Form Number 3350-361

Greensmaster® 3100 2 Wheel Drive

Model No. 04356 - 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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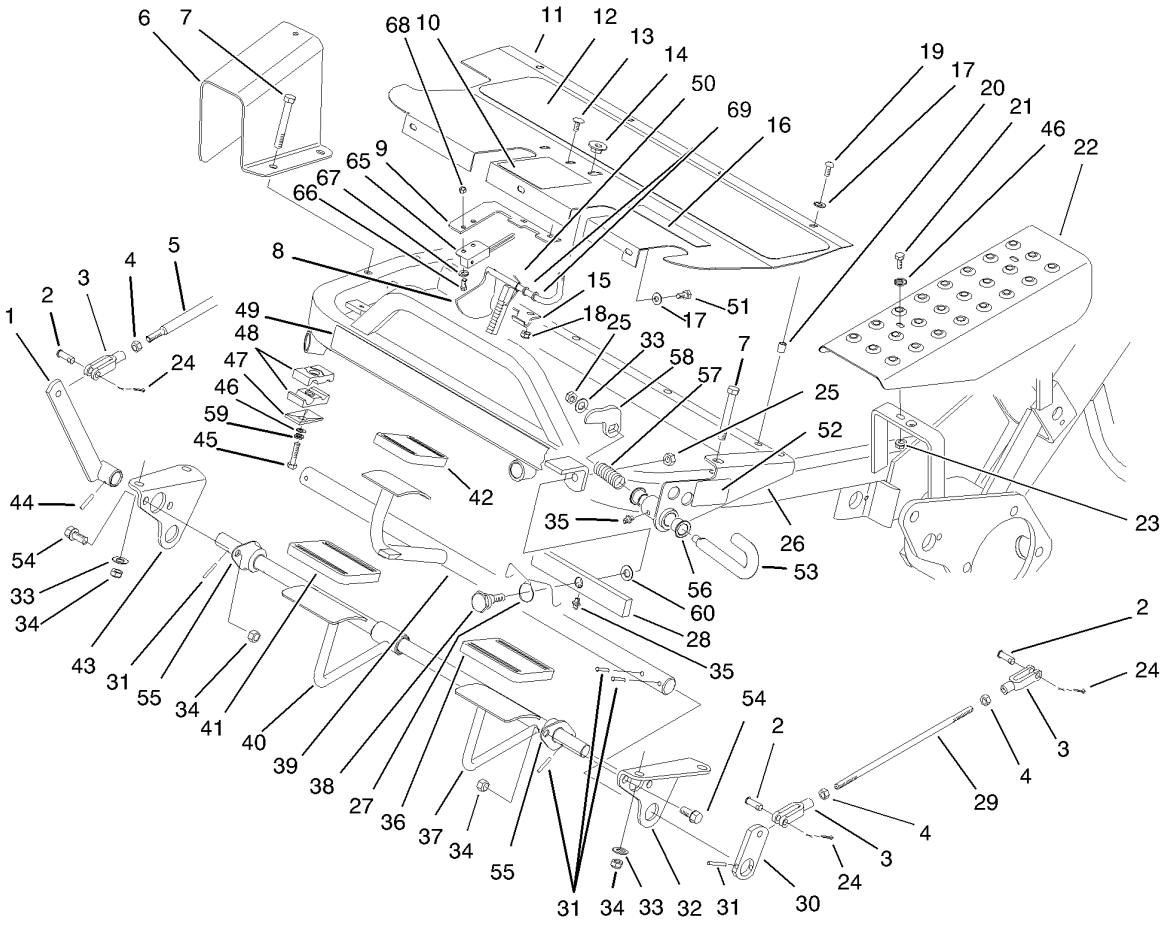
Part Description Abbreviations

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

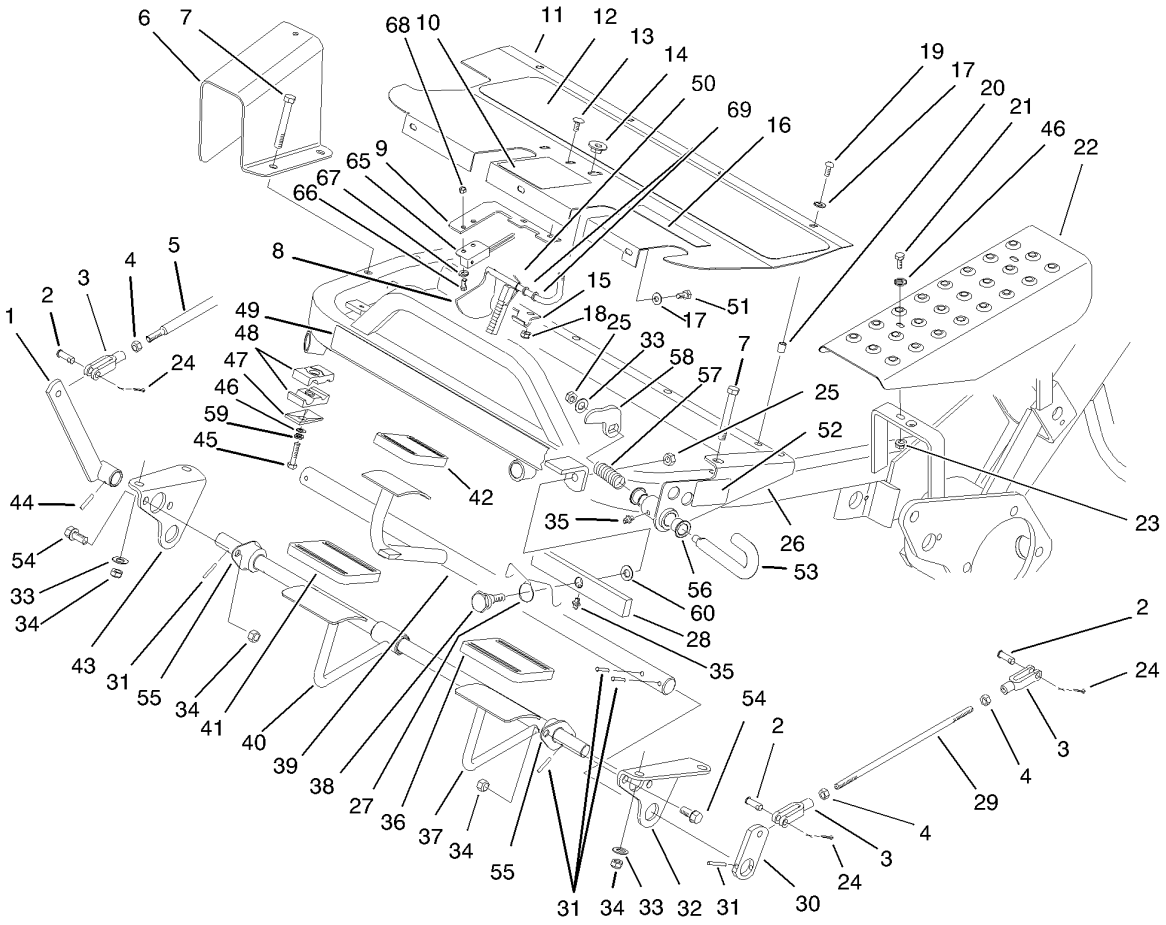
❶ Not illustrated
❷ Not serviced separately
❸ Included in Engine Gasket Set-Ref. 358.
❹ Included in Valve Gasket Set-Ref. 1095.
❺ Included in Carburetor Overhaul Kit-Ref. 121.
❻ Included in Valve Overhaul Gasket Set-Ref. 1095.
❼ Obtain parts from your local Briggs and Stratton dealer



Control Pedal Assembly

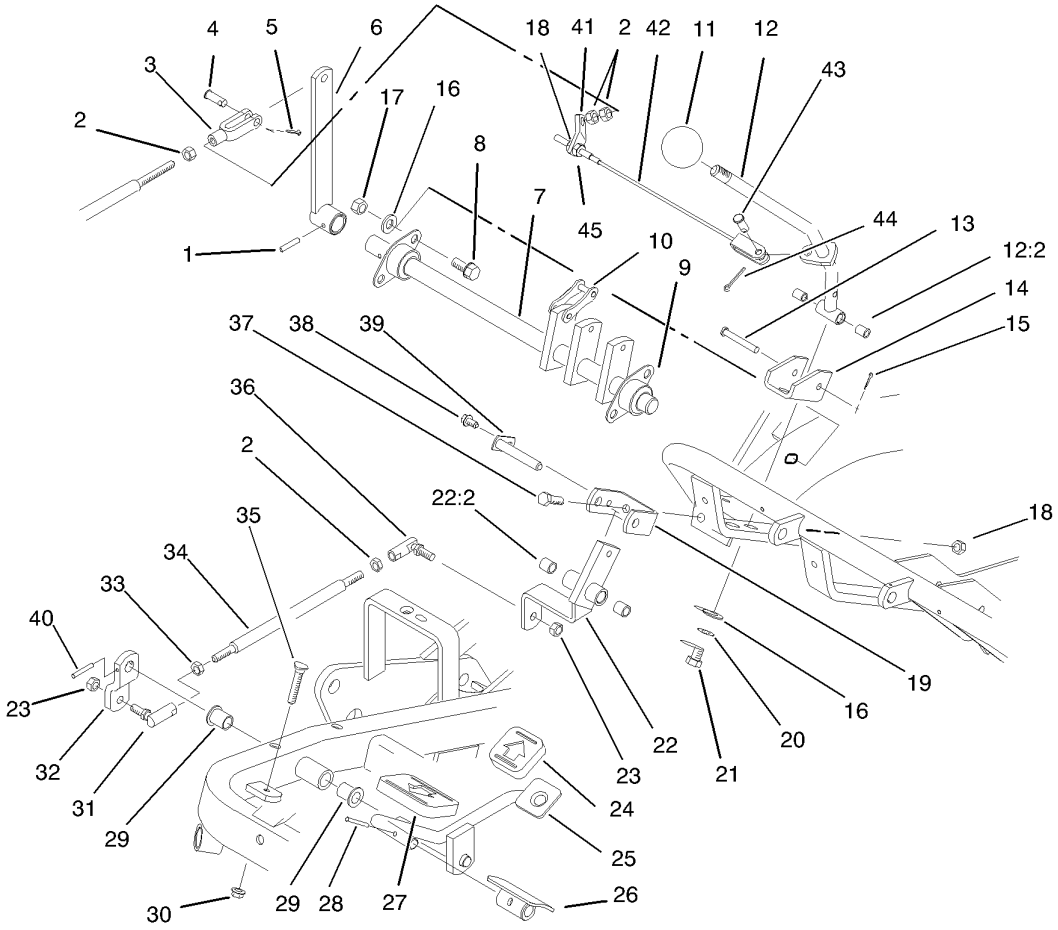
Ref	Part No.	Qty.	Description
1	49-6200-01	1	Lever-Cutting
2	283-61	5	Pin-Yoke
3	282-2	5	Yoke
4	3220-2	5	Nut
5	49-5430	1	Rod-Control
6	49-6110-01	1	Guard
7	323-13	4	Screw-HH
8	100-9819	1	Latch ASM
9	100-9821	1	Plate-Switch, Reed
10	93-8062	1	Decal-Brake, Parking
11	83-0640-01	1	Plate-Footrest
12	49-6120	1	Pad-Footrest
13	3229-11	2	Screw-CARR
14	32141-111	1	Nut-Adjusting
15	95-1629	1	Hinge-Lower
16	93-8075	1	Decal-Mow/lift
17	3256-1	7	Washer-Flat
18	3296-16	2	Nut-Lock, NI
19	3274-31	4	Screw-HSBH
20	32148-6	8	Insert-Nut
21	321-4	2	Screw-HH
22	83-0200-01	1	Plate-Cover, LH
23	32128-33	2	Nut-HF
24	3272-6	5	Pin-Cotter

Ref	Part No.	Qty.	Description
25	3296-39	2	Nut-Lock, NI
26	93-9901-01	1	Bracket-Lockout, Mow
27	83-0080	1	Spring-Pivot, Lift
28	106-6396	1	Lift-Pivot
29	27-2270	2	Rod-Adjustment, Brake
30	10-8100-01	2	Strap-Shaft, Brake
31	32121-35	8	Pin-Roll
32	88-9640-01	1	Bracket-Lift Pivot, LH
33	3256-24	5	Washer-Flat
34	3296-59	8	Nut-Lock, NI
35	302-5	2	Fitting-Grease
36	93-7631	1	Pad-Foot, Lift
37	106-6395	1	Cutting Control Shaft ASM
38	83-2590	1	Bolt-Shoulder, Pivot
39	83-0160	1	Shaft-Brake
40	106-6394	1	Mow Pedal ASM
41	93-7630	1	Pad-Foot
42	93-7629	1	Pad-Foot, Brake
43	88-9630-01	1	Bracket-Lift Pivot, RH
44	32121-6	1	Pin-Roll
45	321-11	1	Screw-HH
46	3256-22	3	Washer-Flat
47	69-9760	1	Coverplate
48	56-7970	2	Clamp-Tube



Control Pedal Assembly (continued)

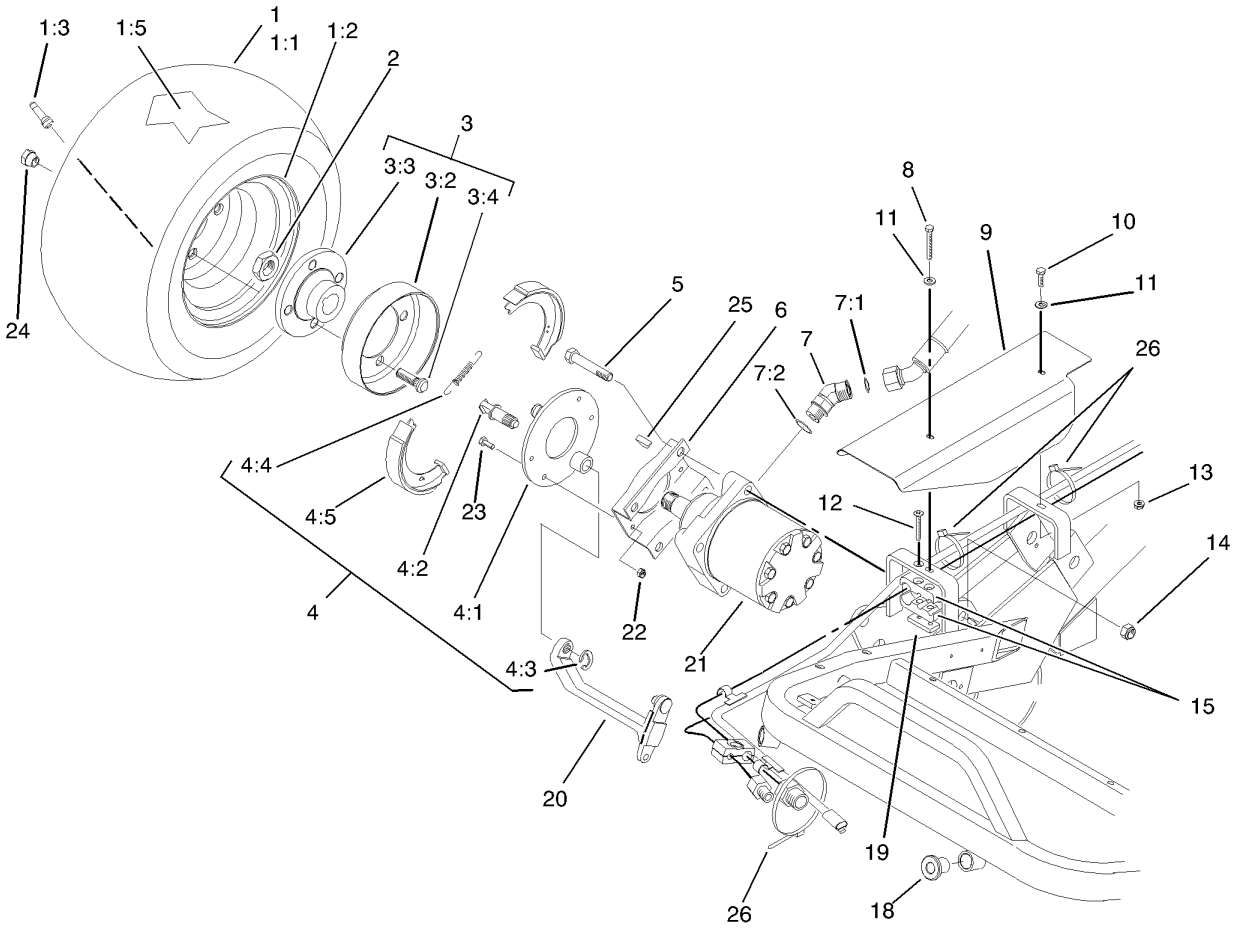
Ref	Part No.	Qty.	Description
49	88-9620	1	Decal
50	10-8140	1	Spring-Latch, Brake
51	321-3	3	Screw-HH
52	93-9898	1	Decal-Lock
53	93-9903	1	Pin-Mow, Lockout
54	3234-1	4	Screw-HHF
55	27-2320	2	Bearing
56	3-1506	2	Bushing
57	76-0410	1	Spring-Compression
58	93-9904	1	Arm-Mow, Lockout
59	3253-3	1	Washer-Lock
60	80-7730	1	Spacer
65	104-2057	1	Sensor
66	48-7620	2	Screw-HH
67	33093-00	2	Washer-Flat
68	49-7810	2	Nut-Lock
69	75-5470	2	Spacer-Bearing
❶99	93-6691	3	Decal-Bolt, Eccentric



Traction Controls Assembly

Ref	Part No.	Qty.	Description
1	32121-6	1	Pin-Roll
2	3220-2	4	Nut
3	282-2	1	Yoke
4	283-61	1	Pin-Yoke
5	3272-6	1	Pin-Cotter
6	47-5320-01	1	Lever
7	44-0870	1	Cam Shaft ASM
8	3234-1	4	Screw-HHF
9	27-2320	2	Bearing
10	57-6220	5	Link-Connecting
11	233-48	1	Knob
12	93-9934	1	Handle-Traction
12:2	256-251	2	Bushing
13	283-57	1	Pin
14	49-6220	1	Bracket-Arm, Control
15	3272-4	1	Pin-Cotter
16	3256-24	6	Washer-Flat
17	3296-59	4	Nut-Lock, NI
18	3296-29	3	Nut-Lock, NI
19	49-6250	1	Bracket-Pivot
20	3254-6	2	Washer-Lock, Internal
21	3211-2	2	Screw-HH
22	49-6260	1	Pivot ASM
22:2	256-2	2	Bushing

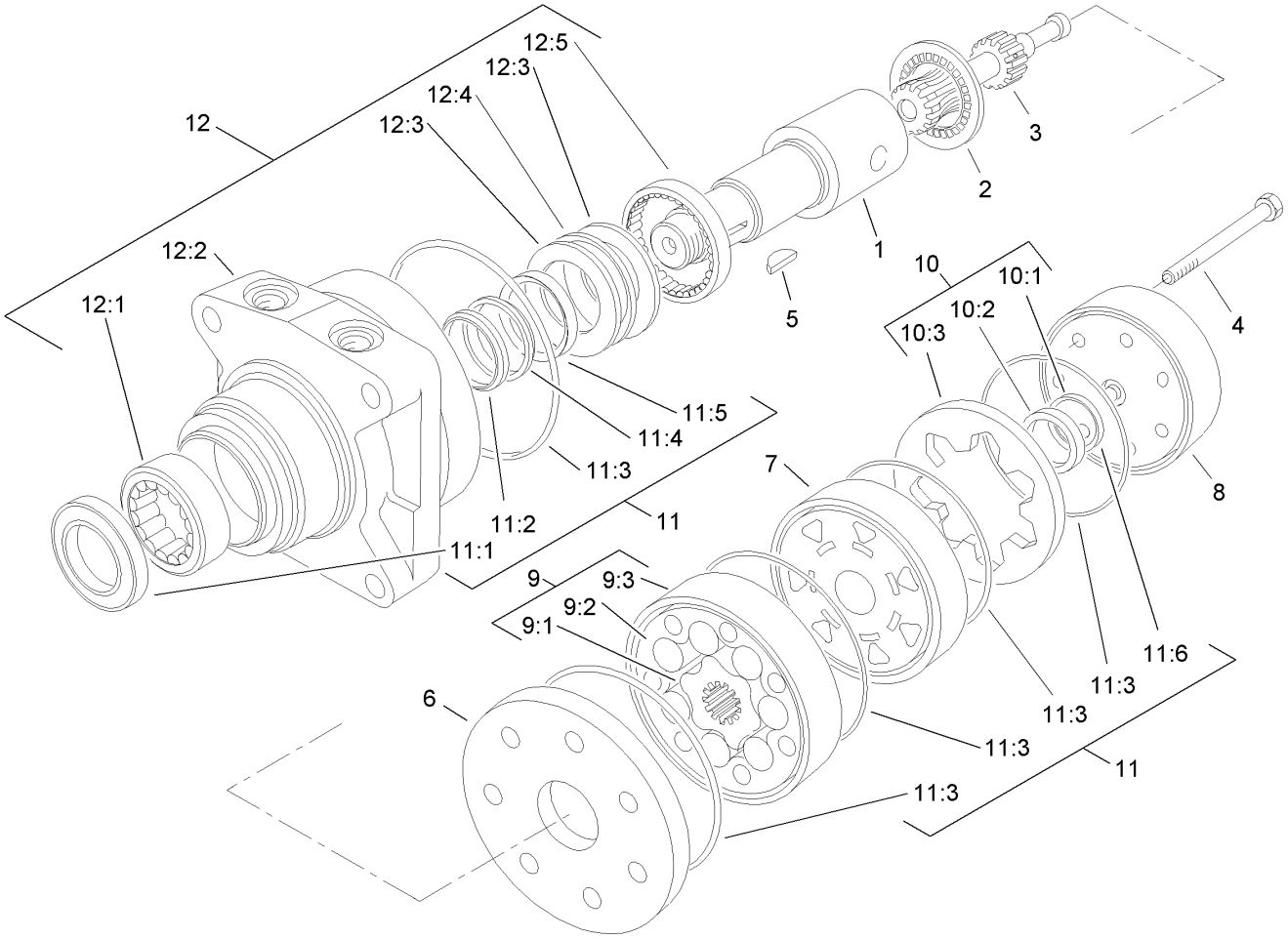
Ref	Part No.	Qty.	Description
23	3296-4	2	Nut-Lock, NI
24	74-9110	1	Pad-Pedal, Reverse
25	83-0540-01	1	Traction Pedal ASM
26	49-6440-03	1	Pedal-Forward
27	74-9100	1	Pad-Pedal, Forward
28	32121-45	1	Pin-Spring
29	256-155	2	Bushing-Flange
30	32128-20	1	Nut-HF
31	2411-42	1	Joint-Ball, LH
32	83-0630	1	Arm-Pivot, Traction
33	3220-20	1	Nut-Jam
34	83-0580	1	Rod-Control, Traction
35	17-9420	1	Screw-Handle
36	2411-43	1	Joint-Ball
37	322-5	2	Screw-HH
38	12-3270	1	Screw
39	49-6290	1	Pivot Shaft ASM
40	32121-51	1	Pin-Roll
41	93-9936	1	Bracket-Return, Traction
42	93-9937	1	Traction Cable ASM
43	283-62	1	Pin-Clevis
44	3272-10	1	Pin-Cotter
45	3217-6	1	Nut-Hex



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
4:1	70-9870	1	Plate-Backing
4:2	104-7707	1	Shaft-Cam, Brake
4:3	104-7706	1	E Ring-Bowed
4:4	70-9880	2	Spring-Return
4:5	70-9840	2	Shoe-Brake
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	321-11	1	Screw-HH
9	83-0190-01	1	Cover-RH
10	321-4	1	Screw-HH

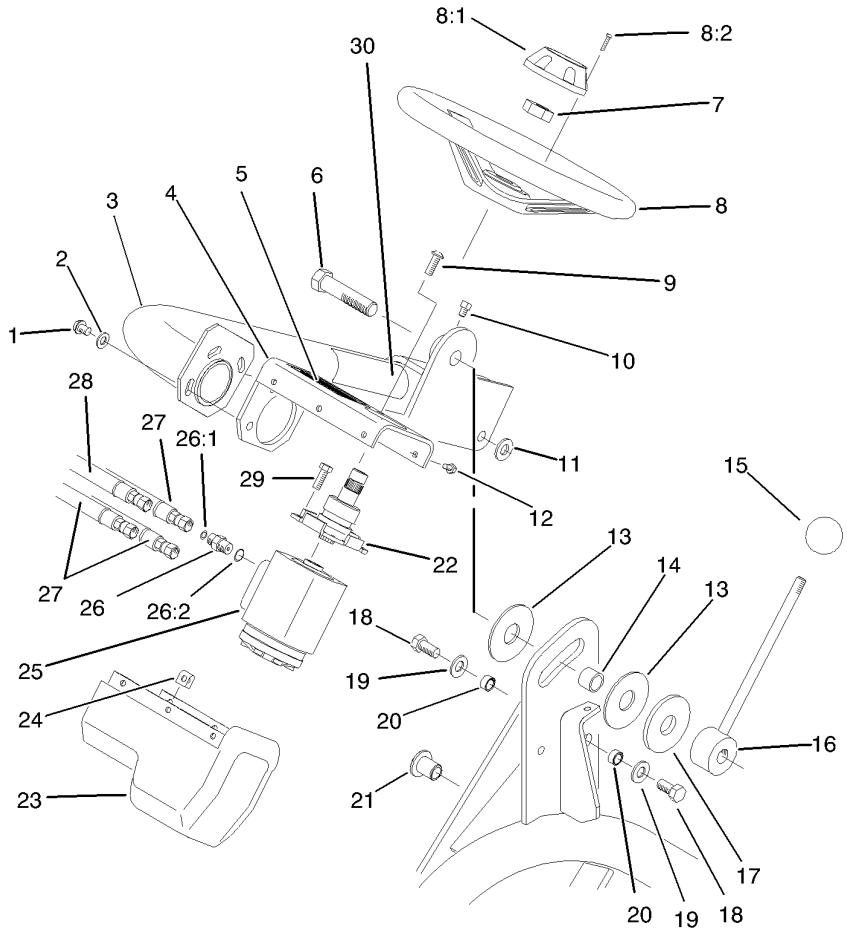
Ref	Part No.	Qty.	Description
11	3256-22	2	Washer-Flat
12	32108-100	1	Screw-FH
13	32128-33	1	Nut-HF
14	3296-23	8	Nut-Lock, NI
15	57-6140	2	Clamp-Tube, Half
18	83-1700	2	Bushing-Flange
19	83-1220	1	Plate-Clamp
20	93-2096	2	Lever-Brake
21	92-9199	2	Motor-Wheel, HYD
22	3296-42	8	Nut-Lock, NI
23	321-5	8	Screw-HH
24	242-50	8	Nut-Lug
25	3257-42	2	Key-Woodruff
26	3290-378	3	Tie-Cable



