



Greensmaster® 3150

Model No. 04357 - 230001701 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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

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

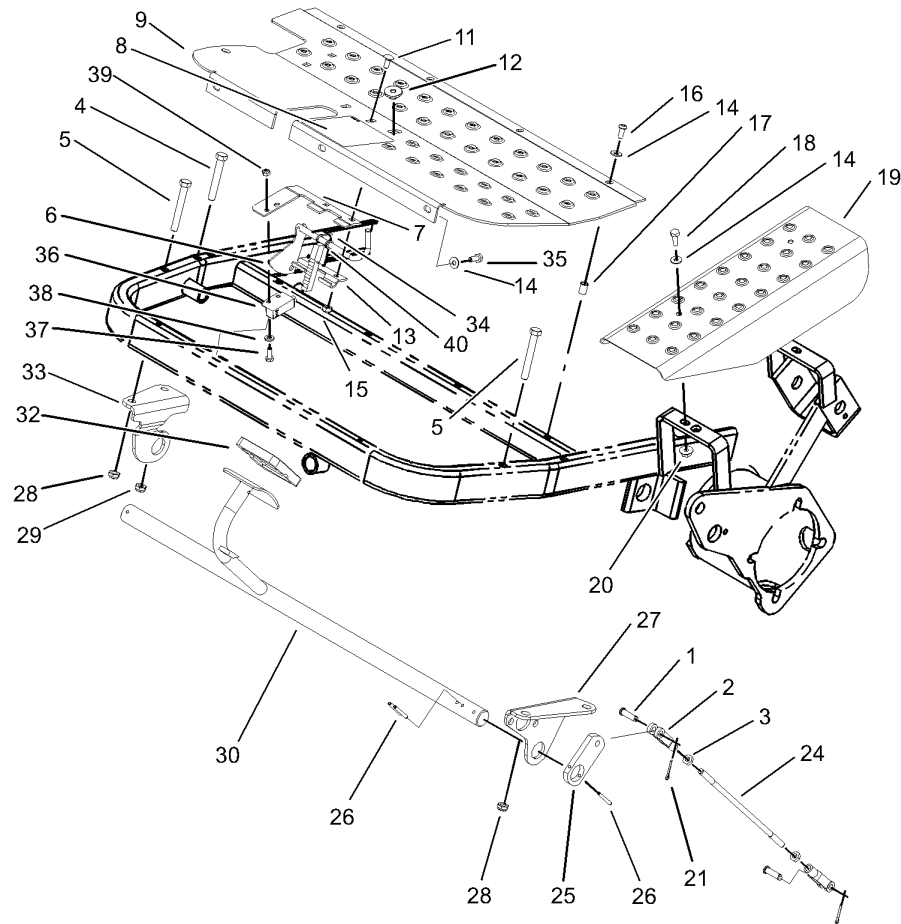
Obtain parts from your local Briggs and Stratton dealer

