



Form No. 3363-562 Rev D

Count on it.

Parts Catalog

Greensmaster® 3150

2-Wheel Drive Traction Unit

Model No. 04357—Serial No. 310000001 and Up



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

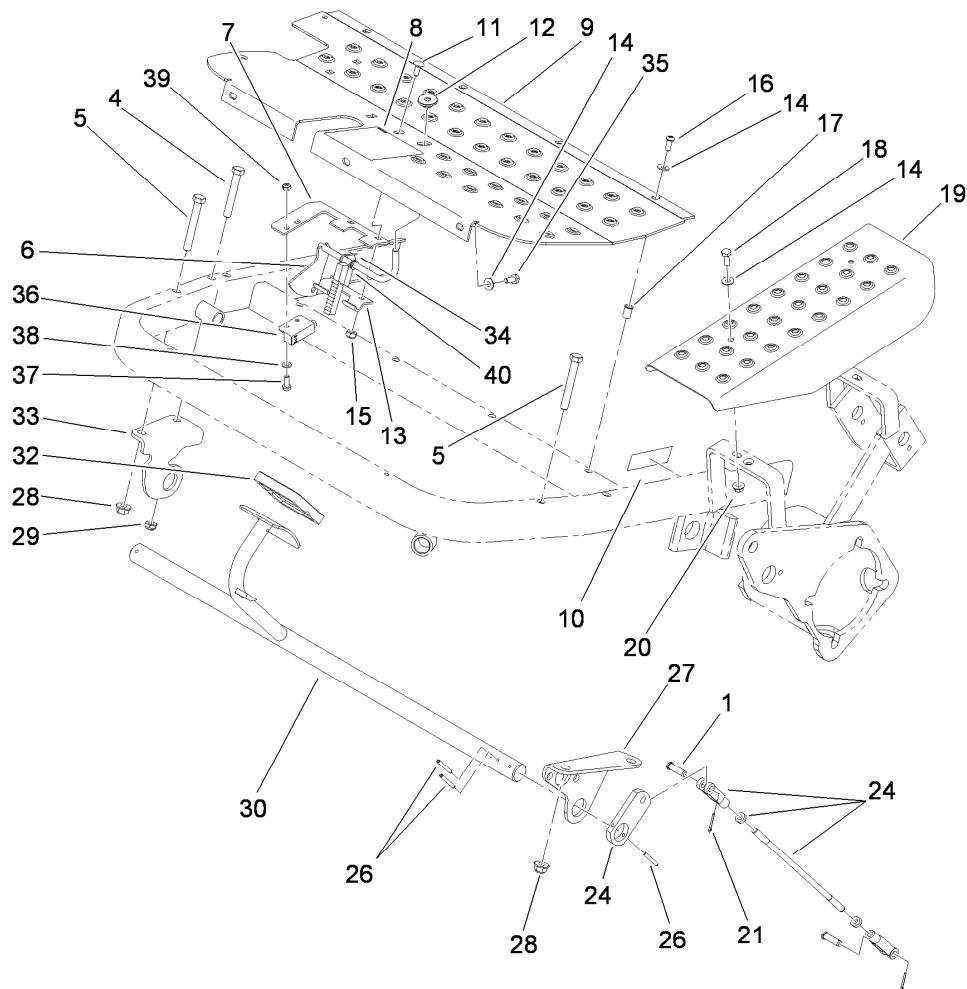
Reference Numbers Indicating Quantity

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

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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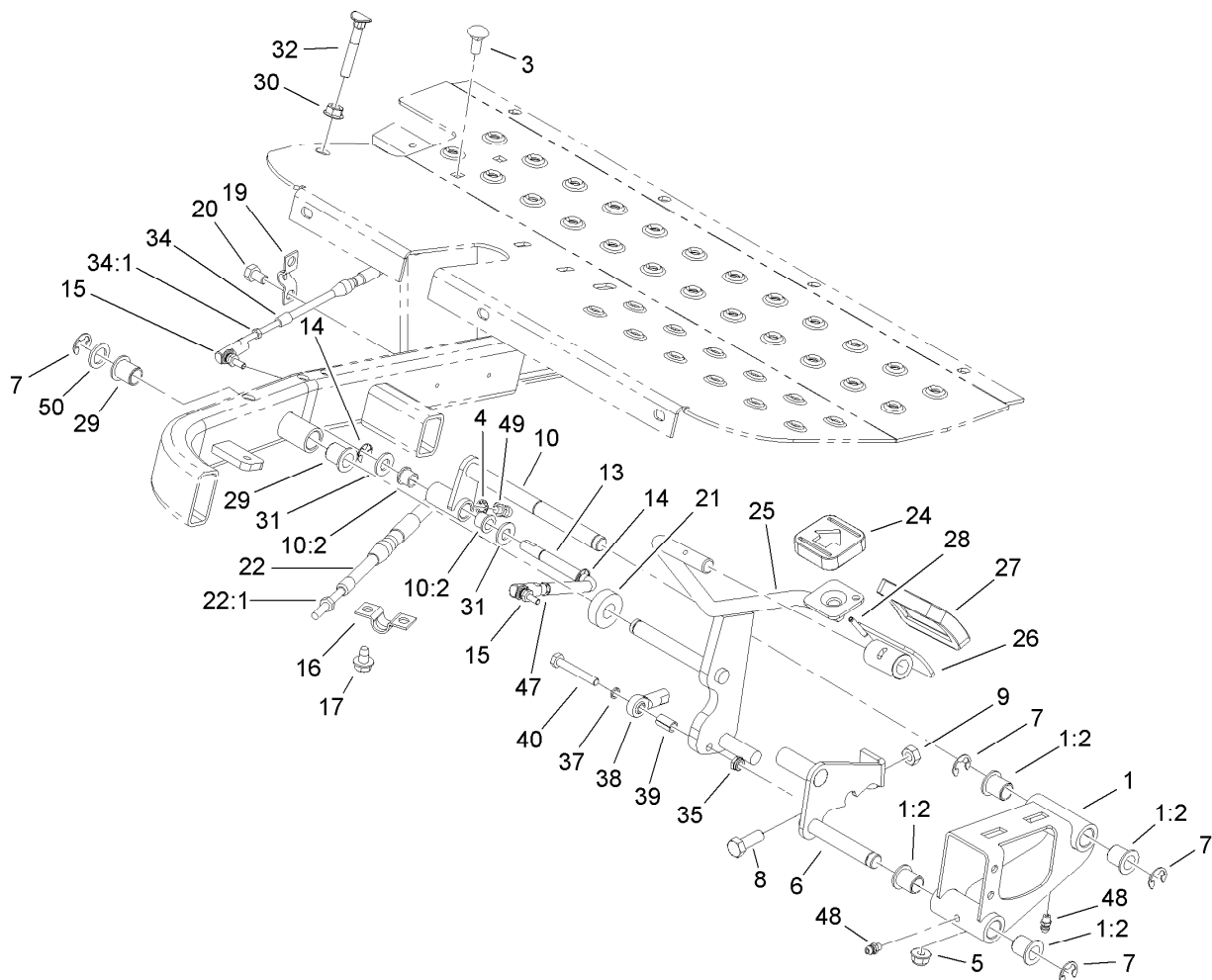
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Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	283-61	2	Pin-Yoke
4	323-12	1	Screw-HH
5	323-13	3	Screw-HH
6	100-9819	1	Latch ASM
7	100-9821	1	Plate-Switch, Reed
8	93-8062	1	Decal-Brake, Parking
9	105-0463-01	1	Plate-Footrest
10	117-9523	1	Decal-Regulatory
11	3229-11	2	Screw-CARR
12	32141-111	1	Nut-Adjusting
13	95-1629	1	Hinge-Lower
14	3256-1	9	Washer-Flat
15	3296-16	2	Nut-Lock, NI
16	3274-31	4	Screw-HSBH
17	32148-6	7	Nut-Clinch
18	321-4	2	Screw-HH
19	83-0200-01	1	Plate-Cover, LH

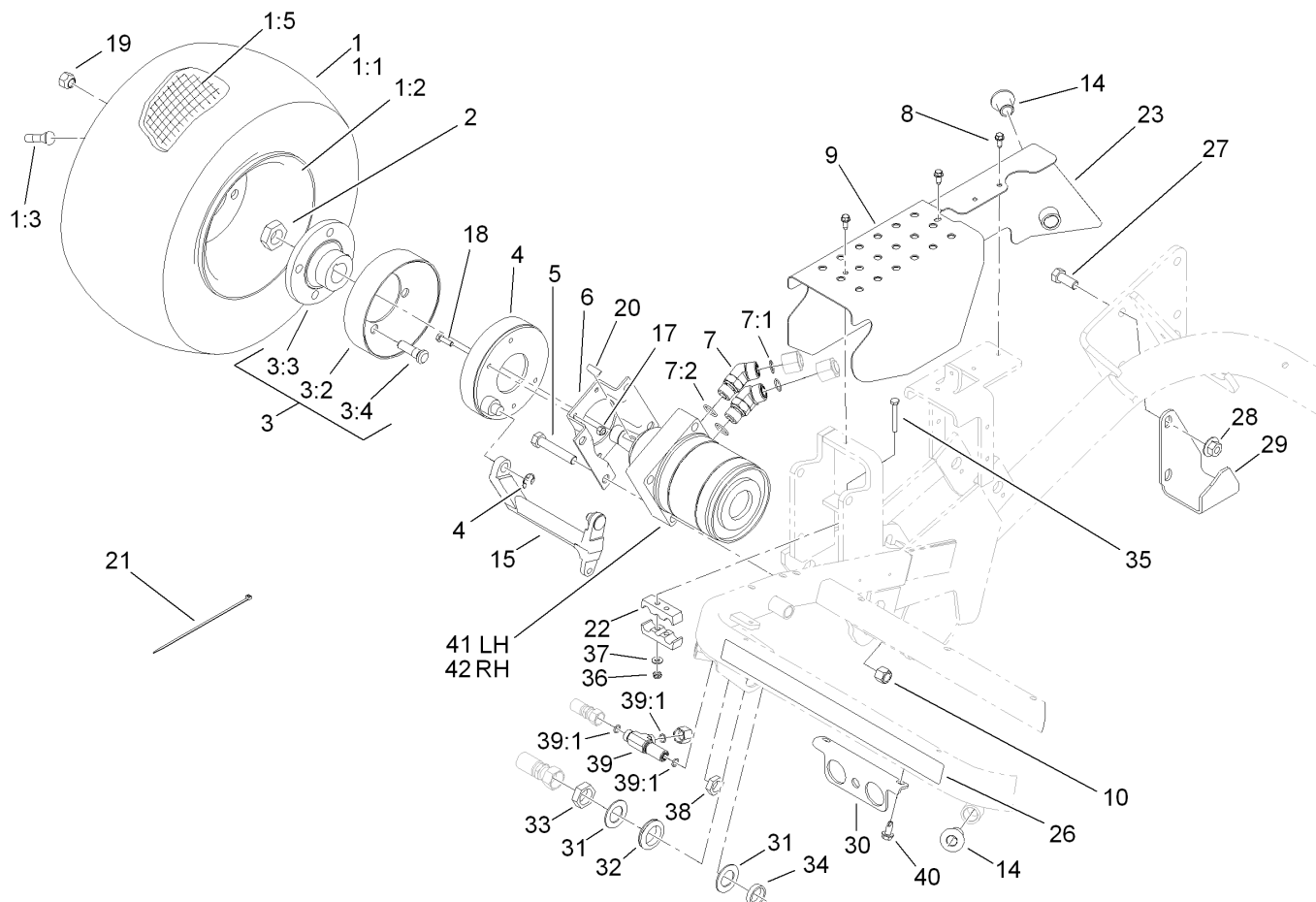
Ref.	Part Number	Qty.	Description
20	32128-33	2	Nut-HF
21	3272-6	2	Pin-Cotter
24	115-6676	2	Brake Rod ASM
26	32121-35	4	Pin-Roll
27	88-9640-01	1	Bracket-Lift Pivot, LH
28	104-8301	3	Nut-HF, NI
29	3296-59	1	Nut-Lock, NI
30	83-0160	1	Shaft-Brake
32	93-7629	1	Pad-Foot, Brake
33	105-0440-01	1	Bracket-Brake, RH
34	10-8140	1	Spring-Latch, Brake
35	321-3	3	Screw-HH
36	104-2057	1	Sensor
37	33113-016	2	Screw-HH
38	33093-00	2	Washer-Flat
39	33023-00	2	Nut-Lock
40	75-5470	2	Spacer-Bearing



Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	106-4620	1	Pivot Mount ASM
1:2	256-155	4	Bushing-Flange
3	3230-1	2	Bolt-CARR
4	3254-8	1	Washer-Lock
5	104-8300	2	Nut-HF, NI
6	115-3256	1	Lock ASM
7	32120-47	4	Ring-Retaining, External
8	323-6	1	Screw-HH
9	3217-7	1	Nut-Hex
10	106-4621	1	Support ASM
10:2	256-116	2	Bushing-Flange
13	105-5430	1	Rod-Connecting
14	32120-18	2	E-Ring
15	2411-38	2	Joint-Ball
16	93-2092	1	Clamp-Cable
17	9266934	2	Screw
19	93-2279	1	Clamp-Cable
20	322-1	2	Screw-HH
21	105-5429	1	Spacer-Pedal, Traction
22	105-5445	1	Cable-Traction
22:1	3220-1	2	Nut-Jam

Ref.	Part Number	Qty.	Description
24	74-9110	1	Pad-Pedal, Reverse
25	105-5421-01	1	Pedal-Traction
26	49-6440-03	1	Pedal-Forward
27	74-9100	1	Pad-Pedal, Forward
28	32121-45	1	Pin-Spring
29	256-155	2	Bushing-Flange
30	32128-20	1	Nut-HF
31	3256-24	2	Washer-Flat
32	17-9426	1	Screw-Handle
34	105-5444	1	Cable-Lock, Neutral
34:1	3219-14	2	Nut-Hex
35	3296-56	1	Nut-Lock, NI
37	105-8318	1	Washer-Flat
38	2411-41	1	Rod End-Ball Joint
39	80-0650	1	Spacer-Tubular
40	321-10	1	Screw-HH
47	3219-14	1	Nut-Hex
48	302-5	2	Fitting-Grease
49	302-60	1	Fitting-Grease
50	3256-76	1	Washer-Flat

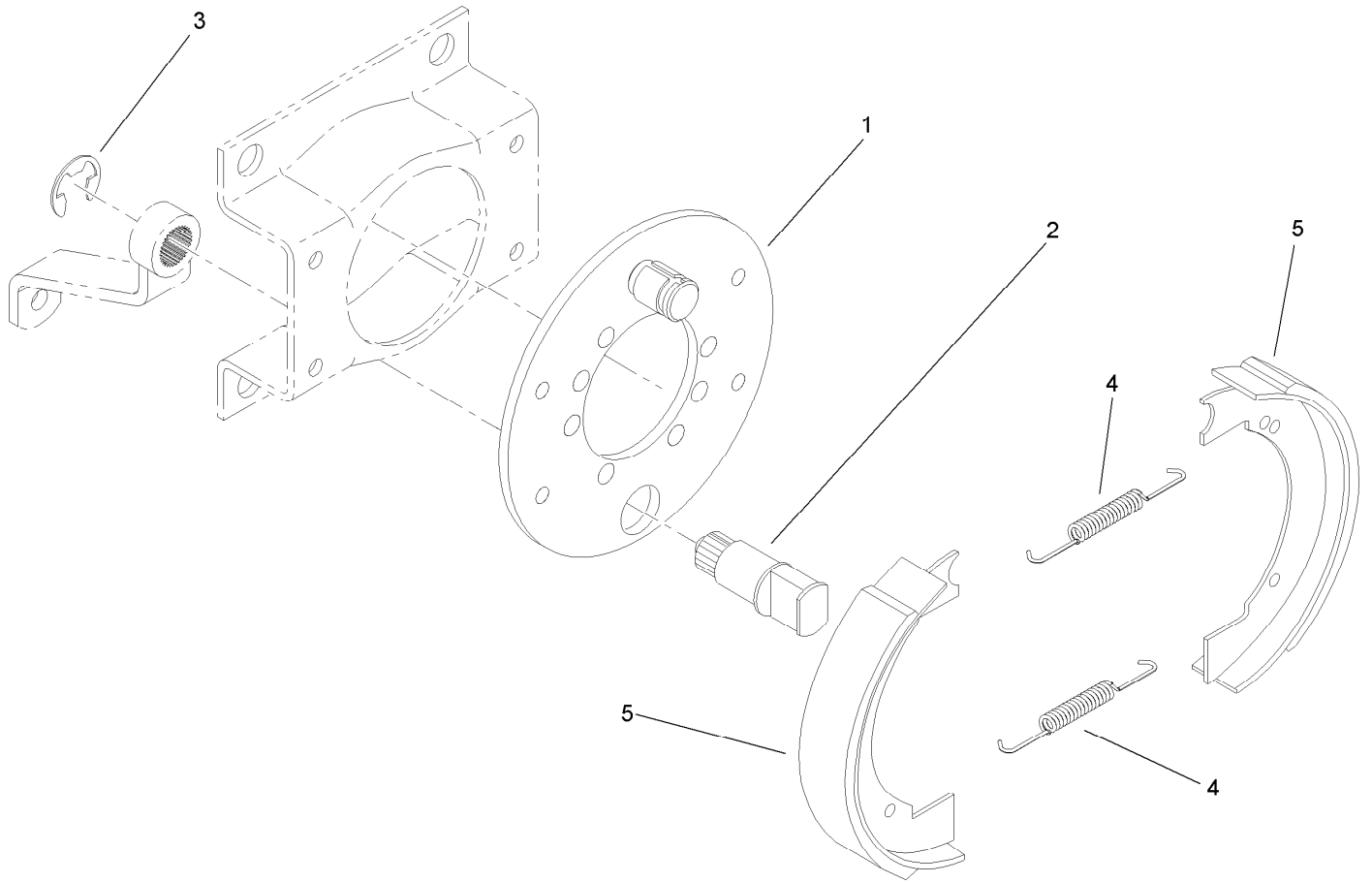


Front Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1		2	Wheel And Tire ASM ●
1:1	28-3680	1	Tire
1:2	217-60	1	Rim
1:3	232-27	1	Stem-Valve
1:5	232-37	1	Tube
2	26-3790	2	Nut-Lock
3	10-6821	2	Brake Drum ASM
3:2	10-6850	1	Drum-Brake
3:3	10-6870-03	1	Hub-Wheel
3:4	85-6540	4	Stud-Drive
4	104-7705	2	Brake ASM
5	325-11	8	Screw-HH
6	84-2000-03	2	Bracket-Brake
7	340-14	4	Fitting-HYD, 45 DEG
7:1	237-65	1	O-Ring
7:2	237-80	1	O-Ring
8	32144-10	4	Screw-HWH
9	105-0433-01	1	Channel-Step, RH
10	3296-23	8	Nut-Lock, NI
14	83-1700	3	Bushing-Flange
15	93-2096	2	Lever-Brake
17	3296-42	8	Nut-Lock, NI
18	321-5	8	Screw-HH

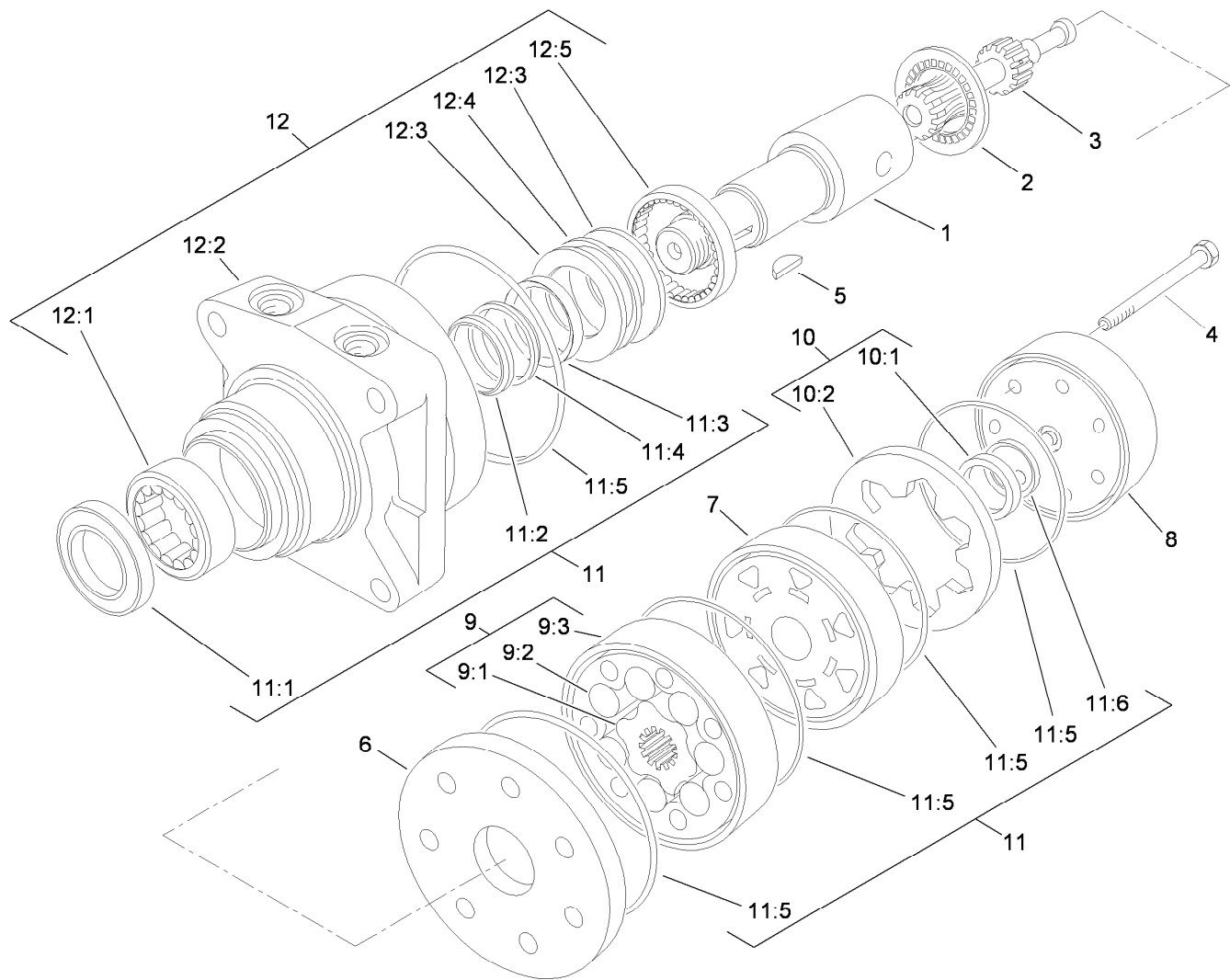
Ref.	Part Number	Qty.	Description
19	242-50	8	Nut-Lug
20	3257-42	2	Key-Woodruff
21	3290-378	3	Tie-Cable
22	93-2509	2	Clamp-Tube
23	105-8282-01	1	Shield-Side
26	115-5216	1	Decal
27	325-5	2	Screw-HH
28	32128-52	2	Nut-Lock, Flange
29	105-8263-01	1	Bracket-ROPS
30	107-2552-01	1	Bracket-Bulkhead
31	69-9010	2	Washer
32	240-3	1	Grommet-Rubber
33	340-74	1	Nut-Lock, Bulkhead
34	69-9000	1	Spacer
35	321-11	2	Screw-HH
36	3296-56	2	Nut-Lock, NI
37	3256-22	2	Washer-Flat
38	340-70	1	Nut-Lock
39	340-68	1	Fitting-Tee, Bulkhead
39:1	237-22	3	O-Ring
40	32104-32	2	Screw-HWH
41	110-4015	1	HYD Motor ASM (CCW)
42	110-4016	1	HYD Motor ASM (CW)

● Not serviced separately



Brake Assembly No. 104-7705

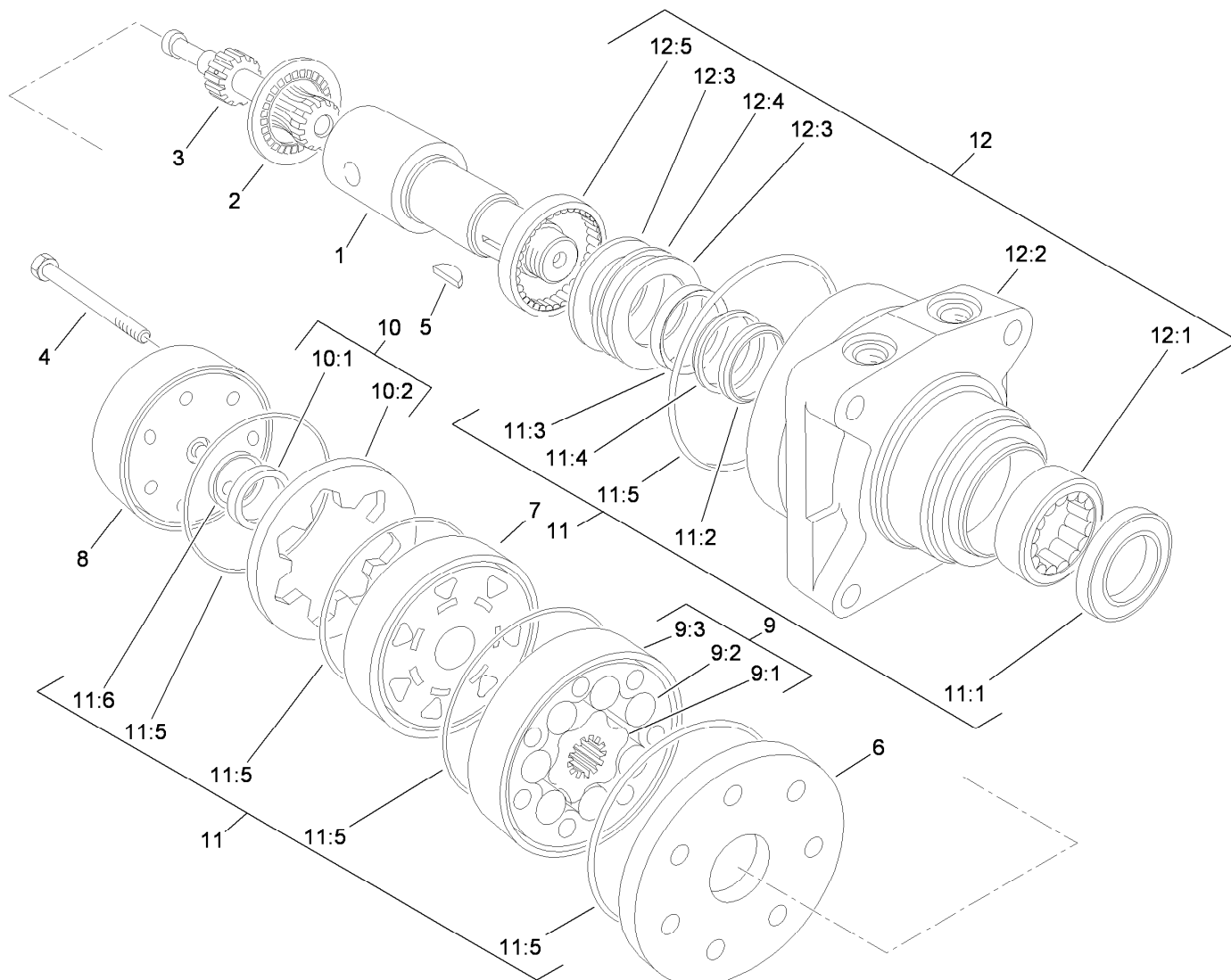
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



LH Hydraulic Motor Assembly No. 110-4015

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	76-0860	1	Shaft-Coupling	10:2		1	Ring-Commutator ●
2	76-0850	1	Bearing-Thrust	11	94-8178	1	Seal Kit
3	92-9761	1	Link-Drive	11:1		1	Seal-Dirt And Water ●
4	92-9762	7	Screw-HH	11:2		1	Backup-Ring ●
5	3257-42	1	Key-Woodruff	11:3		1	Seal-Shaft ●
6	92-9754	1	Plate-Wear	11:4		1	Washer-Backup ●
7	76-0840	1	Manifold	11:5		5	Seal-Square, Ring (Inner) ●
8	76-0940	1	End Cover ASM	11:6		1	Seal-Commutator ●
9	92-9763	1	Rotor Set	12	76-0810	1	Housing ASM
9:1		1	Rotor ●	12:1		1	Bearing ●
9:2		1	Vane ●	12:2		1	Housing ●
9:3		1	Stator ●	12:3		2	Washer-Thrust ●
10	76-0880	1	Commutator ASM	12:4		1	Bearing-Thrust ●
10:1		1	Commutator ●	12:5		1	Bearing ●

