Form Number 3350-374

Greensmaster® 3150

Model No. 04357 - 240000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

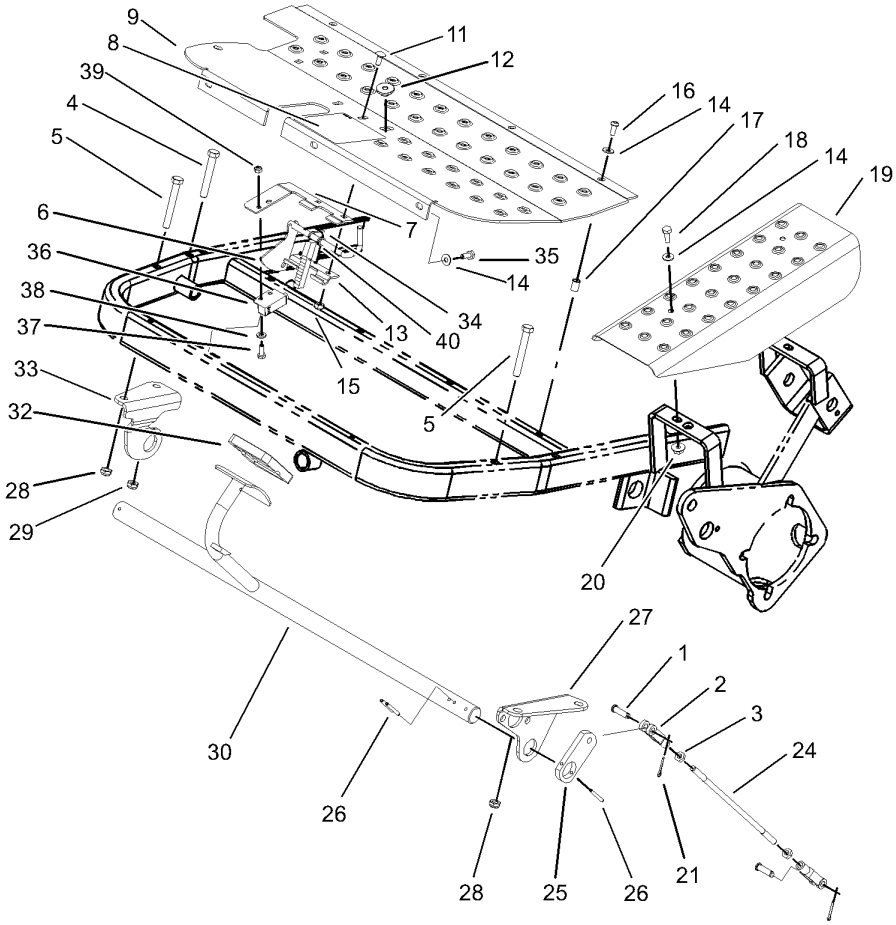
AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HS. . . . . hex
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head
WH. . . . . wing head

Footnotes

❶ Not illustrated
❷ Not serviced separately
❸ Included in Engine Gasket Set-Ref. 358.
❹ Included in Valve Gasket Set-Ref. 1095.
❺ Included in Carburetor Overhaul Kit-Ref. 121.
❻ Included in Valve Overhaul Gasket Set-Ref. 1095.
❼ Obtain parts from your local Briggs and Stratton dealer

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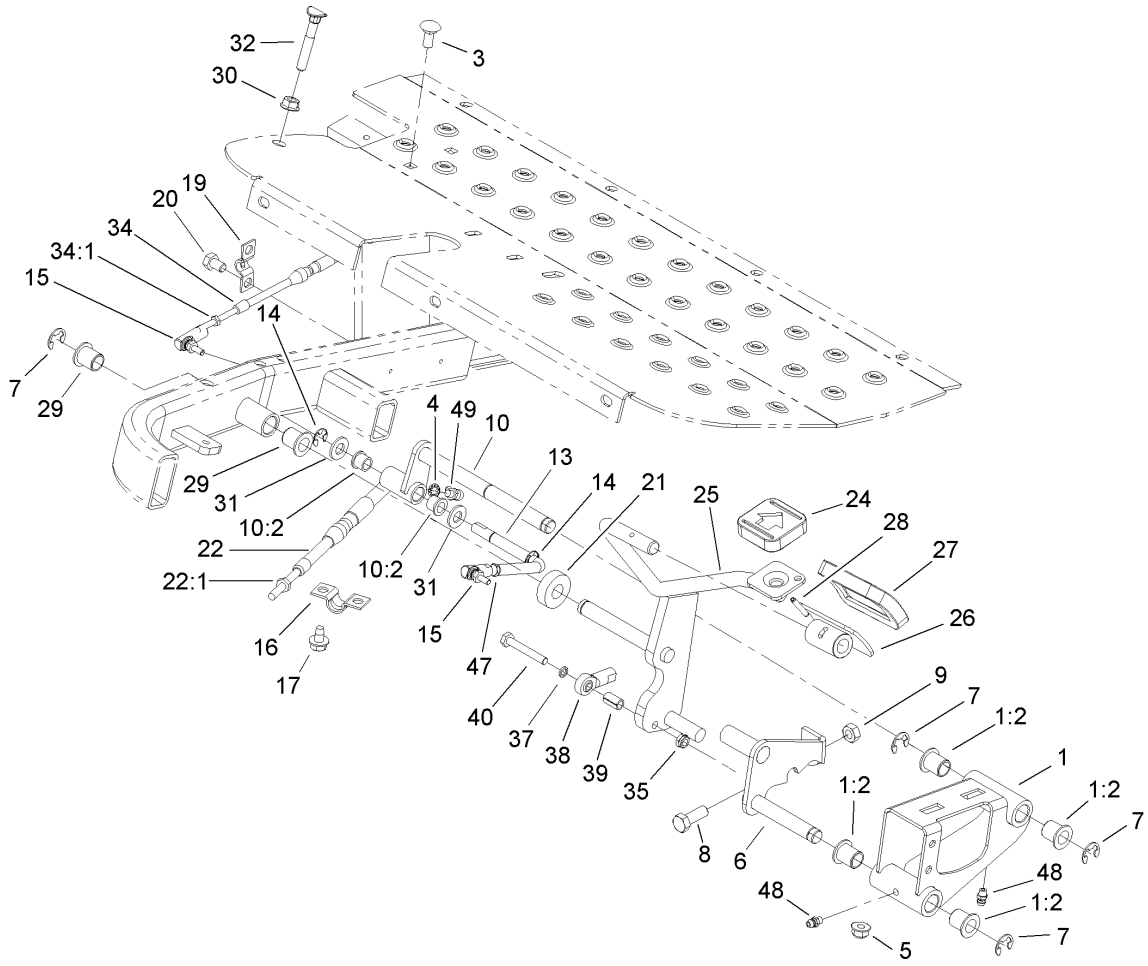
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Brake Pedal Assembly

Ref	Part No.	Qty.	Description
1	283-61	4	Pin-Yoke
2	282-2	4	Yoke
3	3220-2	4	Nut
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
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	Insert-Nut
18	321-4	2	Screw-HH
19	83-0200-01	1	Plate-Cover, LH
20	32128-33	2	Nut-HF
21	3272-6	4	Pin-Cotter
24	27-2270	2	Rod-Adjustment, Brake
25	10-8100-01	2	Strap-Shaft, Brake
26	32121-35	4	Pin-Roll
27	88-9640-01	1	Bracket-Lift Pivot, LH

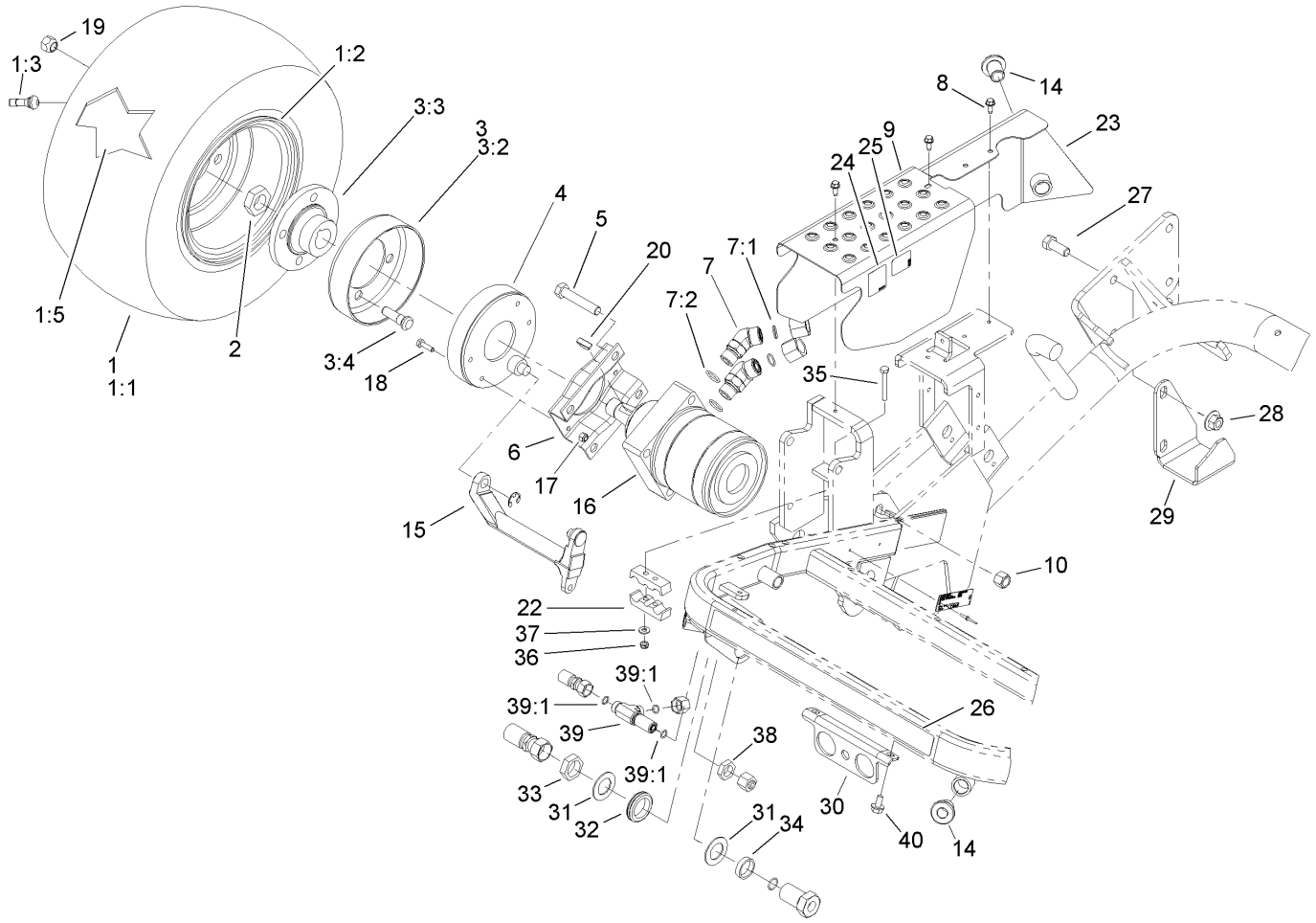
Ref	Part No.	Qty.	Description
28	104-8301	3	Nut-Flange, NI
29	3296-59	1	Nut-Lock, NI
30	83-0160	1	Shaft-Brake
32	93-7629	1	Pad-Foot, Brake
33	105-0440-01	1	Bracket-Brake, RH
34	10-8140	1	Spring-Latch, Brake
35	321-3	3	Screw-HH
36	104-2057	1	Sensor
37	48-7620	2	Screw-HH
38	33093-00	2	Washer-Flat
39	49-7810	2	Nut-Lock
40	75-5470	2	Spacer-Bearing



Traction Pedal Assembly

Ref	Part No.	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-Flange, NI
6	105-5425	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
24	74-9110	1	Pad-Pedal, Reverse
25	105-5421-01	1	Traction Pedal ASM
26	49-6440-03	1	Pedal-Forward

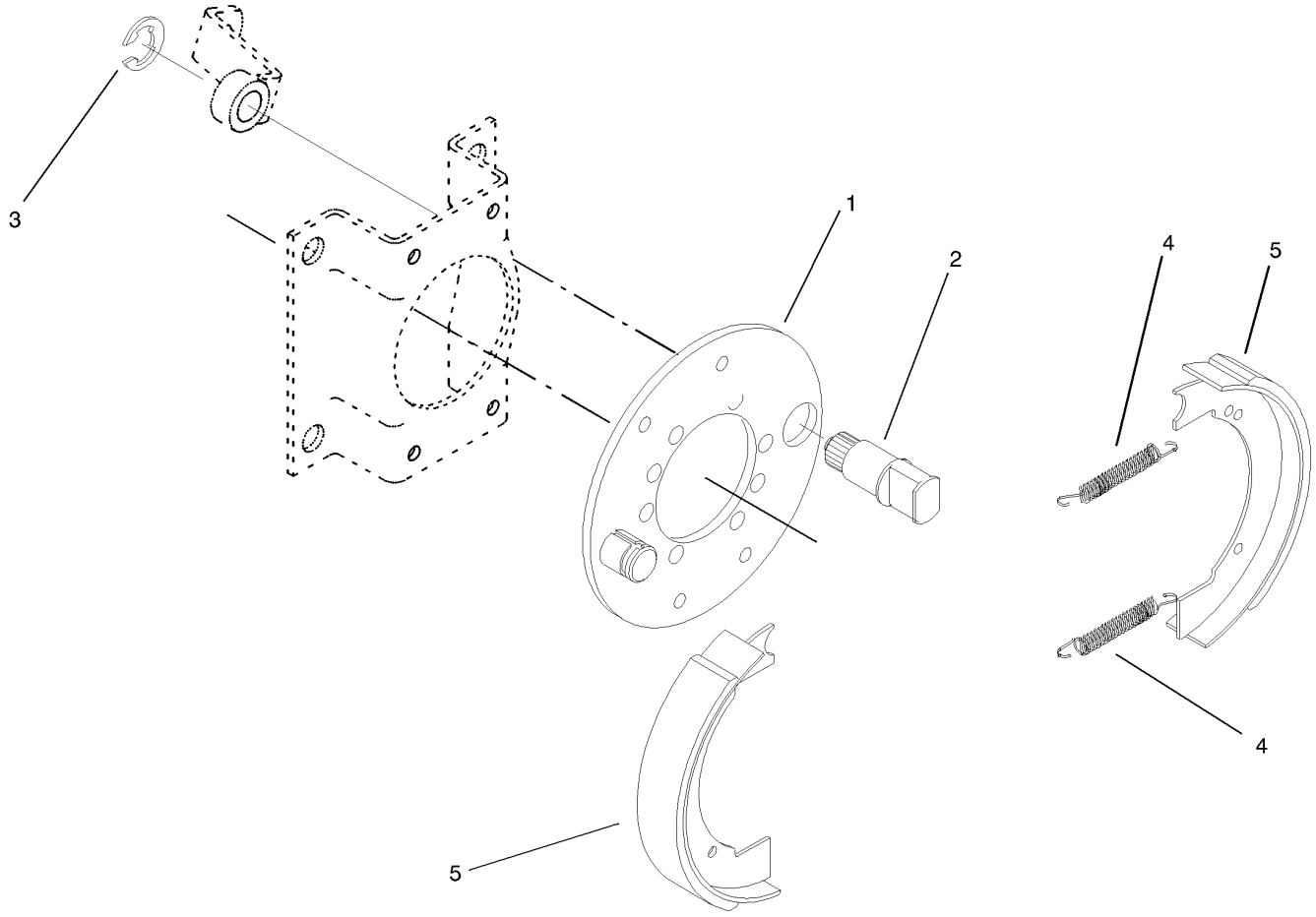
Ref	Part No.	Qty.	Description
27	74-9100	1	Pad-Pedal, Forward
28	32121-45	1	Pin-Spring
29	256-155	2	Bushing-Flange
30	32128-20	1	Nut-HF
31	3256-24	2	Washer-Flat
32	17-9426	1	Screw-Handle
34	105-5444	1	Cable-Lock, Neutral
34:1	3219-14	2	Nut-Hex
35	3296-56	1	Nut-Lock, NI
37	105-8318	1	Washer-Flat
38	2411-41	1	Joint-Ball
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



Front Wheel and Brake Assembly

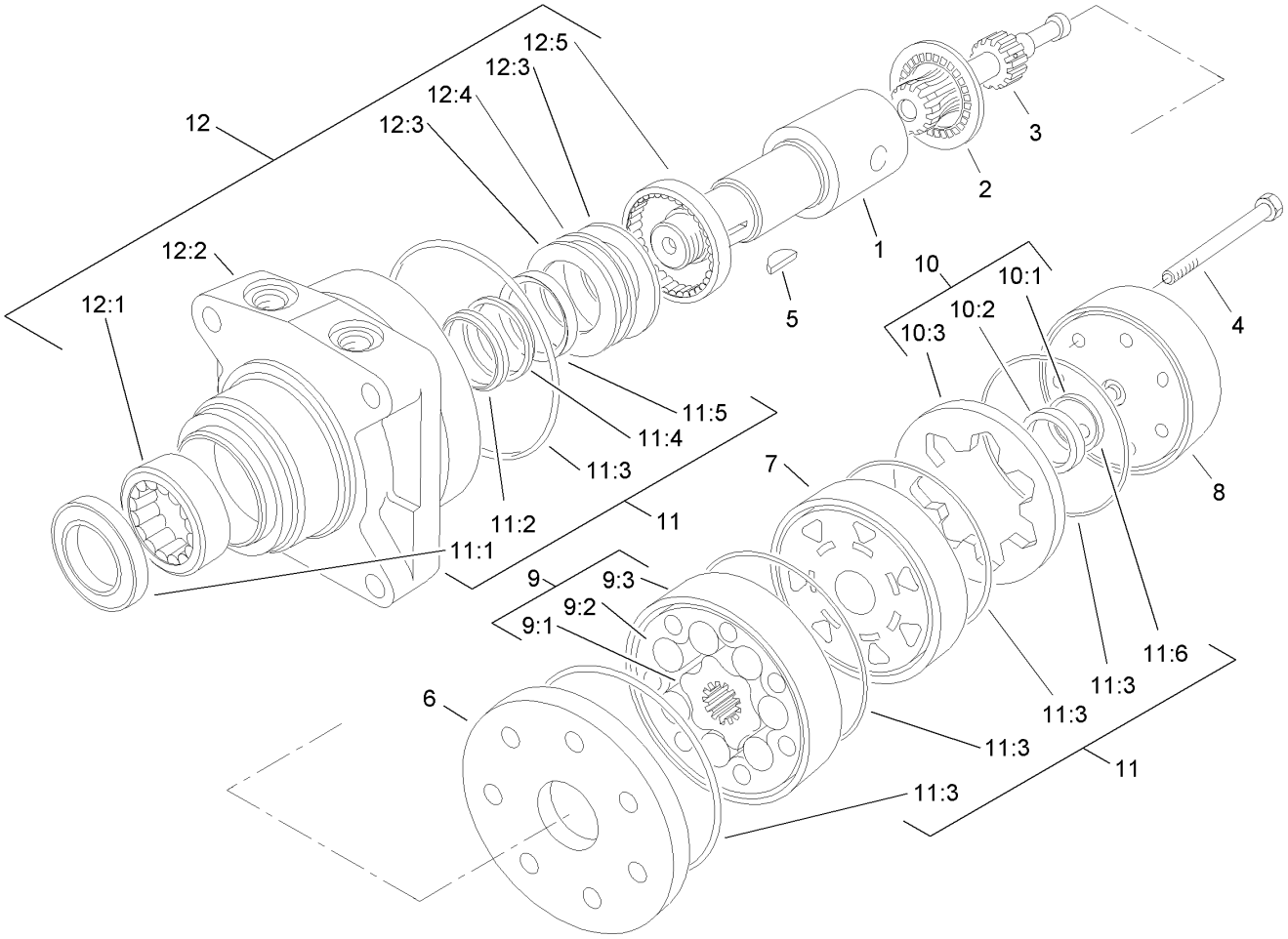
Ref	Part No.	Qty.	Description
❷1		2	Wheel And Tire ASM
1:1	28-3680	1	Tire
1:2	217-60	1	Rim
1:3	232-27	1	Stem-Valve
1:5	232-37	1	Tube
2	26-3790	2	Nut-Lock
3	10-6821	2	Brake Drum ASM
3:2	10-6850	1	Drum-Brake
3:3	10-6870-03	1	Hub-Wheel
3:4	85-6540	4	Stud-Drive
4	104-7705	2	Brake ASM
5	325-11	8	Screw-HH
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
16	92-9199	2	Motor-Wheel, HYD
17	3296-42	8	Nut-Lock, NI
18	321-5	8	Screw-HH

Ref	Part No.	Qty.	Description
19	242-50	8	Nut-Lug
20	3257-42	2	Key-Woodruff
❶21	3290-378	3	Tie-Cable
22	93-2509	2	Clamp-Tube
23	105-8282-01	1	Side Shield ASM
24	105-4674	1	Decal-Noise, Ce
25	93-7252	1	Decal
26	105-5470	1	Decal
27	325-5	2	Screw-HH
28	32128-52	2	Locknut-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	Locknut-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	32144-14	2	Screw-HWH



Brake Assembly No. 104-7705

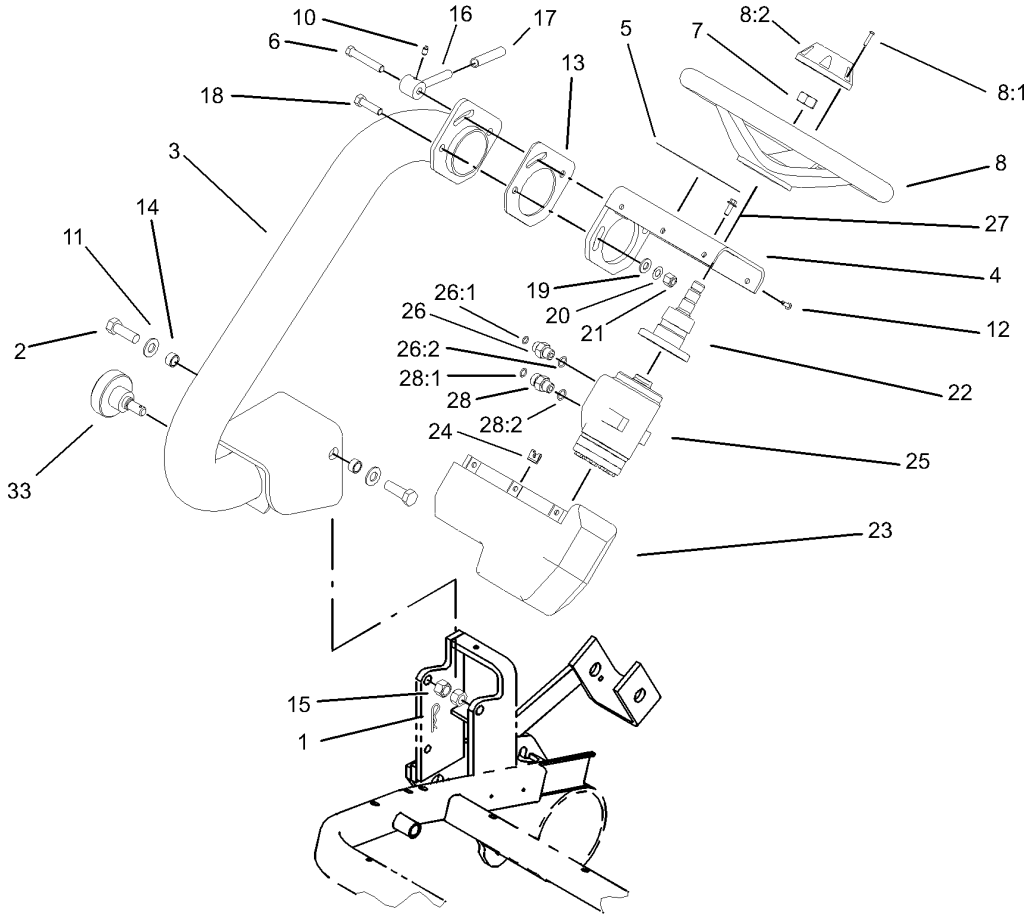
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Hydraulic Wheel Motor Assembly No. 92-9199

Ref	Part No.	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	76-0870	1	Plate-Wear
7	76-0840	1	Manifold
8	76-0940	1	End Cover ASM
9	92-9763	1	Rotor Set
❷9:1		1	Rotor
❷9:2		1	Vane
❷9:3		1	Stator
10	76-0880	1	Commutator ASM
❷10:1		1	Seal-Commutator
❷10:2		1	Commutator
❷10:3		1	Ring-Commutator
11	94-8178	1	Seal Kit
❷11:1		1	Seal-Dirt & Water
❷11:2		1	Washer-Backup
❷11:3		5	Seal-Ring
❷11:4		1	Washer-Backup
❷11:5		1	Seal-Inner
❷11:6		1	Seal-Commutator
12	76-0810	1	Housing ASM

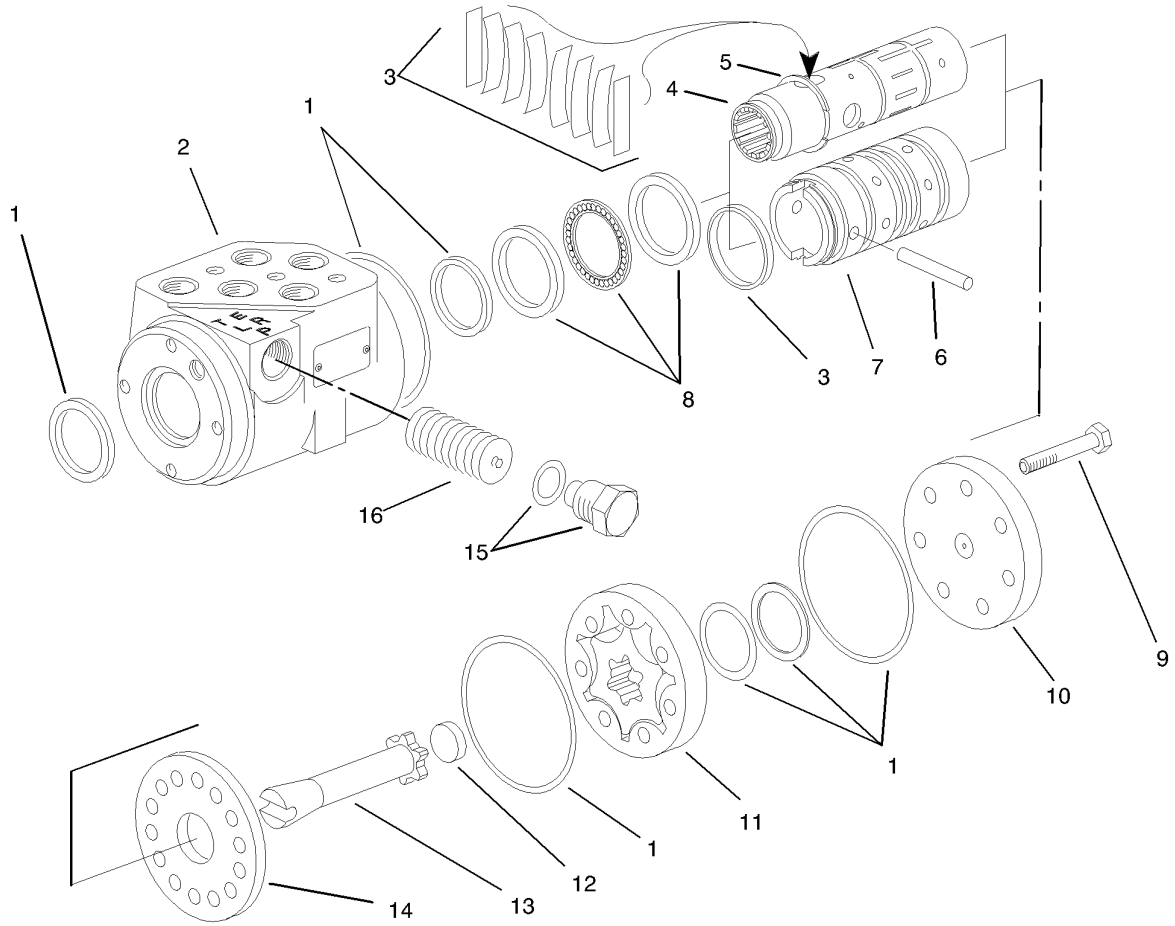
Ref	Part No.	Qty.	Description
❷12:1		1	Bearing
❷12:2		1	Housing
❷12:3		2	Washer-Thrust
❷12:4		1	Bearing-Thrust
❷12:5		1	Bearing