PROTOTYPE

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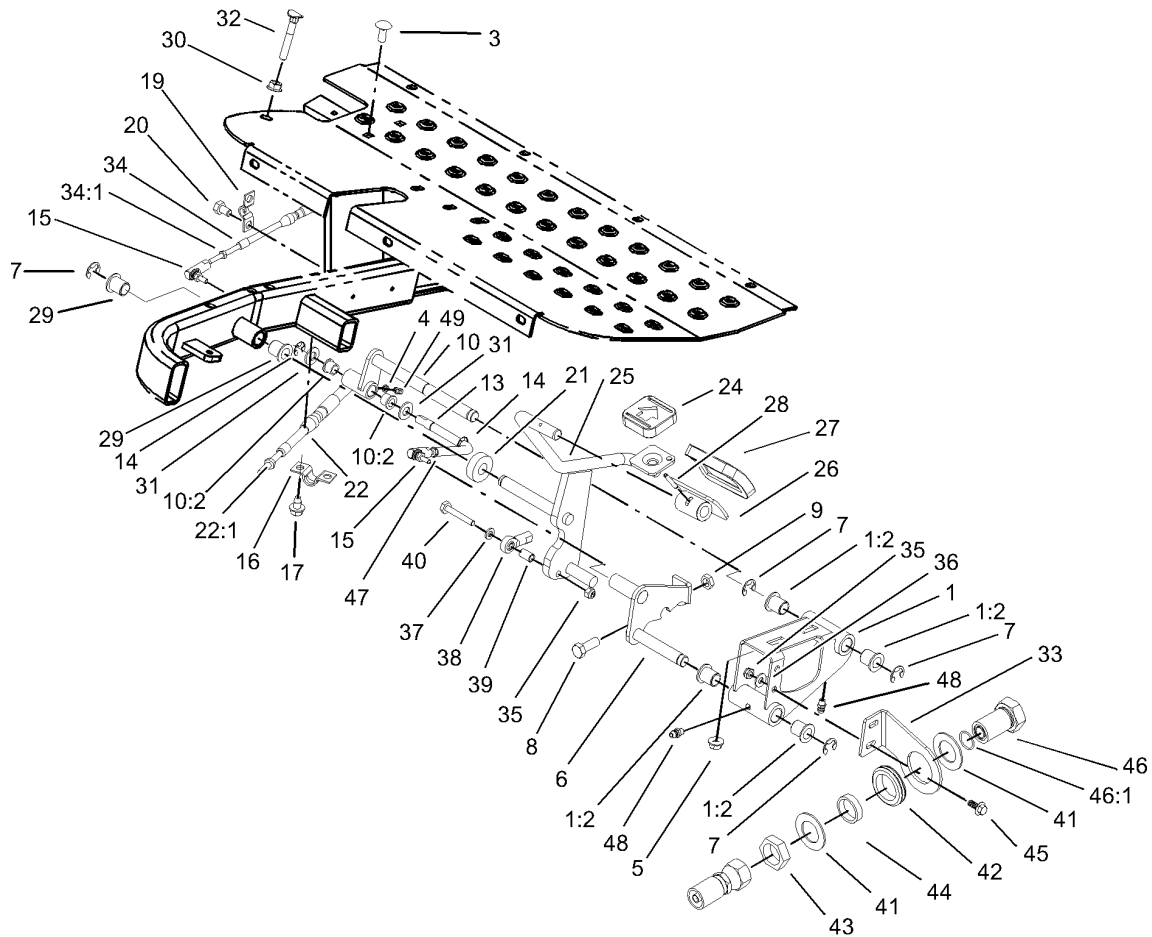
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PROTOTYPE