● Not serviced separately

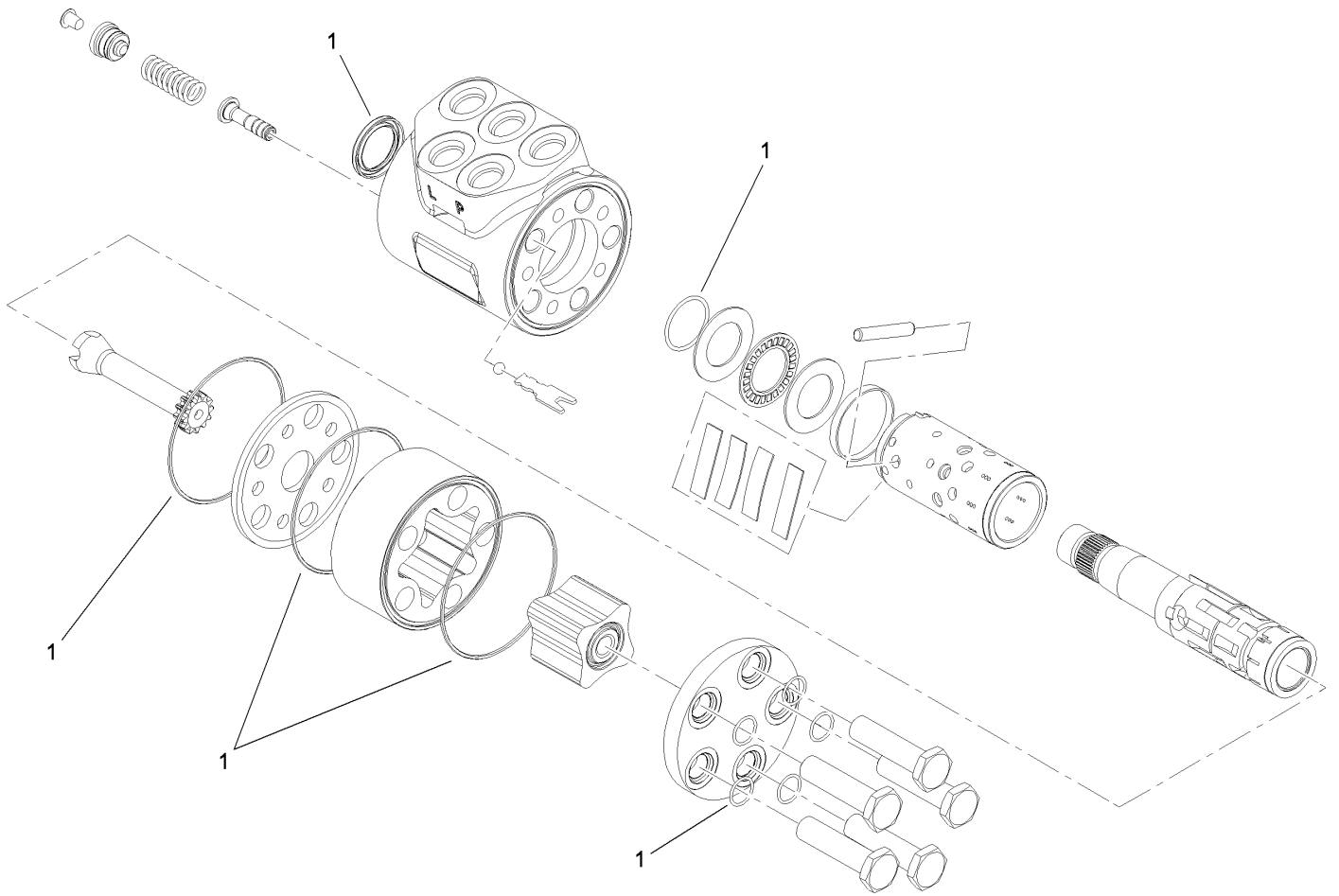


RH Hydraulic Motor Assembly No. 110-4016

Ref.	Part Number	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	92-9761	1	Link-Drive
4	92-9762	7	Screw-HH
5	3257-42	1	Key-Woodruff
6	92-9754	1	Plate-Wear
7	76-0840	1	Manifold
8	76-0940	1	End Cover ASM
9	92-9763	1	Rotor Set
9:1		1	Rotor ●
9:2		1	Vane ●
9:3		1	Stator ●
10	76-0880	1	Commutator ASM
10:1		1	Commutator ●

Ref.	Part Number	Qty.	Description
10:2		1	Ring-Commutator ●
11	94-8178	1	Seal Kit
11:1		1	Seal-Dirt And Water ●
11:2		1	Backup-Ring ●
11:3		1	Seal-Shaft ●
11:4		1	Washer-Backup ●
11:5		5	Seal-Square, Ring (Inner) ●
11:6		1	Seal-Commutator ●
12	76-0810	1	Housing ASM
12:1		1	Bearing ●
12:2		1	Housing ●
12:3		2	Washer-Thrust ●
12:4		1	Bearing-Thrust ●
12:5		1	Bearing ●

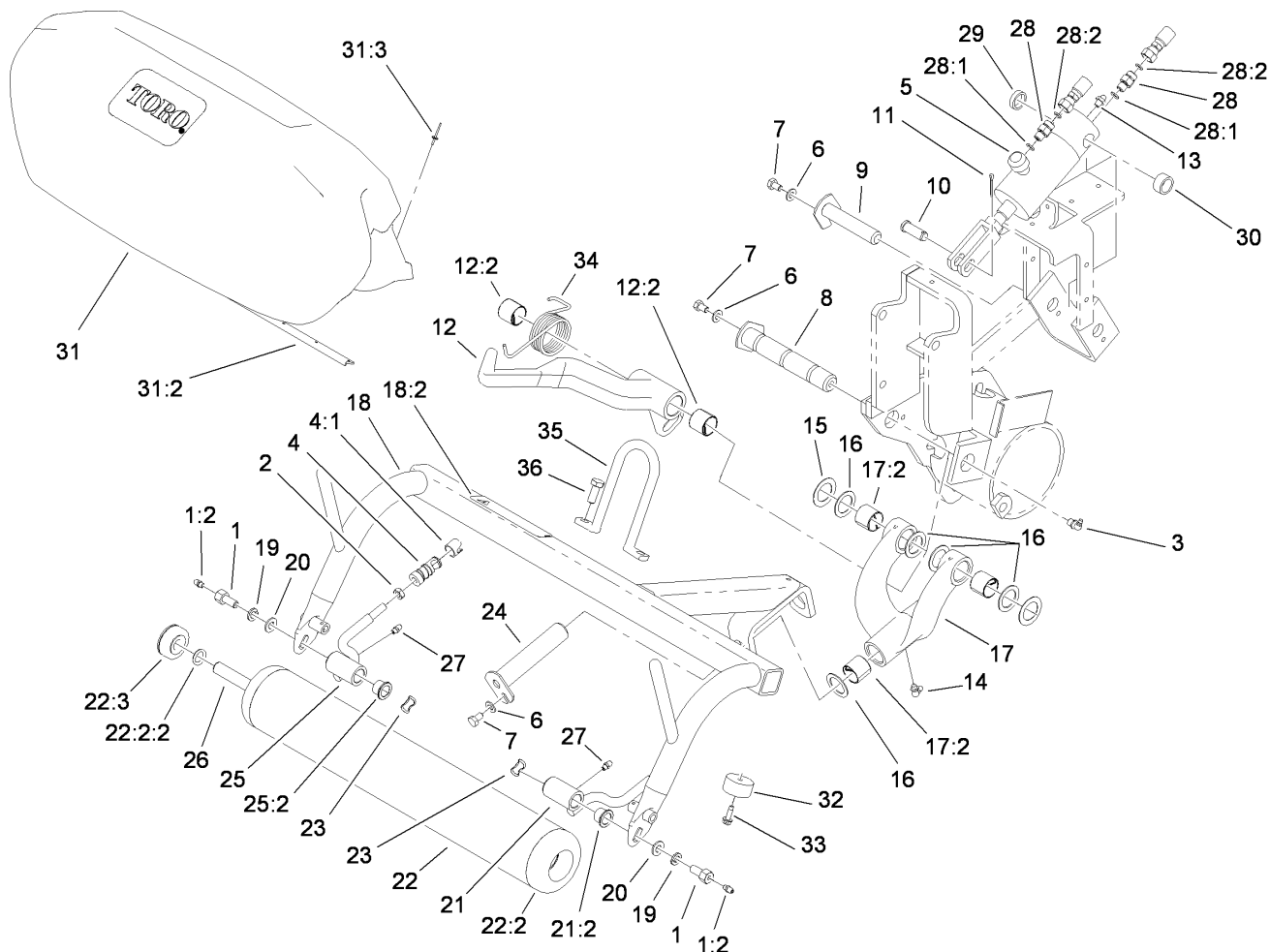
● Not serviced separately



Steering Valve Assembly No. 114-4672

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-6716	1	Seal Kit

● Not serviced separately

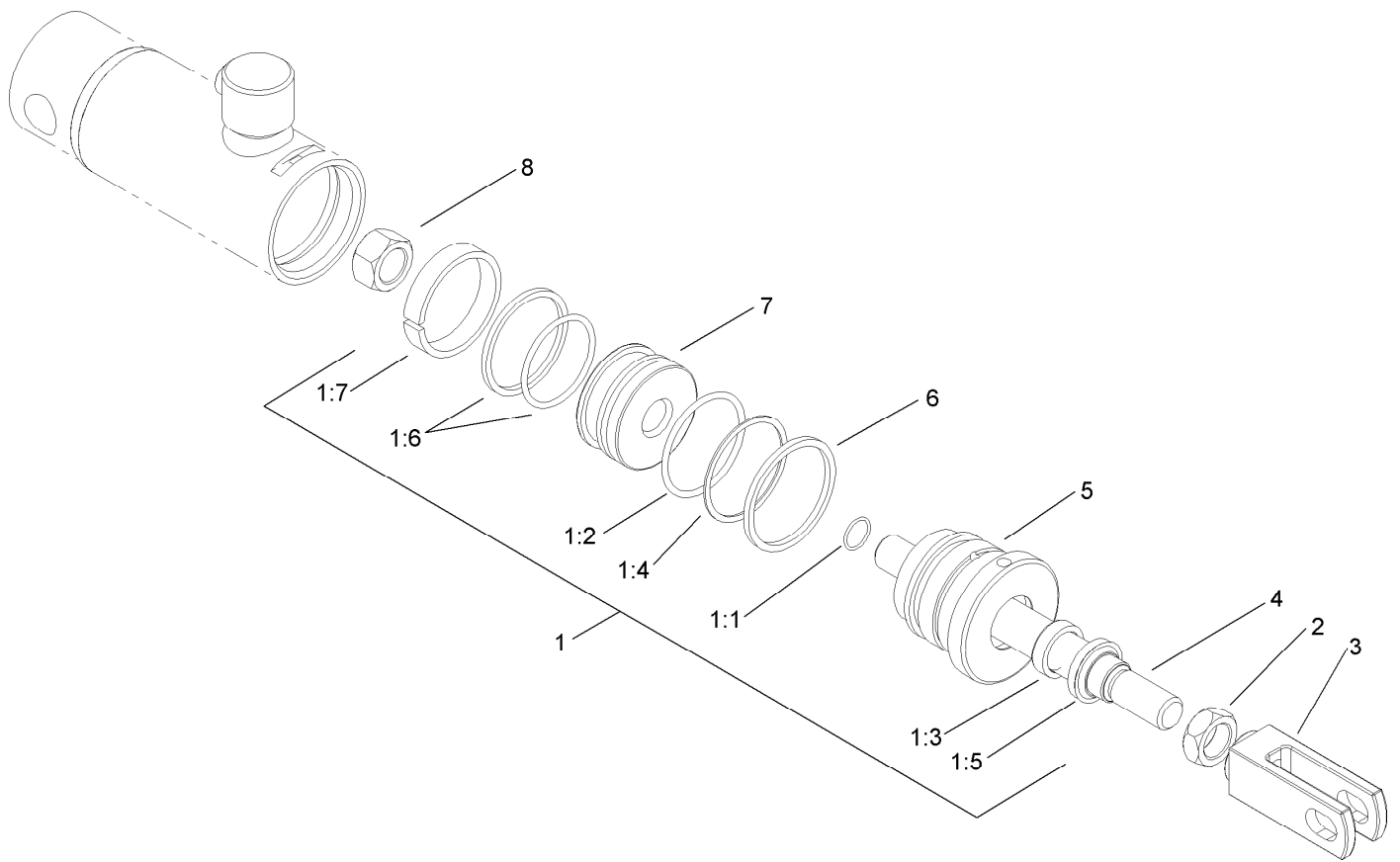


Right Hand Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	11-0160	2	Roller Shaft Screw ASM
1:2	302-5	1	Fitting-Grease
2	3220-3	2	Nut-HJ
3	302-33	1	Fitting-Grease
4	99-1460	2	Ball Joint Receiver ASM
4:1	99-1461	1	Sleeve-Joint, Ball
5	106-9066	1	HYD Cylinder ASM
6	3256-23	3	Washer-Plain
7	322-1	3	Screw-HH
8	114-4683	1	Pin-Hinge
9	10-6060	1	Pin-Pivot
10	283-8	1	Pin-Clevis
11	3272-11	1	Pin-Cotter
12	107-2599	1	RH Lift Arm ASM
12:2	3-0348	2	Bushing
13	302-2	1	Fitting-Grease
14	302-60	1	Fitting-Grease
15	5-1226	4	Washer
16	10-8110	6	Washer-Thrust
17	10-7820	1	Pivot Hinge ASM
17:2	3-0348	4	Bushing
18	117-9543	1	RH Pull Frame ASM
18:2	104-7729	1	Decal-Danger, CE
19	3253-21	2	Washer-Lock
20	3256-24	2	Washer-Flat

Ref.	Part Number	Qty.	Description
21	92-0586	1	Pull Arm ASM
21:2	3-1506	2	Bushing
22	99-4277	1	Roller ASM
22:2		2	Hub Yoke ASM ●
22:2:2	253-83	1	Seal-Oil
22:3	251-141	2	Bearing-Ball
23	3290-317	2	Washer-Spring
24	10-6090	1	Pin-Pivot
25	92-0585	1	Pull Arm ASM
25:2	3-1506	2	Bushing
26	21-8470	1	Shaft-Roller
27	302-5	2	Fitting-Grease
28	340-92	2	Fitting-Straight
28:1	237-78	1	O-Ring
28:2	237-21	1	O-Ring
29	105-3828	1	Spacer
30	74-3730	1	Spacer-Spindle, Rear
31	108-8642	3	Grass Basket ASM
31:2	104-2607	1	Strip-Basket
31:3	3290-382	8	Rivet-Pop
32	94-4548	2	Bumper-Recessed
33	32104-95	2	Screw-HWH
34	110-3951	1	Spring-Torsion, RH
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH

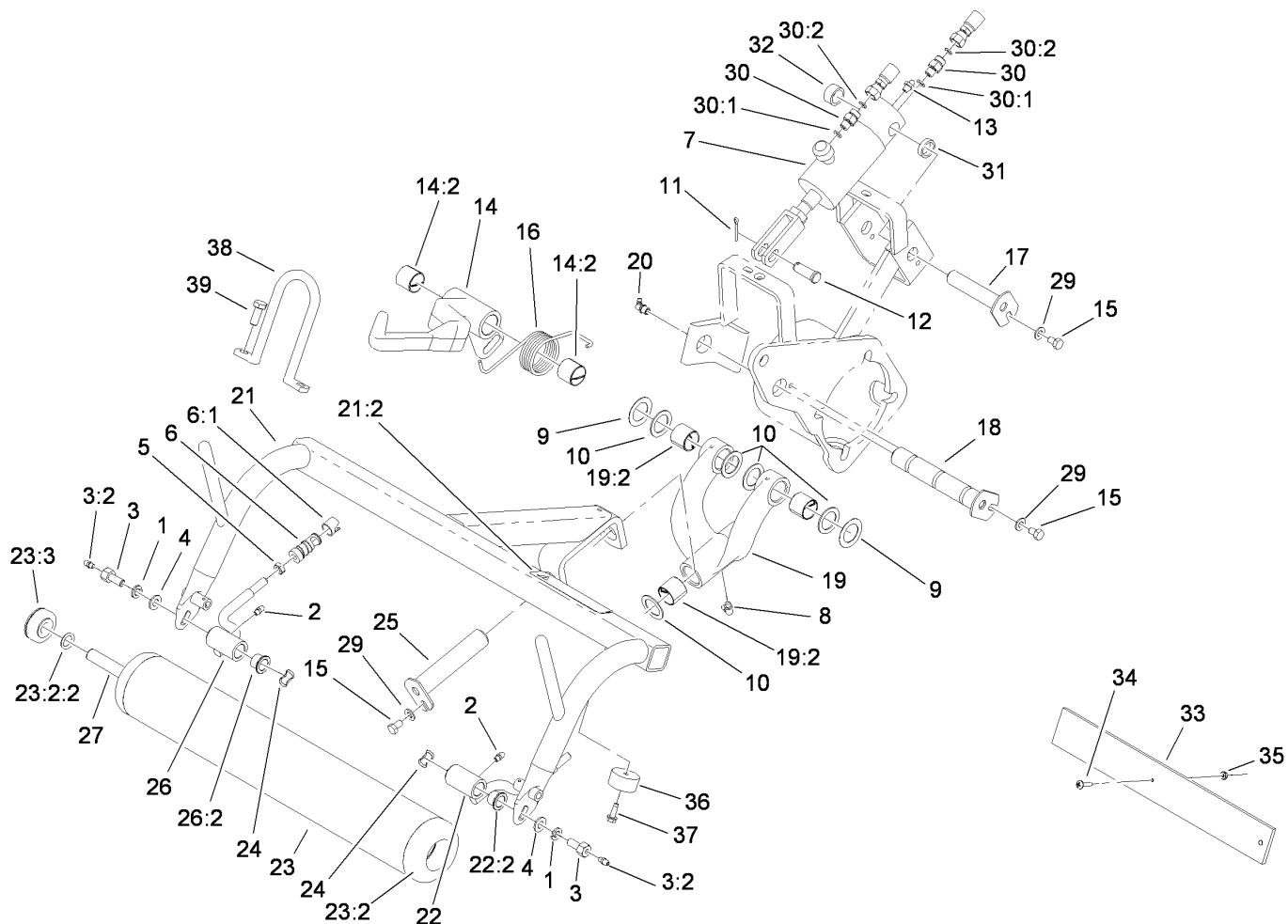
● Not serviced separately



Hydraulic Cylinder Assembly No. 106-9066

Ref.	Part Number	Qty.	Description
1	107-2564	1	Seal Kit
1:1		1	Ring-Retaining ●
1:2		1	Ring-Retaining ●
1:3		1	Seal ●
1:4		1	Back-Up ●
1:5		1	Wiper ●
1:6		1	Seal-W/Out Ring ●
1:7		1	Ring-Wear ●
2	3220-6	1	Nut-Jam
3	106-9065	1	Clevis-Cylinder
4		1	Rod ●
5		1	Head ●
6	119-3501	1	Ring-Retaining
7		1	Piston ●
8		1	Locknut ●

● Not serviced separately

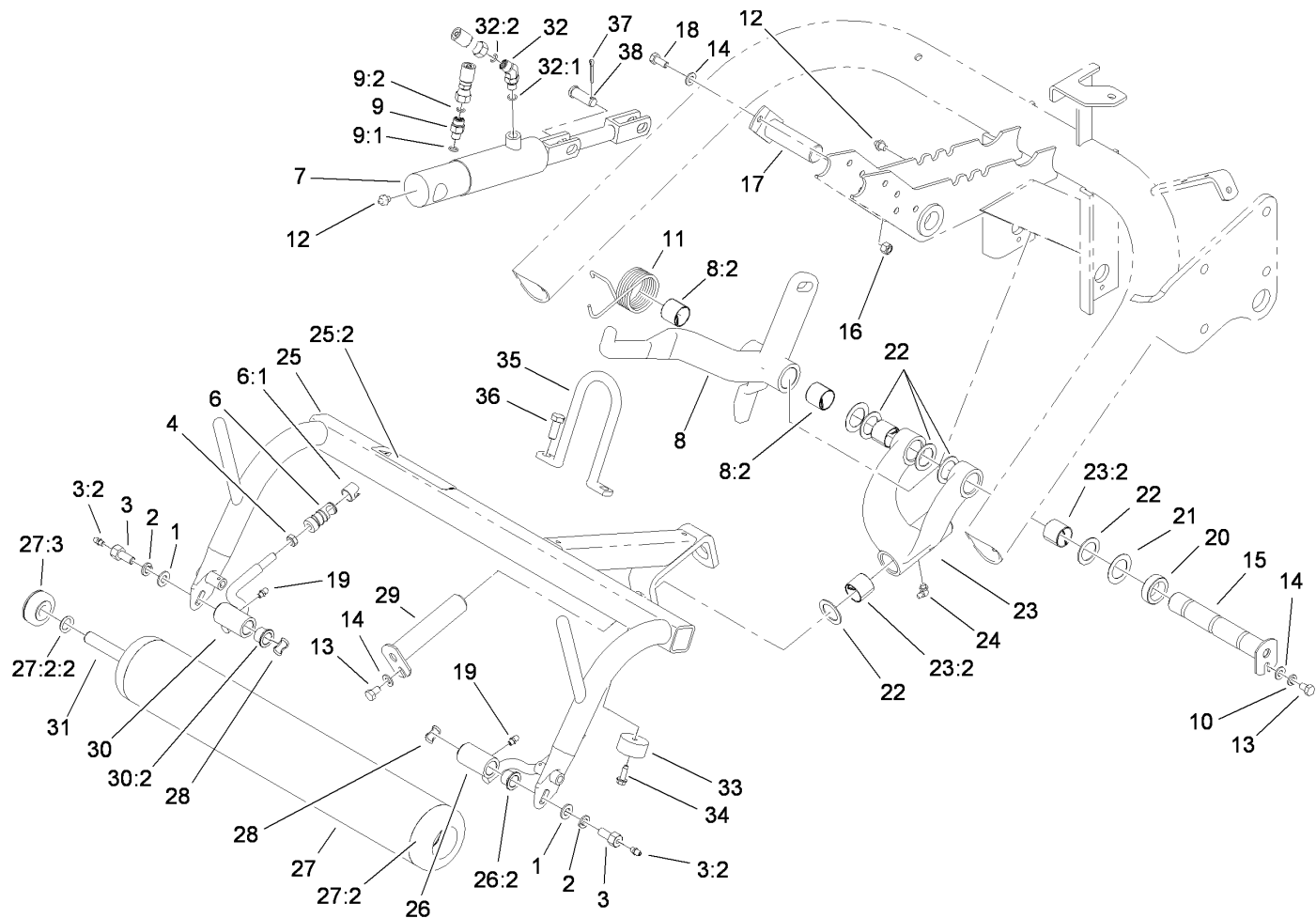


Left Hand Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	3253-21	2	Washer-Lock
2	302-5	2	Fitting-Grease
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3256-24	2	Washer-Flat
5	3220-3	2	Nut-HJ
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9066	1	HYD Cylinder ASM
8	302-60	1	Fitting-Grease
9	5-1226	4	Washer
10	10-8110	6	Washer-Thrust
11	3272-11	1	Pin-Cotter
12	283-8	1	Pin-Clevis
13	302-2	1	Fitting-Grease
14	107-2598	1	LH Lift Arm ASM
14:2	3-0348	2	Bushing
15	322-1	3	Screw-HH
16	110-3952	1	Spring-Torsion, LH
17	10-6060	1	Pin-Pivot
18	114-4683	1	Pin-Hinge
19	10-7820	1	Pivot Hinge ASM
19:2	3-0348	4	Bushing
20	302-33	1	Fitting-Grease
21	117-9542	1	LH Pull Frame ASM

Ref.	Part Number	Qty.	Description
21:2	104-7729	1	Decal-Danger, CE
22	92-0586	1	Pull Arm ASM
22:2	3-1506	2	Bushing
23	99-4277	1	Roller ASM
23:2		2	Hub Yoke ASM ●
23:2:2	253-83	1	Seal-Oil
23:3	251-141	2	Bearing-Ball
24	3290-317	2	Washer-Spring
25	10-6090	1	Pin-Pivot
26	92-0585	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	21-8470	1	Shaft-Roller
29	3256-23	3	Washer-Plain
30	340-92	2	Fitting-Straight
30:1	237-78	1	O-Ring
30:2	237-21	1	O-Ring
31	105-3828	1	Spacer
32	74-3730	1	Spacer-Spindle, Rear
33	65-8320	1	Bar-Gauge
34	32122-22	1	Screw-PTH
35	3219-14	1	Nut-Hex
36	94-4548	2	Bumper-Recessed
37	32104-95	2	Screw-HWH
38	105-5740	1	Hook-Lift
39	33115-025	2	Screw-HH

● Not serviced separately

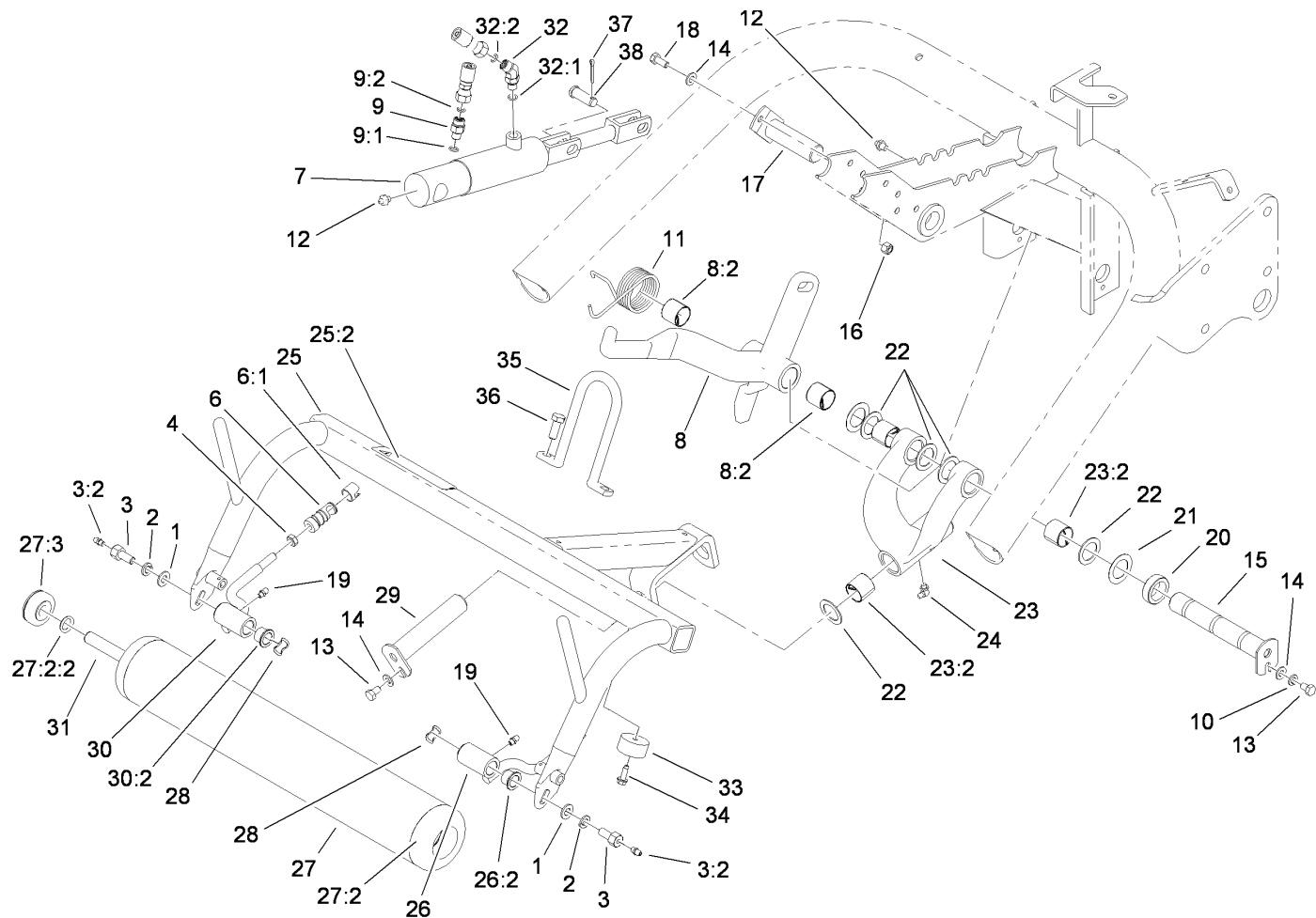


Center Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3220-3	2	Nut-HJ
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9064	1	HYD Cylinder ASM
8	110-3955	1	Center Lift Arm ASM
8:2	3-0348	2	Bushing
9	340-92	1	Fitting-Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	3253-4	1	Washer-Lock
11	110-3953	1	Spring-Torsion, Center
12	302-2	2	Fitting-Grease
13	322-1	2	Screw-HH
14	3256-23	3	Washer-Plain
15	114-4685	1	Pin-Hinge
16	3296-29	1	Nut-Lock, NI
17	68-5560	1	Pin-Cylinder, Pivot
18	322-3	1	Screw-HH
19	302-5	2	Fitting-Grease
20	93-2384	1	Spacer-Carrier
21	5-1226	4	Washer

Ref.	Part Number	Qty.	Description
22	10-8110	6	Washer-Thrust
23	105-0452	1	Pivot Hinge ASM
23:2	3-0348	4	Bushing
24	302-60	1	Fitting-Grease
25	117-9541	1	Center Pull Frame ASM
25:2	104-7729	1	Decal-Danger, CE
26	92-0586	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	99-4277	1	Roller ASM
27:2	253-83	2	Hub Yoke ASM ●
27:2:2	251-141	1	Seal-Oil
27:3	251-141	2	Bearing-Ball
28	3290-317	2	Washer-Spring
29	10-6090	1	Pin-Pivot
30	92-0585	1	Pull Arm ASM
30:2	3-1506	2	Bushing
31	21-8470	1	Shaft-Roller
32	340-103	1	Fitting-HYD, 45 DEG
32:1	237-78	1	O-Ring
32:2	237-21	1	O-Ring
33	94-4548	2	Bumper-Recessed
34	32104-95	2	Screw-HWH
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH

