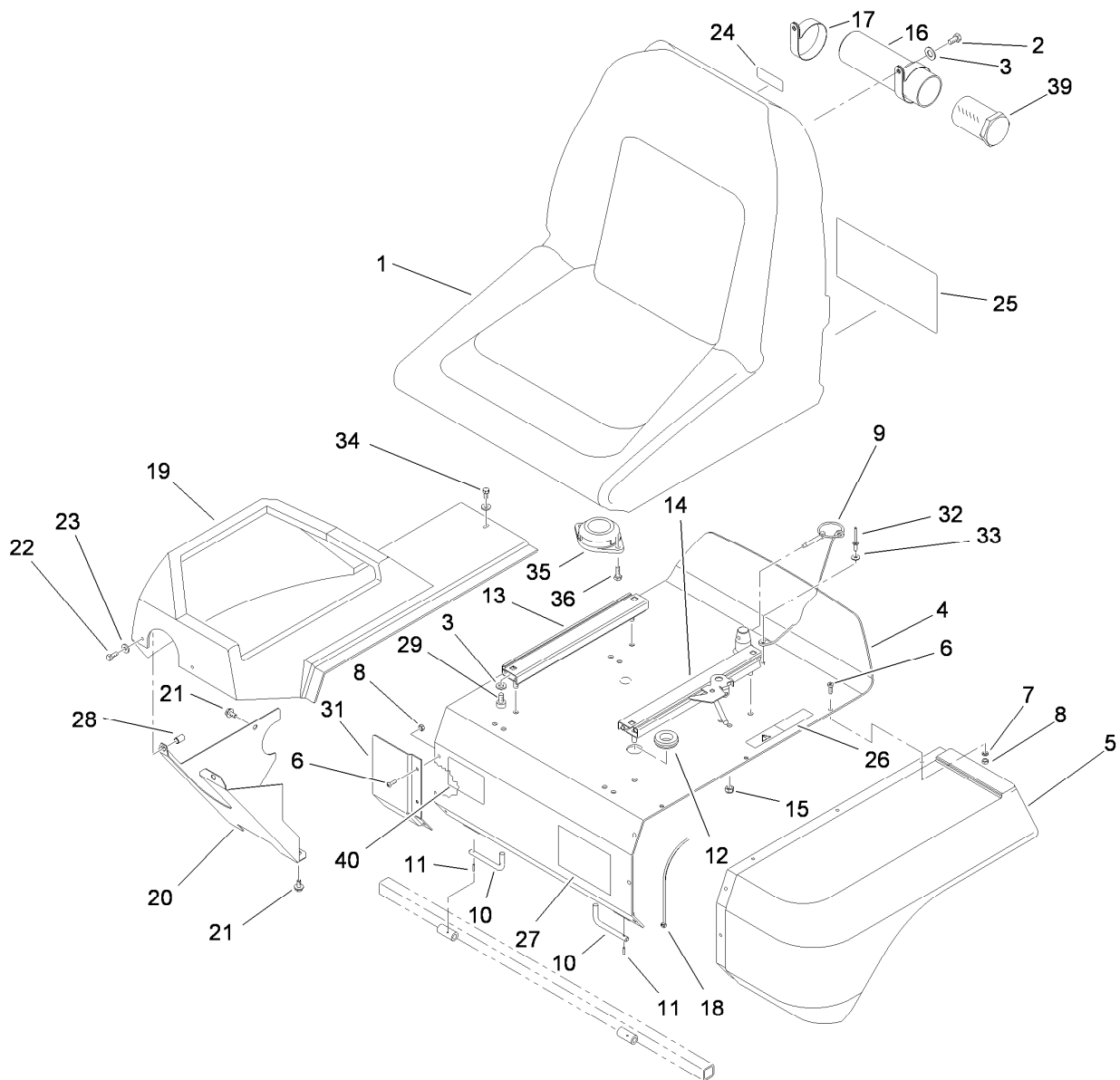
Ref.	Part Number	Qty.	Description
15	94-6398	1	Bracket-Traction
16	3256-23	1	Washer-Plain
17	75-5470	1	Spacer-Bearing
19	251-259	1	Bearing-Ball
20	94-9617	1	Pin-Spring
21	233-42	1	Knob
22	94-9614	1	Pivot-Roller
23	94-9619	1	Bushing
24	3256-67	1	Washer
25	94-9618	1	Spacer-Spring
26	94-9620	1	Spring-Torsion
27	33023-00	1	Nut-Lock
28	106-6356	1	Shield-Switch



Seat Assembly

Ref.	Part Number	Qty.	Description
1	104-4620	1	Seat
2	322-2	2	Screw-HH
3	3256-23	6	Washer-Plain
4	93-2135-03	1	Seat Support ASM
5	93-2128	1	Panel-Base, Seat
6	3274-39	9	Screw-HSBH
7	3256-77	6	Washer-Flat
8	3296-12	9	Nut-Lock, NI
9	77-3780	1	Pin ASM-Lynch
10	93-2422	2	Rod-Pivot, Seat
11	32121-7	2	Pin-Roll, Slotted
12	237-100	1	Grommet
13	92-8990	1	Adjuster-Seat, Non-Locking
14	92-8991	1	Adjuster (W/Latch)
15	3296-29	4	Nut-Lock, NI
16	104-7050	1	Tube-Manual
17	2412-133	2	Clamp-R
18	3290-378	1	Tie-Cable
19	99-4208	1	Shroud-Console
20	94-4547-03	1	Panel-Lower, RH
21	32104-32	2	Screw-HWH

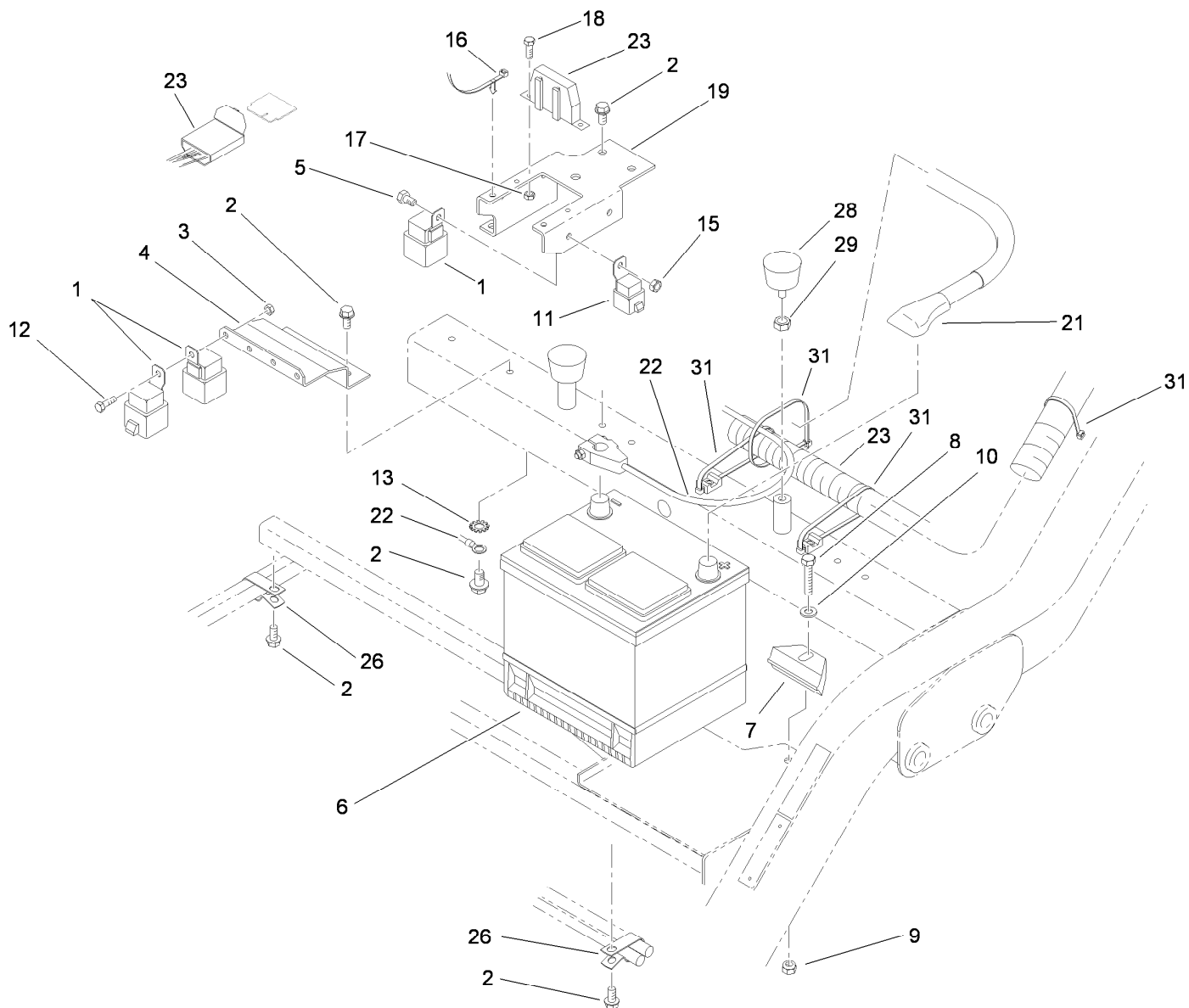
Ref.	Part Number	Qty.	Description
22	33113-016	2	Screw-HH
23	3256-1	3	Washer-Flat
24	93-6686	1	Decal-Oil, HYD
25	114-4616	1	Decal-Service, Spanish
25	114-4617	1	Decal-Service, French
25	114-4618	1	Decal-Service, German
25	114-4619	1	Decal-Service, Swedish
25	114-4620	1	Decal-Service, Italian
25	114-4621	1	Decal-Service, Portuguese
25	114-4622	1	Decal-Service, Norwegian
25	114-4623	1	Decal-Service, Finnish
25	114-4624	1	Decal-Service, Danish
25	114-4625	1	Decal-Service, Dutch
25	114-4626	1	Decal-Service, Japanese
25	115-3028	1	Decal-Service
26	93-6689	1	Decal-No Riders
27	94-2579	1	Decal
28	93-5447	2	Nut-Clinch
29	3274-12	4	Screw-HSH
31	94-4546-03	1	Panel-Extension
32	3290-282	1	Rivet-Blind



Seat Assembly (continued)

Ref.	Part Number	Qty.	Description
33	3256-49	1	Washer-Plain
34	33113-012	1	Screw-HH
35	92-6282	1	Switch-Seat

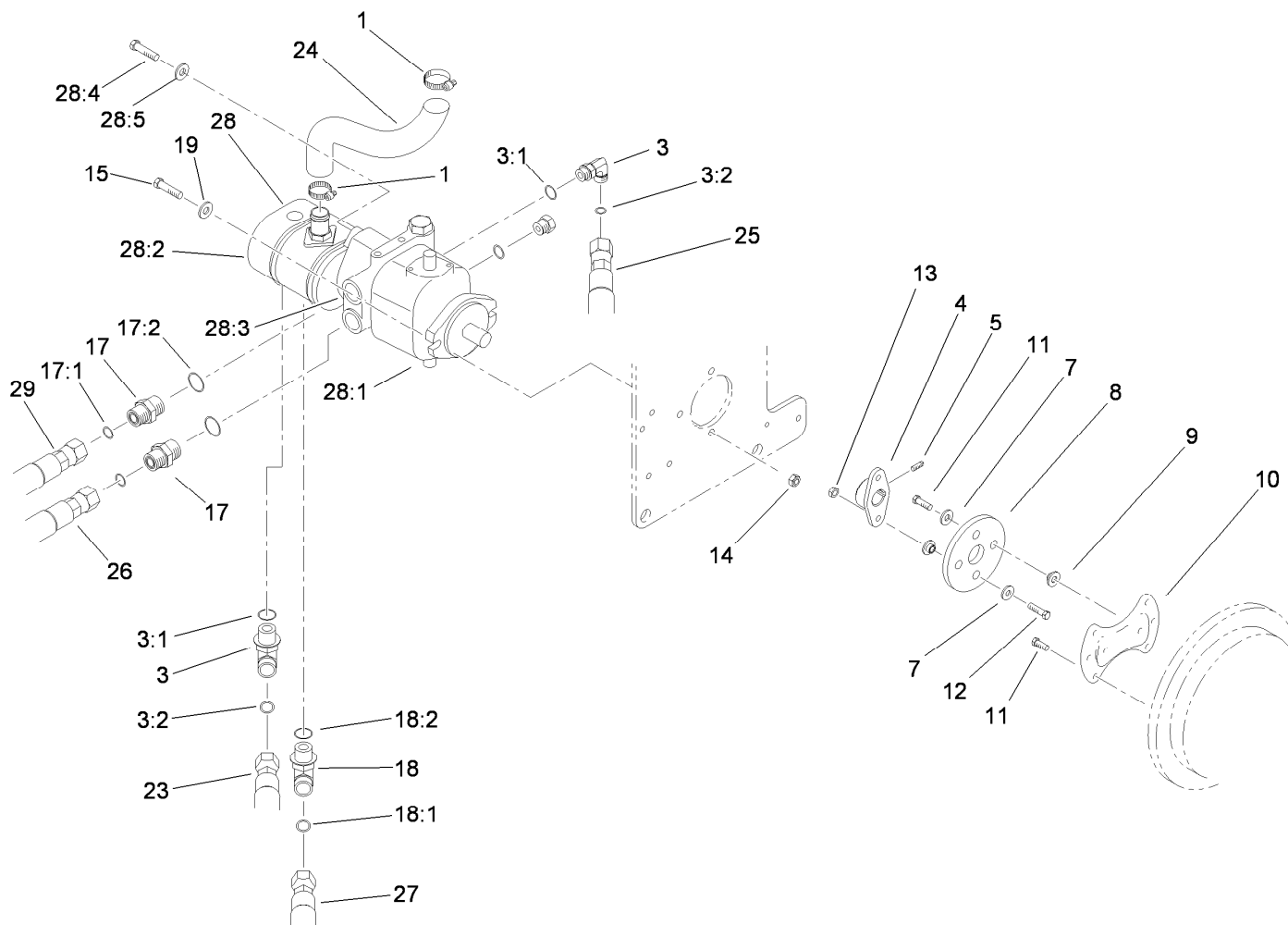
Ref.	Part Number	Qty.	Description
36	32144-10	2	Screw-HWH
39	104-7048	1	Cap-Housing
40	115-8156	1	Decal-Speed, Clip



Battery and Electrical Component Assembly

Ref.	Part Number	Qty.	Description
1	99-7430	9	Relay-Mini
2	32144-11	7	Screw-HWH
3	33023-00	4	Nut-Lock
4	93-2169-01	1	Bracket-Relay
5	3290-134	1	Screw
6	106-5187	1	Battery, 525 CCA W/O Electrolyte
7	66-2490	1	Retainer-Battery
8	33115-040	1	Screw-HH
9	33025-00	1	Nut-Lock, NI
10	3256-24	1	Washer-Flat
11	99-7435	1	Relay
12	33113-016	4	Screw-HH

Ref.	Part Number	Qty.	Description
13	3254-2	1	Washer-Lock, Internal
15	3296-2	1	Nut-Lock, NI
16	94-1325	2	Tie-Mount, Push
17	32149-7	2	Nut-Keps
18	32105-13	2	Screw-HWH
19	100-3186-03	1	Bracket-Holder, Fuse
21	95-8853	1	Cable-Battery, Positive
22	99-8167	1	Cable-Battery, Negative
23	112-9165	1	Harness-Wire
26	92-5753	2	Clamp-Hose
28	68-3270	2	Bumper-Rubber
29	3218-2	2	Nut-Hex Jam
31	3290-378	6	Tie-Cable

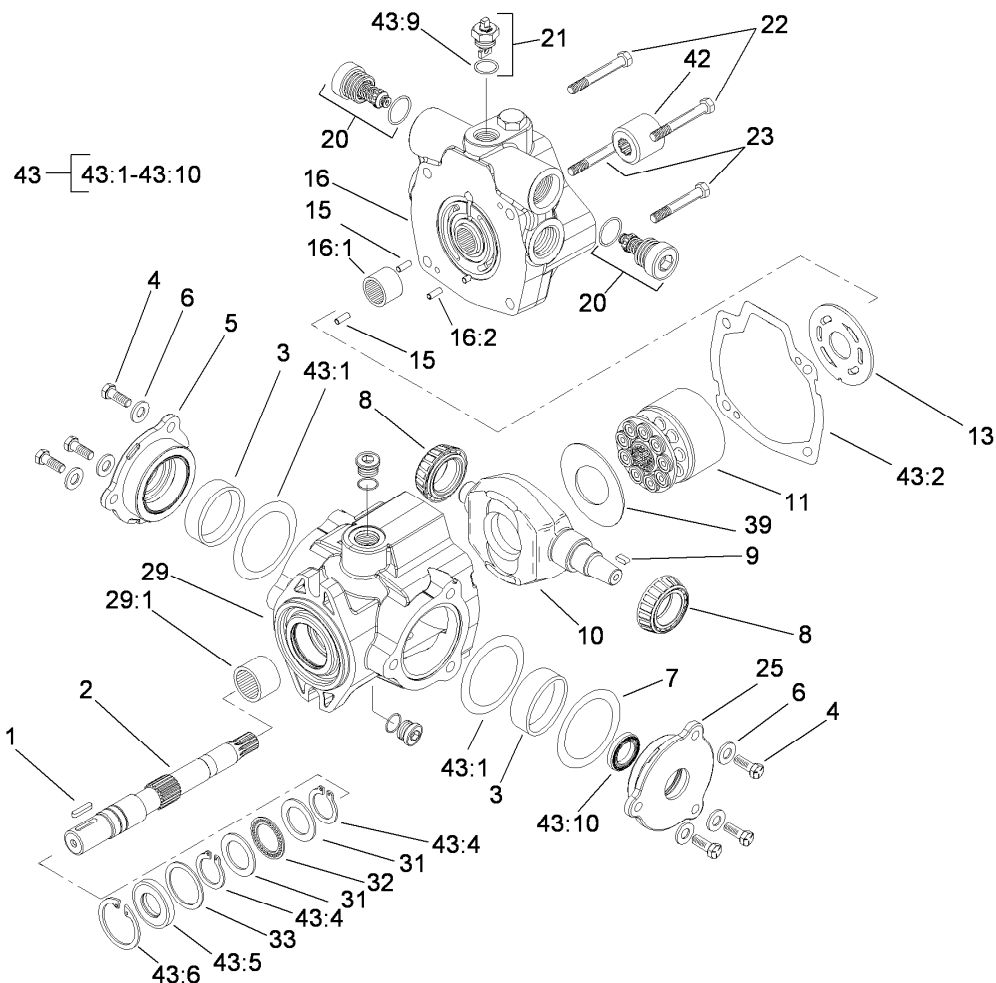


Hydrostat and Gear Pump Drive Assembly

Ref.	Part Number	Qty.	Description
1	2412-34	2	Clamp-Hose
3	340-18	2	Fitting-HYD, 90 DEG
3:1	237-79	1	O-Ring
3:2	237-22	1	O-Ring
4	110-5227	1	Hub-Pump
5	3241-6	2	Screw-SQH
7	3256-3	2	Washer-Flat
8	80-8650	1	Coupling-Drive
9	27-6600	4	Spacer-Coupling
10	117-8055	1	Pump Adapter
11	33114-020	6	Screw-HH
12	33114-030	1	Screw-HH
13	33024-00	2	Nut-Lock, NI
14	33025-00	2	Nut-Lock, NI
15	33115-040	2	Screw-HH
17	340-8	2	Fitting-Straight
17:1	237-65	1	O-Ring
17:2	237-81	1	O-Ring

Ref.	Part Number	Qty.	Description
18	340-17	1	Fitting-Elbow, 90 DEG
18:1	237-65	1	O-Ring
18:2	237-80	1	O-Ring
19	100-4852	2	Washer-Hardened
23	105-4339	1	Hose-HYD
24	99-1905	1	Hose-Inlet, Pump
25	108-6514	1	Hose-Hydraulic
26	99-4220	1	HYD Hose ASM
27	99-4216	1	HYD Hose ASM
28		1	Hydrostat/Gear Pump ASM
		●	
28:1	105-0494	1	Hydrostat ASM
28:2	104-7737	1	Gear Pump ASM
28:3	60-3520	1	O-Ring
28:4	3274-1	2	Screw-HSH
28:5	3256-24	2	Washer-Flat
29	99-4217	1	Hose-Hydraulic