Steering Arm Assembly

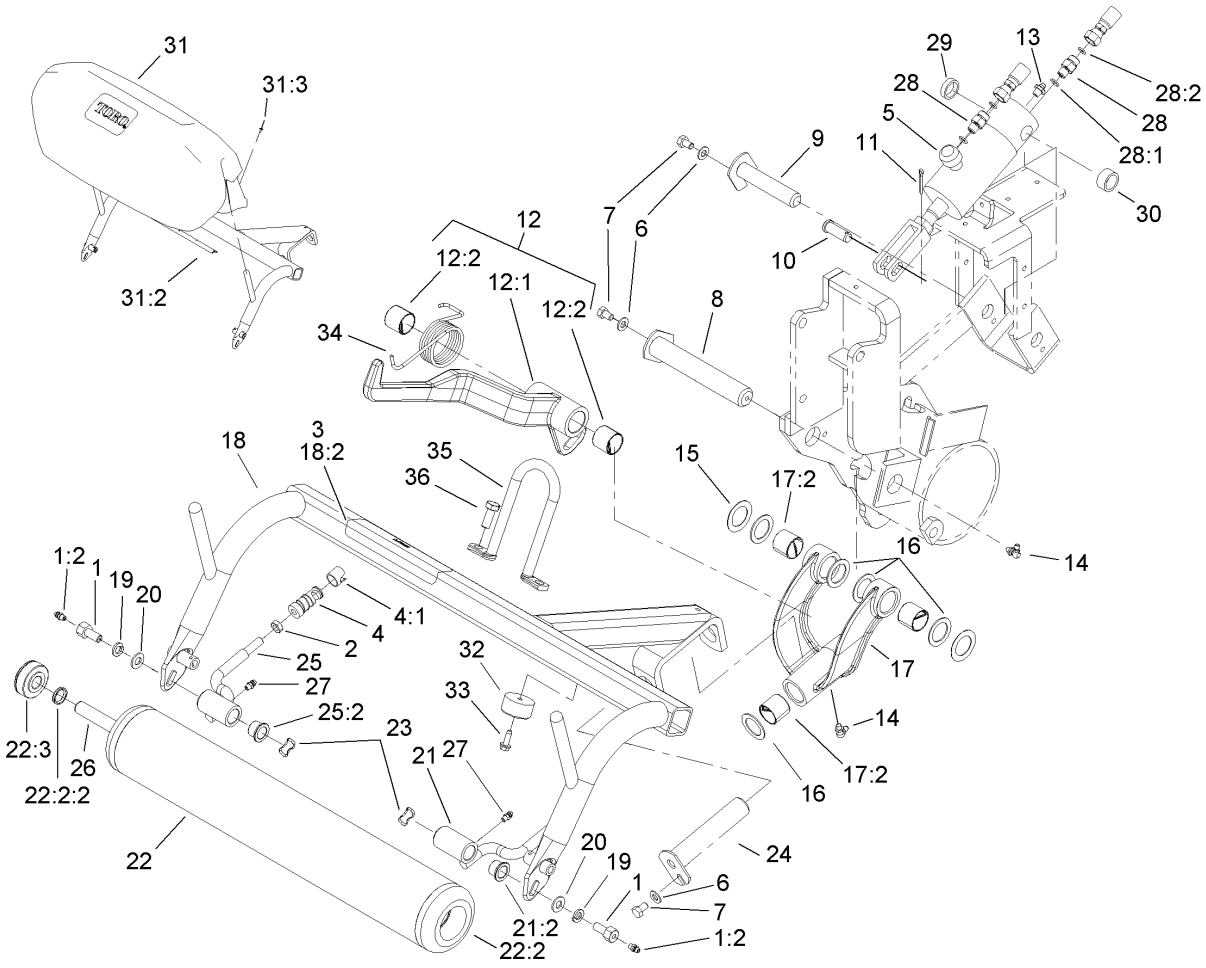
Ref	Part No.	Qty.	Description
1	3290-467	1	Pin-Hair
2	325-6	2	Screw-HH
3	105-0418-01	1	Steering Arm ASM
4	105-4316-03	1	Steering Mount ASM
5	93-8063	1	Decal-Caution, Ce
5	104-2053	1	Decal-Warning
6	105-4326	1	Screw-Hh, LH
7	107-2562	1	Nut-Hex
8	75-0560	1	Wheel-Steering
8:1	32144-21	1	Screw
8:2	68-5140	1	Cap-Wheel, Steering
10	3241-1	1	Screw-Set, SQH
11	3256-26	2	Washer-Flat
12	3274-39	6	Screw-HSBH
13	105-0457	1	Plate-Friction
14	47-2890	2	Bushing
15	3296-23	2	Nut-Lock, NI
16	105-4313	1	Lever ASM
17	92-6798	1	Cap-Rod, Tilt
18	323-29	2	Screw-HH
19	3256-24	2	Washer-Flat
20	3290-477	2	Washer-Curved
21	3296-39	2	Nut-Lock, NI
22	105-0425	1	Steering Column ASM

Ref	Part No.	Qty.	Description
23	83-0810	1	Cover-Steering
24	3290-277	6	Nut-Speed
25	105-0424	1	Valve-Control, Steering
26	340-1	3	Adapter
26:1	237-21	1	O-Ring
26:2	237-42	1	O-Ring
27	33103-016	4	Screw-HHF
28	340-2	2	Fitting-Hyd, Straight
28:1	237-22	1	O-Ring
28:2	237-42	1	O-Ring
33	105-0484	1	Knob-Steering



Steering Control Valve Assembly No. 105-0424

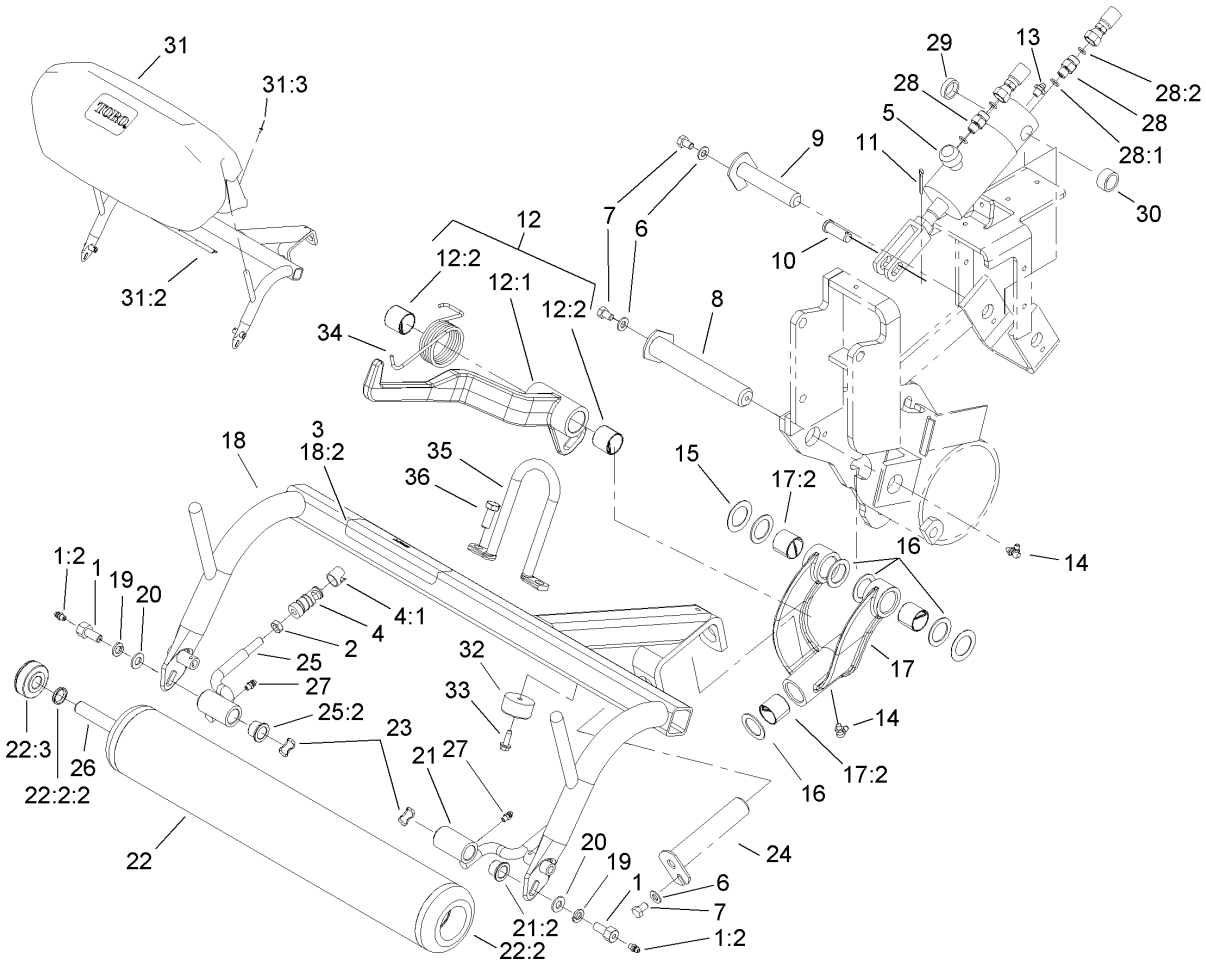
Ref	Part No.	Qty.	Description
1	94-4099	1	Seal Kit
❷2		1	Housing
3	94-4095	1	Centering Spring Kit
❷4		1	Spool
5	94-4098	1	Ring-Retaining
6	94-4094	1	Pin
❷7		1	Sleeve
8	94-4096	1	Bearing Kit
9	105-2938	7	Screw-Cap
10	94-4089	1	Cap-End
11	105-2939	1	Gerotor ASM
12	105-2940	1	Spacer
13	94-4093	1	Drive
14	94-4092	1	Plate-Wear
15	99-5511	1	Plug ASM
16	99-5500	1	Valve-Relief



Right Hand Pull Frame Assembly

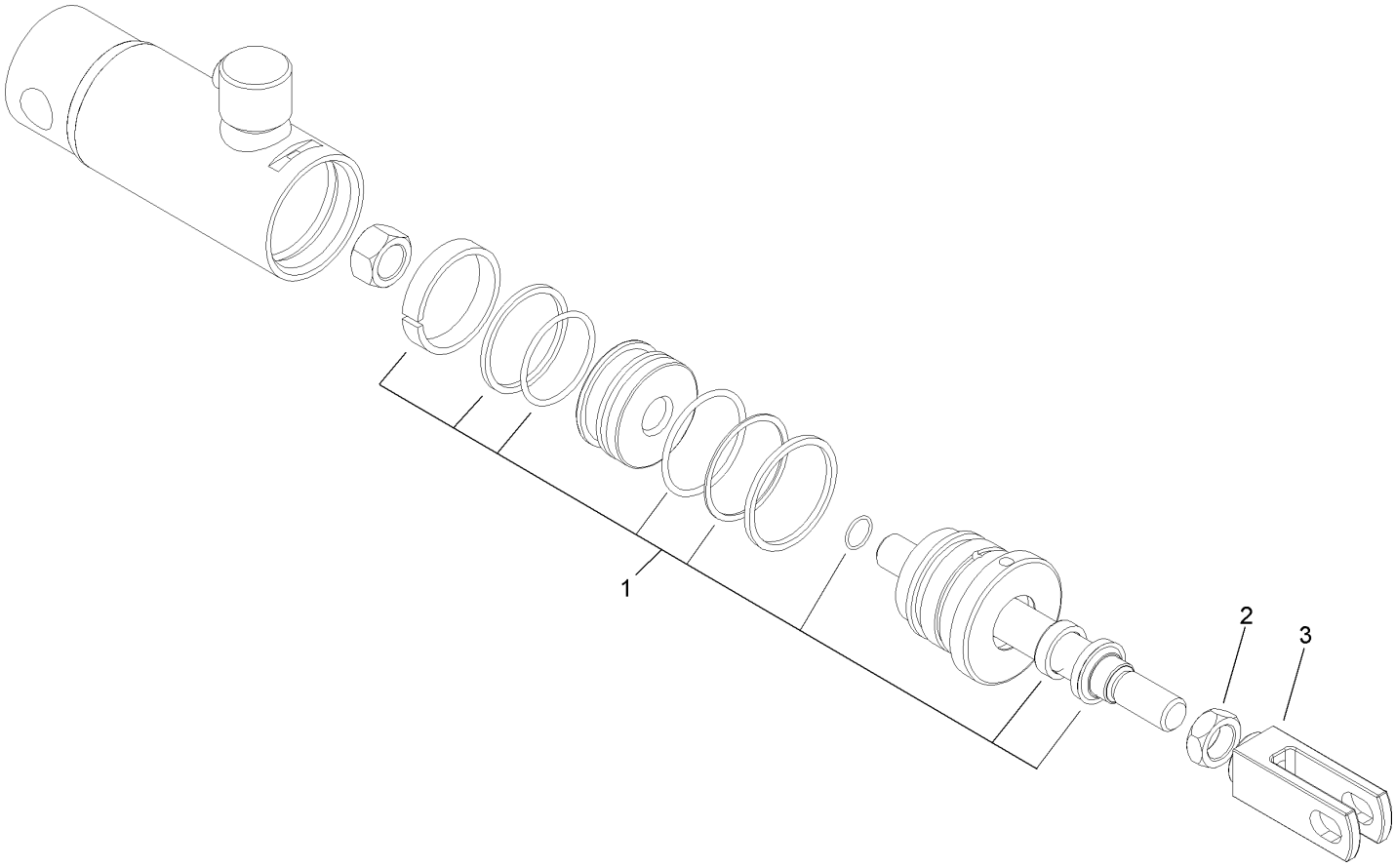
Ref	Part No.	Qty.	Description
1	11-0160	2	Roller Shaft Screw ASM
1:2	302-5	1	Fitting-Grease
2	3220-3	2	Nut-Jam
3	93-8064	1	Decal-Danger, Ce
4	99-1460	2	Ball Joint Receiver ASM
4:1	99-1461	1	Sleeve-Joint, Ball
5	106-9066	1	HYD Cylinder ASM
6	3256-23	3	Washer-Flat
7	322-1	3	Screw-HH
8	10-6110	1	Pin-Hinge
9	10-6060	1	Pin-Pivot, Ram
10	283-8	1	Pin-Clevis
11	3272-11	1	Pin-Cotter
12	107-2599	1	RH Lift Arm ASM
12:1	105-9799-01	1	Arm-Lift, RH
12:2	3-0348	2	Bushing
13	302-2	1	Fitting-Grease
14	302-60	2	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	104-2055	1	Right Pull Frame ASM
18:2	62-5070	1	Decal-Warning

Ref	Part No.	Qty.	Description
19	3253-21	2	Washer-Lock
20	3256-24	2	Washer-Flat
21	92-0586	1	Pull Arm ASM
21:2	3-1506	2	Bushing
22	99-4277	1	Roller ASM
❷22:2		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-Hyd, 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	106-4687	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	32144-44	2	Screw-HWH



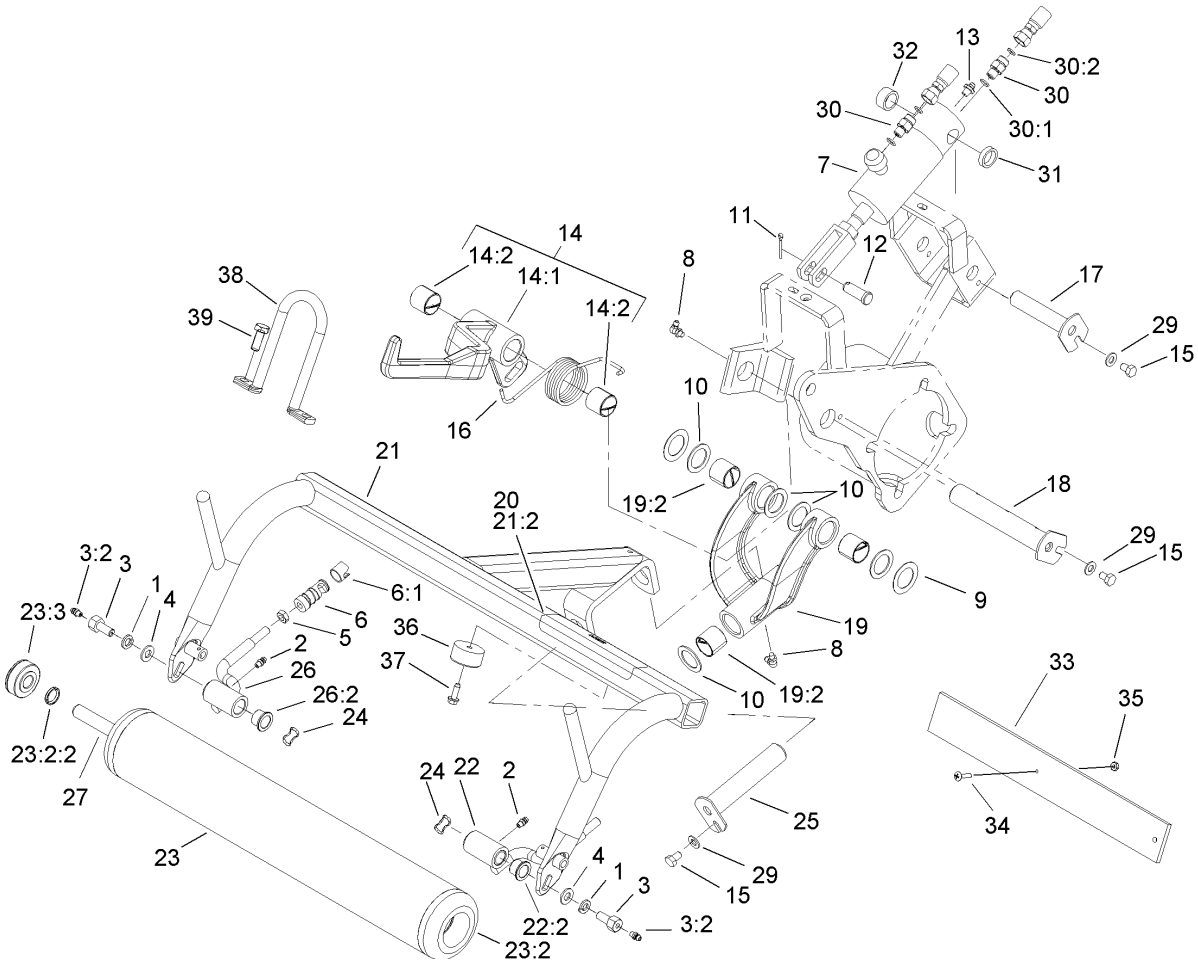
Right Hand Pull Frame Assembly (continued)

Ref	Part No.	Qty.	Description
34	106-9078	1	Spring-Torsion, RH
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH



Hydraulic Cylinder Assembly No. 106-9066

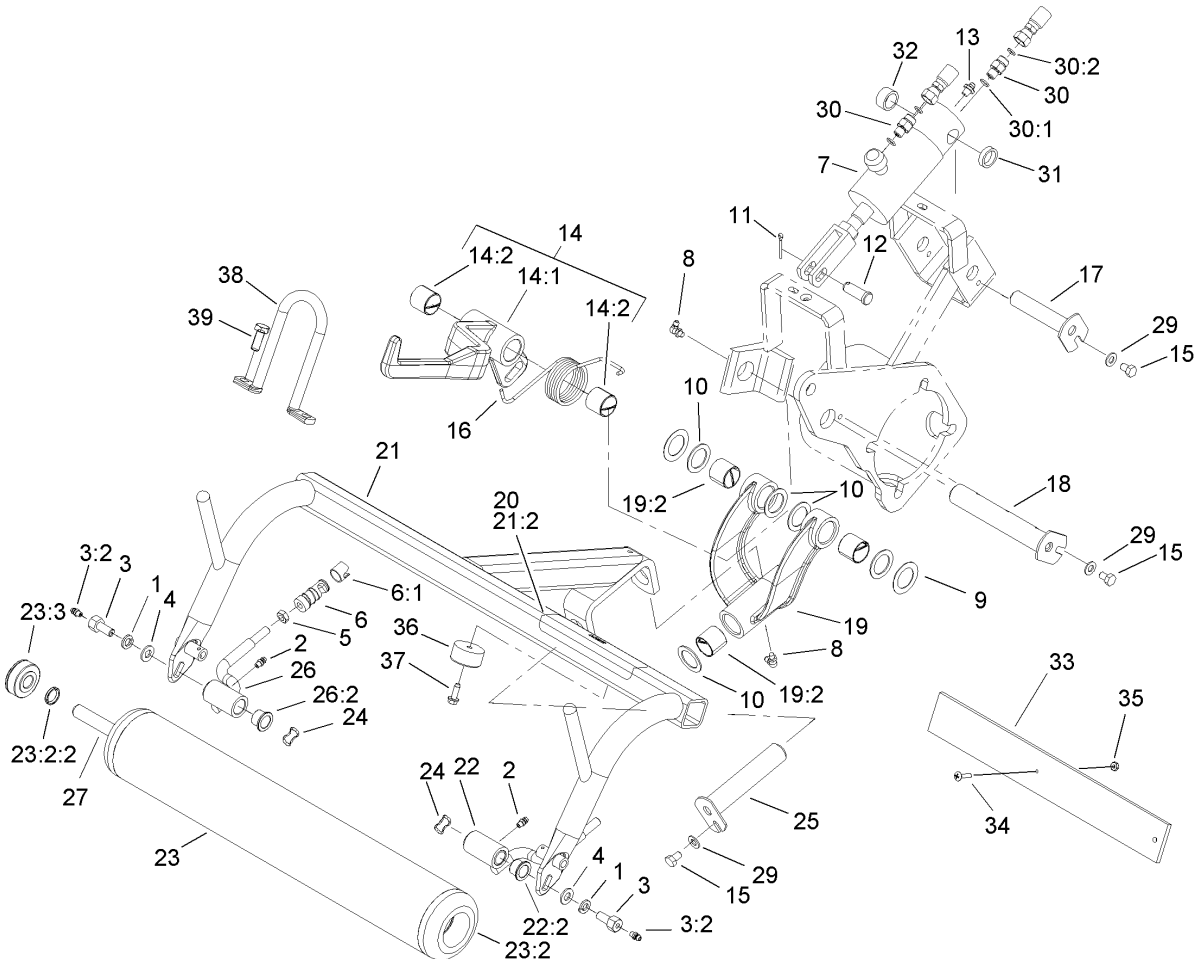
Ref	Part No.	Qty.	Description
1	107-2564	1	Seal Kit
2	3220-6	1	Nut-Jam
3	106-9065	1	Clevis-Cylinder



Left Hand Pull Frame Assembly

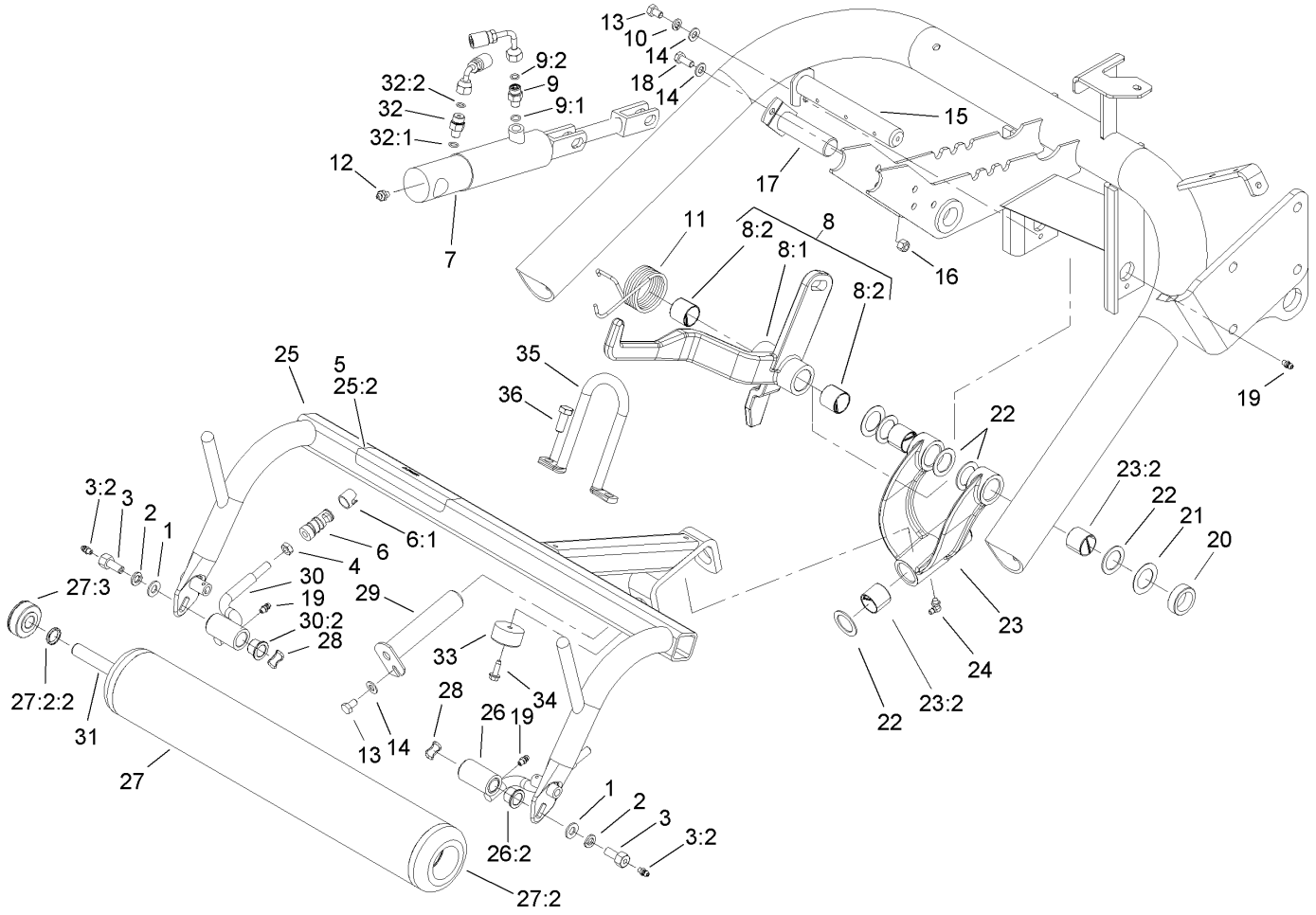
Ref	Part No.	Qty.	Description
1	3253-21	2	Washer-Lock
2	302-5	2	Fitting-Grease
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3256-24	2	Washer-Flat
5	3220-3	2	Nut-Jam
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9066	1	HYD Cylinder ASM
8	302-60	2	Fitting-Grease
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
14:1	105-9798-01	1	Arm-Lift, LH
14:2	3-0348	2	Bushing
15	322-1	3	Screw-HH
16	106-9079	1	Spring-Torsion, LH
17	10-6060	1	Pin-Pivot, Ram
18	10-6110	1	Pin-Hinge
19	10-7820	1	Pivot Hinge ASM
19:2	3-0348	4	Bushing

Ref	Part No.	Qty.	Description
20	93-8064	1	Decal-Danger, Ce
21	104-2054	1	Left Pull Frame ASM
21:2	62-5070	1	Decal-Warning
22	92-0586	1	Pull Arm ASM
22:2	3-1506	2	Bushing
23	99-4277	1	Roller ASM
❷23:2		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-Flat
30	340-92	2	Fitting-Hyd, 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-HH
35	3219-14	1	Nut-Hex
36	94-4548	2	Bumper-Recessed



Left Hand Pull Frame Assembly (continued)