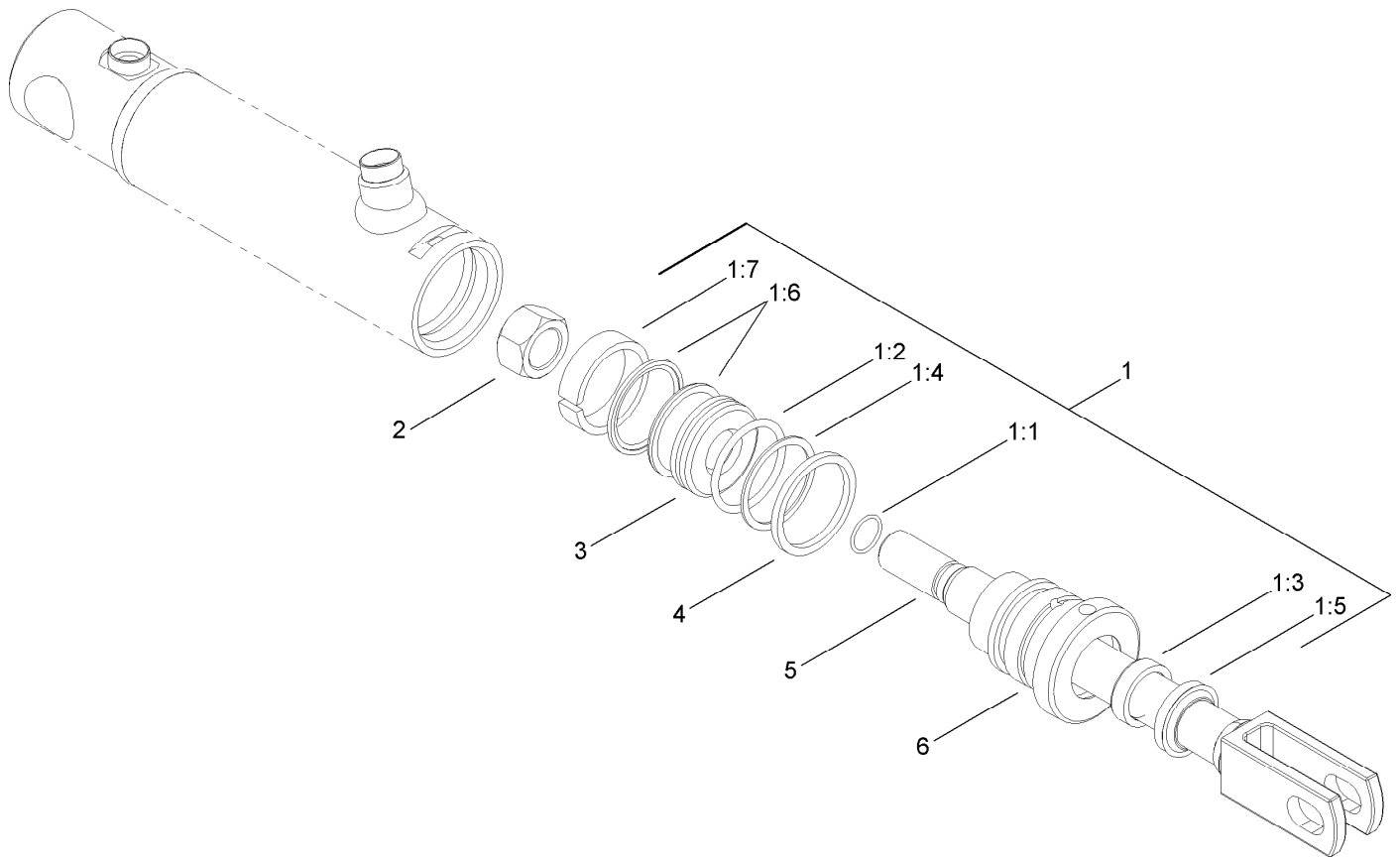
● Not serviced separately



Center Pull Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
37	3272-11	1	Pin-Cotter
38	283-8	1	Pin-Clevis

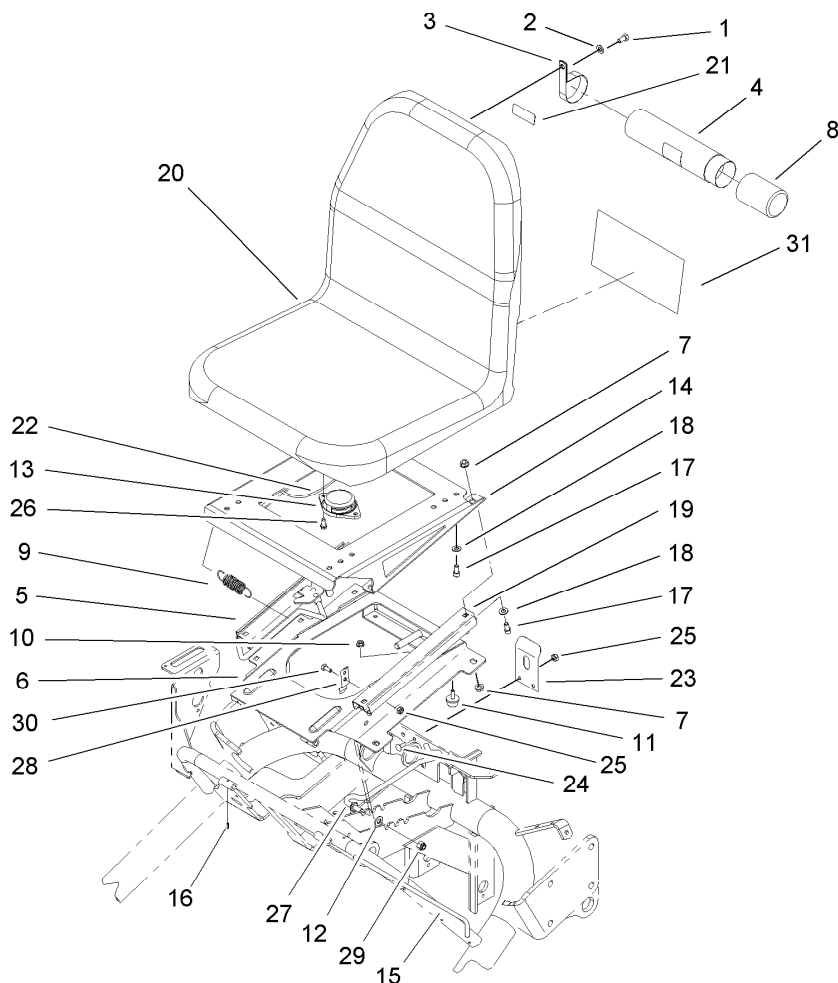
● Not serviced separately



Hydraulic Cylinder Assembly No. 106-9064

Ref.	Part Number	Qty.	Description
1	107-2563	1	Seal Kit
1:1		1	Ring-Retaining ●
1:2		1	Ring-Retaining ●
1:3		1	Seal ●
1:4		1	Back-Up ●
1:5		1	Wiper ●
1:6		1	Seal W/Loader ●
1:7		1	Wear Ring ●
2		1	Locknut ●
3		1	Piston ●
4	117-9548	1	Ring-Retaining
5		1	Rod ASM ●
6		1	Head ●

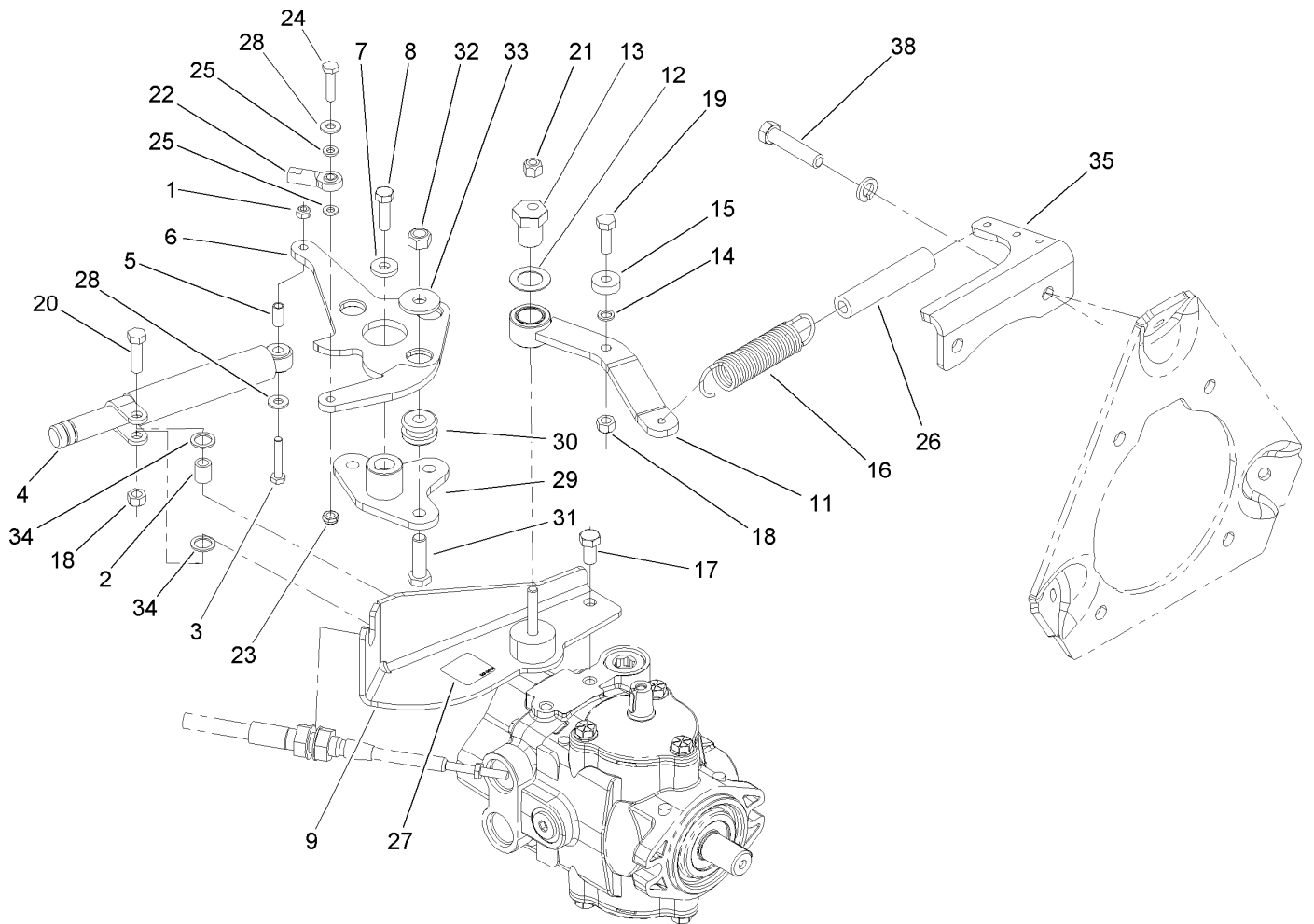
● Not serviced separately



Seat Assembly

Ref.	Part Number	Qty.	Description
1	322-2	2	Screw-HH
2	3256-23	2	Washer-Plain
3	2412-133	2	Clamp-R
4	104-7050	1	Tube-Manual
5	105-8265	1	Adjuster-Seat
6	105-0464-03	1	Plate-Seat
7	32128-25	8	Nut-HF
8	104-7048	1	Cap-Housing
9	88-6330	1	Spring-Extension
10	32128-33	2	Nut-HF
11	1-523420	2	Bumper
12	3256-24	1	Washer-Flat
13	92-6282	1	Switch-Seat
14	105-0466-03	1	Plate-Seat, Upper
15	105-0483	1	Rod-Pivot, Seat
16	32121-7	1	Pin-Roll, Slotted
17	3274-12	8	Screw-HSH
18	3256-23	8	Washer-Plain
19	51-0780	1	Slider-Seat
20	104-4620	1	Seat
21	93-6686	1	Decal-Oil, HYD

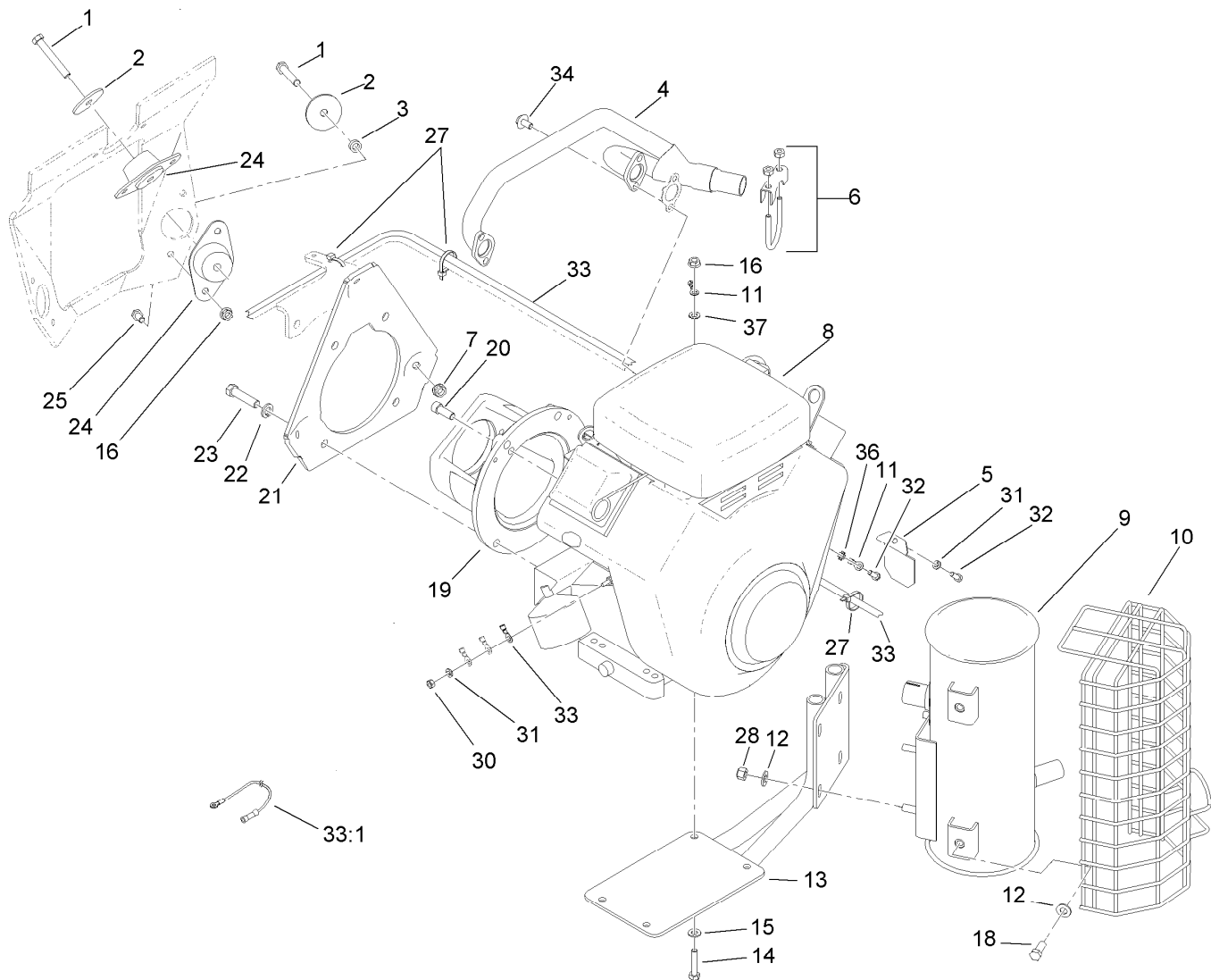
Ref.	Part Number	Qty.	Description
22	108-9466	1	Harness-Wire, Seat
23	66-2630	1	Latch-Seat
24	3229-1	2	Screw-CARR
25	3296-16	4	Nut-Lock, NI
26	32144-10	2	Screw-HWH
27	106-4643	1	Rod-Prop, Seat
28	68-5310	1	Clip-Rod, Prop
29	3296-39	1	Nut-Lock, NI
30	321-3	2	Screw-HH
31	105-8292	1	Decal-Spanish
31	105-8293	1	Decal-French
31	105-8294	1	Decal-German
31	105-8295	1	Decal-Swedish
31	105-8296	1	Decal-Italian
31	105-8297	1	Decal-Portuguese
31	105-8298	1	Decal-Norwegian
31	105-8299	1	Decal-Finnish
31	105-8300	1	Decal-Danish
31	105-8301	1	Decal-Dutch
31	105-8302	1	Decal-Japan
31	115-3030	1	Decal-Service



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	105-5477-03	1	Lever-Pump
7	88-7200	1	Washer-Flat
8	3210-6	1	Screw-HH
9	105-5475	1	Cable Support ASM
11	105-4302	1	Neutral Arm ASM
12	3-6498	1	Washer-Thrust
13	93-2111	1	Stud-Traction
14	75-5470	1	Spacer-Bearing
15	251-259	1	Bearing-Ball
16	94-1369	1	Spring-Extension
17	323-4	2	Screw-HH
18	33024-00	2	Nut-Lock, NI
19	33114-025	1	Screw-HH

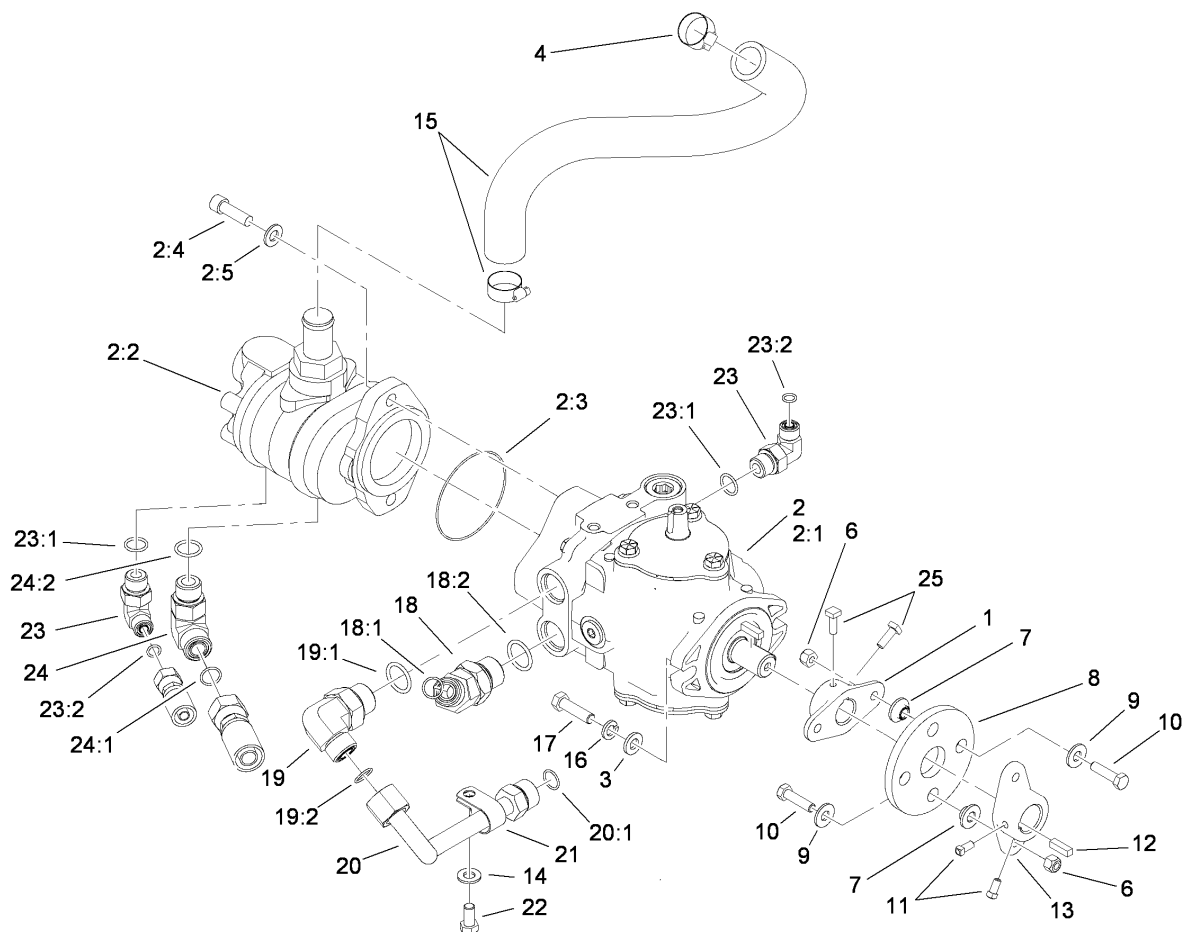
Ref.	Part Number	Qty.	Description
20	33114-030	1	Screw-HH
21	3296-29	1	Nut-Lock, NI
22	2411-41	1	Rod End-Ball Joint
23	3296-56	1	Nut-Lock, NI
24	321-7	1	Screw-HH
25	33093-00	2	Washer-Flat
26	99-4251	1	Hose-Dampener
27	93-9051	1	Decal-Bolt, Eccentric
28	3256-22	2	Washer-Flat
29	94-3486	1	Plate
30	63-9750	3	Mount
31	33115-035	3	Screw-HH
32	33025-00	3	Nut-Lock, NI
33	2844	3	Washer
34	94-8196	2	Washer-Nylon
35	105-4307-03	1	Bracket-Spring
38	324-8	2	Screw-HH



Engine Installation Assembly

Ref.	Part Number	Qty.	Description
1	323-12	3	Screw-HH
2	83-1040	3	Washer-Flat
3	83-1050	2	Spacer
4	108-6539	1	Manifold-Exhaust
5	83-2310	1	Shield-Regulator
6	2112-11	1	Clamp-Muffler
7	3290-357	3	Nut-HHF, Whiz
8	108-6499	1	Engine-Vanguard, Briggs And Stratton
9	110-4001	1	Muffler
10	112-0291	1	Shield-Muffler
11	108-6486	1	Wire-Ground
12	3256-24	8	Washer-Flat
13	112-9196-03	1	Mount-Muffler
14	322-8	4	Screw-HH
15	3256-23	4	Washer-Plain
16	32128-20	8	Nut-HF
18	323-5	4	Screw-HH

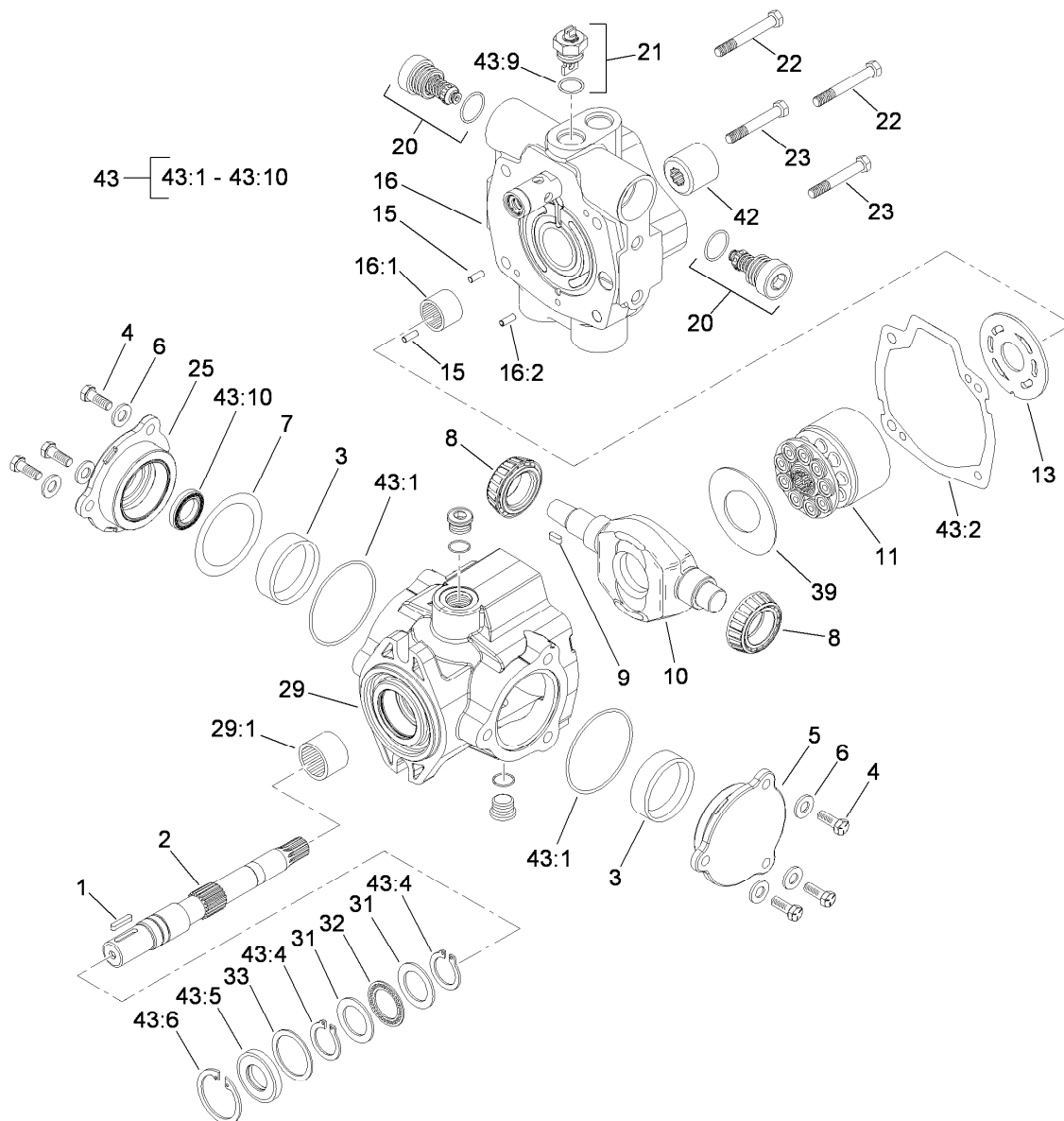
Ref.	Part Number	Qty.	Description
19	83-1060-03	1	Adapter-Pump
20	3274-7	2	Screw-HSH
21	85-8120-03	1	Plate-Mount, Engine
22	3253-6	4	Washer-Lock
23	324-7	2	Screw-HH
24	107-2560	3	Mount-Engine
25	322-3	6	Screw-HH
27	3290-379	4	Tie-Cable
28	32152-2	4	Nut-Lock, Cone
30	43-2830	1	Nut-Hex
31	3253-3	2	Washer-Lock
32	32144-10	2	Screw-HWH
33	105-8276	1	Harness-Wire, Engine
33:1	106-4642	1	Harness-Wire, Fusible Link
34	94-5300	4	Screw-HHF
36	3255-7	1	Washer-Lock/EXT
37	3255-8	1	Washer-Lock



Hydrostat and Gear Pump Drive Assembly

Ref.	Part Number	Qty.	Description
1	110-5227	1	Hub-Pump
2	105-0453	1	Hydrostat/Gear Pump ASM
2:1	105-0494	1	Hydrostat ASM
2:2	104-7737	1	Gear Pump ASM
2:3	60-3520	1	O-Ring
2:4	3274-1	2	Screw-HSH
2:5	3256-24	2	Washer-Flat
3	100-4852	2	Washer-Hardened
4	105-8285	1	Hose-Inlet, Pump
6	3296-29	4	Nut-Lock, NI
7	27-6600	4	Spacer-Coupling
8	115-4523	1	Coupling-Rubber
9	3256-3	4	Washer-Flat
10	322-6	4	Screw-HH
11	3241-7	2	Screw-SQH
12	10-7070	1	Key-Square
13	110-5236	1	Hub-Engine
14	3256-24	1	Washer-Flat
15	2412-34	2	Clamp-Hose

Ref.	Part Number	Qty.	Description
16	3253-21	2	Washer-Lock
17	323-29	2	Screw-HH
18	340-156	1	Fitting-Elbow 45
18:1	237-65	1	O-Ring
18:2	237-81	1	O-Ring
19	340-139	1	Fitting-Elbow 90
19:1	237-81	1	O-Ring
19:2	237-65	1	O-Ring
20	105-8307	1	Tube-HYD, Traction
20:1	237-65	1	O-Ring
21	2412-41	1	Clamp-R
22	323-4	1	Screw-HH
23	340-18	2	Fitting-HYD, 90 DEG
23:1	237-79	1	O-Ring
23:2	237-22	1	O-Ring
24	340-17	1	Fitting-Elbow, 90 DEG
24:1	237-65	1	O-Ring
24:2	237-80	1	O-Ring
25	3241-6	2	Screw-SQH