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

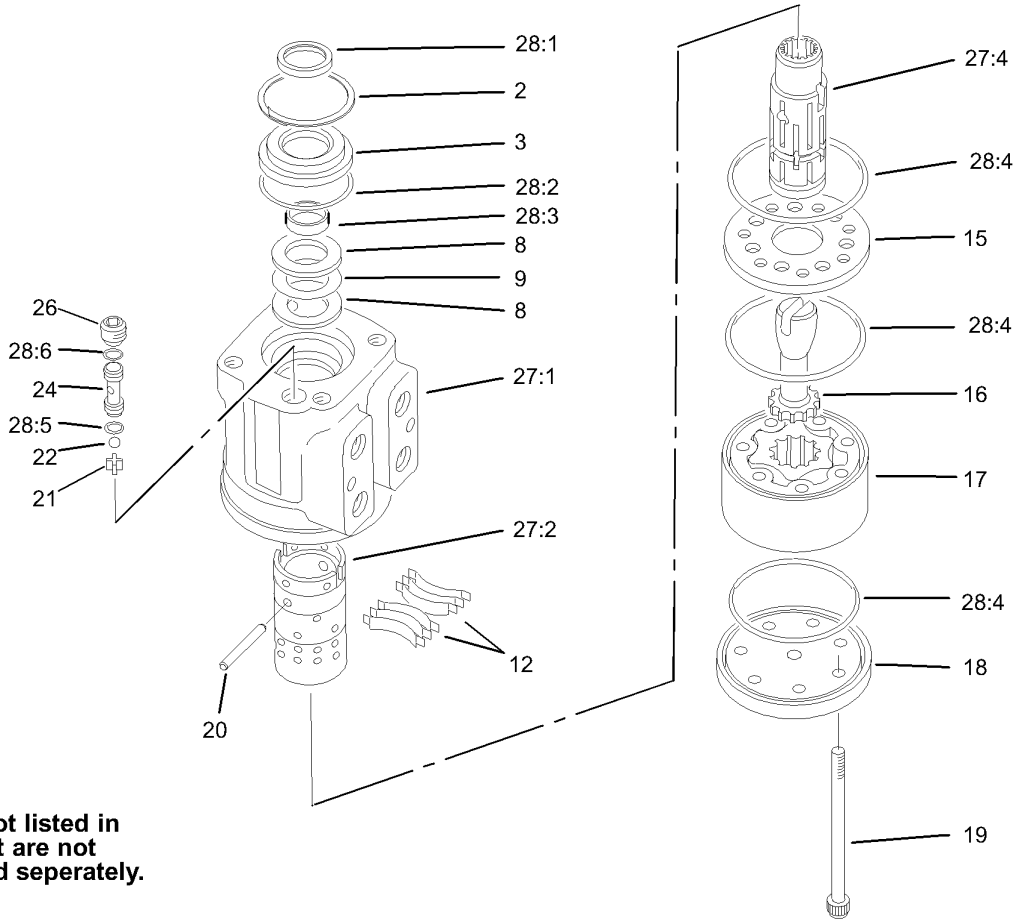
Ref	Part No.	Qty.	Description
❷12:1		1	Bearing
❷12:2		1	Housing
❷12:3		2	Washer-Thrust
❷12:4		1	Bearing-Thrust
❷12:5		1	Bearing



Steering Arm Assembly

Ref	Part No.	Qty.	Description
1	3274-80	3	Screw-HH
2	3256-80	3	Washer-Flat
3	83-0650-01	1	Arm-Steering
4	83-0780-03	1	Support-Valve, Steering
5	93-8063	1	Decal-Caution, Ce
5	104-2053	1	Decal-Warning
6	83-0750	1	Capscrew-Hh, LH Thread
7	107-2561	1	Nut-Hex
8	68-5130	1	Wheel-Steering
8:1	68-5140	1	Cap-Wheel, Steering
8:2	32144-21	1	Screw
9	3274-63	2	Screw-HSBH
10	3242-2	1	Screw-SQH
11	65-6390	1	Washer-Thrust, Plain
12	3274-39	6	Screw-HSBH
13	83-0740	2	Disc-Friction
14	83-0730	1	Spacer-Lockup
15	233-48	1	Knob
16	83-0700-03	1	Handle-Lockup
17	83-0760	1	Spacer-Plate, Lockup
18	325-4	2	Screw-HH
19	3256-26	2	Washer-Flat
20	47-2890	2	Bushing
21	83-1700	1	Bushing-Flange

Ref	Part No.	Qty.	Description
22	83-1420	1	Column-Steering
23	83-0810	1	Cover-Steering
24	3290-277	6	Nut-Speed
25	92-8690	1	Steering Control Valve ASM
26	340-1	4	Adapter
26:1	237-21	1	O-Ring
26:2	237-42	1	O-Ring
27	83-1350	3	Hose-HYD
28	83-1360	1	Hose-HYD
29	323-4	2	Screw-HH
30	93-8068	1	Decal-Arm, Steering

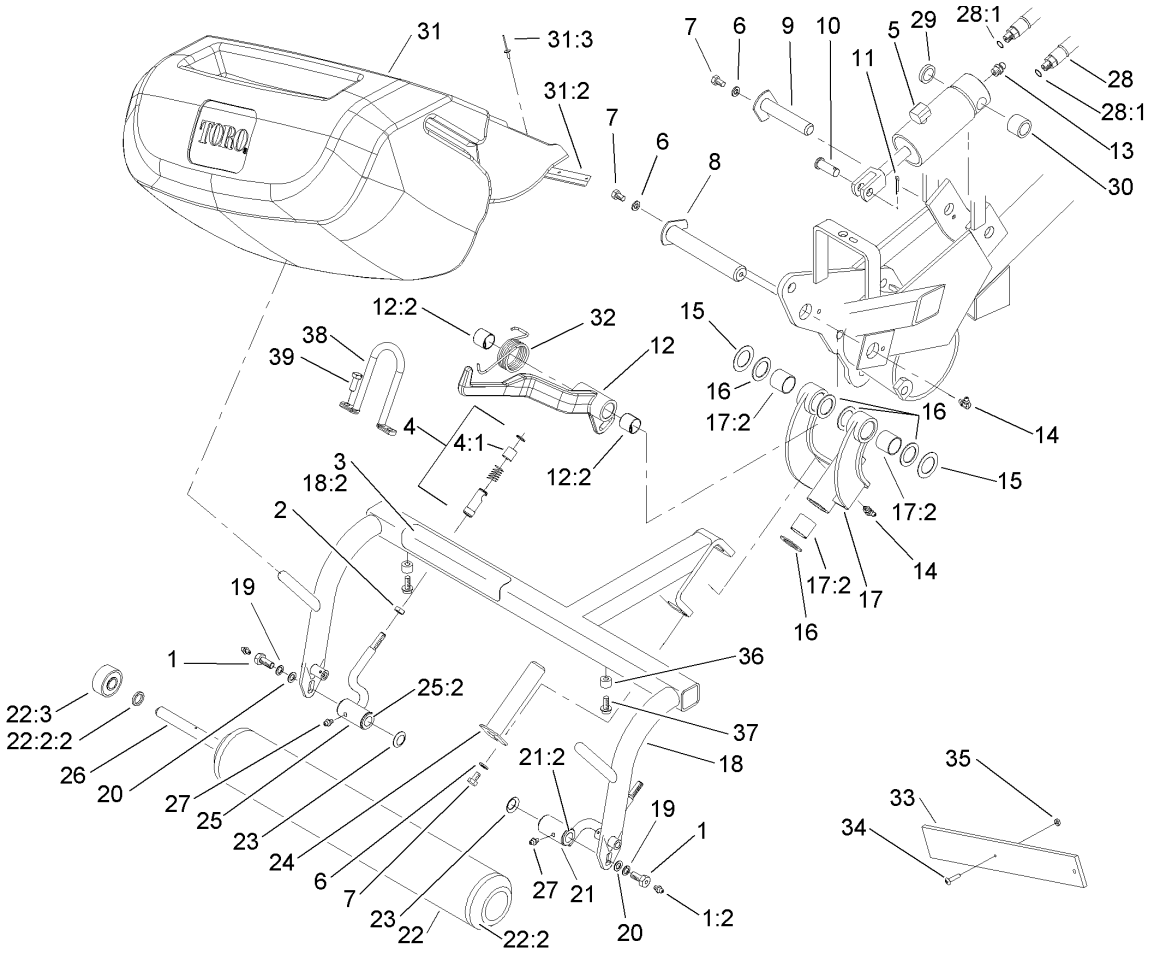


Parts not listed in partslist are not serviced seperately.

Power Steering Valve Assembly No. 92-8690

Ref	Part No.	Qty.	Description
2	52-9230	1	Ring-Retaining
3	92-8691	1	Bushing
8	59-6730	2	Race
9	59-6740	1	Bearing
12	83-1860	1	Kit-Centering, Spring
15	92-8697	1	Plate-Wear
16	70-8250	1	Drive
17	83-1870	1	Gerotor Sub ASM
18	92-8694	1	Cap-End
19	92-8696	7	Screw-Head, Torx
20	59-6830	1	Centering Pin Kit
21	52-9290	1	Retainer-Checkball
22	52-9280	1	Checkball
24	52-9270	1	Seat-Checkball
26	52-9260	1	Screw-Set
27	83-1880	1	Control Parts ASM
❷27:1		1	Housing
❷27:2		1	Sleeve-Control
❷27:4		1	Spool-Control
28	92-9749	1	Seal Kit
❷28:1		1	Seal-Dust
❷28:2		1	O-Ring
❷28:3		1	O-Ring
❷28:4		3	O-Ring

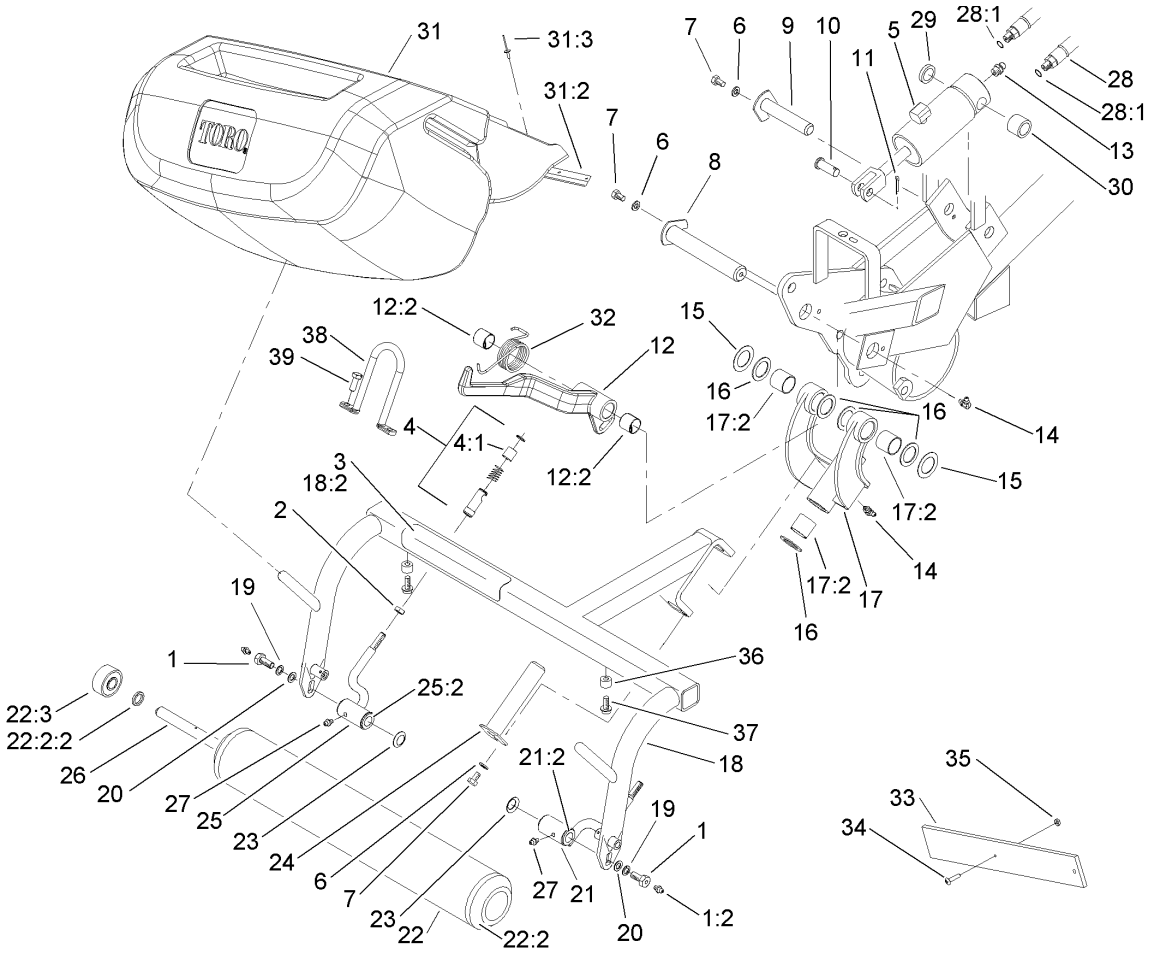
Ref	Part No.	Qty.	Description
❷28:5		1	O-Ring
❷28:6		1	O-Ring



Right Hand Pull Frame Assembly

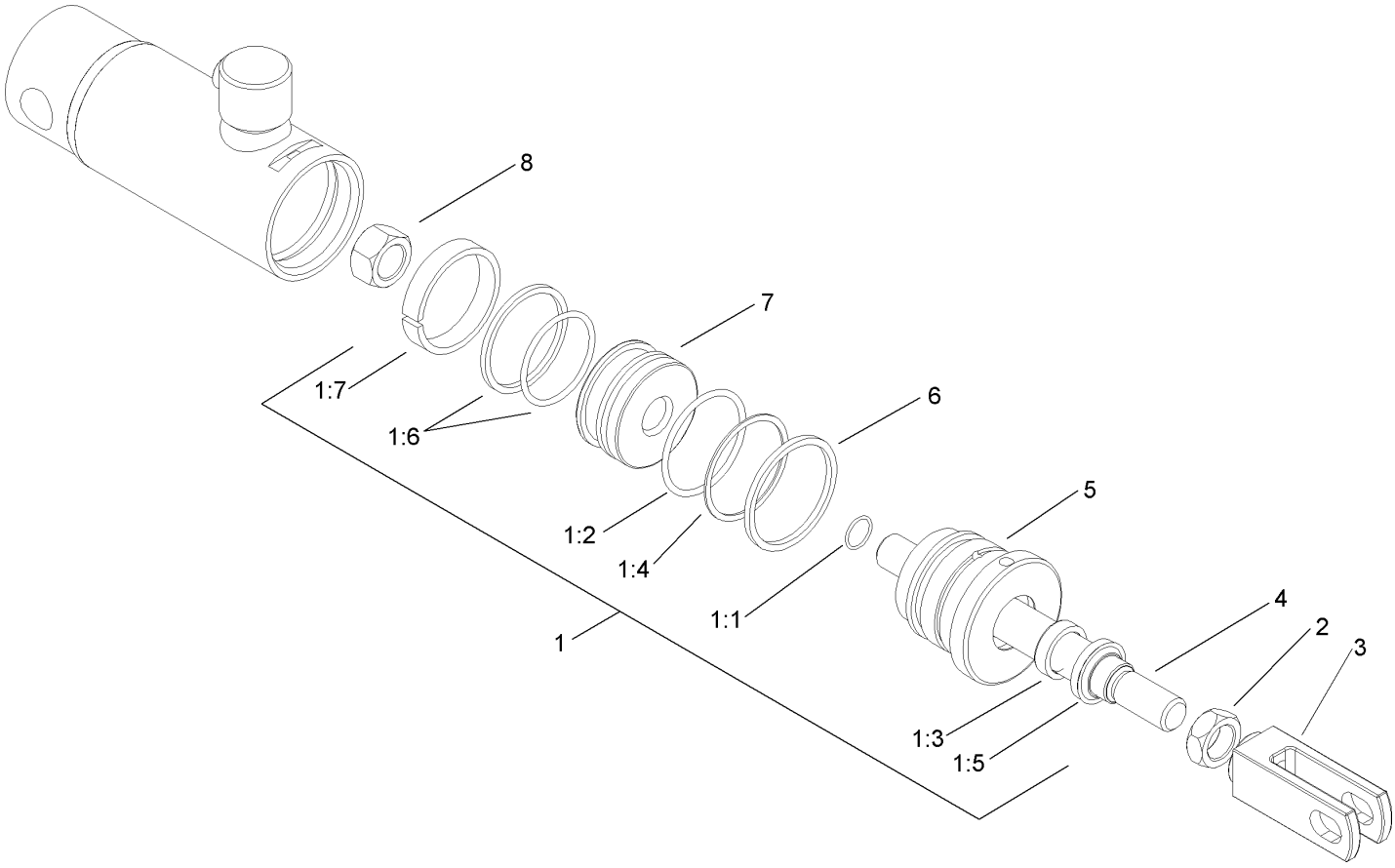
Ref	Part No.	Qty.	Description
1	11-0160	2	Roller Shaft Screw ASM
1:2	302-5	1	Fitting-Grease
2	3220-3	2	Nut-Jam
3	93-8064	1	Decal-Danger, Ce
4	99-1460	2	Ball Joint Receiver ASM
4:1	99-1461	1	Sleeve-Joint, Ball
5	106-9066	1	HYD Cylinder ASM
6	3256-23	3	Washer-Flat
7	322-1	3	Screw-HH
8	10-6110	1	Pin-Hinge
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
12:2	3-0348	2	Bushing
13	302-2	1	Fitting-Grease
14	302-60	2	Fitting-Grease
15	5-1226	2	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
19	3253-21	2	Washer-Lock

Ref	Part No.	Qty.	Description
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	92-9767	2	Hose
28:1	237-78	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	106-9078	1	Spring-Torsion, RH
33	65-8320	1	Bar-Gauge
34	32122-22	1	Screw-HH
35	3219-14	1	Nut-Hex



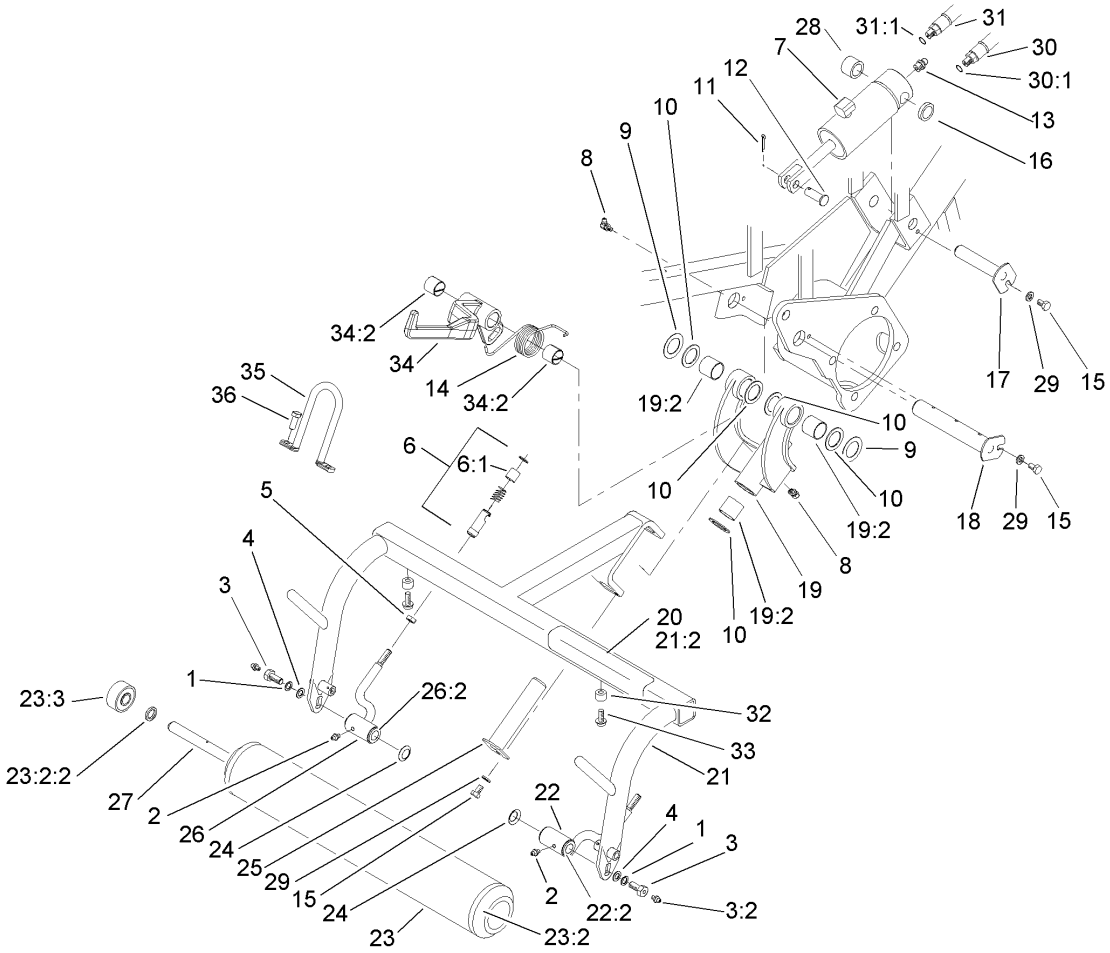
Right Hand Pull Frame Assembly (continued)

Ref	Part No.	Qty.	Description
36	94-4548	2	Bumper-Recessed
37	32144-44	2	Screw-HWH
38	105-5740	1	Hook-Lift
39	33115-025	2	Screw-HH



Hydraulic Cylinder Assembly No. 106-9066

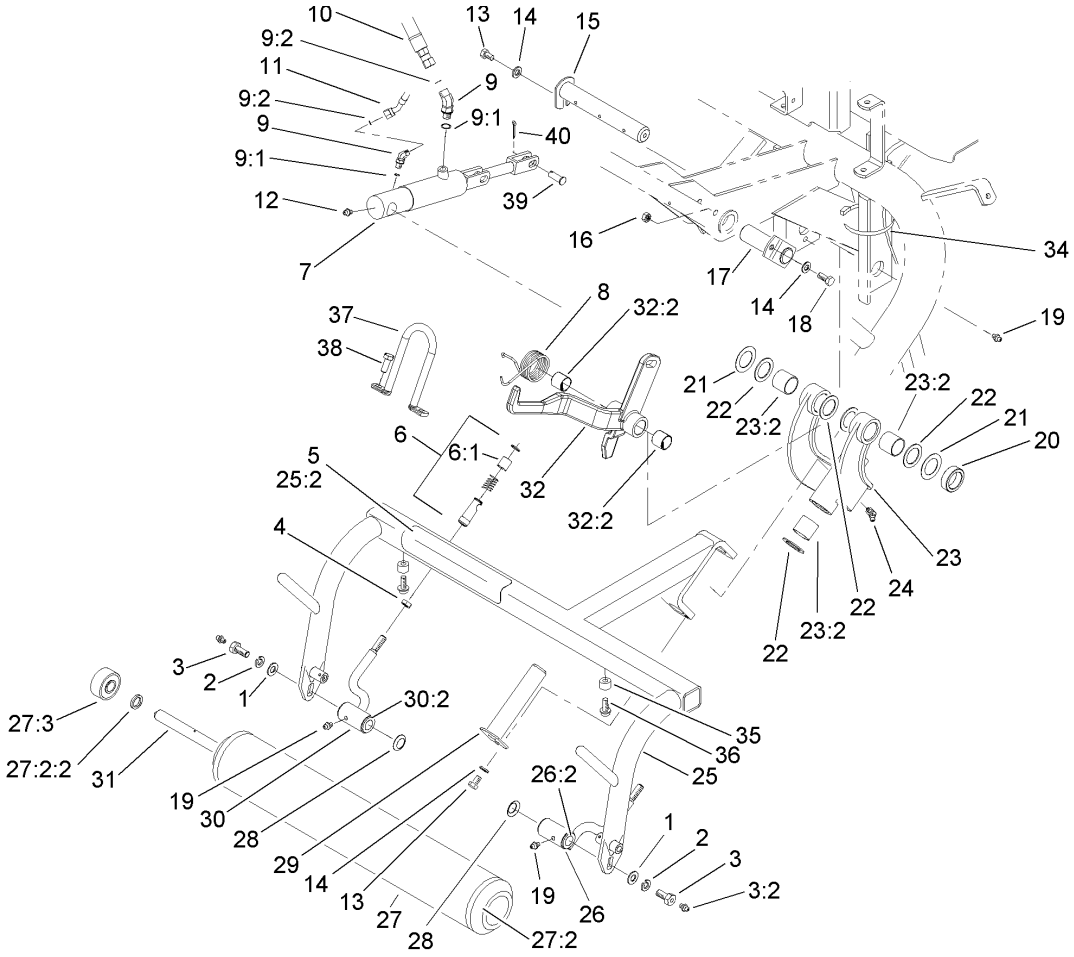
Ref	Part No.	Qty.	Description
1	107-2564	1	Seal Kit
❷1:1		1	O-Ring
❷1:2		1	O-Ring
❷1:3		1	Seal
❷1:4		1	Back-Up
❷1:5		1	Wiper
❷1:6		1	Seal W/o-Ring
❷1:7		1	Ring-Wear
2	3220-6	1	Nut-Jam
3	106-9065	1	Clevis-Cylinder
❷4		1	Rod
❷5		1	Head
❷6		1	Ring-Retaining
❷7		1	Piston
❷8		1	Locknut



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	2	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	106-9079	1	Spring-Torsion, LH
15	322-1	3	Screw-HH
16	105-3828	1	Spacer
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
20	93-8064	1	Decal-Danger, Ce
21	104-2054	1	Left Pull Frame ASM