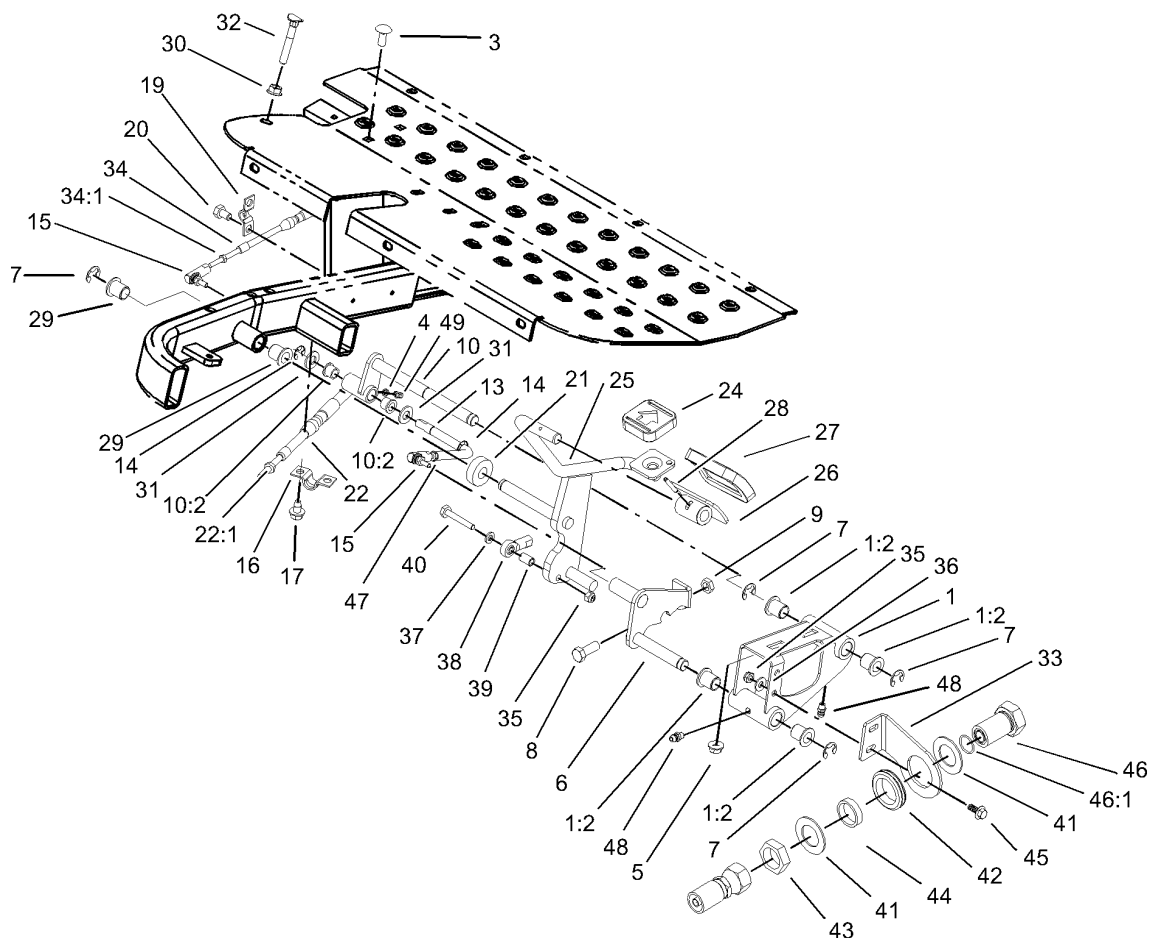
Brake Pedal Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	283-61	4	Pin-Yoke	28	104-8301	3	Nut-Flange, NI
2	282-2	4	Yoke	29	3296-59	1	Nut-Lock, NI
3	3220-2	4	Nut	30	83-0160	1	Shaft-Brake
4	323-12	1	Screw-HH	32	93-7629	1	Pad-Foot, Brake
5	323-13	3	Screw-HH	33	105-0440-01	1	Bracket-Brake, RH
6	100-9819	1	Latch ASM	34	10-8140	1	Spring-Latch, Brake
7	100-9821	1	Plate-Switch, Reed	35	321-3	3	Screw-HH
8	93-8062	1	Decal-Brake, Parking	36	104-2057	1	Sensor
9	105-0463-01	1	Plate-Footrest	37	48-7620	2	Screw-HH
11	3229-11	2	Screw-CARR	38	33093-00	2	Washer-Flat
12	32141-111	1	Nut-Adjusting	39	49-7810	2	Nut-Lock
13	95-1629	1	Hinge-Lower	40	75-5470	2	Spacer-Bearing
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				