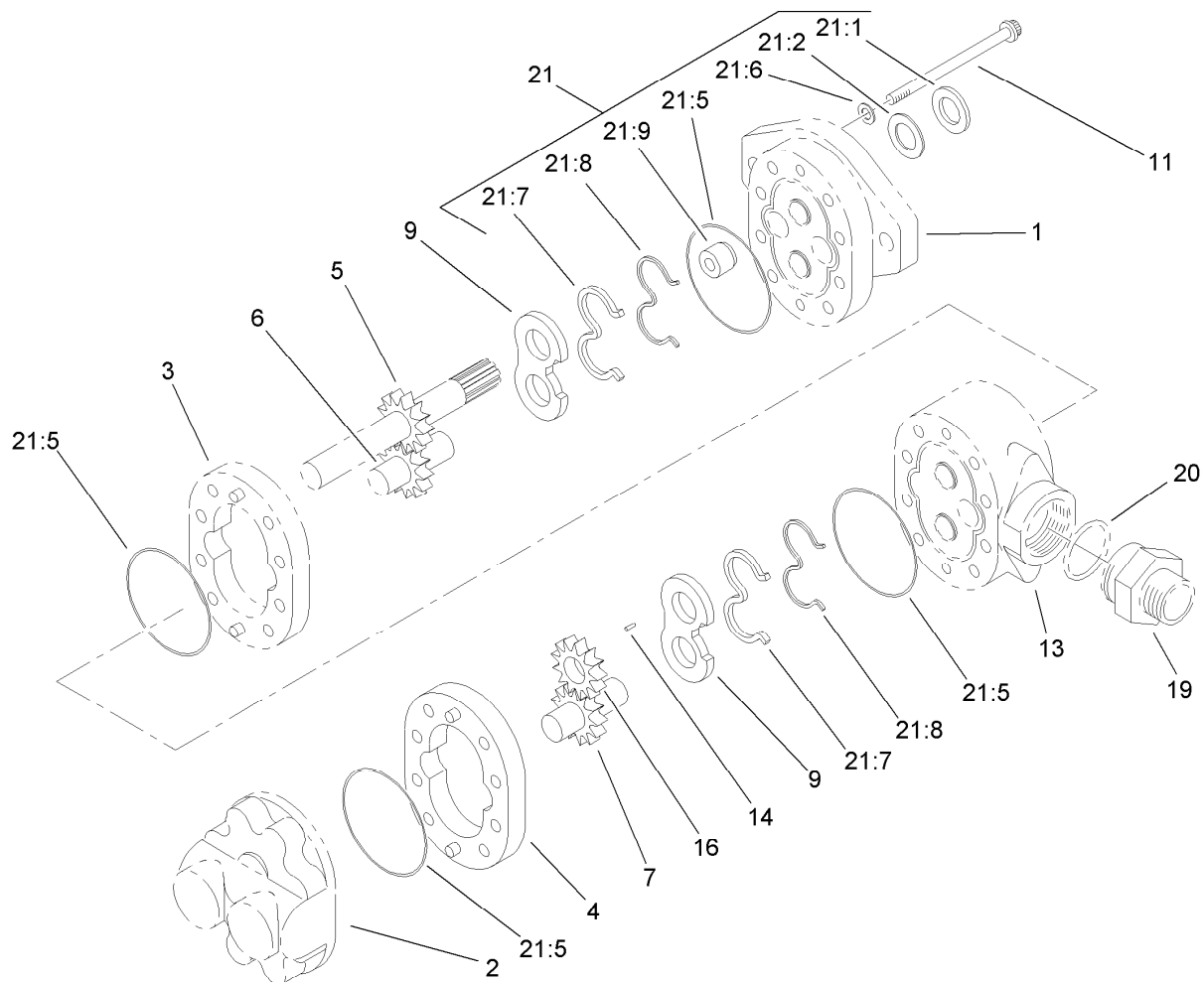


Hydrostat Assembly No. 105-0494

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 ●

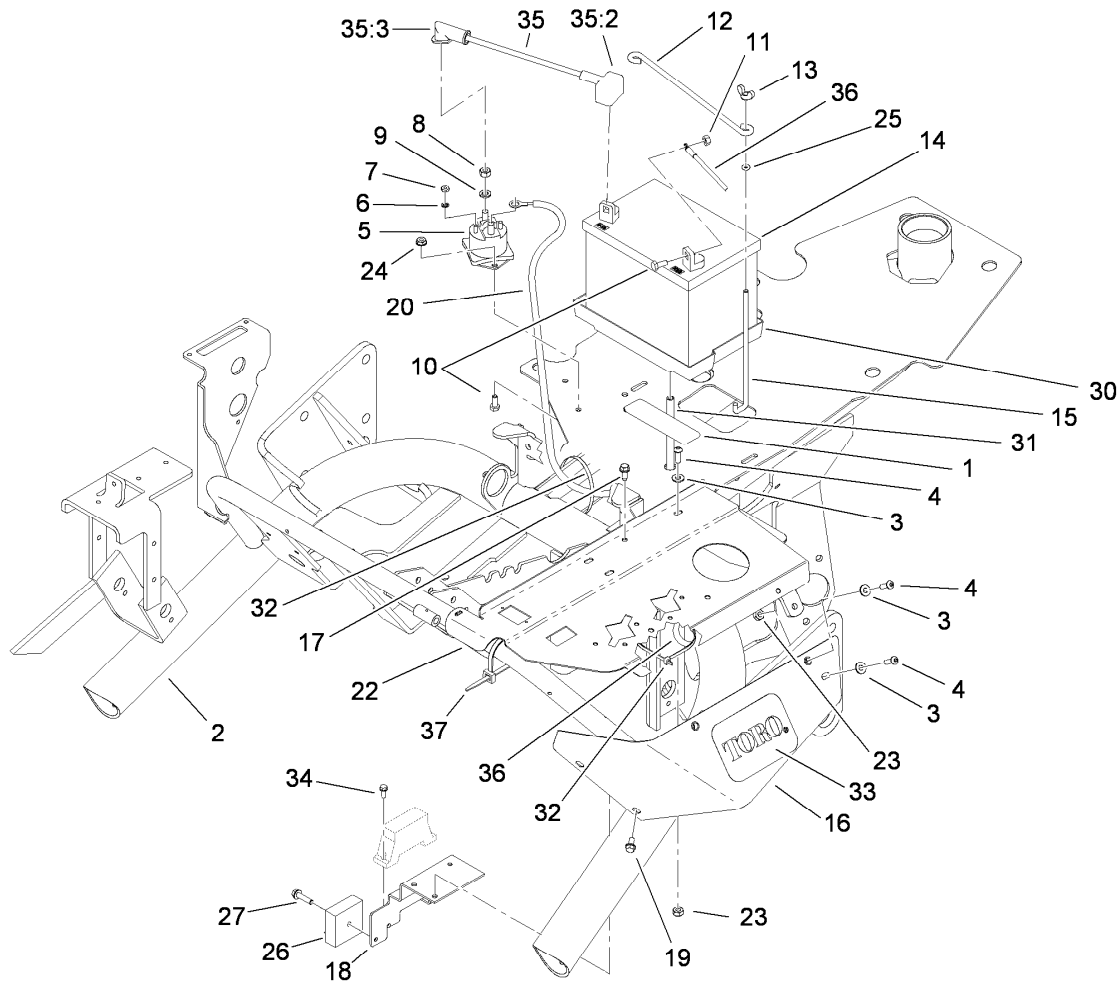
● Not serviced separately



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

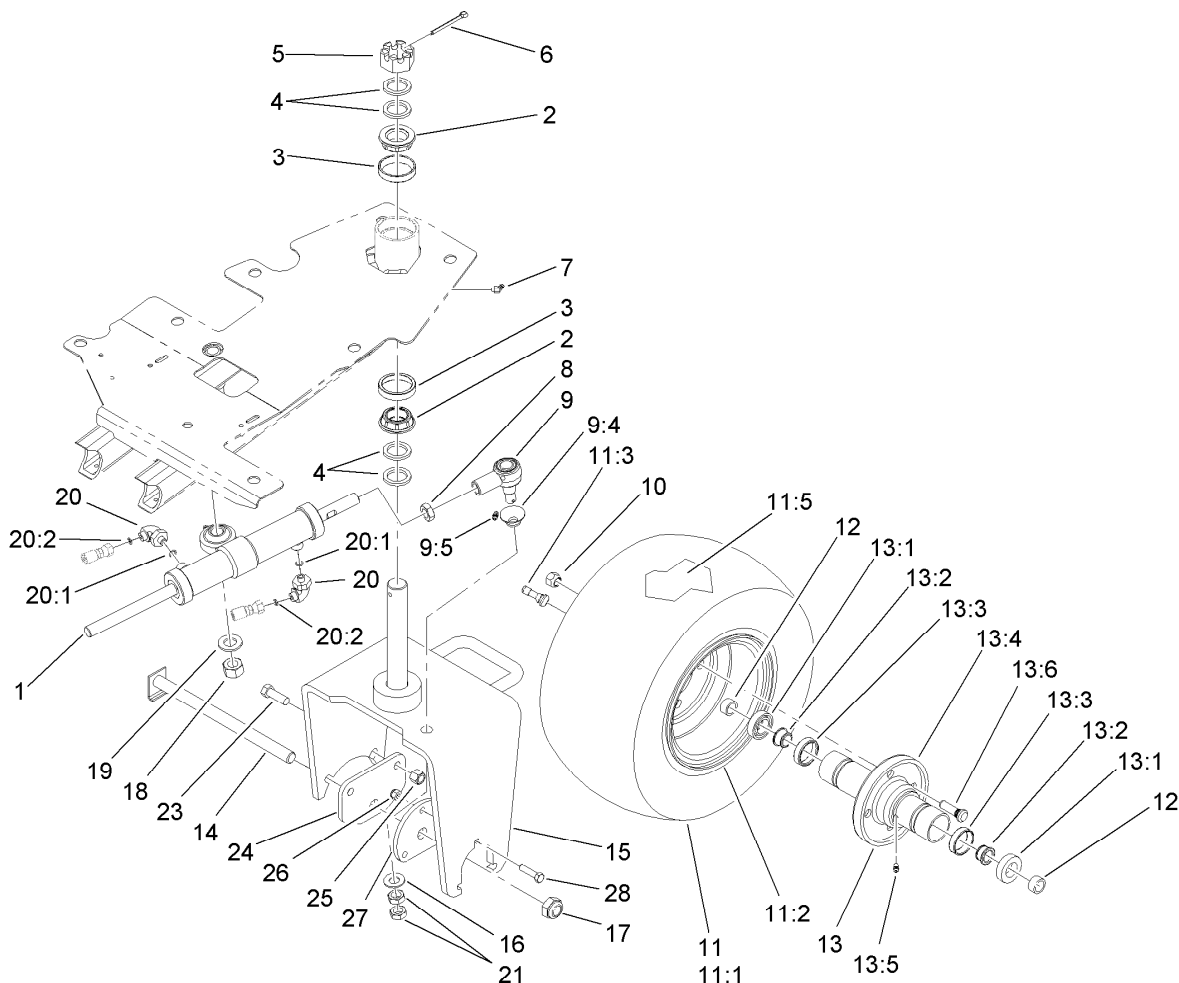
● Not serviced separately



Frame and Battery Assembly

Ref.	Part Number	Qty.	Description
1	114-8821	1	Decal-Emissions
2	112-0217-01	1	Frame
3	3256-22	4	Washer-Flat
4	3274-69	4	Screw-HSBH
5	28-4210	1	Solenoid
6	3254-1	2	Washer-Lock, Int
7	3219-14	2	Nut-Hex
8	3218-13	2	Nut-Jam, Brass
9	3253-4	2	Washer-Lock
10	321-3	4	Screw-HH
11	3217-5	2	Nut-Hex
12	100-6434	1	Rod-Hold Down, Battery
13	32103-22	2	Nut-Wing
14	104-8162	1	Battery
15	100-6435	2	Post-Battery
16	105-5411	1	Shield-Cover, Valve
17	32144-10	1	Screw-HWH
18	105-4310-01	1	Bracket-Fuse

Ref.	Part Number	Qty.	Description
19	32104-116	2	Screw-HWHTF
20	98-2161	1	Cable-Battery, Positive
22	105-0499-03	1	Panel-Control
23	3296-16	2	Nut-Lock, NI
24	32149-2	2	Nut-Keps
25	237-143	2	O-Ring
26	92-2538	1	Module-Timer
27	32144-86	1	Screw-HWHTF
30	106948	1	Tray-Battery
31	104-2061	1	Tube-Drain, Battery
32	3290-379	2	Tie-Cable
33	94-2579	1	Decal
34	32144-1	2	Screw-Taptite
35	83-2420	1	Positive Cable ASM
35:2	28-8080	1	Boot-Terminal
35:3	83-2430	1	Boot-Terminal
36	112-0276	1	Wire-Ground, Engine
37	3290-378	1	Tie-Cable

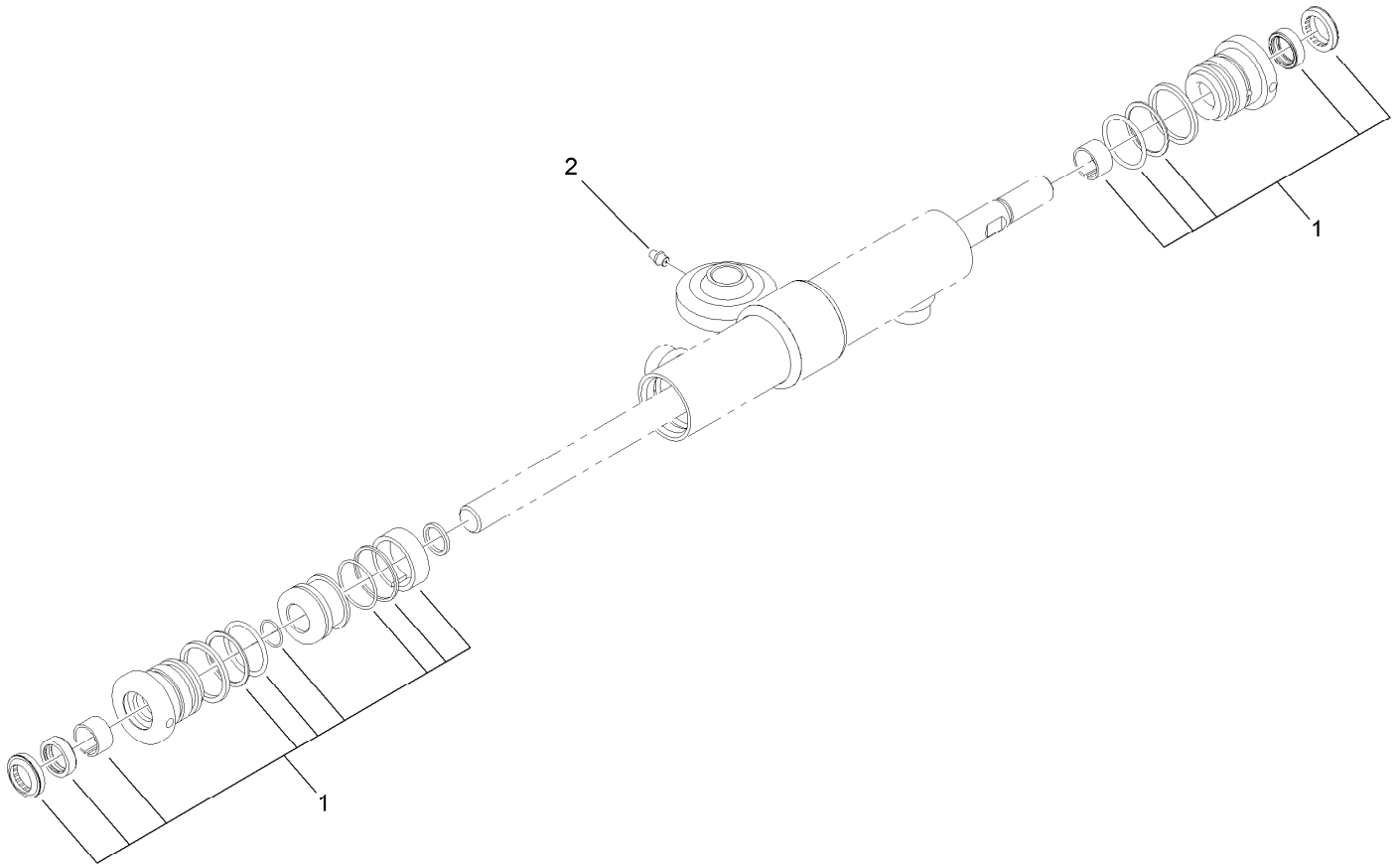


Rear Wheel Assembly

Ref.	Part Number	Qty.	Description
1	112-0297	1	Steering Cylinder ASM
2	254-70	2	Bearing-Cone
3	254-61	2	Cup-Bearing, Roller
4	18-6320	4	Washer-Steering
5	32136-9	1	Nut-Hex, Slotted
6	3272-37	1	Pin-Cotter
7	302-11	1	Fitting-Lube, 45 DEG
8	84-5300	1	Nut-Jam
9	107-2553	1	Rod End ASM
9:4	106-6896	1	Seal
9:5	302-5	1	Fitting-Grease
10	242-50	4	Nut-Lug
11		1	Wheel And Tire ASM ●
11:1	28-3680	1	Tire
11:2	217-60	1	Rim
11:3	232-27	1	Stem-Valve
11:5	232-37	1	Tube
12	74-3730	2	Spacer-Spindle, Rear
13	72-9710	1	Hub-Tire
13:1	253-111	2	Seal-Oil
13:2	254-78	2	Bearing-Cone

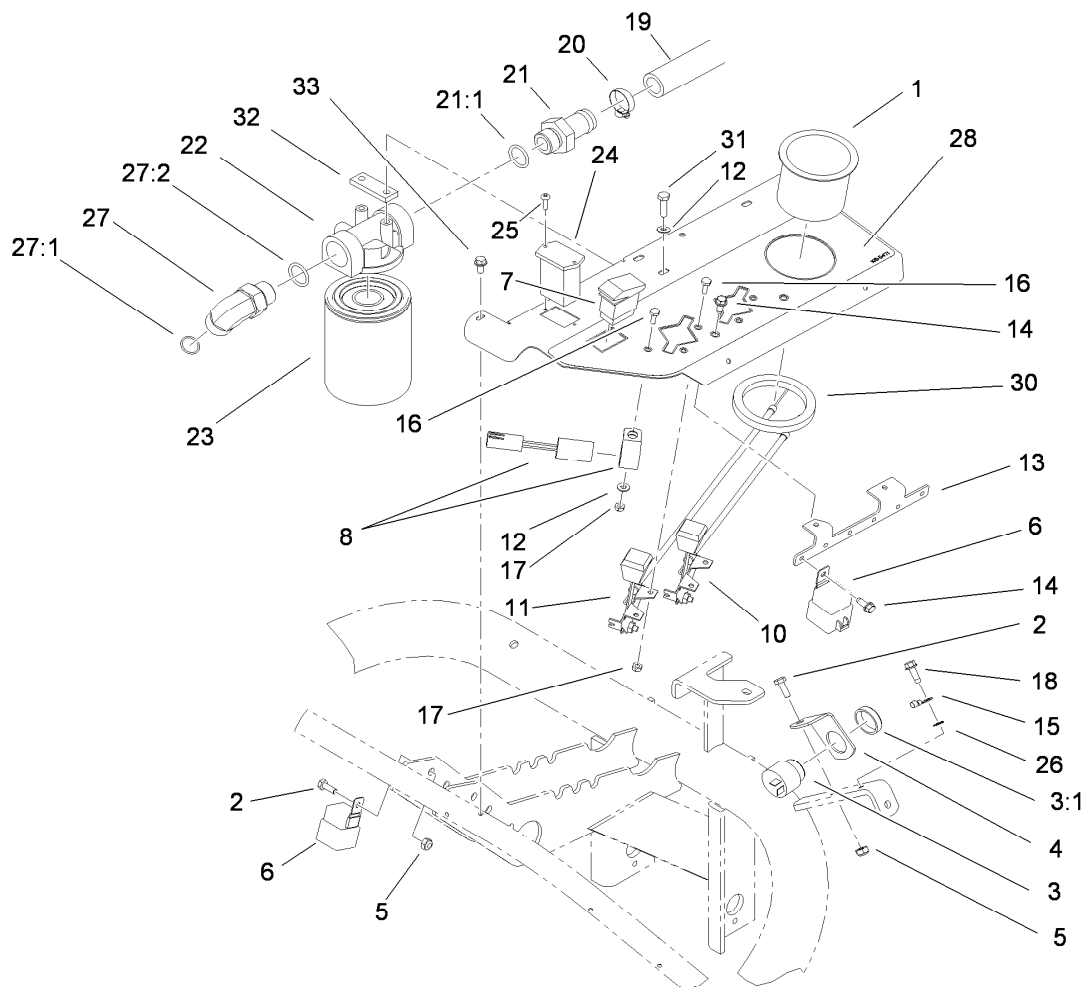
Ref.	Part Number	Qty.	Description
13:3	254-79	2	Bearing-Roller, Cup
13:4	75-9440	1	Hub ASM
13:5	302-11	1	Fitting-Lube, 45 DEG
13:6	10-6830	4	Stud-Type, Drive
14	5-3934	1	Bolt-Caster
15	112-0285-01	1	Fork-Castor
16	3256-27	1	Washer-Flat
17	3296-67	1	Nut-Lock, NI
18	3217-12	1	Nut-Hex
19	3256-28	1	Washer-Flat
20	340-132	2	Fitting-Elbow, 90 DEG
20:1	237-78	1	O-Ring
20:2	237-21	1	O-Ring
21	3220-6	2	Nut-Jam
23	325-6	2	Screw-HH
24	99-1485-01	1	Plate-Adapter, Motor
25	3296-23	2	Nut-Lock, NI
26	3296-39	3	Nut-Lock, NI
27	99-1486-01	1	Plate-Adapter
28	3234-19	3	Screw-HHF

● Not serviced separately



Hydraulic Cylinder Assembly No. 112-0297

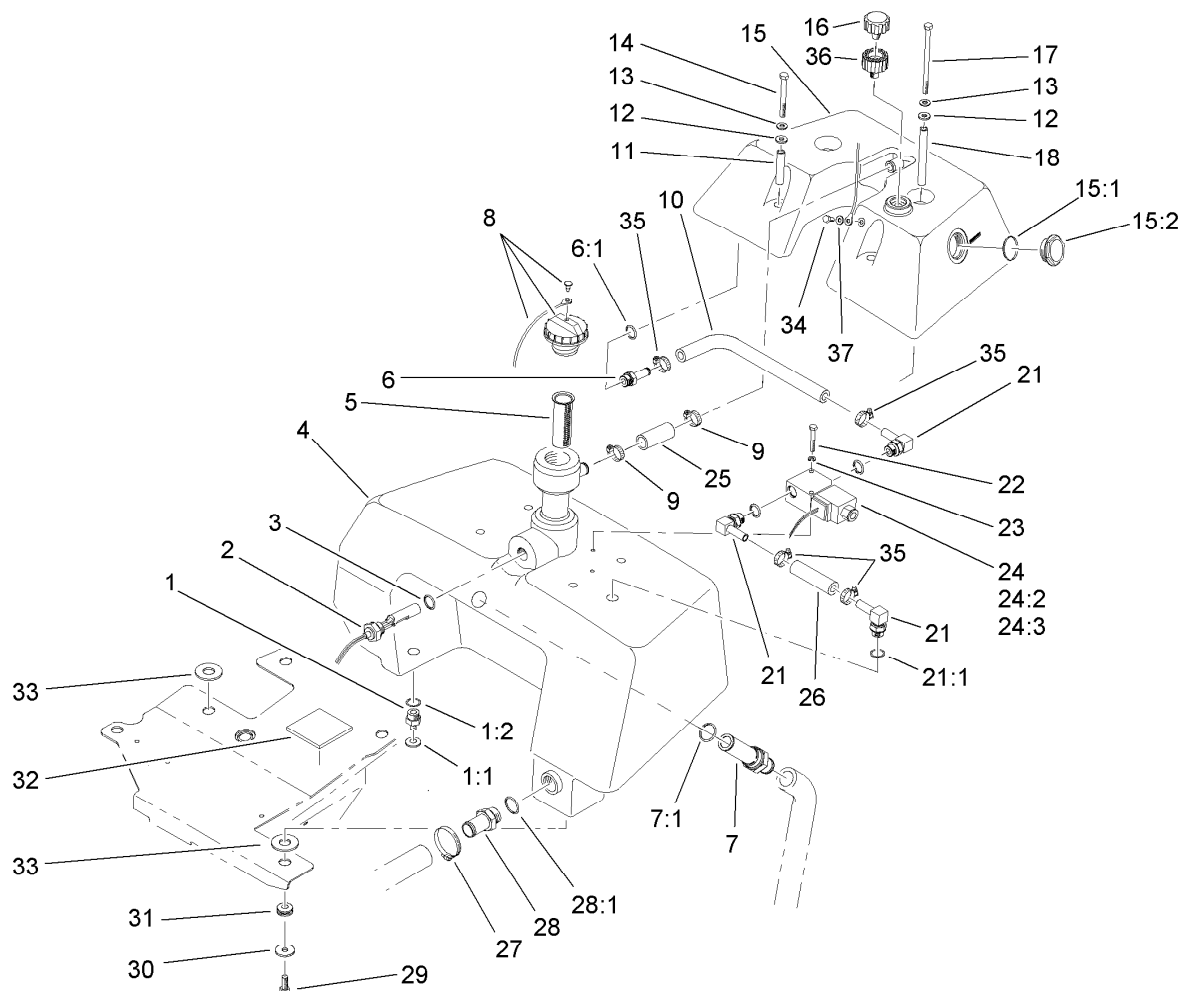
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-9170	1	Seal Kit
2	302-5	1	Fitting-Grease



Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	94-1410	1	Holder-Can, Beverage
2	321-4	2	Screw-HH
3	80-9330	1	Audio Alarm ASM
3:1	104-5107	1	Nut-Plastic, Knurled
4	83-1530	1	Bracket-Support, Buzzer
5	3296-16	2	Nut-Lock, NI
6	99-7430	7	Relay-Mini
7	105-4320	1	Switch
8	83-2280	1	Timer-Delay
10	83-0040	1	Control-Choke
11	83-0030	1	Control-Throttle
12	3256-22	3	Washer-Flat
13	105-4306-03	1	Bracket-Relay
14	32144-10	8	Screw-HWH
15	83-1150	1	Engine Ground Wire ASM
16	3290-134	5	Screw
17	3296-12	5	Nut-Lock, NI
18	32104-95	1	Screw-HWH

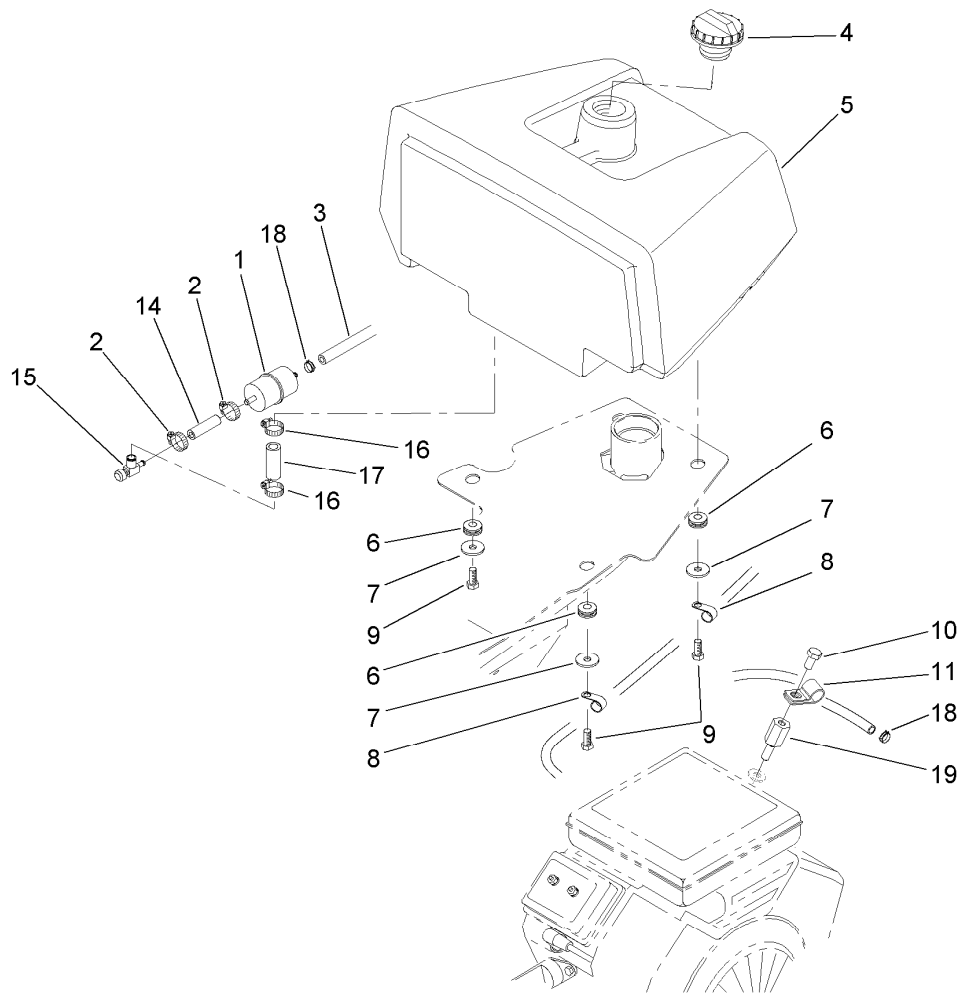
Ref.	Part Number	Qty.	Description
19	105-5410	1	Hose-HYD
20	2412-34	1	Clamp-Hose
21	99-3017	1	Fitting
21:1	237-81	1	O-Ring
22	92-5821	1	Head-Filter
23	107-9531	1	Filter-Oil, HYD
24	75-6820	1	Hourmeter
25	32144-18	2	Screw-HWH
26	3255-7	1	Washer-Lock/EXT
27	340-142	1	Fitting-Elbow, 90 DEG
27:1	237-58	1	O-Ring
27:2	237-81	1	O-Ring
28	105-5471	1	Decal-Panel, Left Control
30	104-1476	1	Ring-Rubber
31	321-5	2	Screw-HH
32	105-4309	1	Plate-Filter
33	32104-116	1	Screw-HWHTF