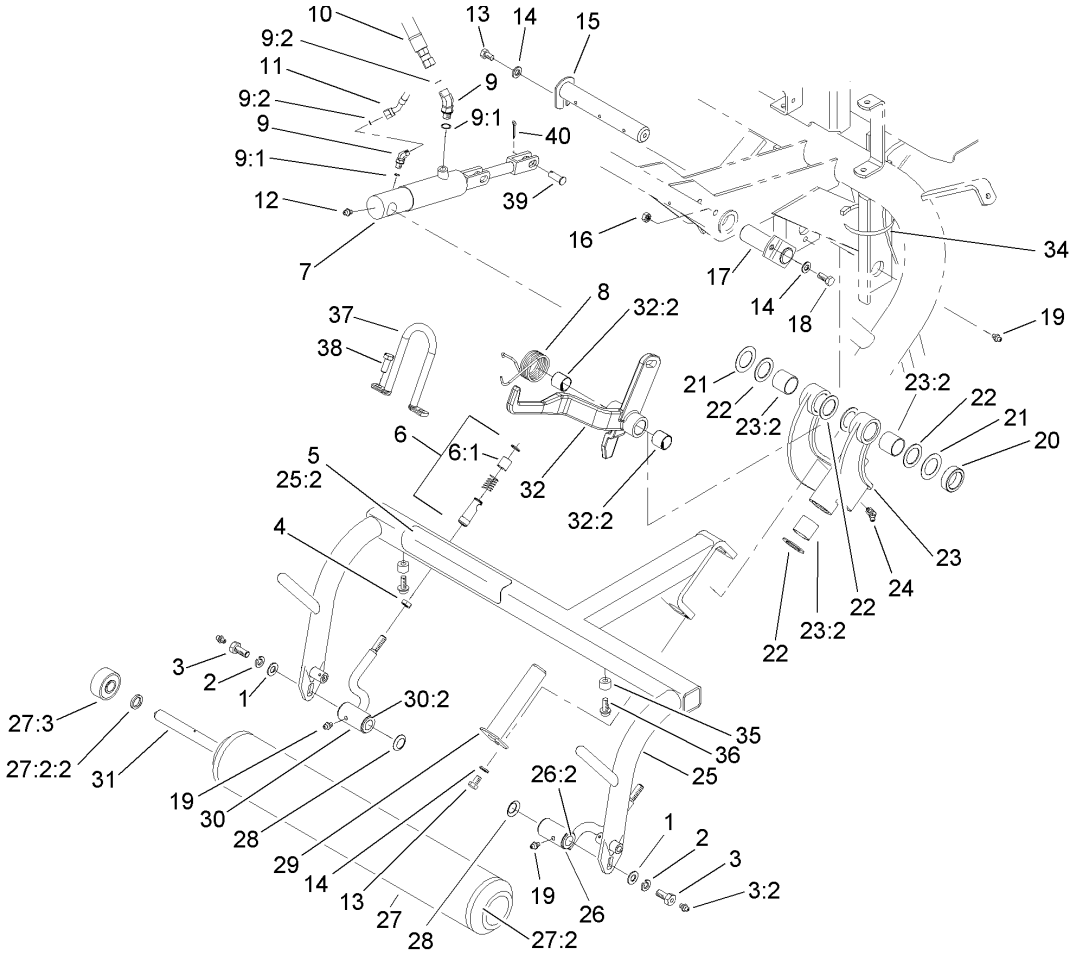
Ref	Part No.	Qty.	Description
21:2	62-5070	1	Decal-Warning
22	92-0586	1	Pull Arm ASM
22:2	3-1506	2	Bushing
23	99-4277	1	Roller ASM
❷23:2		2	Hub Yoke ASM
23:2:2	253-83	1	Seal-Oil
23:3	251-141	2	Bearing-Ball
24	3290-317	2	Washer-Spring
25	10-6090	1	Pin-Pivot
26	92-0585	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	21-8470	1	Shaft-Roller
28	74-3730	1	Spacer-Spindle, Rear
29	3256-23	3	Washer-Flat
30	83-1690	1	Hose-HYD
30:1	237-78	1	O-Ring
31	63-3850	1	Hose ASM
31:1	237-78	1	O-Ring
32	94-4548	2	Bumper-Recessed
33	32144-44	2	Screw-HWH
34	107-2598	1	LH Lift Arm ASM
34:2	3-0348	2	Bushing
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH



Rear Pull Frame Assembly

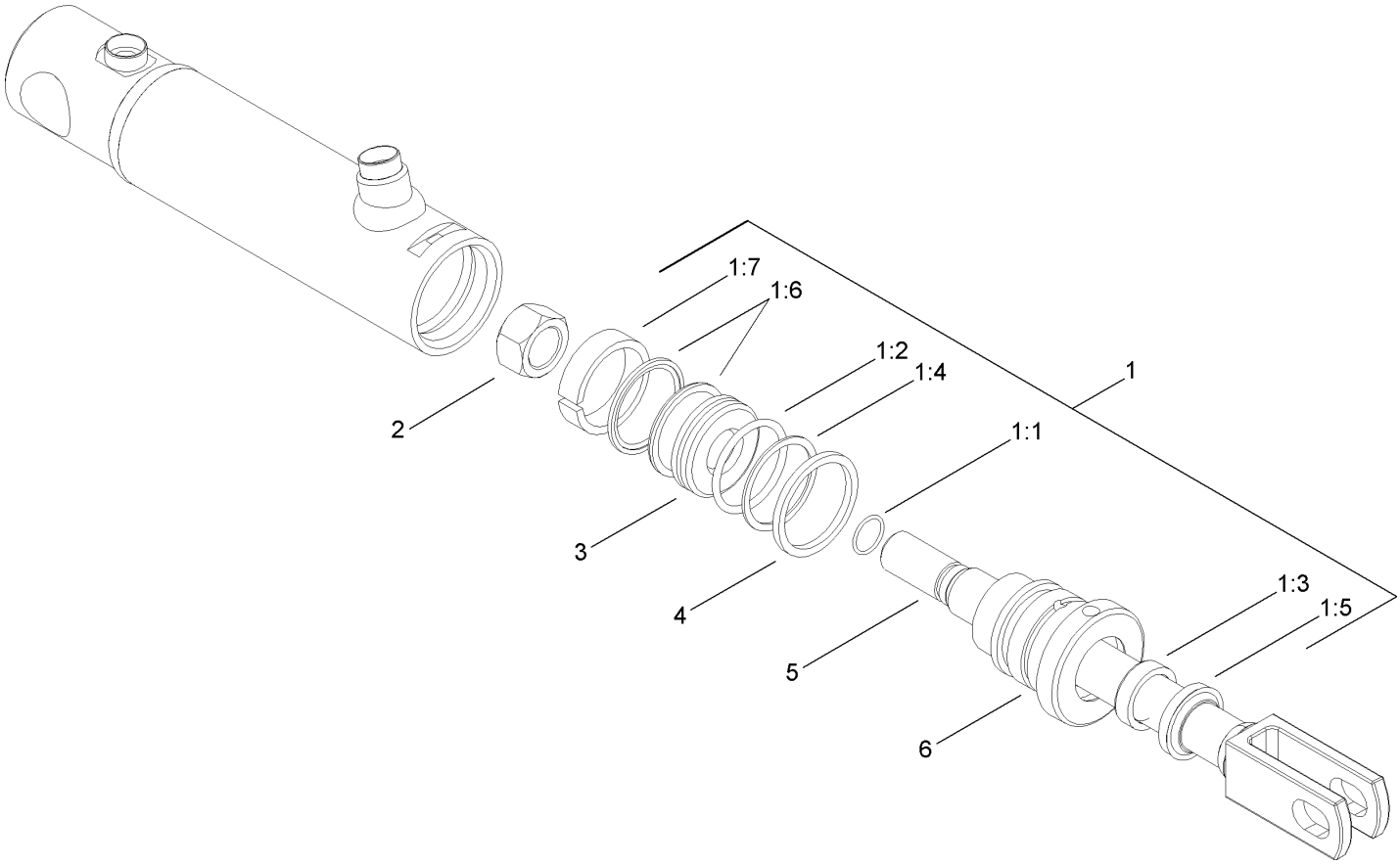
Ref	Part No.	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3220-3	2	Nut-Jam
5	93-8064	1	Decal-Danger, Ce
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9064	1	HYD Cylinder ASM
8	106-9080	1	Spring-Torsion, Center
9	340-103	2	Fitting-Hyd, 45 DEG
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	83-1680	1	Hose-HYD
11	88-9700	1	Hose-HYD
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
19	302-5	3	Fitting-Grease
20	93-2384	1	Spacer-Carrier

Ref	Part No.	Qty.	Description
21	5-1226	2	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	107-9500	1	Center Lift Arm ASM
32:2	3-0348	2	Bushing
34	3290-379	1	Tie-Cable
35	94-4548	2	Bumper-Recessed
36	32144-44	2	Screw-HWH
37	105-5740	1	Hook-Lift



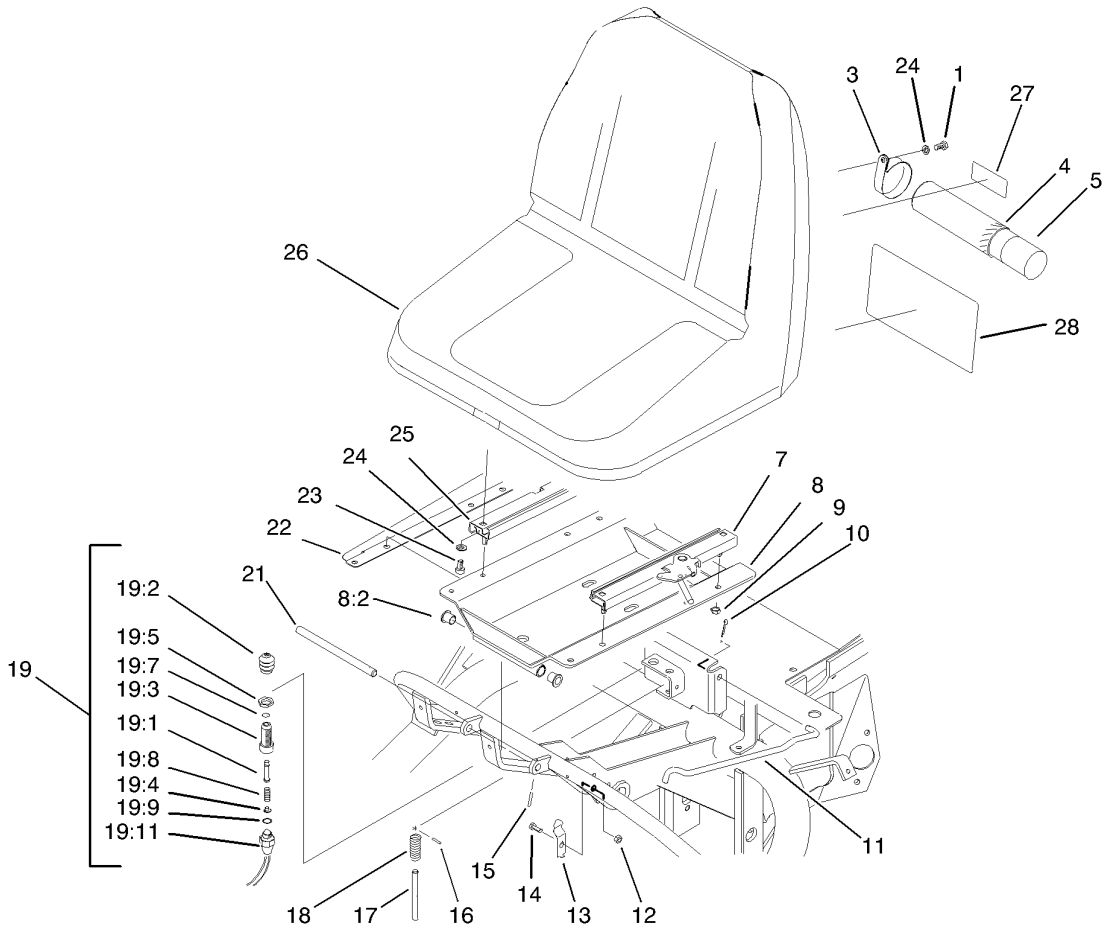
Rear Pull Frame Assembly (continued)

Ref	Part No.	Qty.	Description
38	33115-025	2	Screw-HH
39	283-8	1	Pin-Clevis
40	3272-11	1	Pin-Cotter



Hydraulic Cylinder Assembly No. 106-9064

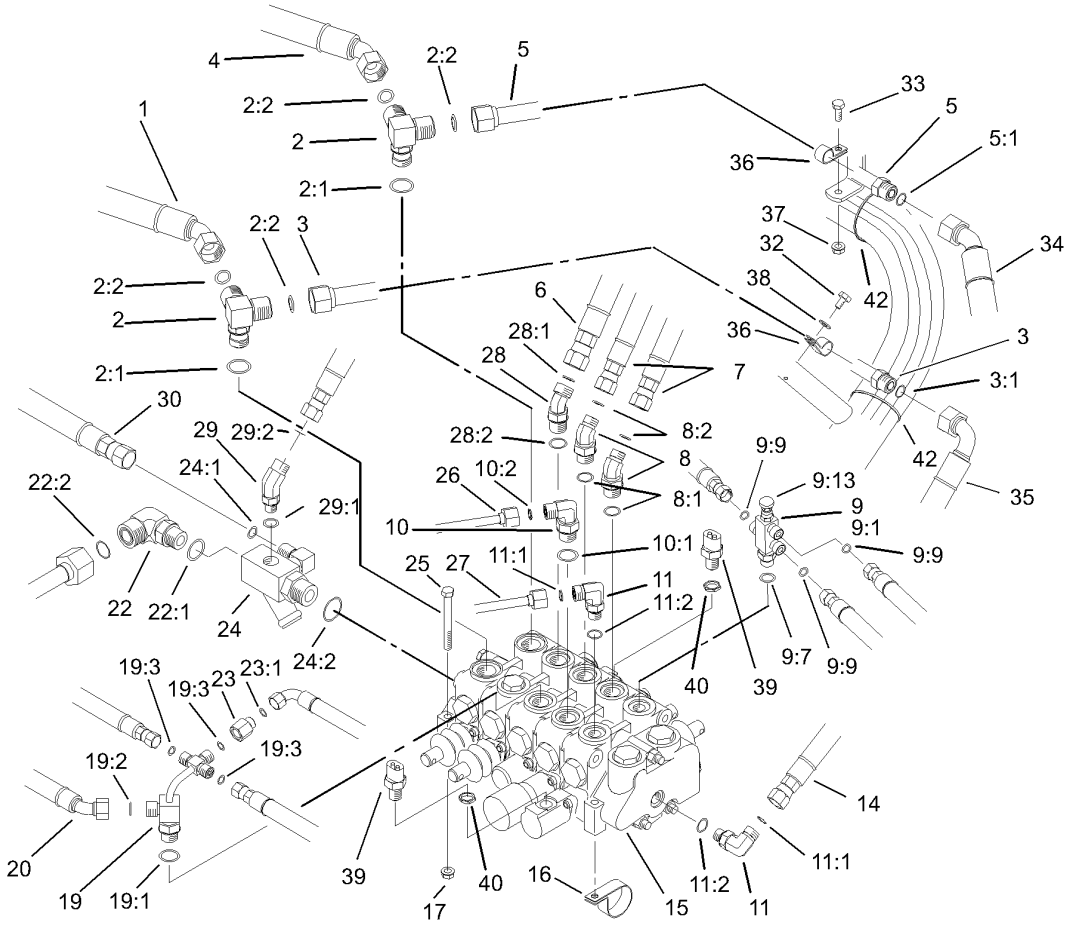
Ref	Part No.	Qty.	Description
1	107-2563	1	Seal Kit
❷1:1		1	O-Ring
❷1:2		1	O-Ring
❷1:3		1	Seal
❷1:4		1	Back-Up
❷1:5		1	Wiper
❷1:6		1	Seal W/loader
❷1:7		1	Ring-Wear
❷2		1	Locknut
❷3		1	Piston
❷4		1	Ring-Retaining
❷5		1	Rod ASM
❷6		1	Head



Seat Assembly

Ref	Part No.	Qty.	Description
1	322-2	2	Screw-HH
3	2412-133	2	R-Clamp
4	104-7050	1	Housing-Manual
5	104-7048	1	Cap-Housing
7	51-0790	1	Adjuster-Seat, LH
8	83-1270	1	Seat Support ASM
8:2	256-155	2	Bushing-Flange
9	3296-29	4	Nut-Lock, NI
10	3272-11	1	Pin-Cotter
11	68-5100	1	Rod-Seat, Prop
12	3296-16	1	Nut-Lock, NI
13	68-5310	1	Clip-Rod, Prop
14	321-3	1	Screw-HH
15	32121-45	1	Pin-Spring
16	3284-3	1	Pin-Groove
17	51-0350	1	Pin-Spring, Seat
18	3-6685	1	Spring
19	43-9071	1	Limit Switch ASM
19:1	43-8860	1	Plunger-Switch
19:2	43-8870	1	Boot-Switch
19:3	43-8620	1	Pin-Guide, Switch
19:4	43-8610	1	Guide
19:5	218-461	2	Nut-HH
19:7	237-7	1	O-Ring

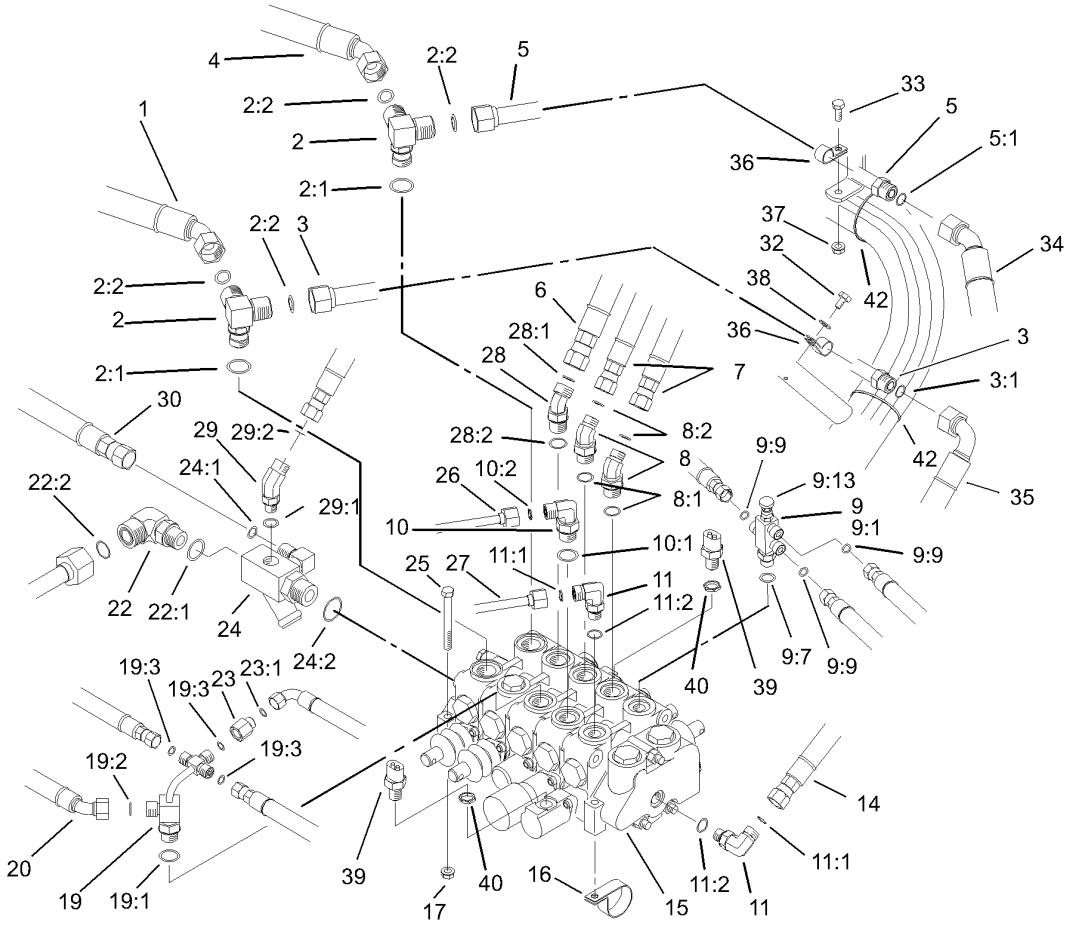
Ref	Part No.	Qty.	Description
19:8	43-8600	1	Spring-Compression
19:9	237-30	1	O-Ring
19:11	72-4320	1	Switch-Ball, N.o.
21	49-5880	1	Shaft-Support, Seat
22	83-1840-01	1	Cover-Valve, RH
23	3274-12	4	Screw-HSH
24	3256-23	6	Washer-Flat
25	51-0780	1	Slider-Seat
26	100-3187	1	Seat ASM
27	93-6686	1	Decal-Oil, HYD
28	106-6367	1	Decal-Service
28	106-6368	1	Decal-Service, Japanese
28	106-6369	1	Decal-Service, Spanish
28	106-6372	1	Decal-Service, Swedish
28	106-6371	1	Decal-Service, German
28	106-6370	1	Decal-Service, French
28	106-6373	1	Decal-Service, Italian
28	106-6374	1	Decal-Service, Portuguese
28	106-6375	1	Decal-Service, Norwegian
28	106-6376	1	Decal-Service, Finnish
28	106-6377	1	Decal-Service, Danish
28	106-6378	1	Decal-Service, Dutch



Control Valve Installation Assembly

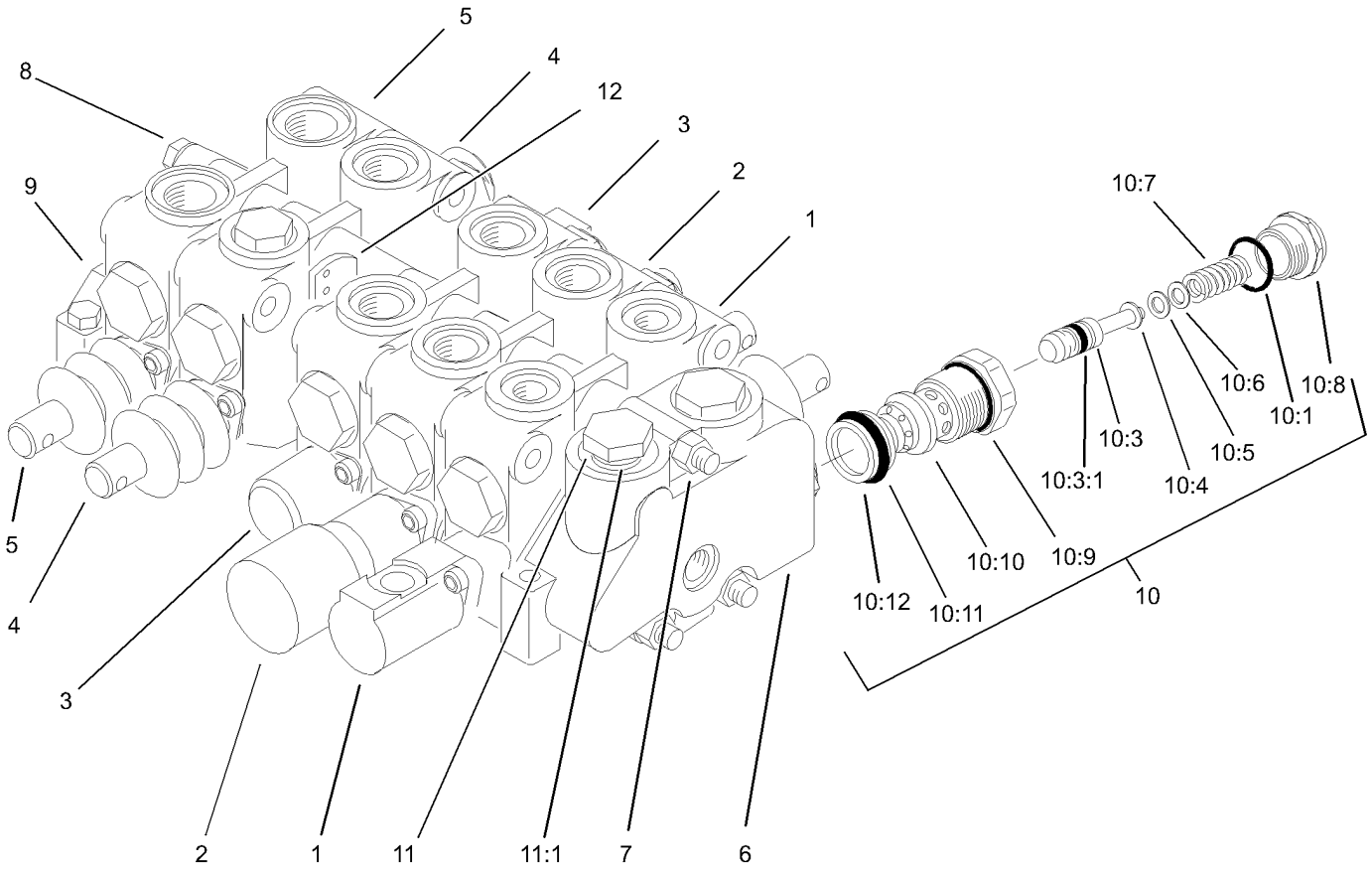
Ref	Part No.	Qty.	Description
1	98-0647	1	Hose-HYD
2	63-4050	2	Fitting
2:1	237-80	1	O-Ring
2:2	237-65	2	O-Ring
3	70-7130	1	Line-Tube
3:1	237-65	2	O-Ring
4	98-0646	1	Hose-HYD
5	83-1200	1	Tube-Traction, LH Lower
5:1	237-65	1	O-Ring
6	98-2151	1	Hose-HYD
7	98-0649	2	Hose-HYD
8	340-138	2	Fitting-Hyd, 45 DEG
8:1	237-79	1	O-Ring
8:2	237-22	1	O-Ring
9	93-2556	1	Needle Valve ASM
9:1	93-2555	1	Fitting-Body
9:7	237-42	1	O-Ring
9:9	237-21	3	O-Ring
9:13	93-2554	1	Needle ASM
10	340-18	1	Fitting-Hyd, 90 DEG
10:1	237-79	1	O-Ring
10:2	237-22	1	O-Ring
11	340-77	2	Fitting-Hyd, 90 DEG
11:1	237-22	1	O-Ring