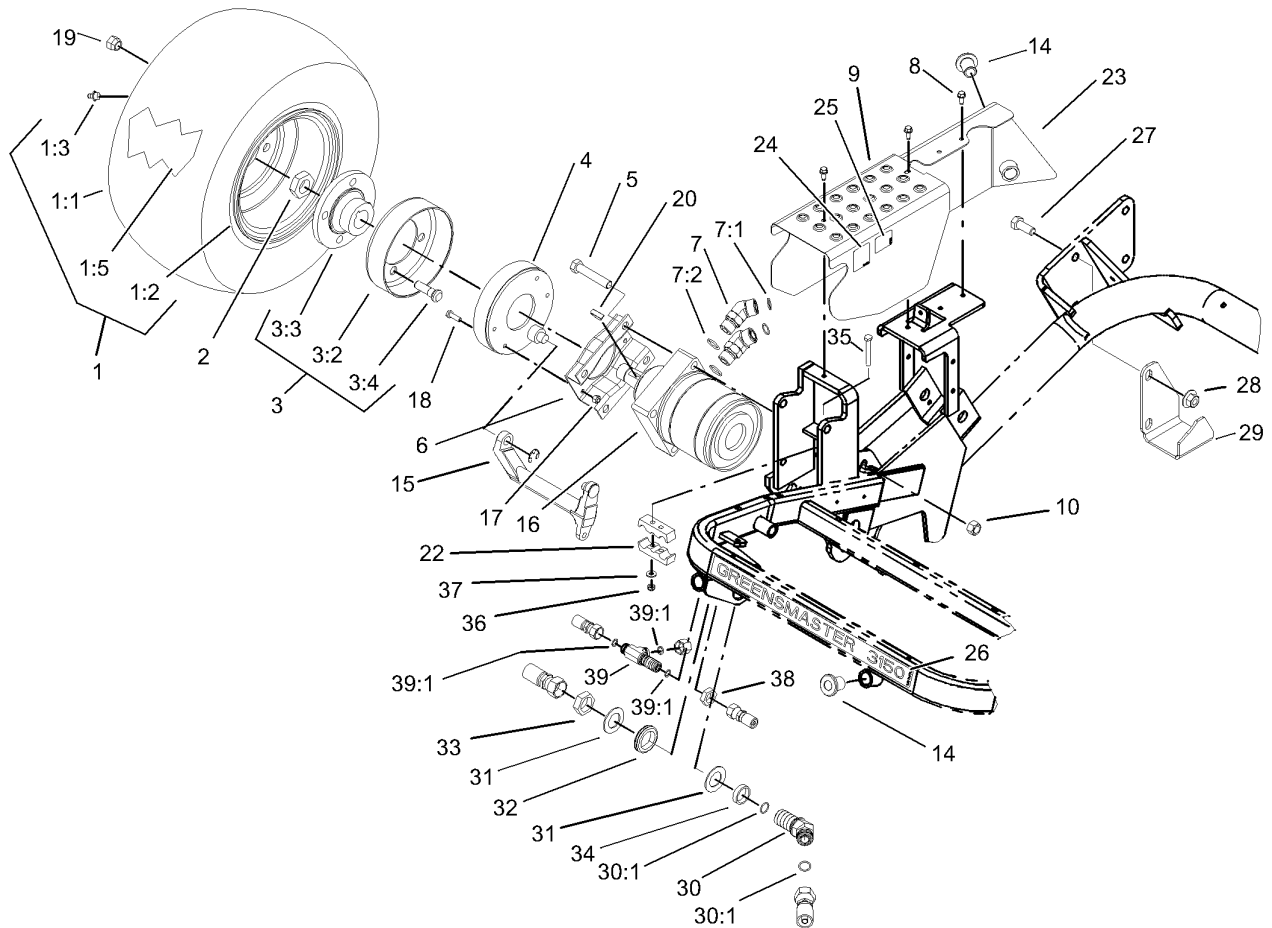
Traction Pedal Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-4620	1	Pivot Mount ASM	27	74-9100	1	Pad-Pedal, Forward
1:2	256-155	4	Bushing-Flange	28	32121-45	1	Pin-Spring
3	3230-1	2	Bolt-CARR	29	256-155	2	Bushing-Flange
4	3254-8	1	Washer-Lock	30	32128-20	1	Nut-HF
5	104-8300	2	Nut-Flange, NI	31	3256-24	2	Washer-Flat
6	105-5425	1	Lock-ASM	32	17-9426	1	Screw-Handle
7	32120-47	4	Ring-Retaining, External	33	105-8290-01	1	Bracket-Bulkhead, Front
8	323-6	1	Screw-HH	34	105-5444	1	Cable-Lock, Neutral
9	3217-7	1	Nut-Hex	34:1	3219-14	2	Nut-Hex
10	106-4621	1	Support ASM	35	3296-56	3	Nut-Lock, NI
10:2	256-116	2	Bushing-Flange	36	3256-22	2	Washer-Flat
13	105-5430	1	Rod-Connecting	37	105-8318	1	Washer-Flat
14	32120-18	2	E-Ring	38	2411-41	1	Joint-Ball
15	2411-38	2	Joint-Ball	39	80-0650	1	Spacer-Tubular
16	93-2092	1	Clamp-Cable	40	321-10	1	Screw-HH
17	9266934	2	Screw	41	69-9010	2	Washer
19	93-2279	1	Clamp-Cable	42	240-3	1	Grommet-Rubber
20	322-1	2	Screw-HH	43	340-74	1	Locknut-Bulkhead
21	105-5429	1	Spacer-Pedal, Traction	44	69-9000	1	Spacer
22	105-5445	1	Cable-Traction	45	99-6810	2	Screw-HH
22:1	3220-1	2	Nut-Jam	46	105-5491	1	Tube-HYD
24	74-9110	1	Pad-Pedal, Reverse	46:1	237-58	1	O-Ring
25	105-5421-01	1	Traction Pedal ASM	47	3219-14	1	Nut-Hex
26	49-6440-03	1	Pedal-Forward	48	302-5	2	Fitting-Grease