Hydraulic Reservoir and Leak Detector Assembly

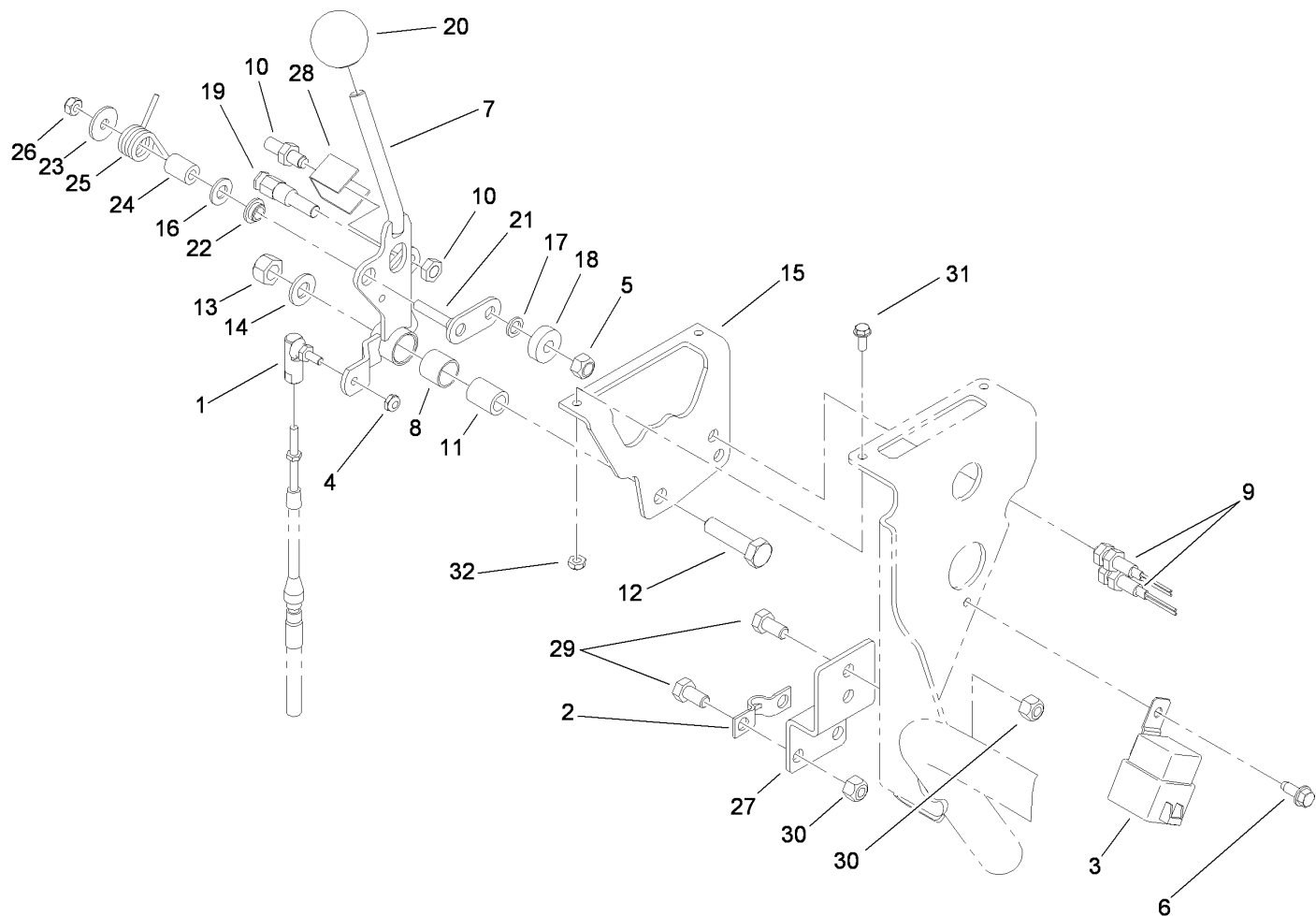
Ref.	Part Number	Qty.	Description
1	340-3	1	Fitting-Straight
1:1	237-22	1	O-Ring
1:2	237-79	1	O-Ring
2	83-1450	1	Sensor-Level, Oil
3	237-80	1	O-Ring
4	112-0260	1	Tank-Hydraulic
5	83-1520	1	Screen-Filler
6	354-121	1	Fitting-STR
6:1	237-79	1	O-Ring
7	112-0211	1	Strainer Fitting ASM
7:1	237-146	1	O-Ring
8	93-7160	1	Cap-Oil, HYD
9	2412-141	2	Clamp-Drive, Worm
10	83-2070	1	Hose-Valve
11	83-1550	2	Spacer-Tube, Short
12	83-1470	4	Washer-Neoprene
13	3256-71	4	Washer-Flat
14	322-14	2	Screw-HH
15	83-2100	1	Tank-Auxiliary, HYD
15:1	94-8166	1	O-Ring
15:2	83-2250	1	Guage-Sight
16	68-6150	1	Breather
17	322-29	2	Screw-HH

Ref.	Part Number	Qty.	Description
18	83-1560	2	Spacer-Tube, Long
21	354-120	3	Fitting-Elbow, 90
21:1	237-79	1	O-Ring
22	321-11	2	Screw-HH
23	3253-3	2	Washer-Lock
24	83-1460	1	Solenoid Valve ASM
24:2	83-2000	1	Spool-Valve
24:3	83-2010	1	Coil ASM
25	110-3998	1	Hose-Overflow
26	83-2080	1	Hose-Valve, Tank
27	2412-34	1	Clamp-Hose
28	83-0870	1	Fitting-Hose, Barbed
28:1	237-177	1	O-Ring
29	323-6	3	Screw-HH
30	63-8410	3	Washer
31	240-11	3	Bushing-Flange
32	83-2390	1	Pad-Tank
33	83-2400	2	Spacer
34	321-2	1	Screw-HH
35	2412-36	4	Clamp-Hose
36	92-8020	1	Adapter-Breather
37	3256-22	1	Washer-Flat



Fuel Tank Assembly

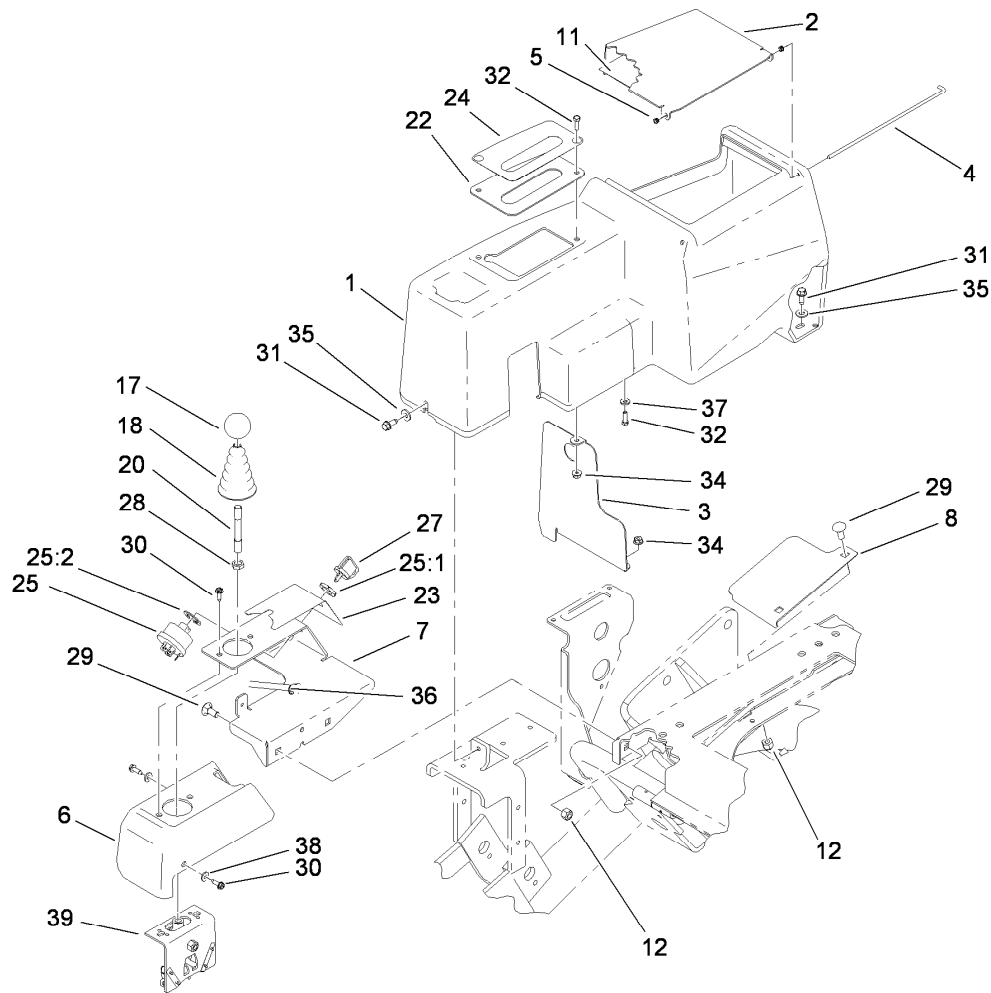
Ref.	Part Number	Qty.	Description
1	94-2690	1	Filter-Fuel
2	2412-108	2	Clamp-Worm
3	109-0275	1	Hose-Fuel
4	115-5304	1	Cap-Fuel
5	105-8266	1	Tank-Fuel
6	240-11	4	Bushing-Flange
7	63-8410	4	Washer
8	2412-41	3	Clamp-R
9	323-6	4	Screw-HH
10	33113-012	1	Screw-HH
11	2412-94	1	Clamp
14	109-0660	1	Hose-Fuel
15	83-1390	1	Valve-Shut-Off, Fuel
16	2412-36	2	Clamp-Hose
17	106-1128	1	Hose-Fuel
18	2412-98	2	Clamp-Hose
19	106-4616	1	Screw-Spacer



Speed Selector Lever Assembly

Ref.	Part Number	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
3	99-7430	1	Relay-Mini
4	3296-27	1	Nut-Lock, NI
5	33024-00	1	Nut-Lock, NI
6	32144-10	1	Screw-HWH
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
15	94-6398	1	Bracket-Traction
16	3256-23	1	Washer-Plain

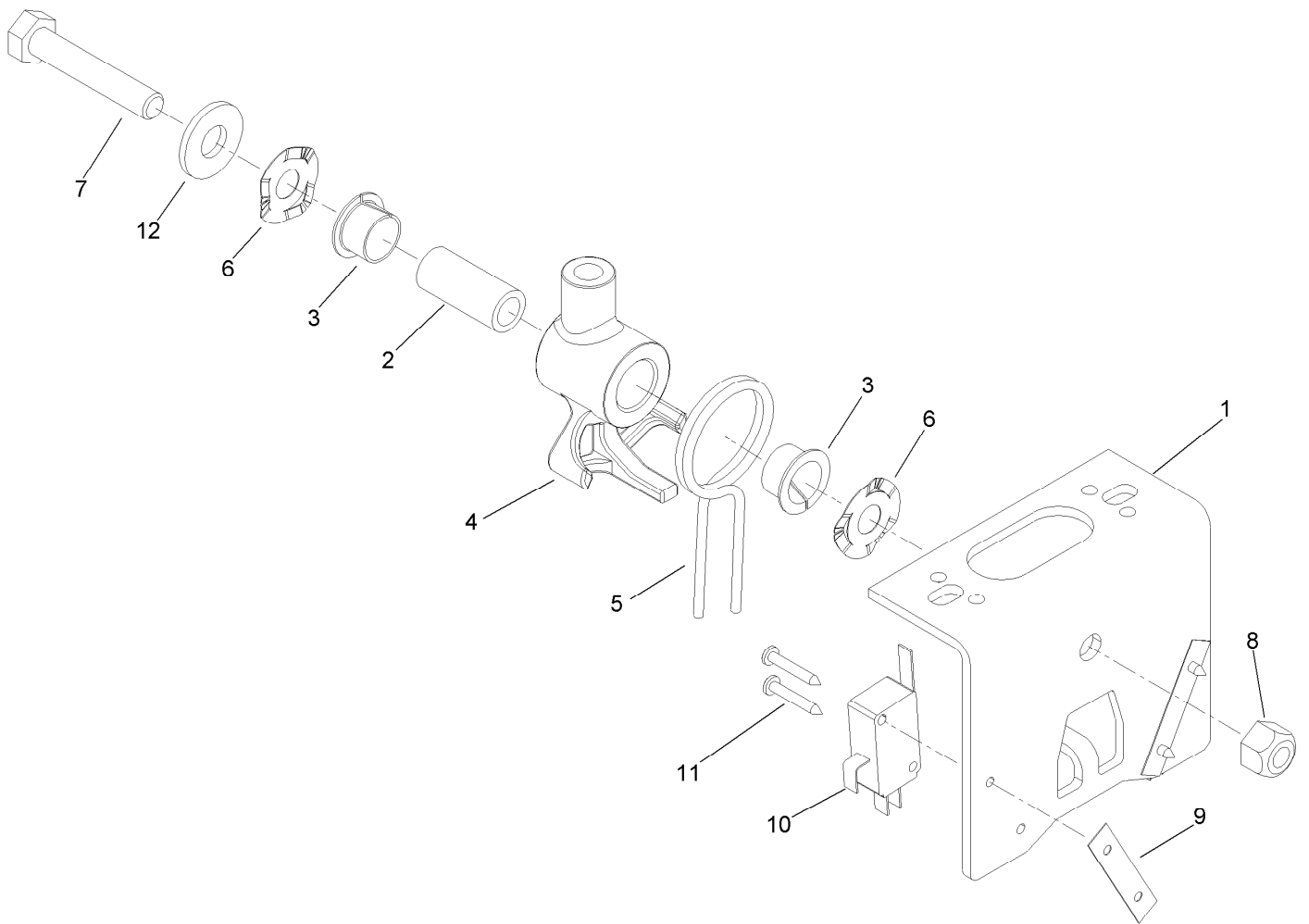
Ref.	Part Number	Qty.	Description
17	75-5470	1	Spacer-Bearing
18	251-259	1	Bearing-Ball
19	94-9617	1	Pin-Spring
20	233-42	1	Knob
21	94-9614	1	Pivot-Roller
22	94-9619	1	Bushing
23	3256-67	1	Washer
24	94-9618	1	Spacer-Spring
25	94-9620	1	Spring-Torsion
26	33023-00	1	Nut-Lock
27	105-5417-03	1	Bracket-Cable, Shifter
28	106-6356	1	Shield-Switch
29	322-2	4	Screw-HH
30	3296-29	4	Nut-Lock, NI
31	3290-321	2	Screw-HWH
32	3296-12	2	Nut-Lock, NI



Joystick and Console Assembly

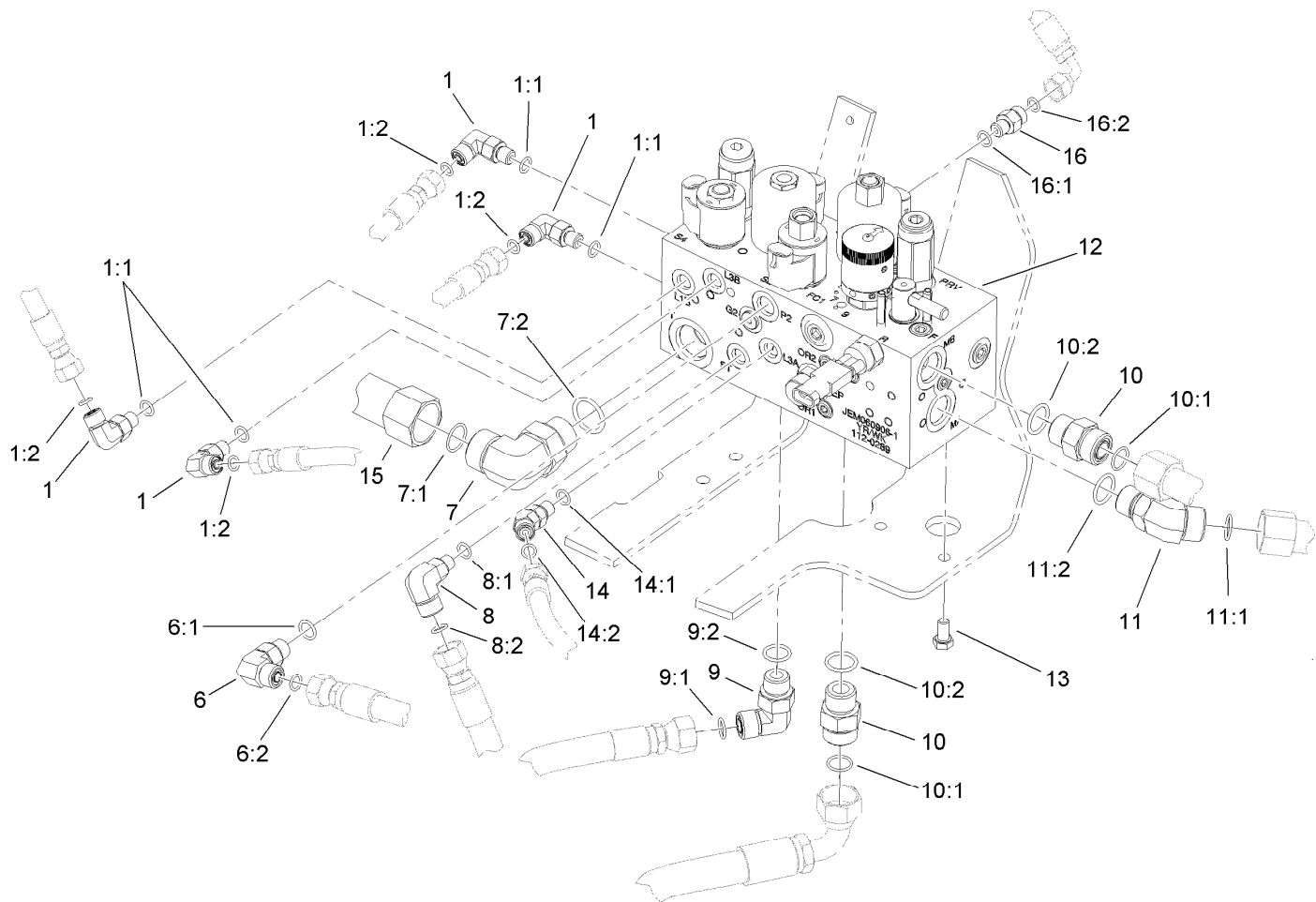
Ref.	Part Number	Qty.	Description
1	105-8250	1	Console
2	105-8254-03	1	Lid-Console
3	105-8255-03	1	Baffle-Console
4	105-8256	1	Rod-Hinge
5	105-8283	2	Bushing
6	105-8251	1	Pod
7	105-8252-03	1	Bracket-Pod
8	105-8284-03	1	Shield-Valve
11	114-4615	1	Decal-Speed, Clip
12	3296-29	4	Nut-Lock, NI
17	233-42	1	Knob
18	93-5961	1	Boot-Lever
20	105-8288	1	Rod-Joystick
22	105-8280-03	1	Plate-Console
23	105-8305	1	Decal-Panel, Control
24	105-8306	1	Decal-Selector, Speed

Ref.	Part Number	Qty.	Description
25	104-2541	1	Ignition Switch ASM
25:1	218-461	1	Nut-HH
25:2	3254-5	1	Washer-Lock
27	63-8360	2	Key-Ignition
28	3218-3	1	Nut-Jam
29	3230-1	4	Bolt-CARR
30	32144-19	4	Screw-SHWH
31	32144-10	3	Screw-HWH
32	3290-134	4	Screw
34	3290-148	4	Nut-HF
35	3256-22	3	Washer-Flat
36	3290-378	1	Tie-Cable
37	3256-77	2	Washer-Flat
38	3256-14	2	Washer-Flat
39	106-4167	1	Joystick Bracket ASM



Joystick Bracket Assembly No. 106-4167

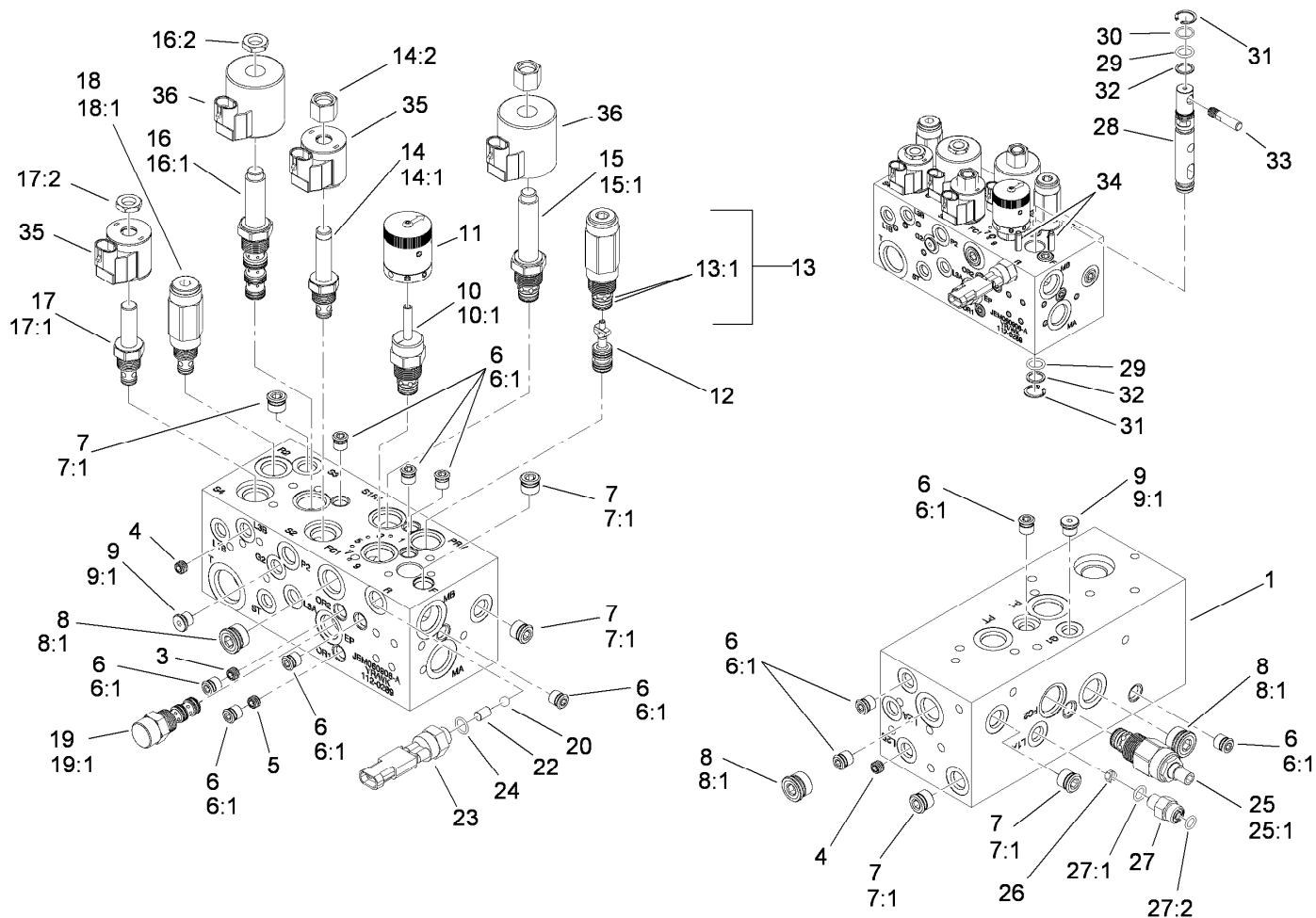
Ref.	Part Number	Qty.	Description
1	115-5357-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	105-7507	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	108-6496	2	Switch (W/Boot)
11	95-3003	4	Screw-PPHTF
12	3256-3	1	Washer-Flat



Hydraulic Manifold Assembly

Ref.	Part Number	Qty.	Description
1	340-132	4	Fitting-Elbow, 90 DEG
1:1	237-78	1	O-Ring
1:2	237-21	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
7	340-142	1	Fitting-Elbow, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	340-97	1	Fitting-Elbow, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-78	1	O-Ring
9	340-98	1	Fitting-Elbow, 90 DEG
9:1	237-79	1	O-Ring
9:2	237-30	1	O-Ring
10	340-7	2	Fitting-Straight

Ref.	Part Number	Qty.	Description
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	340-14	1	Fitting-HYD, 45 DEG
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	112-0289	1	Manifold ASM (With Backlap)
13	33114-016	2	Screw-HH
14	340-103	1	Fitting-HYD, 45 DEG
14:1	237-78	1	O-Ring
14:2	237-21	1	O-Ring
15	105-5460	1	Tube-HYD
16	340-92	1	Fitting-Straight
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring

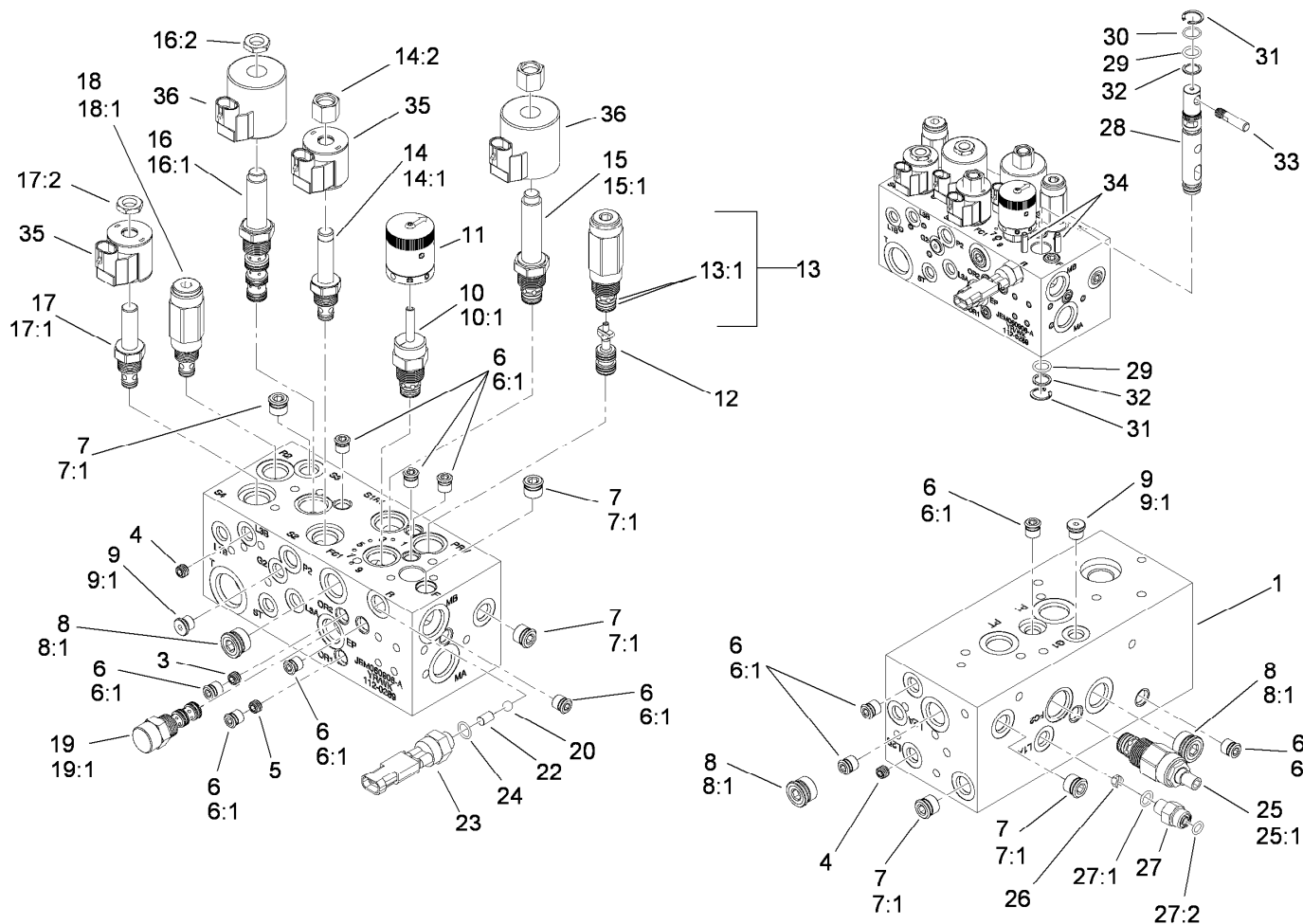


Hydraulic Manifold Assembly No. 112-0289

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	106-1025	12	Plug-HYD
6:1	237-78	1	O-Ring
7	106-1026	5	Plug-HYD
7:1	237-42	1	O-Ring
8	106-1027	3	Plug
8:1	237-79	1	O-Ring
9	353-990	2	Plug ASM
9:1	237-78	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
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
16	110-8906	1	Valve-Solenoid

Ref.	Part Number	Qty.	Description
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	110-8762	1	Ball-Chrome
22	112-6533	1	Pin-Dowel
23	72-4320	1	Switch-Ball
24	110-8757	1	O-Ring
25	112-9208	1	Valve-Control, Flow
25:1	110-2633	1	Seal Kit
26	114-4682	1	Orifice-Flow Control (.030)
27	340-92	1	Fitting-Straight
27:1	237-78	1	O-Ring
27:2	237-21	1	O-Ring
28	112-6536	1	Spool
29	112-6535	2	O-Ring
30	110-8900	1	O-Ring
31	112-6532	2	Ring-Retaining
32	112-6534	2	Ring-Back Up
33	110-8758	1	Handle-Spool