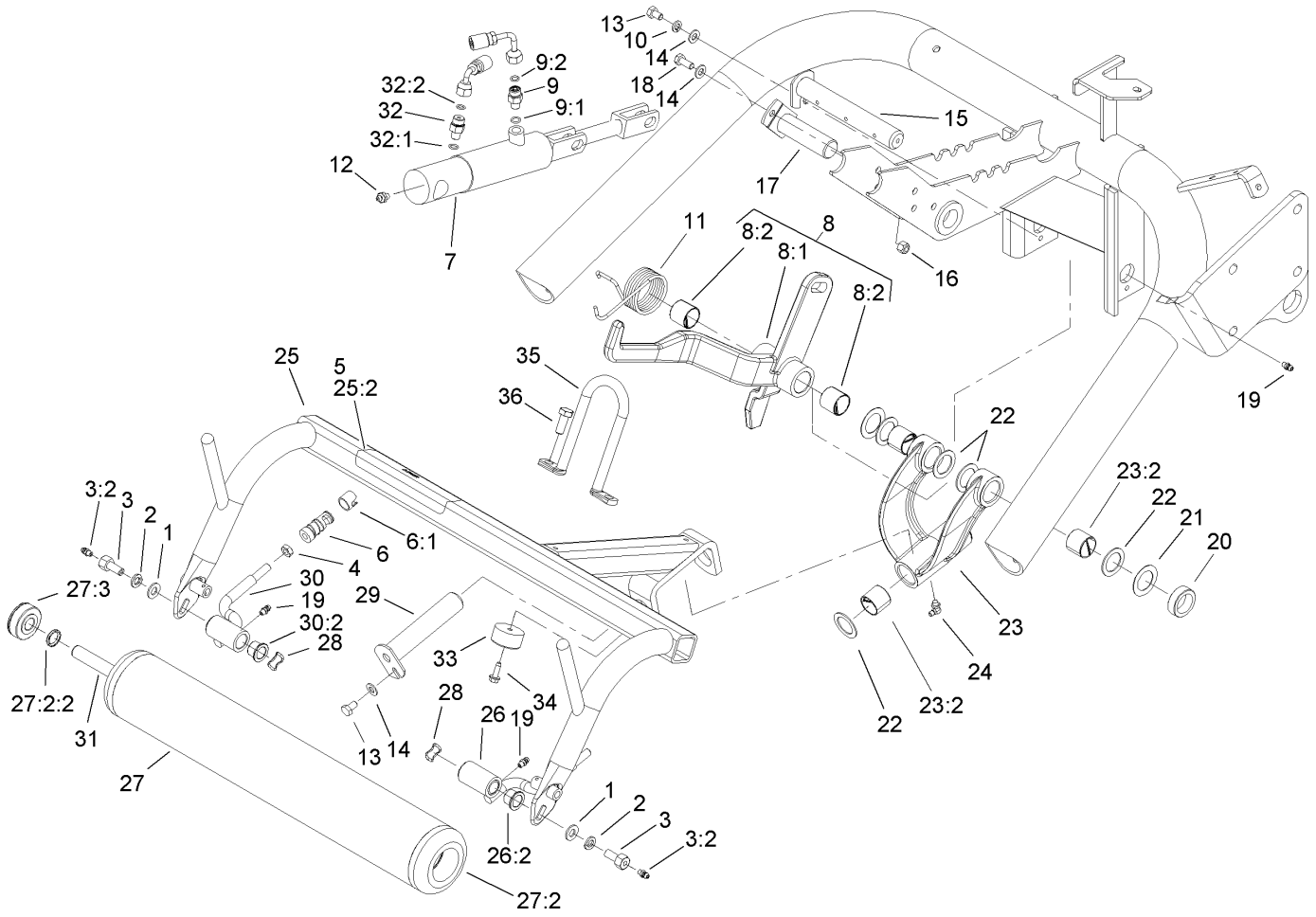
Ref	Part No.	Qty.	Description
37	32144-44	2	Screw-HWH
38	105-5740	1	Hook-Lift
39	33115-025	2	Screw-HH



Center Pull Frame Assembly

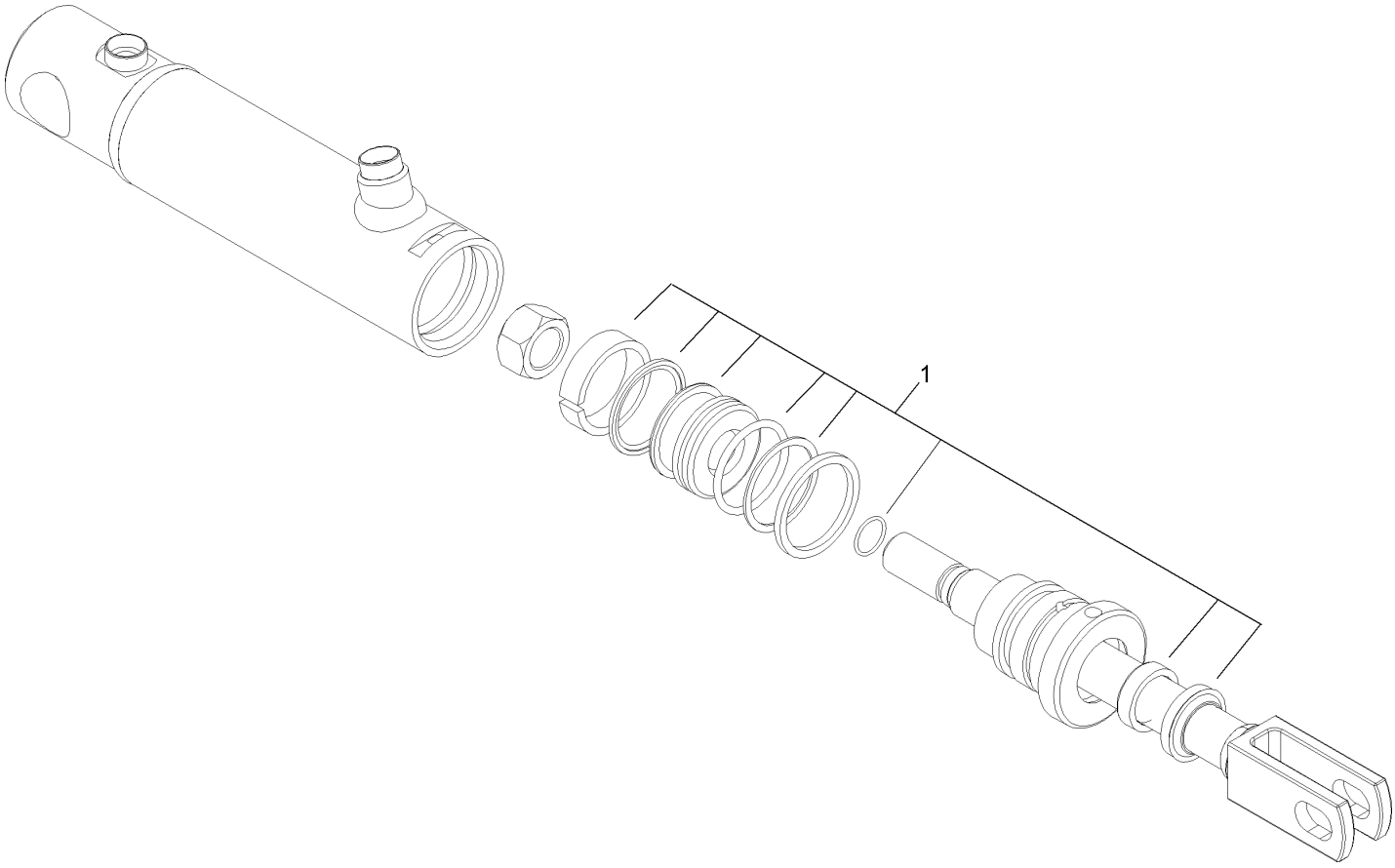
Ref	Part No.	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3220-3	2	Nut-Jam
5	93-8064	1	Decal-Danger, Ce
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9064	1	HYD Cylinder ASM
8	107-9500	1	Center Lift Arm ASM
8:1	106-6351-01	1	Arm-Lift, Center
8:2	3-0348	2	Bushing
9	340-92	1	Fitting-Hyd, Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	3253-4	1	Washer-Lock
11	106-9080	1	Spring-Torsion, Center
12	302-2	1	Fitting-Grease
13	322-1	2	Screw-HH
14	3256-23	3	Washer-Flat
15	27-2550	1	Pin-Hinge
16	3296-29	1	Nut-Lock, NI
17	68-5560	1	Pin-Cylinder, Pivot
18	322-3	1	Screw-HH

Ref	Part No.	Qty.	Description
19	302-5	3	Fitting-Grease
20	93-2384	1	Spacer-Carrier
21	5-1226	4	Washer
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	105-0451	1	Rear Pull Frame ASM
25:2	62-5070	1	Decal-Warning
26	92-0586	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	99-4277	1	Roller ASM
❷27:2		2	Hub Yoke ASM
27:2:2	253-83	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	95-1639	1	Fitting-HYD
32:1	237-78	1	O-Ring
32:2	237-21	1	O-Ring
33	94-4548	2	Bumper-Recessed



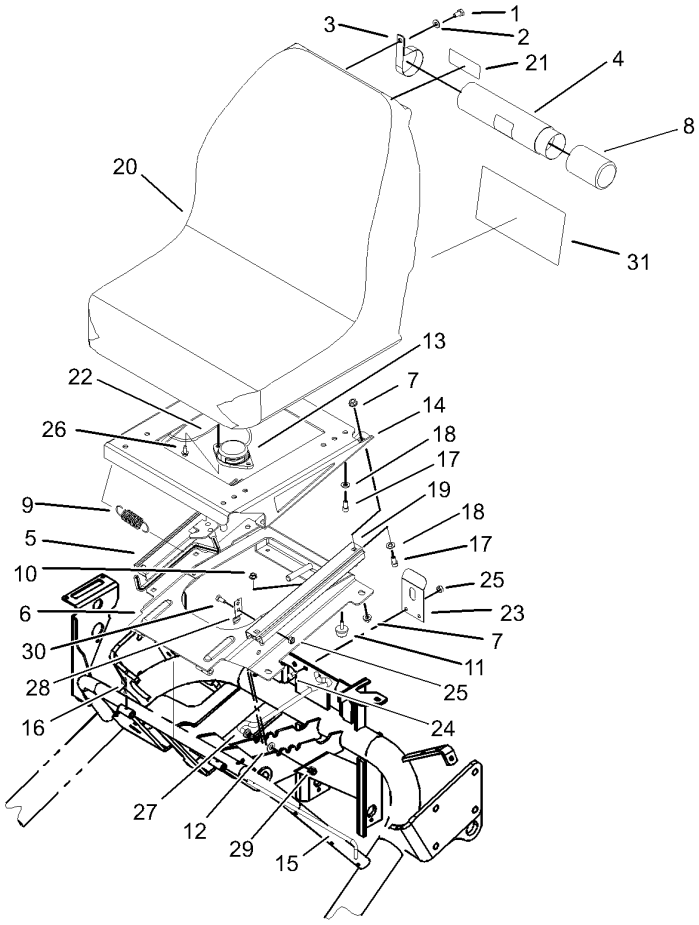
Center Pull Frame Assembly (continued)

Ref	Part No.	Qty.	Description
34	32144-44	2	Screw-HWH
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH



Hydraulic Cylinder Assembly No. 106-9064

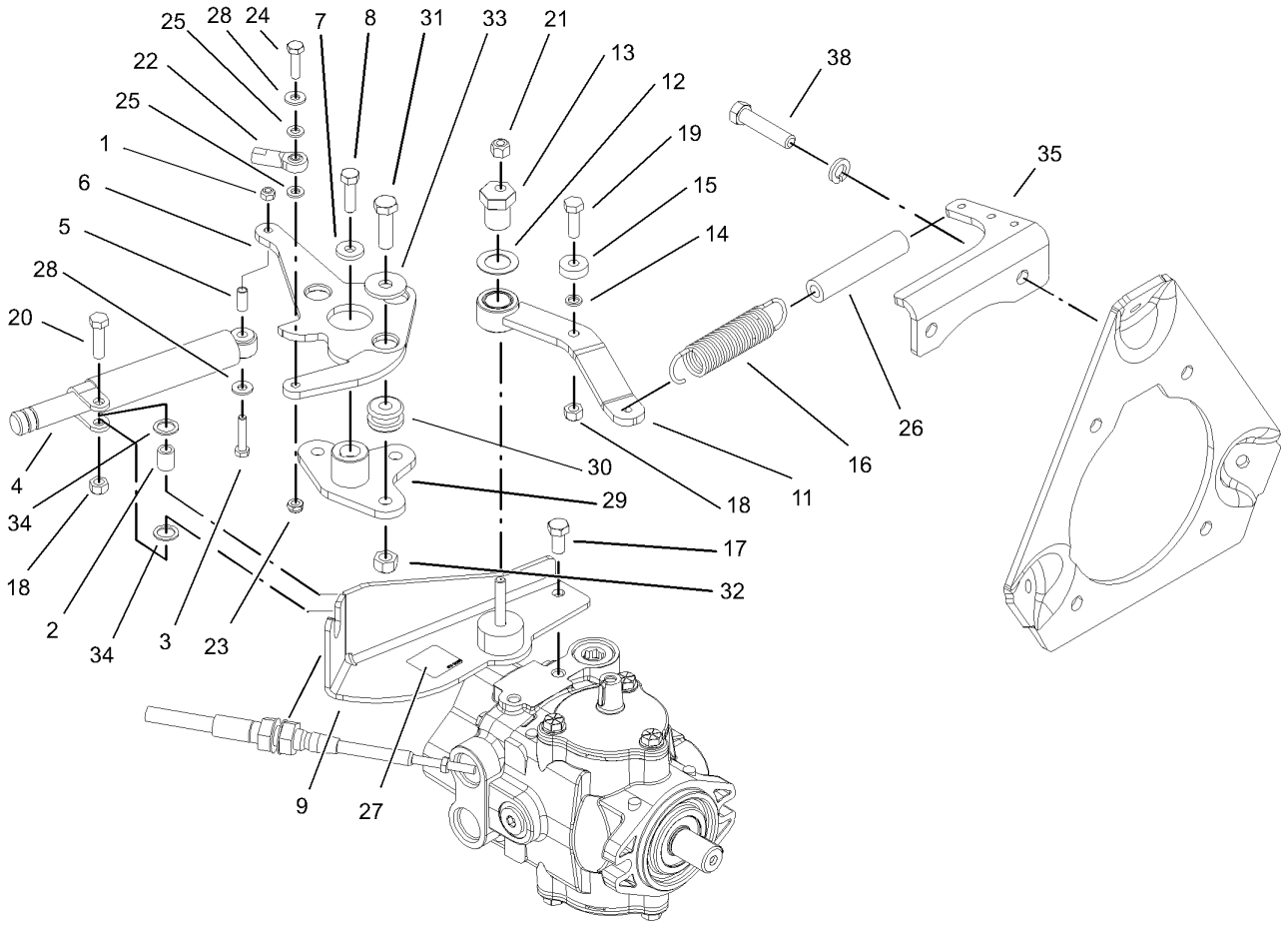
Ref	Part No.	Qty.	Description
1	107-2563	1	Seal Kit



Seat Assembly

Ref	Part No.	Qty.	Description
1	322-2	2	Screw-HH
2	3256-23	2	Washer-Flat
3	2412-133	2	R-Clamp
4	104-7050	1	Housing-Manual
5	105-8265	1	Adjuster-Seat
6	105-0464-03	1	Seat Plate ASM
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	3290-467	1	Pin-Hair
17	3274-12	8	Screw-HSH
18	3256-23	8	Washer-Flat
19	51-0780	1	Slider-Seat
20	100-3187	1	Seat ASM
21	93-6686	1	Decal-Oil, HYD
22	105-4319	1	Harness-Wire, Seat
23	66-2630	1	Latch-Seat
24	3229-1	2	Screw-CARR

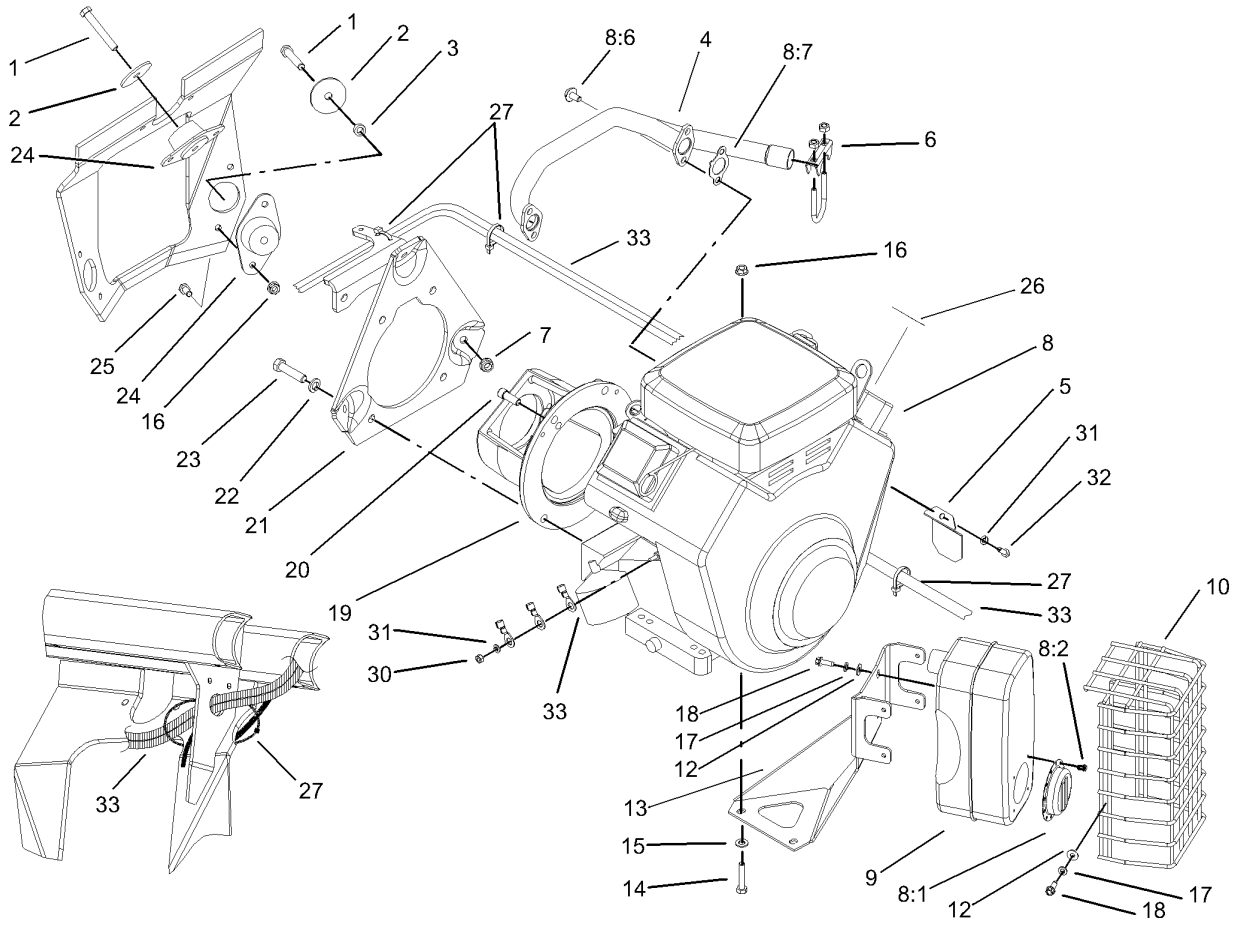
Ref	Part No.	Qty.	Description
25	3296-16	4	Nut-Lock, NI
26	32144-10	2	Screw-HWH
27	106-4643	1	Rod-Prop,seat
28	68-5310	1	Clip-Rod, Prop
29	3296-39	1	Nut-Lock, NI
30	321-3	2	Screw-HH
31	105-8291	1	Decal-Service
31	105-8292	1	Decal-Spanish
31	105-8293	1	Decal-French
31	105-8296	1	Decal-Italian
31	105-8295	1	Decal-Swedish
31	105-8294	1	Decal-German
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



Neutral System Assembly

Ref	Part No.	Qty.	Description
1	33023-00	1	Nut-Lock
2	94-8197	1	Tube-Pivot
3	33113-035	1	Screw-HH
4	76-8870	1	Lever Damper ASM
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
19	33114-025	1	Screw-HH
20	33114-030	1	Screw-HH
21	3296-29	1	Nut-Lock, NI
22	2411-41	1	Joint-Ball
23	3296-56	1	Nut-Lock, NI
24	321-7	1	Screw-HH
25	33093-00	2	Washer-Flat

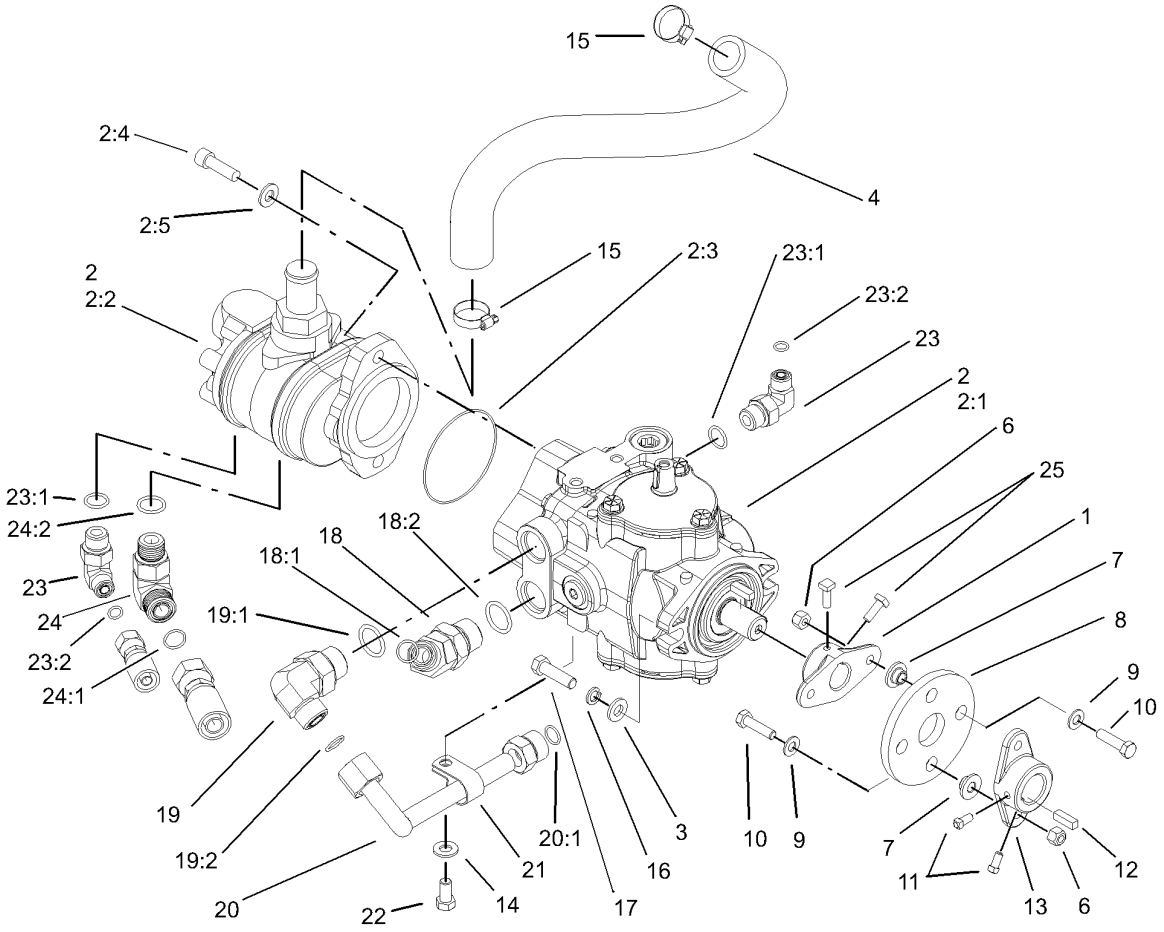
Ref	Part No.	Qty.	Description
26	99-4251	1	Hose-Dampener
27	93-9051	1	Decal-Bolt, Eccentric
28	3256-22	2	Washer-Flat
29	94-3486	1	Plate
30	63-9750	3	Mount
31	33115-035	3	Screw-HH
32	33025-00	3	Nut-Lock
33	2844	3	Washer
34	94-8196	2	Washer-Nylon
35	105-4307-03	1	Bracket-Spring
38	324-8	2	Screw-HH



Engine Installation Assembly

Ref	Part No.	Qty.	Description
1	323-12	3	Screw-HH
2	83-1040	3	Washer-Flat
3	83-1050	2	Spacer
4	83-1080	1	Exhaust Manifold ASM
5	83-2310	1	Shield-Regulator
6	2112-11	1	Clamp-Muffler
7	3290-357	3	Nut-HHF
8	106-4618	1	Engine-18hp, Vanguard
❷8:1		1	Deflector-Exhaust
❷8:2		4	Screw-HH
❷8:6		4	Screw-HHF
❷8:7		2	Gasket-Manifold, Exhaust
9	98-0616	1	Muffler ASM
10	83-1400-03	1	Shield-Muffler
12	3256-1	8	Washer-Flat
13	83-1630-03	1	Bracket-Support, Muffler
14	322-8	2	Screw-HH
15	3256-23	2	Washer-Flat
16	32128-20	8	Nut-HF
17	3253-3	8	Washer-Lock
18	49-2040	8	Screw-Tapping
19	83-1060-03	1	Adapter-Pump
20	3274-7	2	Screw-HSH
21	85-8120-03	1	Plate-Mount, Engine

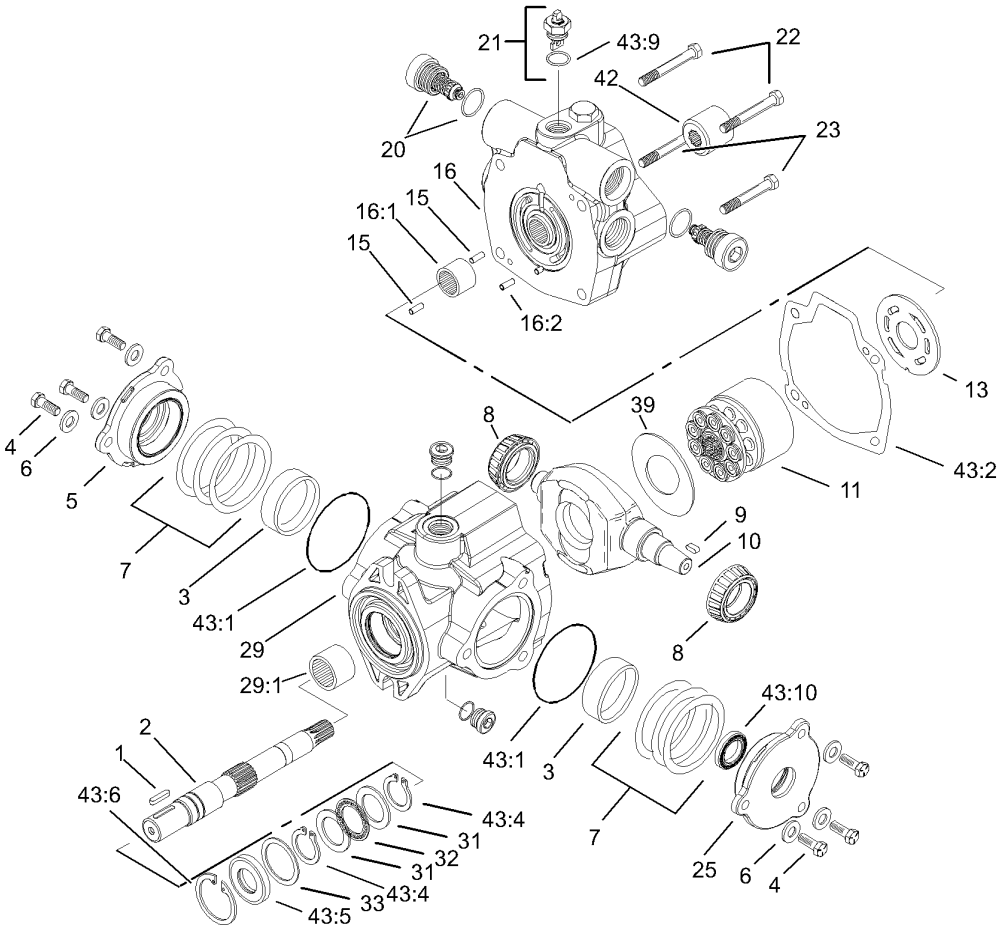
Ref	Part No.	Qty.	Description
22	3253-6	4	Washer-Lock
23	324-7	2	Screw-HH
24	107-2560	3	Mount-Engine
25	322-3	6	Screw-HH
26	93-8069	1	Decal-Surface, Hot
27	3290-379	4	Tie-Cable
30	43-2830	1	Nut-Hex
31	43-5930	2	Washer-Spring
32	33113-016	1	Screw-HH
33	105-8276	1	Harness-Wire, Engine
❶33:1	106-4642	1	Harness-Wire, Fusible Link