Traction Pedal Assembly (continued)

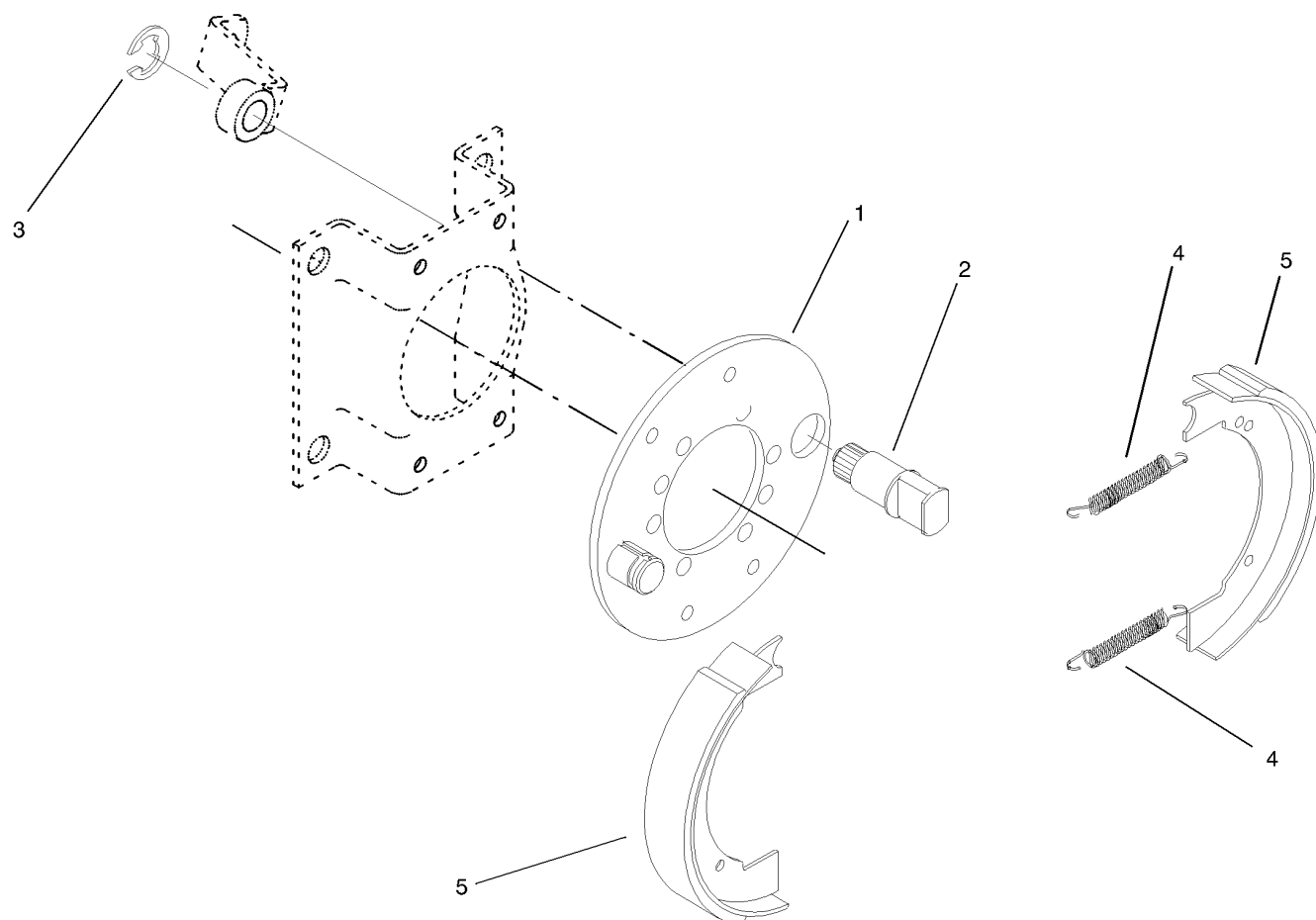
Ref	Part No.	Qty.	Description
49	302-60	1	Fitting-Grease