● Not serviced separately

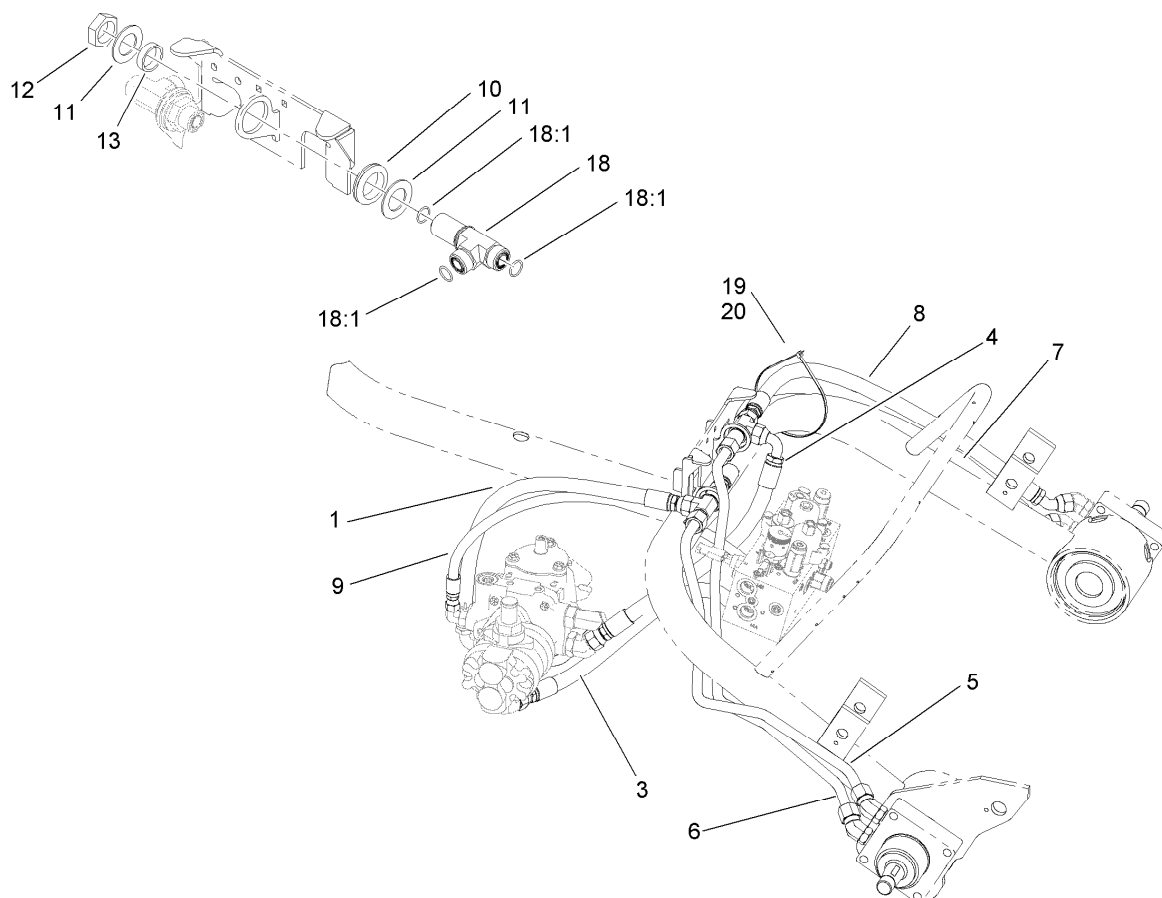


Hydraulic Manifold Assembly No. 112-0289 (continued)

Ref.	Part Number	Qty.	Description
34	112-6531	2	Pin-Spring

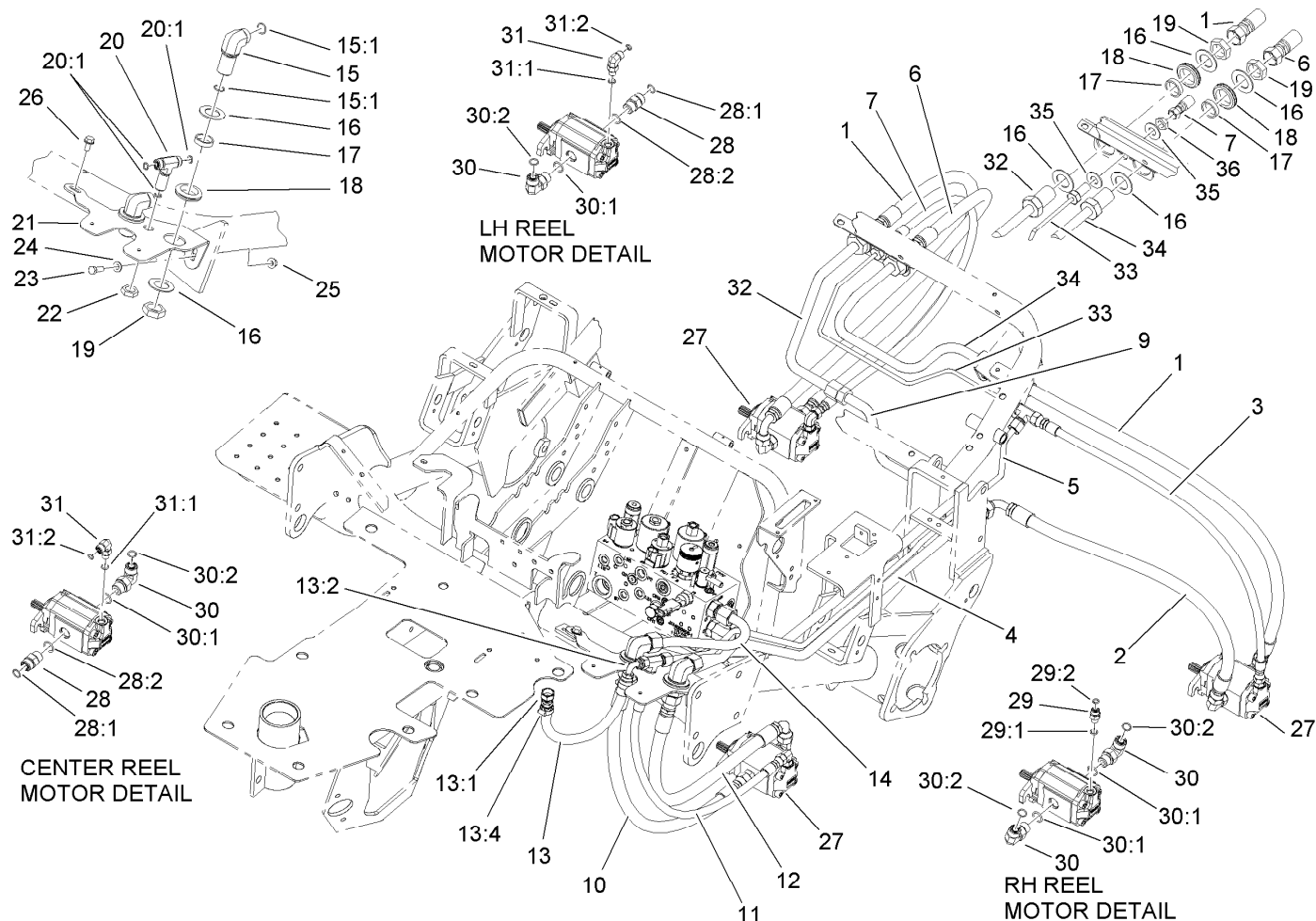
Ref.	Part Number	Qty.	Description
35	105-9333	2	Coil-12Vdc
36	110-2630	2	Coil-12Vdc

● Not serviced separately



Hydraulic Traction Assembly

Ref.	Part Number	Qty.	Description
1	99-6193	1	Hose ASM
3	105-4342	1	Hose ASM
4	105-4332	1	Hose-HYD
5	112-0203	1	Tube-HYD
6	112-0204	1	Tube-HYD
7	105-4333	1	Hose-HYD
8	105-4336	1	Hose-HYD
9	108-6511	1	Hose ASM
10	240-3	2	Grommet-Rubber
11	69-9010	4	Washer
12	340-74	2	Nut-Lock, Bulkhead
13	69-9000	2	Spacer
18	94-5350	2	Fitting-Tee
18:1	237-65	3	O-Ring
19	3290-378	1	Tie-Cable
20	3290-379	1	Tie-Cable

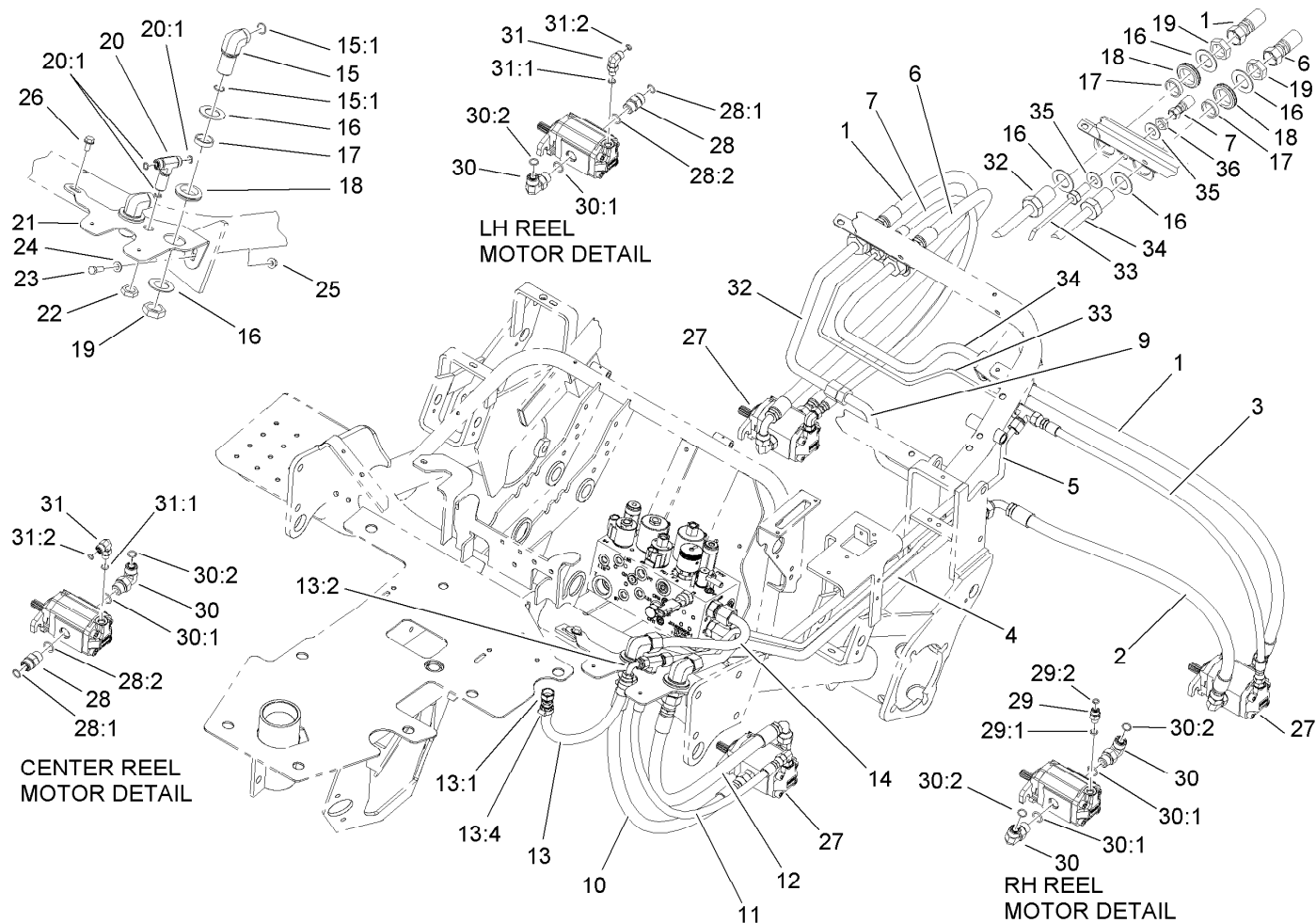


Hydraulic Reel Drive Assembly

Ref.	Part Number	Qty.	Description
1	95-2908	2	Hose-HYD
2	105-5404	1	Hose-HYD
3	105-5405	1	Hose-HYD
4	105-5493	1	Tube-HYD
5	105-4327	1	Tube-HYD, Casedrain
6	95-2909	1	Hose-HYD
7	106-9674	1	Hose-HYD
9	107-2582	1	Tube-HYD
9:1	237-65	1	O-Ring ●
10	105-5400	1	Hose-HYD
11	105-5402	1	Hose-HYD
12	105-5401	1	Hose-HYD
13	105-5409	1	Hose ASM
13:1	105-8311	1	Fitting-HYD
13:2	105-8312	1	Fitting-HYD, 90 DEG
13:4	2412-141	2	Clamp-Drive, Worm
14	105-5482	1	Tube-HYD
15	340-72	2	Fitting-Bulkhead, 90 DEG
15:1	237-65	2	O-Ring
16	69-9010	8	Washer
17	69-9000	4	Spacer
18	240-3	4	Grommet-Rubber
19	340-74	4	Nut-Lock, Bulkhead
20	105-8281	1	Tee-Bulkhead
20:1	237-22	3	O-Ring

Ref.	Part Number	Qty.	Description
21	105-8253-01	1	Bracket-Bulkhead
22	340-70	1	Nut-Lock
23	322-5	1	Screw-HH
24	3256-23	1	Washer-Plain
25	32128-20	1	Nut-HF
26	32104-32	3	Screw-HWH
27	112-9200	3	HYD Motor ASM
28	340-4	2	Fitting-Straight
28:1	237-30	1	O-Ring
28:2	237-79	1	O-Ring
29	340-92	1	Fitting-Straight
29:1	237-78	1	O-Ring
29:2	237-21	1	O-Ring
30	340-98	4	Fitting-Elbow, 90 DEG
30:1	237-79	1	O-Ring
30:2	237-30	1	O-Ring
31	340-132	2	Fitting-Elbow, 90 DEG
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring
32	107-2581	1	Tube-HYD
32:1	237-65	1	O-Ring ●
33	107-2583	1	Tube-HYD
33:1	237-21	1	O-Ring ●
34	107-2580	1	Tube-HYD
34:1	237-65	2	O-Ring ●

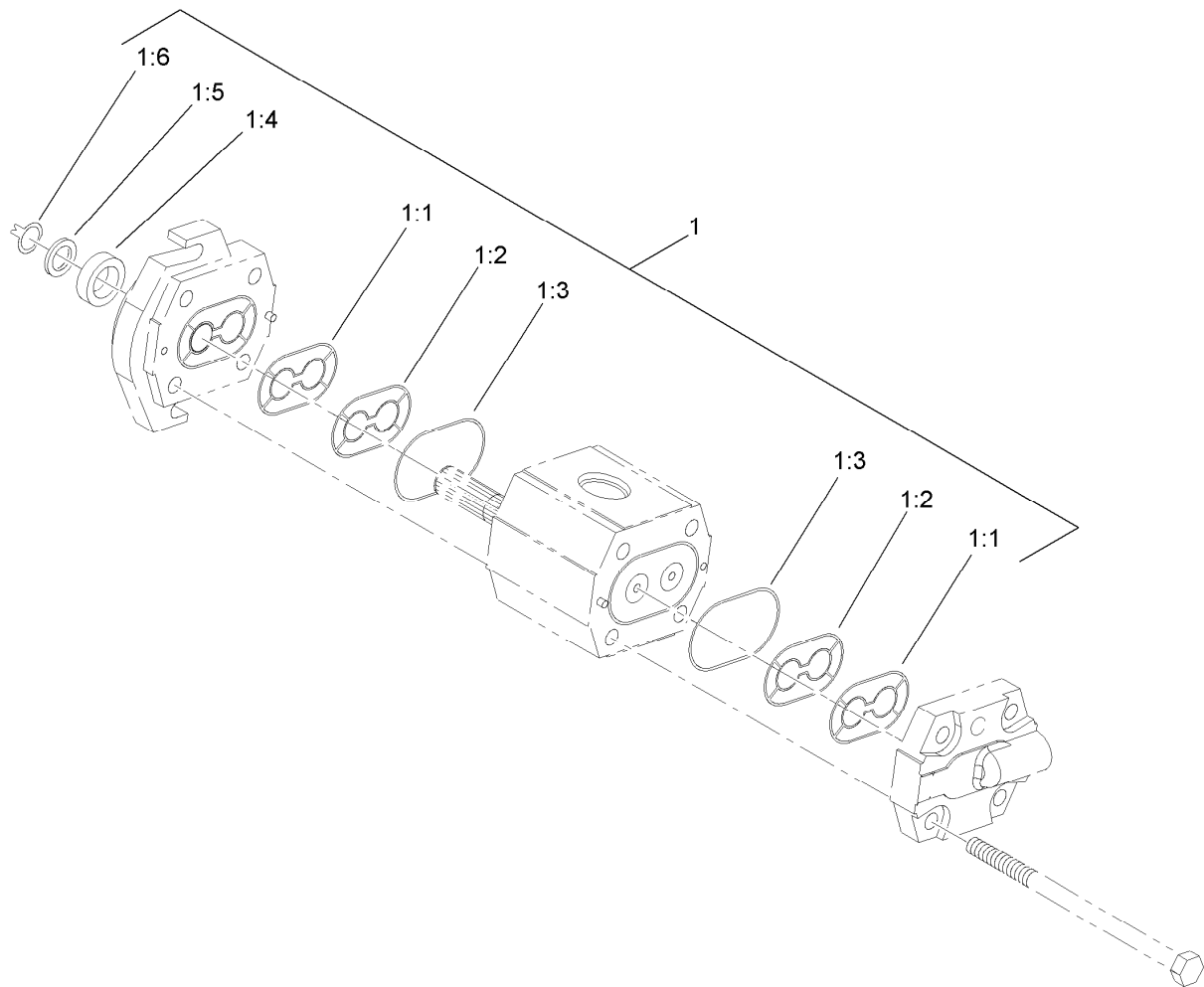
● Not illustrated



Hydraulic Reel Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
35	69-8980	2	Washer
36	340-78	1	Nut-Lock

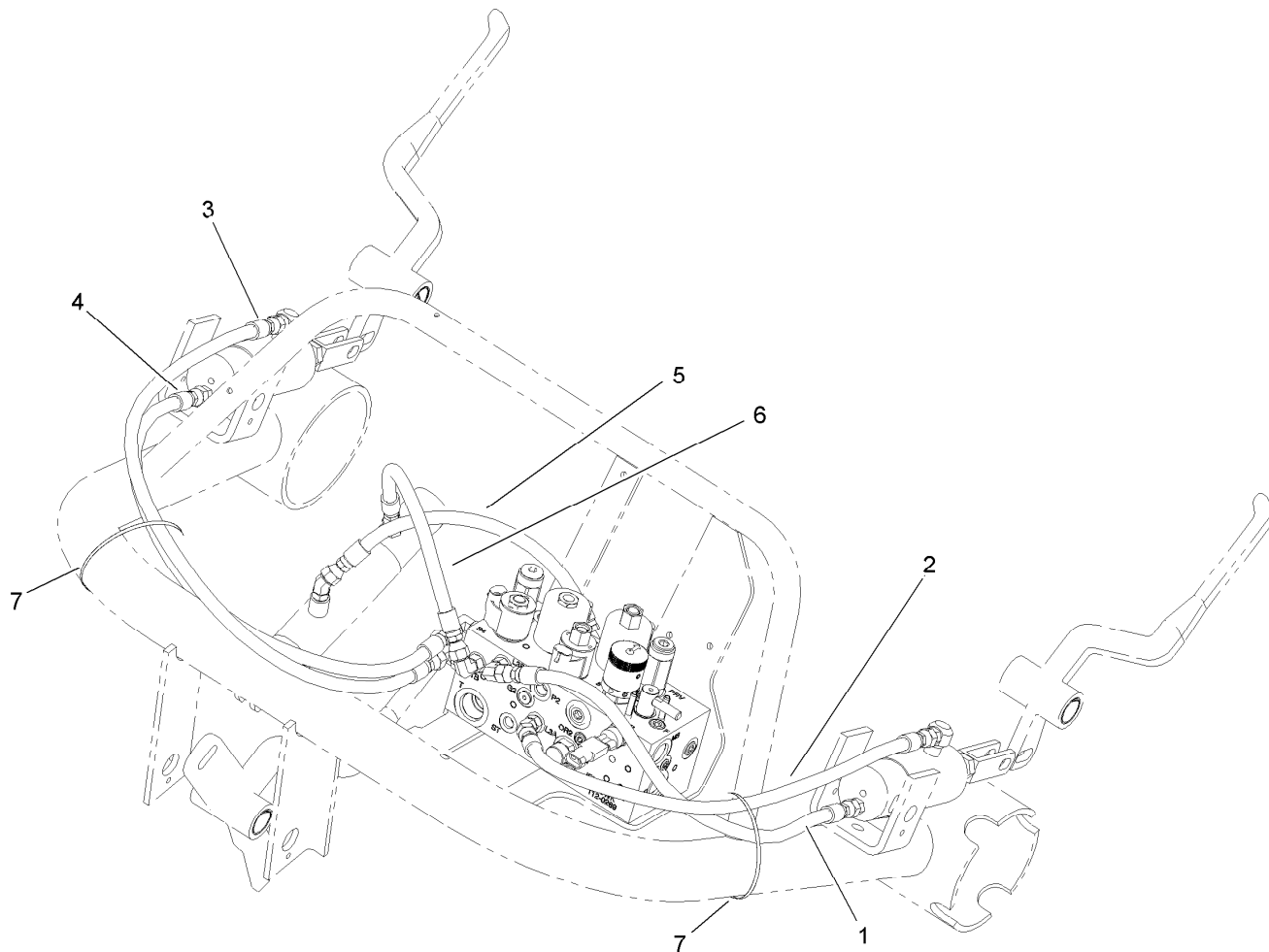
● Not illustrated



Hydraulic Motor Assembly No. 112-9200

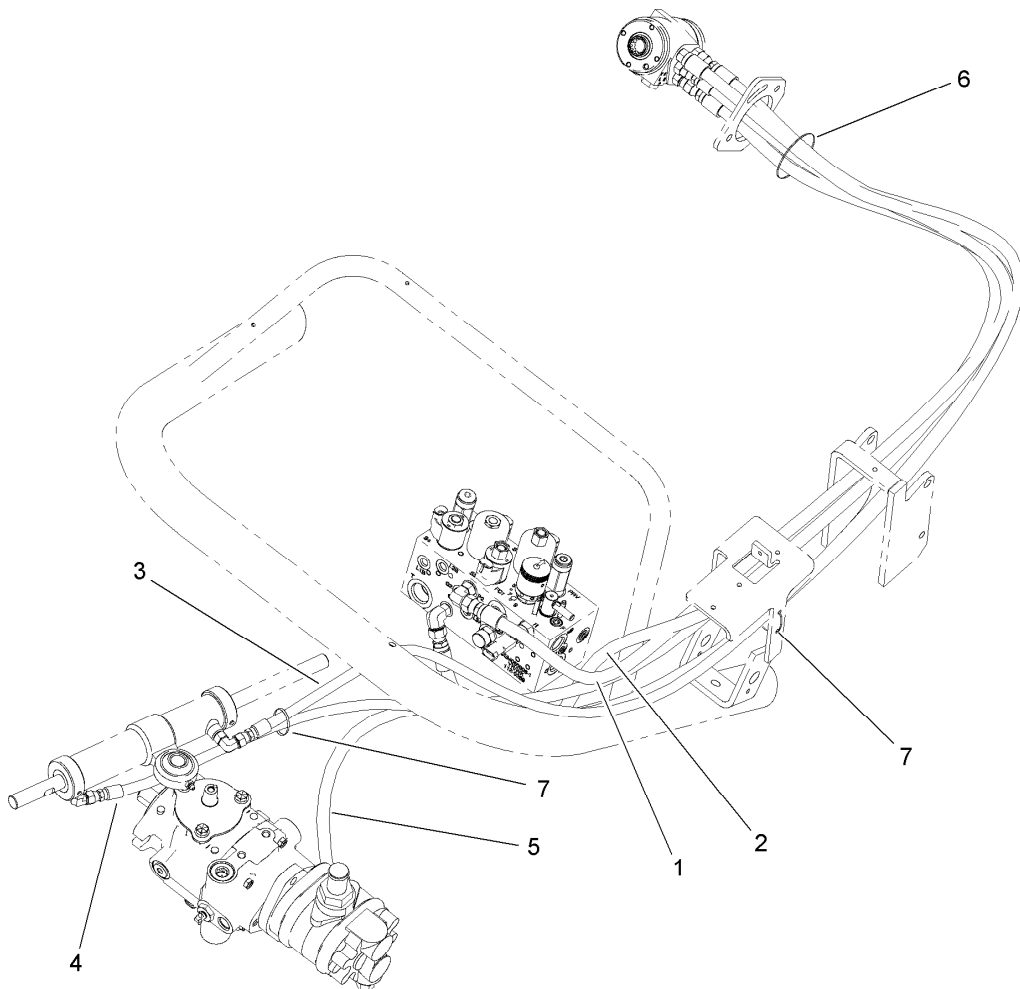
Ref.	Part Number	Qty.	Description
1	112-9184	1	Seal Kit
1:1		2	Seal-Extrusion, Anti ●
1:2		2	Seal-Pressure ●
1:3		2	Ring-Retaining ●
1:4		1	Seal-Shaft ●
1:5		1	Washer-Backup ●
1:6		1	Ring-Snap ●

● Not serviced separately



Hydraulic Lift Assembly

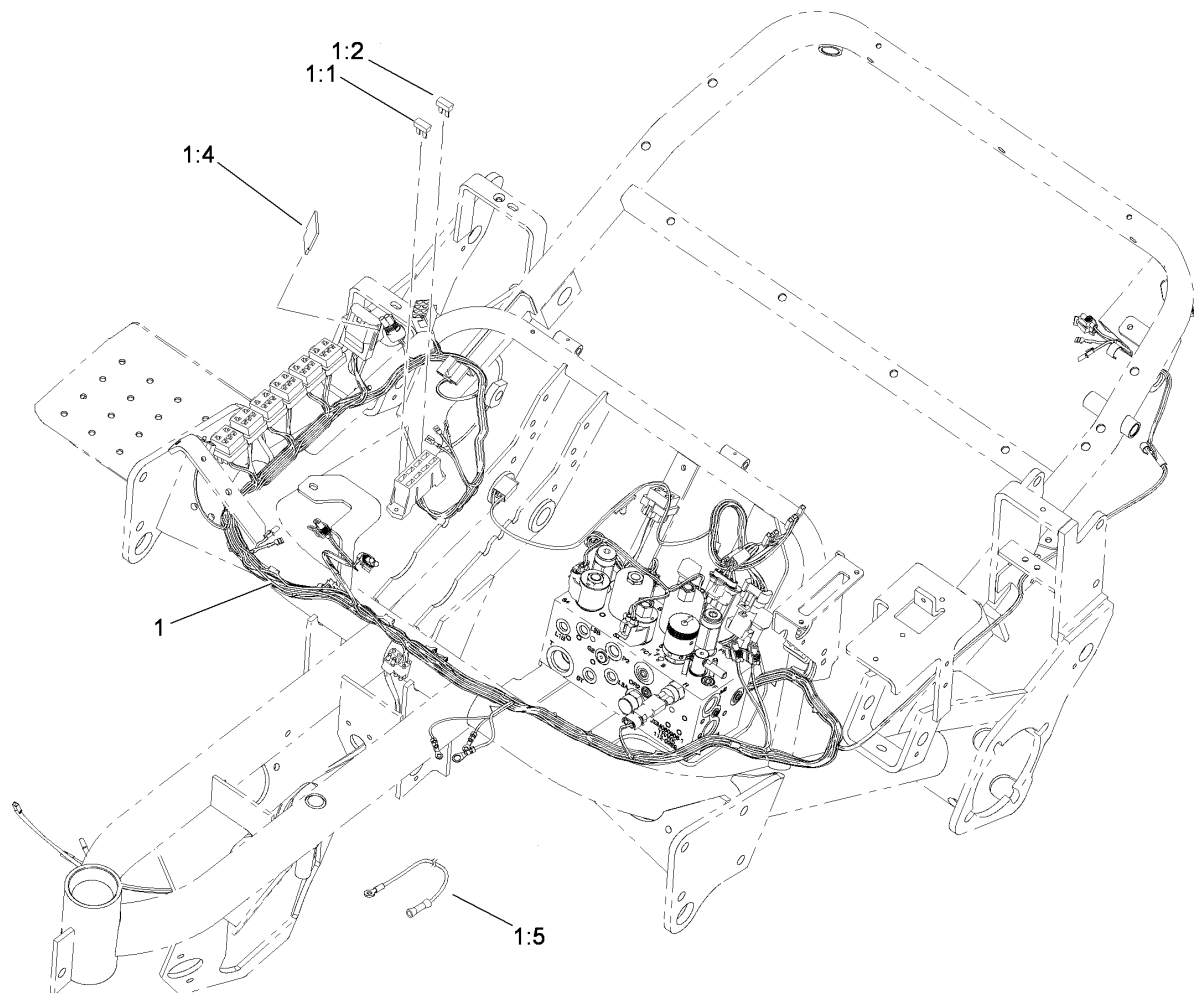
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-6505	1	Hose-HYD
2	108-6506	1	Hose-HYD
3	108-6507	1	Hose-HYD
4	108-6508	1	Hose-HYD
5	112-9185	1	Hose ASM
6	108-6510	1	Hose ASM
7	3290-379	2	Tie-Cable