● Not serviced separately

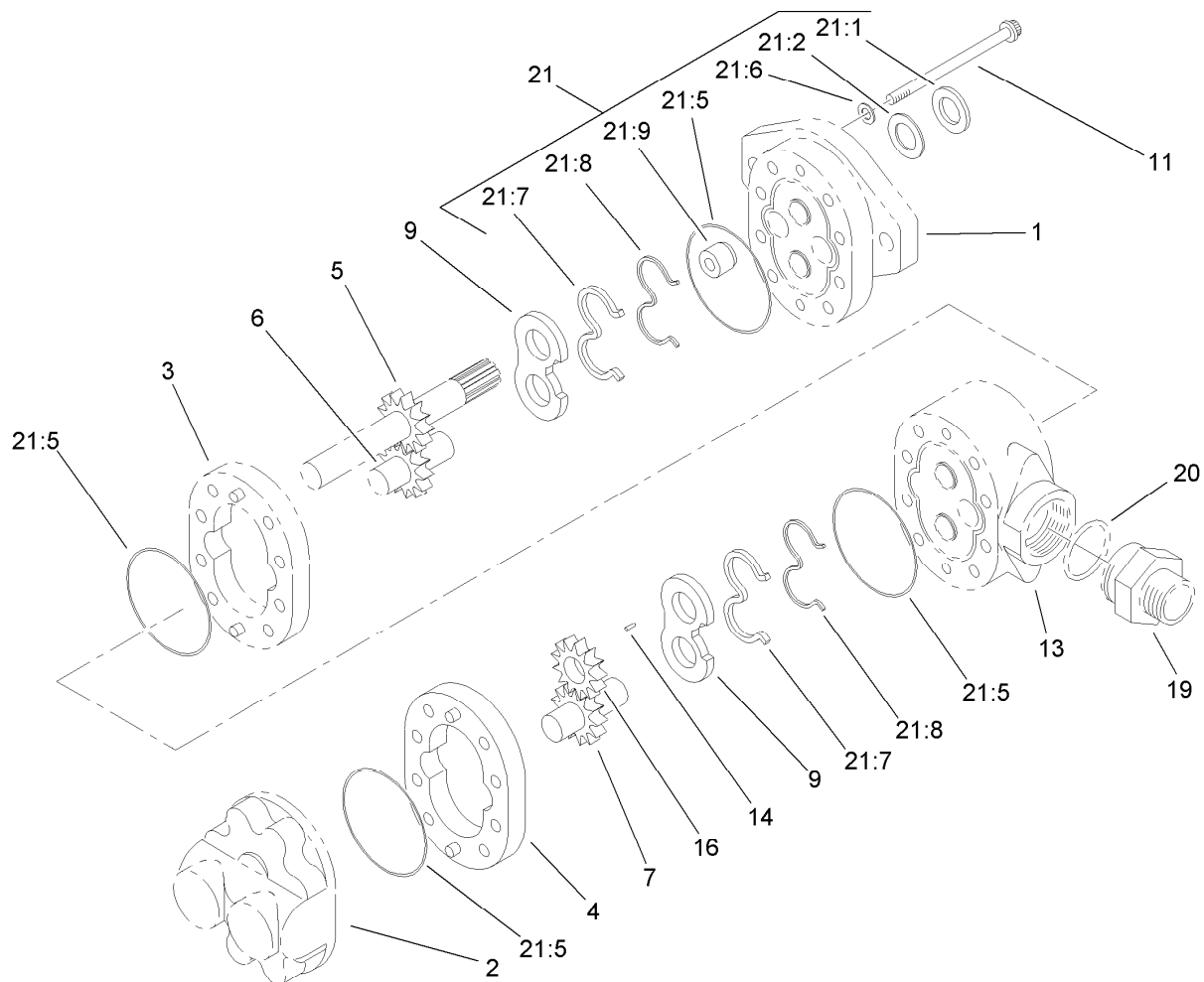


Hydrostat Assembly No. 105-0494

Ref.	Part Number	Qty.	Description
1	94-3645	1	Key
2	94-6359	1	Shaft-Drive
3	104-4046	2	Bearing-Cup
4	98-4640	6	Screw-Cap
5	98-4644	1	Plate-Cover
6	105-9762	6	Washer
7	100-3182	2	Shim Kit
8	98-4639	2	Bearing-Cone
9	94-3646	1	Key
10	100-3175	1	Camplate
11	76-6070	1	Rotating Kit
13	100-3180	1	Plate-Valve
15	76-6150	2	Pin-Dowel
16	105-3813	1	Endcover Sub ASM
16:1	94-6368	1	Bearing
16:2		1	Pin-Roll ●
20	105-3812	2	Valve-Check
21	105-3811	1	Valve-Bypass

Ref.	Part Number	Qty.	Description
22	76-6170	2	Capscrew
23	76-6160	2	Capscrew
25	98-4645	1	Plate-Cover
29	100-3176	1	Housing ASM
29:1	94-6363	1	Bearing
31	252-71	2	Washer-Thrust
32	252-66	1	Bearing-Thrust
33	33-3720	1	Washer
39	98-4635	1	Insert-Plate, Cam
42	74-9040	1	Coupler
43	105-3844	1	Seal Repair Kit
43:1	100-3179	2	O-Ring
43:2	33-4930	1	Gasket-Housing
43:4	32151-29	2	Ring-Retaining
43:5	104-4861	1	Seal-Shaft
43:6	32151-13	1	Ring-Retaining
43:9		1	Ring-Retaining ●
43:10		1	Seal-Shaft ●

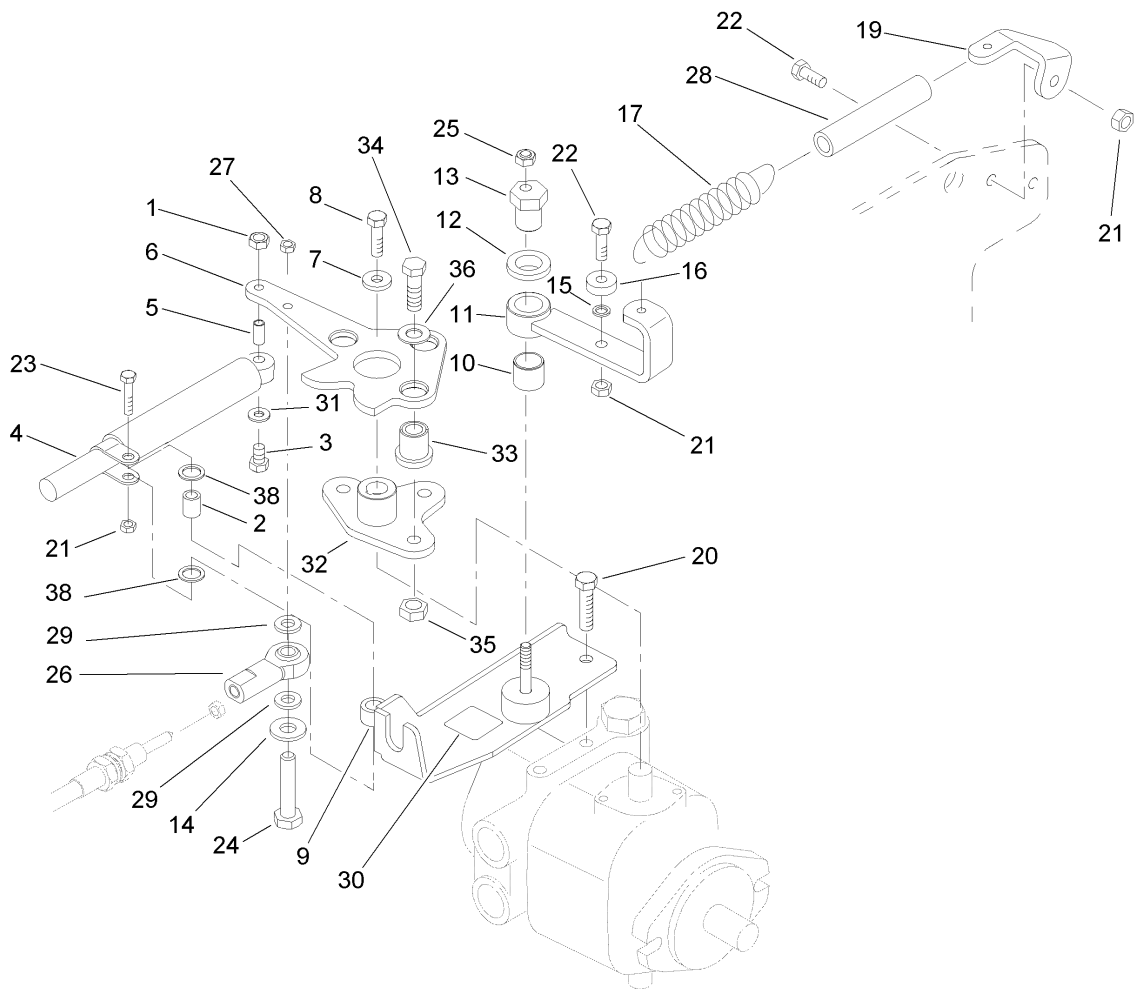
● Not serviced separately



Gear Pump Assembly No. 104-7737

Ref.	Part Number	Qty.	Description
1		1	Plate-Front ●
2		1	Plate-Back ●
3		1	Body ●
4	95-4364	1	Body
5		1	Gear-Drive ●
6		1	Gear-Idler ●
7	95-4366	1	Gear-Idler
9	95-4368	2	Plate-Wear
11	94-8158	8	Screw-Cap
13		1	Plate-Adapter ●
14		1	Key ●
16	95-4373	1	Gear-Fit, Slip
19		1	Fitting-Suction ●
20		1	Ring-Retaining ●
21	94-8161	1	Seal Repair Kit
21:1	49-2640	1	Seal-Shaft
21:2	60-5890	1	Washer
21:5		4	Ring-Retaining ●
21:6	94-8160	4	Washer
21:7	95-4369	2	Seal-Pressure
21:8	95-4367	2	Gasket-Backup
21:9	94-3011	1	Plug

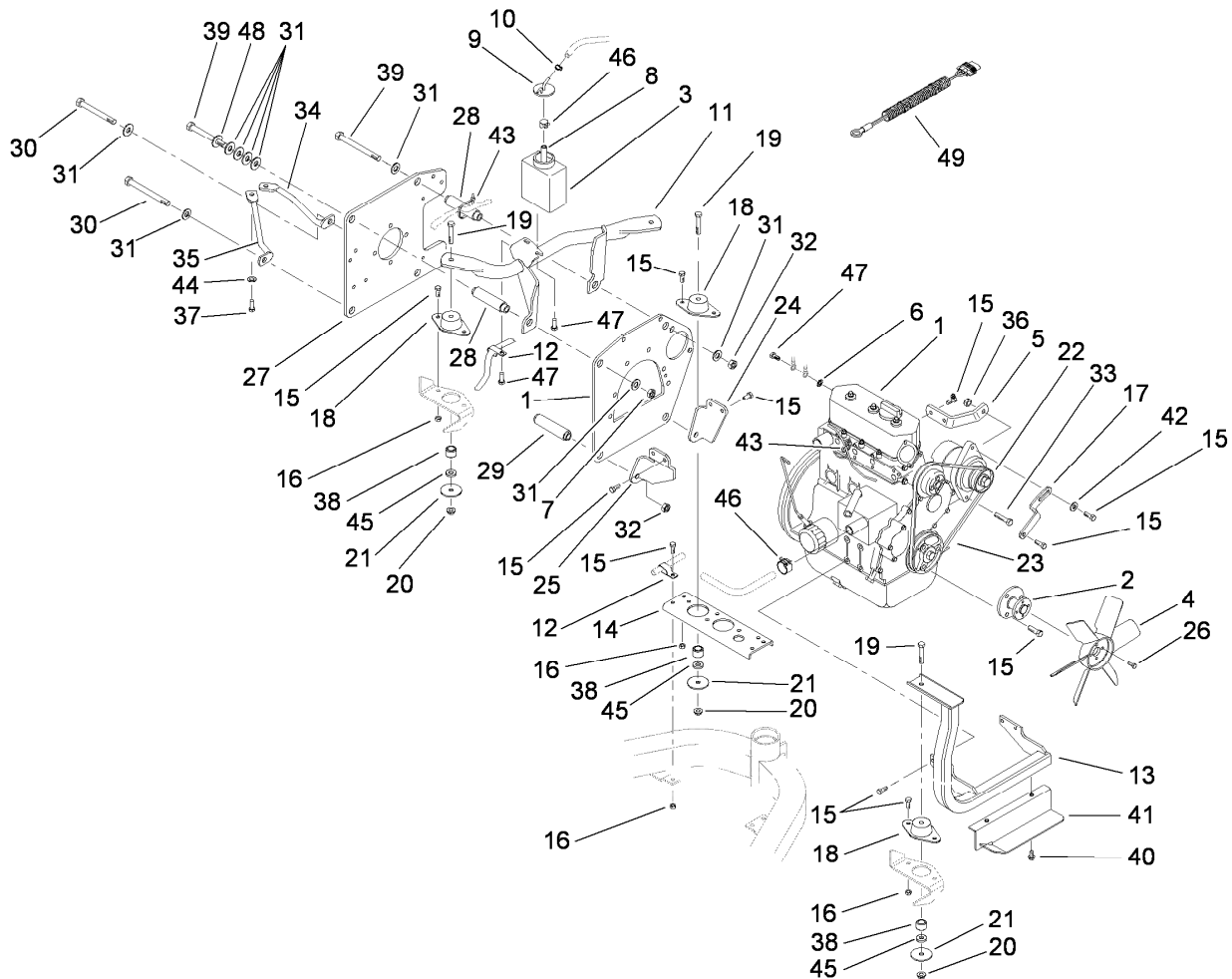
● Not serviced separately



Neutral System Assembly

Ref.	Part Number	Qty.	Description
1	33023-00	1	Nut-Lock
2	94-8197	1	Tube-Pivot
3	33113-035	1	Screw-HH
4	76-8870	1	Damper-Lever
5	94-1312	1	Spacer-Pivot
6	94-3488-03	1	Lever-Pump
7	88-7200	1	Washer-Flat
8	3210-6	1	Screw-HH
9	100-9846	1	Support-Cable
10	94-9609	1	Bushing-Straight
11	94-4527	1	Arm-Neutral
12	3-6498	1	Washer-Thrust
13	93-2111	1	Stud-Traction
14	3256-22	1	Washer-Flat
15	75-5470	1	Spacer-Bearing
16	251-259	1	Bearing-Ball
17	99-4254	1	Spring-Extension
19	99-4276	1	Bracket-Spring

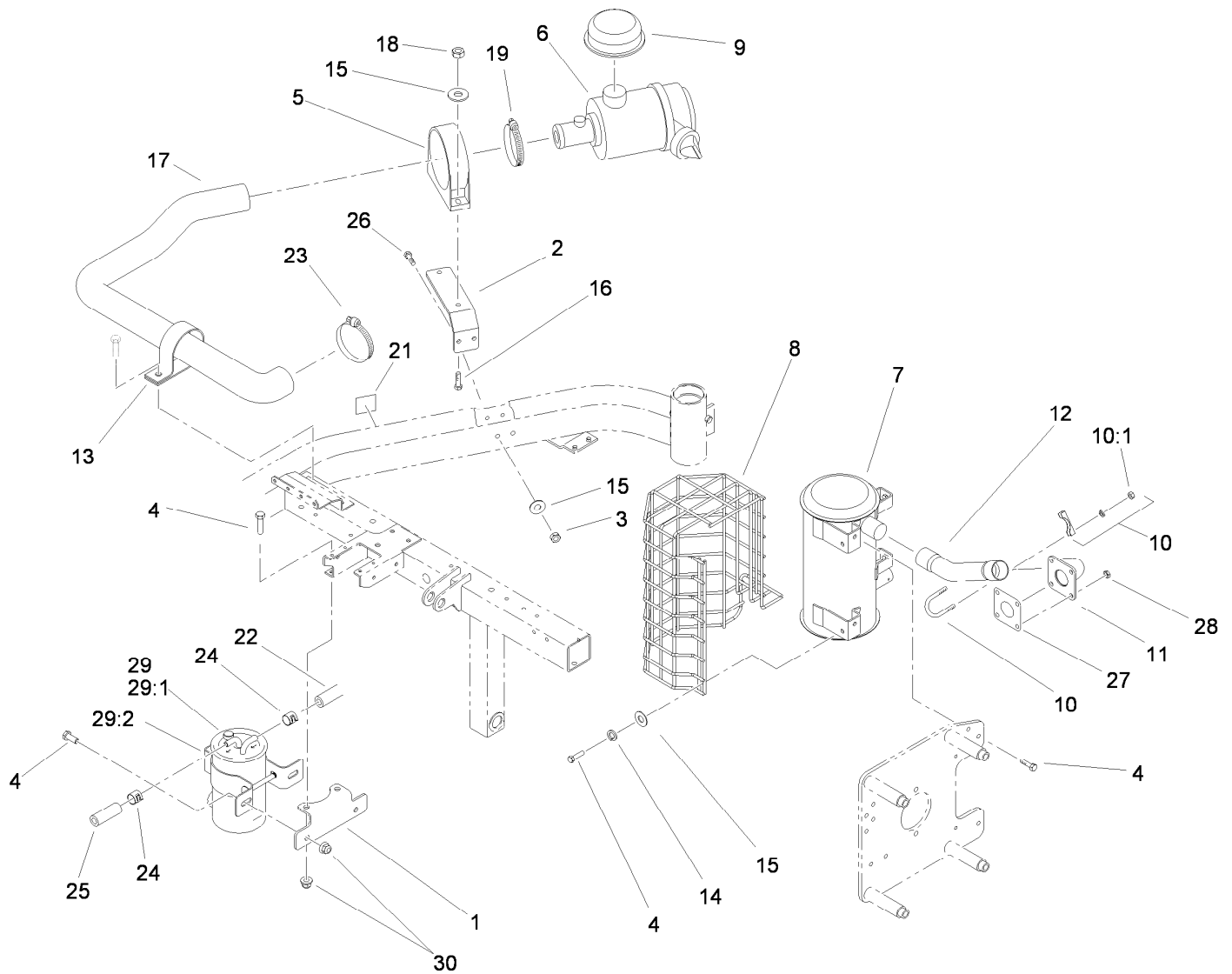
Ref.	Part Number	Qty.	Description
20	323-4	2	Screw-HH
21	33024-00	3	Nut-Lock, NI
22	33114-025	2	Screw-HH
23	33114-030	1	Screw-HH
24	321-8	1	Screw-HH
25	3296-29	1	Nut-Lock, NI
26	2411-41	1	Rod End-Ball Joint
27	3296-42	1	Nut-Lock, NI
28	99-4251	1	Hose-Dampener
29	33093-00	2	Washer-Flat
30	93-9051	1	Decal-Bolt, Eccentric
31	3256-22	1	Washer-Flat
32	94-3486	1	Plate
33	63-9750	3	Mount
34	33115-035	3	Screw-HH
35	33025-00	3	Nut-Lock, NI
36	2844	3	Washer
38	94-8196	2	Washer-Nylon



Engine Installation Assembly

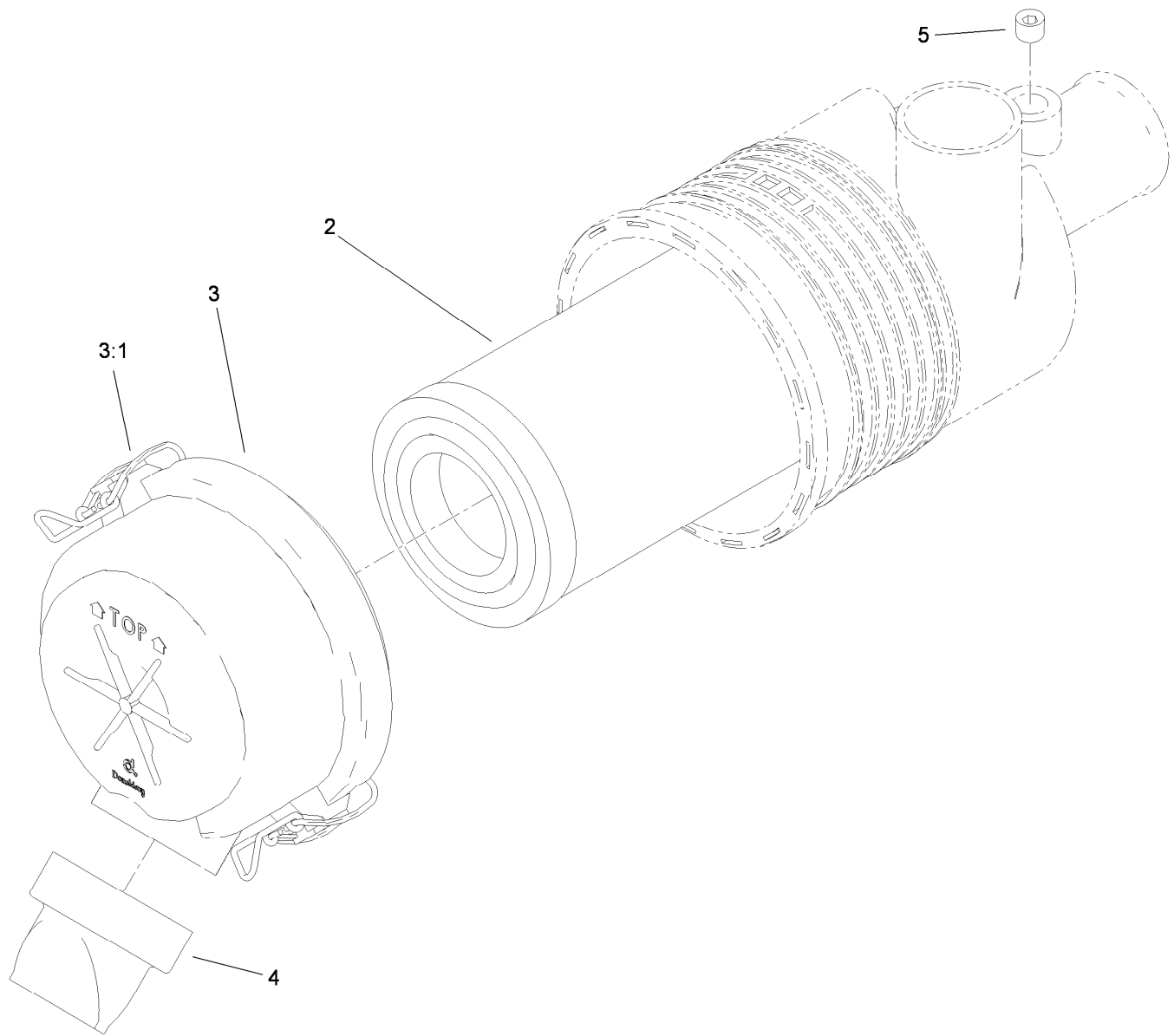
Ref.	Part Number	Qty.	Description
1	117-9532	1	Engine-Diesel
2	99-1495	1	Adapter-Fan
3	93-2049	1	Tank-Overflow
4	93-2090	1	Fan-Engine
5	93-2445	1	Bracket-Alternator, Upper
6	3254-2	1	Washer-Lock, Internal
7	51-2070	1	Nut
8	108-3283	1	Hose-Fuel
9	93-2048	1	Cap-Tank, Overflow
10	2412-108	1	Clamp-Worm
11	100-3190-03	1	Engine Mount ASM
12	92-5753	2	Clamp-Hose
13	99-1473-03	1	Mount-Engine, Front
14	93-2020-01	1	Bracket-Support
15	33114-020	26	Screw-HH
16	33024-00	4	Nut-Lock, NI
17	93-2446	1	Bracket-Alternator, Lower
18	83-1030	3	Mount-Engine
19	323-11	3	Screw-HH
20	3290-357	3	Nut-HHF, Whiz
21	83-1040	3	Washer-Flat
22	99-9209	1	Alternator
23	99-8153	1	Belt-V
24	99-4189-03	1	Bracket-Engine, LH
25	99-4188-03	1	Bracket-Engine, RH