Front Wheel and Brake Assembly

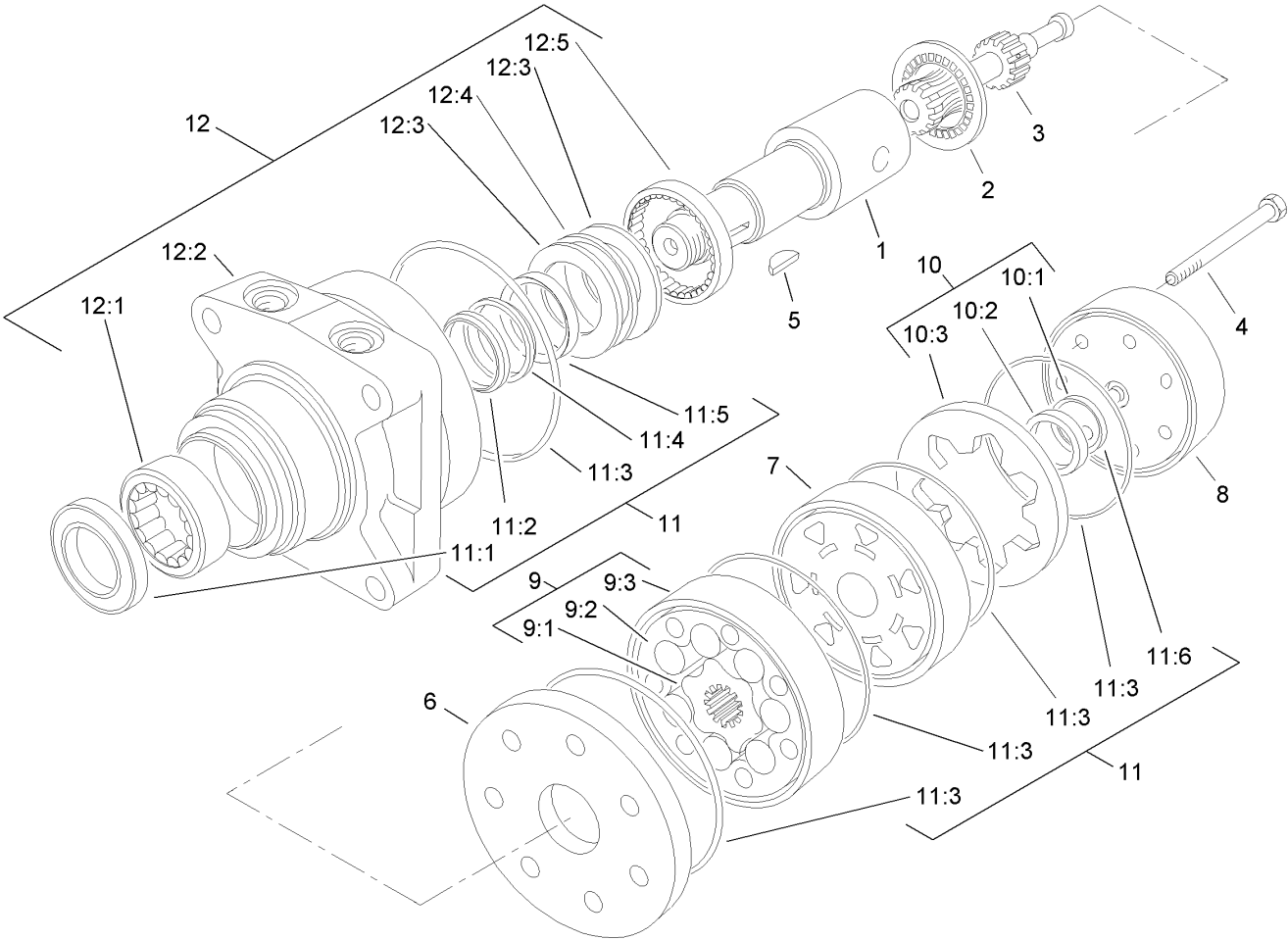
Ref	Part No.	Qty.	Description
1		2	Wheel And Tire ASM
1:1	28-3680	1	Tire
1:2	217-60	1	Rim
1:3	232-27	1	Stem-Valve
1:5	232-37	1	Tube
2	26-3790	2	Nut-Lock
3	10-6821	2	Brake Drum ASM
3:2	10-6850	1	Drum-Brake
3:3	10-6870-03	1	Hub-Wheel
3:4	85-6540	4	Stud-Drive
4	104-7705	2	Brake ASM
5	325-11	8	Screw-HH
6	84-2000-03	2	Bracket-Brake
7	340-14	4	Fitting-Hyd, 45 DEG
7:1	237-65	1	O-Ring
7:2	237-80	1	O-Ring
8	32144-10	4	Screw-HWH
9	105-0433-01	1	Channel-Step, RH
10	3296-23	8	Nut-Lock, NI
14	83-1700	3	Bushing-Flange
15	93-2096	2	Lever-Brake
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
21	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	340-73	1	Fitting-45, Bulkhead Union
30:1	237-65	2	O-Ring
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