Hydrostat and Gear Pump Drive Assembly

Ref	Part No.	Qty.	Description
1	93-2589	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-Flat
4	105-8285	1	Hose-Inlet, Pump
6	3296-29	4	Nut-Lock, NI
7	27-6600	4	Spacer-Coupling
8	44-2230	1	Coupling-Rubber
9	3256-3	4	Washer-Flat
10	322-6	4	Screw-HH
11	3241-2	2	Screw-SQH
12	10-7070	1	Key-Square
13	27-1960	1	Hub-Engine
14	3256-24	1	Washer-Flat
15	2412-34	2	Clamp-Hose
16	3253-21	2	Washer-Lock
17	323-29	2	Screw-HH
18	340-156	1	Fitting-HYD
18:1	237-65	1	O-Ring
18:2	237-81	1	O-Ring

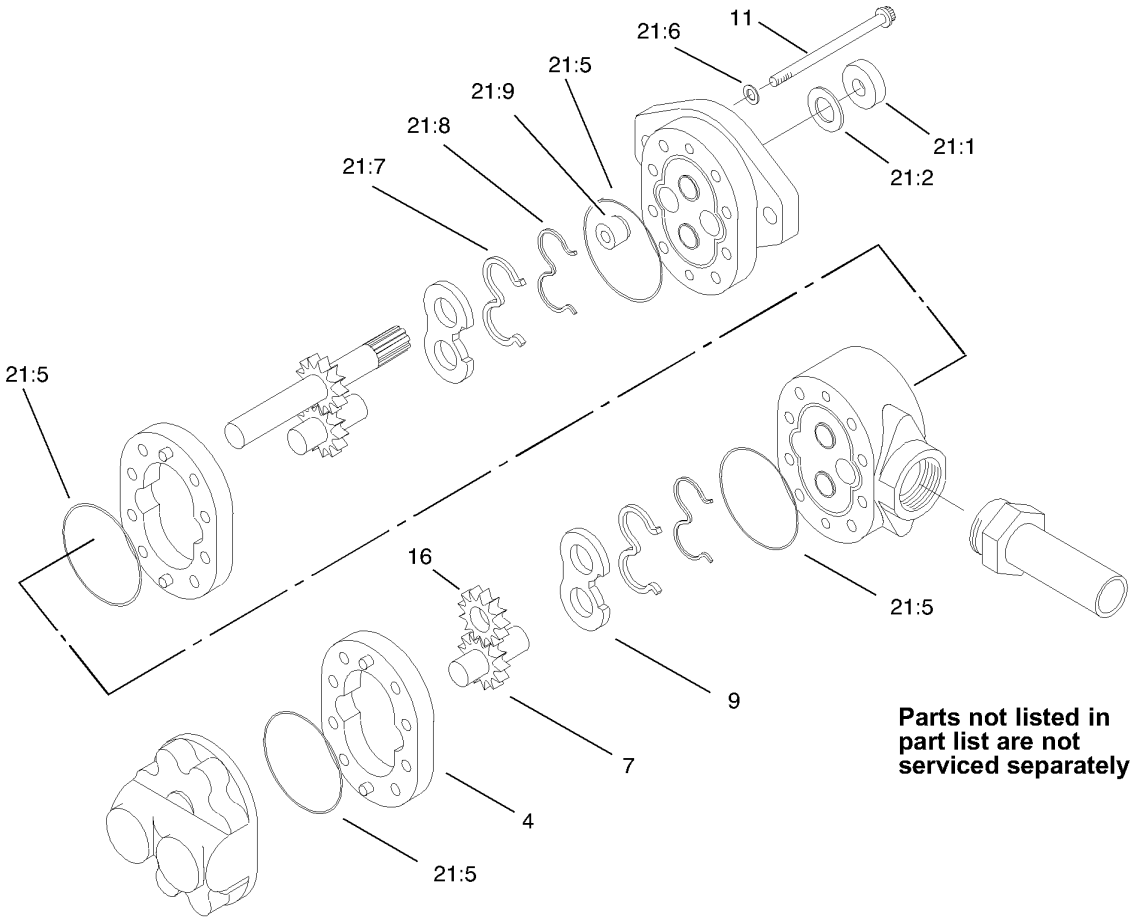
Ref	Part No.	Qty.	Description
19	340-139	1	Fitting-Hyd, 90 DEG
19:1	237-81	1	O-Ring
19:2	237-65	1	O-Ring
20	105-8307	1	Tube-Hyd, Traction
20:1	237-65	1	O-Ring
21	2412-41	1	Clamp
22	323-4	1	Screw-HH
23	340-18	2	Fitting-Hyd, 90 DEG
23:1	237-79	1	O-Ring
23:2	237-22	1	O-Ring
24	340-17	1	Fitting-Hyd, 90 DEG
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

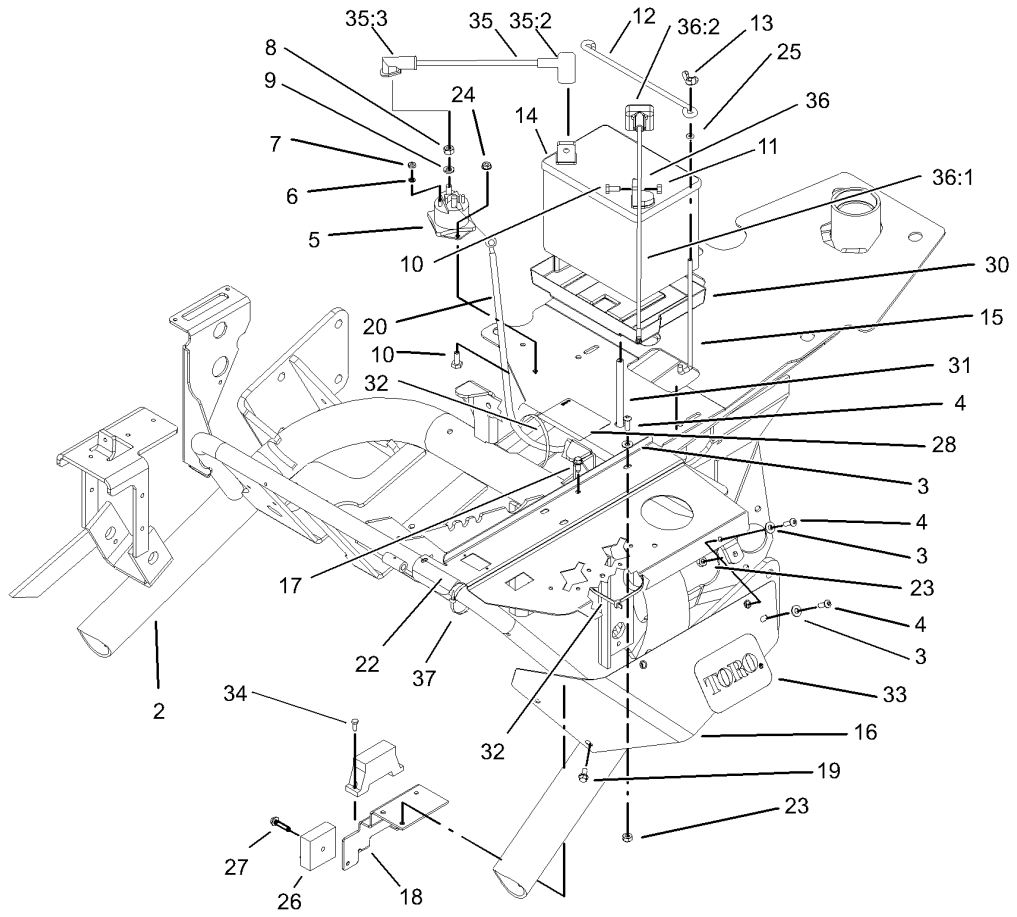
Ref	Part No.	Qty.	Description
1	94-3645	1	Key
2	94-6359	1	Shaft-Drive
3	104-4046	2	Bearing-Cup
4	98-4640	6	Screw-Cap
5	98-4644	1	Plate-Cover
6	105-9762	6	Washer
7	100-3182	2	Shim Kit
8	98-4639	2	Bearing-Cone
9	94-3646	1	Key
10	100-3175	1	Camplate
11	76-6070	1	Rotating Kit
13	100-3180	1	Valve-Plate
15	76-6150	2	Pin-Dowel
16	105-3813	1	Endcover Sub ASM
16:1	94-6368	1	Bearing
❷16:2		1	Pin-Roll
20	105-3812	2	Valve-Check
21	105-3811	1	Valve-Bypass
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

Ref	Part No.	Qty.	Description
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
❷43:9		1	O-Ring
❷43:10		1	Seal-Shaft



Gear Pump Assembly No. 104-7737

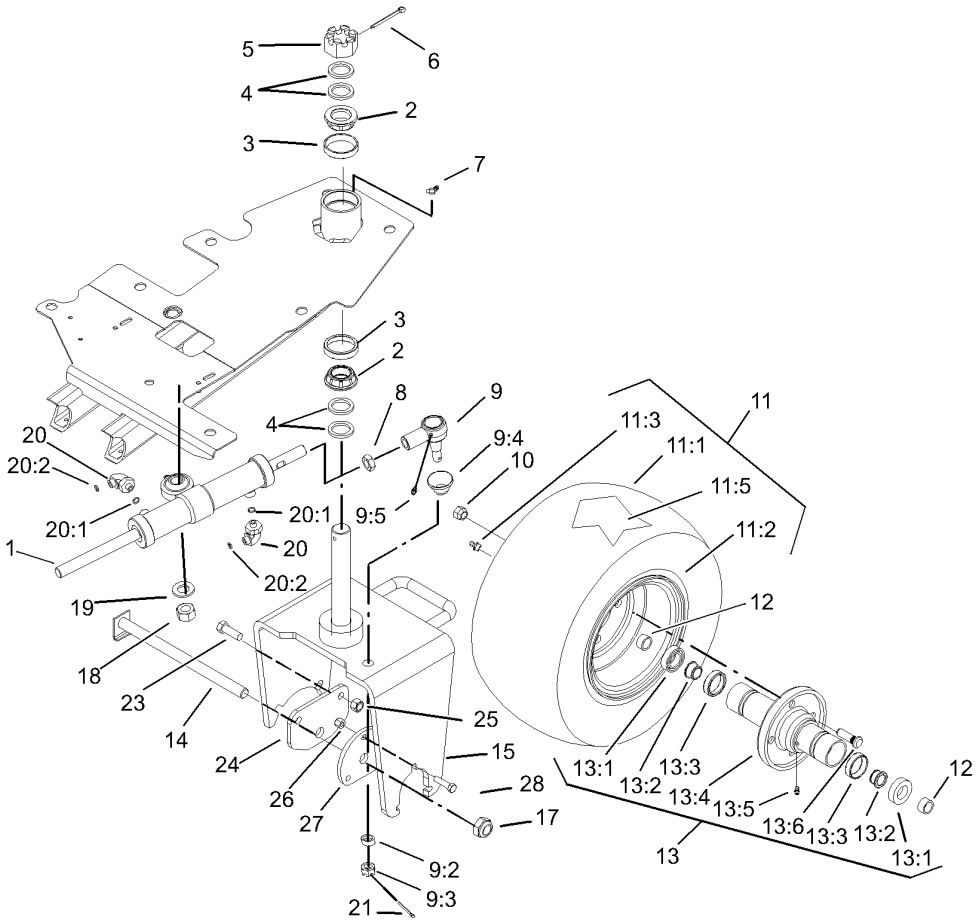
Ref	Part No.	Qty.	Description
4	95-4364	1	Body
7	95-4366	1	Gear-Idler
9	95-4368	2	Plate-Wear
11	94-8158	8	Screw-Cap
16	95-4373	1	Gear-Fit, Slip
21	94-8161	1	Seal Repair Kit
21:1	49-2640	1	Seal-Shaft
21:2	60-5890	1	Washer
❷21:5		4	O-Ring
21:6	94-8160	4	Washer
21:7	95-4369	2	Seal
21:8	95-4367	2	Gasket
21:9	94-3011	1	Plug



Frame and Battery Assembly

Ref	Part No.	Qty.	Description
2	105-0401-01	1	Frame ASM
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
9	3253-4	2	Washer-Lock
10	321-3	4	Screw-HH
11	3217-5	2	Nut-Hex
12	100-6434	1	Rod-Battery, Hold Down
13	32103-22	2	Nut-Wing
14	104-8162	1	Battery (Dry)
15	100-6435	2	Post-Battery
16	105-5411	1	Valve Cover Shield ASM
17	32144-10	1	Screw-HWH
18	105-4310-01	1	Bracket-Fuse
19	32104-116	2	Screw
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
25	237-143	2	O-Ring
26	92-2538	1	Module-Timer

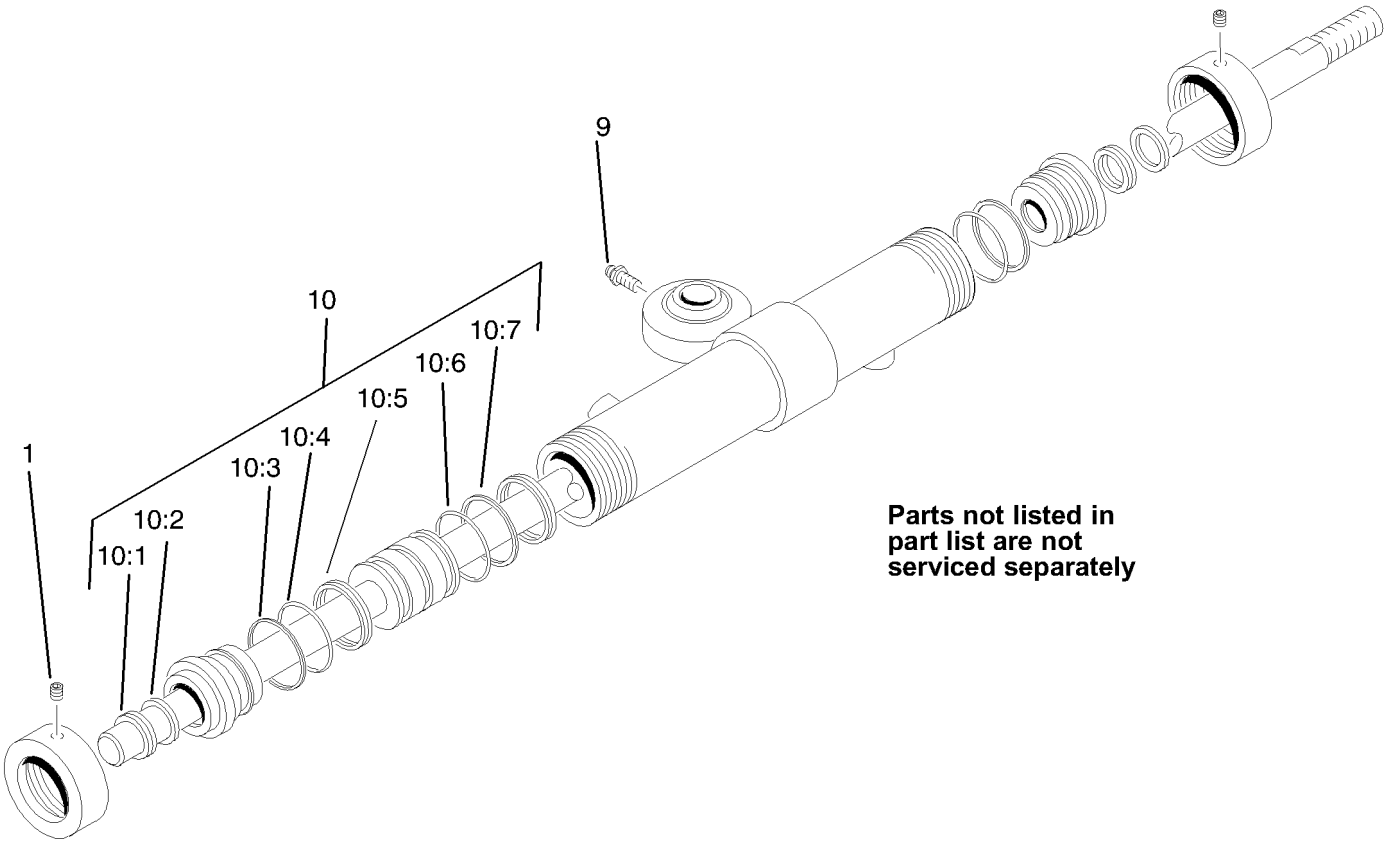
Ref	Part No.	Qty.	Description
27	32144-86	1	Screw-Hwh, Thread Forming
28	93-7276	1	Decal-Danger
30	106948	1	Tray-Battery
31	104-2061	1	Tube-Drain, Battery
32	3290-379	2	Tie-Cable
33	94-2579	1	Decal
34	32144-1	2	Screw-Taptite
35	83-2420	1	Positive Cable ASM
35:2	28-8080	1	Boot-Terminal
35:3	83-2430	1	Boot-Terminal
36	98-2165	1	Negative Cable ASM
36:1	83-1150	1	Engine Ground Wire ASM
36:2	98-0603	1	Boot-Terminal
37	3290-378	1	Tie-Cable



Rear Wheel Assembly

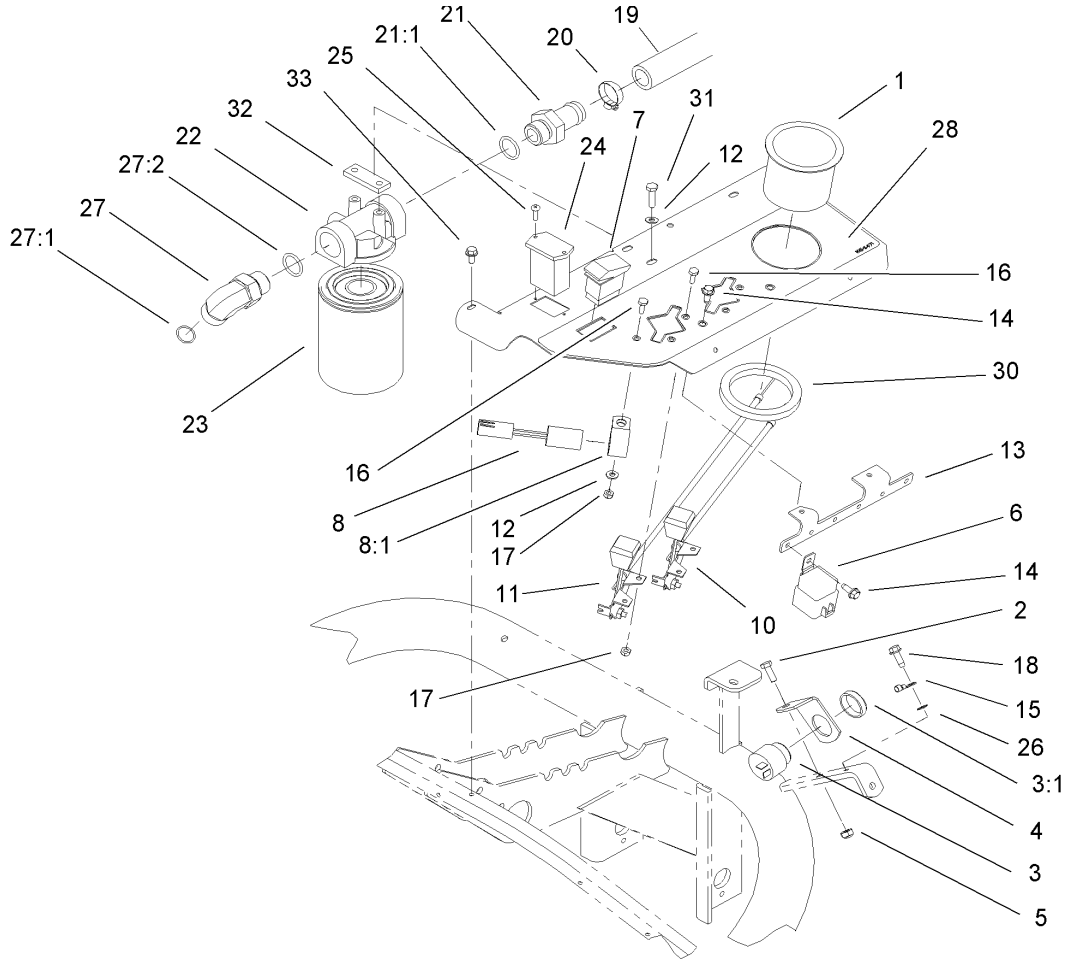
Ref	Part No.	Qty.	Description
1	105-0411	1	Cylinder-Steering
2	254-70	2	Bearing-Cone
3	254-61	2	Bearing-Cup
4	18-6320	4	Washer-Steering
5	32136-9	1	Nut-SHH
6	3272-37	1	Pin-Cotter
7	302-11	1	Fitting-Lube, 45 DEG
8	84-5300	1	Nut-Jam
9	107-2553	1	Rod End ASM
9:2	98-2389	1	Spacer-Link, Pull
9:3	32136-2	1	Nut-SHH
9:4	106-6896	1	Seal
9:5	302-5	1	Fitting-Grease
10	242-50	4	Nut-Lug
❷11		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, Sulky
13:1	253-111	2	Seal-Oil
13:2	254-78	2	Bearing-Cone
13:3	254-79	2	Bearing-Roller, Cup

Ref	Part No.	Qty.	Description
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	93-2529-01	1	Fork-Castor
17	3296-67	1	Nut-Lock NI
18	3217-12	1	Nut-Hex
19	3256-28	1	Washer-Flat
20	340-132	2	Fitting-Hyd, 90 DEG
20:1	237-78	1	O-Ring
20:2	237-21	1	O-Ring
21	3272-12	1	Pin-Cotter
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	323-8	3	Screw-HH



Steering Cylinder Assembly No. 105-0411

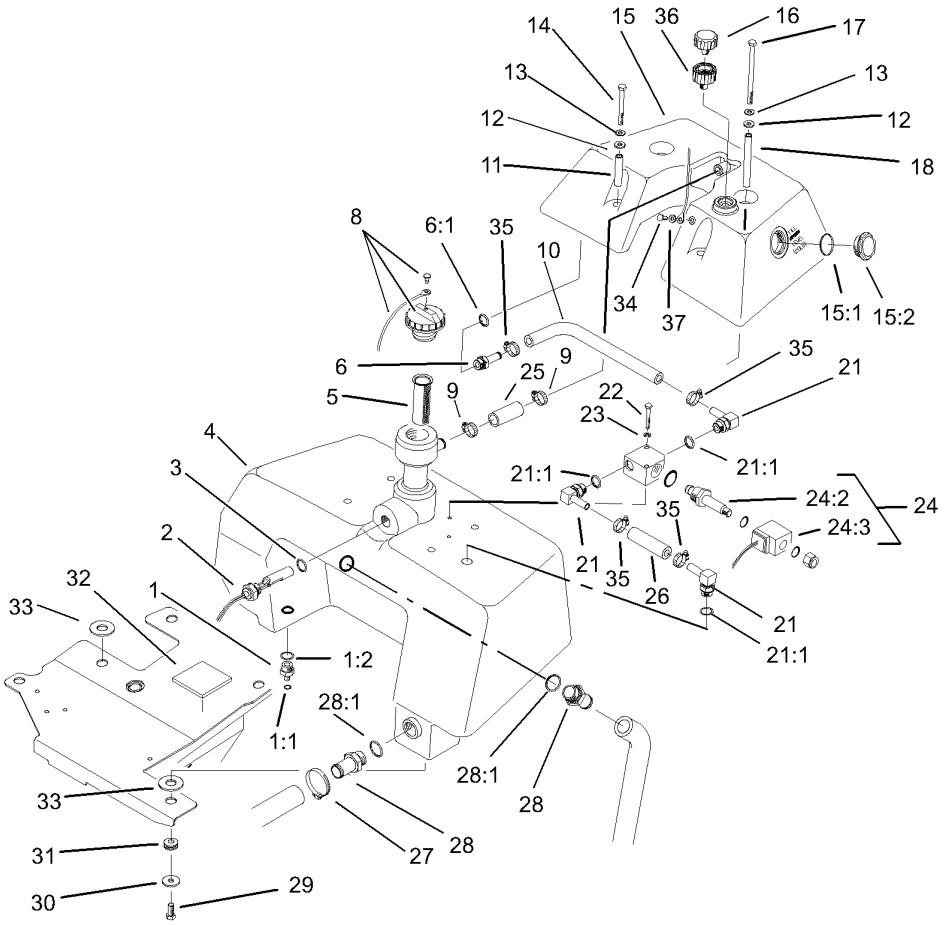
Ref	Part No.	Qty.	Description
1	3245-1	2	Screw-Set, HSH
9	302-5	1	Fitting-Grease
10	83-2380	1	Seal Repair Kit
❷10:1		2	Wiper-Rod
❷10:2		2	U-Cup-Double Lip
❷10:3		2	Ring-Back-Up
❷10:4		2	O-Ring
❷10:5		2	Ring-Wear
❷10:6		1	O-Ring
❷10:7		1	O-Ring



Control Panel Assembly

Ref	Part No.	Qty.	Description
1	94-1410	1	Holder-Can, Beverage
2	321-4	1	Screw-HH
3	80-9330	1	Alarm-Audio
3:1	104-5107	1	Nut-Plastic, Knurled
4	83-1530	1	Bracket-Support, Buzzer
5	3296-16	1	Nut-Lock, NI
6	99-7430	6	Relay
7	105-4320	1	Switch
8	83-2280	1	Timer-Delay
8:1	98-4604	1	R-Clamp
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
18	32104-95	1	Screw-HWH
19	105-5410	1	Hose ASM
20	2412-34	1	Clamp-Hose
21	99-3017	1	Fitting
21:1	237-81	1	O-Ring
22	92-5821	1	Filter Head ASM

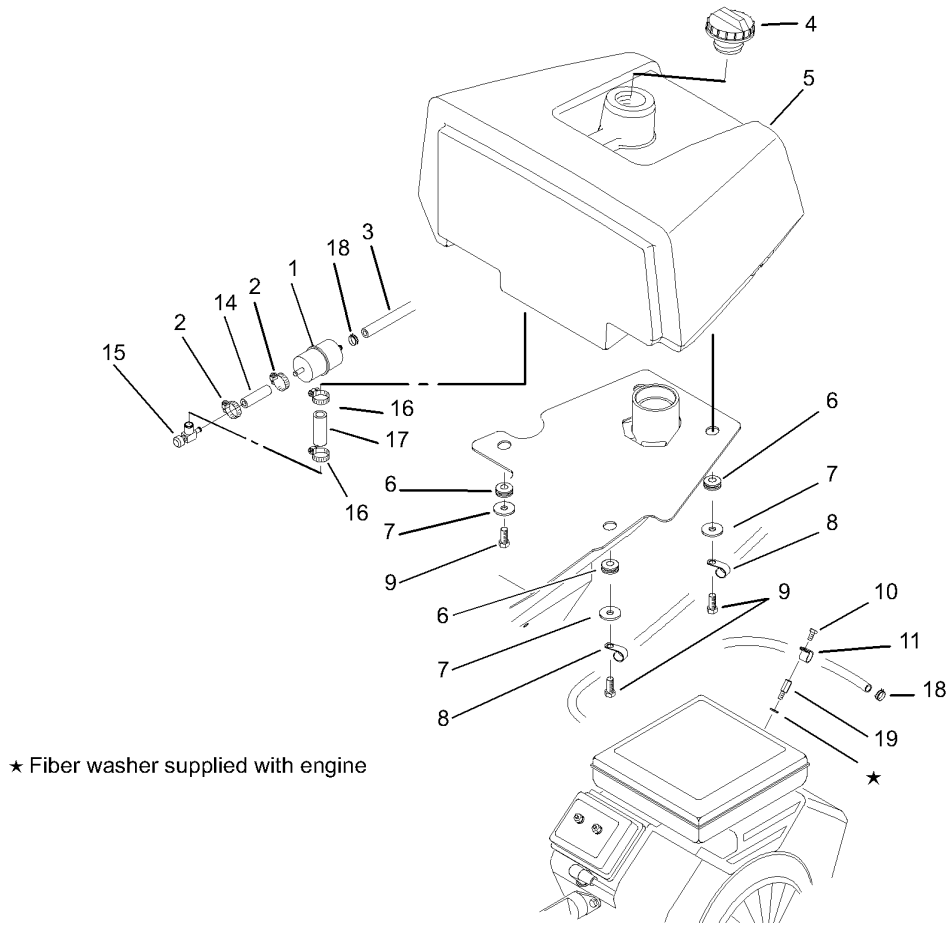
Ref	Part No.	Qty.	Description
23	105-0438	1	Element-Filter
24	75-6820	1	Hourmeter
25	32144-18	2	Screw-HH
26	3255-7	1	Washer-Lock/ext
27	340-142	1	Fitting-Hyd, 90 DEG
27:1	237-58	1	O-Ring
27:2	237-81	1	O-Ring
28	105-5471	1	Decal-Panel, Left Control
30	104-1476	1	Ring-Rubber
31	321-5	2	Screw-HH
32	105-4309	1	Plate-Filter
33	32104-116	1	Screw