Ref.	Part Number	Qty.	Description
26	33113-016	4	Screw-HH
27	99-4190-03	1	Plate-Pump
28	93-2588	2	Spacer-Upper
29	93-2174	2	Spacer
30	33116-130	2	Screw-HH
31	87-7270	9	Washer-Thrust
32	33026-00	3	Nut-Hex
33	33115-050	1	Screw-HH
34	99-4240	1	Brace-Wireform, LH
35	99-4238	1	Brace-Wireform, RH
36	33025-00	1	Nut-Lock, NI
37	323-4	2	Screw-HH
38	94-4538	3	Spacer-Mount
39	33116-120	2	Screw-HH
40	32104-32	2	Screw-HWH
41	94-8156-03	1	Deflector-Fan
42	3256-3	1	Washer-Flat
43	3290-378	2	Tie-Cable
44	3256-24	2	Washer-Flat
45	66-6480	3	Washer
46	92-2379	2	Clamp-Hose
47	33114-016	3	Screw-HH
48	73-0040	1	Washer-Thrust
49	99-3441	1	Harness-Wire, Fusible Link



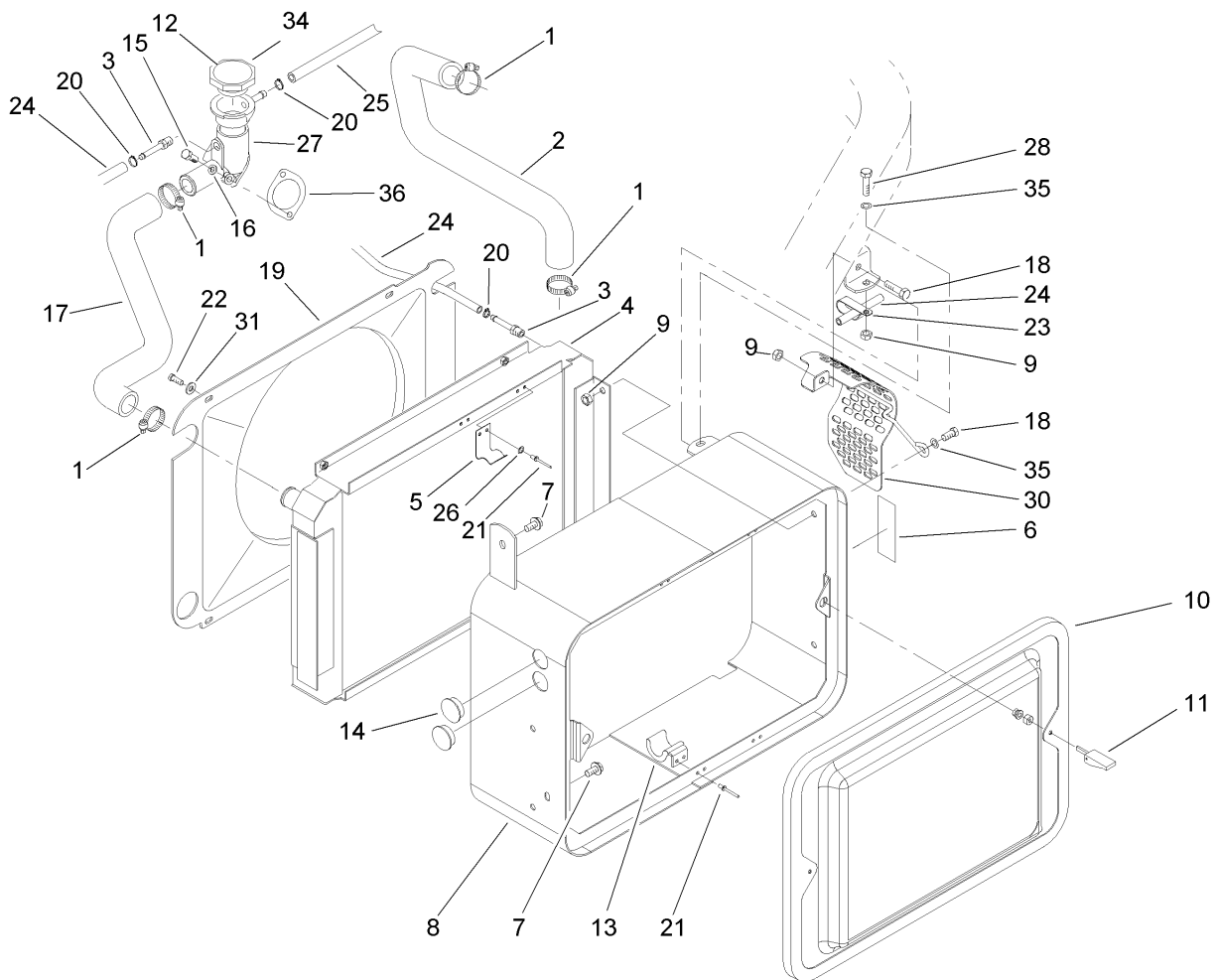
Air Cleaner and Exhaust Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	112-9178	1	Bracket-Filter	16	322-16	2	Screw-HH
2	99-4203-03	1	Bracket-Cleaner, Air	17	99-4204	1	Hose-Cleaner, Air
3	33024-00	2	Nut-Lock, NI	18	3296-29	2	Nut-Lock, NI
4	33114-020	10	Screw-HH	19	2412-92	1	Clamp-Hose
5	95-5806	1	Bracket-Mounting, Air Cleaner	21	93-7275	1	Decal-Fluid, Starting
6	95-5805	1	Air Cleaner ASM	22	110-4112	1	Hose-Fuel
7	119-4129	1	Muffler	23	2412-130	1	Clamp-Hose
8	108-6485	1	Guard-Muffler	24	92-2379	2	Clamp-Hose
9	46-7510	1	Hood-Inlet, Air	25	110-4007	1	Hose-Fuel
10	2112-9	2	Clamp	26	33114-080	2	Screw-HH
10:1	32128-20	2	Nut-HF	27	99-9179	1	Gasket-Exhaust
11	119-4130	1	Manifold-Exhaust	28	99-9176	4	Nut-Hex
12	119-4131	1	Pipe-Exhaust	29	110-8814	1	Fuel Filter ASM
13	2412-107	1	Clamp-R	29:1	112-9188	1	Element-Filter, Fuel/Water
14	3253-4	4	Washer-Lock	29:2	112-9189	1	Bracket-Filter
15	3256-23	4	Washer-Plain	30	104-3082	4	Nut-Lock, HHF



Air Cleaner Assembly No. 95-5805

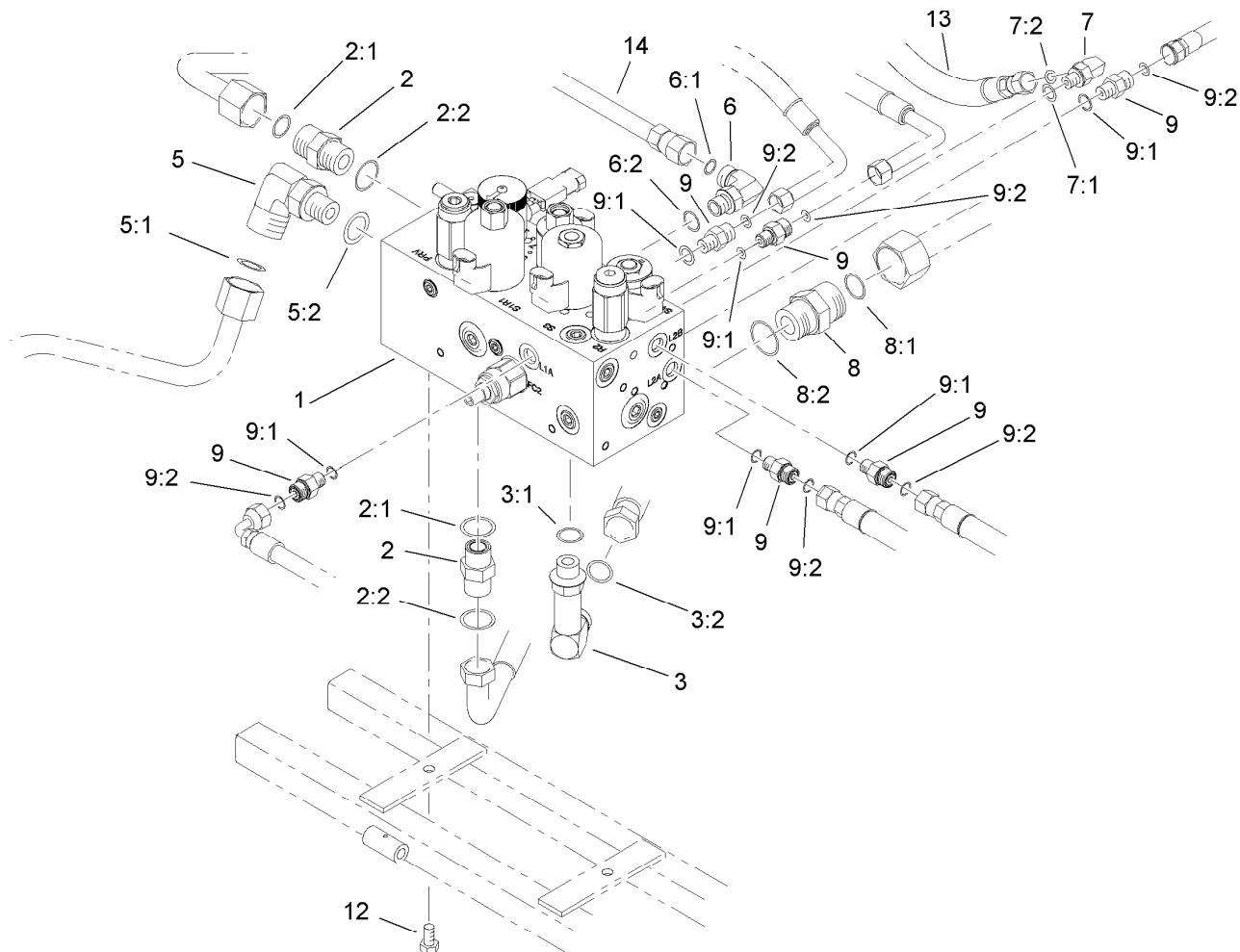
Ref.	Part Number	Qty.	Description
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Radiator Assembly

Ref.	Part Number	Qty.	Description
1	2412-34	4	Clamp-Hose
2	99-1469	1	Hose-Radiator
3	304-73	2	Fitting-Straight
4	99-8193	1	Radiator
5	104-7736	1	Bracket-Cooler, Upper
6	93-6681	1	Decal-Warning, Fan
7	32104-32	2	Screw-HWH
8	106-9056-01	1	Support-Radiator
9	33024-00	6	Nut-Lock, NI
10	100-3172-03	1	Screen ASM
11	74-5950	2	Latch-Swell
12	106-5976	1	Decal-Warning
13	93-2424	2	Bracket-Cooler, Lower
14	94-4528	2	Plug
15	33113-025	2	Screw-HH
16	3253-3	2	Washer-Lock
17	93-2018	1	Hose-Radiator

Ref.	Part Number	Qty.	Description
18	33114-020	5	Screw-HH
19	93-2320	1	Shroud-Fan
20	2412-108	3	Clamp-Worm
21	3269-15	6	Rivet-Pop
22	33113-016	4	Screw-HH
23	92-5753	1	Clamp-Hose
24	109-0281	1	Hose-Fuel
25	110-4112	1	Hose-Fuel
26	3269-6	2	Washer-Flat
27	93-2448	1	Thermostat Housing ASM
28	33114-025	1	Screw-HH
30	100-3164-03	1	Guard-Alternator
31	3256-22	4	Washer-Flat
34	66-3240	1	Cap-Radiator
35	3256-23	2	Washer-Plain
36	99-9163	1	Gasket-Housing, Outlet

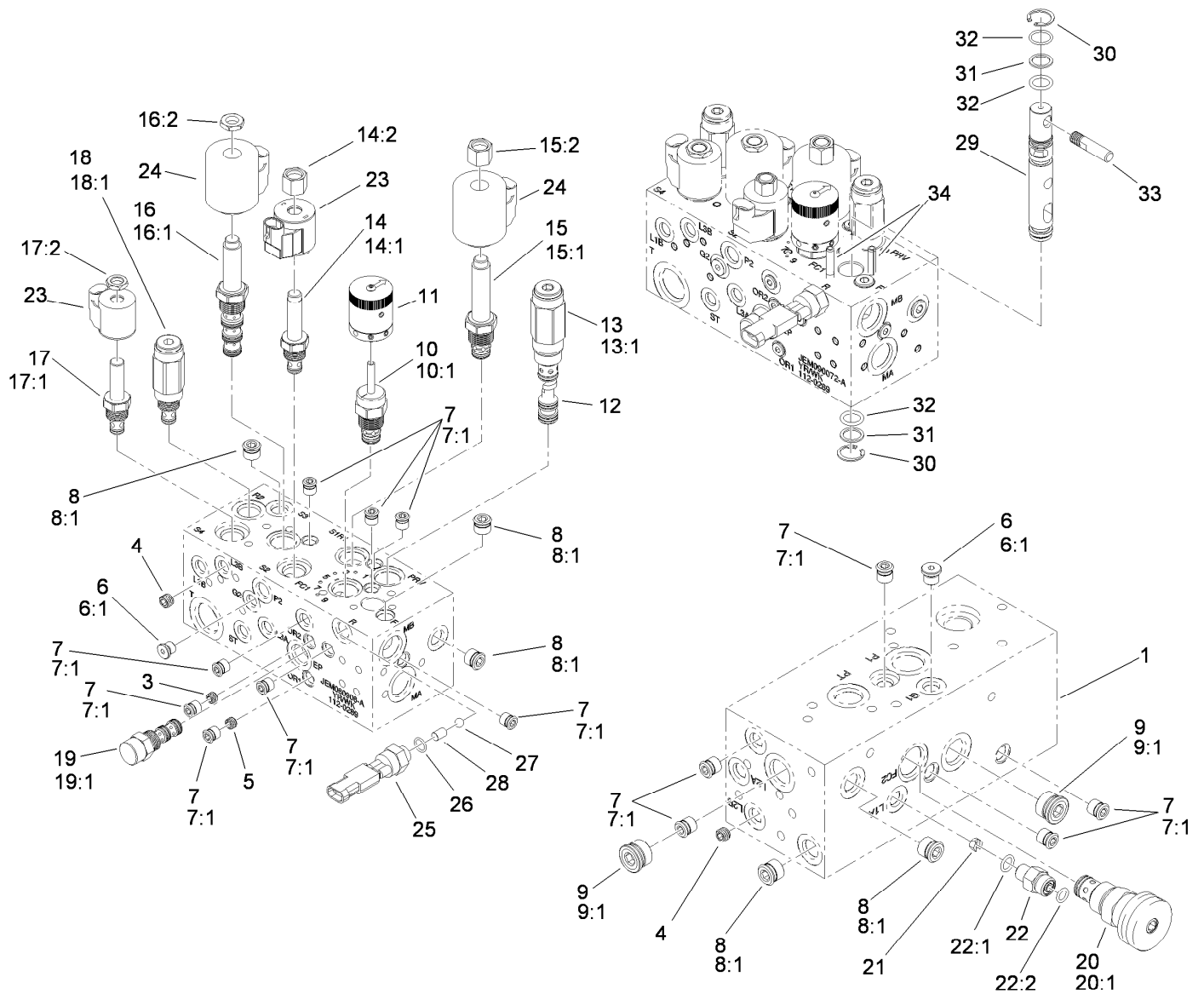


Manifold Block Installation Assembly

Ref.	Part Number	Qty.	Description
1	112-9197	1	Manifold ASM W/Backlap
2	340-7	2	Fitting-Straight
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	99-6160	1	Fitting-Elbow, 90 Long
3:1	237-30	1	O-Ring
3:2	237-79	1	O-Ring
5	340-17	1	Fitting-Elbow, 90 DEG
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	340-77	1	Fitting-Elbow, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring

Ref.	Part Number	Qty.	Description
7	340-97	1	Fitting-Elbow, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-78	1	O-Ring
8	340-9	1	Fitting-STR
8:1	237-58	1	O-Ring
8:2	237-81	1	O-Ring
9	340-92	5	Fitting-Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
12	33114-016	2	Screw-HH
13	112-0274	1	Hose-HYD
13:3	237-42	1	O-Ring ●
14	105-9790	1	Hose ASM

● Not illustrated



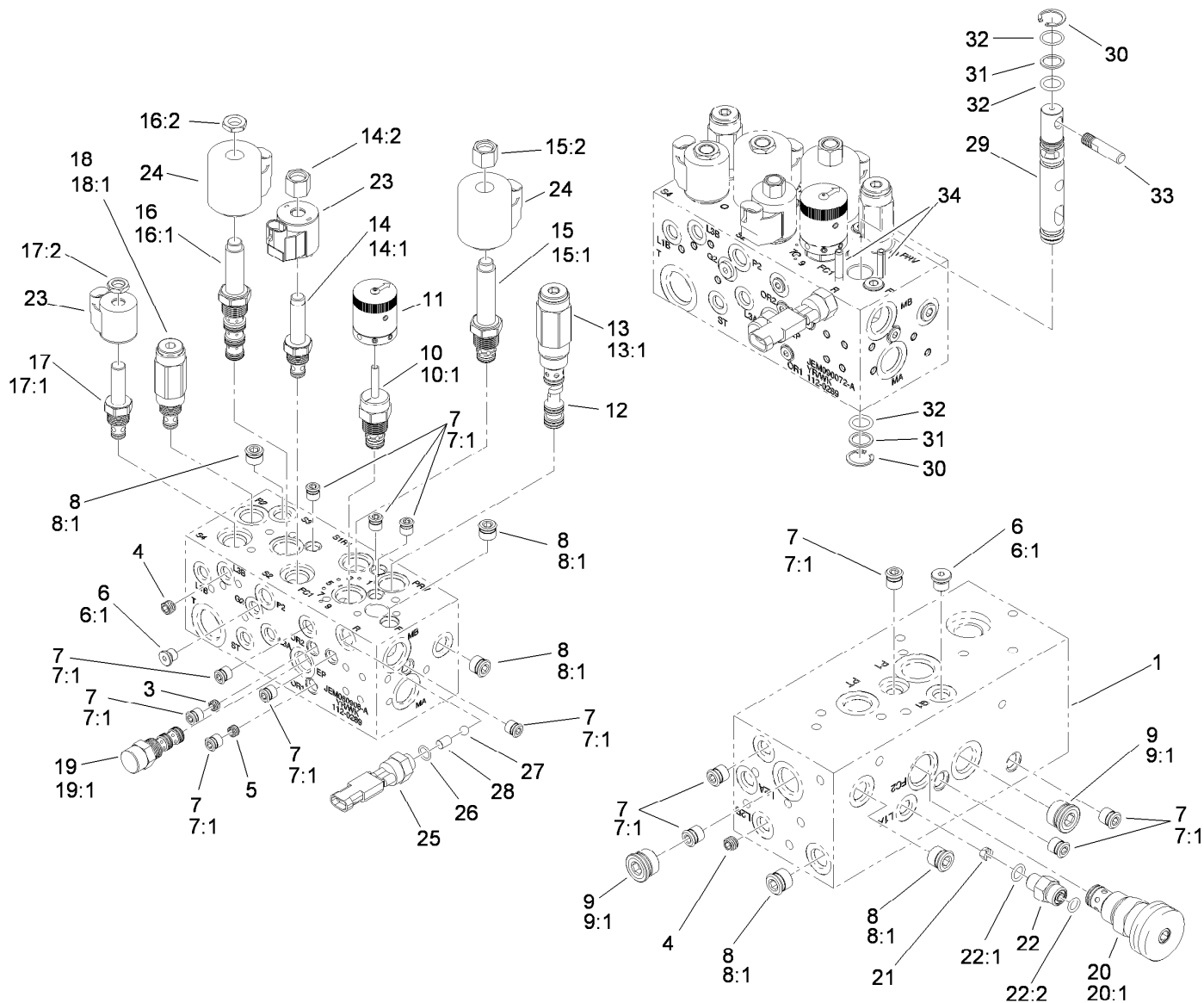
Hydraulic Manifold Assembly No. 112-9197

Ref.	Part Number	Qty.	Description
1		1	Body-Manifold ■
3	112-9202	1	Orifice-Flow, Control (.060)
4	110-8887	2	Plug-Orifice (0.055)
5	112-9203	1	Orifice-Control, Flow (.013)
6	353-990	2	Plug ASM
6:1	237-78	1	O-Ring
7	106-1025	13	Plug-HYD
7:1	237-78	1	O-Ring
8	106-1026	5	Plug-HYD
8:1	237-42	1	O-Ring
9	106-1027	2	Plug
9:1	237-79	1	O-Ring
10	110-8769	1	Valve-Control, Manual Flow
10:1	110-2633	1	Seal Kit ●
11	110-8767	1	Rotary Handle ASM
12	119-3506	1	Piston-Pilot
13	112-9205	1	Valve-Relief
13:1	105-9159	1	Seal Kit

Ref.	Part Number	Qty.	Description
14	107-7517	1	Valve-Solenoid
14:1	105-9156	1	Seal Kit
14:2	107-7812	1	Nut-Solenoid
15	110-8768	1	Valve-Relief, Solenoid (3000 PSI)
15:1	110-6316	1	Seal Kit ●
15:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
16	110-8906	1	Valve-Solenoid
16:1	110-8908	1	Spool Valve Seal Kit
16:2	110-2634	1	Nut-Coil
17	112-9206	1	Solenoid Valve ASM
17:1	105-9156	1	Seal Kit
17:2	110-2634	1	Nut-Coil
18	112-9207	1	Valve-Relief
18:1	105-9156	1	Seal Kit
19	110-8988	1	Element-Logic
19:1	110-8773	1	Seal Kit
20	119-4136	1	Control-Flow