Hydraulic Steering Assembly

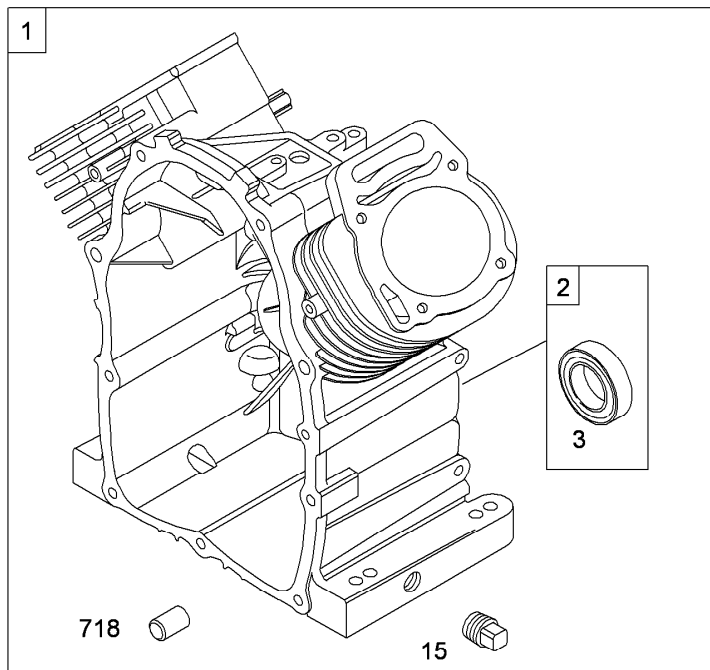
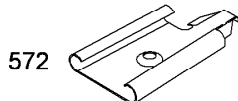
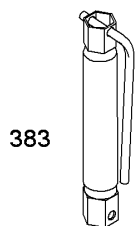
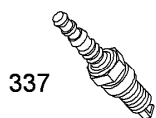
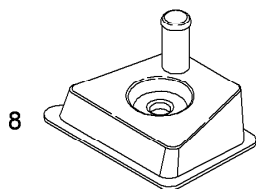
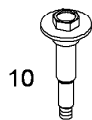
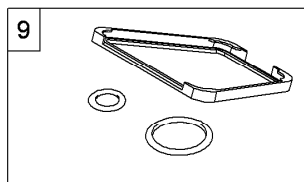
Ref.	Part Number	Qty.	Description
1	105-4339	1	Hose-HYD
2	112-0273	1	HYD Hose ASM
2:3	237-42	1	O-Ring ●
3	105-4337	1	Hose-HYD
4	100-4892	1	Hose-HYD
5	105-4340	1	HYD Hose ASM
6	3334-945	1	Tie-Cable
7	3290-378	3	Tie-Cable

● Not illustrated



Wire Harness Routing Assembly

Ref.	Part Number	Qty.	Description
1	114-3319	1	Harness-Wire, Main
1:1	218-578	2	Fuse-Blade, 10 Amp
1:2	109101	1	Fuse-Blade, 20 Amp
1:4	92-3188	2	Diode-Board, Circuit
1:5	106-4641	1	Harness-Wire, Fusible Link



1019 Label Kit

1058 Operator Manual

1330 Repair Manual

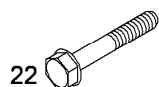
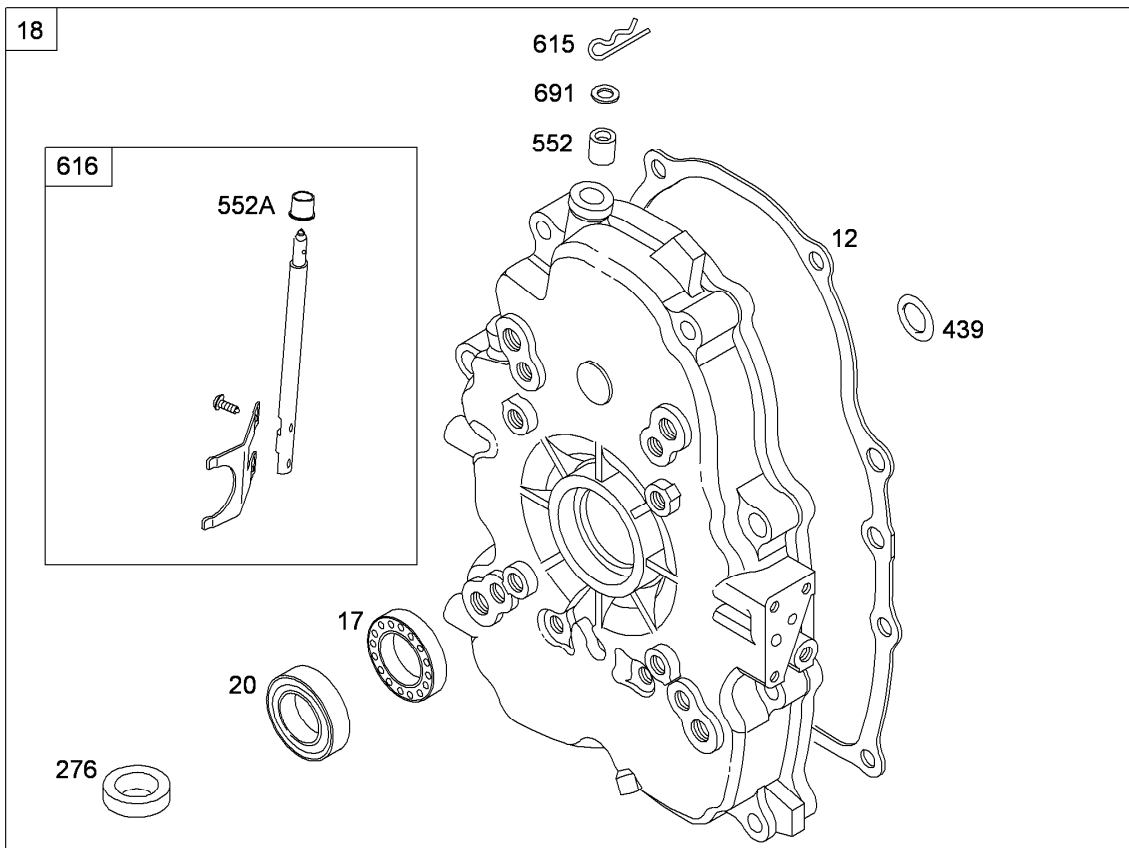
Assemblies include all parts shown in frames

Cylinder Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
1	692544	1	Cylinder ASM ●
2	808534	1	Bushing-Seal Kit (Magneto Side) ●
3	805101	1	Seal-Oil (Magneto Side) ●■
8	808984	1	Breather ASM ●
9	809094	1	Gasket-Breather ●■
10	690751	1	Screw (Breather ASM) ●
15	690946	1	Plug-Drain, Oil ●
337	496018	1	Spark Plug ●
383	19374	1	Wrench-Spark Plug ●
572	690686	1	Baffle-Breather ●
635	692076	1	Boot-Spark Plug ●
718	806469	1	Pin-Locating ●
1019	808036	1	Label Kit ●
1058	276343	1	Operator Manual ●
1330	272144	1	Repair Manual ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set (Ref. No. 358)



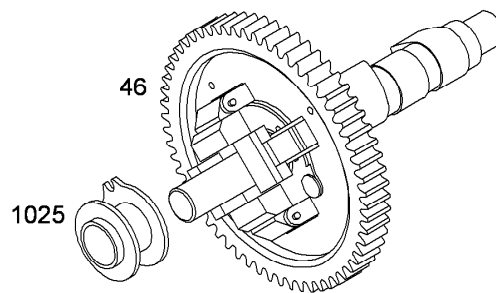
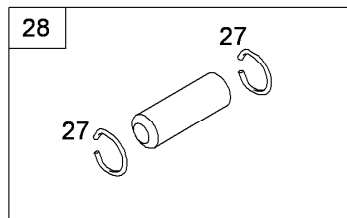
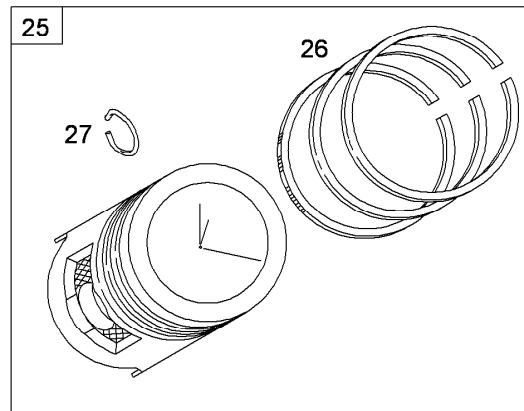
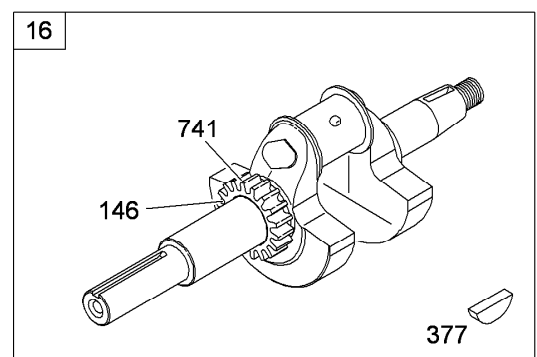
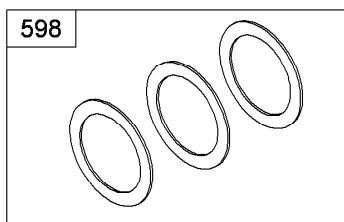
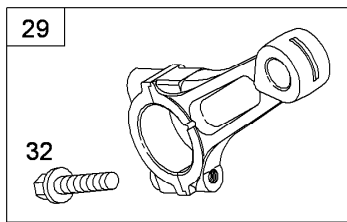
Assemblies include all parts shown in frames

Crankcase Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
12	691684	1	Gasket-Crankcase ●■
17	690752	1	Bearing-Ball ●
18	808847	1	Cover-Crankcase ●
20	805049	1	Seal-Oil (PTO Side) ●■
22	807362	1	Screw (Crankcase Cover) ●
276	690724	1	Washer-Sealing ●▲■
439	692154	1	Seal-O Ring (Crankcase Cover) ●■
552	690701	1	Bushing-Crank, Governor ●
552A	806686	1	Bushing-Crank, Governor ●
615	691550	1	Retainer-Shaft, Governor ●
616	806685	1	Crank-Governor ●
691	690680	1	Seal-Shaft, Governor ●■

● Obtain parts from www.briggsandstratton.com
▲ Included in Carburetor Overhaul Kit (Ref. No. 121)

■ Included in Engine Gasket Set (Ref. No. 358)

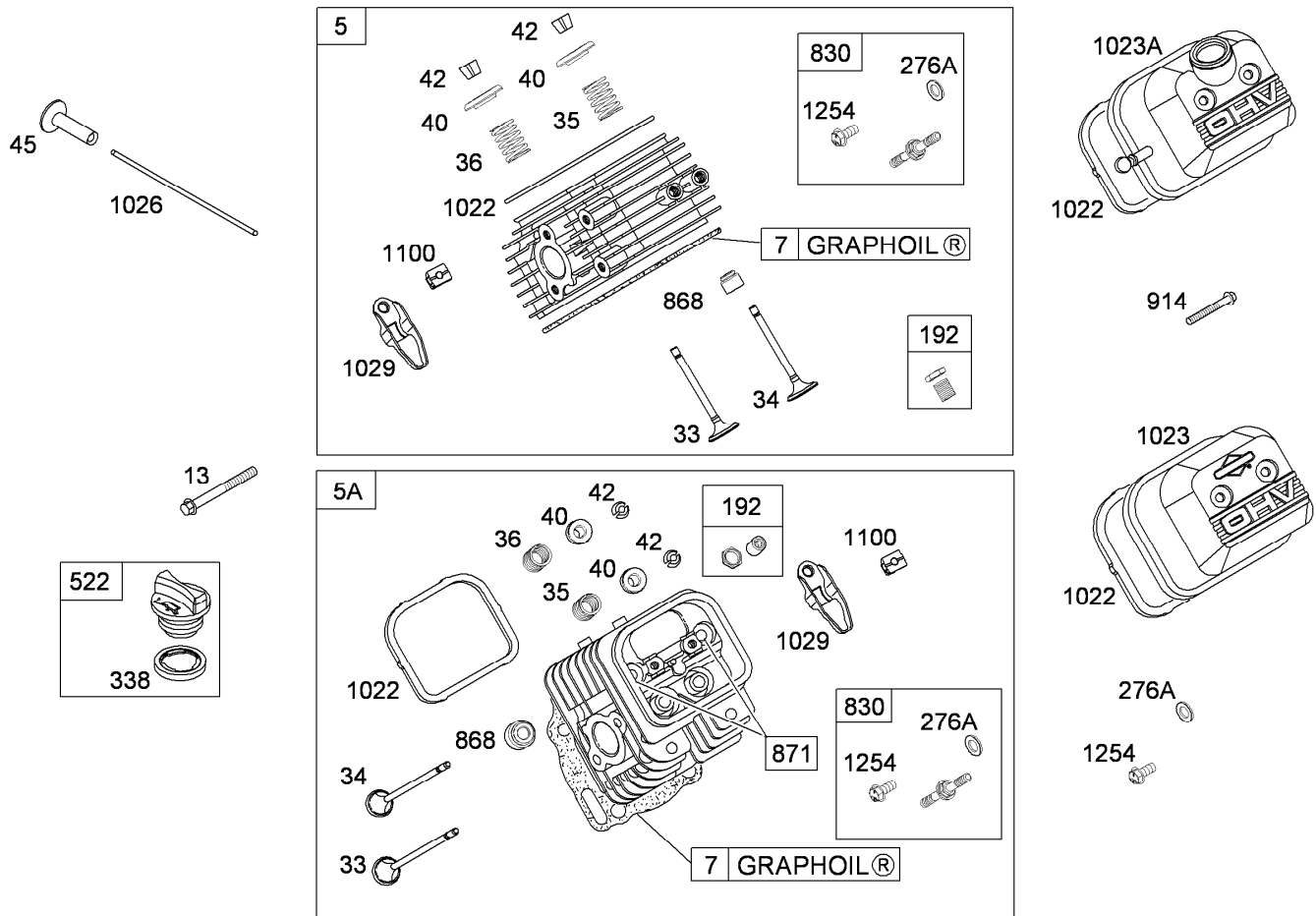


Assemblies include all parts shown in frames

Crankshaft Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
16	809842	1	Crankshaft ●
25	808326	1	Piston ASM (Standard) ●
25	808337	1	Piston ASM (.020 O.S.) ●
26	807889	1	Ring Set (Standard) ●
26	807995	1	Ring Set (.020 O.S.) ●
27	690683	1	Lock-Pin, Piston ●
28	807886	1	Pin-Piston ●
29	807900	1	Rod-Connecting (Standard) ●
29	807803	1	Rod-Connecting (.020 Undersize) ●
32	690698	1	Screw (Connecting Rod) ●
46	691557	1	Camshaft ●
146	691639	1	Key-Timing ●
357	691483	1	Key pulley , Drive ●
377	808095	1	Key-Woodruff ●
598	807625	1	Shim-Play, End ●
741	691530	1	Gear-Timing ●
1025	690689	1	Spool-Governor ●
1133	690342	1	Screw (Crankshaft) ●

● Obtain parts from www.briggsandstratton.com



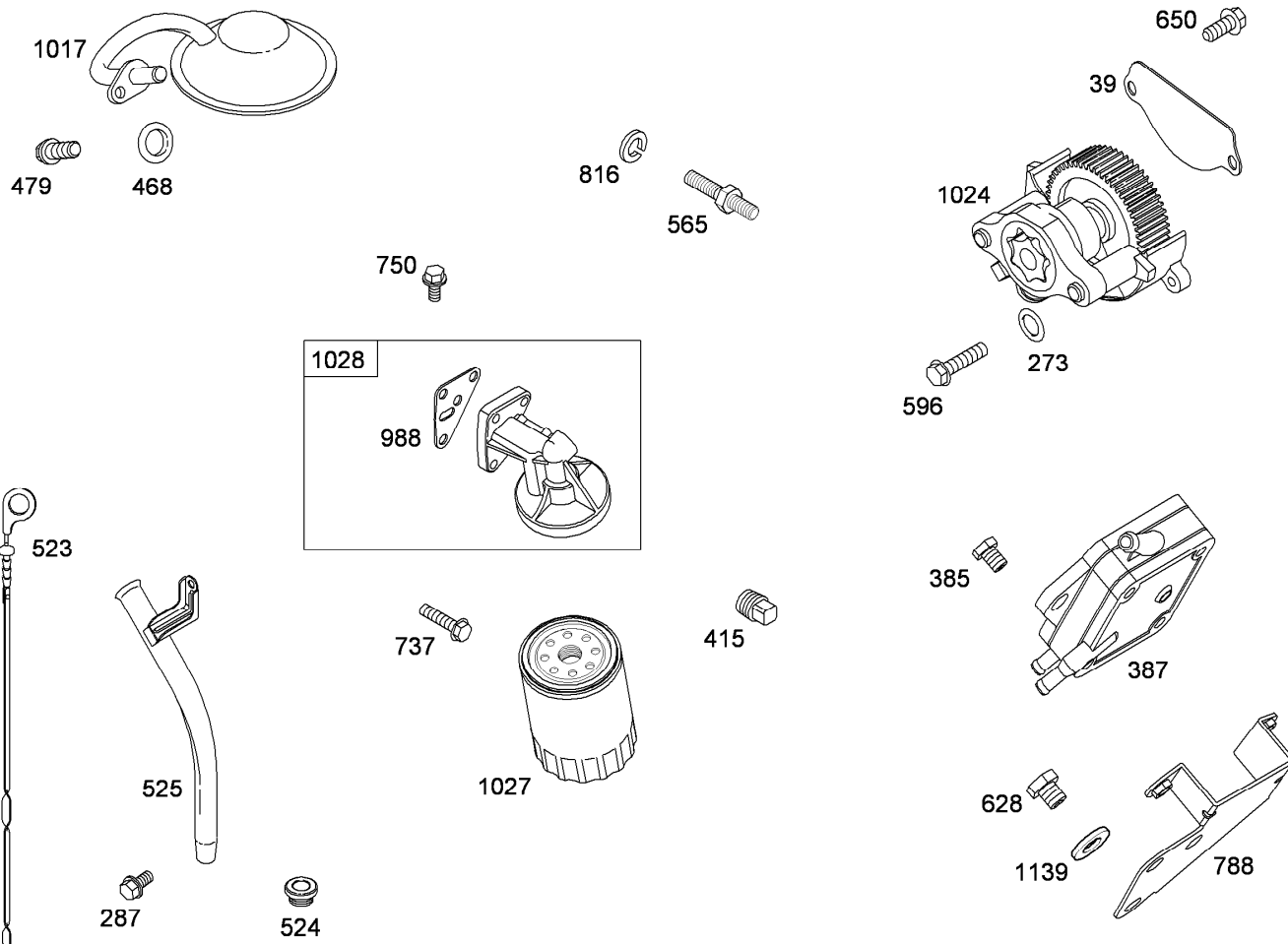
Assemblies include all parts shown in frames

Cylinder Head Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
5	809185	1	Cylinder Head (No. 1) ●	522	491832	1	Plug-Fill, Dipstick ●
5A	809186	1	Cylinder Head (No. 2) ●	830	809157	1	Stud-Arm, Rocker ●
7	690888	1	Gasket-Head, Cylinder ●■▲	868	691963	1	Seal-Valve ●■▲
13	692059	1	Screw (Cylinder Head) ●	871	692057	1	Bushing-Guide, Valve ●
33	807681	1	Valve-Exhaust ●	914	807120	1	Screw (Rocker Cover) ●
34	807680	1	Valve-Intake ●	1022	806039	1	Gasket-Cover, Rocker ●■▲
35	692084	1	Spring-Valve (Intake) ●	1023	691494	1	Cover-Valve ●
36	692084	1	Spring-Valve (Exhaust) ●	1023A	690910	1	Cover-Valve (Cylinder 1) (With Fuel Pump) ●
40	692058	1	Retainer-Valve ●	1026	691836	1	Rod-Push (Intake) ●
42	807683	1	Keeper-Valve ●	1026	691758	1	Rod-Push (Exhaust) ●
45	690977	1	Tappet-Valve ●	1029	807323	1	Arm-Rocker ●
192	807623	1	Adjuster-Arm, Rocker ●	1100	690973	1	Pivot-Arm, Rocker ●
276A	807085	1	Washer-Sealing ●■▲	1254	807084	1	Screw (Rocker Arm Stud) ●
338	691312	1	Seal-O Ring (Dipstick Gasket) ●▲				

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)

■ Included in Engine Gasket Set (Ref. No. 358)



Assemblies include all parts shown in frames

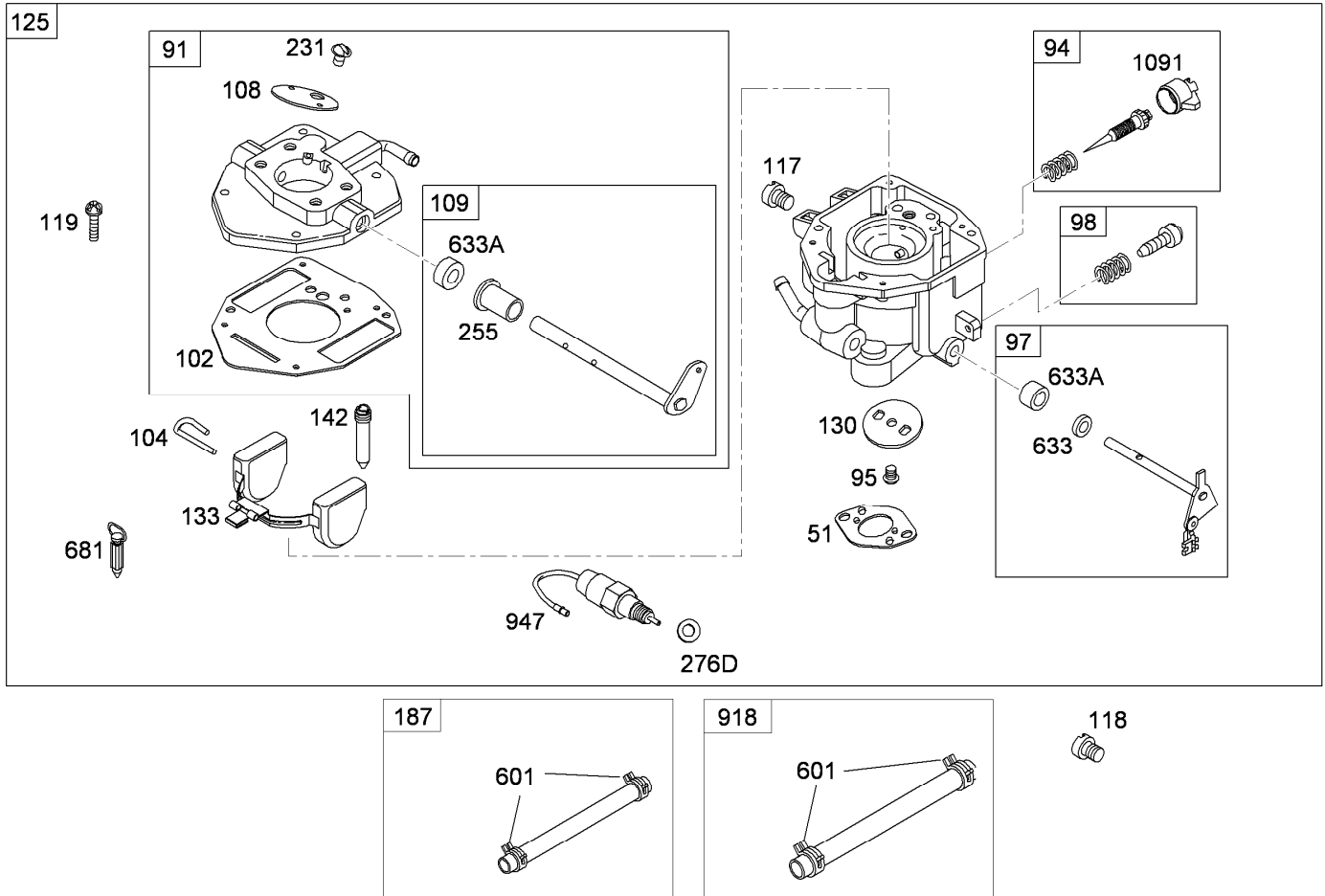
Oil Filter, Tube and Pump Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
39	690745	1	Deflector-Oil ●
273	690681	1	Seal-O Ring (Oil Pump) ■●
287	692062	1	Screw (Dipstick Tube) ●
385	807084	1	Screw (Fuel Pump) ●
387	808969	1	Pump-Fuel ●
415	690283	1	Plug-Oil ●
468	690690	1	Seal-O Ring (Oil Pump Screen) ■●
479	807084	1	Screw (Oil Pump Screen) ●
523	693175	1	Dipstick ●
524	693172	1	Seal-Tube, Dipstick ■▲●
525	693174	1	Tube-Dipstick ●
565	690682	1	Stud (Oil Filter Adapter) ●
596	691492	1	Screw (Oil Pump) ●
628	692062	1	Screw (Fuel Pump Bracket) ●

Ref.	Part Number	Qty.	Description
650	841233	1	Screw (Oil Deflector) ●
737	690679	1	Screw (Oil Filter Adapter) ●
750	692539	1	Screw ●
788	691559	1	Bracket-Pump, Fuel ●
816	690706	1	Washer (Oil Filter Adapter) ●
988	692063	1	Gasket-Adapter, Oil Filter ■
1017	690900	1	Screen-Pump, Oil ●
1024	693185	1	Pump-Oil ●
1027	492932	1	Filter-Oil ●
1028	808235	1	Adapter-Filter, Oil ●
1139	806497	1	Washer (Fuel Pump Bracket) ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)

■ Included in Engine Gasket Set (Ref. No. 358)



Assemblies include all parts shown in frames

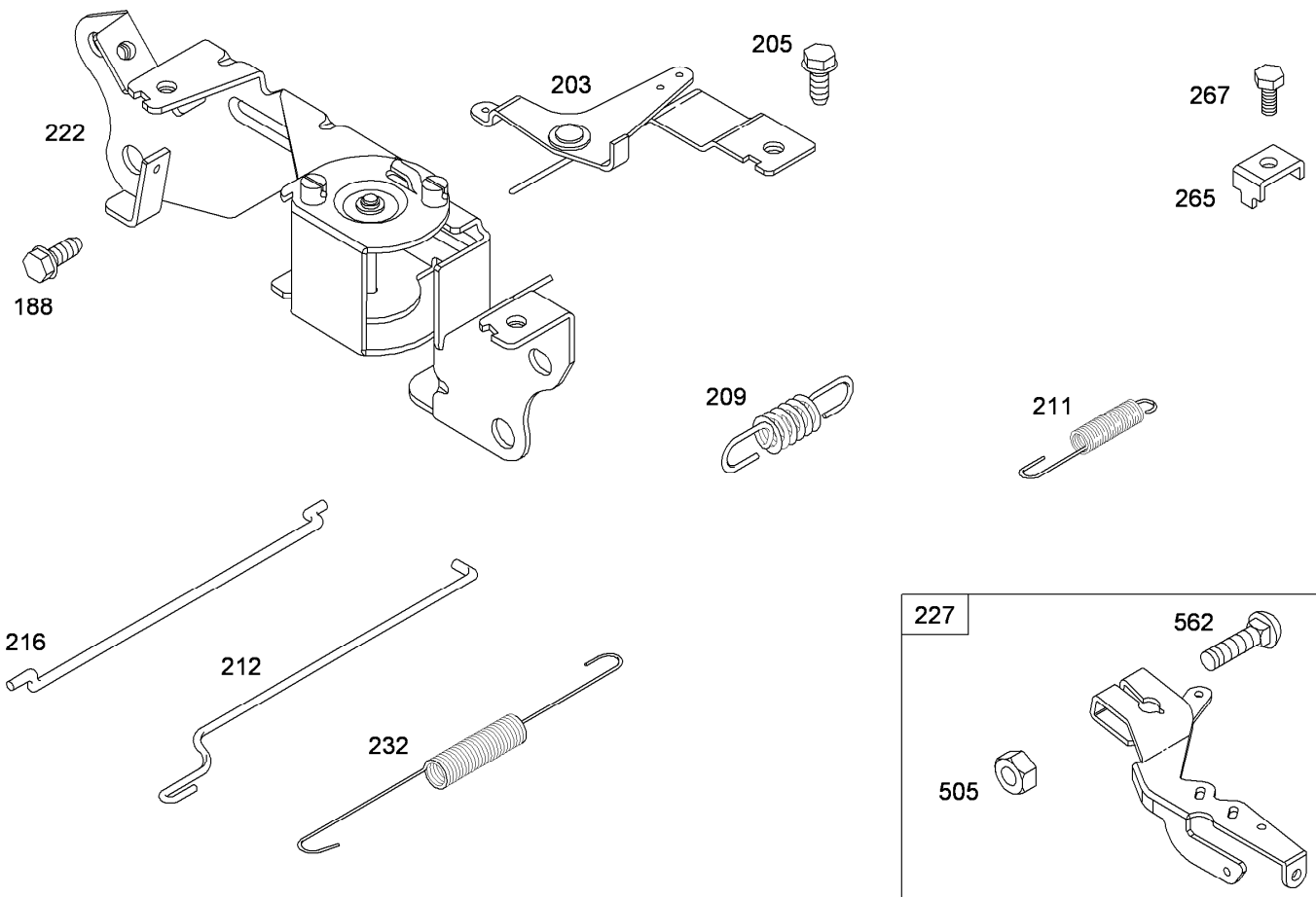
Carburetor Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
51	691694	1	Gasket-Intake ●■
91	809208	1	Upper Carburetor Body ASM ●
94	808257	1	Idle Mixture Kit ●▲
95	690718	1	Screw (Throttle Valve) ●
97	807495	1	Shaft throttle ●
98	808981	1	Idle Speed Kit ●
102	692077	1	Gasket-Body, Carburetor ●▲
104	690723	1	Pin-Hinge, Float ●▲
108	690719	1	Valve-Choke ●
109	809096	1	Shaft-Choke ●
117	690862	1	Jet main (STD) ●▲
118	809442	1	Jet main (High Altitude) ●
119	690720	1	Screw (Upper To Lower Body) ●
125	809217	1	Carburetor ●
130	690726	1	Valve-Throttle ●