Ref	Part No.	Qty.	Description
11:2	237-42	1	O-Ring
14	98-2150	1	Hose-HYD
15	105-3800	1	Control Valve ASM
16	304-61	1	Clamp-Hose
17	32128-20	3	Nut-HF
19	83-1670	1	Fitting ASM
19:1	237-79	1	O-Ring
19:2	237-22	1	O-Ring
19:3	237-21	3	O-Ring
20	95-5986	1	Hose-HYD
22	340-16	1	Fitting-Hyd, 90
22:1	237-80	1	O-Ring
22:2	237-58	1	O-Ring
23	71-0990	1	Orifice
23:1	237-21	1	O-Ring
24	68-5260	1	Manifold-Tee
24:1	237-30	1	O-Ring
24:2	237-81	1	O-Ring
25	322-14	3	Screw-HH
26	63-4030	1	Tube-HYD
27	63-4020	1	Tube-HYD
28	340-101	1	Fitting-Hyd, 45 DEG
28:1	237-30	1	O-Ring
28:2	237-79	1	O-Ring



Control Valve Installation Assembly (continued)

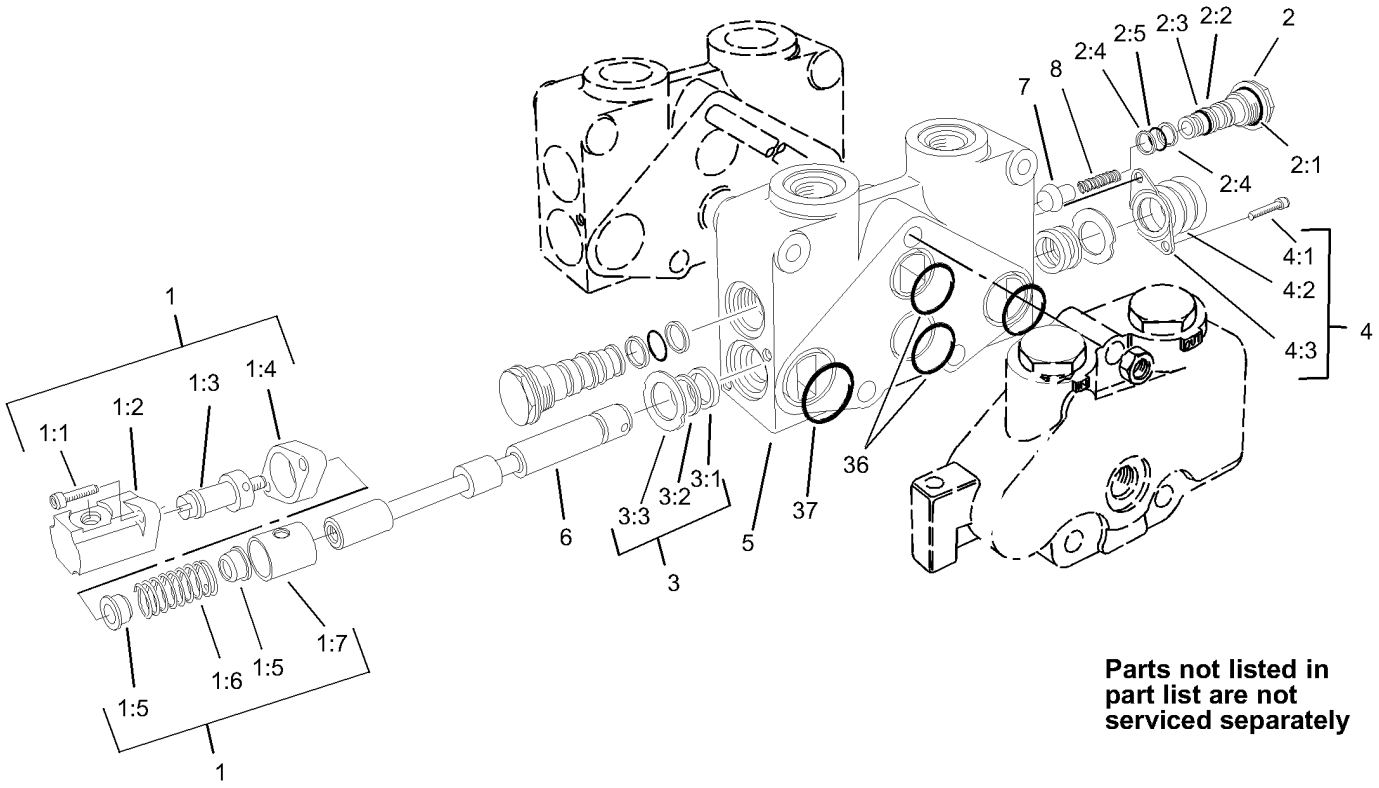
Ref	Part No.	Qty.	Description
29	340-137	1	Fitting
29:1	237-21	1	O-Ring
29:2	237-42	1	O-Ring
30	95-5987	1	Hose-HYD
32	12-3270	1	Screw
33	3234-4	1	Screw-HHF
34	98-0648	1	HYD Hose ASM
35	98-2153	1	HYD Hose ASM
36	2412-41	2	Clamp
37	3296-16	1	Nut-Lock, NI
38	3256-22	1	Washer-Flat
39	83-1890	2	Switch-Ball
40	38-0410	2	Nut-Hex
42	3290-379	2	Tie-Cable



Control Valve Assembly No. 105-3800

Ref	Part No.	Qty.	Description
1	105-3801	1	Section 1 ASM
2	105-3802	1	Section 2 ASM
3	105-3803	1	Section 3 ASM
4	105-3804	1	Section 4 ASM
5	93-1386	1	Section 5 ASM
6	353-772	1	Cover-Left
7	3217-7	3	Nut-Hex
8	353-853	3	Bolt
9	353-668	1	Plate-Cover
10	353-766	1	Cart-Relief
10:1	237-54	1	O-Ring
10:3	353-531	1	Poppet And Ring ASM
10:3:1	353-392	1	Ring-Piston
10:4	353-328	1	Shim (.040)
10:5	353-329	1	Shim (.020)
10:6	353-330	1	Shim (.010)
10:7	353-855	1	Spring
10:8	353-334	1	Cap-Relief
10:9	353-331	1	O-Ring
10:10	353-760	1	Relief-Body
10:11	353-758	1	O-Ring
10:12	353-952	1	Seal-Back-Up
11	353-721	2	Plug
11:1	237-54	1	O-Ring

Ref	Part No.	Qty.	Description
12	354-122	1	Disc-Seal
❶13	92-2545	1	Spool Set Kit
❶14	84-2190	1	Section Seal Kit
❶❷14:1		12	O-Ring
❶❷14:2		12	O-Ring
❶❷14:3		16	O-Ring
❶❷14:4		8	O-Ring
❶❷14:5		1	Disc-Seal
❶❷14:6		1	Disc-Seal

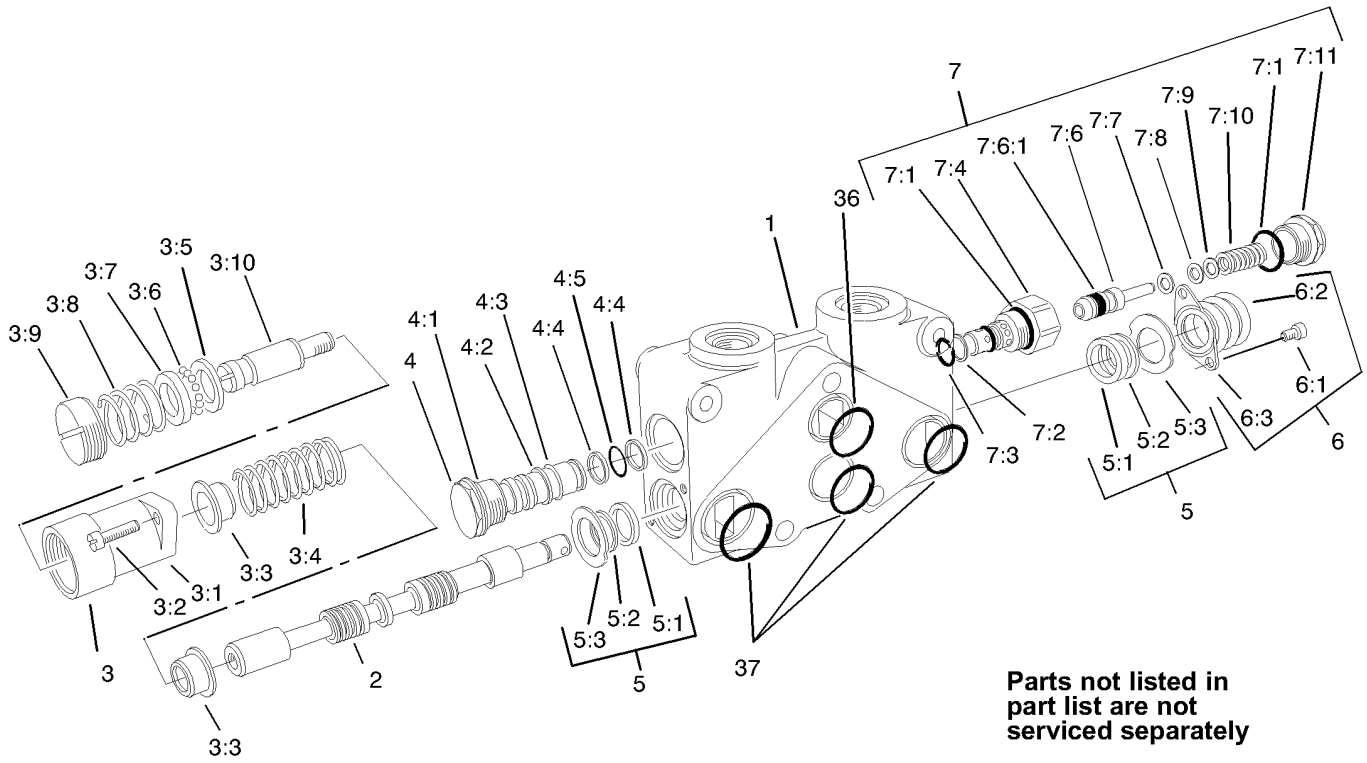


Parts not listed in part list are not serviced separately

Section 1 Assembly No. 105-3801

Ref	Part No.	Qty.	Description
1	105-3807	1	Positioner-Interlock
1:1	3274-70	2	Screw-HSH
1:2	353-727	1	Bonnet-Special
1:3	104-7739	1	Spud-V20
1:4	353-733	1	Spacer-Bonnet
1:5	353-417	2	Collar-Stop
1:6	104-7741	1	Spring
1:7	353-728	1	Sleeve
2	353-481	2	Lift Check ASM
2:1	237-54	1	O-Ring
2:2	353-306	1	Washer-Backup
2:3	353-305	1	O-Ring
2:4	353-303	2	Washer-Backup
2:5	353-302	1	O-Ring
3	92-2548	2	Spool Set Kit
3:1	353-957	1	Cup-Seal
3:2	92-2546	1	Wiper-Seal
3:3	92-2547	1	Seal-Retainer
4	93-3652	1	Boot-Dust
4:1	3274-52	2	Screw-HSH
4:2	353-575	1	Boot
4:3	93-3651	1	Retainer-Boot
❷5		1	Housing-V20c
❷6		1	Spool-V20c

Ref	Part No.	Qty.	Description
7	353-301	1	Check-Lift, Poppet
8	353-304	1	Spring-Check, Lift
❷36		2	O-Ring
❷37		2	O-Ring

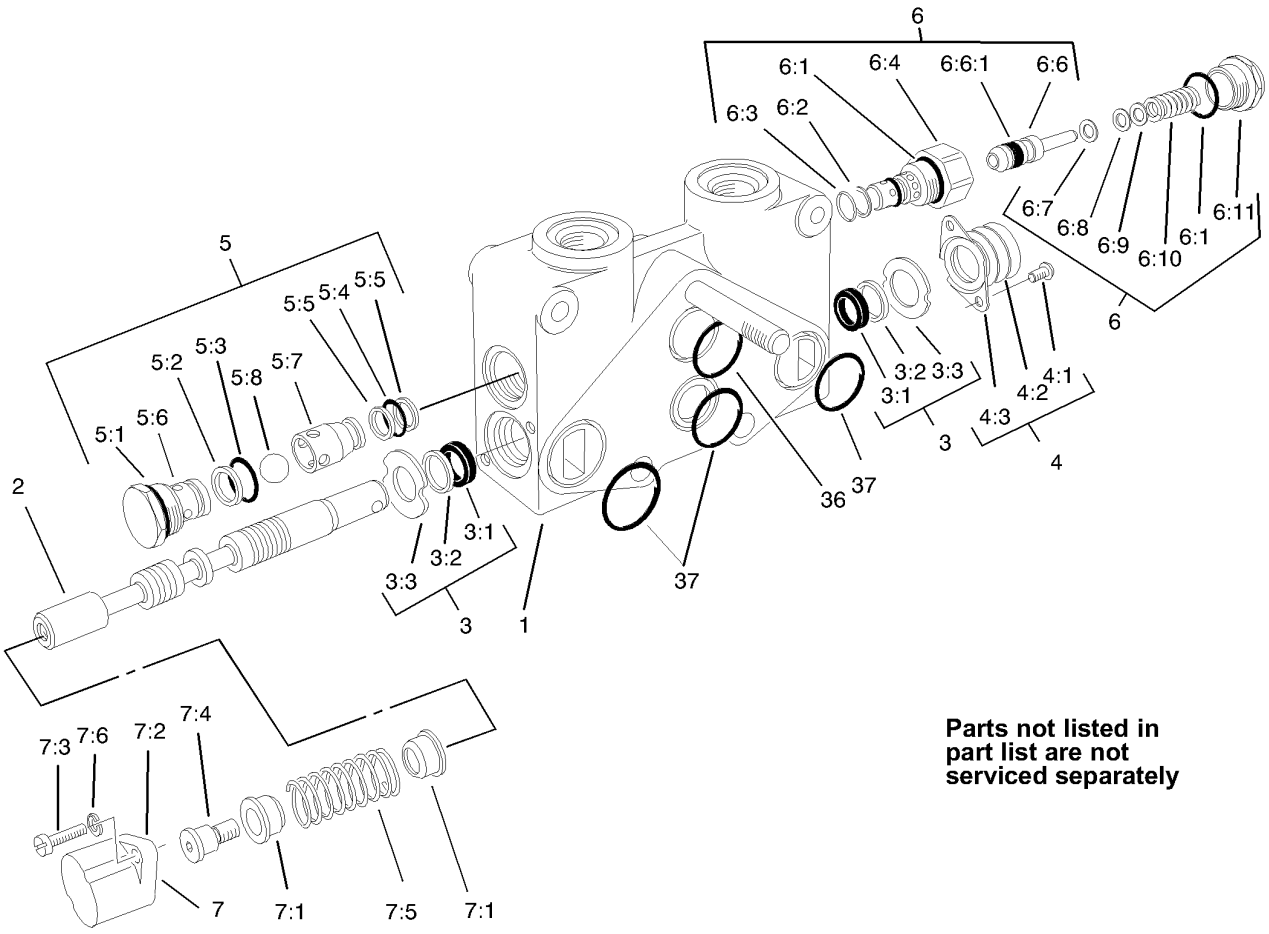


Parts not listed in part list are not serviced separately

Section 2 Assembly No. 105-3802

Ref	Part No.	Qty.	Description
❷1		1	Housing-V20t
❷2		1	Spool-V20
3	105-3806	1	Positioner
3:1	99-8181	1	Bonnet-R
3:2	3274-15	2	Screw-HSH
3:3	353-417	2	Collar-Stop
3:4	104-7741	1	Spring
3:5	354-29	1	Plate-Thrust
3:6	52-5880	12	Ball-Detent
3:7	42-2680	1	Race-Ball
3:8	104-7727	1	Spring-Detent
3:9	353-763	1	Cap-Adjustment
3:10	353-762	1	Spud-Out
4	353-481	1	Lift Check ASM
4:1	237-54	1	O-Ring
4:2	353-306	1	Washer-Backup
4:3	353-305	1	O-Ring
4:4	353-303	2	Washer-Backup
4:5	353-302	1	O-Ring
5	92-2548	2	Spool Set Kit
5:1	353-957	1	Cup-Seal
5:2	92-2546	1	Wiper-Seal
5:3	92-2547	1	Seal-Retainer
6	93-3652	1	Boot-Dust

Ref	Part No.	Qty.	Description
6:1	3274-52	2	Screw-HSH
6:2	353-575	1	Boot
6:3	93-3651	1	Retainer-Boot
7	353-642	1	Cartridge-Relief
7:1	237-54	2	O-Ring
7:2	353-306	1	Washer-Backup
7:3	353-305	1	O-Ring
7:4	353-851	1	Body-Relief
7:6	353-531	1	Poppet And Ring ASM
7:6:1	353-392	1	Ring-Piston
7:7	353-328	1	Shim (.040)
7:8	353-329	1	Shim (.020)
7:9	353-330	1	Shim (.010)
7:10	353-398	1	Spring
7:11	353-334	1	Cap-Relief
❷36		1	O-Ring
❷37		3	O-Ring

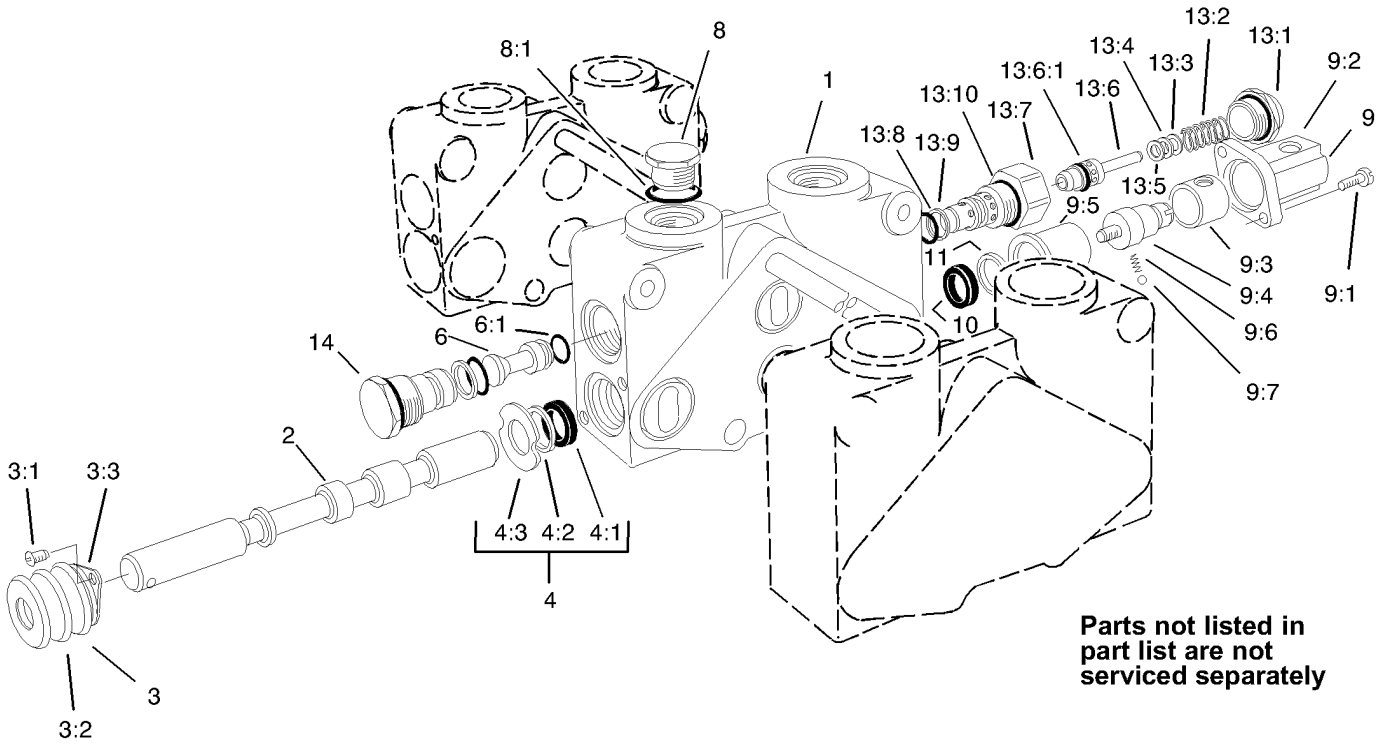


Parts not listed in part list are not serviced separately

Section 3 Assembly No. 105-3803

Ref	Part No.	Qty.	Description
❷1		1	Housing-V20t
❷2		1	Spool-V20
3	92-2548	2	Spool Set Kit
3:1	353-957	1	Cup-Seal
3:2	92-2546	1	Wiper-Seal
3:3	92-2547	1	Seal-Retainer
4	93-3652	1	Boot-Dust
4:1	3274-52	2	Screw-HSH
4:2	353-575	1	Boot
4:3	93-3651	1	Retainer-Boot
5	354-129	1	Anticavitation Check ASM
5:1	237-54	1	O-Ring
5:2	353-306	1	Washer-Backup
5:3	353-305	1	O-Ring
5:4	353-302	1	O-Ring
5:5	353-303	2	Washer-Backup
5:6	353-483	1	Body-Check
5:7	353-484	1	Return-Ball, Check
5:8	353-737	1	Ball-Check
6	353-642	1	Cartridge-Relief
6:1	237-54	2	O-Ring
6:2	353-306	1	Washer-Backup
6:3	353-305	1	O-Ring
6:4	353-851	1	Body-Relief

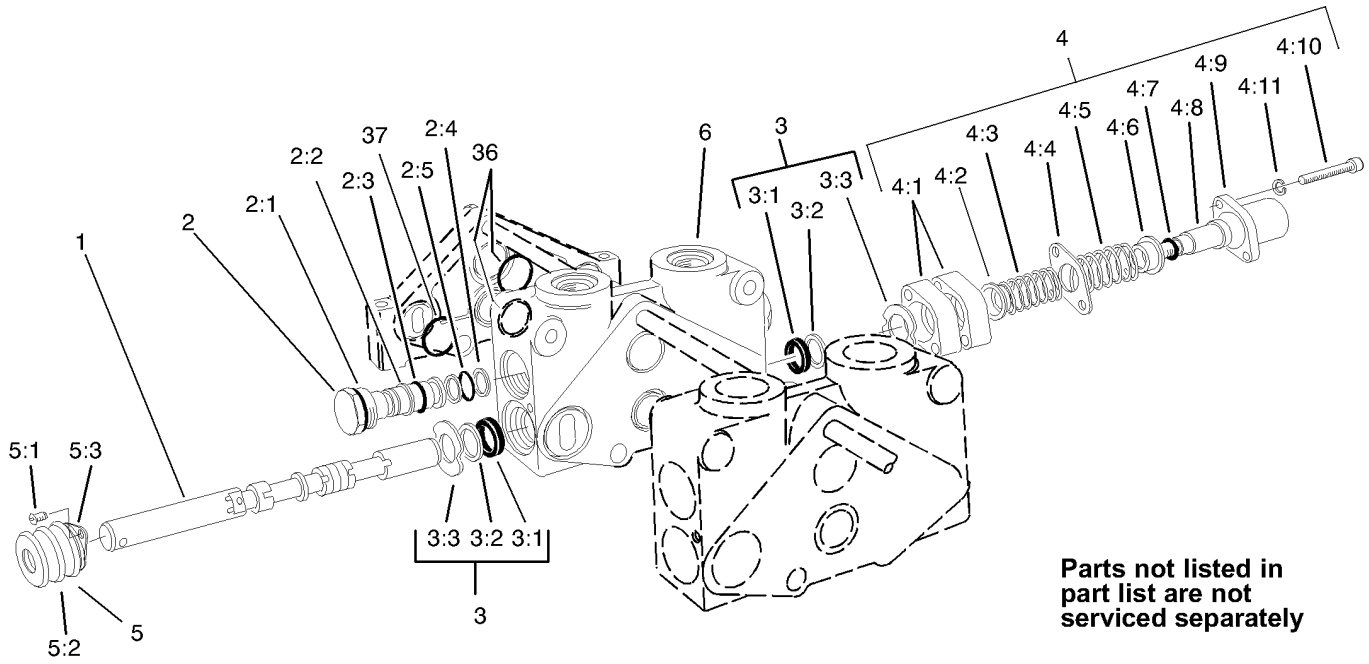
Ref	Part No.	Qty.	Description
6:6	353-531	1	Poppet And Ring ASM
6:6:1	353-392	1	Ring-Piston
6:7	353-328	1	Shim (.040)
6:8	353-329	1	Shim (.020)
6:9	353-330	1	Shim (.010)
6:10	353-398	1	Spring
6:11	353-334	1	Cap-Relief
7	105-3808	1	Positioner-Spring Return
7:1	353-417	2	Collar-Stop
7:2	99-6895	1	Bonnet
7:3	52-5900	2	Screw
7:4	52-5860	1	Collar-Spool
7:5	104-7741	1	Spring
7:6	3253-3	2	Washer-Lock
❷36		1	O-Ring
❷37		3	O-Ring



Section 4 Assembly No. 105-3804

Ref	Part No.	Qty.	Description
❷1		1	Housing-V20p
❷2		1	Spool-V20
3	93-3652	1	Boot-Dust
3:1	3274-52	2	Screw-HSH
3:2	353-575	1	Boot
3:3	93-3651	1	Retainer-Boot
4	92-2548	1	Spool Set Kit
4:1	353-957	1	Cup-Seal
4:2	92-2546	1	Wiper-Seal
4:3	92-2547	1	Seal-Retainer
6	353-844	1	Plug
6:1	353-850	1	O-Ring
8	353-550	1	Plug-HYD
8:1	237-79	1	O-Ring
9	353-840	1	Switch Positioner Bonnet ASM
9:1	52-5900	2	Screw
9:2	353-847	1	Bonnet
9:3	353-849	1	Sleeve
9:4	353-846	1	Spud
9:5	353-845	1	Sleeve-Detent
9:6	353-730	1	Spring
9:7	353-731	2	Ball
10	353-957	1	Cup-Seal
11	353-958	1	Washer