● Not illustrated

■ Not serviced separately



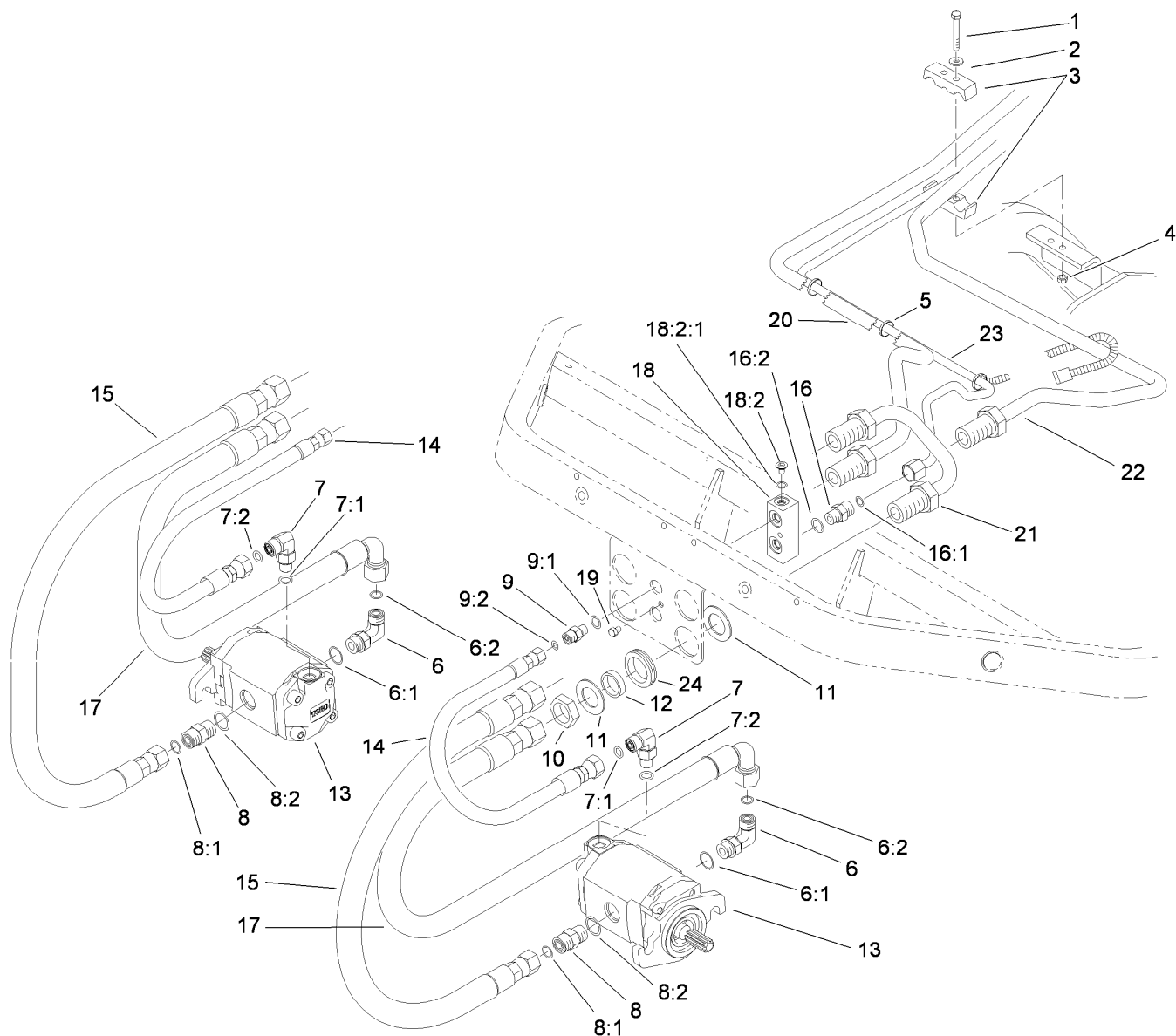
Hydraulic Manifold Assembly No. 112-9197 (continued)

Ref.	Part Number	Qty.	Description
20:1	110-2633	1	Seal Kit
21	110-8903	1	Orifice-Control, Flow (0.055)
22	340-92	1	Fitting-Straight
22:1	237-78	1	O-Ring
22:2	237-21	1	O-Ring
23	105-9333	2	Coil-12Vdc
24	110-2630	2	Coil-12Vdc
25	72-4320	1	Switch-Ball
26	110-8757	1	O-Ring

Ref.	Part Number	Qty.	Description
27	110-8762	1	Ball-Chrome
28	112-6533	1	Pin-Dowel
29	112-6536	1	Spool
30	112-6532	2	Ring-Retaining
31	112-6534	2	Ring-Back Up
32	117-4606	3	O-Ring
33	110-8758	1	Handle-Spool
34	112-6531	2	Pin-Spring

● Not illustrated

■ Not serviced separately

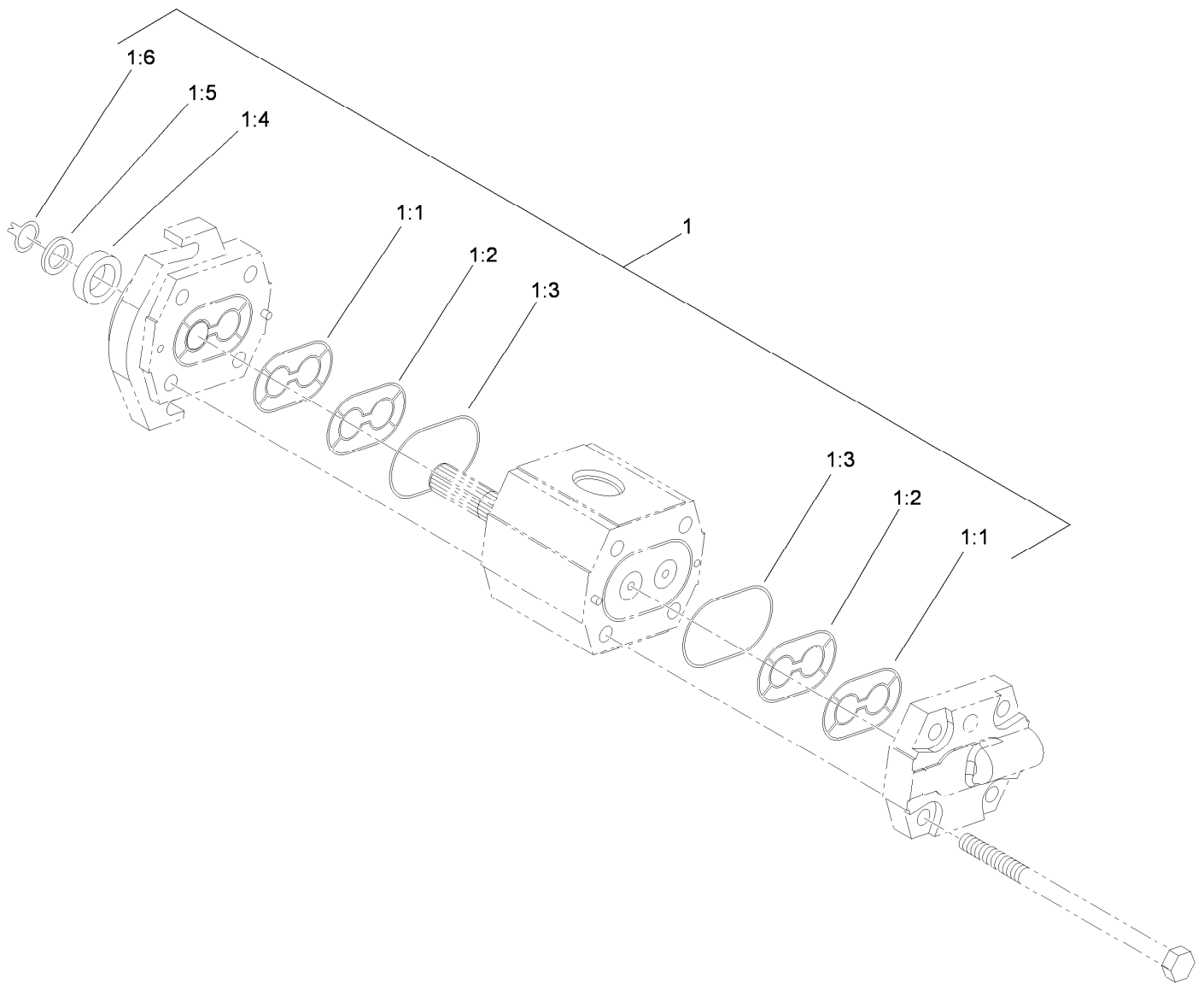


Front Bulkhead and Reel Motor Assembly

Ref.	Part Number	Qty.	Description
1	33113-050	2	Screw-HH
2	3256-1	2	Washer-Flat
3	93-2509	2	Clamp-Tube
4	33023-00	2	Nut-Lock
5	3290-378	3	Tie-Cable
6	340-98	2	Fitting-Elbow, 90 DEG
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-132	2	Fitting-Elbow, 90 DEG
7:1	237-78	1	O-Ring
7:2	237-21	1	O-Ring
8	340-4	2	Fitting-Straight
8:1	237-30	1	O-Ring
8:2	237-79	1	O-Ring
9	340-92	2	Fitting-Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	340-74	2	Nut-Lock, Bulkhead
11	69-9010	4	Washer

Ref.	Part Number	Qty.	Description
12	69-9000	2	Spacer
13	112-9200	2	HYD Motor ASM
14	106-9674	2	Hose-HYD
15	95-2908	2	Hose-HYD
16	340-2	1	Fitting-Straight
16:1	237-22	1	O-Ring
16:2	237-42	1	O-Ring
17	95-2909	2	Hose-HYD
18	93-2238	1	T-Block
18:2	353-991	1	Plug-Hex, Hollow
18:2:1	237-156	1	O-Ring
19	33113-008	1	Screw-HH
20	94-1318	1	Tube-HYD
21	94-1319	1	Tube-HYD
22	94-1320	1	Tube-HYD
22:1	237-65	1	O-Ring ●
23	94-1321	1	Tube-HYD
23:1	237-22	2	O-Ring ●
24	240-3	2	Grommet-Rubber

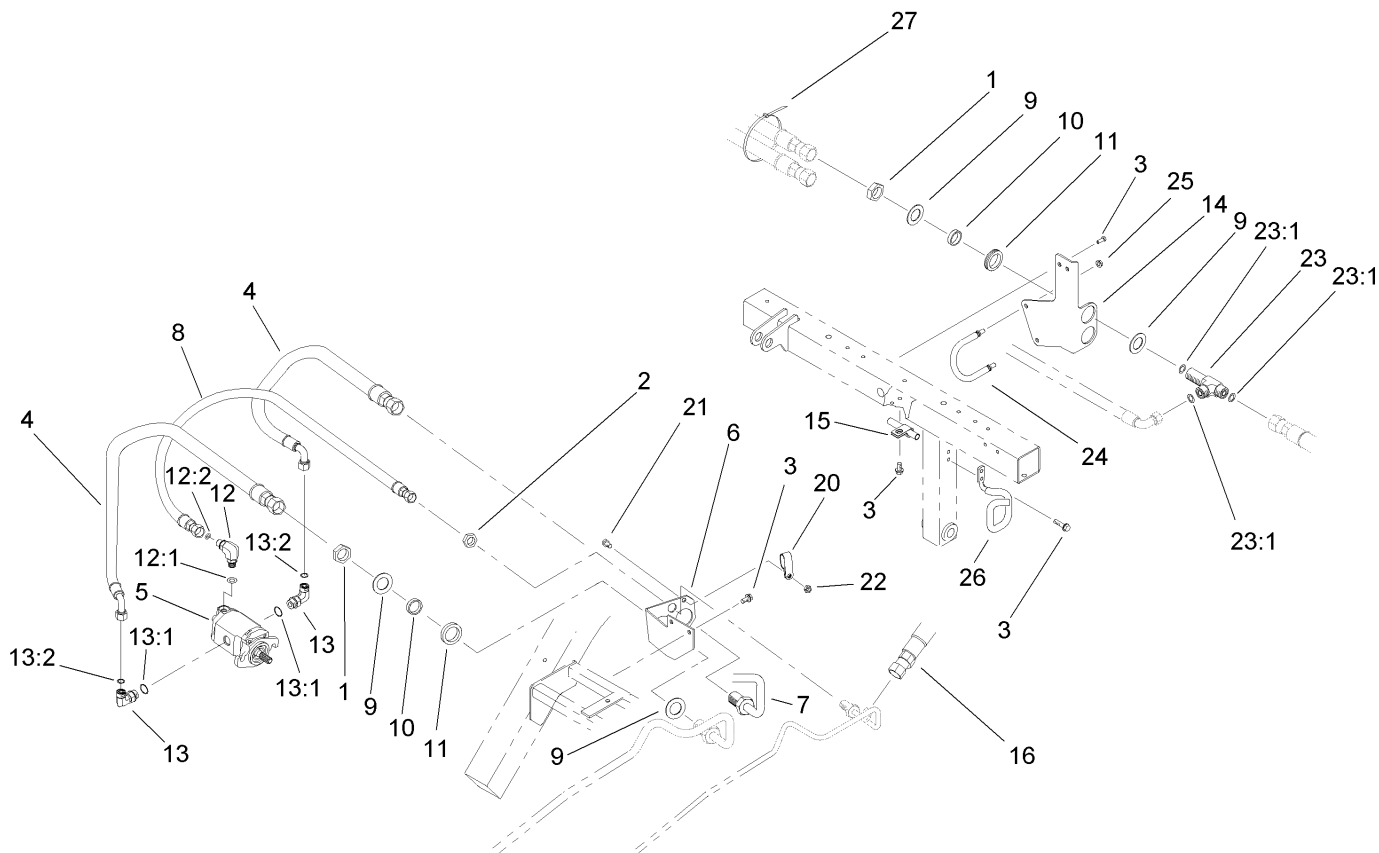
● Not illustrated



Hydraulic Motor Assembly No. 112-9200

Ref.	Part Number	Qty.	Description
1	112-9184	1	Seal Kit
1:1		2	Seal-Extrusion, Anti ●
1:2		2	Seal-Pressure ●
1:3		2	Ring-Retaining ●
1:4		1	Seal-Shaft ●
1:5		1	Washer-Backup ●
1:6		1	Ring-Snap ●

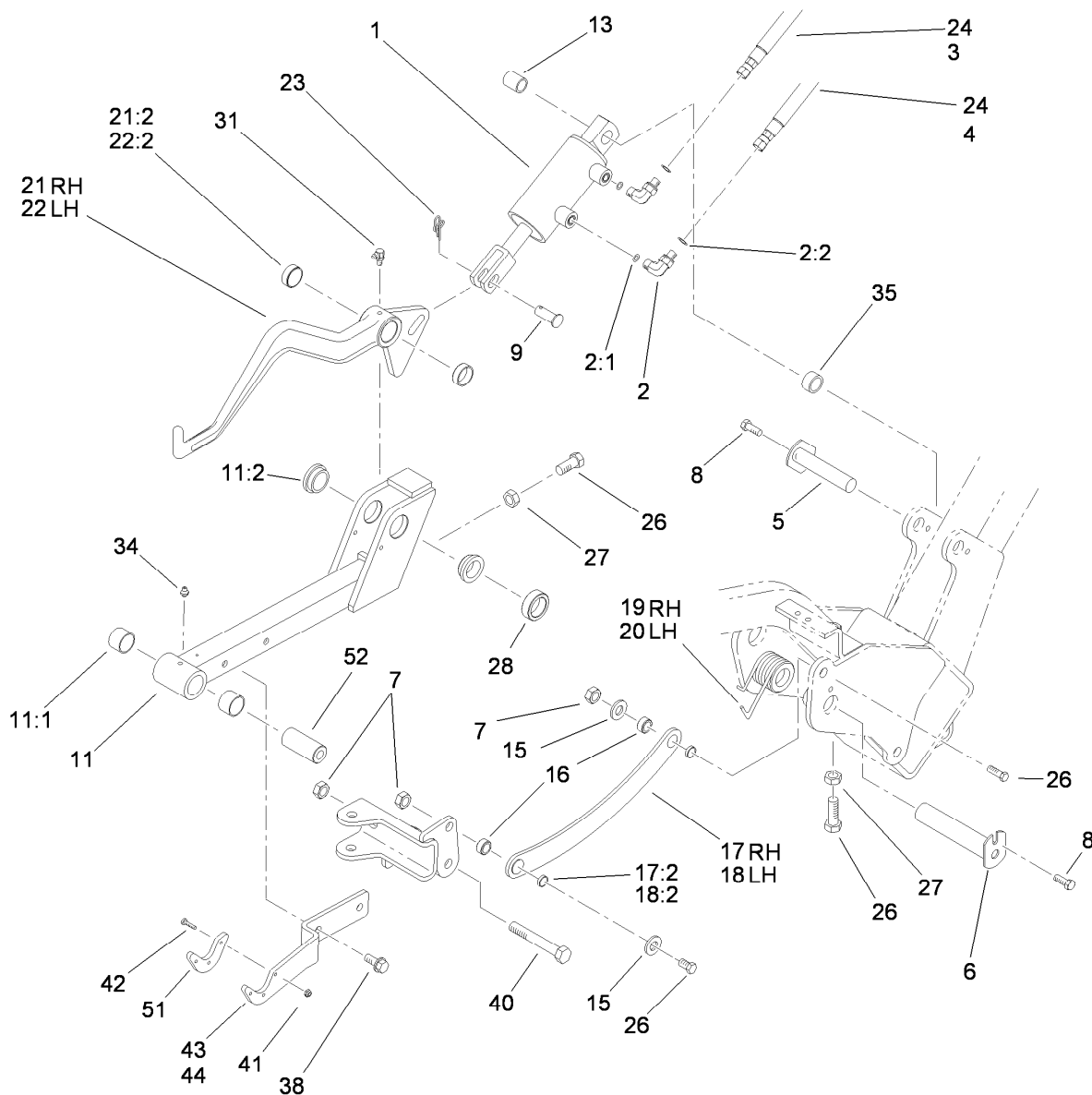
● Not serviced separately



Rear Bulkhead and Reel Motor Assembly

Ref.	Part Number	Qty.	Description
1	340-74	4	Nut-Lock, Bulkhead
2	340-70	1	Nut-Lock
3	32104-32	7	Screw-HWH
4	95-2907	2	Hose ASM
5	112-9200	1	HYD Motor ASM
6	94-1316	1	Bracket-Bulkhead
7	94-1317	1	Tube-HYD
8	105-5405	1	Hose-HYD
9	69-9010	8	Washer
10	69-9000	4	Spacer
11	240-3	4	Grommet-Rubber
12	340-132	1	Fitting-Elbow, 90 DEG
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
13	340-98	2	Fitting-Elbow, 90 DEG

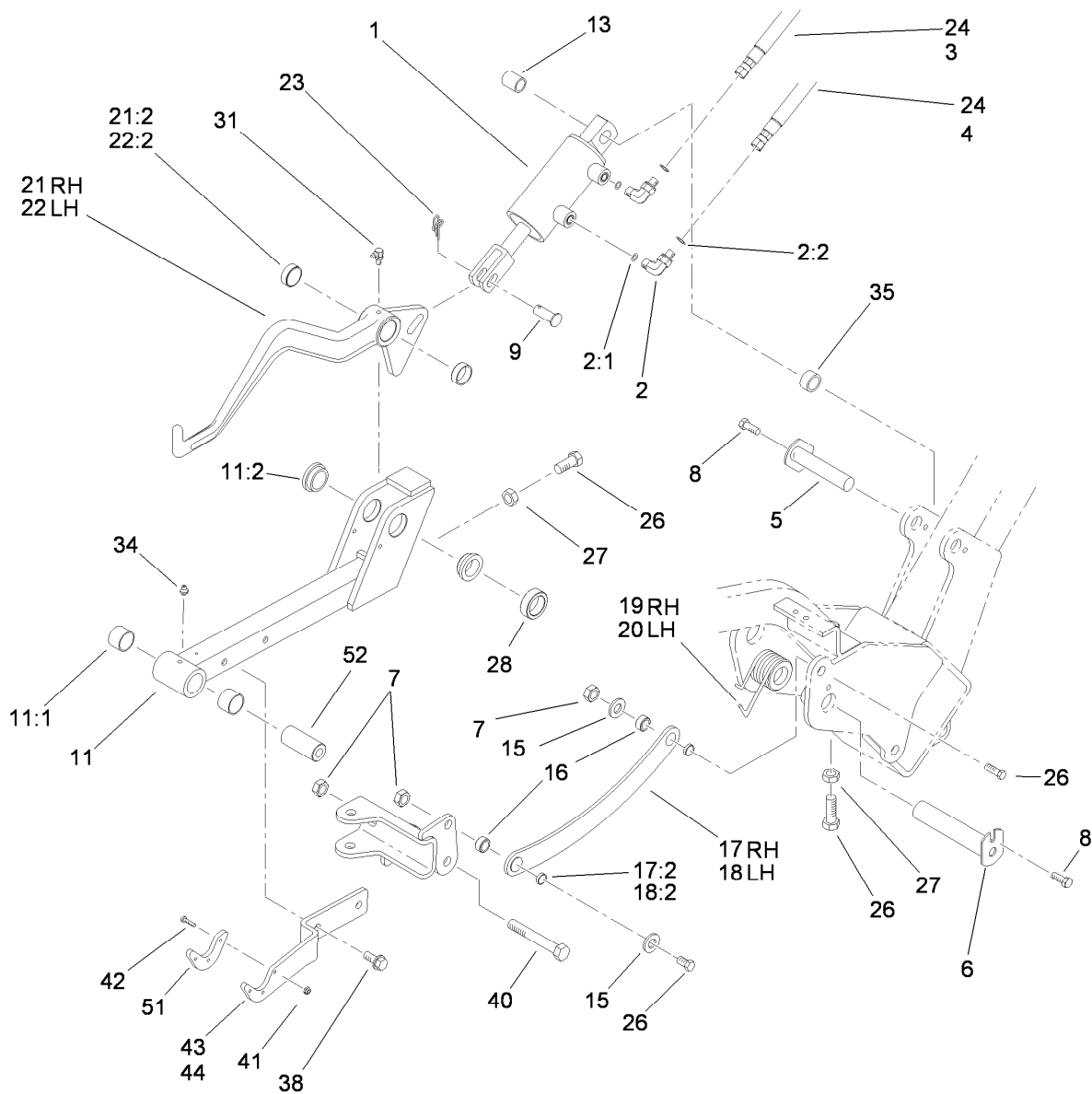
Ref.	Part Number	Qty.	Description
13:1	237-79	1	O-Ring
13:2	237-30	1	O-Ring
14	99-4222-03	1	Bracket-Hose
15	2412-4	1	Clamp-R
16	110-4008	1	HYD Hose ASM
20	2412-137	1	Clamp-R, Double
21	33114-020	1	Screw-HH
22	33024-00	1	Nut-Lock, NI
23	94-5350	2	Fitting-Tee
23:1	237-65	3	O-Ring
24	99-4221	1	Retainer-Hose
25	3296-29	2	Nut-Lock, NI
26	94-5352	1	Retainer-Hose
27	3290-378	1	Tie-Cable