Ref.	Part Number	Qty.	Description
133	806961	1	Float-Carburetor ●
142	690725	1	Nozzle-Carburetor ●▲
187	791766	1	Line-Fuel (Cut To Required Length) ●
231	690718	1	Screw (Choke Valve) ●
255	690721	1	Bushing-Shaft, Choke ●▲
276D	806137	1	Washer-Sealing ●
601	791850	1	Clamp-Hose ●
633	806131	1	Seal-Shaft, Choke Throttle ●▲
633A	690722	1	Seal-Shaft, Choke Throttle ●▲
681	808798	1	Valve-Needle, Float ●▲
918	393815	1	Line-Vacuum ●
947	692094	1	Solenoid-Fuel ●
1091	691516	1	Cap-Limiter ●▲

● Obtain parts from www.briggsandstratton.com
▲ Included in Carburetor Overhaul Kit (Ref. No. 121)

■ Included in Engine Gasket Set (Ref. No. 358)

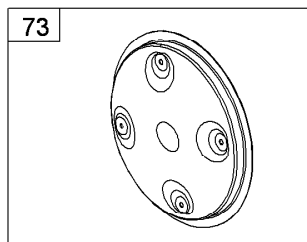
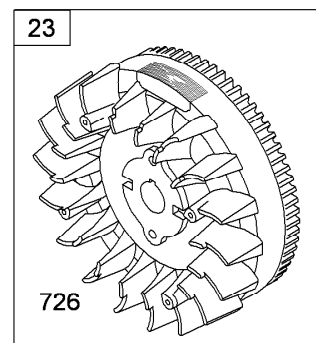
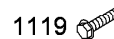
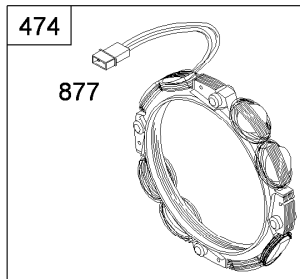
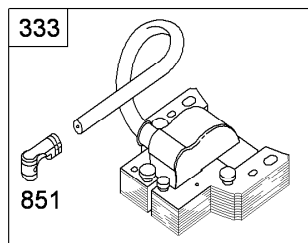


Assemblies include all parts shown in frames

Governor Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
188	692056	1	Screw (Control Bracket) ●
203	690923	1	Crank-Bell ●
205	692083	1	Screw (Bell Crank) ●
209	806872	1	Spring-Governor ●
211	806868	1	Spring-Idle, Governor ●
212	690712	1	Link-Throttle ●
216	690705	1	Link-Choke ●
222	808454	1	Bracket-Control ●
227	690236	1	Lever-Control, Governor ●
232	692073	1	Spring-Link, Governor ●
265	691024	1	Clamp-Casing ●
267	692083	1	Screw (Casing Clamp) ●
505	690238	1	Nut (Governor Control Lever) ●
562	690239	1	Bolt (Governor Control Lever) ●

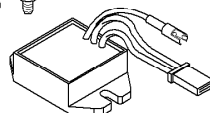
● Obtain parts from www.briggsandstratton.com



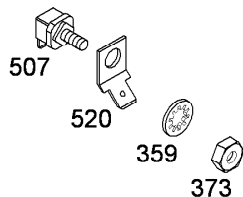
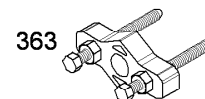
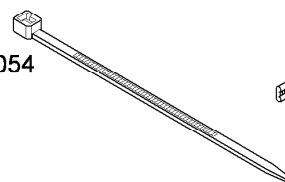
1005



501



1054



Assemblies include all parts shown in frames

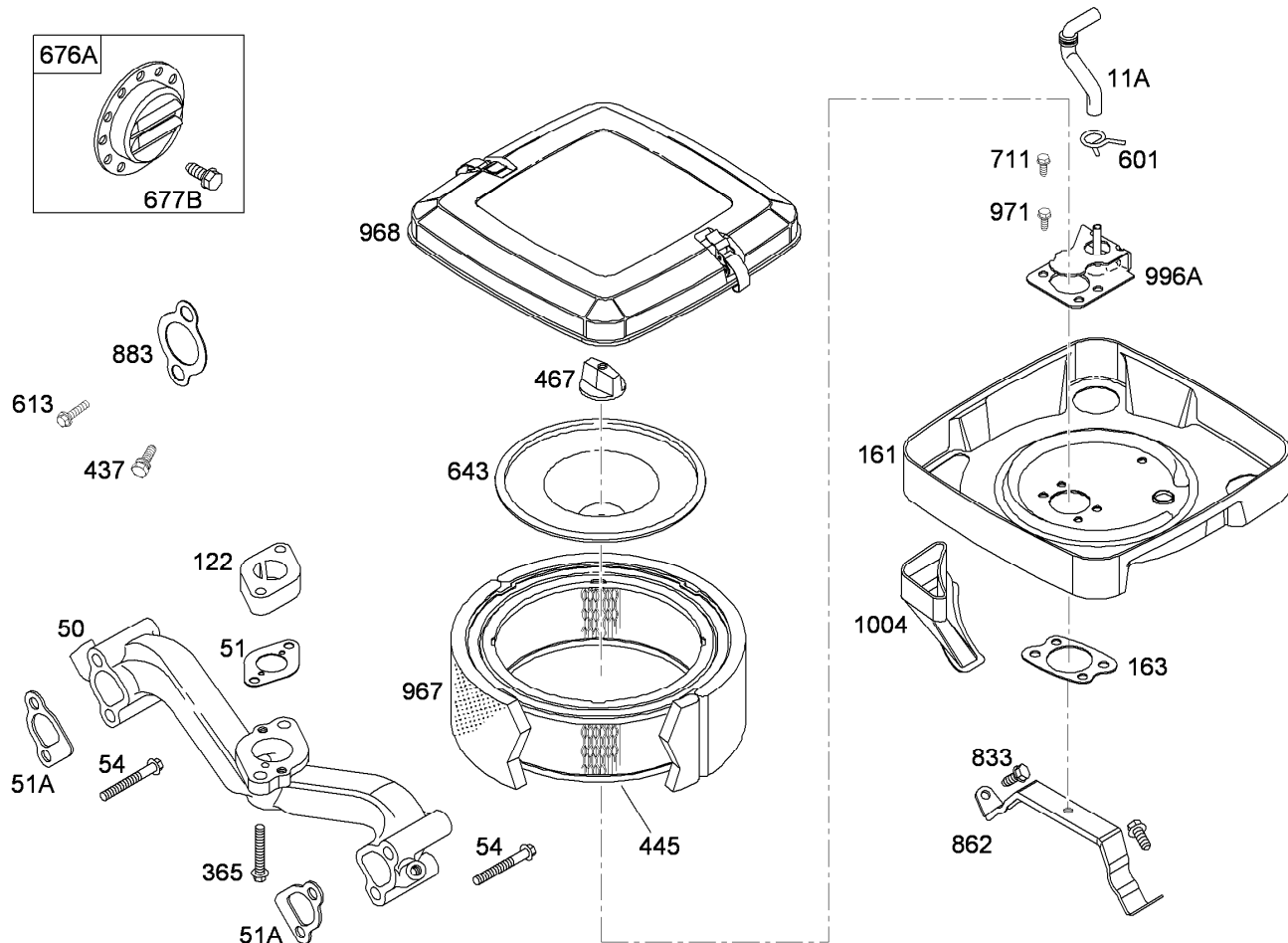
Flywheel Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
23	841050	1	Flywheel ■
73	841440	1	Screen rotating ■
74	841441	1	Screw (Rotating Screen) ■
332	690887	1	Nut (Flywheel) ■
333	492341	1	Armature-Magneto ■
334	692066	1	Screw (Magneto Armature) ■
359	691077	1	Washer (Ground Terminal) ■
363	19203	1	Puller-Flywheel ■
373	691612	1	Nut (Ground Terminal) ■
474	696458	1	Alternator ■
501	691185	1	Regulator ■
507	691972	1	Insulator ■
520	691084	1	Terminal-Ground ■

Ref.	Part Number	Qty.	Description
526	692067	1	Screw (Regulator) ■
529	690744	1	Grommet ■
578	692319	1	Wire ASM ■
726		1	Gear Ring ■ ●
729	690586	1	Clip-Wire ■
851	493880	1	Terminal-Spark Plug ■
877	399916	1	Connector-Wire, Alternator ■
934	691058	1	Screw (Fan Retainer) ■
1005	841439	1	Fan flywheel ■
1006	690452	1	Retainer-Fan ■
1044	692056	1	Screw (Flywheel) ■
1054	280275	1	Tie-Cable ■
1119	691552	1	Screw (Alternator) ■

● Not serviced separately

■ Obtain parts from www.briggsandstratton.com



Assemblies include all parts shown in frames

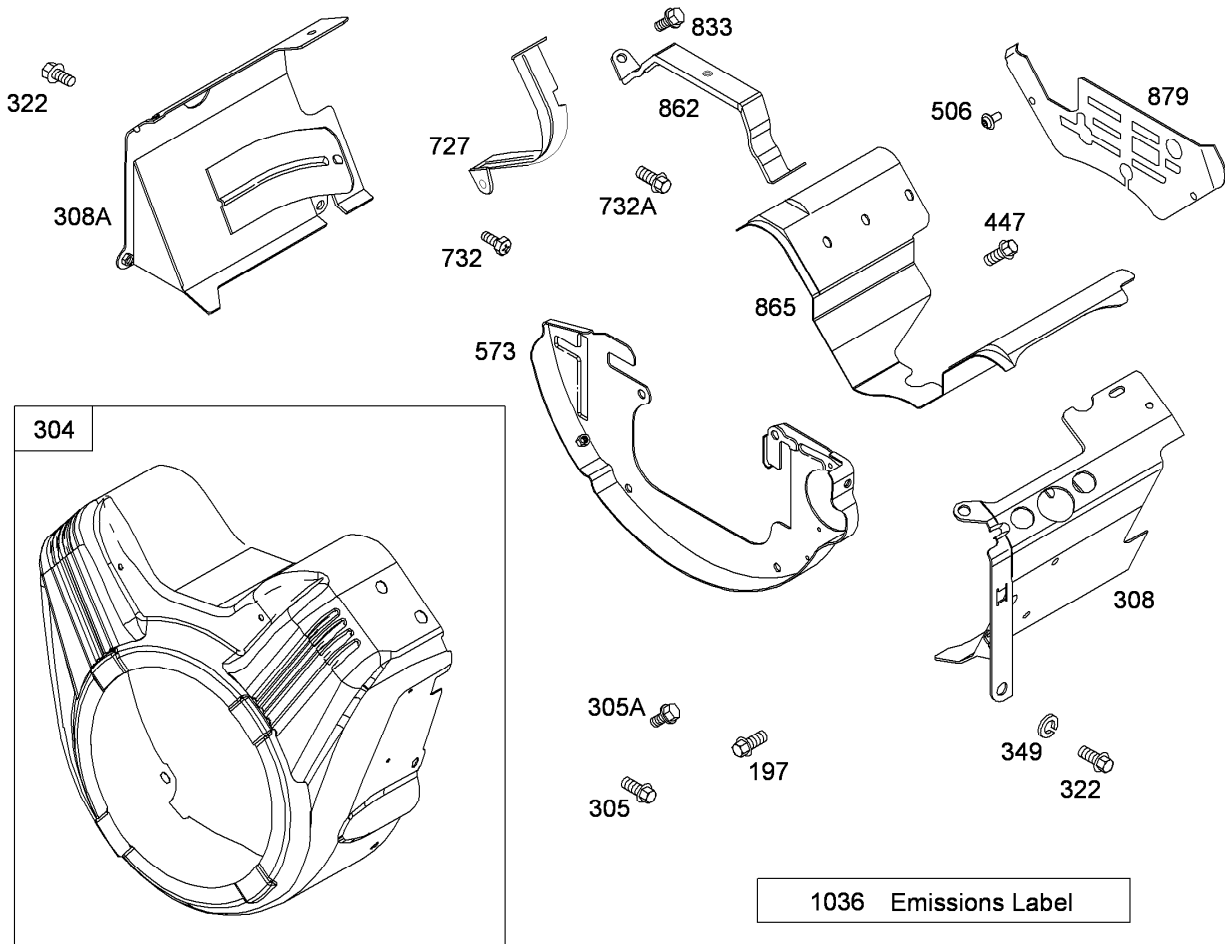
Air Cleaner Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
11A	806083	1	Tube-Breather ●
50	690754	1	Manifold-Intake ●
51	691694	1	Gasket-Intake ●■
51A	692035	1	Gasket-Intake ●■▲
54	690676	1	Screw (Intake Manifold) ●
122	690691	1	Spacer-Carburetor ●
161	691561	1	Base-Cleaner, Air ●
163	692081	1	Gasket-Cleaner, Air ●■
365	690711	1	Screw (Carburetor) ●
437	691902	1	Screw (Exhaust Manifold) ●
445	394018	1	Filter-Air ●
467	691985	1	Knob-Cleaner, Air ●
601	691038	1	Clamp-Hose ●
613	691902	1	Screw (Muffler) ●
643	692079	1	Retainer-Filter, Air ●

Ref.	Part Number	Qty.	Description
676A	397630	1	Deflector-Exhaust ●
677B	690661	1	Screw (Exhaust Deflector) ●
883	691613	1	Gasket-Exhaust ●■▲
711	841233	1	Screw (Carburetor Shield) ●
833	841233	1	Screw (Stud Mounting Strap) ●
862	692153	1	Strap-Stud Mounting, Air Cleaner ●
967	272490	1	Filter-Air ●
968	699959	1	Cover cleaner, Air ●
971	807084	1	Screw (Air Cleaner Base To Carburetor) ●
996A	691577	1	Shield-Carburetor ●
1004	807121	1	Duct air ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)

■ Included in Engine Gasket Set (Ref. No. 358)

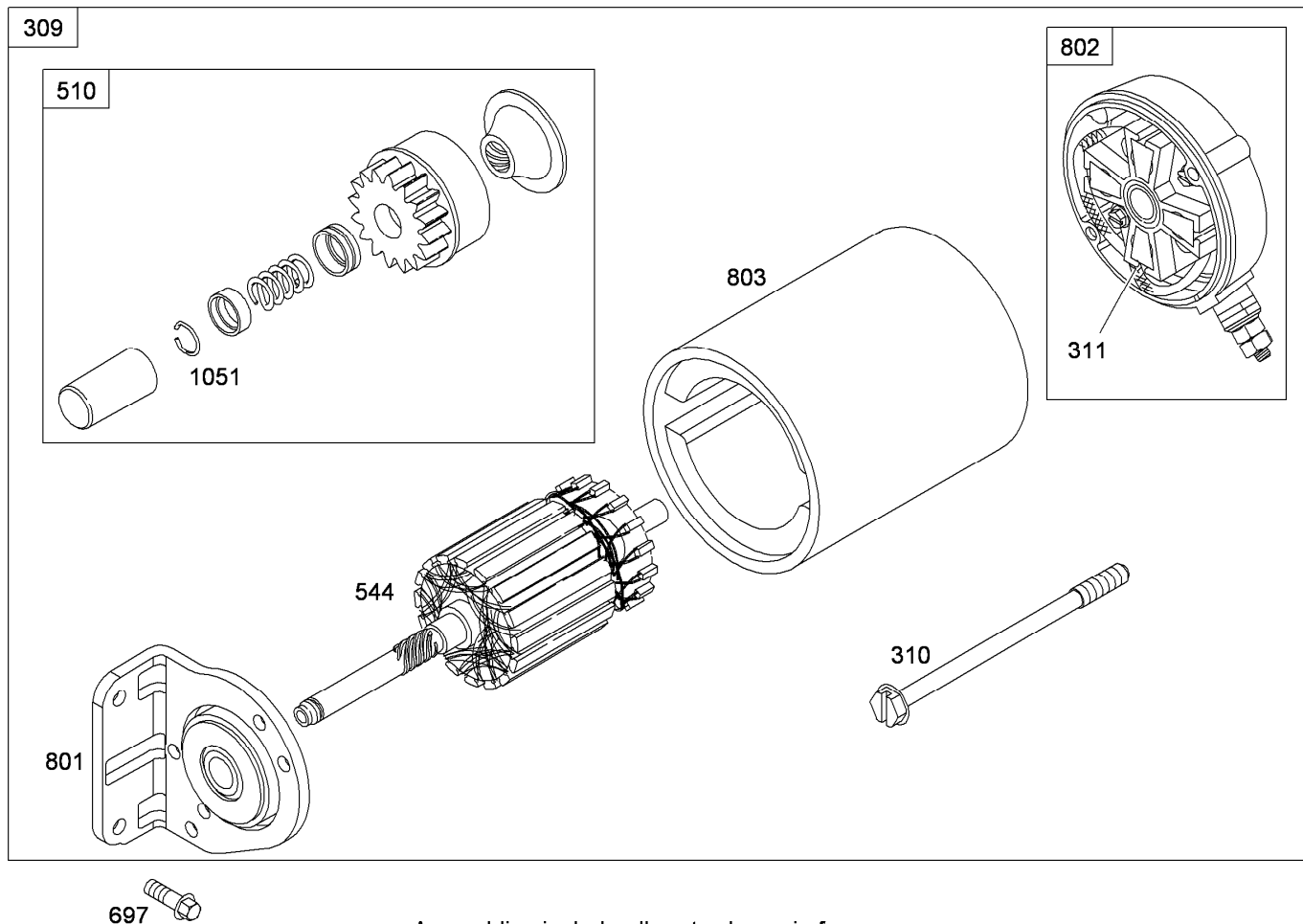


Assemblies include all parts shown in frames

Blower Housing Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
197	807163	1	Screw (Back Plate) ●
304	841397	1	Housing blower ●
305	841233	1	Screw (Blower Housing) ●
305A	692056	1	Screw (Blower Housing) ●
308	841232	1	Cover-Head, Cylinder ●
308A	841182	1	Cover-Head, Cylinder ●
322	841233	1	Screw (Cylinder Head Cover) ●
349	690238	1	Nut (Cylinder Head Cover) ●
447	841233	1	Screw (Air Guide Cover) ●
506	807120	1	Screw (Carburetor Cover) ●
573	841310	1	Plate back ●
727	841313	1	Cover drive, Starter ●
732	690688	1	Screw (Starter Drive Cover) ●
732A	841233	1	Screw (Starter Drive Cover) ●
833	841233	1	Screw (Air Cleaner Mountingstrap/Stud) ●
862	692153	1	Strap-Stud Mounting, Air Cleaner ●
865	807119	1	Cover-Guide, Air ●
879	807118	1	Cover carburetor ●
1036	842669	1	Label emission ●

● Obtain parts from www.briggsandstratton.com



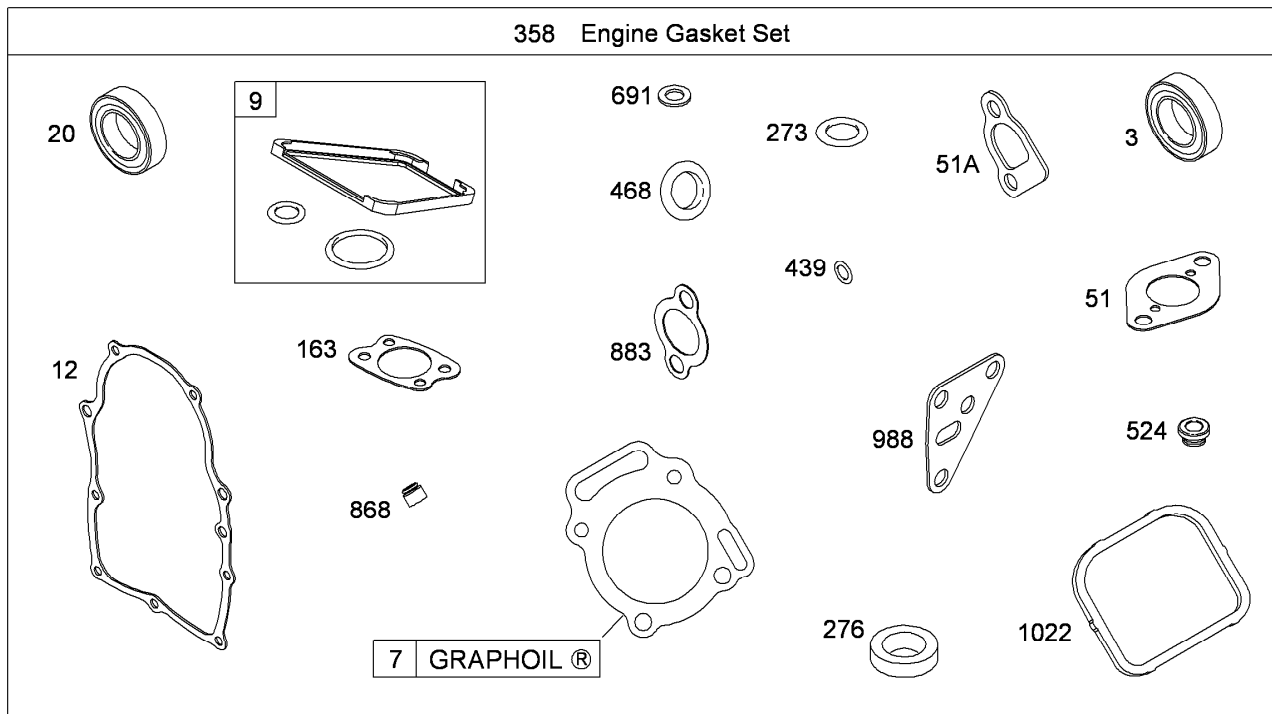
Assemblies include all parts shown in frames

Starter Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
309	691564	1	Motor-Starter ●
310	496880	1	Bolt-Thru (Starter Motor) ●
311	496887	1	Brush Set ●
510	496881	1	Drive-Starter ●
544	690855	1	Armature-Starter ●
697	692062	1	Screw (Drive Cap) ●
801	808778	1	Cap-Drive ●
802	496813	1	Cap-End ●
803	690854	1	Housing-Starter ●
1051	691124	1	Ring-Lock ●

● Obtain parts from www.briggsandstratton.com

358 Engine Gasket Set



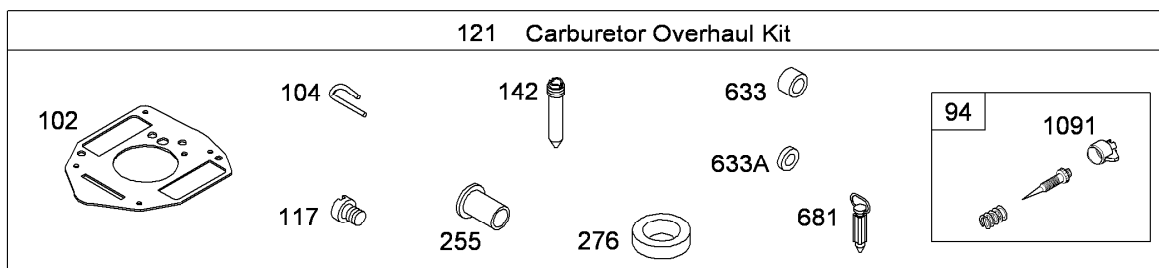
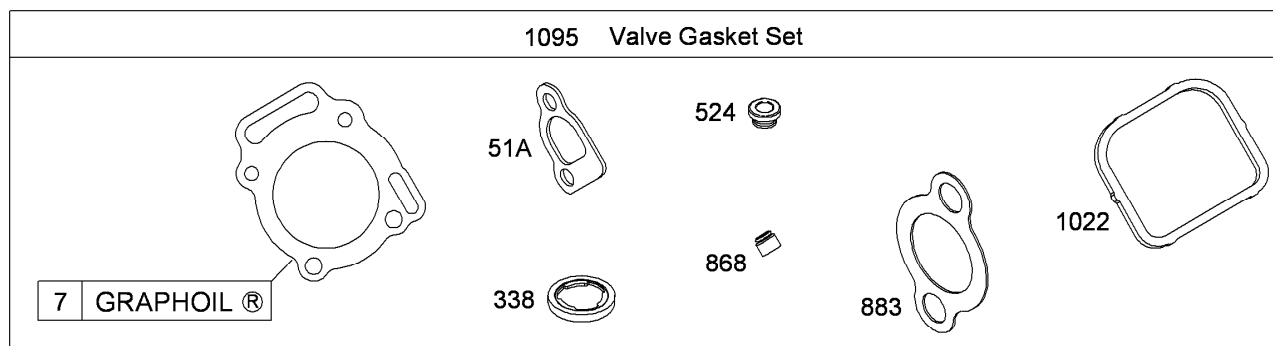
Assemblies include all parts shown in frames

Engine Gasket Set Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
3	805101	1	Seal-Oil (Magneto Side) ●■
7	690888	1	Gasket-Head, Cylinder ●■▲
9	809094	1	Gasket-Breather ●■
12	691684	1	Gasket-Crankcase ●■
20	805049	1	Seal-Oil (PTO Side) ●■
51	691694	1	Gasket-Intake ●■
51A	692035	1	Gasket-Intake ●■▲
163	692081	1	Gasket-Cleaner, Air ●■
273	690681	1	Seal-O Ring ●■
276	690724	1	Washer-Sealing ●◆■
358	841188	1	Engine Gasket Set ●
439	692154	1	Seal-O Ring (Crankcase Cover) ●■
468	690690	1	Seal-O Ring (Oil Pump Screen) ●■
524	693172	1	Seal-Tube, Dipstick ●■▲
691	690680	1	Seal-Shaft, Governor ●■
868	691963	1	Seal-Valve ●■▲
883	691613	1	Gasket-Exhaust ●■▲
988	692063	1	Gasket-Adapter, Oil Filter ●■
1022	806039	1	Gasket-Cover, Rocker ●■▲

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)

■ Included in Engine Gasket Set (Ref. No. 358)
◆ Included in Carburetor Overhaul Kit (Ref. No. 121)



Assemblies include all parts shown in frames

Valve Gasket Set and Carburetor Overhaul Kit Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
7	690888	1	Gasket-Head, Cylinder ●■▲
51A	692035	1	Gasket-Intake ●■▲
94	808257	1	Idle Mixture Kit ●◆
102	692077	1	Gasket-Body, Carburetor ●◆
104	690723	1	Pin-Hinge, Float ●◆
117	690862	1	Jet main (STD) ●◆
121	809021	1	Carburetor Overhaul Kit ●
142	690725	1	Nozzle-Carburetor ●◆
255	690721	1	Bushing-Shaft, Choke ●◆
276	690724	1	Washer-Sealing ●◆■
338	691312	1	Seal-O Ring (Dipstick Gasket) ●▲
524	693172	1	Seal-Tube, Dipstick ●■▲
633	806131	1	Seal-Shaft, Choke Throttle ●◆
633A	690722	1	Seal-Shaft, Choke Throttle ●◆
681	808798	1	Valve-Needle, Float ●◆
868	691963	1	Seal-Valve ●■▲
883	691613	1	Gasket-Exhaust ●■▲
1022	806039	1	Gasket-Cover, Rocker ●■▲
1091	691516	1	Cap-Limiter ●◆
1095	841191	1	Valve Gasket Set ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)

■ Included in Engine Gasket Set (Ref. No. 358)
◆ Included in Carburetor Overhaul Kit (Ref. No. 121)

Attachments and Accessories

For 04357 Greensmaster 3150 2-Wheel Drive Traction Unit

Product Name	Model/Part
Turf Evaluator	04399
Three-Wheel Drive Kit	04474
Spiker Kit	04494
Tri-Roller Kit.....	04495
Dethatching Reel ASM	04496
8-Blade DPA Reel Mower	04610
11-Blade DPA Reel Mower	04611
14-Blade DPA Reel Mower	04616
Premium Bio-Degradable Hydraulic Fluid (5 Gallon Pail).....	100-7674
Roll-Over Protection System Kit	105-8258
Light Kit.....	105-8336
Oil Cooler Kit.....	105-8339
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail).....	108-1178
Premium Bio-Degradable Hydraulic Fluid (55 Gallon Drum)	108-1189
Premium Engine Oil SAE 30 (Drum)	108-1196
Premium Engine Oil SAE 30 (Pail).....	108-1197
Speed Control Kit.....	108-6472
Lamp-LED, Low Draw.....	112-9177
Hydraulic Hose Kit	117-2725
Tire-Traction	119-3516
Arm Rest Kit.....	30707

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Count on it.