Hydraulic Reservoir and Leak Detector Assembly

Ref	Part No.	Qty.	Description
1	340-3	1	Adapter
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	105-9783	1	Tank-HYD
5	83-1520	1	Screen-Filler
6	354-121	1	Fitting-Hyd, Straight
6:1	237-79	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
18	83-1560	2	Spacer-Tube, Long
21	354-120	3	Fitting-Hyd, 90 DEG
21:1	237-79	1	O-Ring

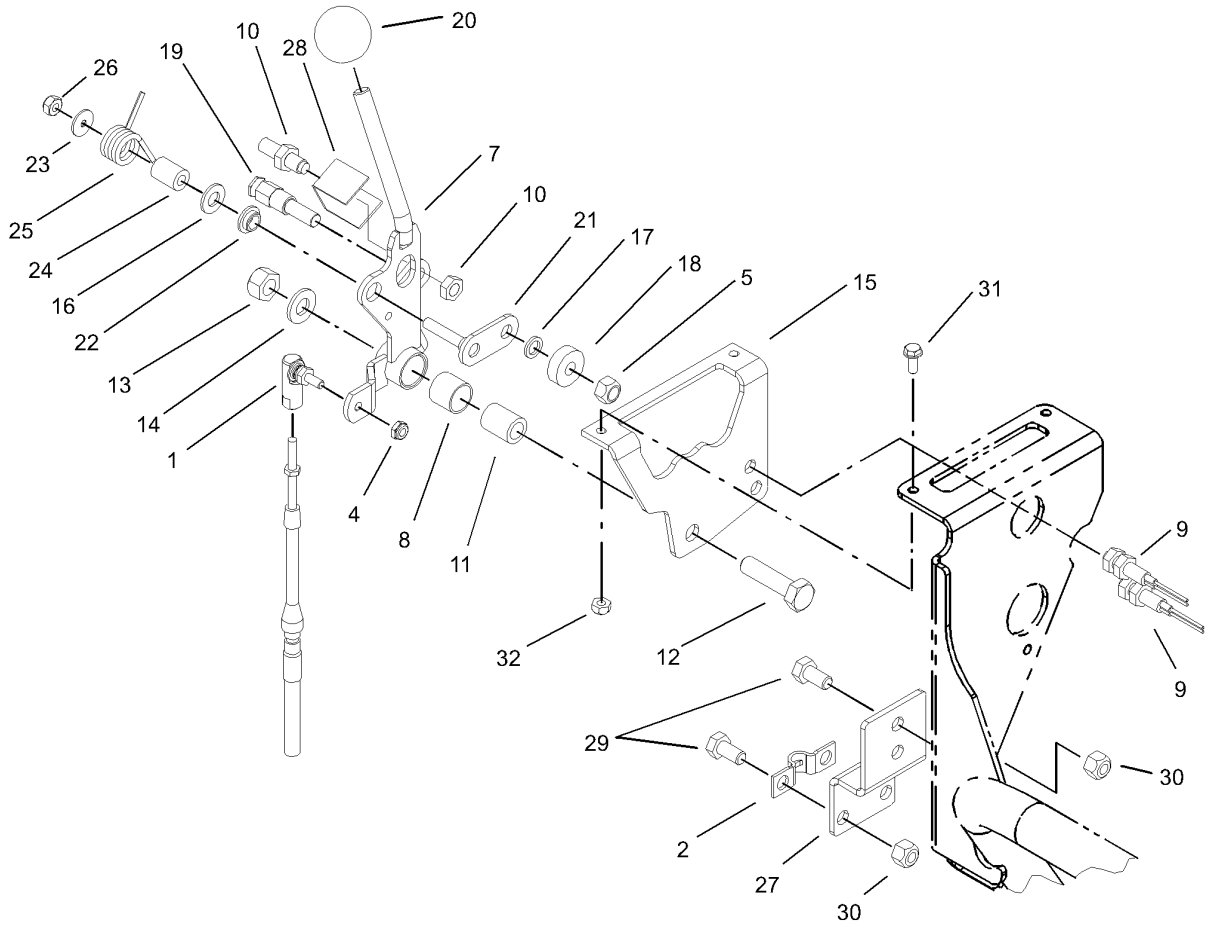
Ref	Part No.	Qty.	Description
22	321-11	2	Screw-HH
23	3253-3	2	Washer-Lock
24	83-1460	1	Solenoid Valve ASM
24:2	83-2000	1	Spool-Valve
24:3	83-2010	1	Coil-Valve
25	83-2090	1	Hose-Overflow
26	83-2080	1	Hose-Valve, Tank
27	2412-34	1	Clamp-Hose
28	83-0870	2	Fitting-Hose, Barbed
28:1	237-177	1	O-Ring
29	323-6	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



★ Fiber washer supplied with engine

Fuel Tank Assembly

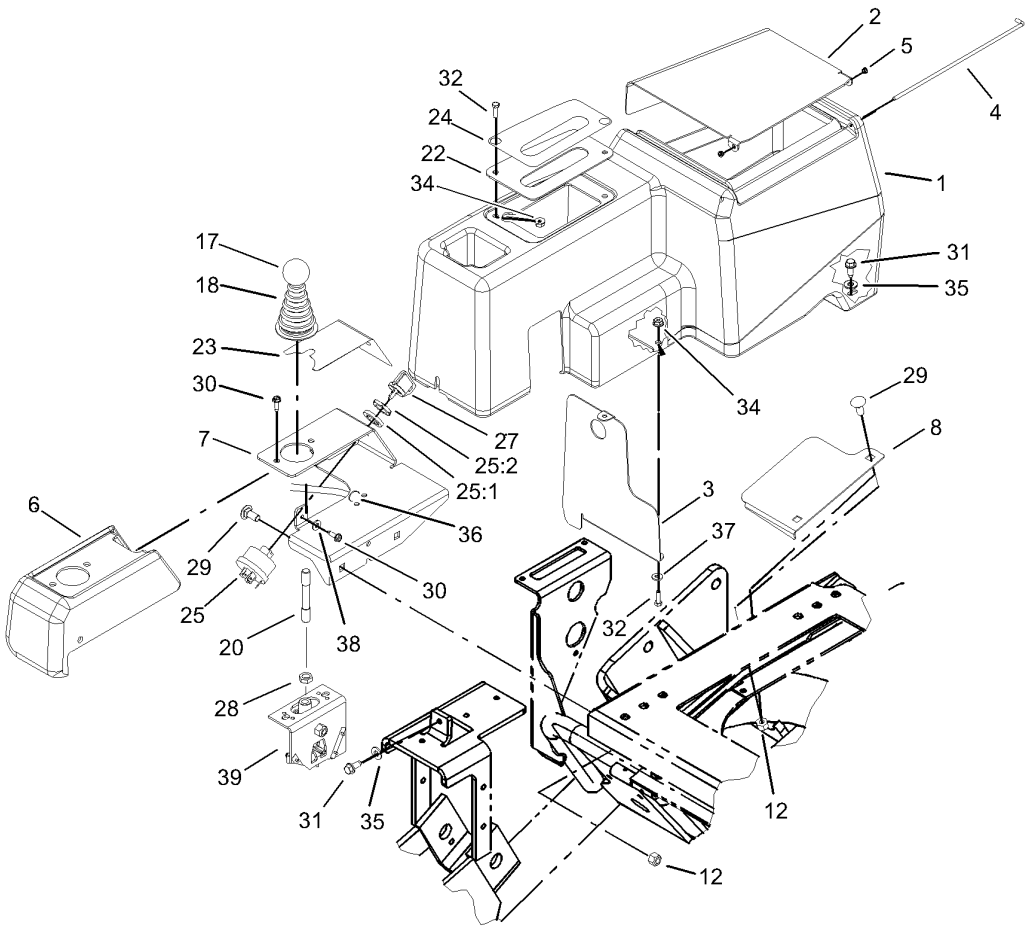
Ref	Part No.	Qty.	Description
1	94-2690	1	Filter-Fuel
2	2412-108	2	Clamp-Worm
3	83-2041	1	Hose-Fuel
4	93-7170	1	Cap-Fuel
5	105-8266	1	Tank-Fuel
6	240-11	4	Bushing-Flange
7	63-8410	4	Washer
8	2412-41	3	Clamp
9	323-6	4	Screw-HH
10	33113-012	1	Screw-HH
11	2412-94	1	Clamp
14	105-8342	1	Hose-Fuel
15	83-1390	1	Valve-Shut-Off, Fuel
16	2412-36	2	Clamp-Hose
17	56-2230	1	Hose-Fuel
18	2412-98	2	Clamp
19	106-4616	1	Screw-Spacer



Speed Selector Lever Assembly

Ref	Part No.	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
4	3296-27	1	Nut-Lock NI
5	33024-00	1	Nut-Lock
7	94-9611	1	Handle
8	256-311	1	Bushing-Split
9	93-2055	2	Sensor-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
14	3256-24	1	Washer-Flat
15	94-6398	1	Bracket-Traction
16	3256-23	1	Washer-Flat
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-Flat
24	94-9618	1	Spacer-Spring
25	94-9620	1	Spring-Torsion
26	33023-00	1	Nut-Lock

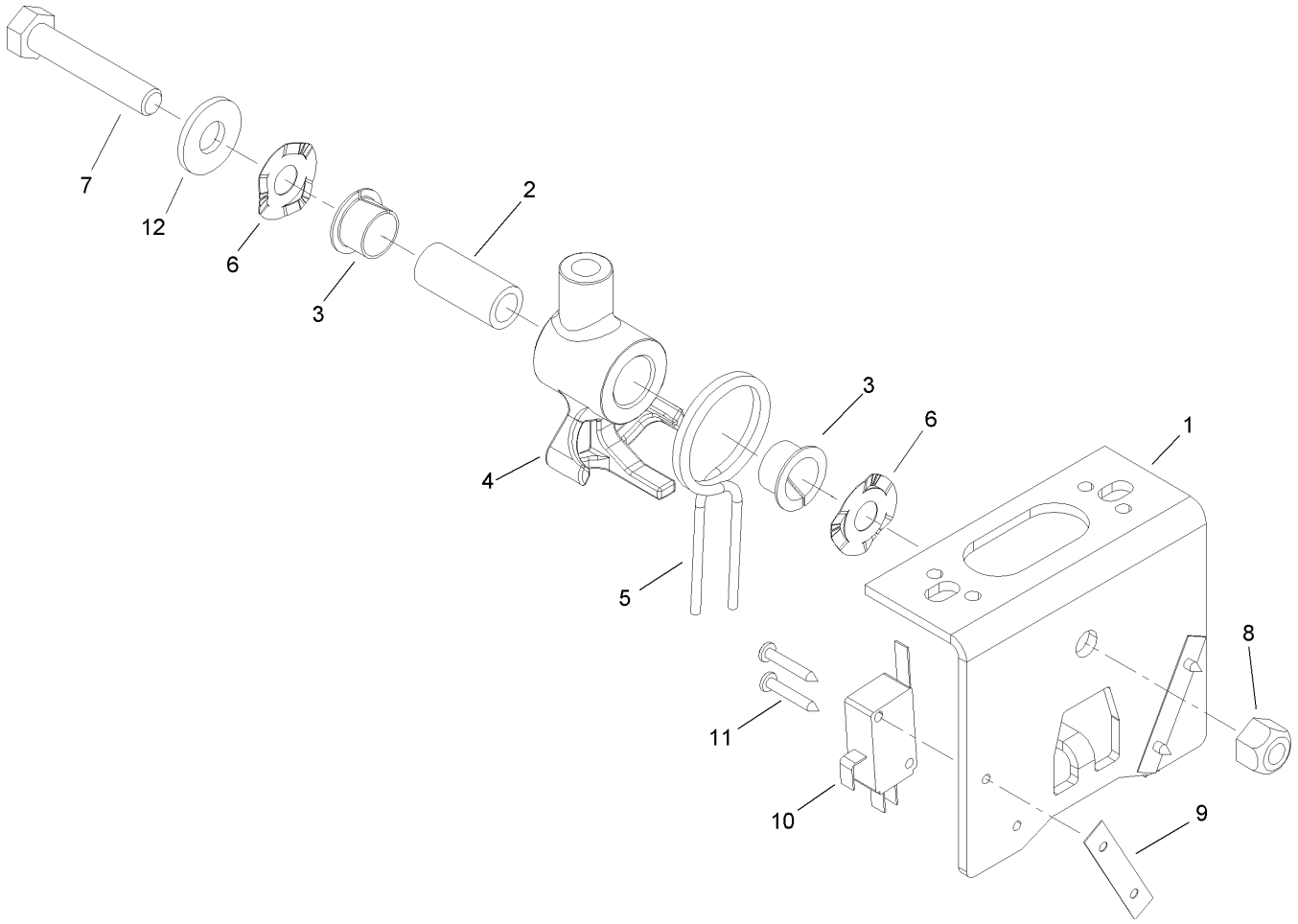
Ref	Part No.	Qty.	Description
27	105-5417-03	1	Bracket-Cable, Shifter
28	106-6356	1	Shield-Switch
29	322-2	4	Screw-HH
30	3296-29	4	Nut-Lock, NI
31	3290-321	2	Screw-HWH
32	3296-12	2	Nut-Lock



Joystick and Console Assembly

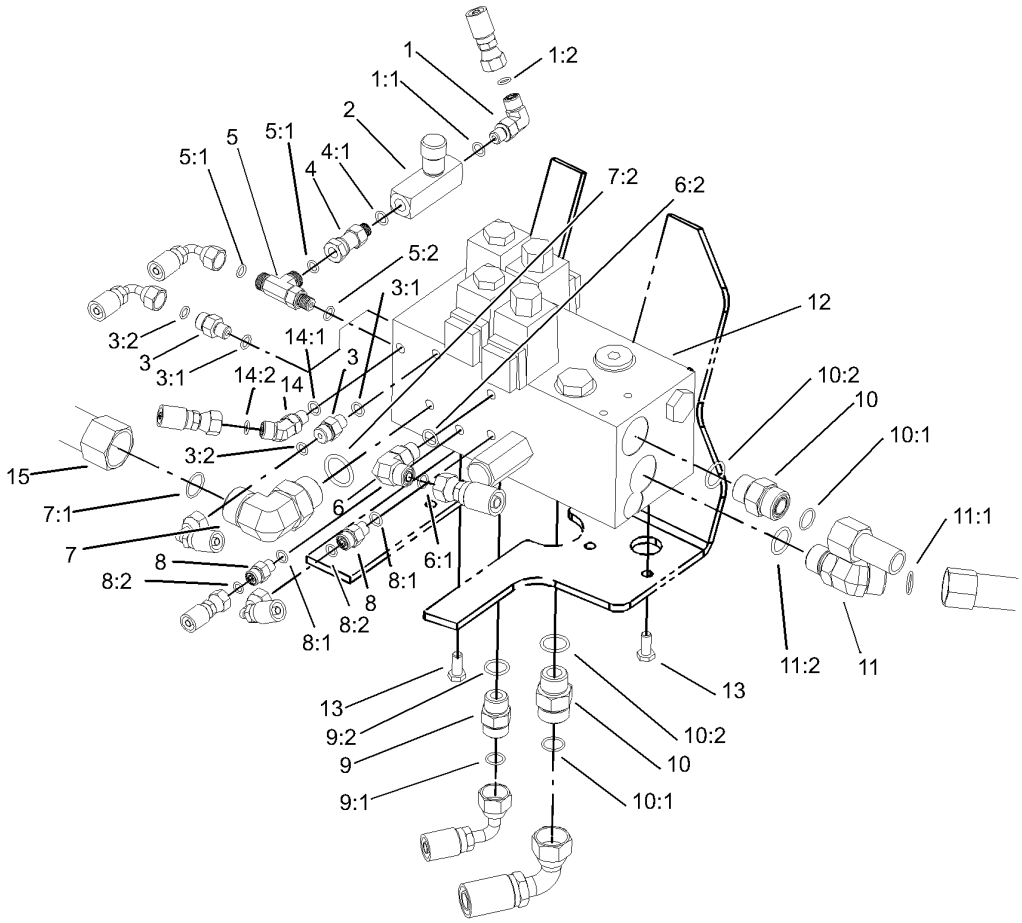
Ref	Part No.	Qty.	Description
1	105-8250	1	Console
2	105-8254-03	1	Lid-Console
3	105-8255-03	1	Baffle-Console
4	105-8256	1	Rod-Hinge
5	105-8283	2	Bushing
6	105-8251	1	Pod
7	105-8252-03	1	Bracket-Pod
8	105-8284-03	1	Shield-Valve
12	3296-29	4	Nut-Lock, NI
17	233-42	1	Knob
18	93-5961	1	Boot-Lever
20	105-8288	1	Rod-Joystick
22	105-8280-03	1	Plate-Console
23	105-8305	1	Decal-Panel, Control
24	105-8306	1	Decal-Selector, Speed
25	88-9830	1	Key Switch ASM
25:1	3254-5	1	Washer-Tooth
25:2	218-461	1	Nut-HH
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

Ref	Part No.	Qty.	Description
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
❷39		1	Joystick Bracket ASM



Joystick Bracket Assembly No. 106-4167

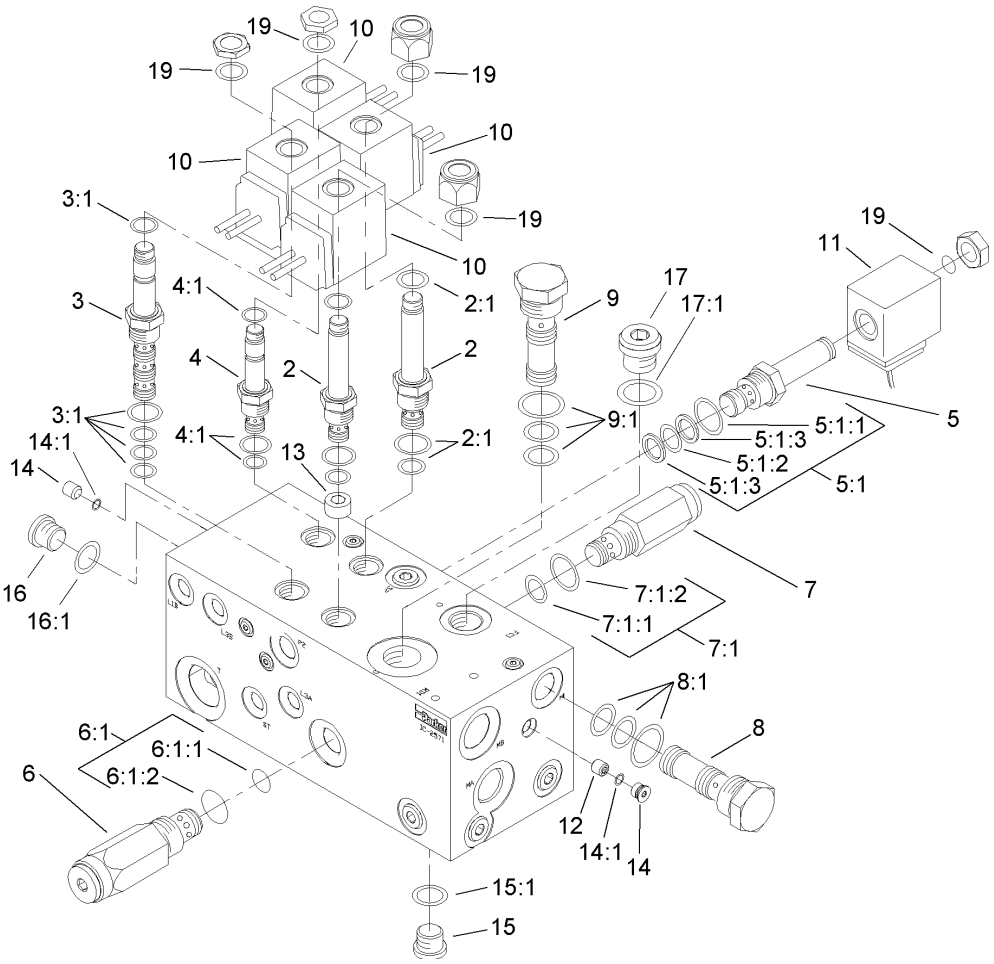
Ref	Part No.	Qty.	Description
1	106-4168-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	105-7507	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	111332	2	Switch
11	95-3003	4	Screw-HH
12	3256-3	1	Washer-Flat



Hydraulic Manifold Assembly

Ref	Part No.	Qty.	Description
1	340-132	1	Fitting-Hyd, 90 DEG
1:1	237-78	1	O-Ring
1:2	237-21	1	O-Ring
2	93-7489	1	Orifice Valve ASM
3	95-1639	2	Fitting-HYD
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	104-3777	1	Connector-Swivel, Straight
4:1	237-78	1	O-Ring
5	340-140	1	Adapter-Tee
5:1	237-21	2	O-Ring
5:2	237-78	1	O-Ring
6	340-77	1	Fitting-Hyd, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-142	1	Fitting-Hyd, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	340-92	2	Fitting-Hyd, Straight
8:1	237-78	1	O-Ring
8:2	237-21	1	O-Ring
9	340-4	1	Fitting-Hyd, Sraight
9:1	237-30	1	O-Ring
9:2	237-79	1	O-Ring

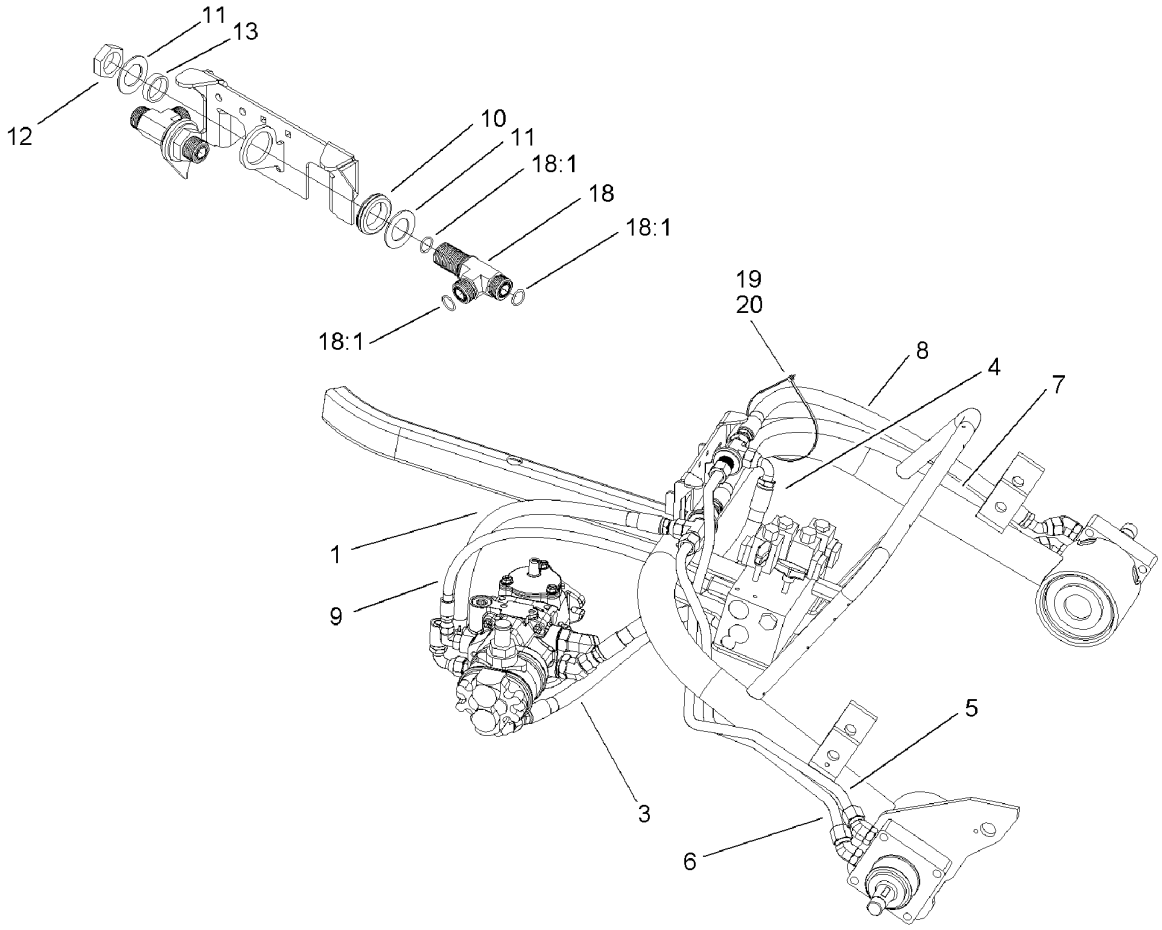
Ref	Part No.	Qty.	Description
10	340-7	2	Adapter
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	340-14	1	Fitting-Hyd, 45 DEG
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	106-9005	1	Manifold ASM
13	33114-016	2	Screw-HH
14	340-103	1	Fitting-Hyd, 45 DEG
14:1	237-78	1	O-Ring
14:2	237-21	1	O-Ring
15	105-5460	1	Tube-Hyd, Manifold/filter