Left Hand and Right Hand Lift Arm Assembly

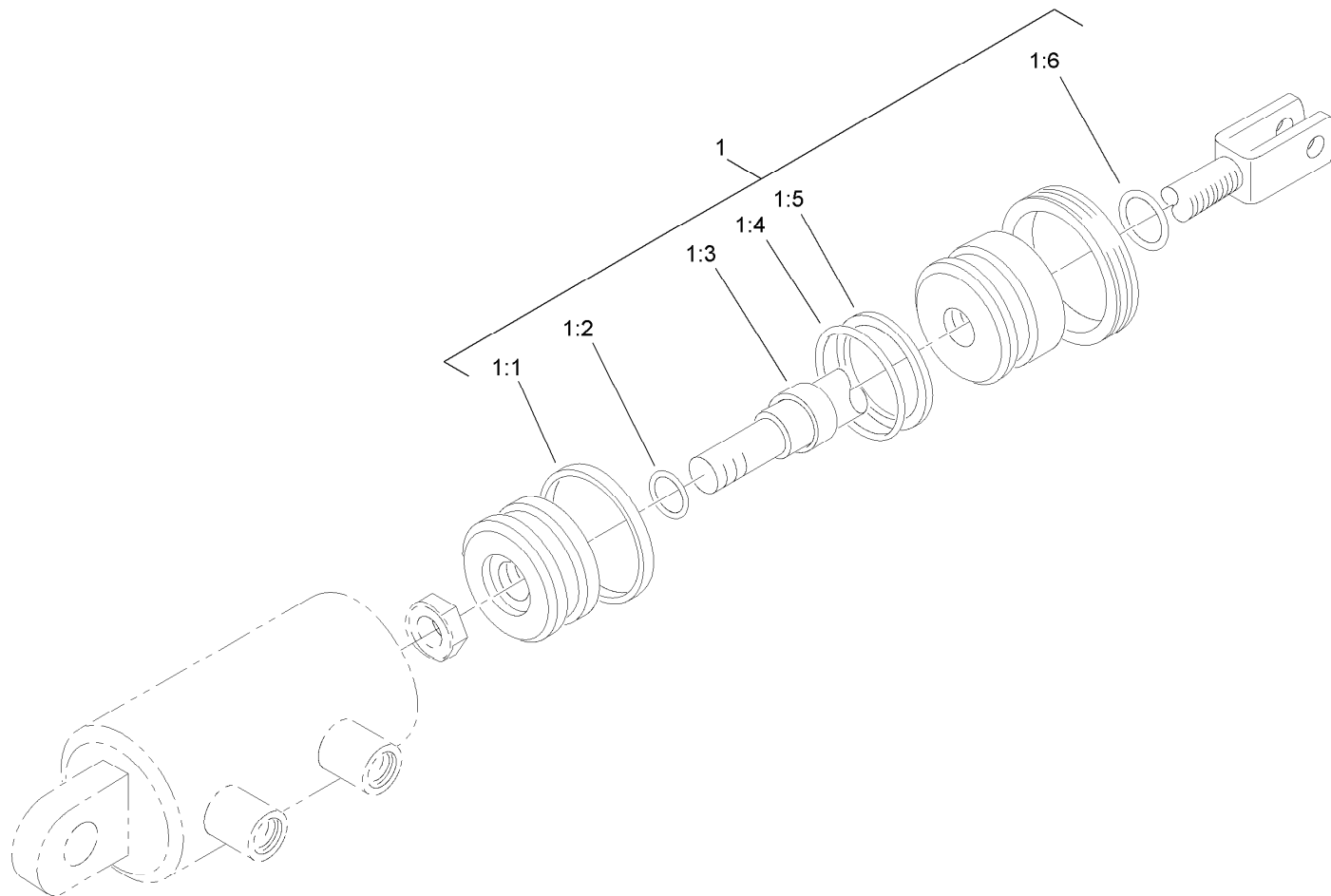
Ref.	Part Number	Qty.	Description
1	105-3821	2	HYD Cylinder ASM
2	340-132	4	Fitting-Elbow, 90 DEG
2:1	237-78	1	O-Ring
2:2	237-21	1	O-Ring
3	108-6505	1	Hose-HYD
4	112-9193	1	Hose-HYD
5	10-6060	2	Pin-Pivot
6	94-8198	2	Pin
7	3296-25	6	Nut-Lock, NI
8	32104-32	4	Screw-HWH
9	283-8	2	Pin-Clevis
11	99-4115	2	Front Lift Frame ASM
11:1	98-4166	2	Bushing
11:2	94-9610	2	Bushing-Flange
13	105-3838	2	Spacer
15	3256-26	4	Washer-Flat
16	99-4201	4	Tube-Spacer
17	99-4258	1	RH Link Bracket ASM
17:2	99-4243	2	Bushing-Flange
18	99-4260	1	LH Link Bracket ASM
18:2	99-4243	2	Bushing-Flange

Ref.	Part Number	Qty.	Description
19	105-3809	1	Spring-Torsion, RH
20	105-3818	1	Spring-Torsion, LH
21	99-4213	1	RH Lift Arm ASM
21:2	92-8995	2	Bushing
22	99-4212	1	LH Lift Arm ASM
22:2	92-8995	2	Bushing
23	112-1491	2	Pin-Cotter
24	93-2254	2	HYD Hose ASM
26	325-7	8	Screw-HH
27	3218-5	3	Nut-Jam
28	93-2384	2	Spacer-Carrier
31	302-60	2	Fitting-Grease
34	302-5	2	Fitting-Grease
35	74-3730	2	Spacer-Spindle, Rear
38	32144-69	4	Screw-HWHTF
40	325-14	2	Screw-HH
41	3296-54	6	Nut-Lock
42	3250-17	6	Screw-PPH
43	99-4111-01	1	Plate-Transport, 1 And 3
44	99-4112-01	1	Plate-Transport, #2



Left Hand and Right Hand Lift Arm Assembly (continued)

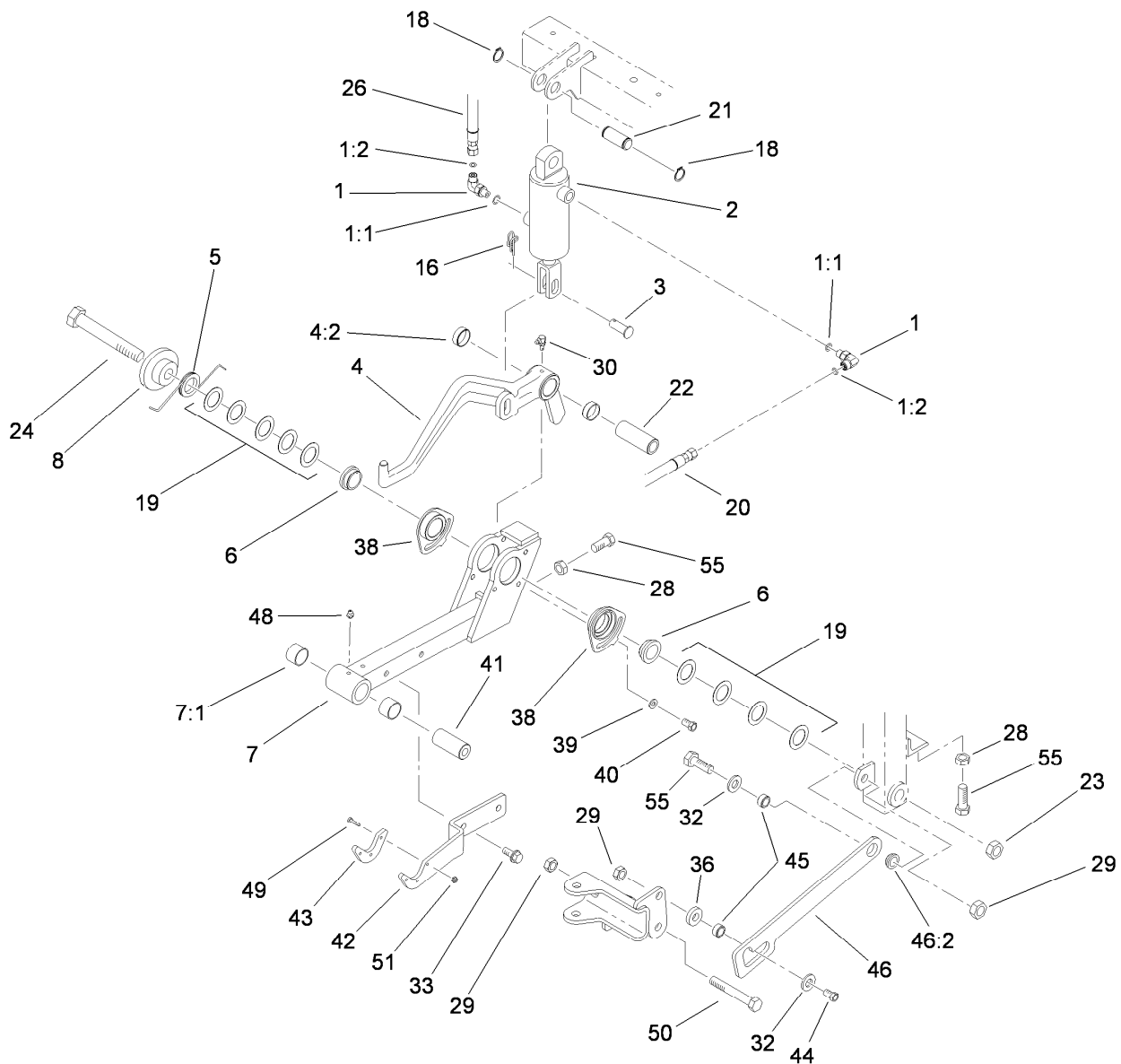
Ref.	Part Number	Qty.	Description
51	99-4225	2	Pad-Wear
52	99-4072	2	Spacer



Hydraulic Cylinder Assembly No. 105-3821

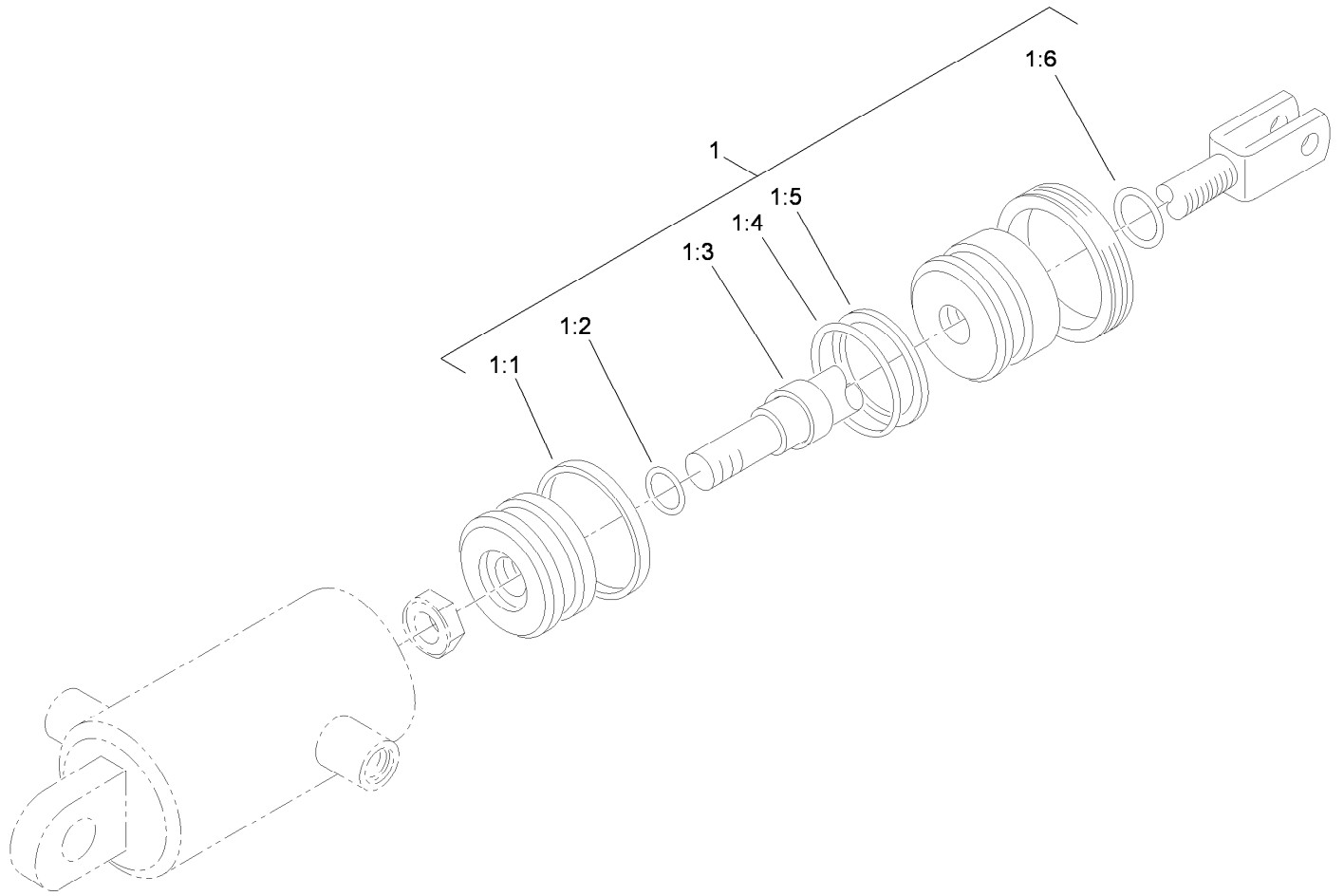
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-3836	1	Seal Kit
1:1		1	T-Seal ●
1:2		1	Ring-Retaining ●
1:3		1	Seal-Rod ●
1:4		1	Ring-Retaining ●
1:5		1	Backup ●
1:6		1	Seal-Dust ●

● Not serviced separately



Center Lift Arm Assembly

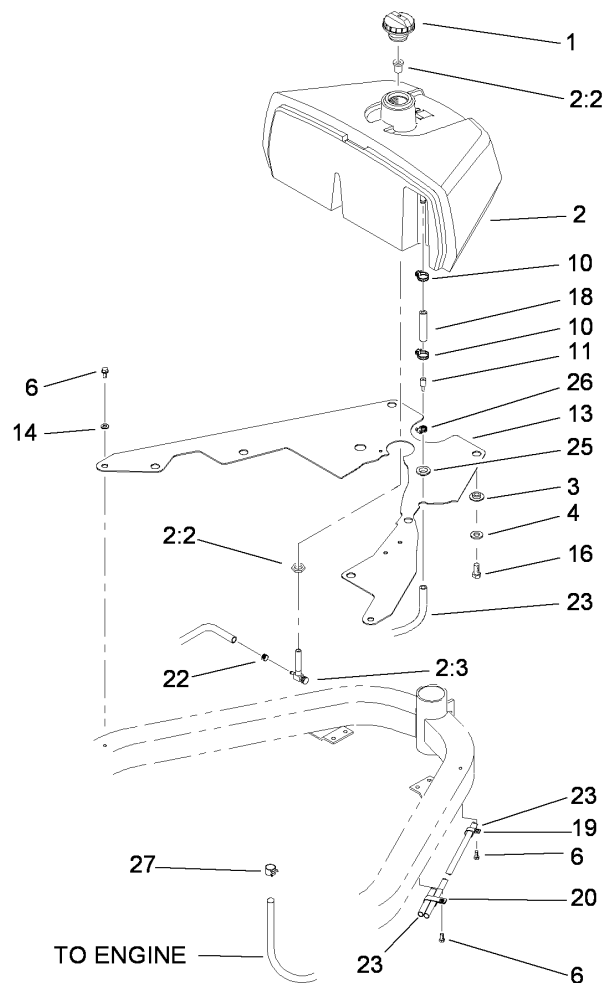
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	340-132	2	Fitting-Elbow, 90 DEG	28	3218-5	2	Nut-Jam
1:1	237-78	1	O-Ring	29	3296-25	3	Nut-Lock, NI
1:2	237-21	1	O-Ring	30	302-60	1	Fitting-Grease
2	105-3820	1	HYD Cylinder ASM	32	3256-26	2	Washer-Flat
3	283-8	1	Pin-Clevis	33	32144-69	2	Screw-HWHTF
4	99-4126	1	Center Lift Arm ASM	36	99-4248	1	Spacer
4:2	92-8995	2	Bushing	38	98-4618	2	Bushing-Eccentric
5	105-9781	1	Spring-Torsion	39	3256-74	2	Washer-Flat
6	98-2197	2	Bushing-Flange	40	33114-016	2	Screw-HH
7	99-4116	1	Rear Lift Frame ASM	41	99-4072	1	Spacer
7:1	98-4166	2	Bushing	42	99-4111-01	1	Plate-Transport, 1 And 3
8	105-9779	1	Guide-Spring	43	99-4225	1	Pad-Wear
16	112-1491	1	Pin-Cotter	44	325-7	1	Screw-HH
18	32120-72	2	Ring-Snap	45	99-4201	2	Tube-Spacer
19	63-2290	9	Washer-Thrust	46	99-4246	1	Link Bracket ASM
20	112-9185	1	Hose ASM	46:2	99-4243	1	Bushing-Flange
21	94-3452	1	Pin	48	302-5	1	Fitting-Grease
22	94-8199	1	Tube-Pivot	49	3250-17	3	Screw-PPH
23	3296-53	1	Nut-Lock, NI	50	325-14	1	Screw-HH
24	327-25	1	Screw-HH	51	3296-54	3	Nut-Lock
26	106-7981	1	Hose-HYD	55	325-7	3	Screw-HH



Hydraulic Cylinder Assembly No. 105-3820

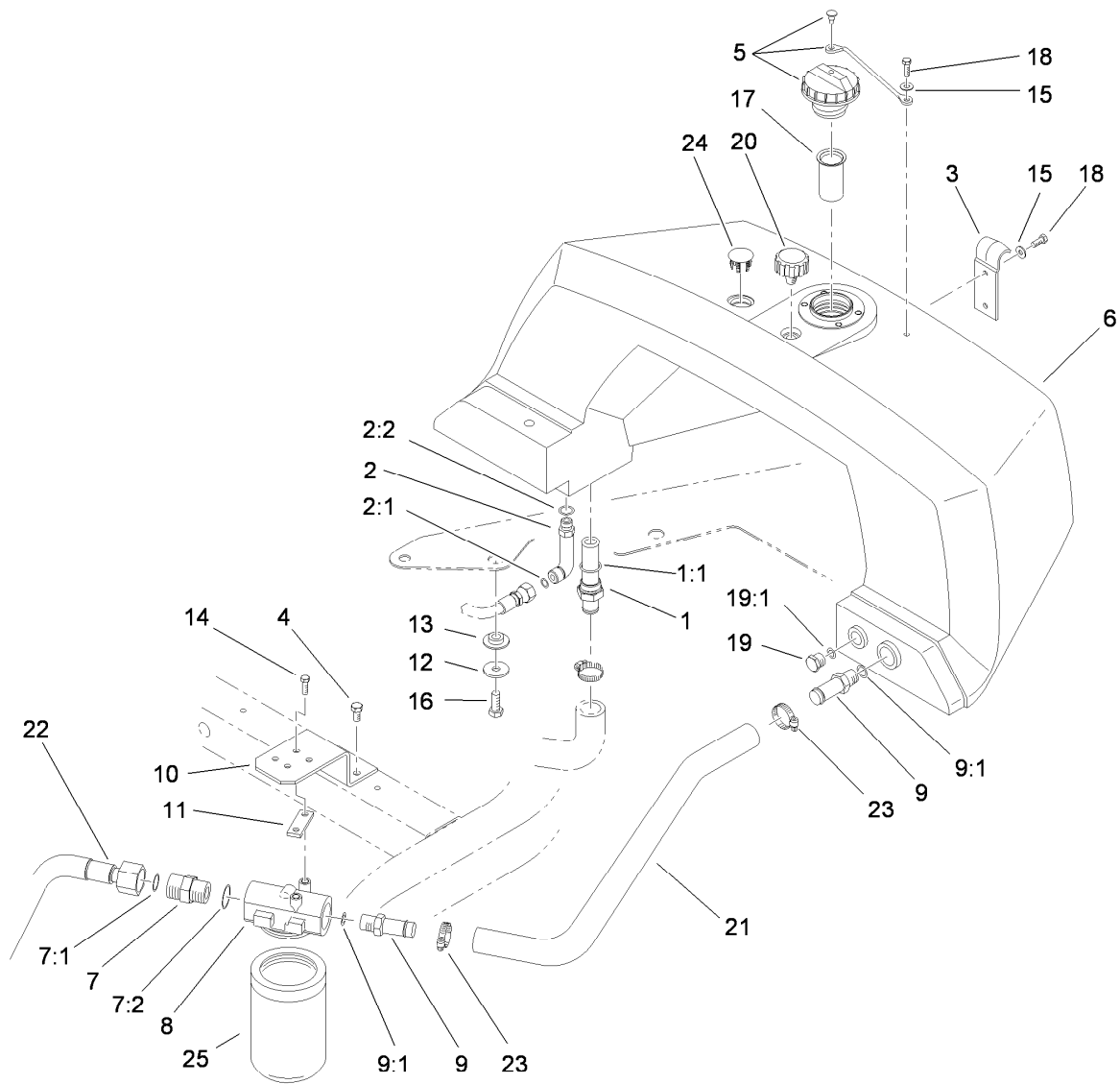
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-3836	1	Seal Kit
1:1		1	T-Seal ●
1:2		1	Ring-Retaining ●
1:3		1	Seal-Rod ●
1:4		1	Ring-Retaining ●
1:5		1	Backup ●
1:6		1	Seal-Dust ●