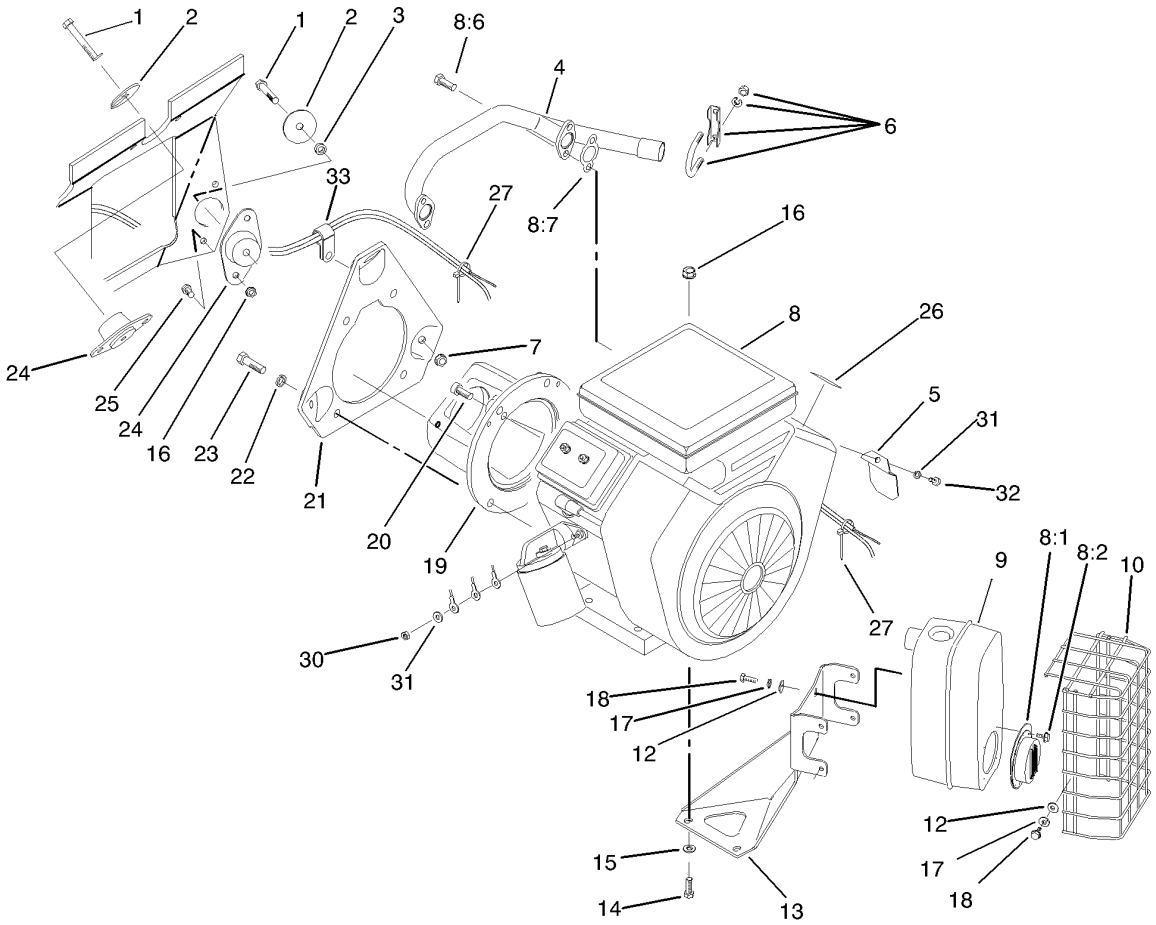
Ref	Part No.	Qty.	Description
13	354-140	1	Relief-Rcm
13:1	353-334	1	Cap-Relief
13:2	353-398	1	Spring
13:3	353-330	1	Shim (.010)
13:4	353-329	1	Shim (.020)
13:5	353-328	1	Shim (.040)
13:6	353-531	1	Poppet And Ring ASM
13:6:1	353-392	1	Ring-Piston
13:7	353-851	1	Body-Relief
13:8	353-305	1	O-Ring
13:9	353-306	1	Washer-Backup
13:10	237-54	2	O-Ring
14	353-953	1	Plug ASM



Section 5 Assembly No. 93-1386

Ref	Part No.	Qty.	Description
1	94-5434	1	Spool
2	353-481	2	Lift Check ASM
2:1	237-54	1	O-Ring
2:2	353-306	1	Washer-Backup
2:3	353-305	1	O-Ring
2:4	353-303	2	Washer-Backup
2:5	353-302	1	O-Ring
3	92-2548	2	Spool Set Kit
3:1	353-957	1	Cup-Seal
3:2	92-2546	1	Wiper-Seal
3:3	92-2547	1	Seal-Retainer
4	353-833	1	Positioner ASM
4:1	353-733	2	Spacer-Bonnet
4:2	353-417	1	Collar-Stop
4:3	353-831	1	Spring
4:4	353-529	1	Plate-Retainer, Seal
4:5	92-3148	1	Spring-Traction
4:6	353-808	1	Collar-Spring
4:7	353-830	1	O-Ring
4:8	94-4248	1	Collar-Spool
4:9	99-6895	1	Bonnet
4:10	354-28	2	Screw-HS
4:11	3253-4	2	Washer-Lock
5	93-3652	1	Boot-Dust

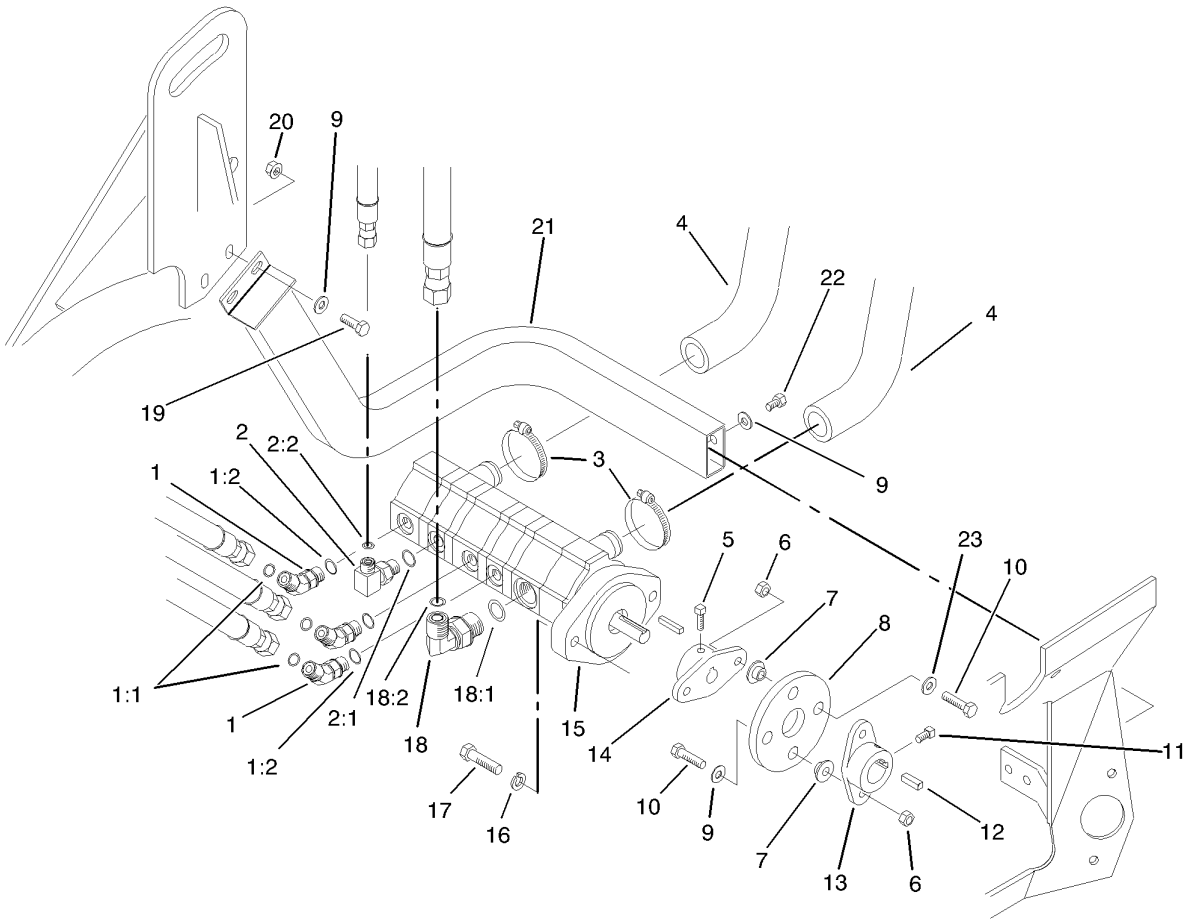
Ref	Part No.	Qty.	Description
5:1	3274-52	2	Screw-HSH
5:2	353-575	1	Boot
5:3	93-3651	1	Retainer-Boot
❷6		1	Housing-V20p
❷36		1	O-Ring
❷37		3	O-Ring



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

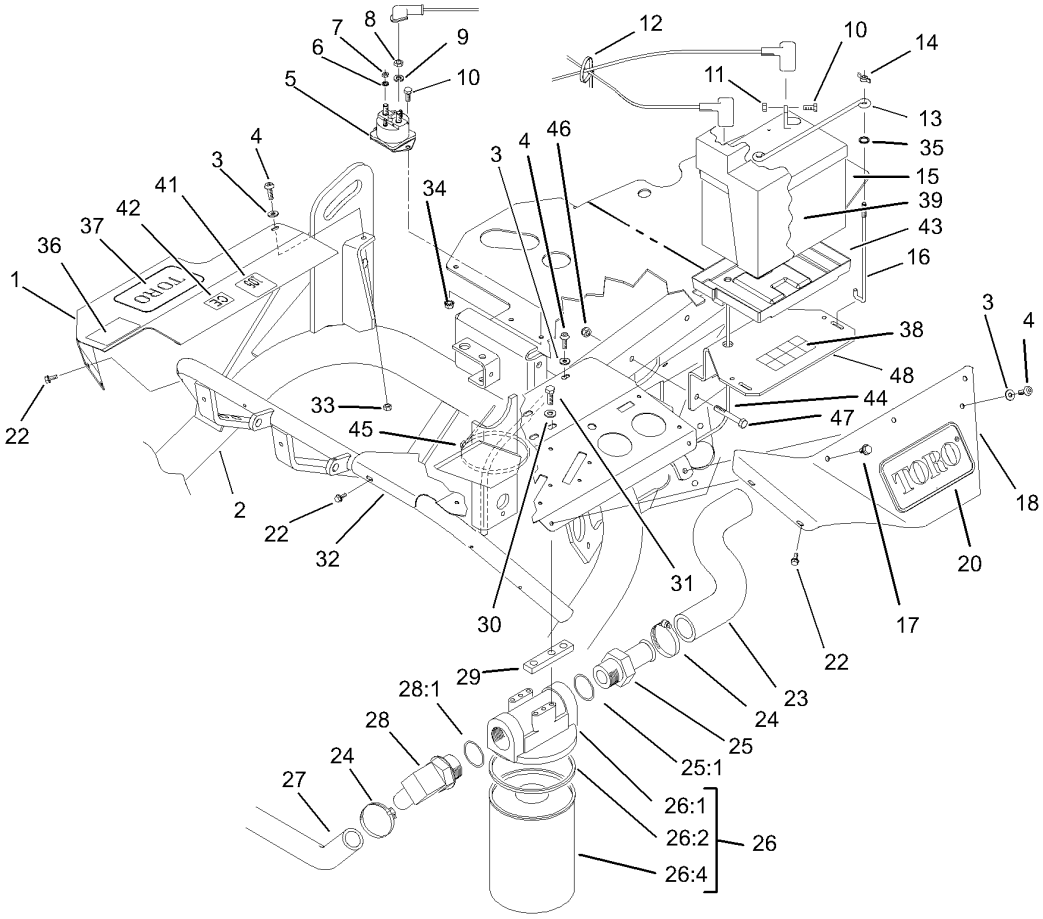
Ref	Part No.	Qty.	Description
22	3253-6	4	Washer-Lock
23	324-7	4	Screw-HH
24	83-1030	3	Mount-Engine
25	322-3	6	Screw-HH
26	93-8069	1	Decal-Surface, Hot
27	3290-379	2	Tie-Cable
30	43-2830	1	Nut-Hex
31	43-5930	2	Washer-Spring
32	33113-016	1	Screw-HH
33	2412-81	1	Clamp-R



Hydraulic Pump Installation Assembly

Ref	Part No.	Qty.	Description
1	340-87	3	Fitting-Hyd, 45 DEG
1:1	237-22	1	O-Ring
1:2	237-42	1	O-Ring
2	340-82	1	Adapter
2:1	237-42	1	O-Ring
2:2	237-21	1	O-Ring
3	2412-34	2	Clamp-Hose
4	95-5966	2	Hose-Pump Inlet
5	3241-6	2	Screw-SQH
6	3296-29	4	Nut-Lock, NI
7	27-6600	4	Spacer-Coupling
8	44-2230	1	Coupling-Rubber
9	3256-23	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	27-1970	1	Hub-Pump
15	107-2567	1	Pump-Gear, 5 Section
❶15:1	107-2568	1	Seal Kit
16	3253-21	2	Washer-Lock
17	323-7	2	Screw-HH
18	340-105	1	Fitting-Hyd, 90 DEG
18:1	237-80	1	O-Ring

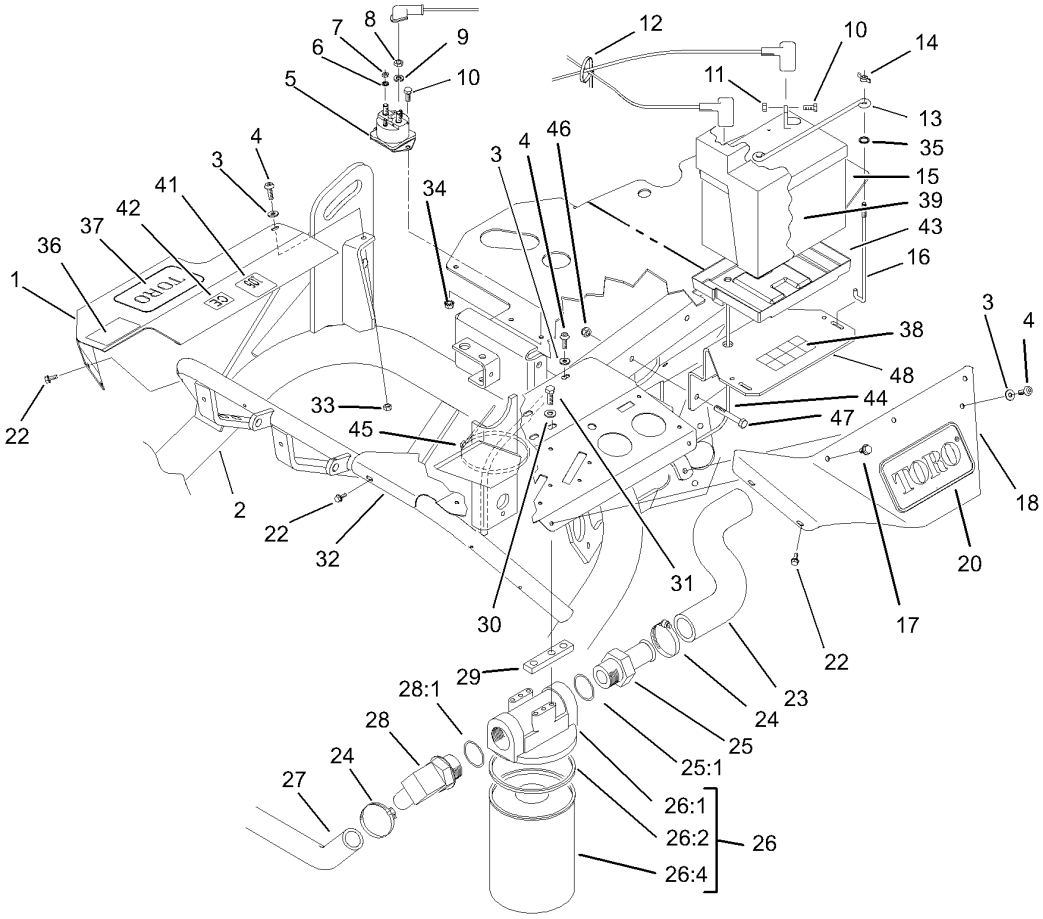
Ref	Part No.	Qty.	Description
18:2	237-30	1	O-Ring
19	322-4	2	Screw-HH
20	32128-20	2	Nut-HF
21	106-9077-01	1	Guard ASM
22	322-1	2	Screw-HH
23	3256-3	4	Washer-Flat



Frame Assembly

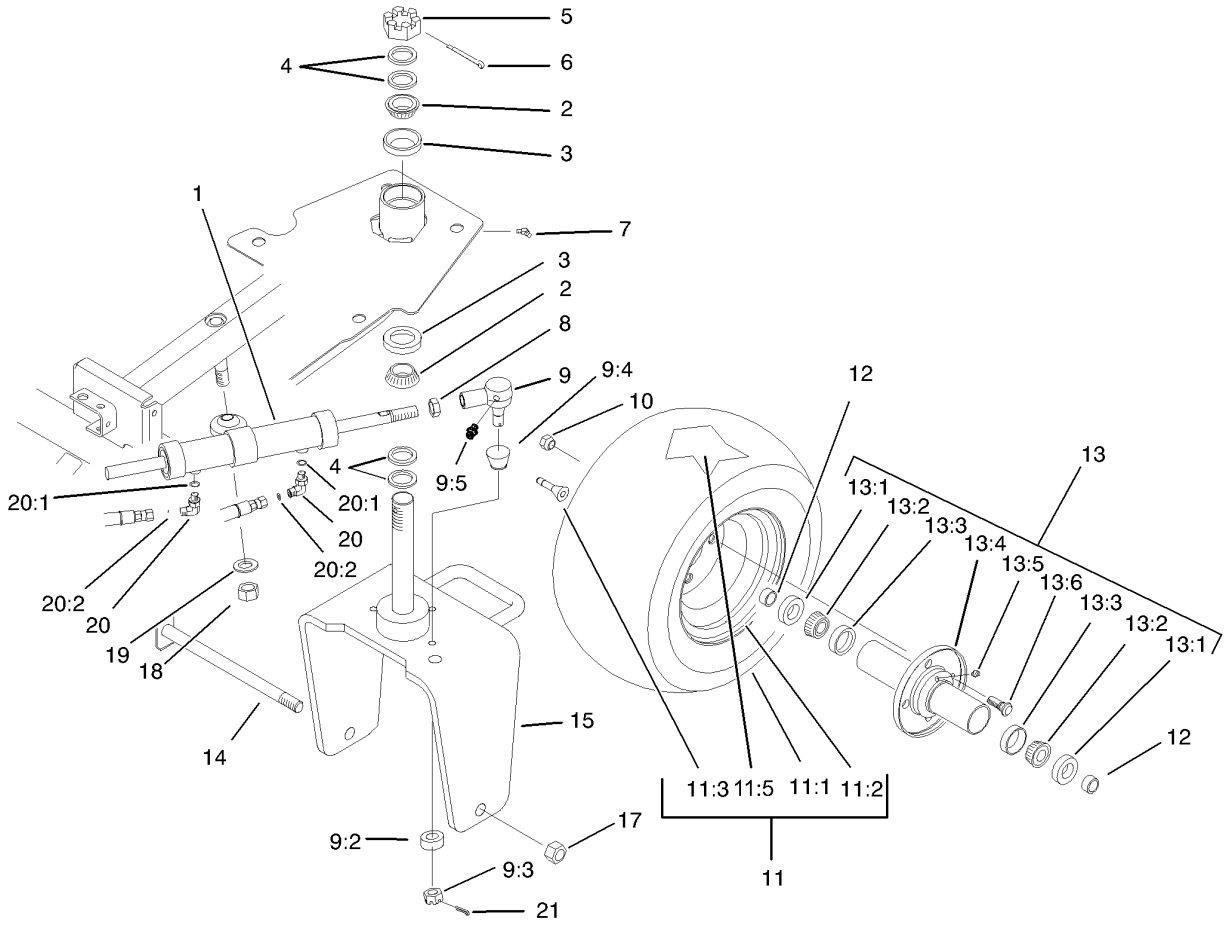
Ref	Part No.	Qty.	Description
1	94-2694-01	1	Cover-RH
2	106-6365-01	1	Frame ASM
3	3256-1	3	Washer-Flat
4	3274-69	3	Screw-HSBH
5	28-4210	1	Solenoid
6	3254-1	2	Washer-Lock, Int
7	3219-14	2	Nut-Hex
8	3218-13	2	Nut-Jam
9	3253-4	2	Washer-Lock
10	321-3	4	Screw-HH
11	3217-5	2	Nut-Hex
12	3290-378	1	Tie-Cable
13	100-6434	1	Rod-Battery, Hold Down
14	32103-22	2	Nut-Wing
15	104-8162	1	Battery (Dry)
16	100-6435	2	Post-Battery
17	46-8560	3	Screw-HHF
18	83-0840-01	1	Shield-Cover, Valve
20	105-9751	1	Decal
22	32104-116	5	Screw
23	95-7119	1	Hose-Line, Return
24	2412-34	3	Clamp-Hose
25	353-563	1	Fitting-Hyd, Straight
25:1	237-101	1	O-Ring

Ref	Part No.	Qty.	Description
❷26		1	Filter And Head ASM
26:1	44-5560	1	Head-Filter, Oil
26:2	72-3850	1	Seal-Filter, Oil
26:4	74-3570	1	Filter
27	68-5880	1	Hose-HYD
28	353-564	1	Fitting-90 DEG
28:1	237-101	1	O-Ring
29	27-2380	2	Spacer
30	3256-23	4	Washer-Flat
31	322-4	4	Screw-HH
32	83-0830-01	1	Panel-Control, Upper
33	3296-16	3	Nut-Lock, NI
34	32149-2	2	Nut
35	237-143	2	O-Ring
36	93-8065	1	Decal-Traction
37	67-1300	1	Decal
38	93-7276	1	Decal-Danger
39	106-9062	1	Cover-Battery
41	105-4674	1	Decal-Noise, Ce
42	93-7252	1	Decal
43	106948	1	Tray-Battery
44	98-0601	1	Tube-Drain, Battery
45	3290-379	1	Tie-Cable
46	3296-29	2	Nut-Lock, NI



Frame Assembly (continued)

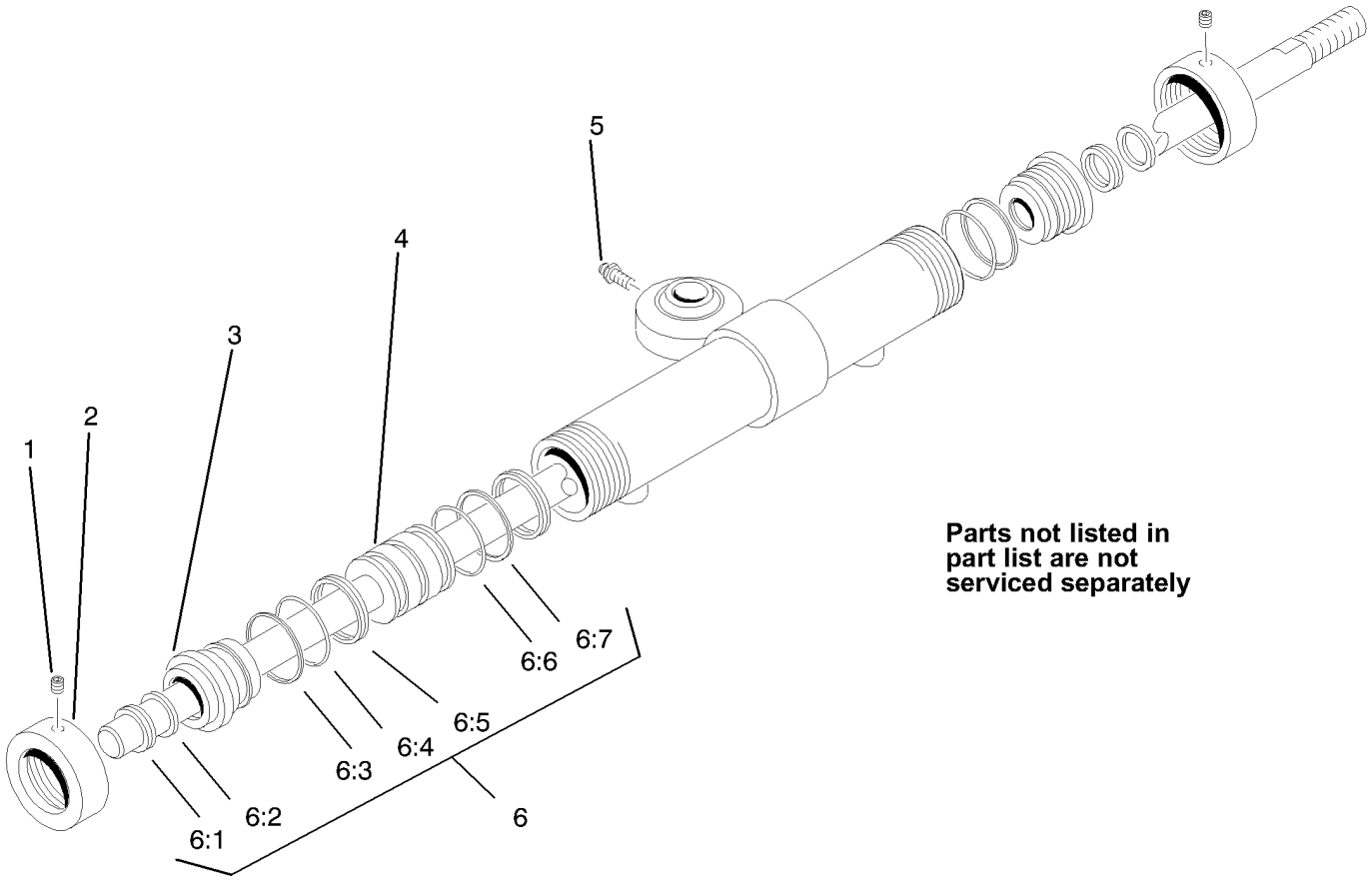
Ref	Part No.	Qty.	Description
47	322-11	2	Screw-HH
48	104-2064-03	1	Battery Base ASM