Manifold Assembly No. 106-9005

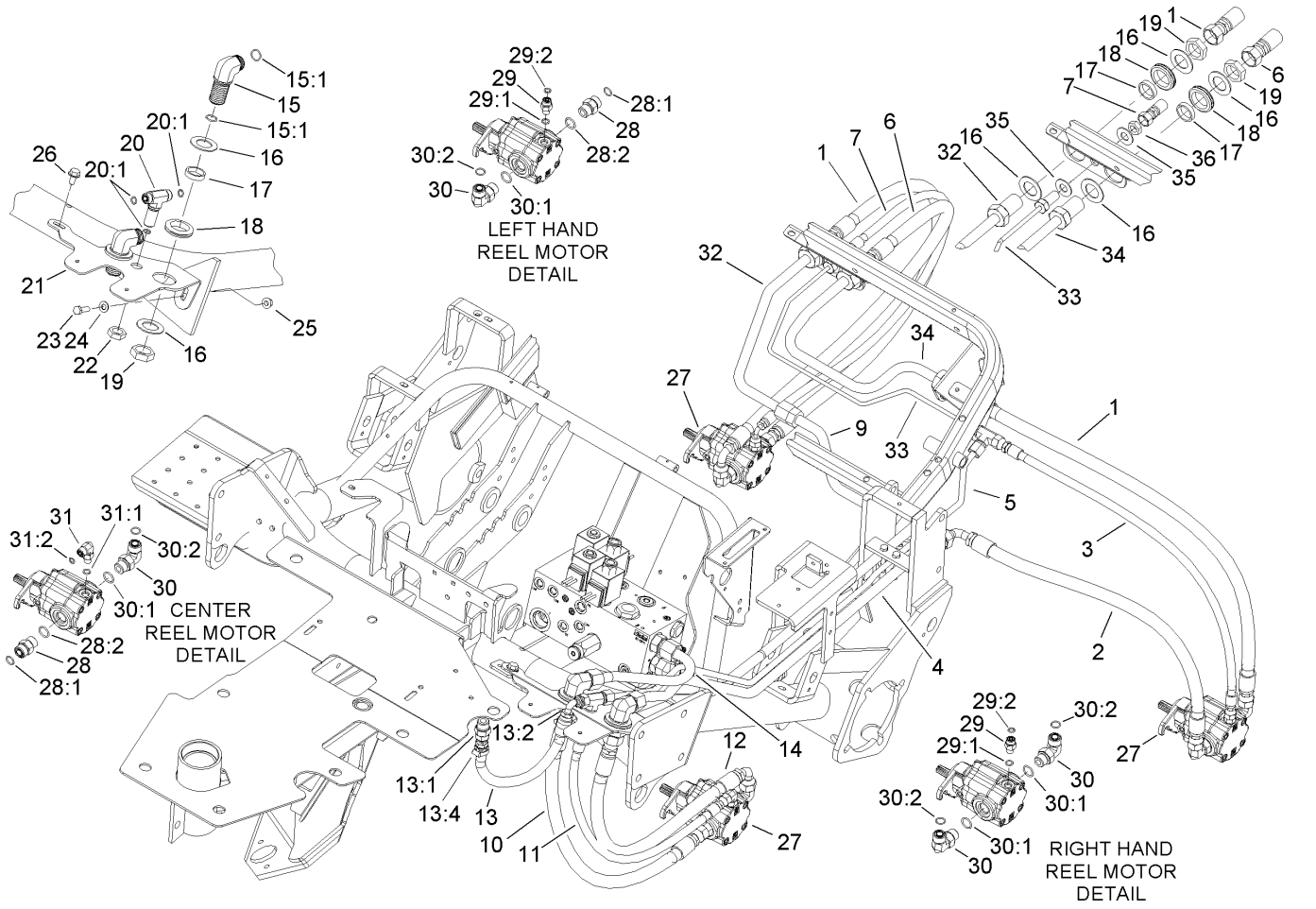
Ref	Part No.	Qty.	Description
2	93-7494	2	Cartridge
2:1	95-5645	1	Seal Kit
3	94-2627	1	Cartridge
3:1	95-5642	1	Seal Kit
4	92-6315	1	Cartridge-Poppet, N.c.
4:1	95-5645	1	Seal Kit
5	106-9087	1	Spool-Type, Stem
5:1	105-3334	1	Seal Kit
❷5:1:1		1	O-Ring
❷5:1:2		1	O-Ring
❷5:1:3		2	Ring-Backup
6	95-1601	1	Cartridge-Relief
6:1	95-5645	1	Seal Kit
❷6:1:1		1	O-Ring
❷6:1:2		1	O-Ring
7	94-6351	1	Cartridge-Relief
7:1	95-5645	1	Seal Kit
❷7:1:1		1	O-Ring
❷7:1:2		1	O-Ring
8	94-6353	1	Plug-Cavity
8:1	69-4240	1	Seal Kit
9	94-6352	1	Plug-Cavity
9:1	104-7730	1	Seal Kit
10	88-9190	4	Solenoid Coil Kit

Ref	Part No.	Qty.	Description
11	106-9086	1	Solenoid Coil
12	106-9084	1	Plug-Orifice
13	106-9083	1	Plug-Orifice
14	353-991	8	Plug-Hex, Hollow
14:1	237-156	1	O-Ring
15	353-989	7	Plug-Hex, Hollow
15:1	237-42	1	O-Ring
16	353-988	1	Plug-Hex, Hollow
16:1	237-79	1	O-Ring
17	354-70	1	Plug-Hex, Hollow
17:1	237-80	1	O-Ring
19	94-5438	8	Seal-Solenoid



Hydraulic Traction Assembly

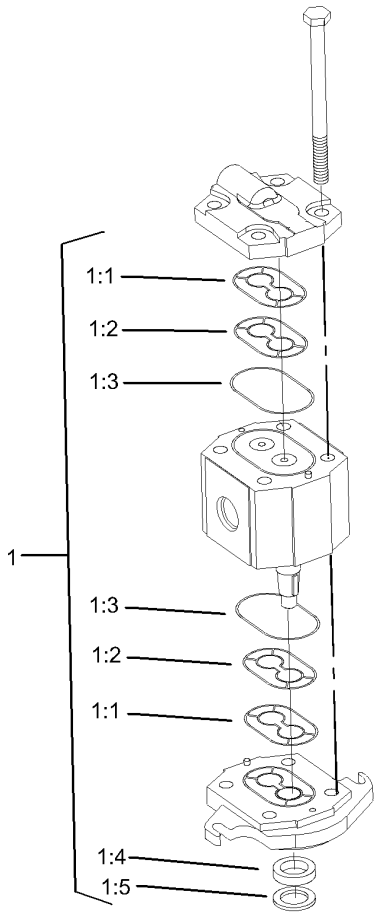
Ref	Part No.	Qty.	Description
1	99-6193	1	Hose ASM
3	105-4342	1	Hose ASM
4	105-4332	1	Hose ASM
5	105-5490	1	Tube-HYD
6	105-5489	1	Tube-HYD
7	105-4333	1	Hose ASM
8	105-4336	1	Hose ASM
9	105-4343	1	Hose ASM
10	240-3	2	Grommet-Rubber
11	69-9010	4	Washer
12	340-74	2	Locknut-Bulkhead
13	69-9000	2	Spacer
18	94-5350	2	Tee-Bulkhead
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 No.	Qty.	Description
1	95-2908	2	Hose ASM
2	105-5404	1	Hose ASM
3	105-5405	1	Hose ASM
4	105-5493	1	Tube-HYD
5	105-4327	1	Tube-Hyd, Casedrain
6	95-2909	1	Hose ASM
7	93-2264	1	Hose ASM
9	107-2582	1	Tube-HYD
10	105-5400	1	Hose ASM
11	105-5402	1	Hose ASM
12	105-5401	1	Hose ASM
13	105-5409	1	Hose ASM
13:1	105-8311	1	Fitting-HYD
13:2	105-8312	1	Fitting-Hyd, 90
13:4	2412-141	2	Clamp-Drive, Worm
14	105-5482	1	Tube-HYD
15	340-72	2	Fitting-90 DEG Hyd, Bulkhead
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	Locknut-Bulkhead
20	105-8281	1	Tee-Bulkhead
20:1	237-22	3	O-Ring

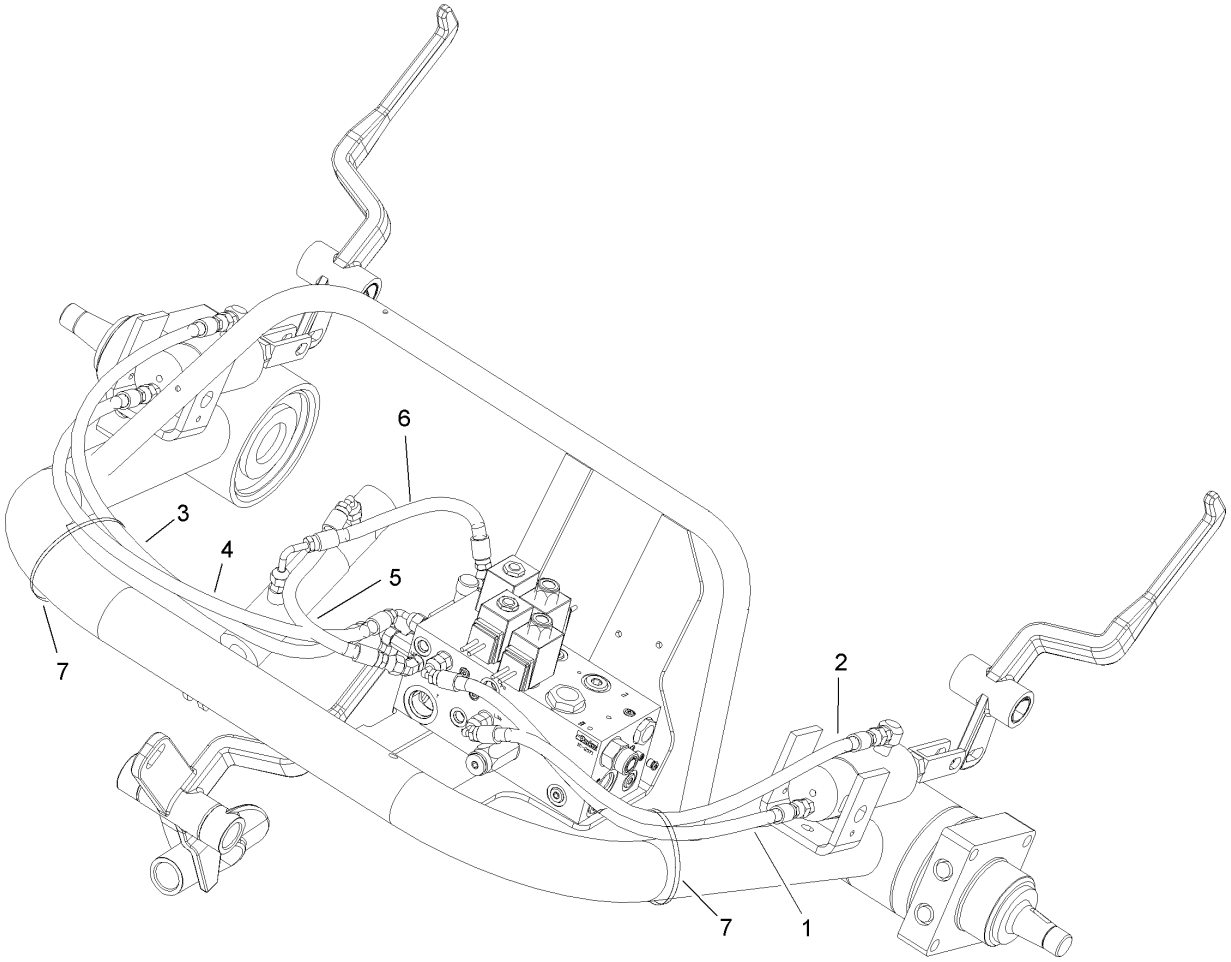
Ref	Part No.	Qty.	Description
21	105-8253-01	1	Bracket-Bulkhead
22	340-70	1	Nut-Lock
23	322-5	1	Screw-HH
24	3256-23	1	Washer-Flat
25	32128-20	1	Nut-HF
26	32144-14	3	Screw-HWH
27	100-6426	3	HYD Motor ASM
28	340-4	2	Fitting-Hyd, Sraight
28:1	237-30	1	O-Ring
28:2	237-79	1	O-Ring
29	340-92	2	Fitting-Hyd, Straight
29:1	237-78	1	O-Ring
29:2	237-21	1	O-Ring
30	340-98	4	Fitting-Hyd, 90 DEG
30:1	237-79	1	O-Ring
30:2	237-30	1	O-Ring
31	340-132	1	Fitting-Hyd, 90 DEG
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring
32	107-2581	1	Tube-HYD
33	107-2583	1	Tube-HYD
34	107-2580	1	Tube-HYD
35	69-8980	2	Washer
36	340-78	1	Locknut-Bulkhead



Parts not listed in part list are not serviced separately

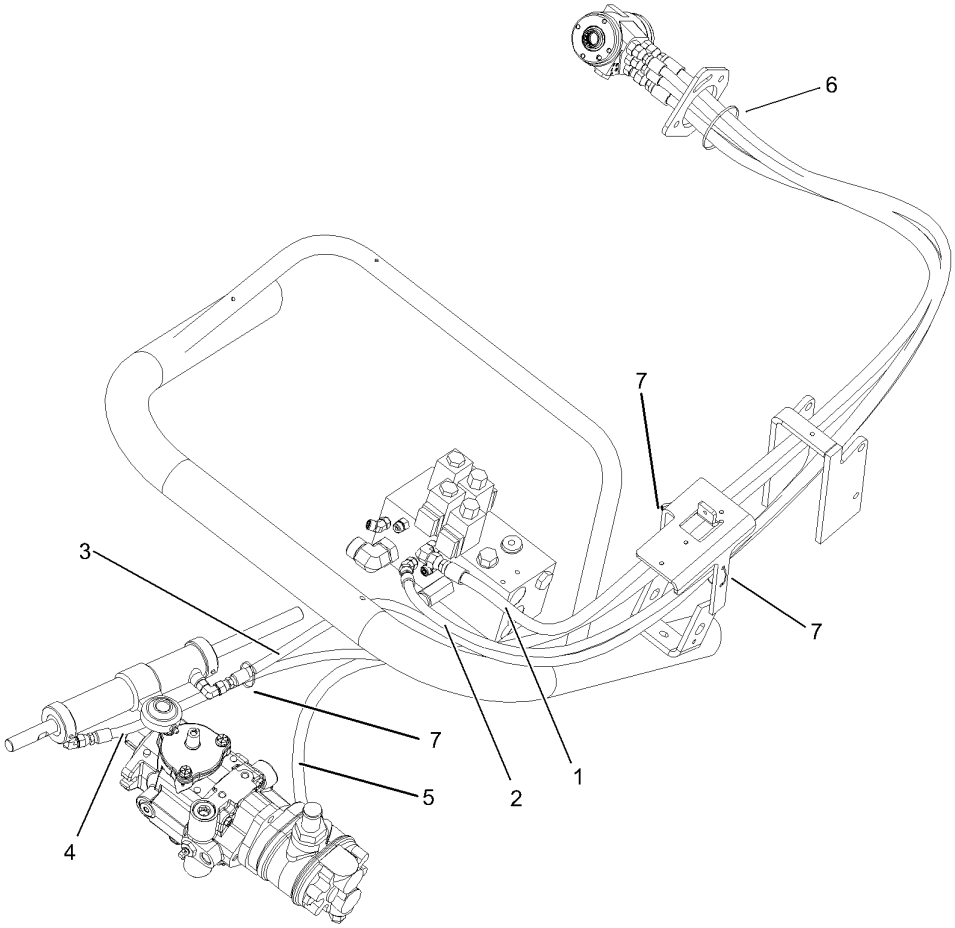
Hydraulic motor Assembly No. 100-6426

Ref	Part No.	Qty.	Description
1	105-9758	1	Seal Kit
❷1:1		2	Seal-Extrusion, Anti
❷1:2		2	Seal-Pressure
❷1:3		2	O-Ring
❷1:4		1	Seal-Shaft
❷1:5		1	Washer-Backup



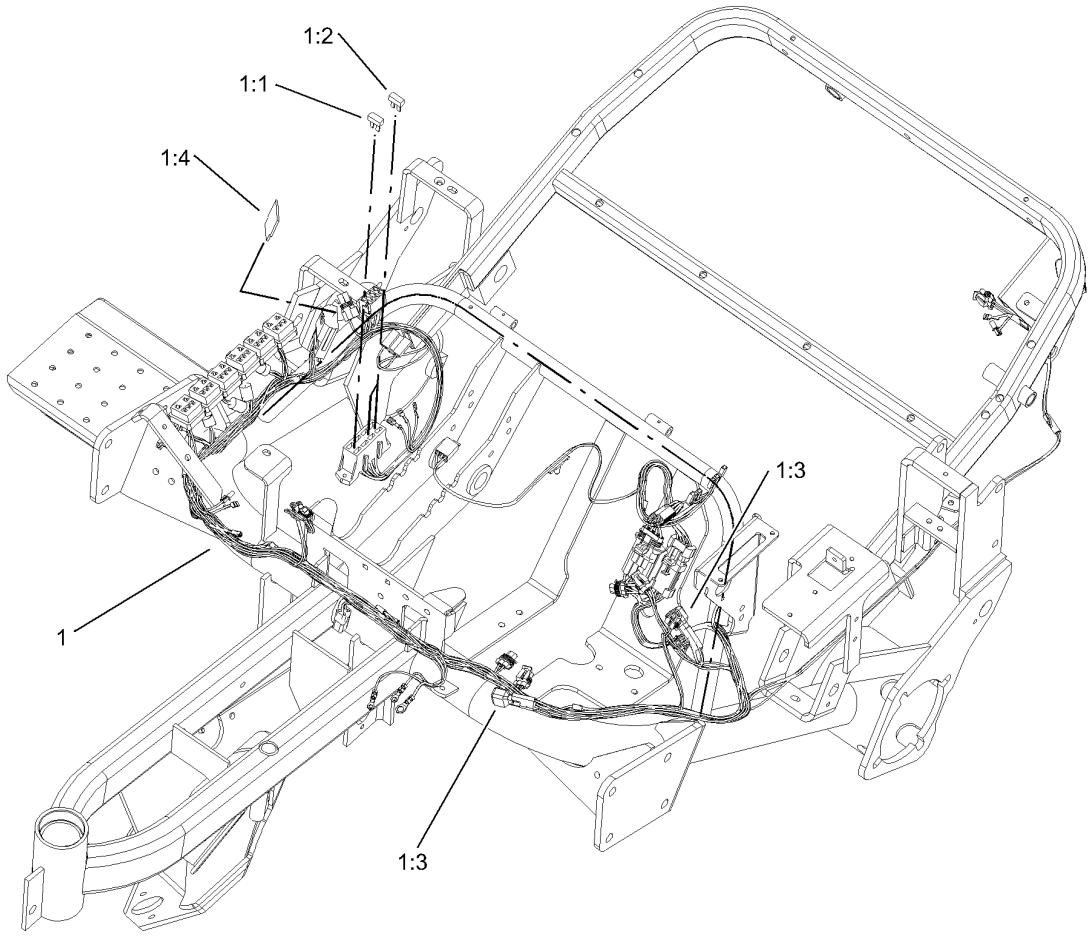
Hydraulic Lift Assembly

Ref	Part No.	Qty.	Description
1	105-4346	1	Hose ASM
2	105-4347	1	Hose ASM
3	100-3833	1	Hose ASM
4	95-8837	1	Hose ASM
5	105-4344	1	Hose ASM
6	105-4345	1	Hose ASM
7	3290-379	2	Tie-Cable



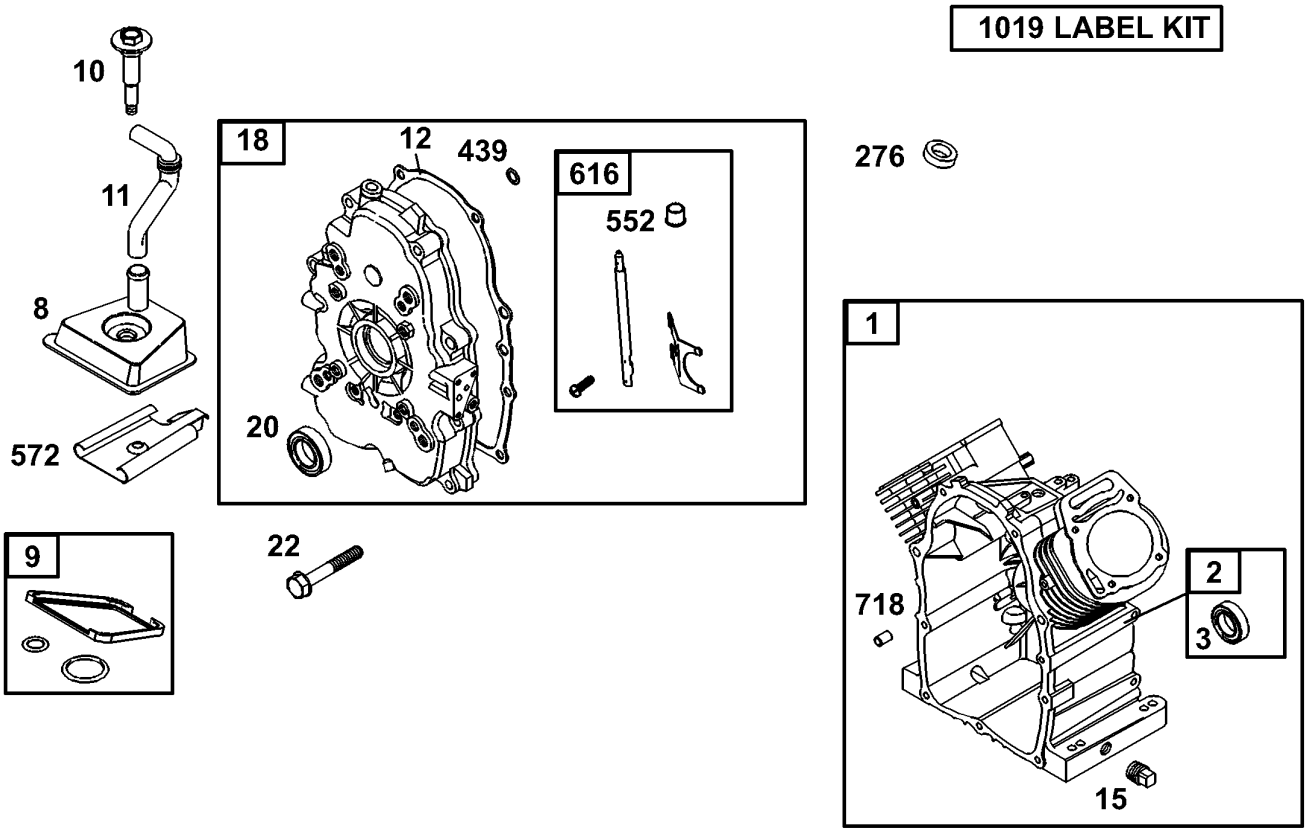
Hydraulic Steering Assembly

Ref	Part No.	Qty.	Description
1	105-4339	1	Hose ASM
2	105-4338	1	Hose ASM
3	105-4337	1	Hose ASM
4	100-4892	1	Hose ASM
5	105-4340	1	Hose ASM
6	3334-945	1	Tie-Cable
7	3290-378	3	Tie-Cable



Wire Harness Routing Assembly

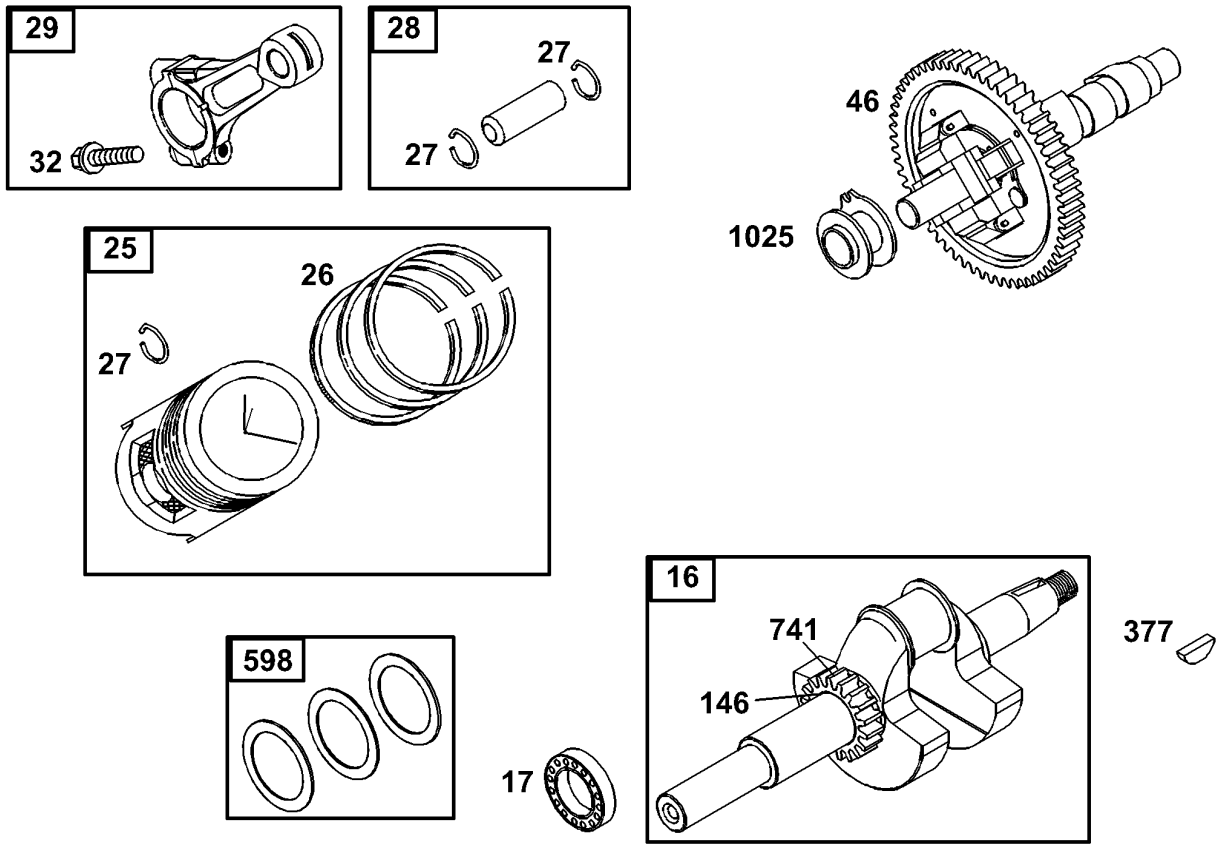
Ref	Part No.	Qty.	Description
1	106-9006	1	Wire-Harness, Gr3150 Main
1:1	218-578	2	Fuse-10 Amp
1:2	109101	1	Fuse-20 Amp
1:3	100-4918	2	Diode
1:4	92-3188	1	Diode-Board, Circuit
❶1:5	106-4641	1	Harness-Wire, Fusible Link



Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton Model 350447-1331-E1

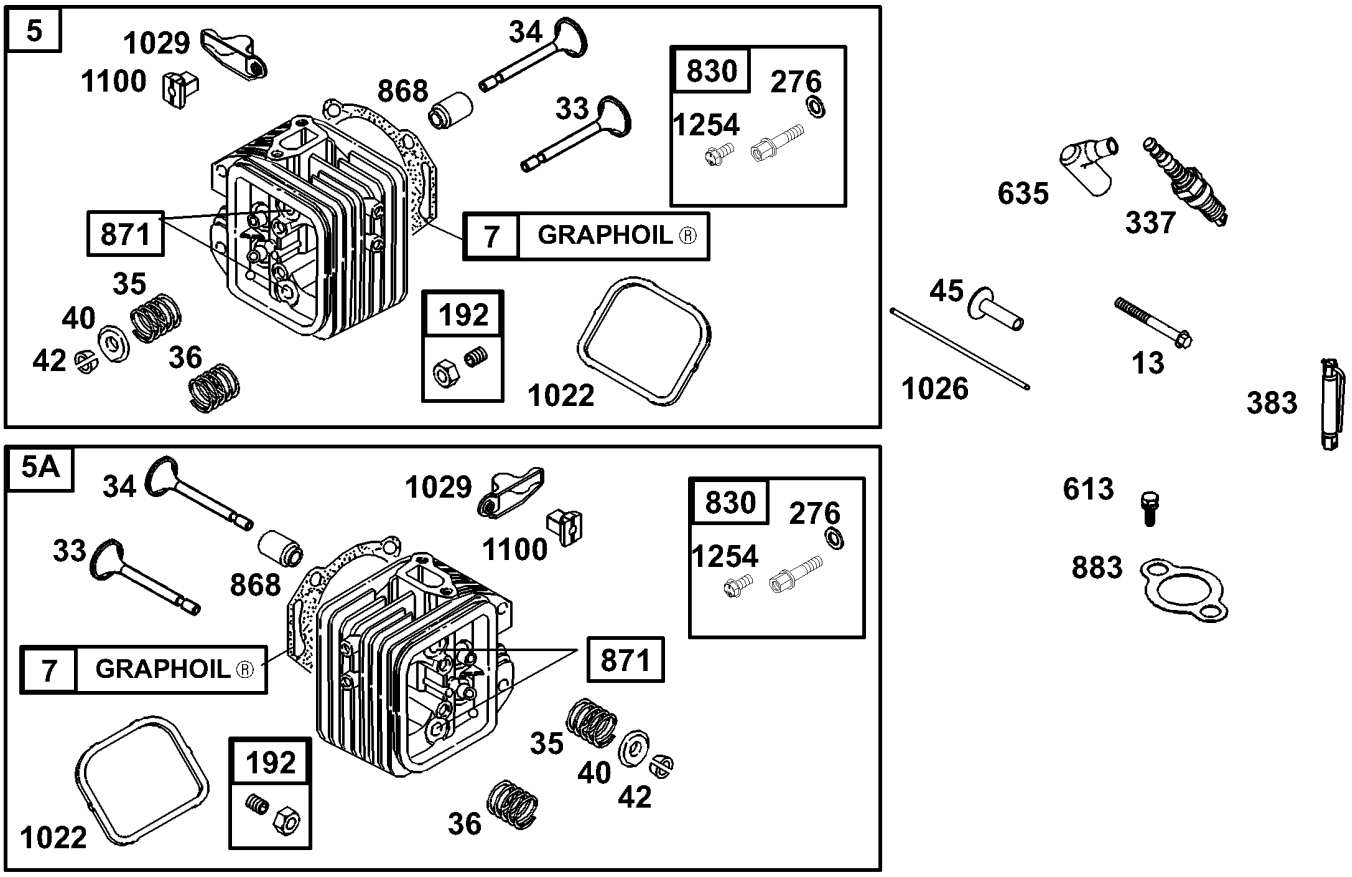
Ref	Part No.	Qty.	Description
❼1	692544	1	Cylinder Assembly
❼2	808534	1	Bushing
❸❼3	805101	1	Seal-Oil
❼8	808984	1	Assembly-Breather
❸❹9	809094	1	Valve Cover Gasket
❼			
❼10	690751	1	Screw (Breather Assembly)
❼11	806083	1	Breather Tube
❸❼12	691684	1	Crankcase Gasket
❼15	690946	1	Plug-Oil Drain
❼18	808847	1	Cover-Crankcase
❸❼20	805049	1	Seal-Oil
❼22	692540	1	Screw
❼276	690704	1	Washer-Sealing
❸❼439	692154	1	O-Ring (Crankcase Cover)
❼552	806686	1	Bushing-Governor Crank
❼572	690686	1	Baffle-Breather
❼616	806685	1	Fork-Governor
❼718	806469	1	Locating Pin
❼1019	808036	1	Kit-Label



Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼16	692171	1	Crankshaft
❼17	690752	1	Bearing-Ball
❼25	808326	1	Piston Assembly (Standard)
❼	808336	1	Piston Assembly (.010 O.s.)
❼	808337	1	Piston Assembly (.020 O.s.)
❼	808338	1	Piston Assembly (.030 O.s.)
❼26	807889	1	Ring Set (Standard)
❼	807994	1	Ring Set (.010 O.s.)
❼	807995	1	Ring Set (.020 O.s.)
❼	807996	1	Ring Set (.030 O.s.)
❼27	690683	1	Lock-Piston Pin
❼28	807886	1	Pin-Piston
❼29	807900	1	Rod-Connecting
❼	807803	1	Pin-Piston (.020" U.s.)
❼32	690698	1	Screw
❼46	691557	1	Camshaft
❼146	691639	1	Key-Timing
❼377	808095	1	Key-Timing
❼598	807625	1	Washer Set
❼741	691530	1	Gear-Timing
❼1025	690689	1	Spool-Governor

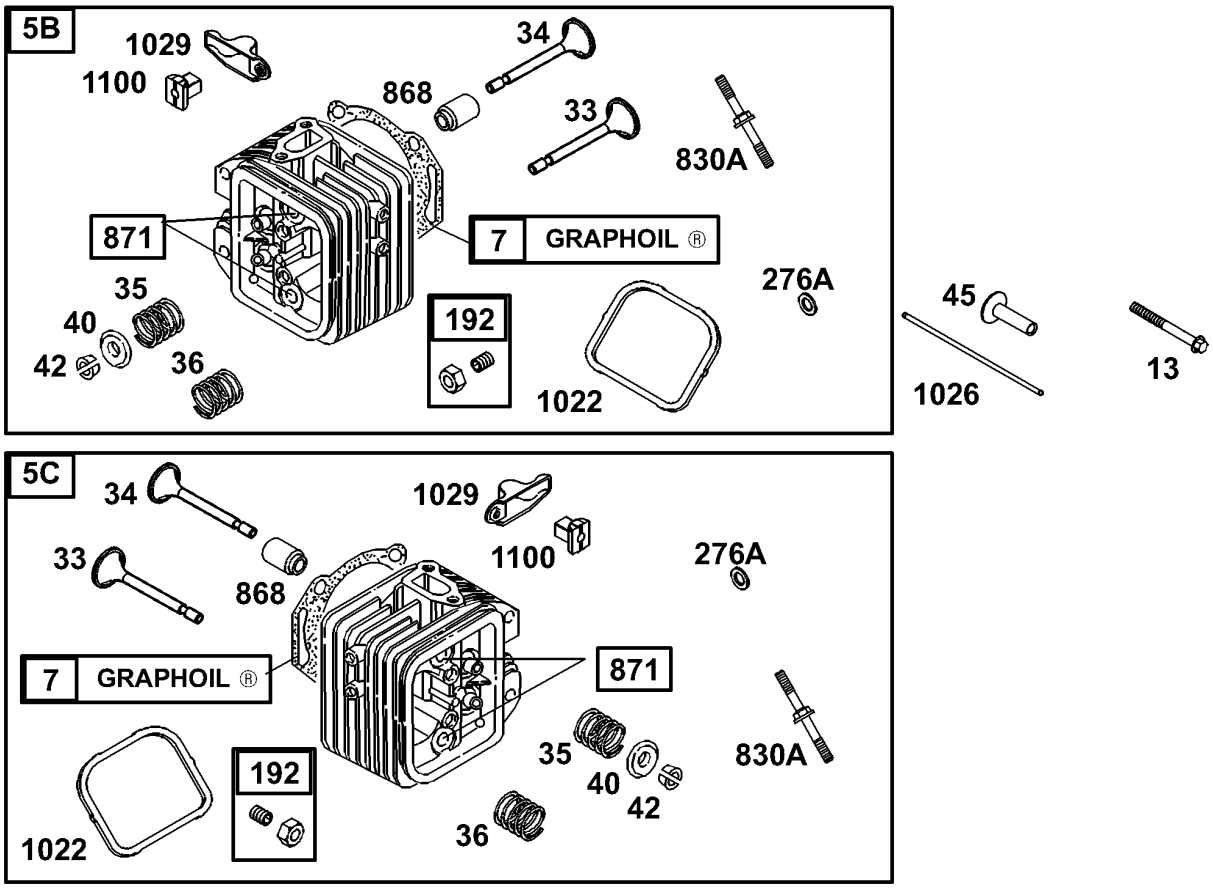


Assemblies include all parts shown in frames.

Cylinder Head Assembly No. 1
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼5	809185	1	Cylinder Head (No. 1)(Used After Date Code 01120200)
❼5A	809186	1	Cylinder Head (No. 2)(Used After Date Code 01120200)
❸❻7 ❼	690888	1	Cylinder Head Gasket
❼13	692059	1	Cylinder Head Screw
❼33	807681	1	Valve-Exhaust
❼34	807680	1	Valve-Intake
❼35	692084	1	Spring-valve(Intake)
❼36	692084	1	Spring-valve(Intake)
❼40	692058	1	Retainer-Valve
❼42	807683	1	Keeper-Valve
❼45	690977	1	Tappet-Valve
❼192	807623	1	Screw
❼276A	807085	1	New Tractor Loose Parts Package 211-5 Only
❼337	496018	1	Sparkplug
❼383	19374	1	Wrench-Sparkplug
❼613	691902	1	Screw (Exhaust Muffler)
❼635	692076	1	Boot-Sparkplug
❼830	809157	1	Stud (Rocker Arm)
❼868	691963	1	Seal-Valve
❼871	692057	1	Valve Guide
❼883	691613	1	Exhaust Gasket

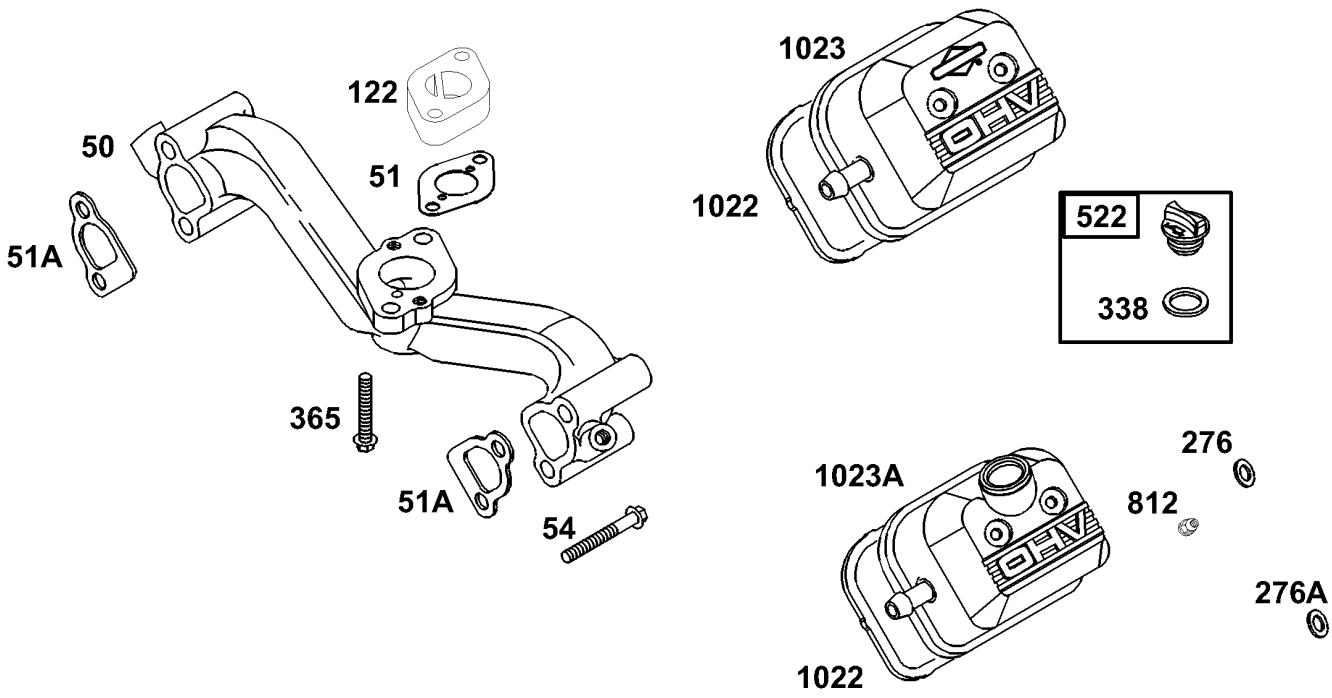
Ref	Part No.	Qty.	Description
❸❻1022 ❼	806039	1	Gasket-Valve Cover
❼1026	691836	1	Rod-push(Intake Valve)
❼	691758	1	Rod-push(Exhaust Valve)
❼1029	691543	1	Arm-Rocker
❼1100	690973	1	Pivot-Rocker Arm
❼1254	807084	1	New Tractor Loose Parts Package 211-3 Only



Assemblies include all parts shown in frames.

Cylinder Head Assembly No. 2
Briggs and Stratton Model 350447-1331-E1

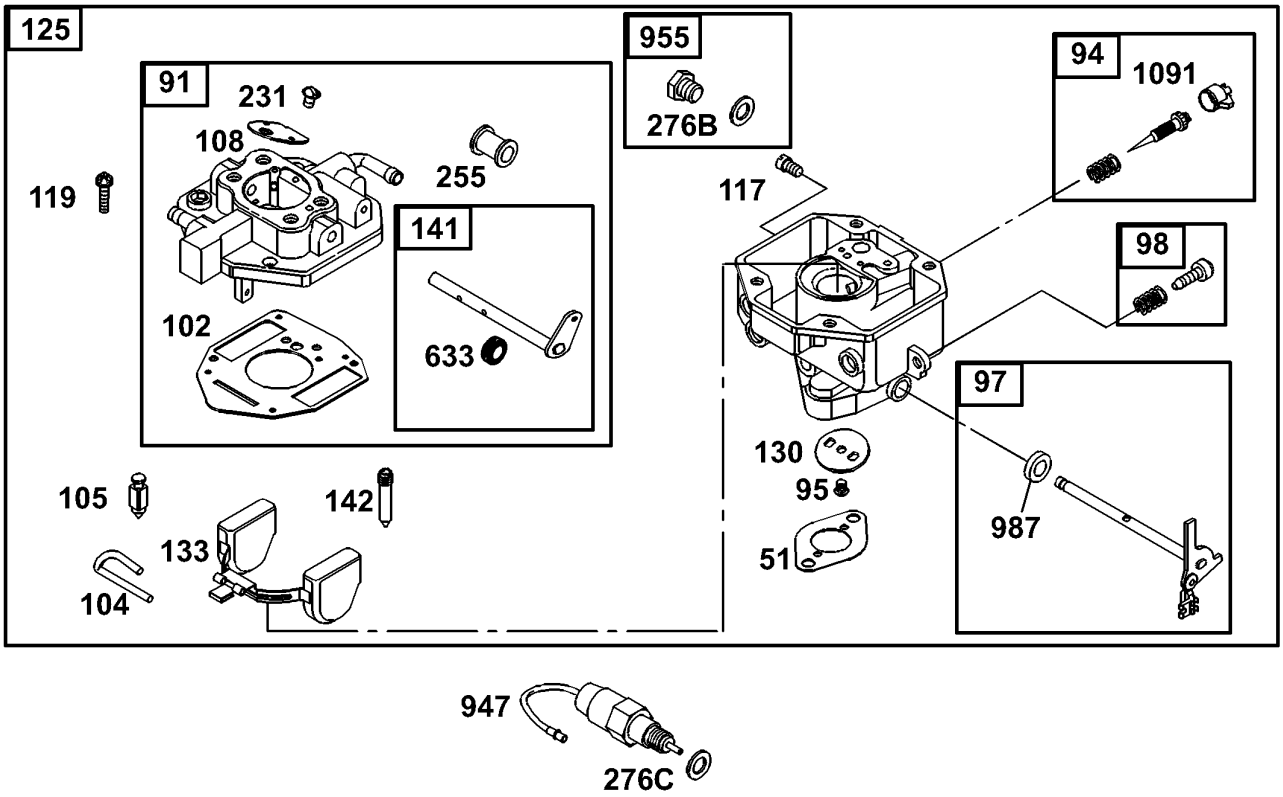
Ref	Part No.	Qty.	Description
❼5B	808383	1	Cylinder Head (No. 1)
❼5C	808384	1	Cylinder Head (No. 2)
❸❻❼	690888	1	Cylinder Head Gasket
❼13	692059	1	Cylinder Head Screw
❼33	807681	1	Valve-Exhaust
❼34	807680	1	Valve-Intake
❼35	692084	1	Spring-valve(Intake)
❼36	692084	1	Spring-valve(Intake)
❼40	692058	1	Retainer-Valve
❼42	807683	1	Keeper-Valve
❼45	690977	1	Tappet-Valve
❼192	807623	1	Screw
❼276A	691766	1	Sealing Washer
❼830A	691544	1	Stud-Rocker Arm
❼868	691963	1	Seal-Valve
❼871	692057	1	Valve Guide
❸❻❼1022	806039	1	Gasket-Valve Cover
❼1026	691836	1	Rod-push(Intake Valve)
❼	691758	1	Rod-push(Exhaust Valve)
❼1029	691543	1	Arm-Rocker
❼1100	690973	1	Pivot-Rocker Arm



Assemblies include all parts shown in frames.

Intake Manifold and Rocker Cover Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼50	690754	1	Manifold-Intake
❸❼51	691694	1	Gasket-Intake
❸❻51A ❼	692035	1	Gasket-Intake
❼54	690676	1	Screw
❼122	690691	1	Spacer-Carburetor
❼276	807085	1	New Tractor Loose Parts Package 211-5 Only
❼276A	691766	1	Sealing Washer
❼338	691312	1	Gasket-Dipstick
❼365	690711	1	Screw
❼522	491832	1	Plug-Oil Filler
❼812	692055	1	Nut (Air Cleaner)
❸❻1022 ❼	806039	1	Gasket-Valve Cover
❼1023	691494	1	Cover-Valve
❼1023A	690910	1	Cover-Valve

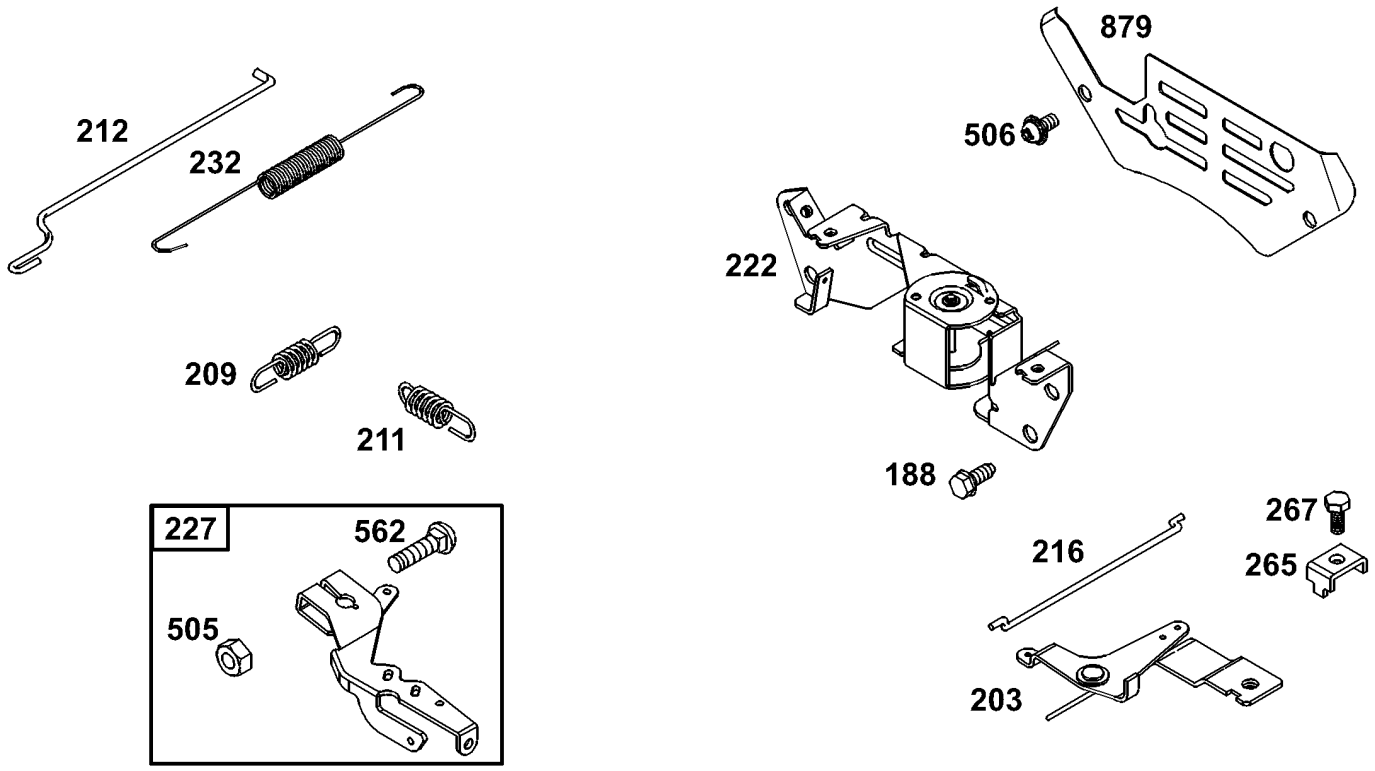


Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❸❼51	691694	1	Gasket-Intake
❼91	809208	1	Upper Carburetor Body
❺❼94	808257	1	Idle Mixture Kit
❺❼95	690718	1	Screw (Throttle Valve)
❼97	808973	1	Throttle Shaft Kit
❼98	808981	1	Idle Speed Kit
❺❼102	692077	1	Gasket-Carburetorbody
❺❼104	690723	1	Pin-Float Hinge
❺❼105	692078	1	Float Needle Valve
❼108	690719	1	Valve-Choke
❼109	809096	1	Choke Shaft
❺❼117	808406	1	Main Jet (Standard)
❼119	690720	1	Screw
❼125	809209	1	Carburetor
❼130	690726	1	Valve-Throttle
❼133	806961	1	Float-Carburetor
❺❼142	690725	1	Nozzle-Carburetor
❺❼231	690718	1	Screw (Throttle Valve)
❺❼255	690721	1	Bushing-Choke Shaft
❺❼276B	690724	1	Sealing Washer
❼276C	806137	1	Washer
❺❼633	690722	1	Seal-Choke Shaft
❼947	692094	1	Fuel Solenoid
❼955	807723	1	Carburetor Plug

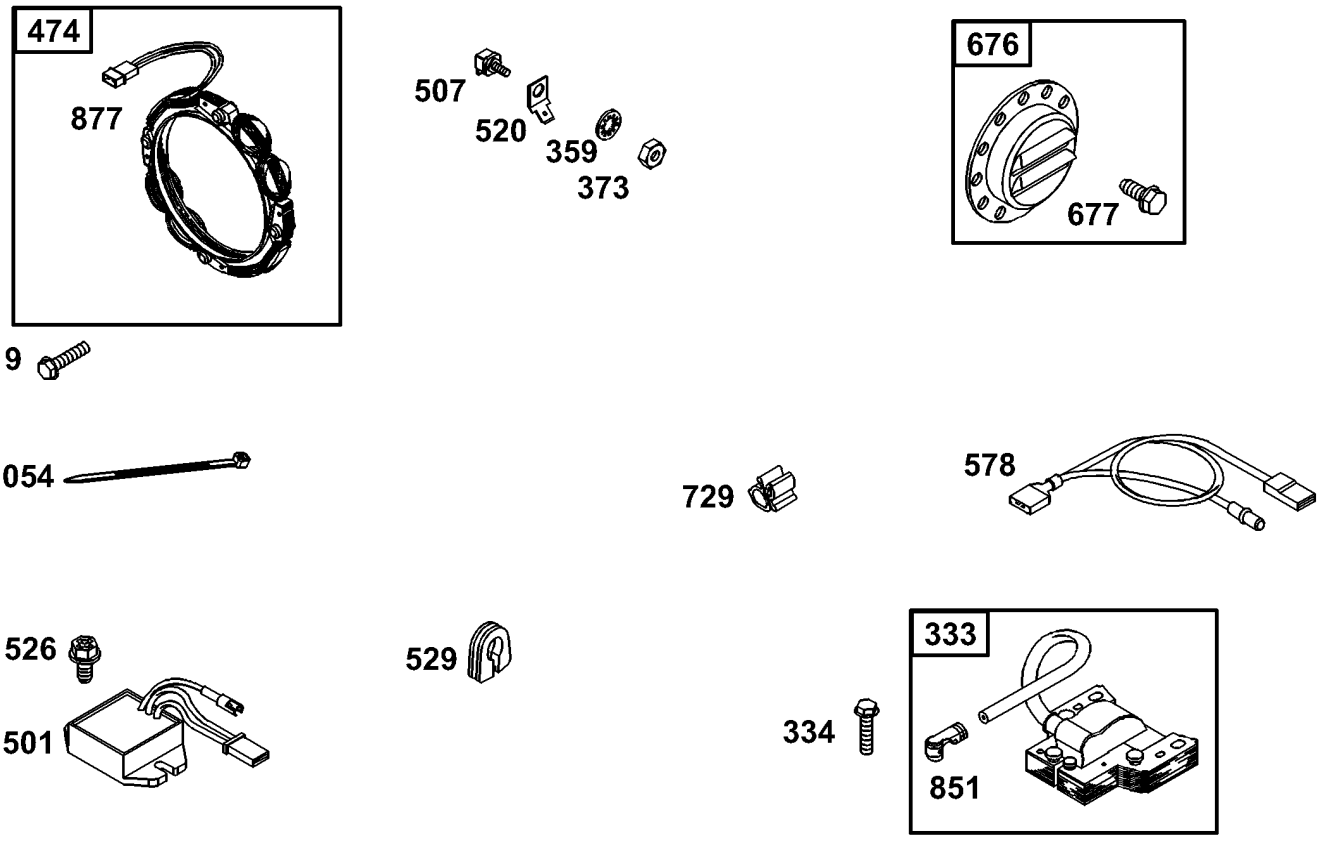
Ref	Part No.	Qty.	Description
❺❼987	806131	1	Seal-Shaft
❺❼1091	691516	1	Cap-Limiter



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton Model 350447-1331-E1

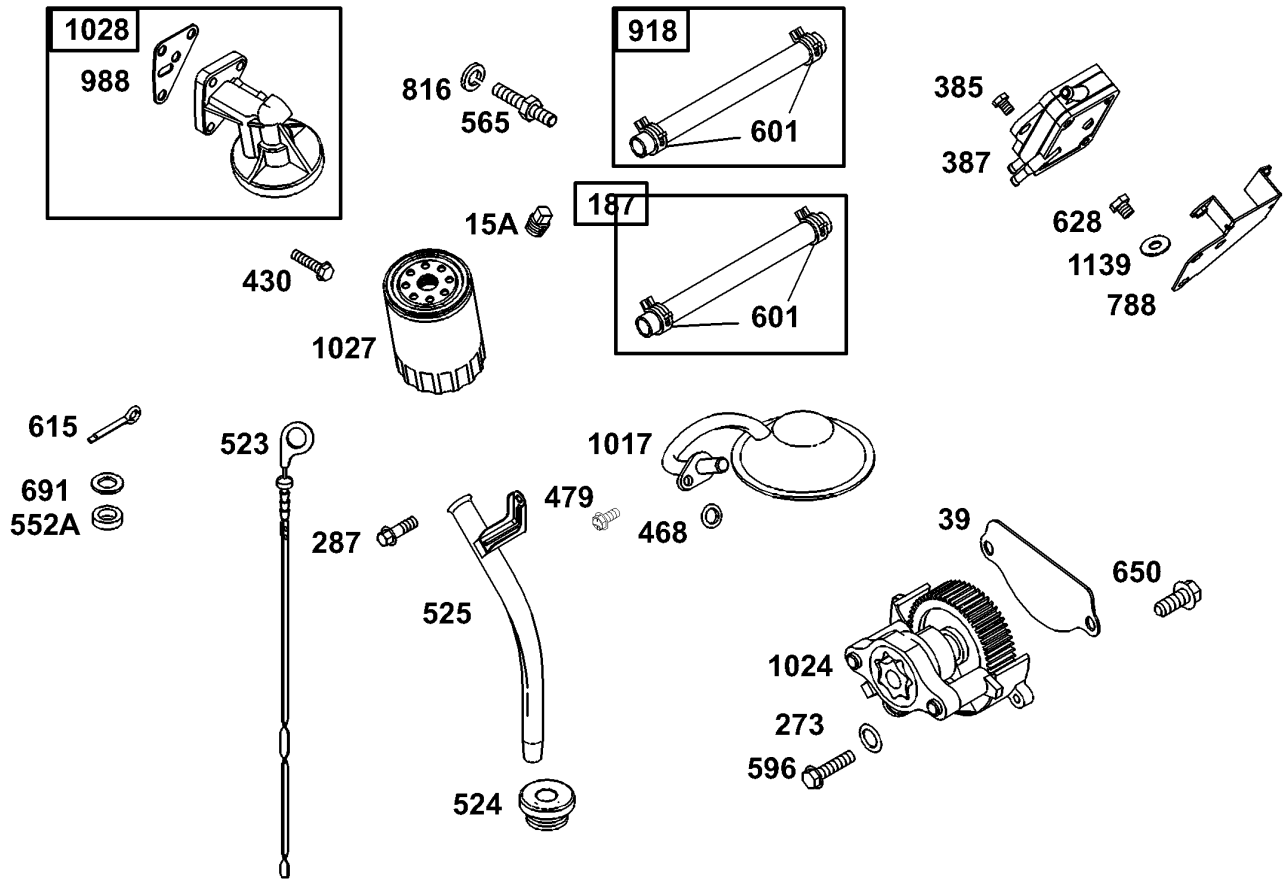
Ref	Part No.	Qty.	Description
❼188	692056	1	Screw (Blower Housing)
❼203	690923	1	Crank-Bell
❼209	806872	1	Governor Spring
❼211	806868	1	Governed Idle Spring
❼	692068	1	Governed Idle Spring (Secondary)
❼212	690712	1	Link-Governor
❼216	690705	1	Link-Choke
❼222	808454	1	Bracket-Control
❼227	690236	1	Lever-Governor Control
❼232	692073	1	Governor Link Spring
❼265	691024	1	Clamp-Casing
❼267	692083	1	Screw
❼505	690238	1	Nut (Governor Control Lever)
❼506	690677	1	Screw
❼562	690239	1	Bolt-Carriage
❼879	690757	1	Cover-Carburetor



Assemblies include all parts shown in frames.