● Not serviced separately



Fuel System Assembly

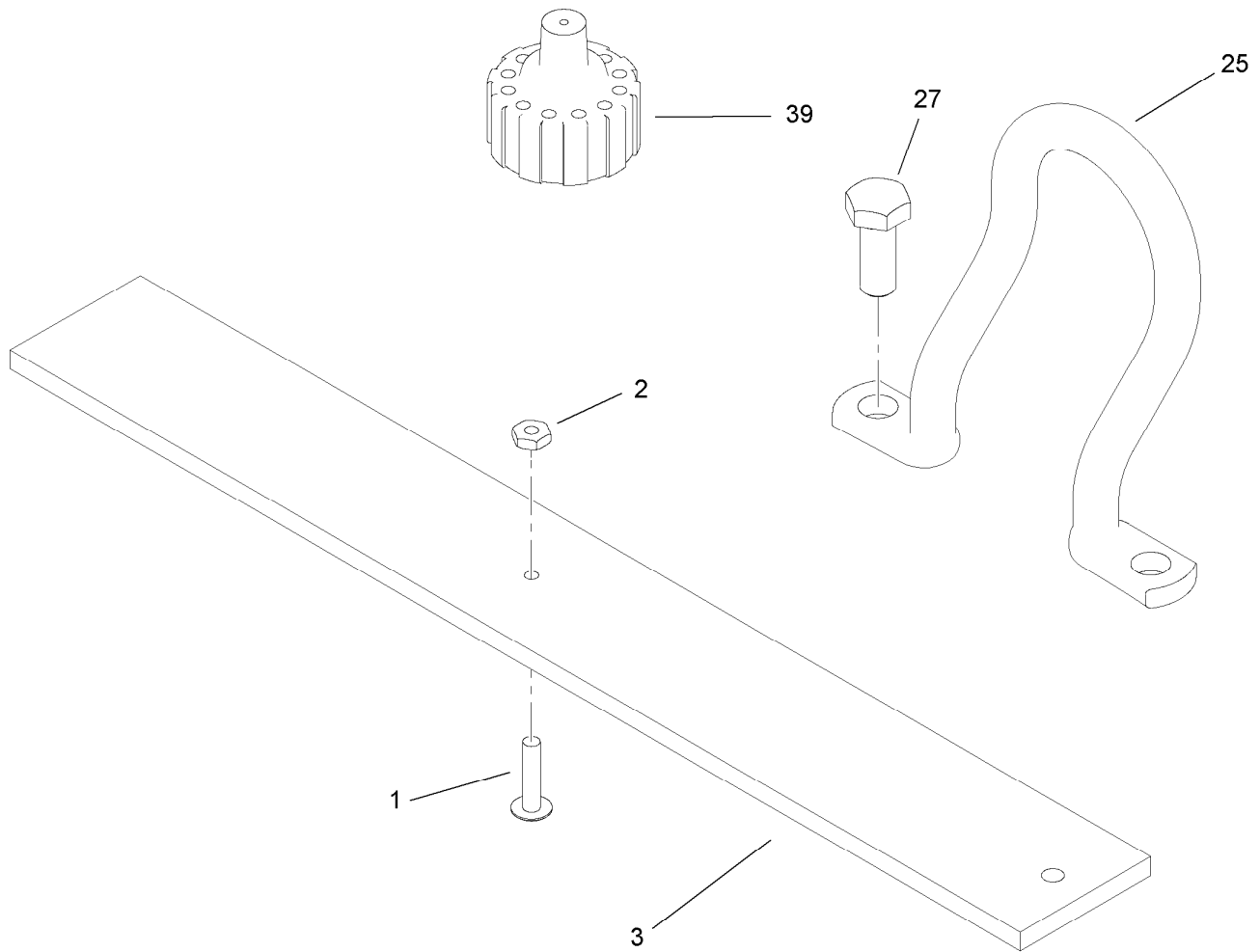
Ref.	Part Number	Qty.	Description
1	115-5305	1	Cap-Fuel
2	114-4680	1	Tank ASM
2:2	114-4677	1	Bulkhead ASM
2:3	114-4679	1	Fitting-Shut Off, Fuel
3	240-11	3	Bushing-Flange
4	93-4637	3	Washer-Flat
6	32104-32	5	Screw-HWH
10	2412-36	2	Clamp-Hose
11	112-0212	1	Fitting-Fuel
13	94-1364-03	1	Plate ASM
14	3256-23	2	Washer-Plain
16	33115-020	3	Screw-HH
18	106-1128	1	Hose-Fuel
19	2412-41	1	Clamp-R
20	92-5753	1	Clamp-Hose
22	92-2379	1	Clamp-Hose
23	110-3958	1	Hose-Fuel
25	237-124	1	Grommet
26	2412-108	1	Clamp-Worm
27	2412-146	1	Clamp-Hose



Hydraulic Tank and Filter Assembly

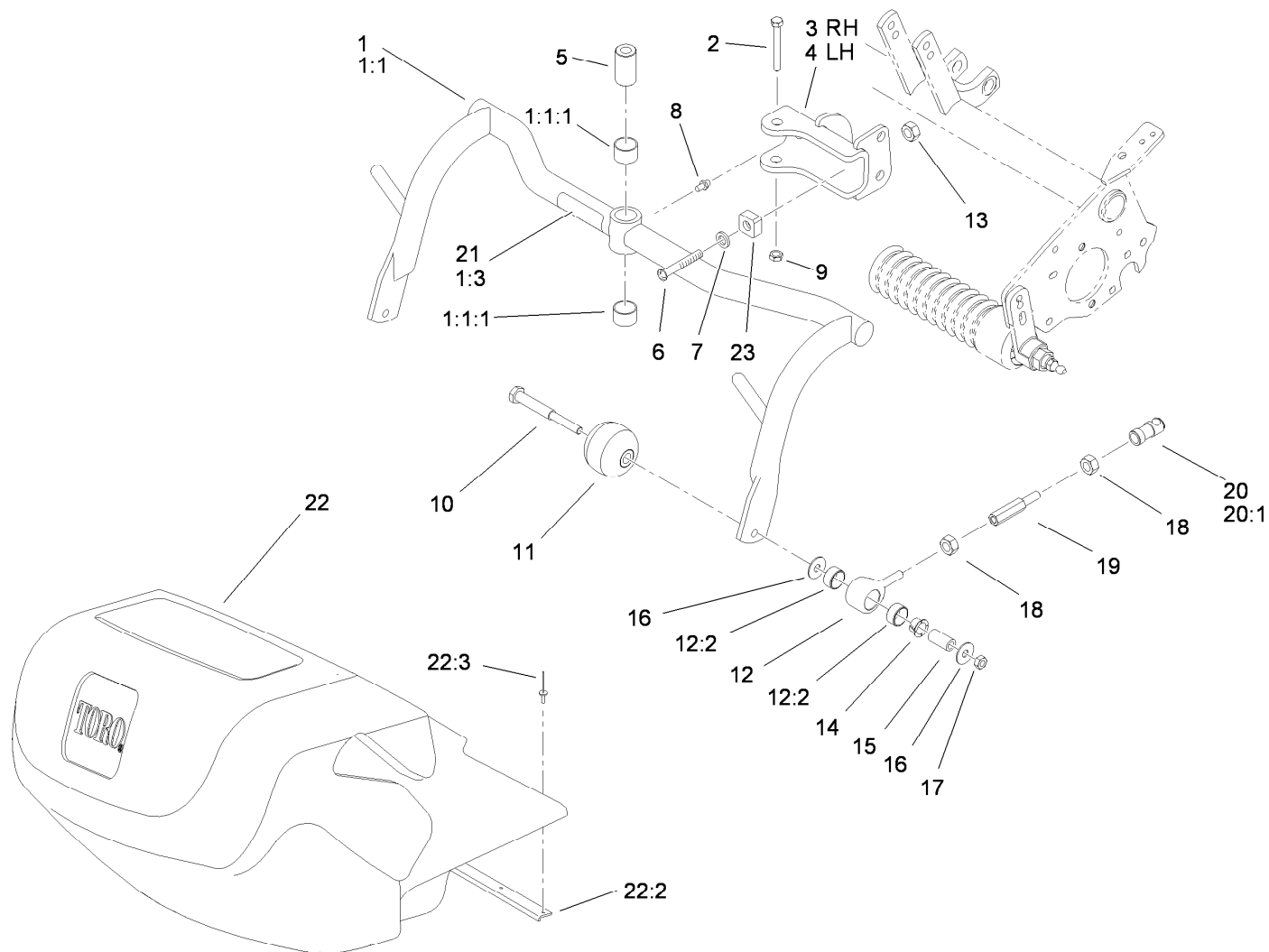
Ref.	Part Number	Qty.	Description
1	112-0211	1	Strainer Fitting ASM
1:1	237-146	1	O-Ring
2	69-4320	1	Fitting-HYD, 90 DEG
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	93-2438	1	Clamp-Tank, Fuel
4	32104-32	2	Screw-HWH
5	93-7160	1	Cap-Oil, HYD
6	117-9531	1	Tank-Hydraulic
7	340-9	1	Fitting-STR
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	92-5821	1	Head-Filter
9	354-73	2	Fitting
9:1	237-81	1	O-Ring
10	105-9793-03	1	Mount-Filter, Oil

Ref.	Part Number	Qty.	Description
11	105-4309	1	Plate-Filter
12	93-4637	4	Washer-Flat
13	240-11	4	Bushing-Flange
14	321-5	2	Screw-HH
15	3256-1	3	Washer-Flat
16	33115-020	4	Screw-HH
17	93-2275	1	Screen-Filler
18	33113-016	3	Screw-HH
19	353-988	1	Plug-Hex
19:1	237-79	1	O-Ring
20	68-6150	1	Breather
21	94-9607	1	Hose-Return
22	94-4518	1	Tube ASM
23	2412-129	2	Clamp-Hose
24	93-2437	1	Plug-Serrated
25	107-9531	1	Filter-Oil, HYD



Miscellaneous Part Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32122-22	1	Screw-PTH
2	3219-14	1	Nut-Hex
3	65-8320	1	Bar-Gauge
25	110-2397	3	Hook-Lift, Offset (1.25 Inch)
27	33115-025	6	Screw-HH
39	92-8020	1	Adapter-Breather

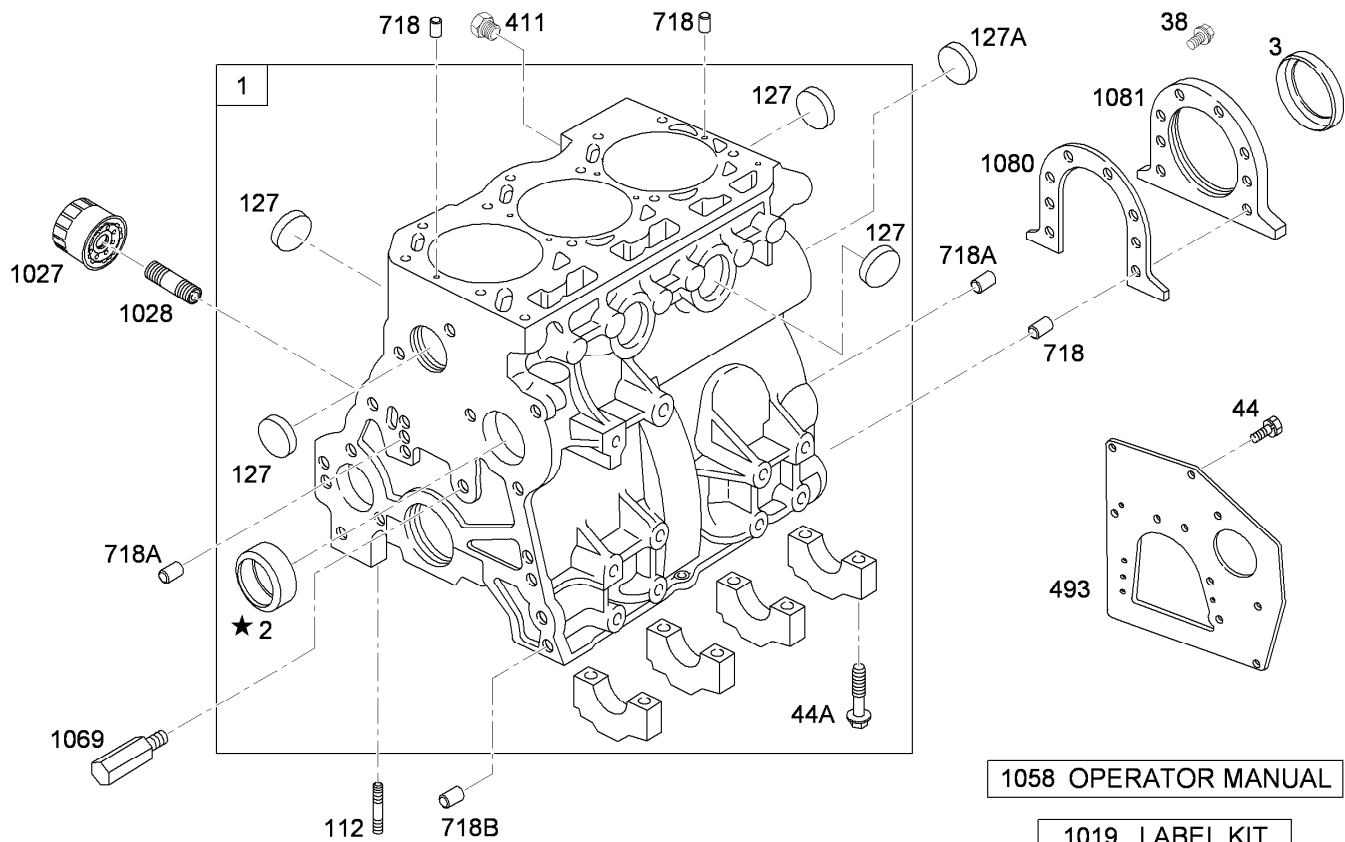


Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	99-4114	3	Pull Frame ASM
1:1		1	Pull Frame And Bushing ASM ●
1:1:1	98-4166	2	Bushing
1:3	104-7729	1	Decal-Danger, CE
2	325-13	3	Screw-HH
3	99-4183-01	2	RH Clevis ASM
4	99-4182-01	1	LH Clevis ASM
5	99-4109	3	Spacer
6	78-8710	3	Screw
7	3256-77	3	Washer-Flat
8	302-5	3	Fitting-Grease
9	3296-25	3	Nut-Lock, NI
10	108-6543	6	Shaft-Roller
11	99-4210	6	Roller-Anti Scalp
12	108-6542	6	Pull Link ASM

Ref.	Part Number	Qty.	Description
12:2	95-0532	2	Rubber Bushing ASM
13	3296-12	3	Nut-Lock, NI
14	104-7738	12	Bushing-Flange
15	108-6544	6	Spacer
16	52-2860	12	Washer
17	3296-59	6	Nut-Lock, NI
18	3220-3	12	Nut-HJ
19	88-6870	6	Extension-Arm, Pull
20	99-1460	6	Ball Joint Receiver ASM
20:1	99-1461	1	Sleeve-Joint, Ball
21	104-7729	3	Decal-Danger, CE
22	106-4689	3	Grass Basket ASM
22:2	104-2607	1	Strip-Basket
22:3	3290-382	8	Rivet-Pop
23	94-1392	3	Pad-Rubber

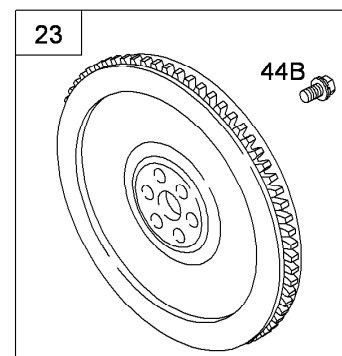
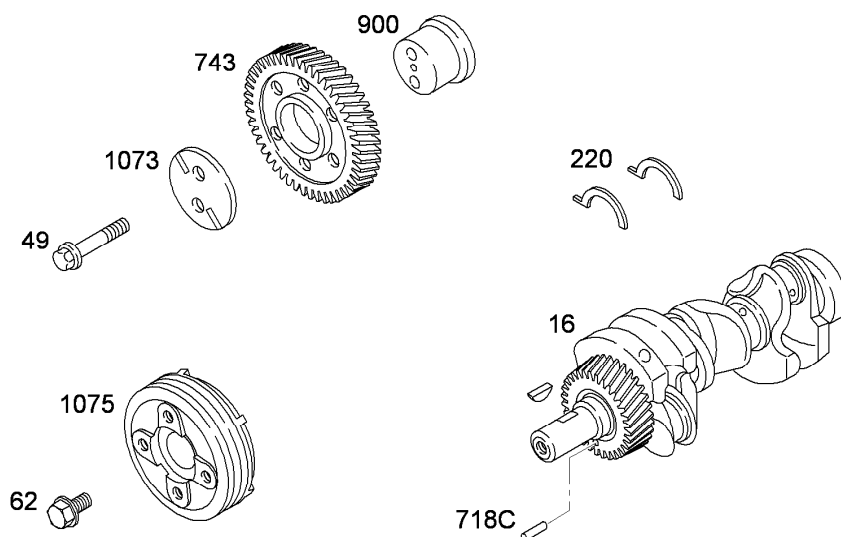
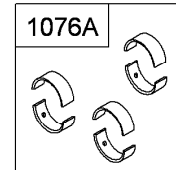
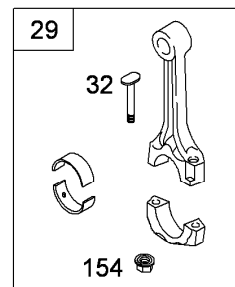
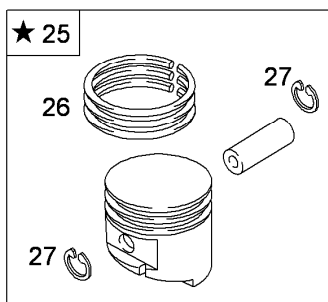
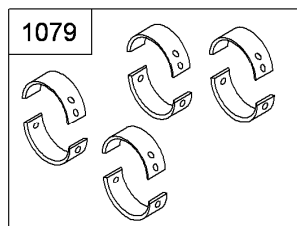
● Not serviced separately



Cylinder Assembly

Ref.	Part Number	Qty.	Description
1	100-6401	1	Cylinder ASM
2	99-9002	1	Bushing
3	99-9003	1	Seal-Oil
38	99-9004	6	Screw-Hex
44	99-9005	3	Screw-Hex
44A	99-9006	8	Screw-Hex
112	99-9007	1	Stud-Metric
127	99-9008	7	Plug-Welch
127A	99-9010	1	Plug-Welch
411	99-9601	1	Plug (Cylinder Block)
493	100-3195	1	Bracket-Mounting

Ref.	Part Number	Qty.	Description
718	99-9012	4	Pin-Locating
718A	99-9013	3	Pin-Locating
718B	99-9014	2	Pin-Locating
1019	99-9015	1	Label Kit
1027	99-9017	1	Filter-Oil
1028	99-9018	1	Adapter-Filter, Oil
1058	99-9602	1	Manual-Owners
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
1081	99-9022	1	Retainer-Seal



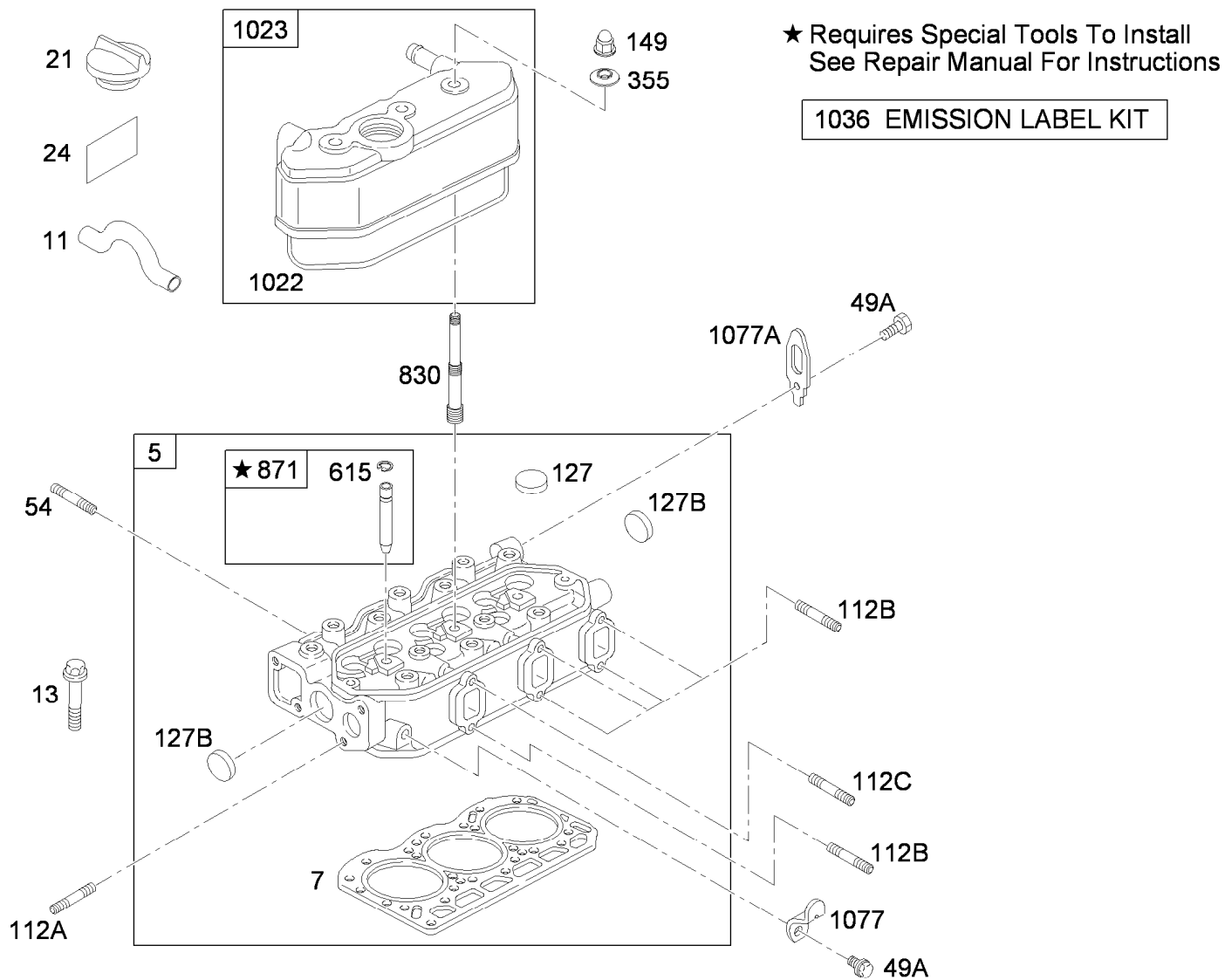
★ Requires Special Tools To Install
See Repair Manual For Instructions