Rear Wheel Assembly

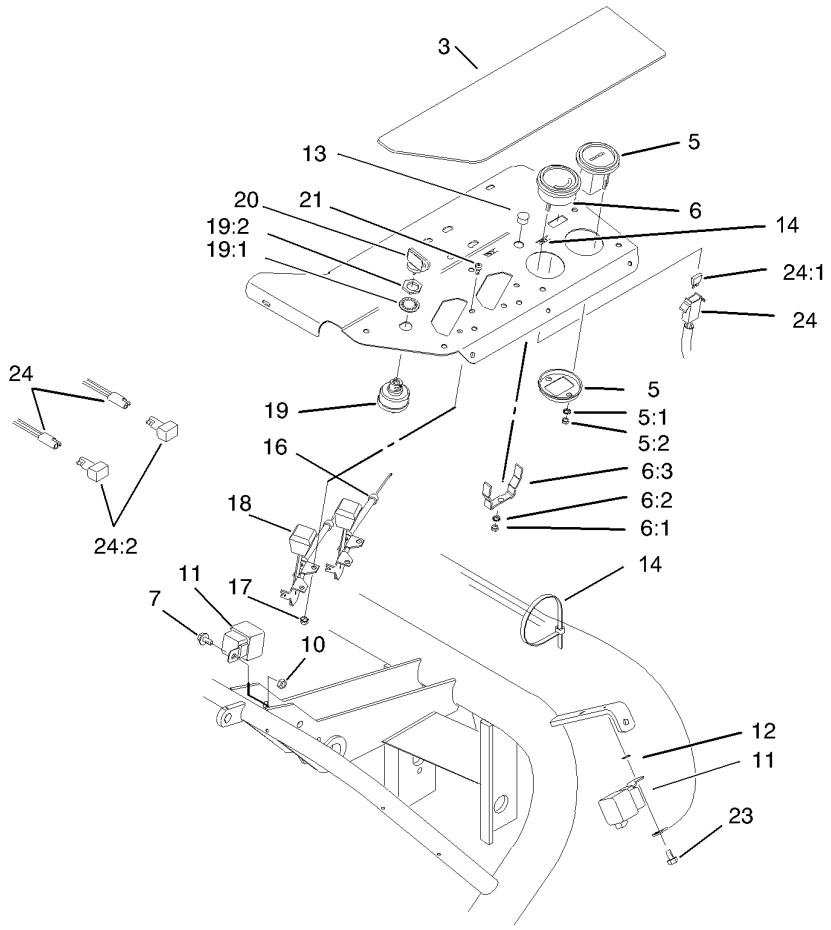
Ref	Part No.	Qty.	Description
1	83-2330	1	Cylinder-Steering
2	254-70	2	Bearing-Cone
3	254-61	2	Bearing-Cup
4	18-6320	4	Washer-Steering
5	32136-9	1	Nut-SHH
6	3272-37	1	Pin-Cotter
7	302-11	1	Fitting-Lube, 45 DEG
8	84-5300	1	Nut-Jam
9	107-2553	1	Rod End ASM
9:2	98-2389	1	Spacer-Link, Pull
9:3	32136-2	1	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	95-5952-01	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



Hydraulic Cylinder Assembly No. 83-2330

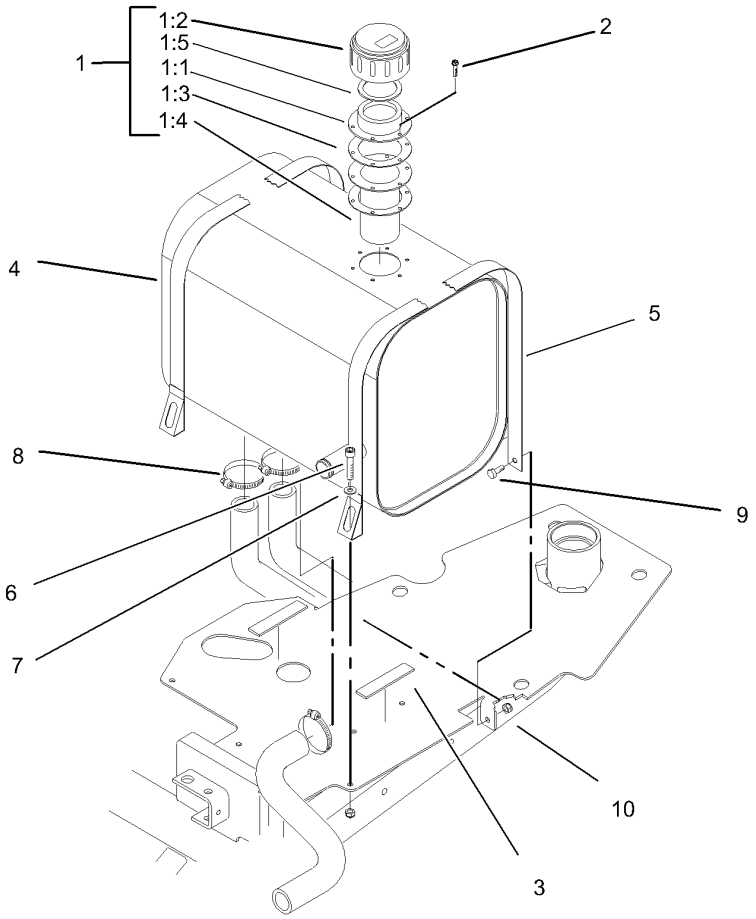
Ref	Part No.	Qty.	Description
1	3245-1	2	Screw-Set, HSH
❷2		2	Cap-Threaded
❷3		2	Cap-Head, Threaded
❷4		2	Rod ASM
5	302-5	1	Fitting-Grease
6	83-2380	1	Seal Repair Kit
❷6:1		2	Wiper-Rod
❷6:2		2	U-Cup-Double Lip
❷6:3		2	Ring-Back-Up
❷6:4		2	O-Ring
❷6:5		2	Ring-Wear
❷6:6		1	O-Ring
❷6:7		1	O-Ring



Control Panel Assembly

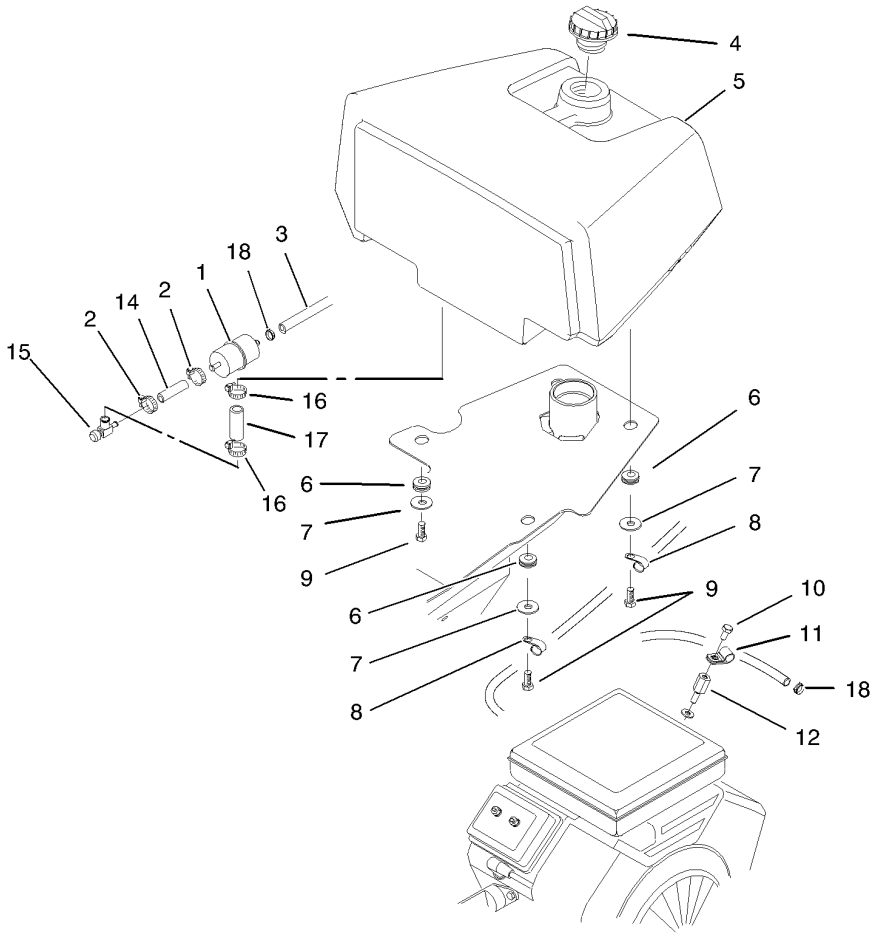
Ref	Part No.	Qty.	Description
3	107-2554	1	Decal-Panel, Control
5	66-2950	1	Gauge-Hourmeter
5:1	3255-20	2	Washer-Lock
5:2	3217-25	2	Nut-Hex
6	98-2160	1	Voltmeter
6:1	3217-27	1	Nut-Hex
6:2	3255-25	1	Washer-Lock
6:3	78-0080	1	Clamp-Mounting
7	321-4	1	Screw-HH
10	3296-16	1	Nut-Lock, NI
11	70-1480	2	Relay
12	3255-7	1	Washer-Lock/ext
13	2410-64	1	Plug-Button
14	3290-378	3	Tie-Cable
16	83-0040	1	Control-Choke
17	3296-12	4	Nut-Lock
18	83-0030	1	Control-Throttle
19	88-9830	1	Key Switch ASM
19:1	3254-5	1	Washer-Tooth
19:2	218-461	1	Nut-HH
20	63-8360	2	Key-Ignition
21	3290-134	4	Screw
23	32104-95	1	Screw-HWH
24	104-2058	1	Harness-Wire, Main

Ref	Part No.	Qty.	Description
24:1	218-578	1	Fuse-10 Amp
24:2	100-4918	2	Diode
❶24:3	106-2790	1	Link-Fusible
❶24:4	106-2791	1	Link-Fusible



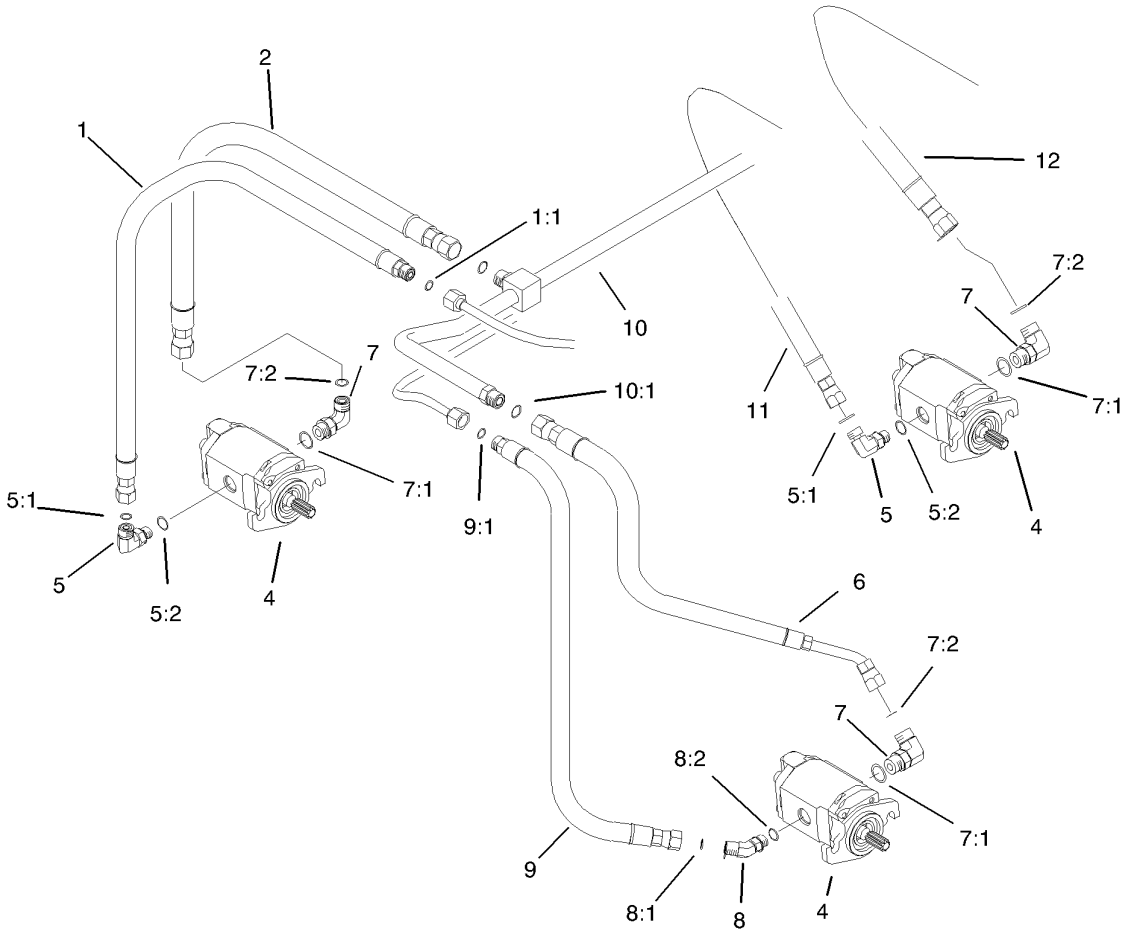
Hydraulic Reservoir Assembly

Ref	Part No.	Qty.	Description
1	62-2570	1	Filler Cap ASM
1:1	353-962	1	Cap ASM
1:2	353-961	1	Flange
1:3	353-963	2	Gasket
1:4	62-2610	1	Strainer-Cap, Filler
1:5	76-1720	1	Gasket-Cap, Filler
2	32144-34	6	Screw-Forming, Thread
3	95-5951	2	Strip-Seal
4	95-7118	1	Tank-Hydraulic
5	27-2400	2	Reservoir Strap ASM
6	3274-19	2	Screw-HSH
7	3256-22	2	Washer-Flat
8	2412-34	3	Clamp-Hose
9	321-3	2	Screw-HH
10	3296-16	4	Nut-Lock, NI



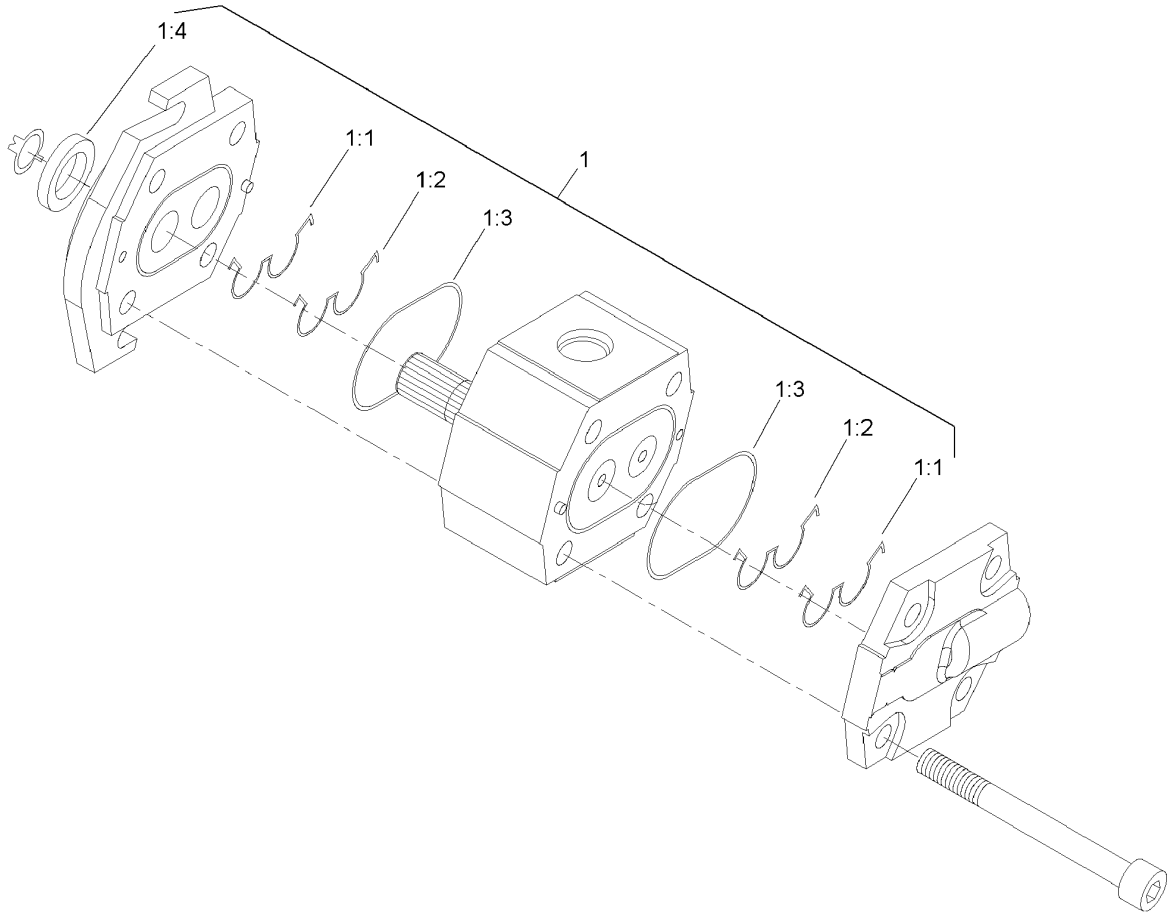
Fuel Tank Assembly

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
12	106-4616	1	Screw-Spacer
14	83-2040	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



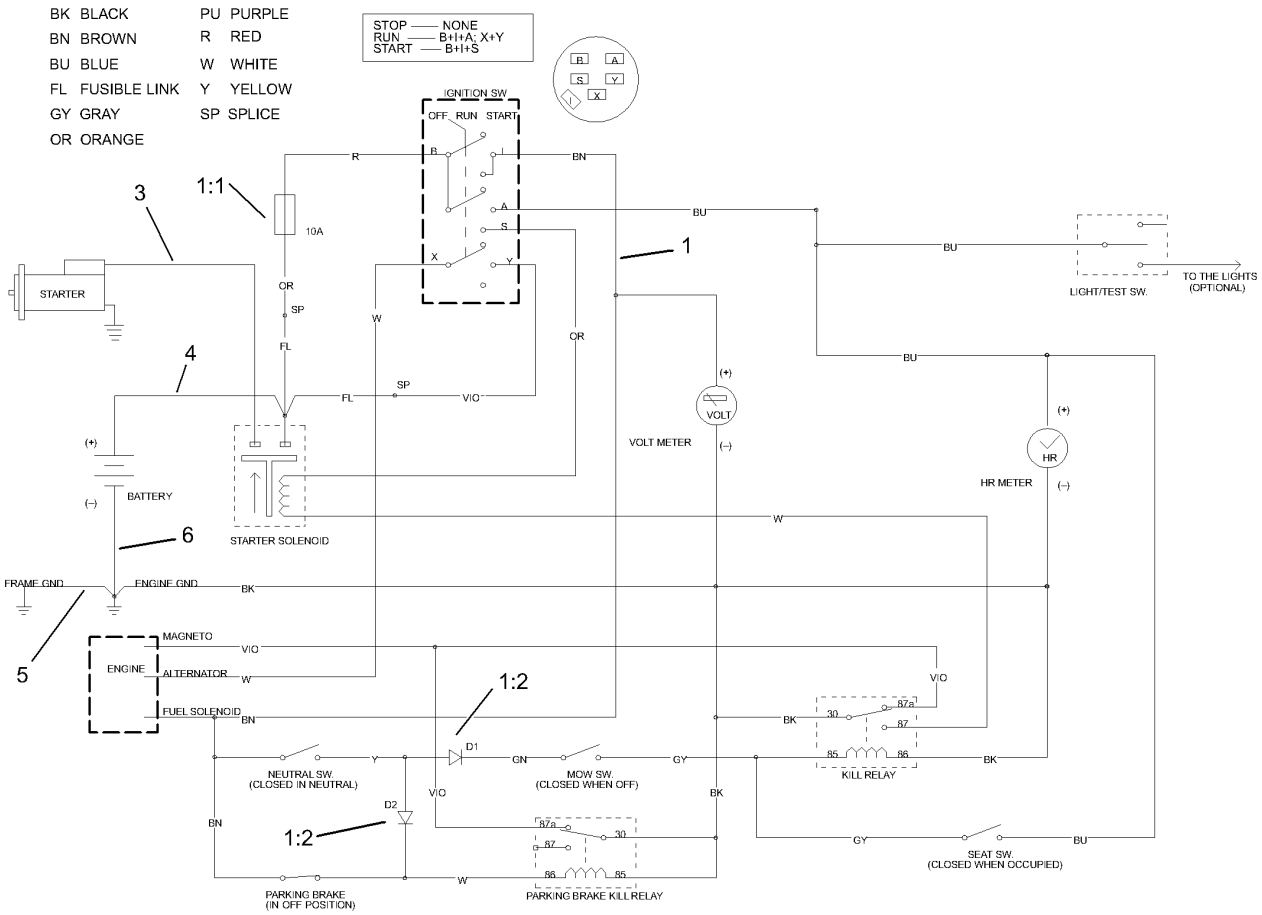
Reel Motor Installation Assembly

Ref	Part No.	Qty.	Description
1	95-5984	1	Hose-HYD
1:1	237-22	1	O-Ring
2	95-5985	1	Hose-HYD
4	105-9770	3	Motor-HYD
5	340-77	2	Fitting-Hyd, 90 DEG
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	95-5989	1	Hose-HYD
7	340-98	3	Fitting-Hyd, 90 DEG
7:1	237-79	1	O-Ring
7:2	237-30	1	O-Ring
8	340-87	1	Fitting-Hyd, 45 DEG
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	95-5988	1	Hose-HYD
9:1	237-22	1	O-Ring
10	100-6431	1	Tube-Return
10:1	237-30	2	O-Ring
11	95-5986	1	Hose-HYD
12	95-5987	1	Hose-HYD



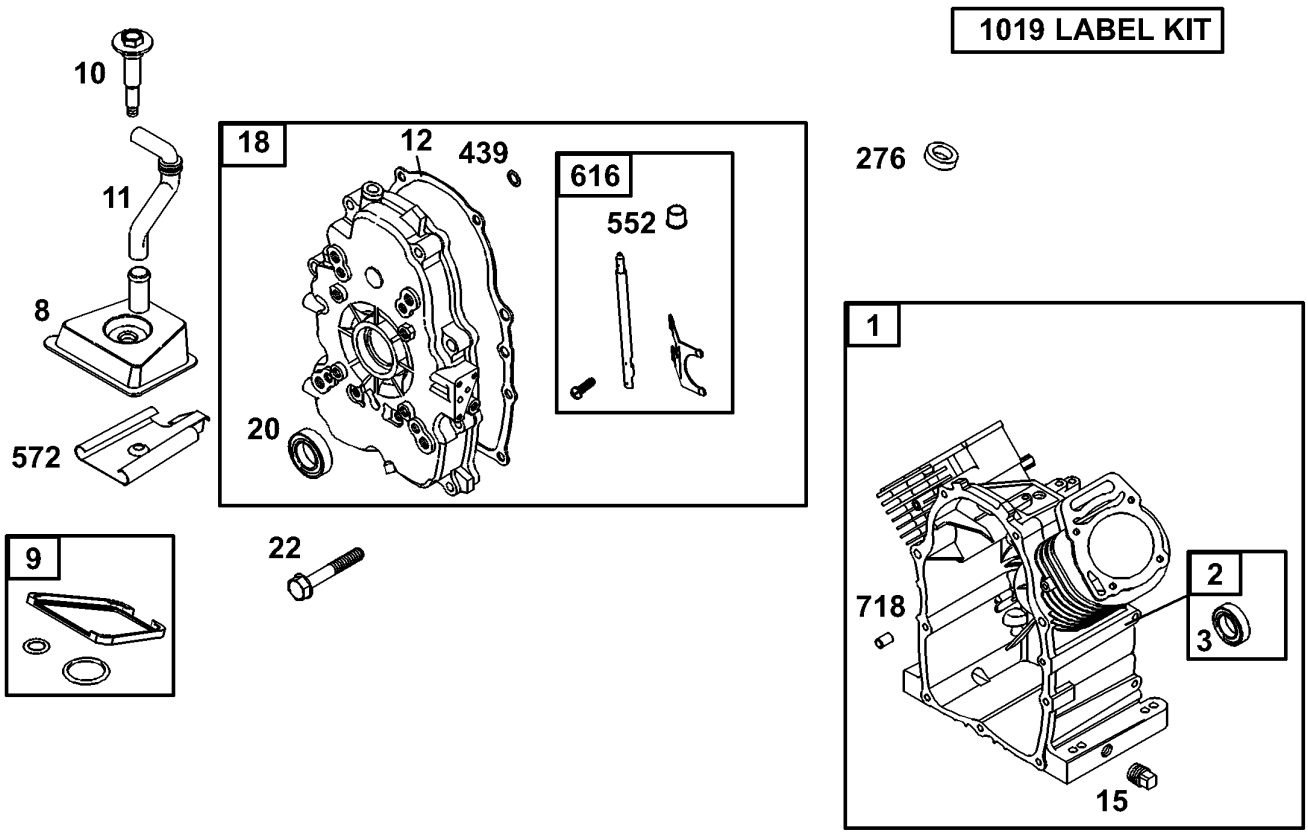
Hydraulic Motor Assembly No. 105-9770

Ref	Part No.	Qty.	Description
1	106-6362	1	Kit-Seal
❷1:1		2	Seal-Extrusion, Anti
❷1:2		2	Seal-Pressure Loading
❷1:3		2	O-Ring
❷1:4		1	Seal-Shaft