Alternator Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼333	492341	1	Armature-Magneto
❼334	692066	1	Screw (Magneto Armature)
❼359	691077	1	Washer (Groundterminal)
❼373	691612	1	Nut (Ground Terminal)
❼474	696458	1	Alternator
❼501	691185	1	Regulator
❼507	691972	1	Insulator
❼520	691084	1	Terminal-Spade
❼526	692067	1	Screw (Regulator)
❼529	690744	1	Grommet
❼578	692319	1	Wire Assembly
❼676	397630	1	Deflector-Exhaust
❼677	690661	1	Screw (Flywheel Guard)
❼729	690586	1	Clip-Wire
❼851	493880	1	Terminal-Spark Plug
❼877	399916	1	Wire/connector-Alternator
❼1054	280275	1	Cable Tie
❼1119	691552	1	Screw

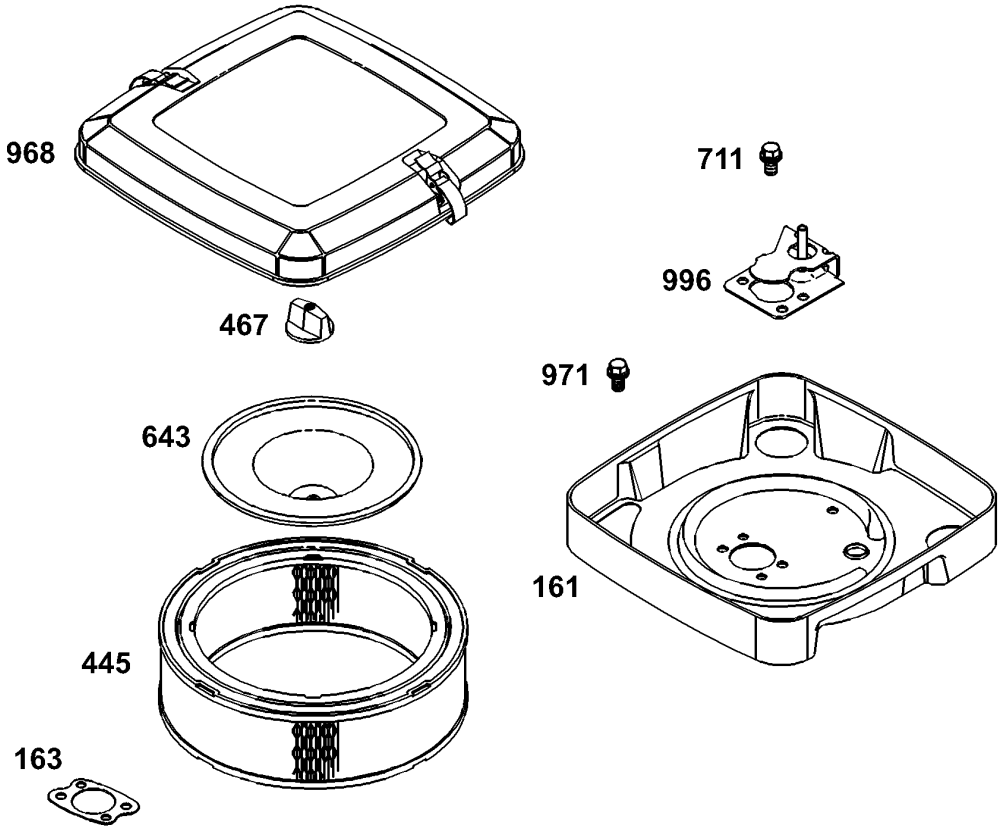


Assemblies include all parts shown in frames.

Fuel Pump, Oil Pump and Dipstick Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼15A	690283	1	Plug-Oil
❼39	690745	1	Deflector-Oil
❼187	691050	1	Line-Fuel (Cut To Required Length)
❸❼273	690681	1	Seal-O Ring (Oil Pump)
❼287	692062	1	Screw (Drive Cap)
❼385	693169	1	Screw (Fuel Pump)
❼387	808969	1	Fuel Pump
❼430	690679	1	Bolt (Oil Pump)
❸❼468	690690	1	Screw
❼479	807084	1	New Tractor Loose Parts Package 211-3 Only
❼523	693175	1	Dipstick
❼524	693172	1	Seal-Fill Tube
❼525	693174	1	Dipstick Tube
❼552A	690701	1	Bushing-Governor Crank
❼565	690682	1	Stud (Oil Filter)
❼596	691492	1	Screw
❼601	691038	1	Clamp-Hose
❼615	691550	1	Pin-Cotter
❼628	692062	1	Screw (Drive Cap)
❼650	692539	1	Screw
❼691	690680	1	Seal-Governor Shaft
❼788	691559	1	Bracket-Pump
❼816	690706	1	Washer

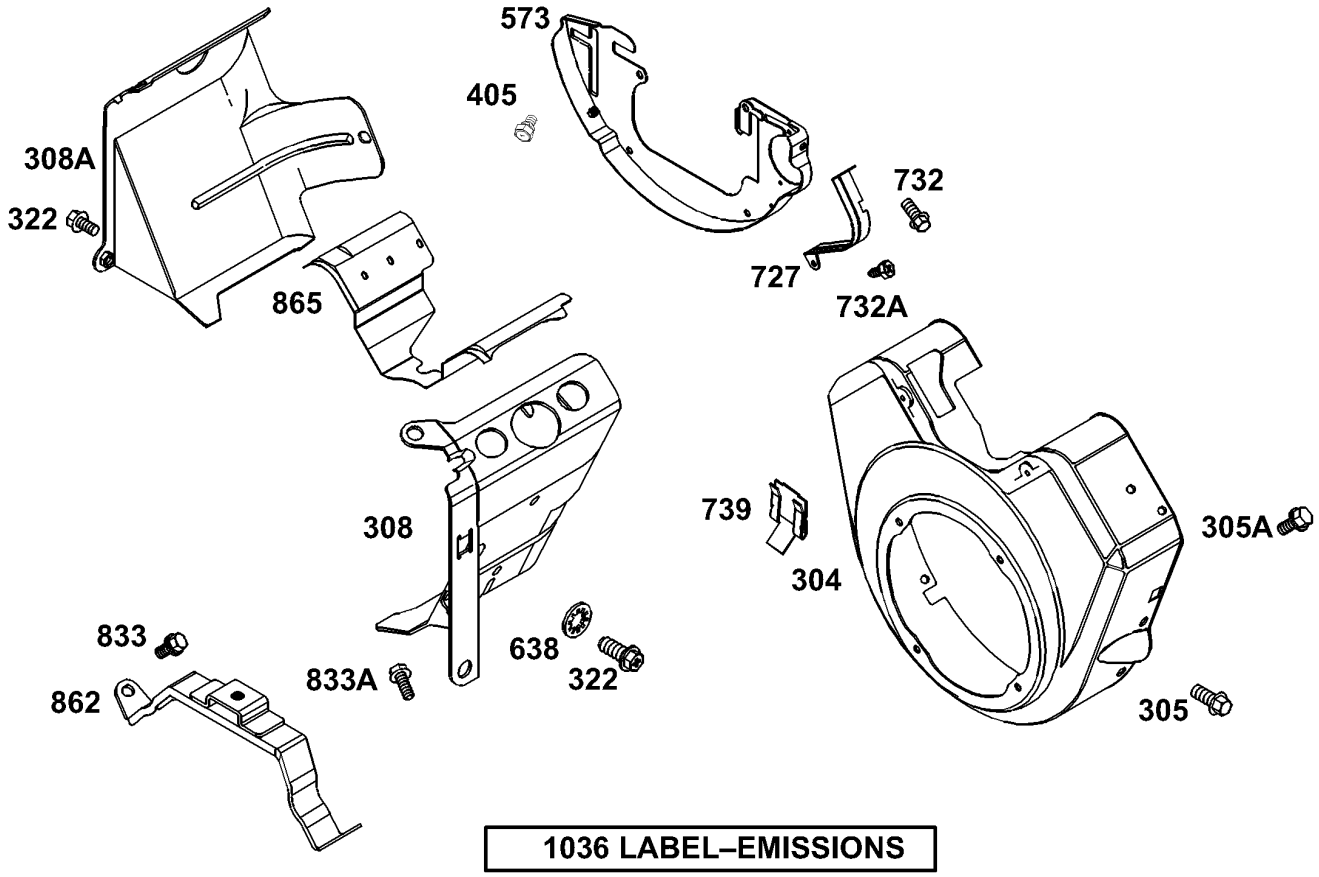
Ref	Part No.	Qty.	Description
❼918	393815	1	Hose-Fuel
❸❼988	692063	1	Oil Adapter Gasket
❼1017	690900	1	Screen-Oil Pump
❼1024	693185	1	Pump-Oil
❼1027	492932	1	Filter-Oil
❼1028	808235	1	Adapter-Oil Filter
❼1139	806497	1	Washer(Fuel Pump Bracket)



Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton Model 350447-1331-E1

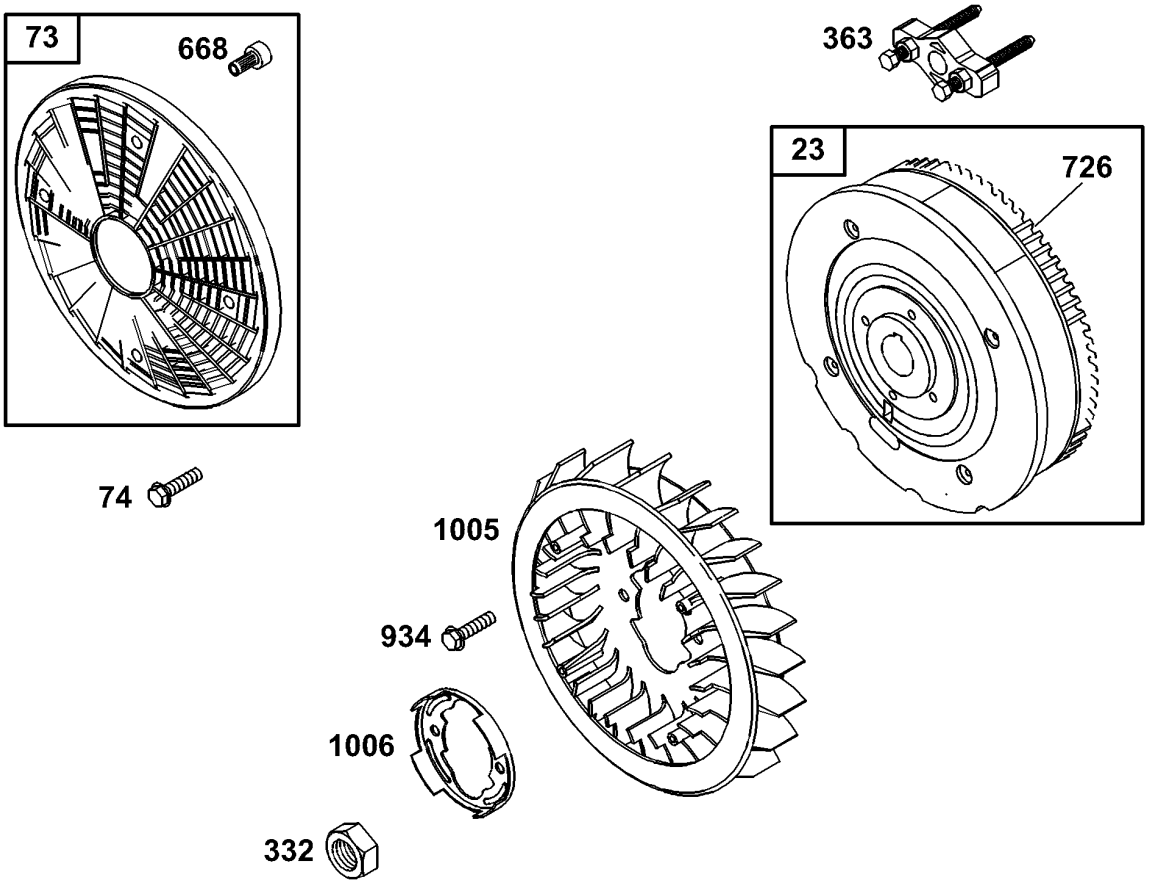
Ref	Part No.	Qty.	Description
❼161	691561	1	Base-Air Cleaner
❼163	692081	1	Air Cleaner Gasket
❼445	394018	1	Filter-Air
❼467	691985	1	Air Cleaner Knob
❼643	692079	1	Air Filter Retainer
❼711	692539	1	Screw
❼968	692097	1	Air Cleaner Cover
❼971	692537	1	Screw
❼996	691577	1	Shield-Carburetor



Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and Stratton Model 350447-1331-E1

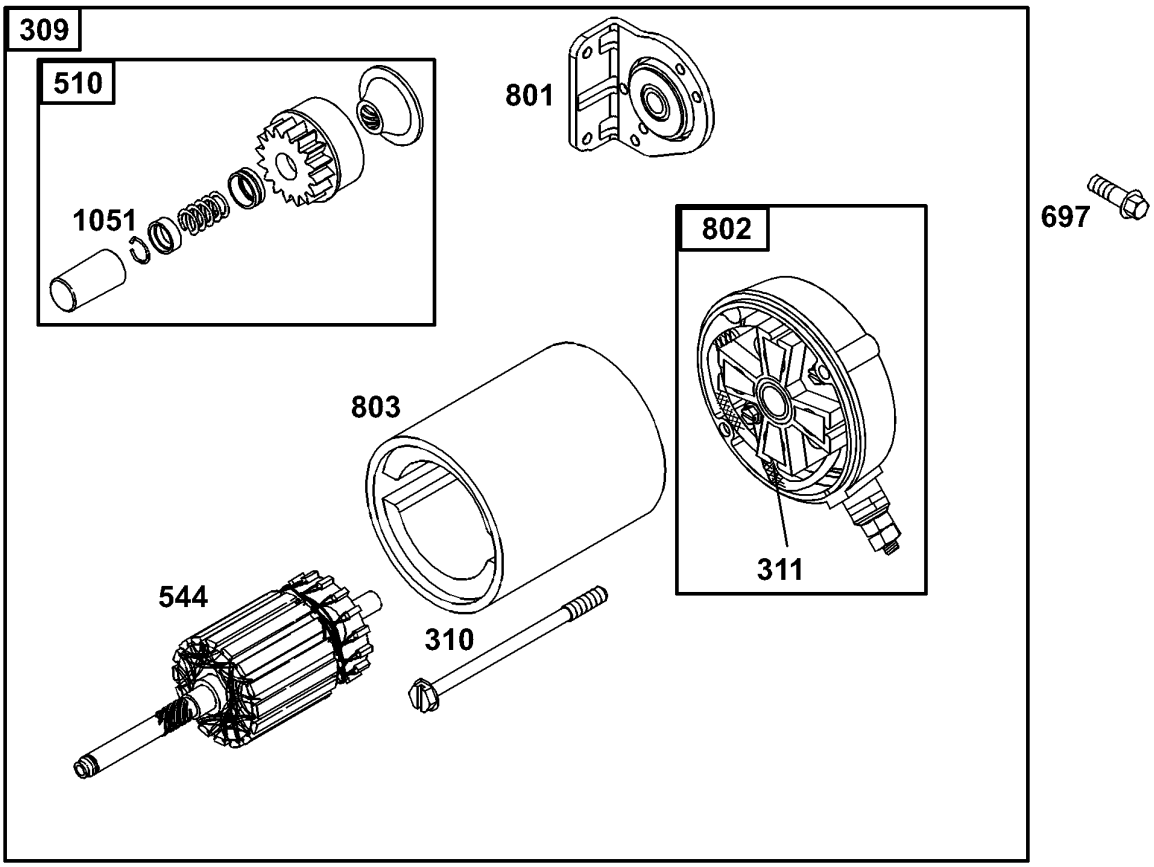
Ref	Part No.	Qty.	Description
❼304	690929	1	Blower Housing
❼305	692539	1	Screw
❼305A	692056	1	Screw (Blower Housing)
❼308	806547	1	Cylinder Head Cover (Cyl. #1)
❼308A	806546	1	Cylinder Head Cover (Cyl. #2)
❼322	692539	1	Screw
❼405	807163	1	Discontinued
❼573	690902	1	Back Plate
❼638	691551	1	Washer-Lock
❼727	690714	1	Shield-Starter
❼732	692539	1	Screw
❼732A	690688	1	Screw (Flywheel Guard)
❼739	690451	1	Debris Clip
❼833	692539	1	Screw
❼833A	690872	1	Screw
❼862	692153	1	Mount-Cleaner
❼865	690750	1	Cover-Air Guide
❼1036	806885	1	Emissions Label



Assemblies include all parts shown in frames.

Flywheel Assembly
Briggs and Stratton Model 350447-1331-E1

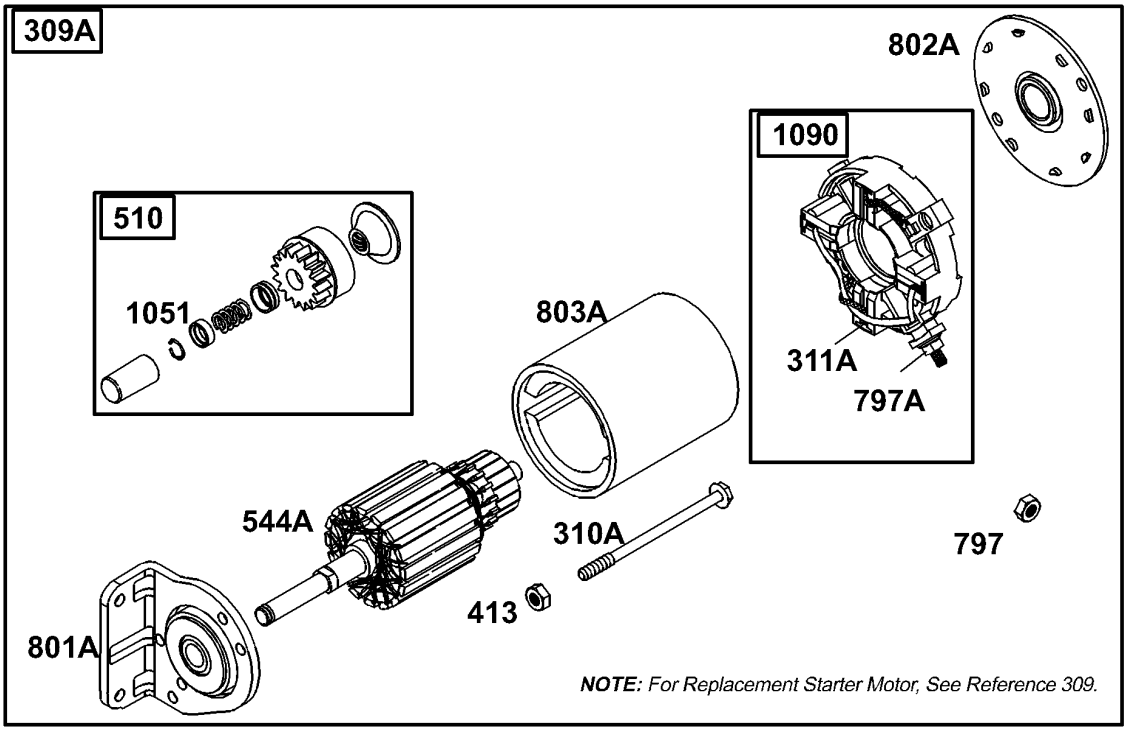
Ref	Part No.	Qty.	Description
❼23	808768	1	Flywheel
❼73	494439	1	Screen-Rotating
❼74	691647	1	Screw (Rotating Screen)
❼332	690887	1	Nut
❼363	19203	1	Puller-Flywheel
❼668	691500	1	Spacer
❼726		1	Ring Gear (Sold In Flywheel Kit Only, See Ref. 23)
❼934	691058	1	Screw (Fan Retainer)
❼1005	690911	1	Flywheel Fan
❼1006	690452	1	Retainer-Fan



Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton Model 350447-1331-E1

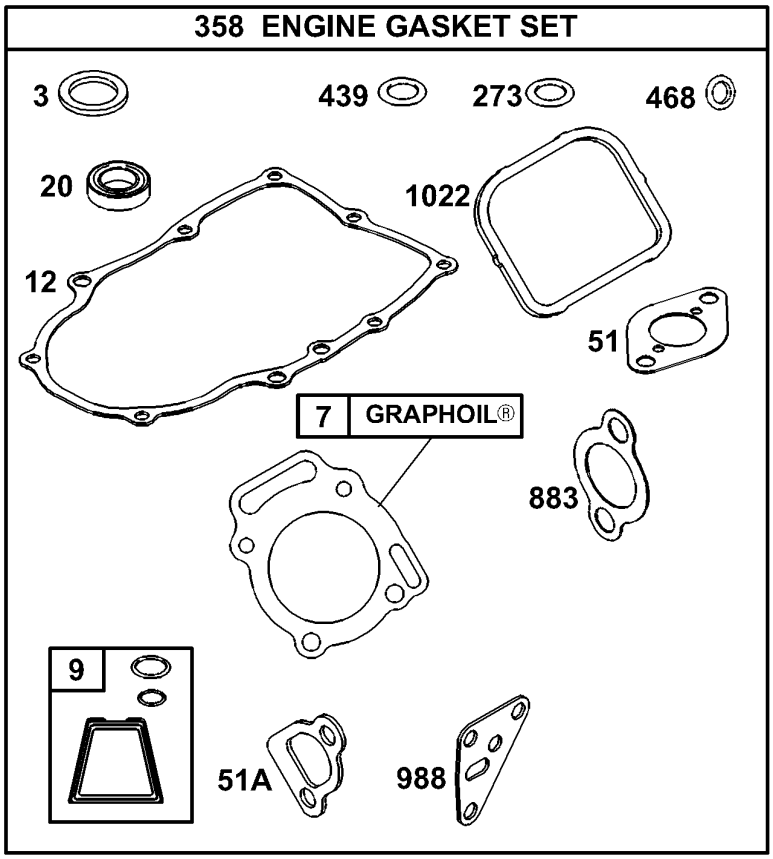
Ref	Part No.	Qty.	Description
❼309	691564	0	Motor-Starter
❼310	496880	1	Bolt-Thru
❼311	496887	1	Brush Set
❼510	496881	1	Drive-Starter
❼544	690855	1	Armature-Starter
❼697	692062	1	Screw (Drive Cap)
❼801	808778	1	Cap-Drive
❼802	496813	1	Bolt
❼803	690854	1	Housing-Starter
❼1051	691124	1	Lock Ring

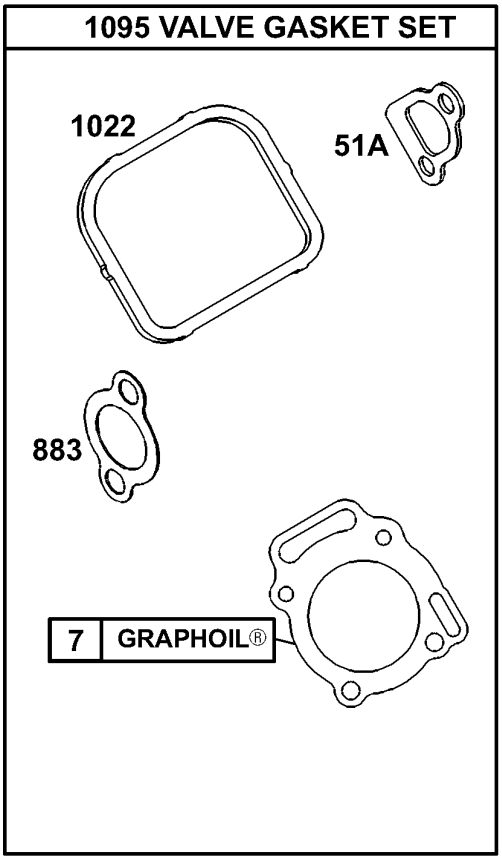


Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❼309A		0	Starter Motor (For Replacement Starter Motor, See Ref. 309)
❼310A	690323	1	Bolt (Starter Motor)
❼311A	497608	1	Brush Set
❼413	693587	1	Nut (Starter Motor)
❼510	496881	1	Drive-Starter
❼544A	693548	1	Armature-Starter
❼797	691029	1	Nut (Brush Retainer)
❼797A	693167	1	Nut (Brush Retainer)
❼801A	808777	1	Cap-Drive
❼802A	691286	1	Cap-End
❼803A	693547	1	Housing-Starter
❼1051	691124	1	Lock Ring
❼1090	691293	1	Retainer-Brush

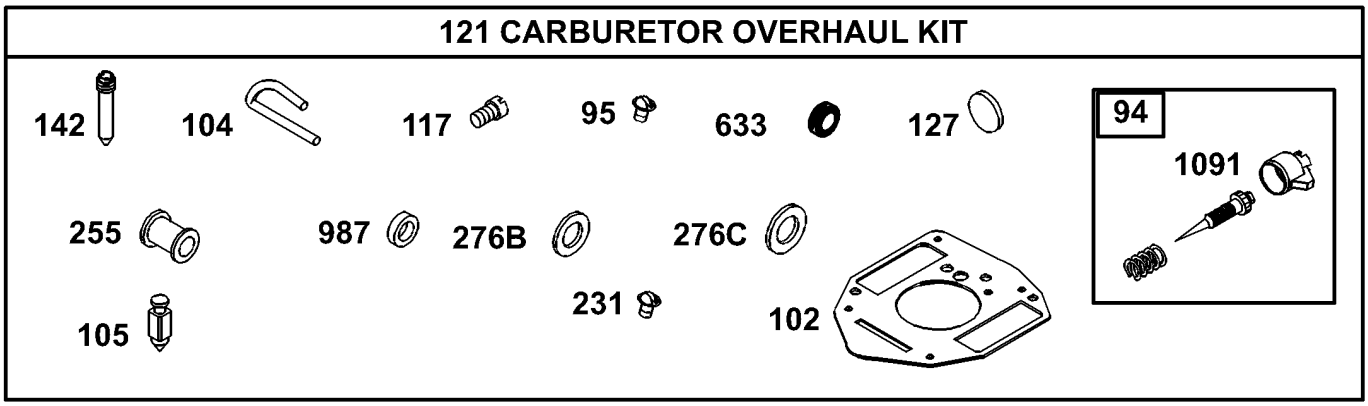




Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❸❼3	805101	1	Seal-Oil
❸❹7 ❼	690888	1	Cylinder Head Gasket
❸❼9	807688	1	Gasket-Breather
❸❼12	691684	1	Crankcase Gasket
❸❼20	805049	1	Seal-Oil
❸❼51	691694	1	Gasket-Intake
❸❼51A	692035	1	Gasket-Intake
❸❼273	690681	1	Seal-O Ring (Oil Pump)
❸❹276A ❼	691766	1	Sealing Washer
❼358	808389	1	Gasket Set
❸❼439	692154	1	O-Ring (Crankcase Cover)
❸❼468	690960	1	Screw (Blower Housing Support)
❸❹883 ❼	691613	1	Exhaust Gasket
❸❼988	692063	1	Oil Adapter Gasket
❸❹1022 ❼	806039	1	Gasket-Valve Cover
❼1095	808391	1	Kit-Valve Overhaul



Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description
❺❼94	808257	1	Idle Mixture Kit
❺❼95	690718	1	Screw (Throttle Valve)
❺❼102	692077	1	Gasket-Carburetorbody
❺❼104	690723	1	Pin-Float Hinge
❺❼105	692078	1	Float Needle Valve
❺❼117	806126	1	Jet-Main
❼121	808395	1	Carburetor Kit
❺❼127	690727	1	Plug-Welch
❺❼142	806128	1	Carburetor Nozzle
❺❼231	690718	1	Screw (Throttle Valve)
❺❼255	690721	1	Bushing-Choke Shaft
❺❼276B	690724	1	Sealing Washer
❺❼276C	806137	1	Washer
❺❼633	690722	1	Seal-Choke Shaft
❺❼987	806131	1	Seal-Shaft
❺❼1091	691516	1	Cap-Limiter

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