Assemblies include all parts shown in frames

Crankshaft Assembly

Ref.	Part Number	Qty.	Description
16	105-9339	1	Crankshaft
23	99-9267	1	Flywheel
25	99-9605	3	Piston ASM
25	99-9268	3	Piston ASM (.010 In Oversized)
26	99-9606	3	Ring Set
26	99-9269	3	Ring Set (.010 Oversized)
27	99-9607	6	Lock-Pin, Piston
29	117-8838	3	Rod-Connecting
32	99-9030	6	Screw
44B	99-9031	6	Screw-Hex
49	99-9032	2	Screw-Hex
62	99-9033	1	Screw-Hex
154	99-9034	6	Nut-Hex

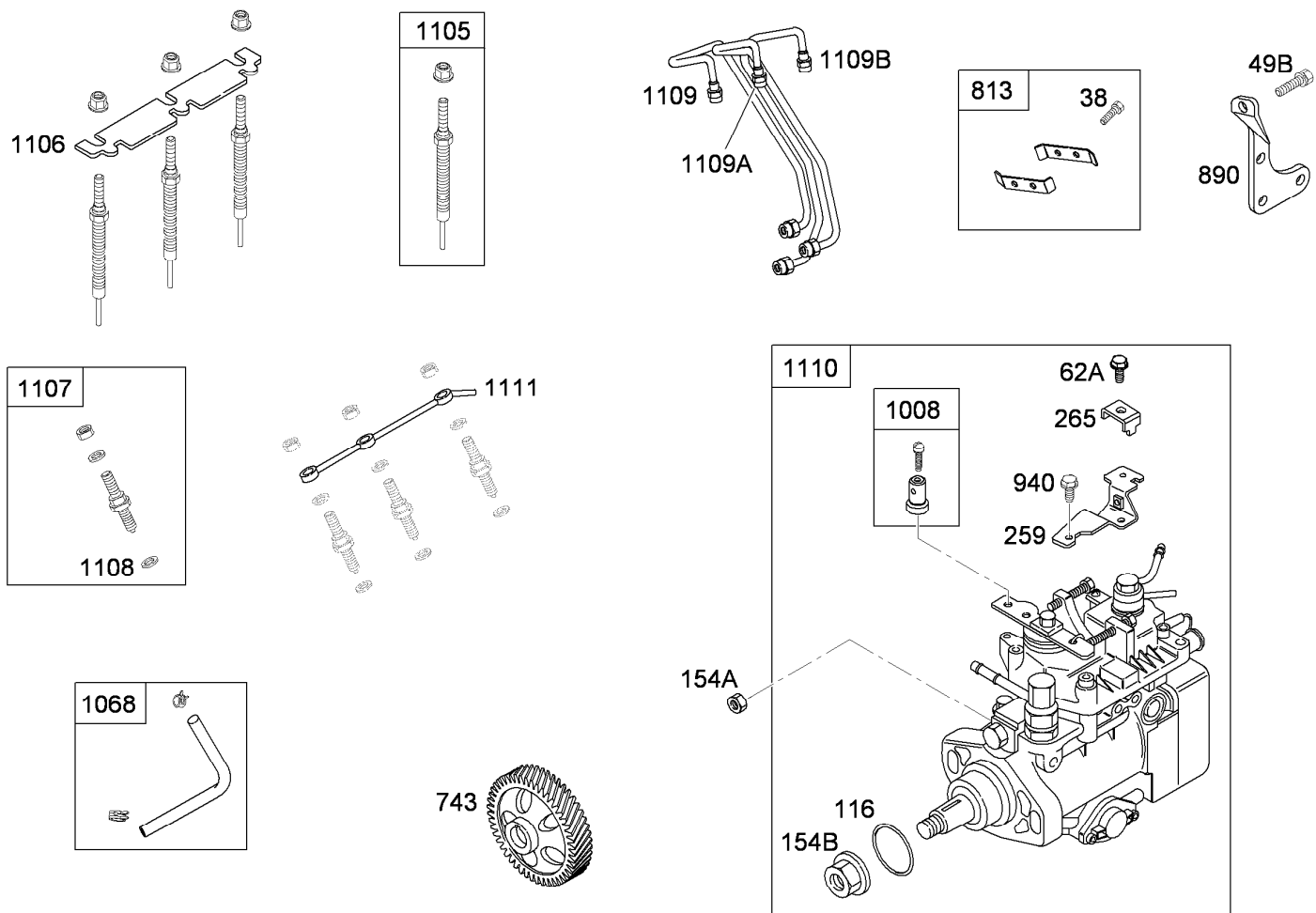
Ref.	Part Number	Qty.	Description
220	99-9035	1	Shim-Endplay
220	99-9036	1	Shim-Endplay (.005 Oversized)
718C	99-9037	1	Pin-Locating
743	99-9609	1	Gear-Drive
900	99-9039	1	Shaft-Gear
1073	99-9040	1	Plate-Gear, Idler
1075	99-9692	1	Pulley-Crankshaft
1076A	117-4893	3	Rod Bearing Set (STD)
1076A	99-9044	3	Rod Bearing Set (.010 Undersized)
1079	99-9045	1	Main Bearing Set (Set Of 8)
1079	99-9046	1	Main Bearing Set (.010 Undersized)



Cylinder Head Assembly

Ref.	Part Number	Qty.	Description
5	99-9611	1	Head-Cylinder
7	99-9612	1	Gasket-Head, Cylinder
11	104-7743	1	Tube-Breather
13	99-9614	14	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
24	105-3817	1	Label-Fill, Oil
54	99-9055	2	Stud-Metric
127	99-9008	2	Plug-Welch
127B	99-9060	2	Plug-Welch
149	99-9061	3	Nut-Hex, Metric
355	99-9063	3	Washer-Seal
49A	99-9054	2	Screw-Hex

Ref.	Part Number	Qty.	Description
615	99-9067	6	Retainer
830	99-9101	3	Stud-Arm, Rocker
871	99-9070	6	Bushing-Guide
1022	99-9073	1	Gasket-Cover, Rocker
1023	100-6402	1	Cover-Rocker
1036	99-9615	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
1077A	99-9077	1	Bracket-Lifting
112A	99-9057	2	Stud-Metric
112B	99-9058	5	Stud-Metric
112C	99-9059	1	Stud-Metric

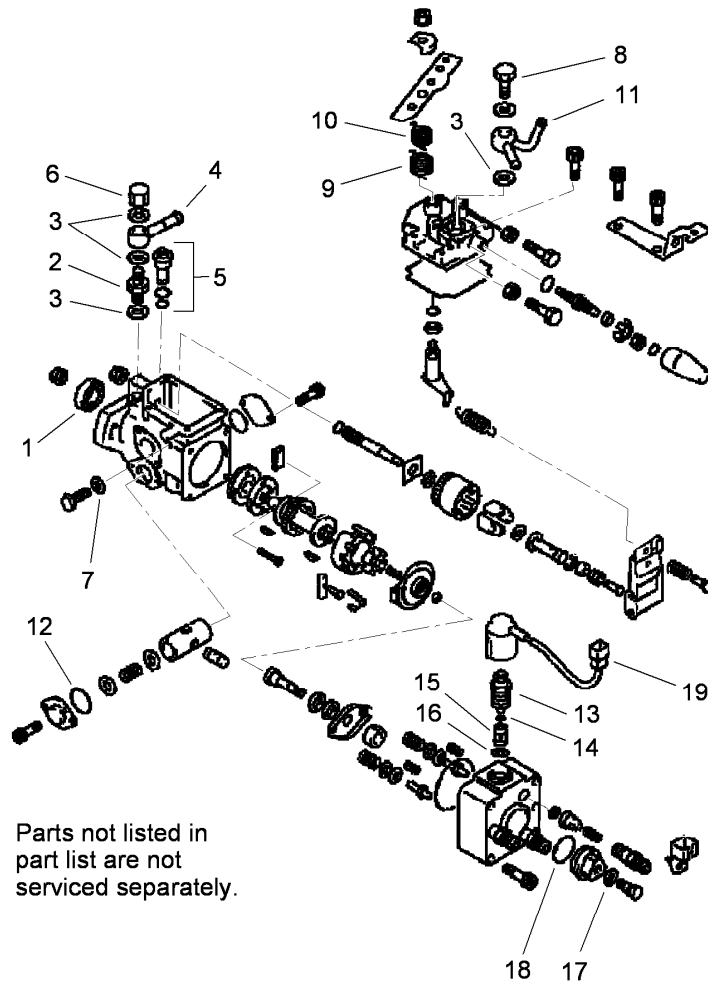


Assemblies include all parts shown in frames

Injection Assembly

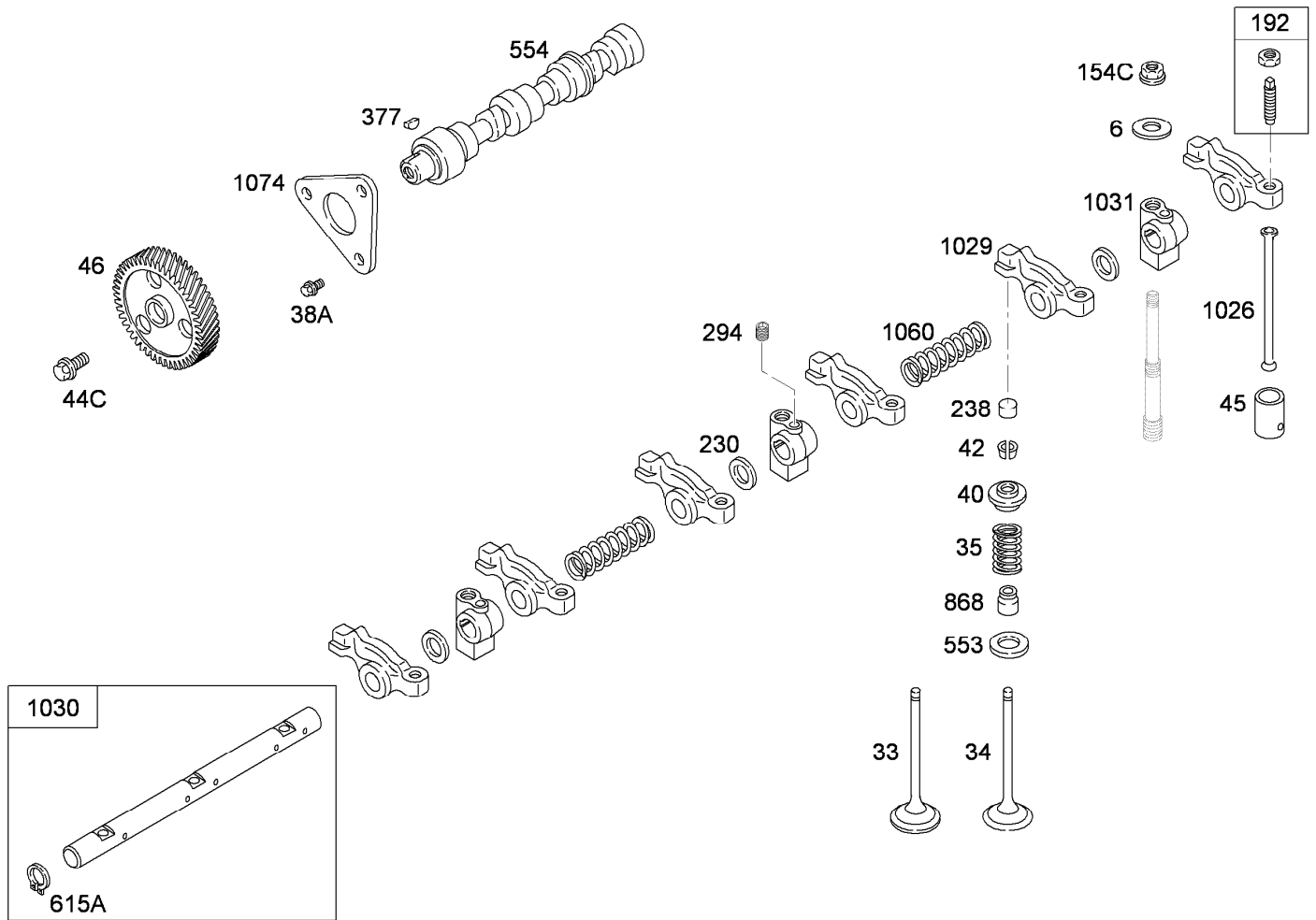
Ref.	Part Number	Qty.	Description
38	99-9004	2	Screw-Hex
49B	99-9616	4	Screw-Hex
62A	100-6403	1	Screw-Metric
116	99-9618	1	O-Ring
154A	99-9619	2	Nut-Hex, Metric
154B	99-9620	1	Nut-Hex, Metric
259	99-9621	1	Bracket-Clamp, Casing
265	99-9622	1	Clamp-Casing
743	99-9624	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
940	100-6410	2	Screw-Hex

Ref.	Part Number	Qty.	Description
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose / Clamp ASM
1105	114-4695	3	Plug-Glow
1106	99-9631	1	Strap-Plug, Glow
1107	114-4696	3	Injection Nozzle
1108	99-9633	3	Seat-Injector
1109	99-9690	1	Pipe-Injector, No. 1
1109A	99-9634	1	Pipe-Injector, No. 2
1109B	99-9635	1	Pipe-Injector, No. 3
1110	114-4697	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel



Injection Assembly No. 114-4697

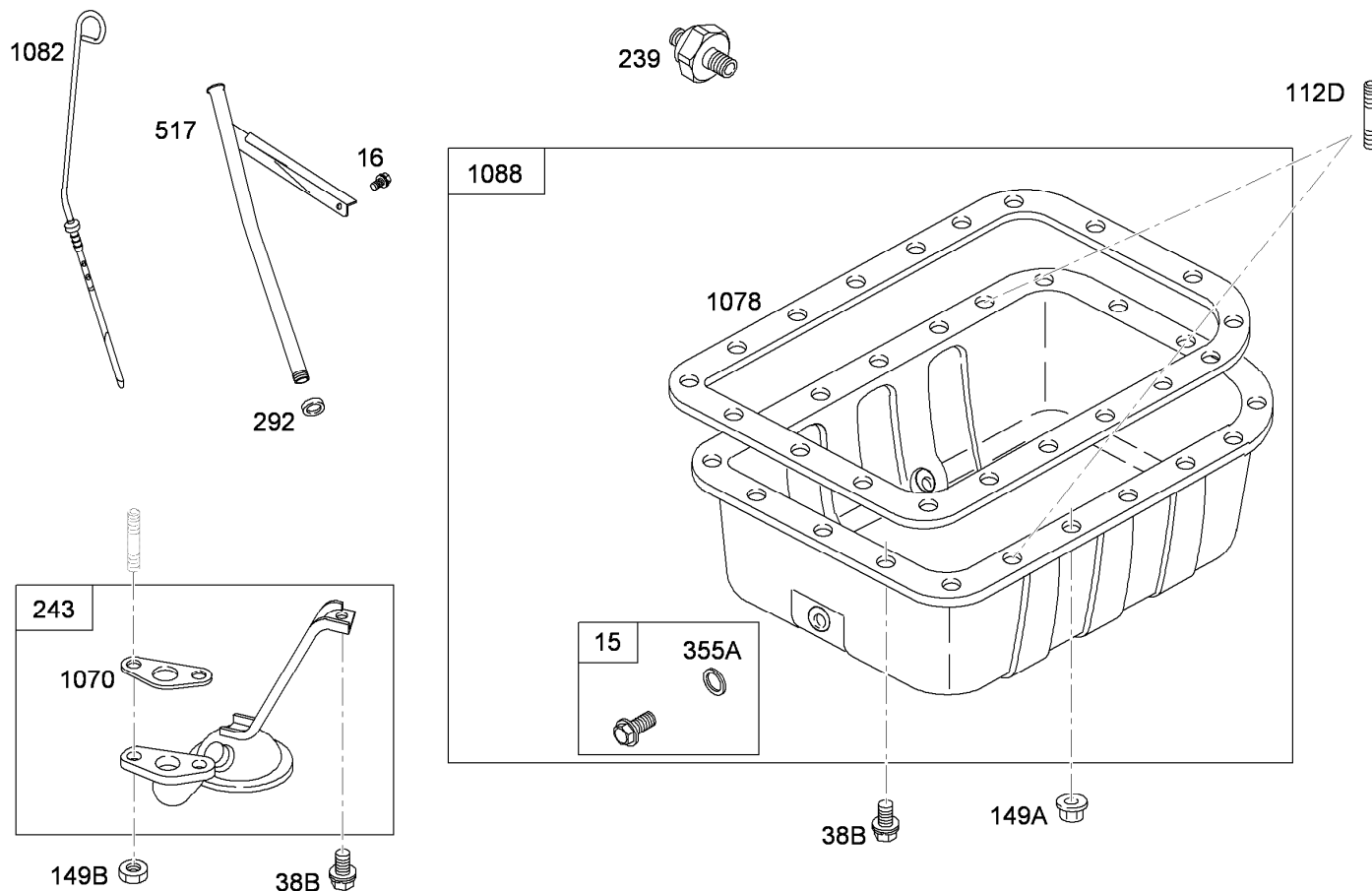
Ref.	Part Number	Qty.	Description
1	100-5190	1	Seal-Oil
2	100-5234	1	Screw-Hollow
3	100-5221	5	Washer
4	100-5222	1	Nipple ASM
5	100-5230	1	Valve ASM
6	100-5302	1	Nut-Cap
7	100-5314	2	Gasket-Delivery
8	100-5220	1	Screw ASM
9	100-5226	1	Spring-Return
10	100-5228	1	Spring-Return
11	100-5307	1	Nipple ASM
12	100-5202	2	O-Ring
13	100-5161	1	Solenoid ASM
14	100-5162	1	O-Ring
15	100-5303	1	Filter ASM
16	100-5304	1	Washer
17	100-5205	1	Gasket-Delivery
18	100-5206	1	O-Ring
19	100-5212	1	Wire ASM



Assemblies include all parts shown in frames

Rocker Arm Assembly

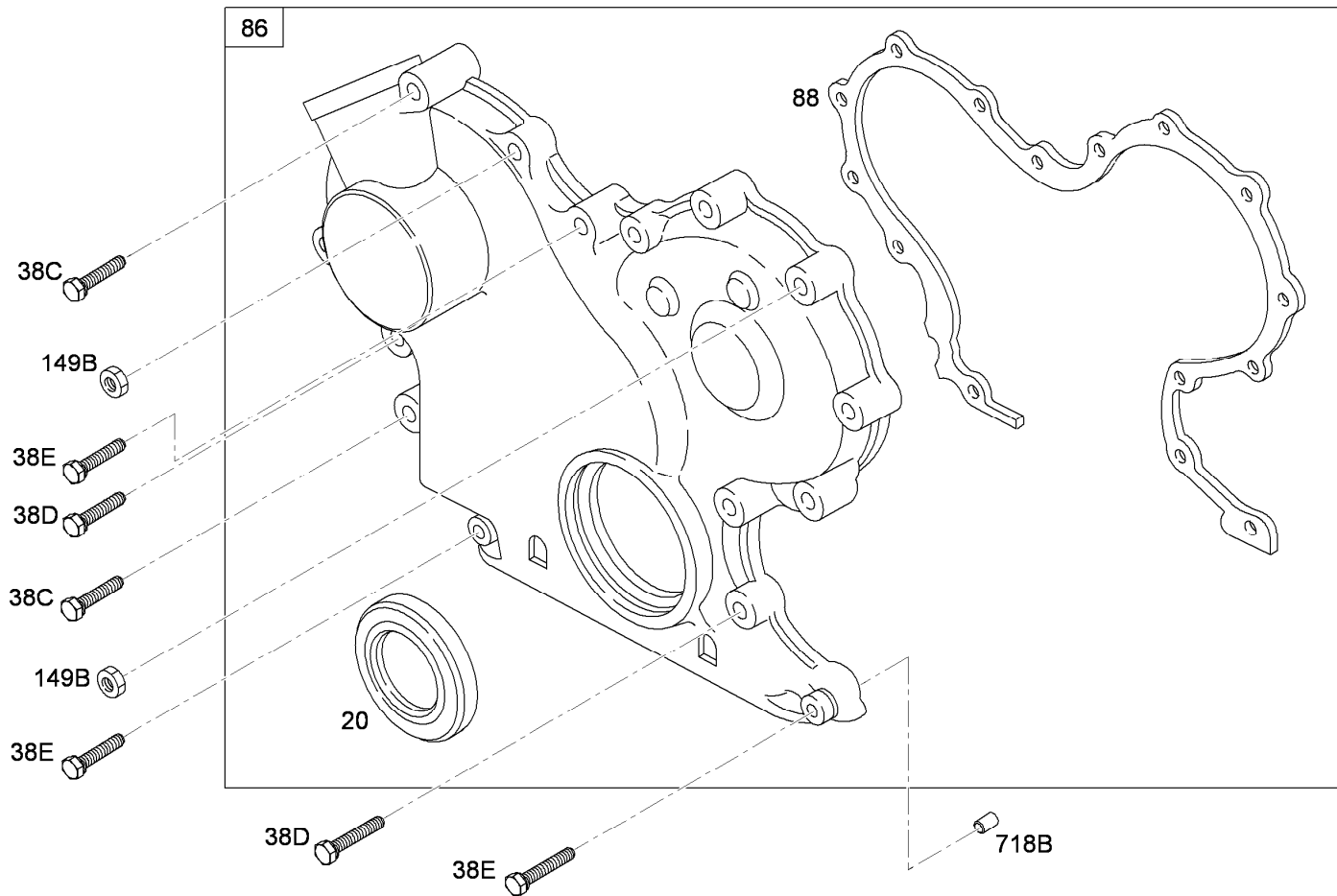
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
6	99-9079	3	Washer-Flat	238	99-9094	6	Cap-Valve
33	99-9638	3	Valve-Exhaust	294	99-9090	1	Screw-Metric
34	99-9639	3	Valve-Intake	377	99-9642	1	Key-Timing
35	99-9640	6	Spring-Valve	553	99-9096	6	Seat-Spring, Valve
38A	99-9083	3	Screw-Hex	554	99-9097	1	Shaft-Cam
40	99-9084	6	Retainer-Valve	615A	99-9099	2	Retainer
42	99-9086	1	Keeper-Valve (Set)	868	99-9643	6	Seal-Valve
44C	99-9085	1	Screw-Metric	1026	99-9103	6	Rod-Push
45	99-9088	6	Tappet-Valve	1029	99-9104	1	Arm-Rocker
46	99-9641	1	Gear-Cam	1030	99-9106	1	Shaft-Arm, Rocker
154C	99-9091	3	Nut-Hex, Metric	1031	99-9107	3	Support-Arm, Rocker
192	99-9092	6	Adjuster-Arm, Rocker	1060	99-9108	2	Spring-Shaft, Rocker
230	99-9093	3	Washer-Spacer	1074	99-9109	1	Retainer-Camshaft