Electrical Schematic

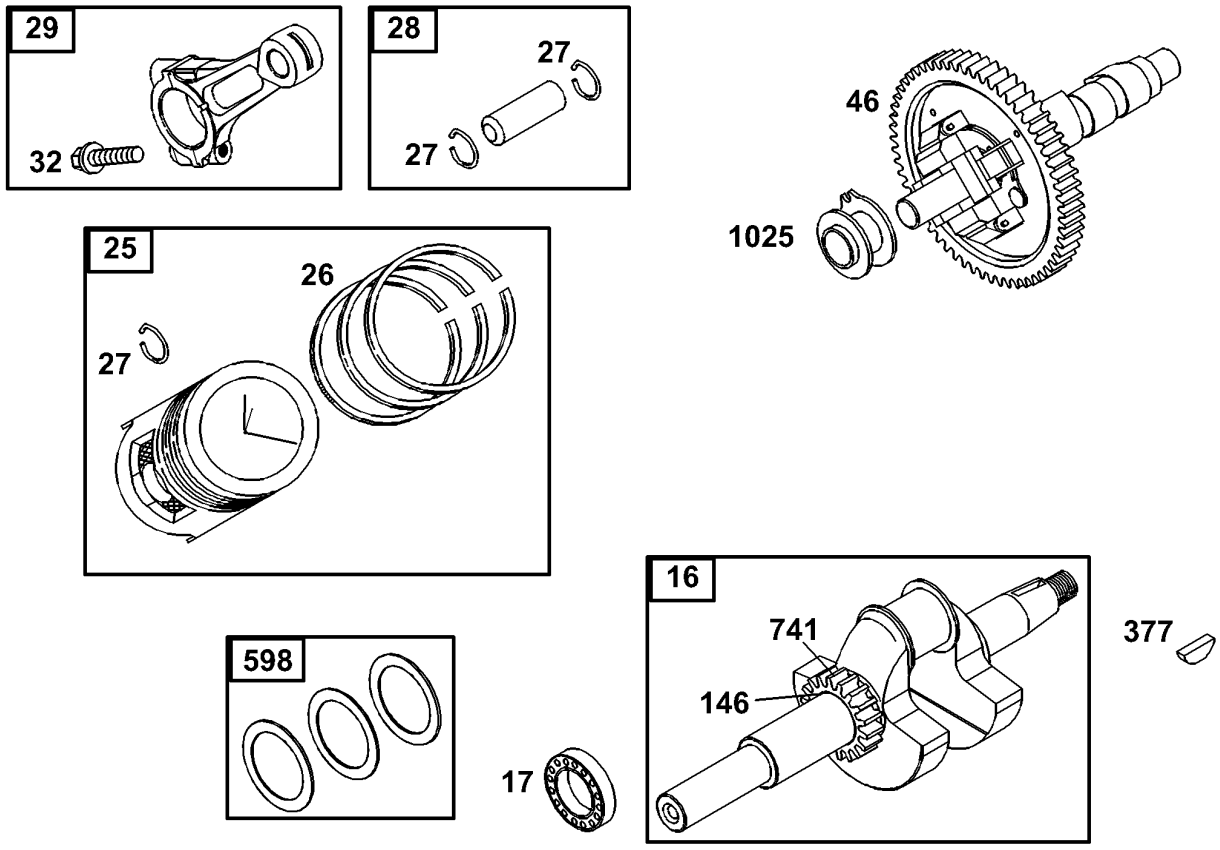
Ref	Part No.	Qty.	Description
1	104-2058	1	Harness-Wire, Main
1:1	218-578	1	Fuse-10 Amp
1:2	100-4918	2	Diode
❶1:3	106-2790	1	Link-Fusible
❶1:4	106-2791	1	Link-Fusible
3	98-2161	1	Cable-Battery, Positive
4	95-7144	1	Positive Cable ASM
❶4:2	28-8080	1	Boot-Terminal
❶4:3	83-2430	1	Boot-Terminal
5	83-1150	1	Engine Ground Wire ASM
6	98-0604	1	Negative Cable ASM
❶6:2	98-0603	1	Boot-Terminal



Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton Model 350447-1331-E1

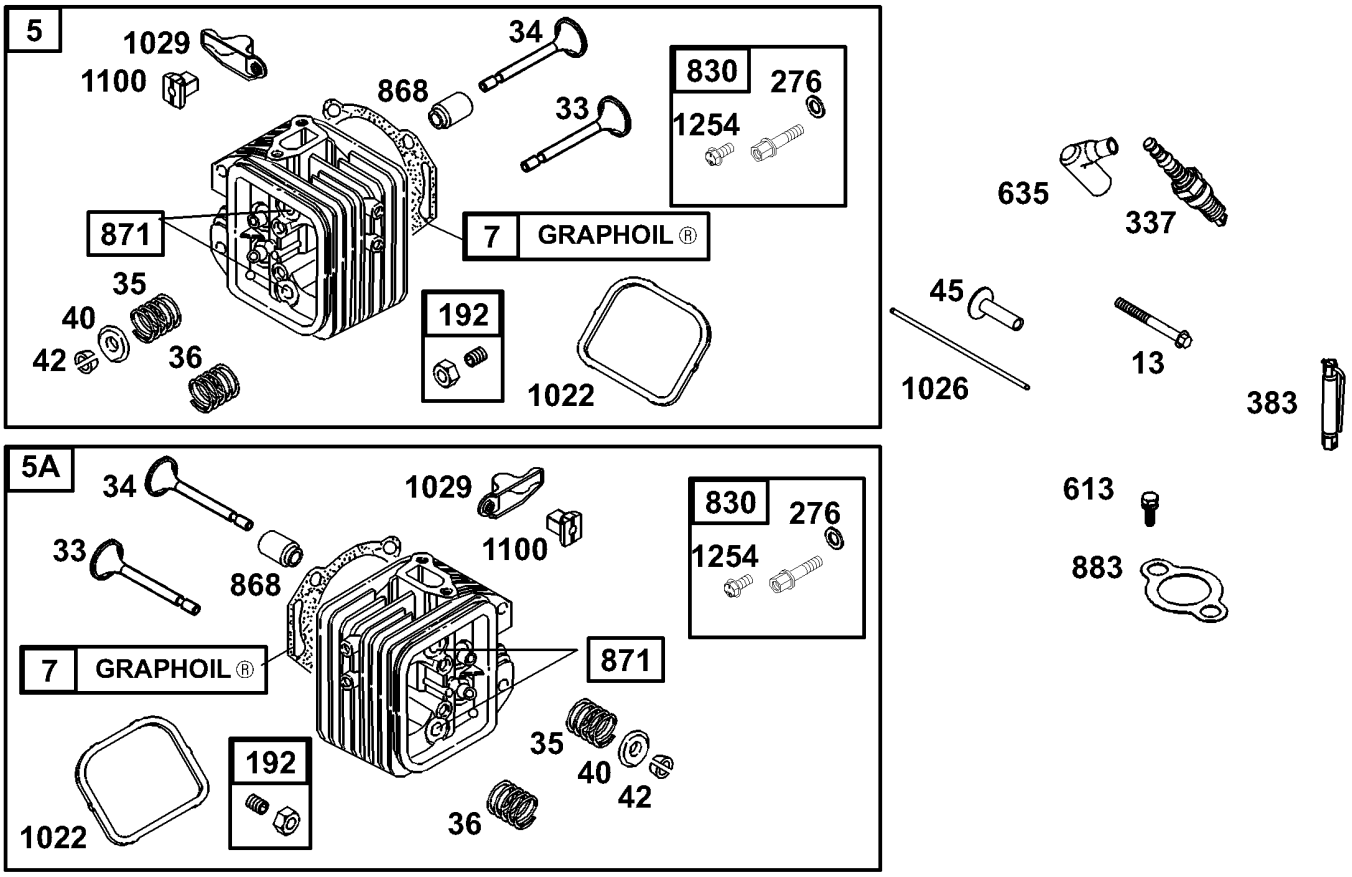
Ref	Part No.	Qty.	Description
❼1	692544	1	Cylinder Assembly
❼2	808534	1	Bushing
❸❼3	805101	1	Seal-Oil
❼8	808984	1	Assembly-Breather
❸❹9	809094	1	Valve Cover Gasket
❼			
❼10	690751	1	Screw (Breather Assembly)
❼11	806083	1	Breather Tube
❸❼12	691684	1	Crankcase Gasket
❼15	690946	1	Plug-Oil Drain
❼18	808847	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

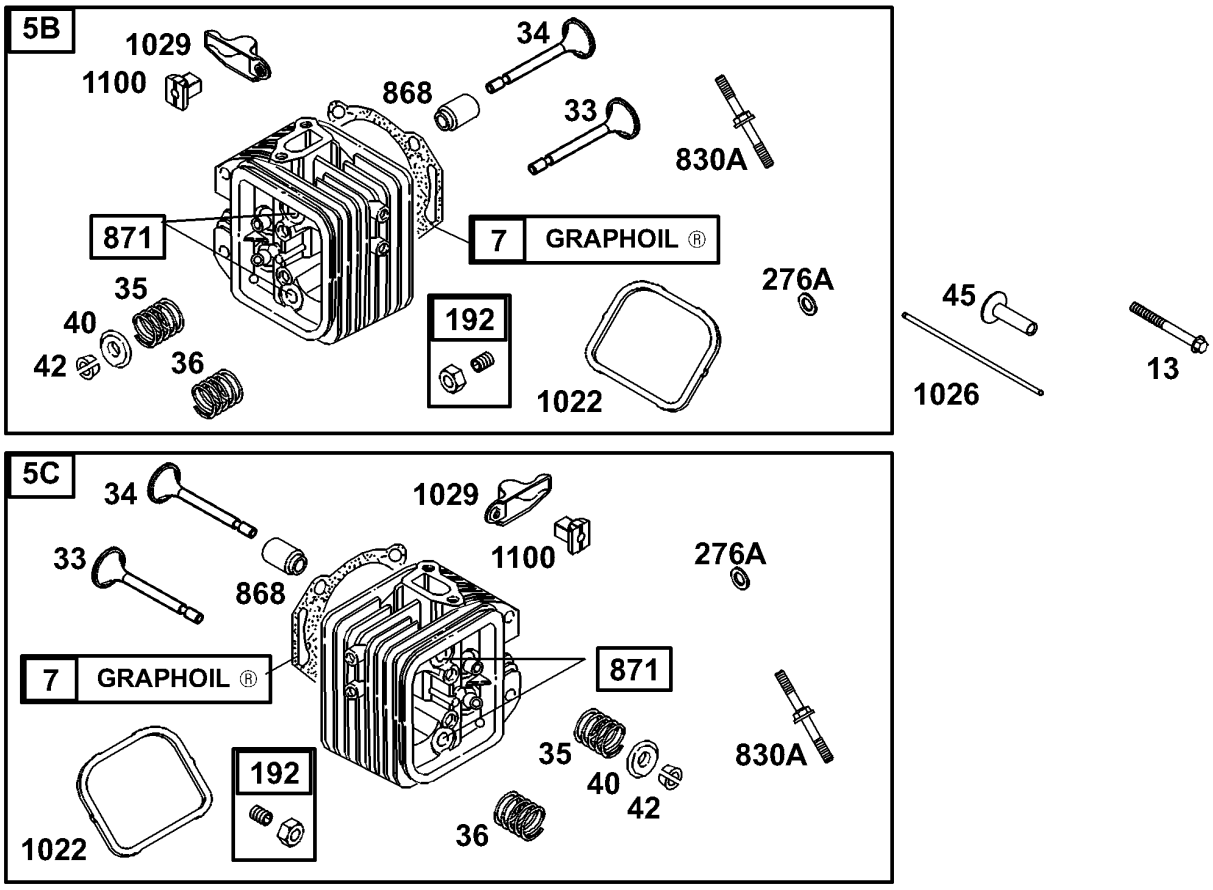


Assemblies include all parts shown in frames.

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

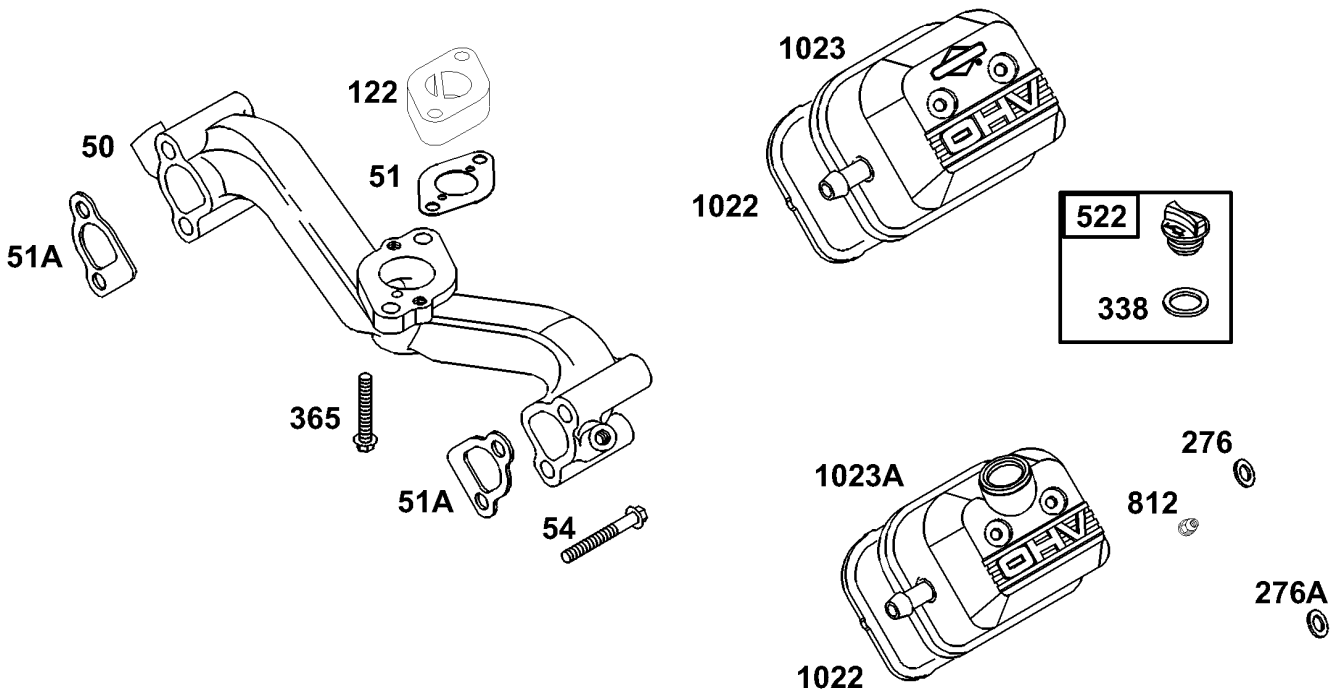
Ref	Part No.	Qty.	Description
❸❻1022 ❼	806039	1	Gasket-Valve Cover
❼1026	691836	1	Rod-push(Intake Valve)
❼	691758	1	Rod-push(Exhaust Valve)
❼1029	691543	1	Arm-Rocker
❼1100	690973	1	Pivot-Rocker Arm
❼1254	807084	1	New Tractor Loose Parts Package 211-3 Only



Assemblies include all parts shown in frames.

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

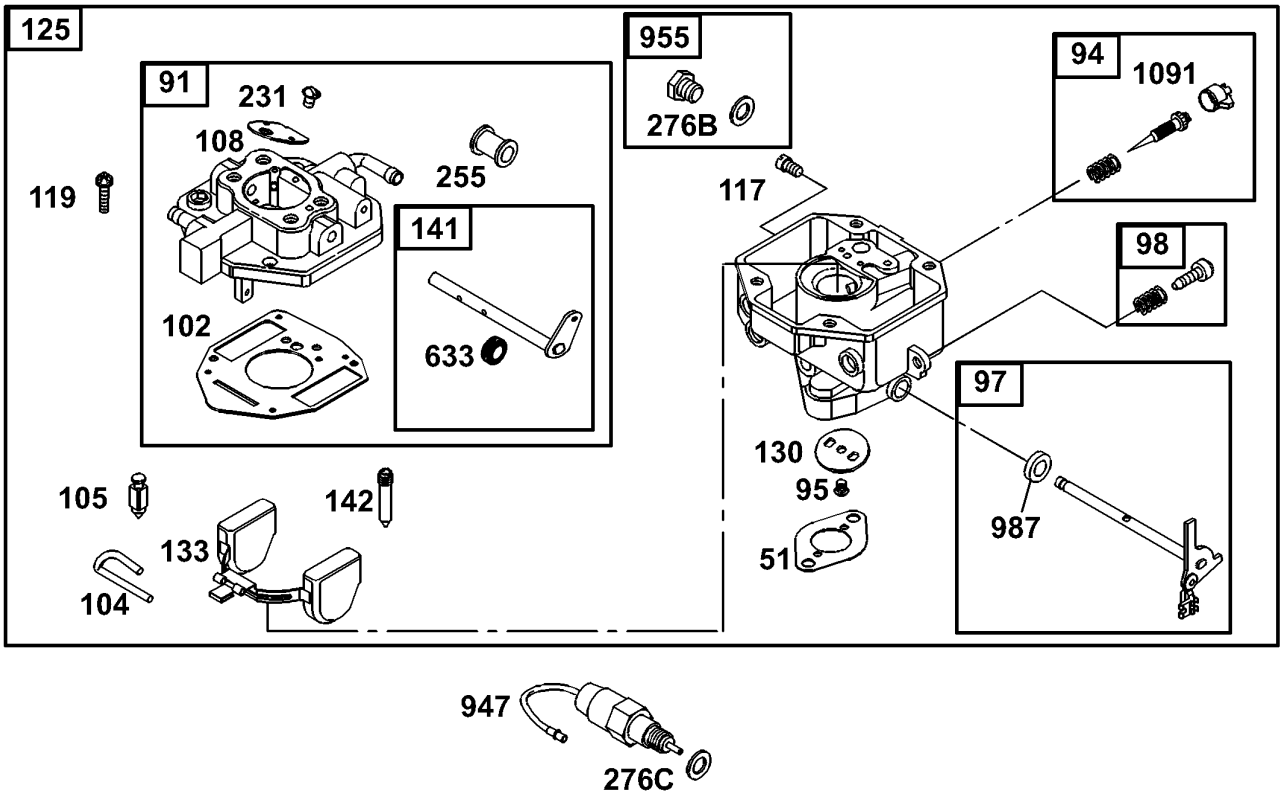
Ref	Part No.	Qty.	Description
❼5B	808383	1	Cylinder Head (No. 1)
❼5C	808384	1	Cylinder Head (No. 2)
❸❻7 ❼	690888	1	Cylinder Head Gasket
❼13	692059	1	Cylinder Head Screw
❼33	807681	1	Valve-Exhaust
❼34	807680	1	Valve-Intake
❼35	692084	1	Spring-valve(Intake)
❼36	692084	1	Spring-valve(Intake)
❼40	692058	1	Retainer-Valve
❼42	807683	1	Keeper-Valve
❼45	690977	1	Tappet-Valve
❼192	807623	1	Screw
❼276A	691766	1	Sealing Washer
❼830A	691544	1	Stud-Rocker Arm
❼868	691963	1	Seal-Valve
❼871	692057	1	Valve Guide
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



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
❸❻❼51A	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)
❸❻❼1022	806039	1	Gasket-Valve Cover
❼1023	691494	1	Cover-Valve
❼1023A	690910	1	Cover-Valve

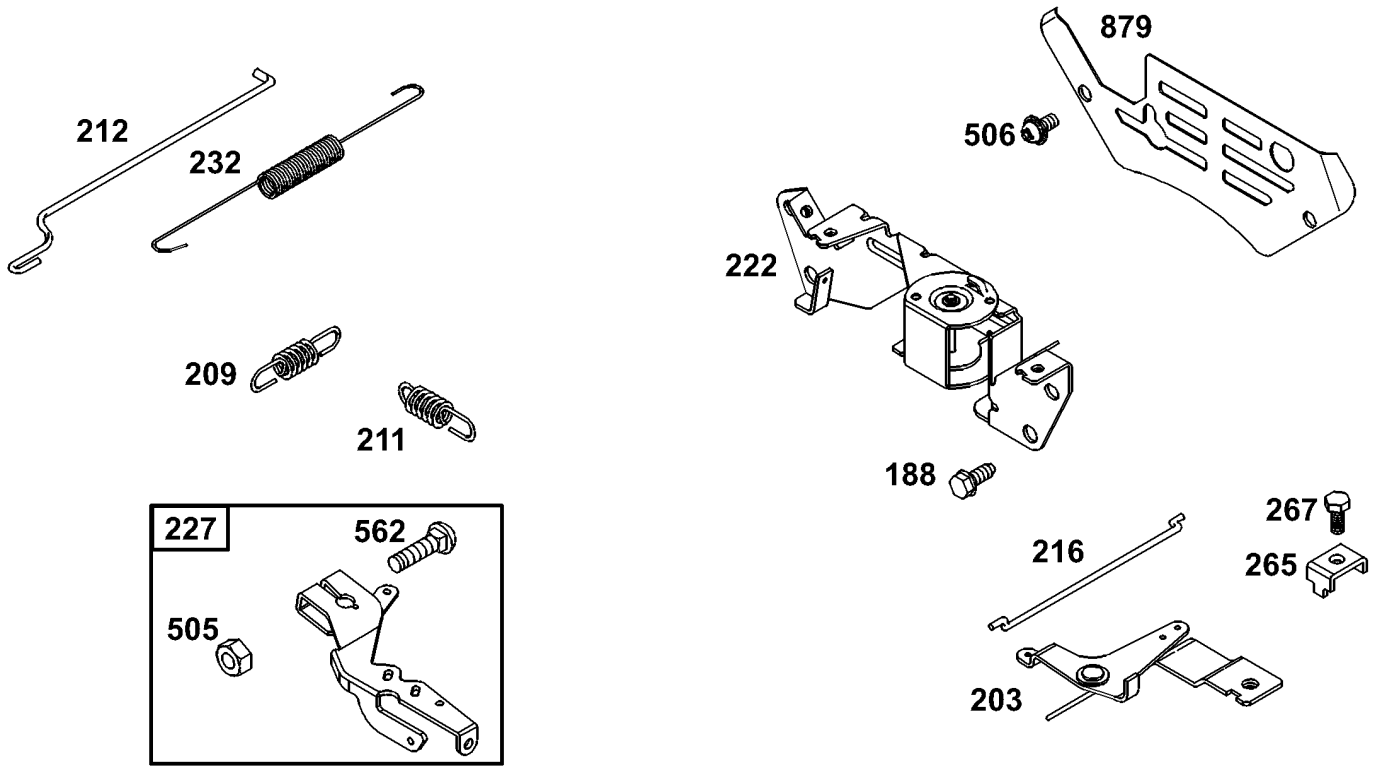


Assemblies include all parts shown in frames.

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

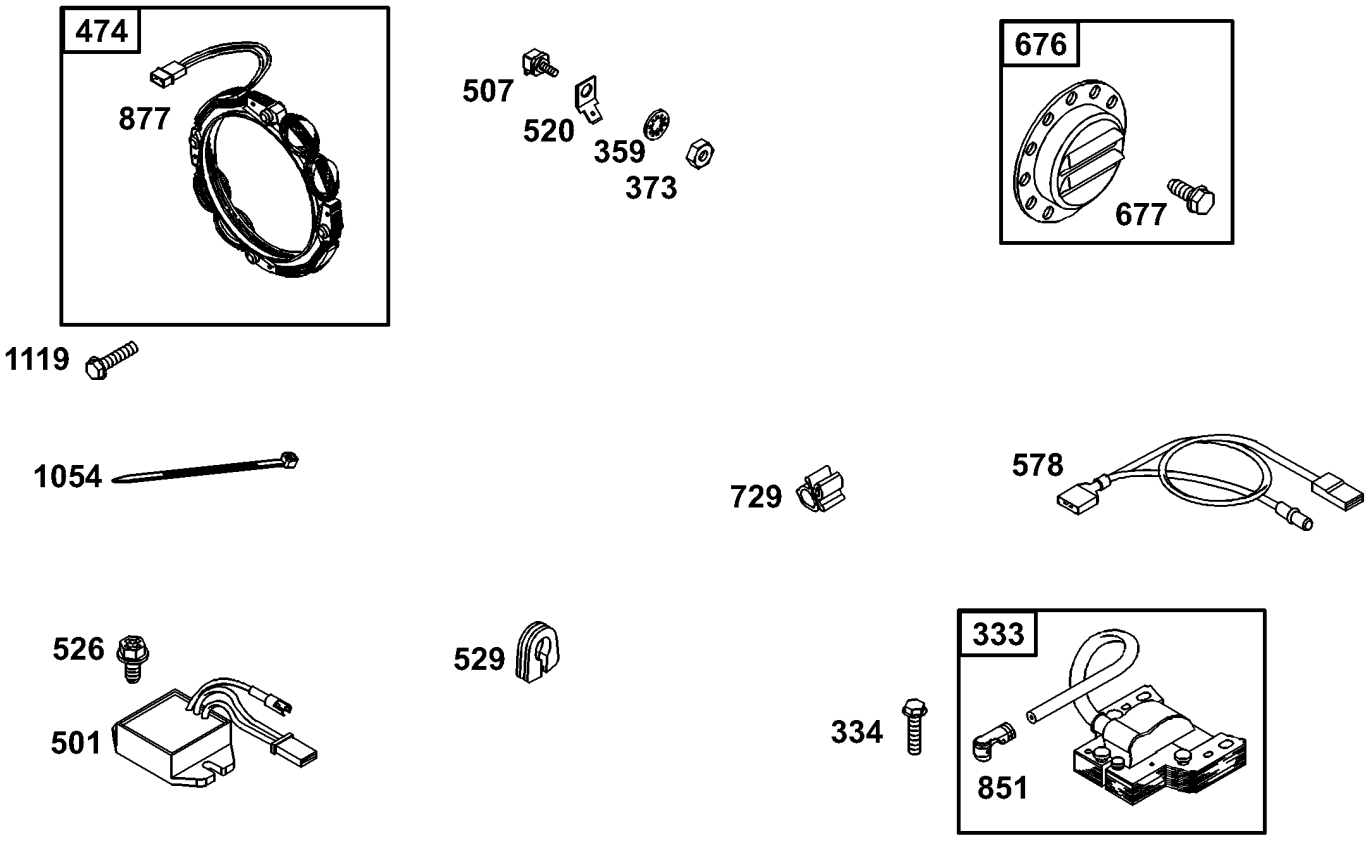
Ref	Part No.	Qty.	Description
❺❼987	806131	1	Seal-Shaft
❺❼1091	691516	1	Cap-Limiter