Assemblies include all parts shown in frames

Oil Pan Assembly

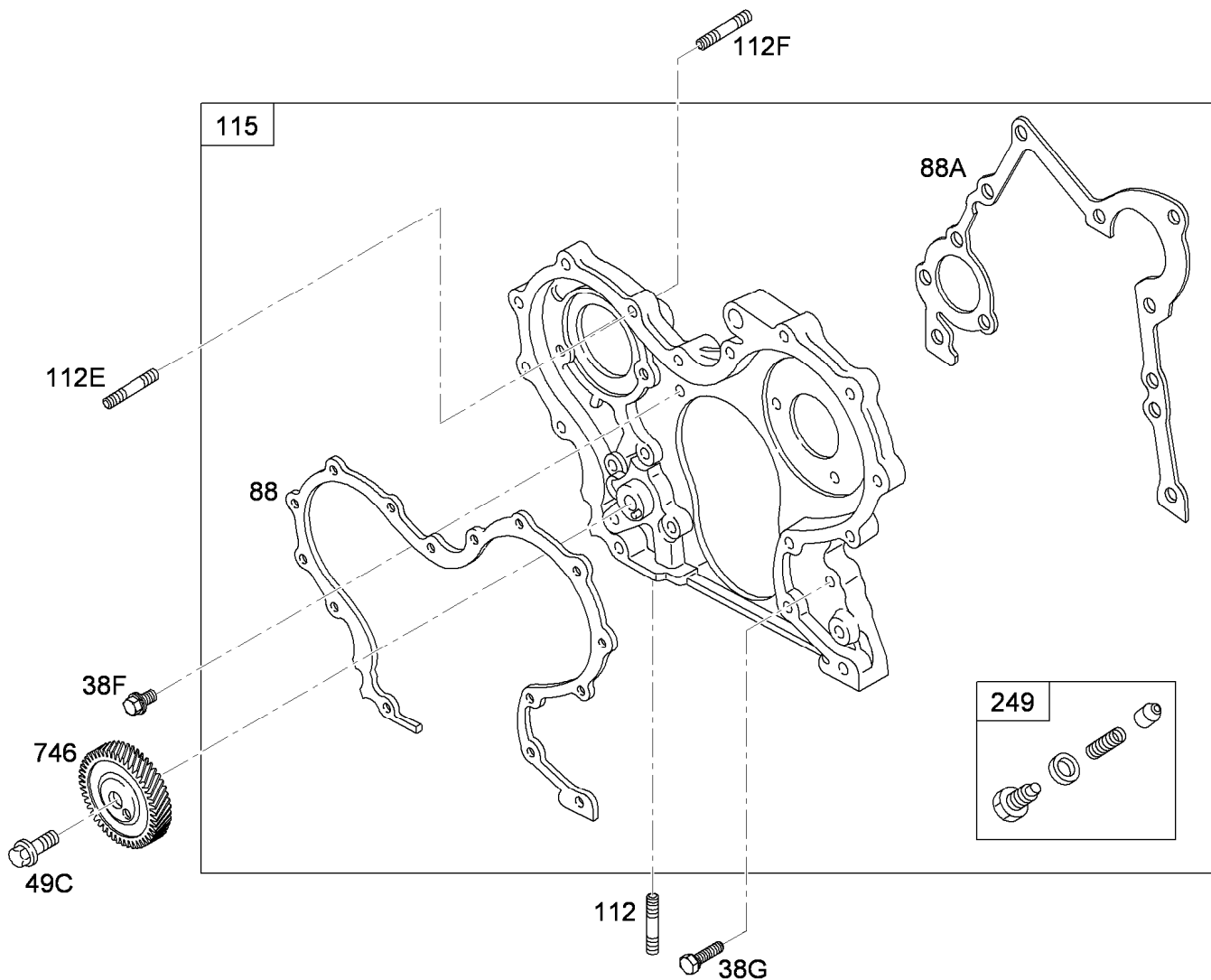
Ref.	Part Number	Qty.	Description
15	99-9644	1	Plug-Drain, Oil
16	99-9256	1	Screw-Hex
239	99-9115	1	Switch-Pressure, Oil
243	99-9116	1	Screen-Pump, Oil
292	99-9265	1	Seal-O-Ring
38B	99-9111	18	Screw-Hex
517	100-6406	1	Tube-Dipstick
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1082	100-6405	1	Dipstick
1088	99-9649	1	Pan-Oil
112D	99-9112	2	Stud-Metric
149A	99-9113	2	Nut-Hex, Metric
149B	99-9114	2	Nut-Hex, Metric
355A	99-9645	1	Washer-Seal



Assemblies include all parts shown in frames

Gear Cover Assembly

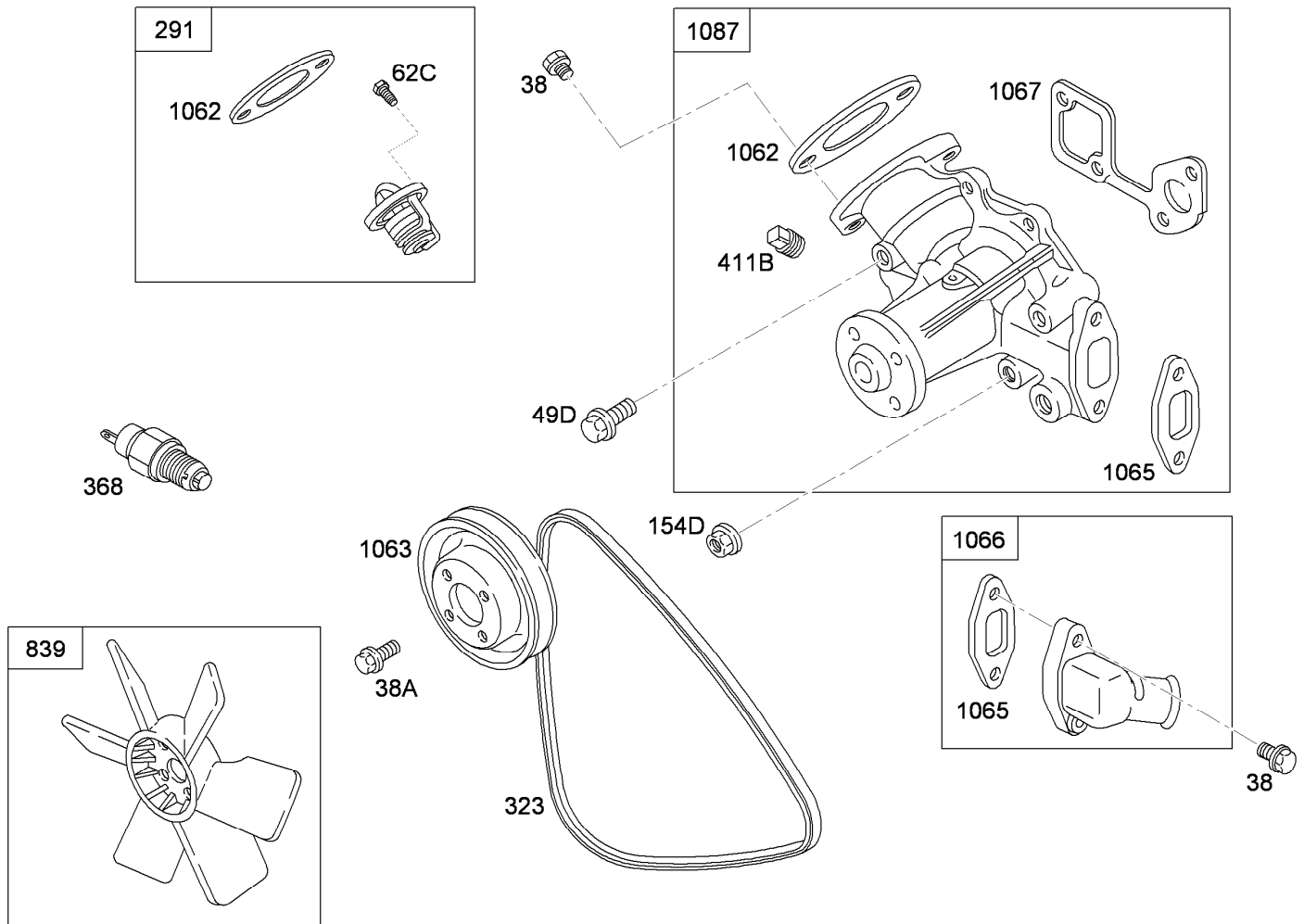
Ref.	Part Number	Qty.	Description
20	115-2291	1	Seal-Oil
38C	99-9651	2	Screw-Hex
38D	99-9128	9	Screw-Hex
38E	99-9129	3	Screw-Hex
86	115-2338	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover, Gear
149B	99-9114	2	Nut-Hex, Metric
718B	99-9014	1	Pin-Locating



Assemblies include all parts shown in frames

Gear Housing Assembly

Ref.	Part Number	Qty.	Description
88	99-9653	1	Gasket-Cover, Gear
88A	99-9136	1	Gasket-Cover, Gear Reduction
112	99-9007	1	Stud-Metric
112E	99-9137	2	Stud-Metric
112F	99-9654	2	Stud-Metric
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
38F	99-9134	1	Screw-Hex
38G	99-9133	4	Screw-Hex
49C	99-9135	1	Screw-Hex
746	99-9656	1	Gear-Drive

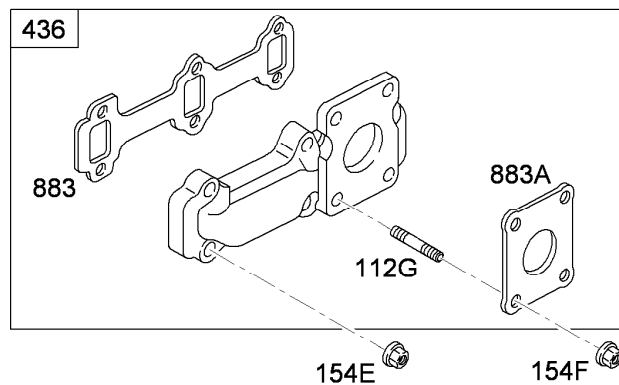
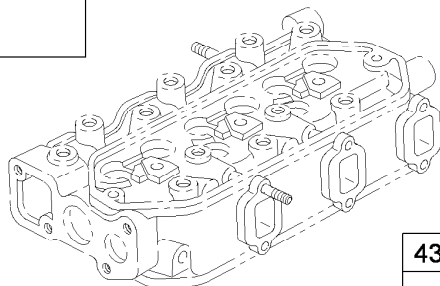
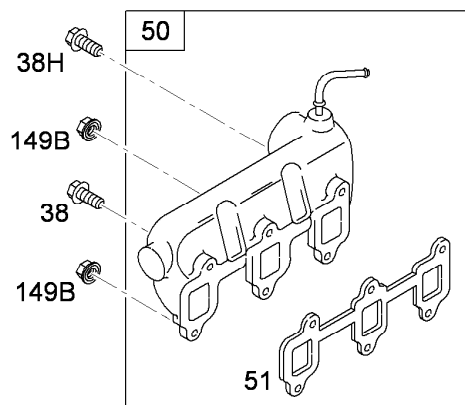


Assemblies include all parts shown in frames

Water Pump Assembly

Ref.	Part Number	Qty.	Description
38	99-9004	2	Screw-Hex
38A	99-9111	4	Screw-Hex
291	99-9155	1	Thermostat
323	99-8153	1	Belt-V
368	99-9157	1	Switch-Temperature, Water
49D	99-9151	2	Screw-Hex
62C	99-9152	1	Screw-Metric
839	93-2090	1	Fan-Engine

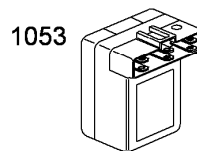
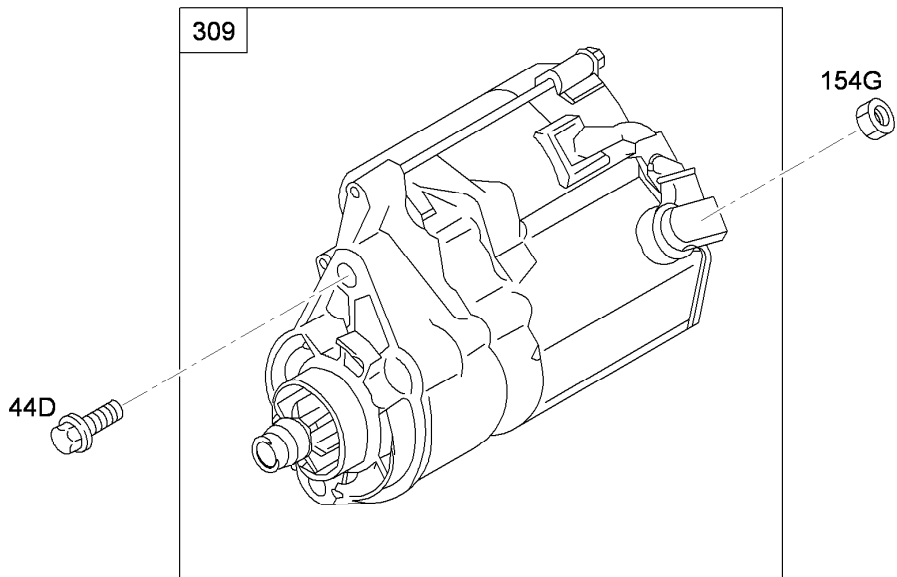
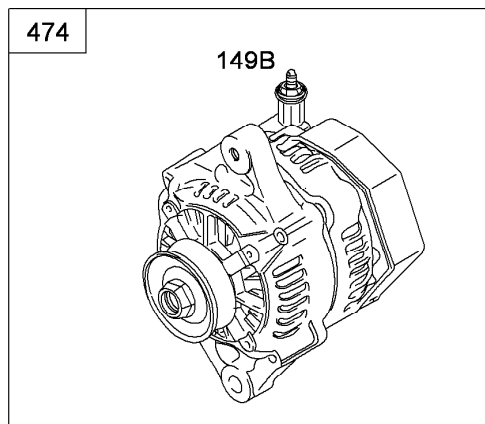
Ref.	Part Number	Qty.	Description
1062	99-9163	1	Gasket-Housing, Outlet
1063	99-9164	1	Pulley-Pump
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	105-3832	1	Pump-Water
154D	99-9153	1	Nut-Hex, Metric
411B	99-9159	1	Plug



Assemblies include all parts shown in frames

Manifold Assembly

Ref.	Part Number	Qty.	Description
38	99-9004	1	Screw-Hex
38H	99-9660	3	Screw-Hex
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
436	99-9177	1	Manifold-Exhaust
883	99-9178	1	Gasket-Exhaust
883A	99-9179	1	Gasket-Exhaust
112G	100-6407	4	Stud-Manifold, Exhaust
149B	99-9114	2	Nut-Hex, Metric
154E	99-9175	6	Nut-Hex, Metric
154F	99-9176	4	Nut-Hex

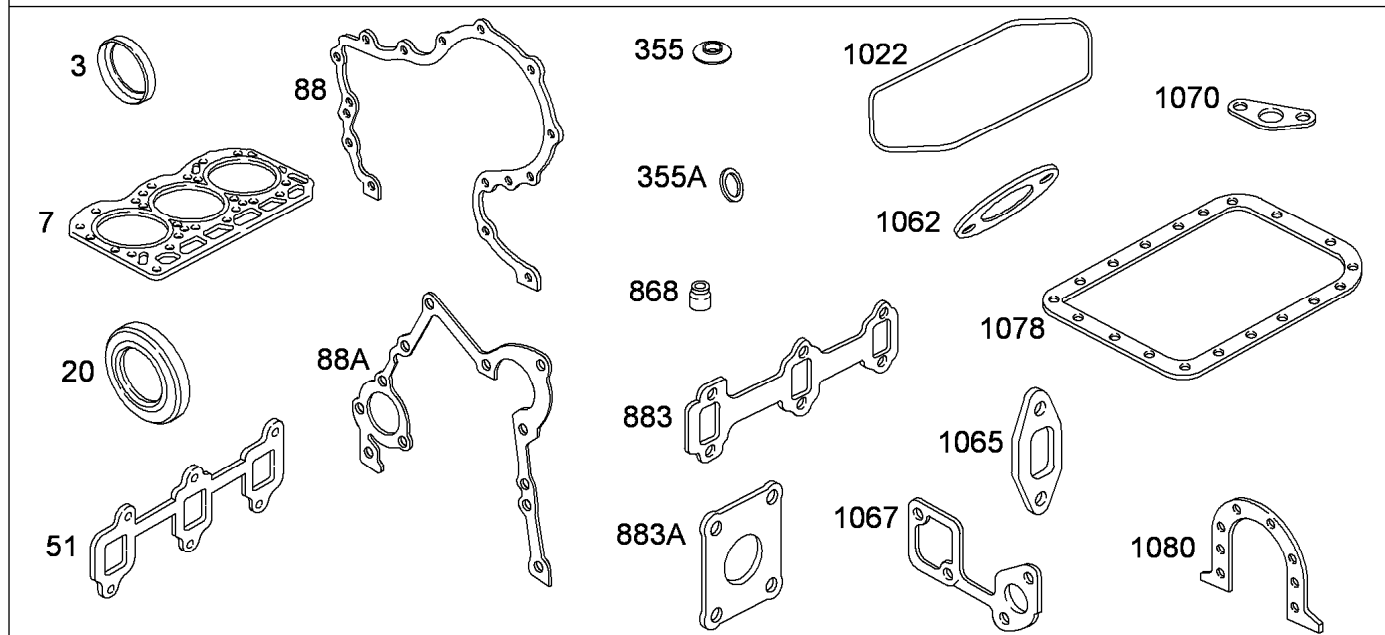


Assemblies include all parts shown in frames

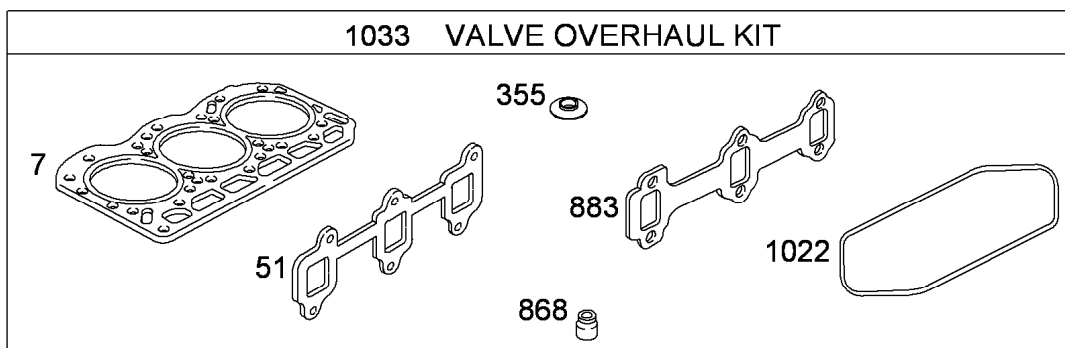
Alternator and Starter Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
44D	99-9201	2	Screw-Hex
149B	99-9114	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric
309	110-2598	1	Motor-Starter
474	99-9209	1	Alternator
1053	115-2292	1	Timer-Glow Plug

358 ENGINE GASKET SET



1033 VALVE OVERHAUL KIT



Assemblies include all parts shown in frames

Gasket Set and Valve Overhaul Kit

Ref.	Part Number	Qty.	Description
3	99-9003	1	Seal-Oil
7	99-9612	1	Gasket-Head, Cylinder
20	115-2291	1	Seal-Oil
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
88A	99-9136	1	Gasket-Cover, Gear Reduction
355	99-9063	1	Washer-Seal
355A	99-9645	1	Washer-Seal
358	99-9667	1	Gasket-Set
868	99-9643	6	Seal-Valve

Ref.	Part Number	Qty.	Description
883	99-9178	1	Gasket-Exhaust
883A	99-9179	1	Gasket-Exhaust
1022	99-9073	1	Gasket-Cover, Rocker
1033	99-9668	1	Valve Overhaul Kit
1062	99-9163	1	Gasket-Housing, Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer

Attachments and Accessories

For 04383 Greensmaster 3250-D 2-Wheel Drive Traction Unit

Product Name	Model/Part
Turf Evaluator	04399
Three-Wheel Drive Kit	04475
Spiker Kit	04494
Tri-Roller Kit.....	04495
Dethatching Reel ASM	04496
Leak Detector Kit	04497
Light Kit.....	04551
Roll-Over Protection Kit	04552
8-Blade DPA Reel Mower	04610
11-Blade DPA Reel Mower	04611
14-Blade DPA Reel Mower	04616
Hose Adapter Kit.....	100-6430
Premium Bio-Degradable Hydraulic Fluid (5 Gallon Pail).....	100-7674
Oil Cooler Kit.....	104-7701
Ground-Following Suspension Kit	104-9400
Radiator Screen Kit.....	105-9766
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail).....	108-1178
Premium Engine Oil, 10w30 (55 Gallon Drum)	108-1179
Premium Engine Oil, 10w30 (5 Gallon Pail)	108-1180
Premium Bio-Degradable Hydraulic Fluid (55 Gallon Drum)	108-1189
Wheel Weight Kit	112-0279
Hydraulic Hose Kit	117-2721
MVP Filter Kit.....	30018
400-hour Filter Maintenance Kit.....	30062
Arm Rest Kit.....	30707
Spark Arrestor Screen	94-8157
Tire-TURFMATE	99-4506



Count on it.