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton Model 350447-1331-E1

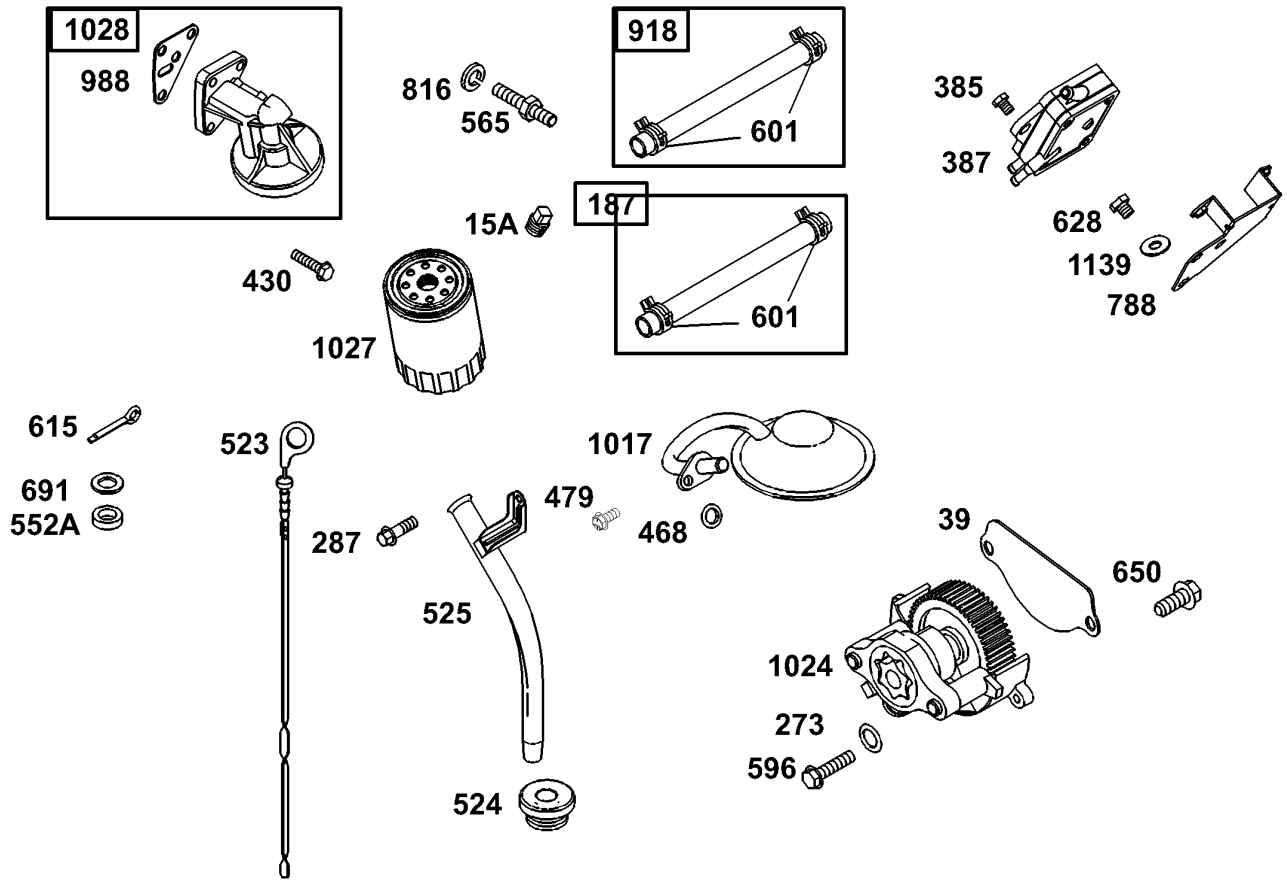
Ref	Part No.	Qty.	Description
❼188	692056	1	Screw (Blower Housing)
❼203	690923	1	Crank-Bell
❼209	806872	1	Governor Spring
❼211	806868	1	Governed Idle Spring
❼	692068	1	Governed Idle Spring (Secondary)
❼212	690712	1	Link-Governor
❼216	690705	1	Link-Choke
❼222	808454	1	Bracket-Control
❼227	690236	1	Lever-Governor 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

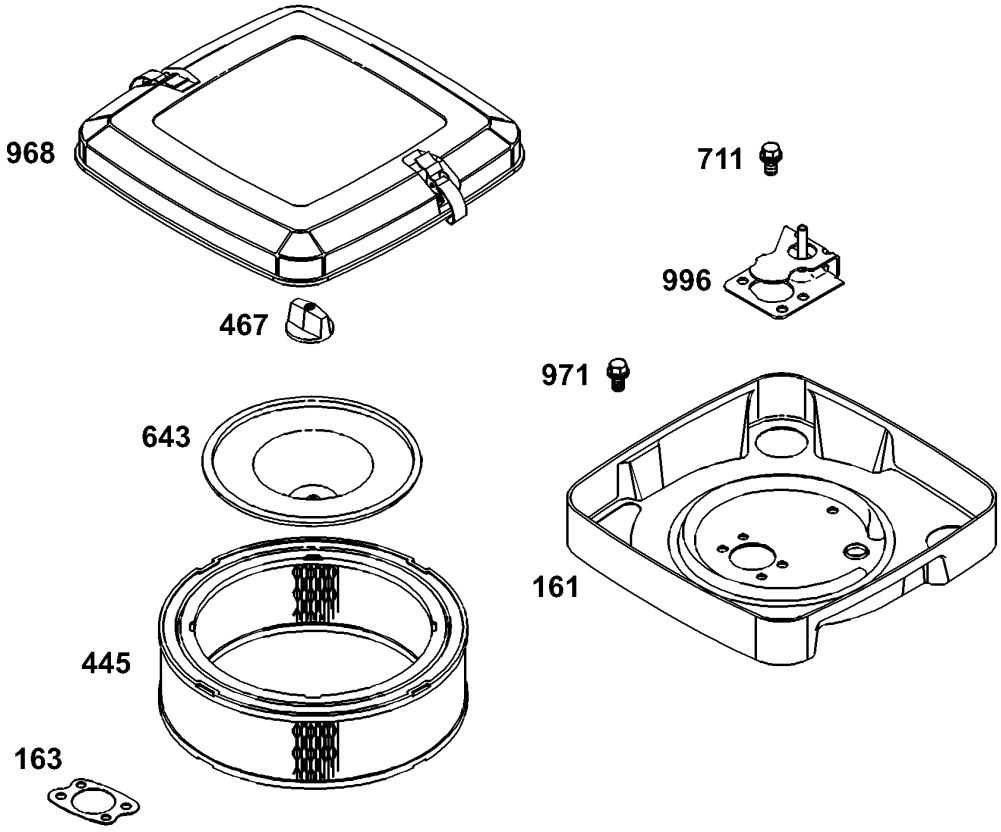


Assemblies include all parts shown in frames.

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

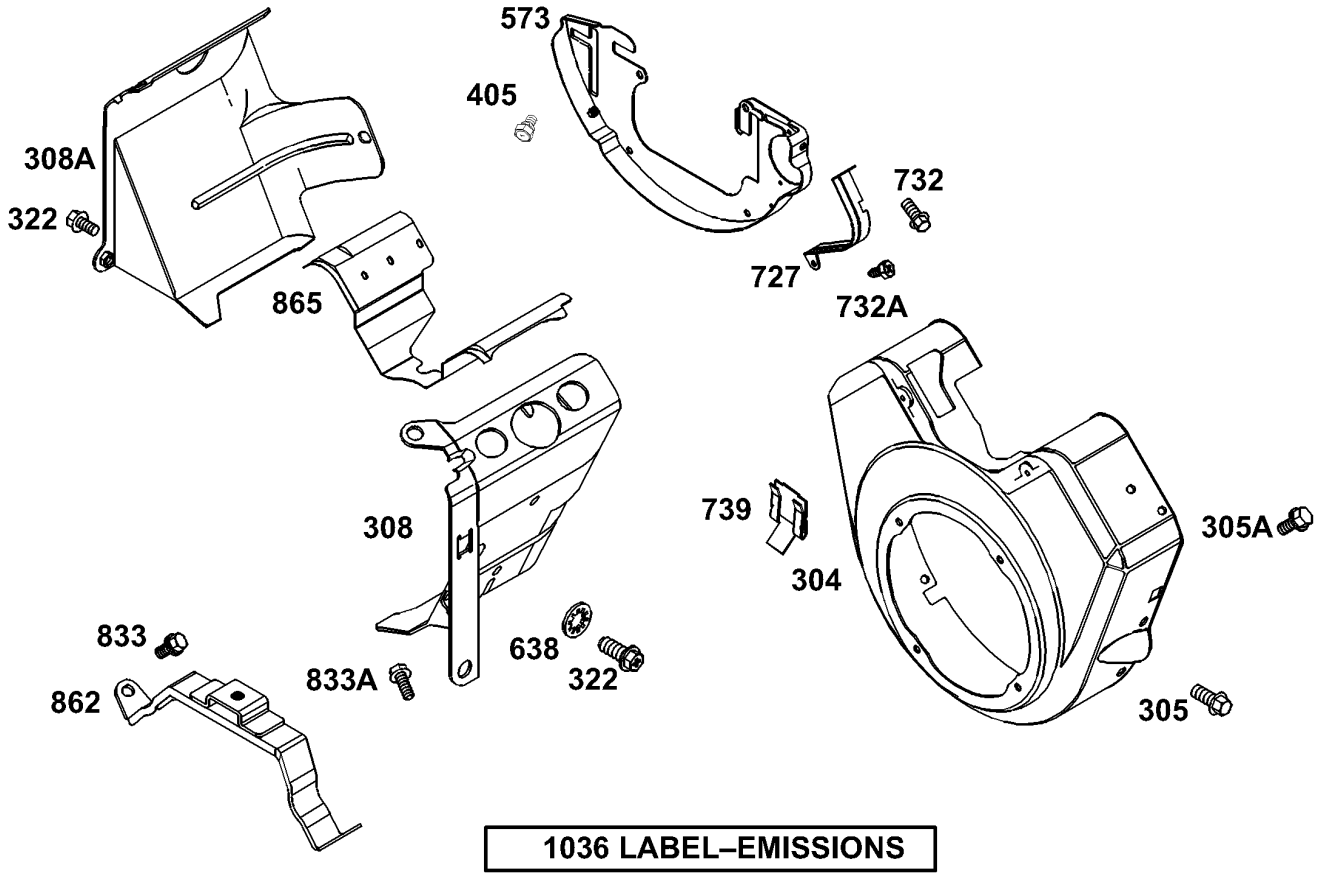
Ref	Part No.	Qty.	Description
❼918	393815	1	Hose-Fuel
❸❼988	692063	1	Oil Adapter Gasket
❼1017	690900	1	Screen-Oil Pump
❼1024	693185	1	Pump-Oil
❼1027	492932	1	Filter-Oil
❼1028	808235	1	Adapter-Oil Filter
❼1139	806497	1	Washer(Fuel Pump Bracket)



Assemblies include all parts shown in frames.

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

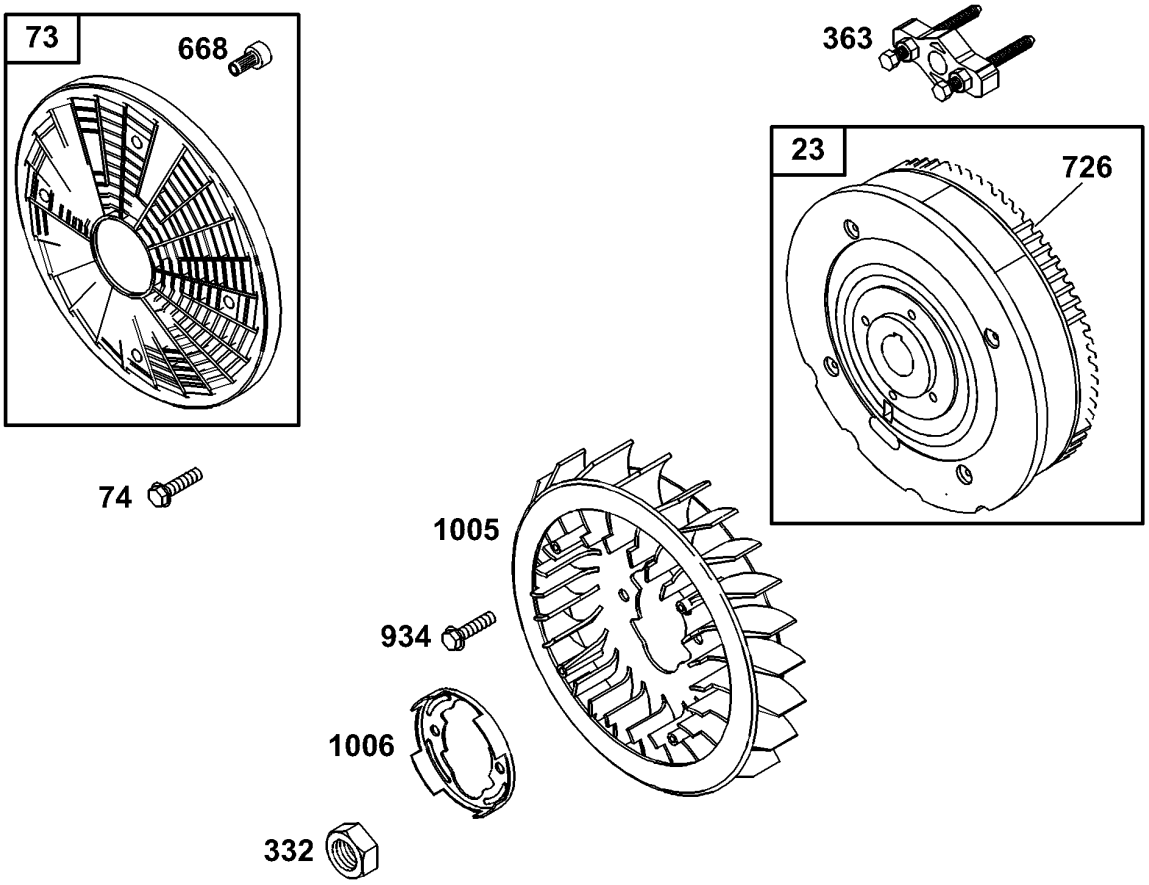
Ref	Part No.	Qty.	Description
❼161	691561	1	Base-Air Cleaner
❼163	692081	1	Air Cleaner Gasket
❼445	394018	1	Filter-Air
❼467	691985	1	Air Cleaner Knob
❼643	692079	1	Air Filter Retainer
❼711	692539	1	Screw
❼968	692097	1	Air Cleaner Cover
❼971	692537	1	Screw
❼996	691577	1	Shield-Carburetor



Assemblies include all parts shown in frames.

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

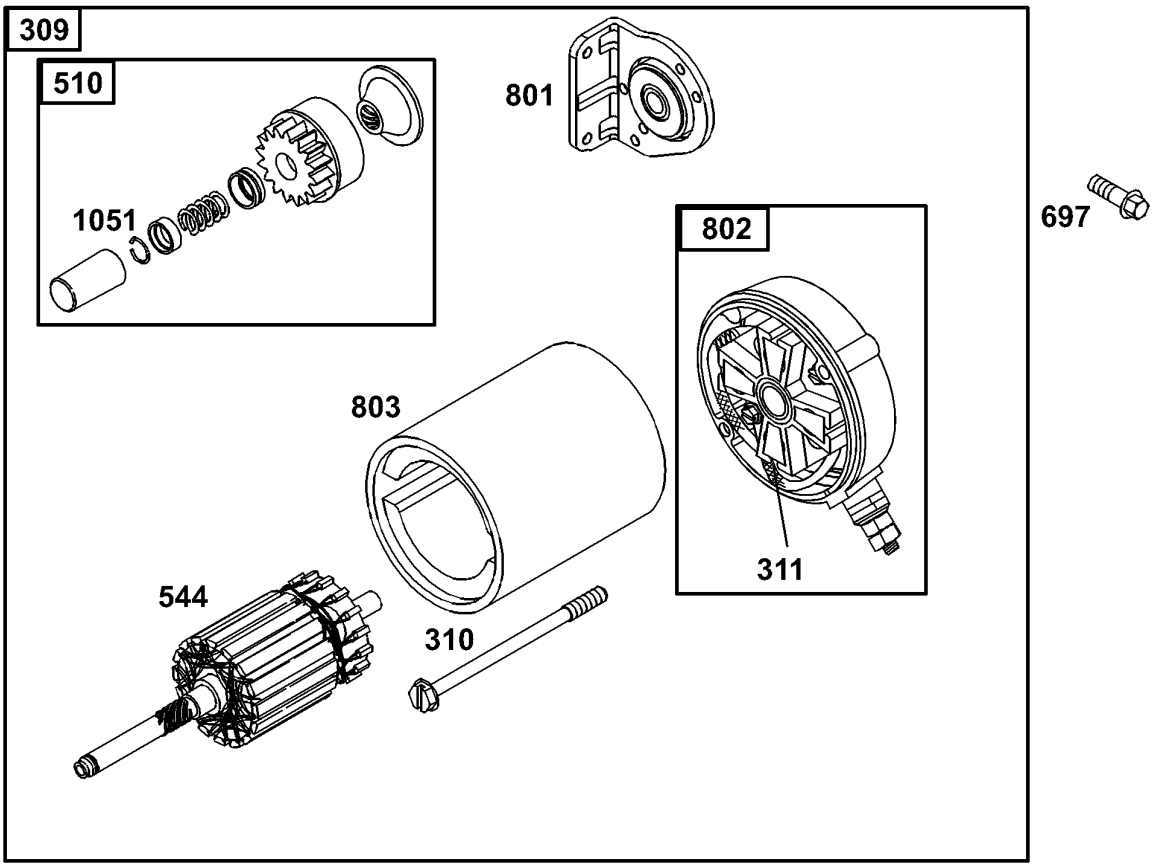
Ref	Part No.	Qty.	Description
❼304	690929	1	Blower Housing
❼305	692539	1	Screw
❼305A	692056	1	Screw (Blower Housing)
❼308	806547	1	Cylinder Head Cover (Cyl. #1)
❼308A	806546	1	Cylinder Head Cover (Cyl. #2)
❼322	692539	1	Screw
❼405	807163	1	Discontinued
❼573	690902	1	Back Plate
❼638	691551	1	Washer-Lock
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

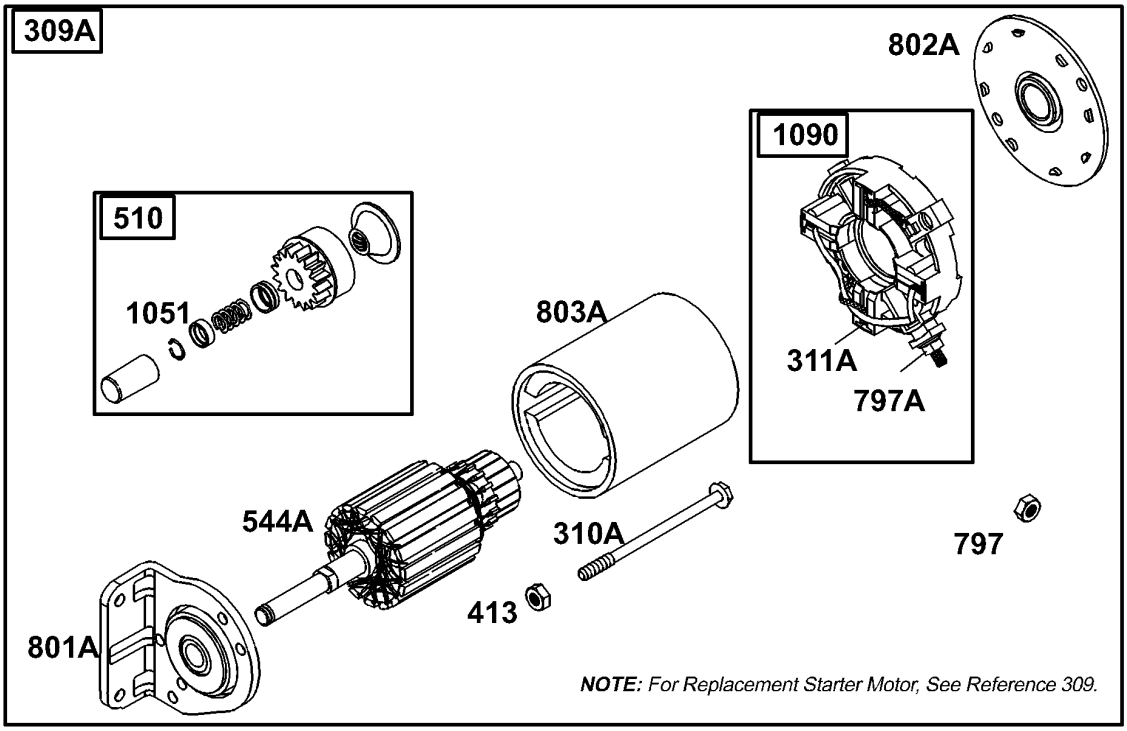
Ref	Part No.	Qty.	Description
❼23	808768	1	Flywheel
❼73	494439	1	Screen-Rotating
❼74	691647	1	Screw (Rotating Screen)
❼332	690887	1	Nut
❼363	19203	1	Puller-Flywheel
❼668	691500	1	Spacer
❼726		1	Ring Gear (Sold In Flywheel Kit Only, See Ref. 23)
❼934	691058	1	Screw (Fan Retainer)
❼1005	690911	1	Flywheel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



Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton Model 350447-1331-E1

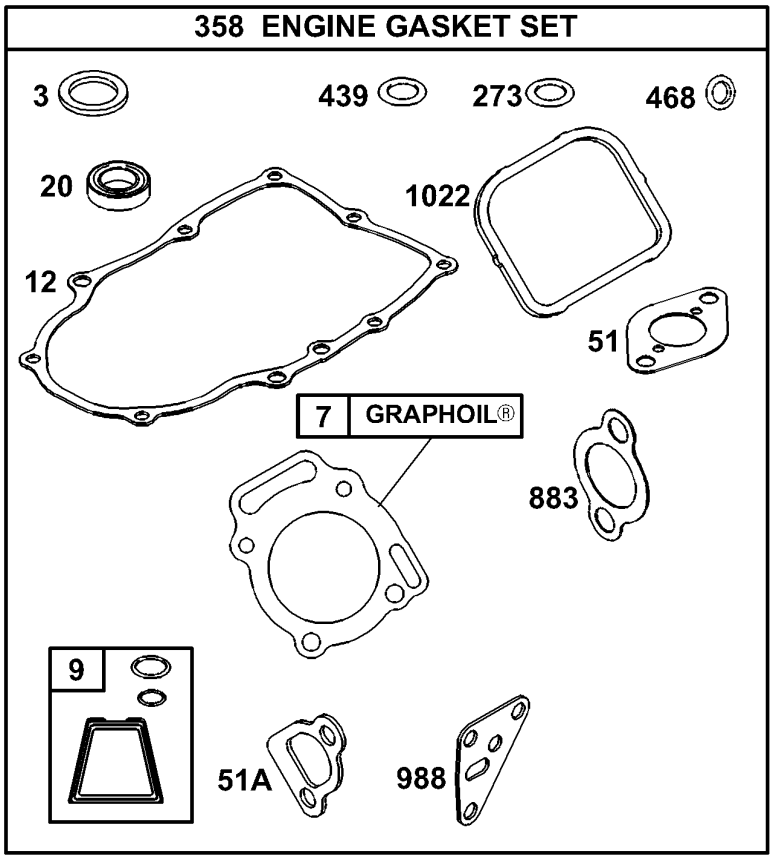
Ref	Part No.	Qty.	Description
❼309	691564	0	Motor-Starter
❼310	496880	1	Bolt-Thru
❼311	496887	1	Brush Set
❼510	496881	1	Drive-Starter
❼544	690855	1	Armature-Starter
❼697	692062	1	Screw (Drive Cap)
❼801	808778	1	Cap-Drive
❼802	496813	1	Bolt
❼803	690854	1	Housing-Starter
❼1051	691124	1	Lock Ring

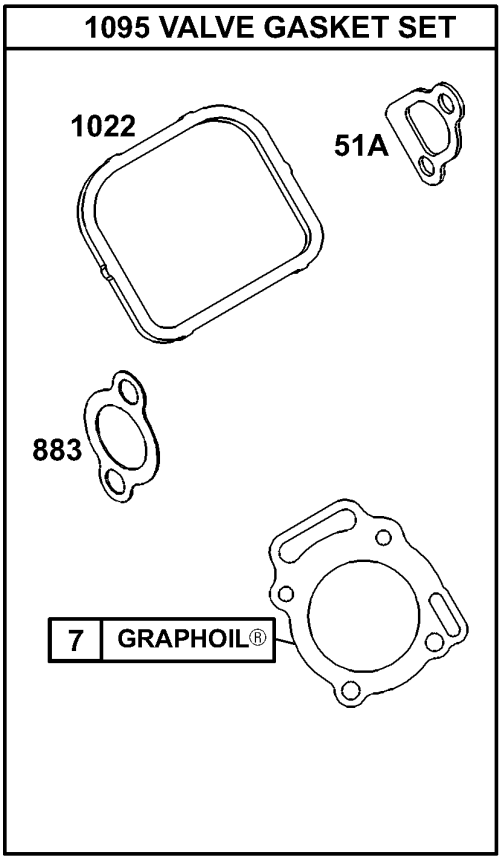


Assemblies include all parts shown in frames.

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

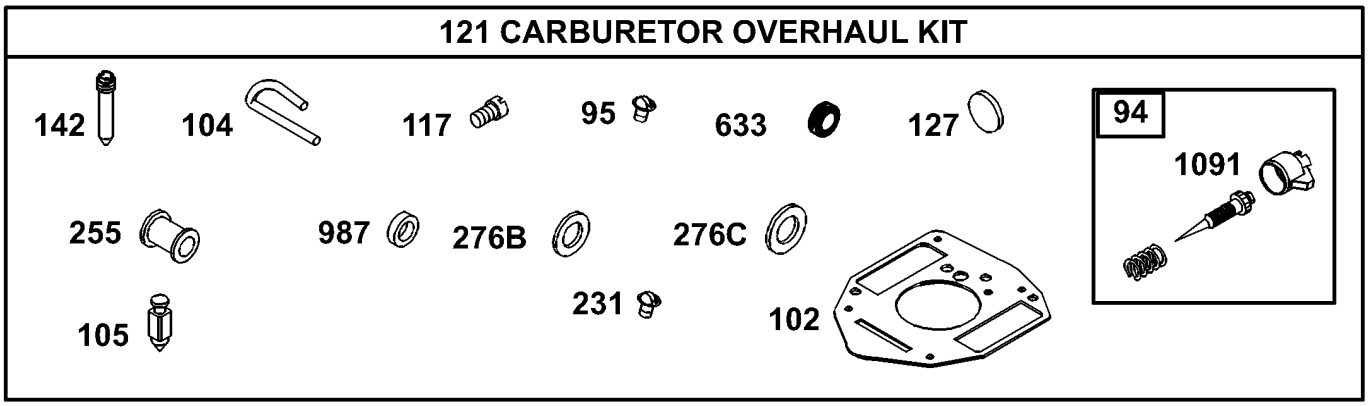




Assemblies include all parts shown in frames.

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

NOTES


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