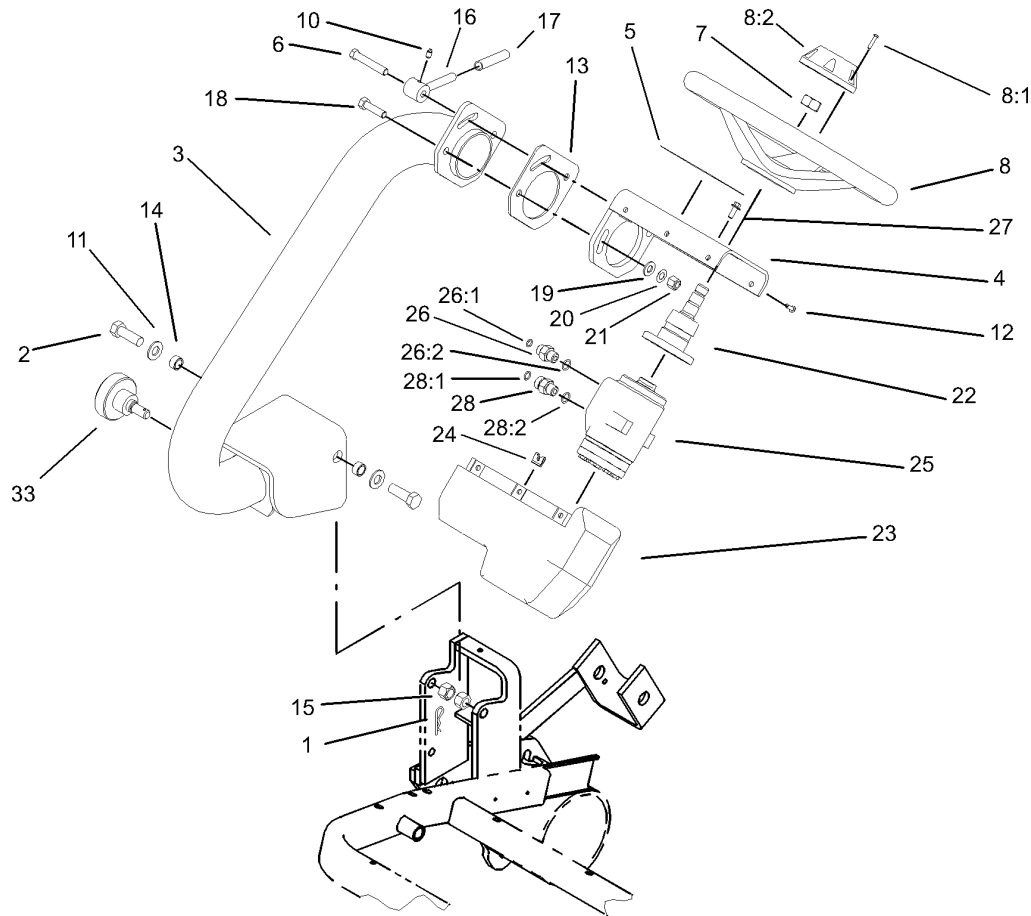
Brake Assembly No. 104-7705

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

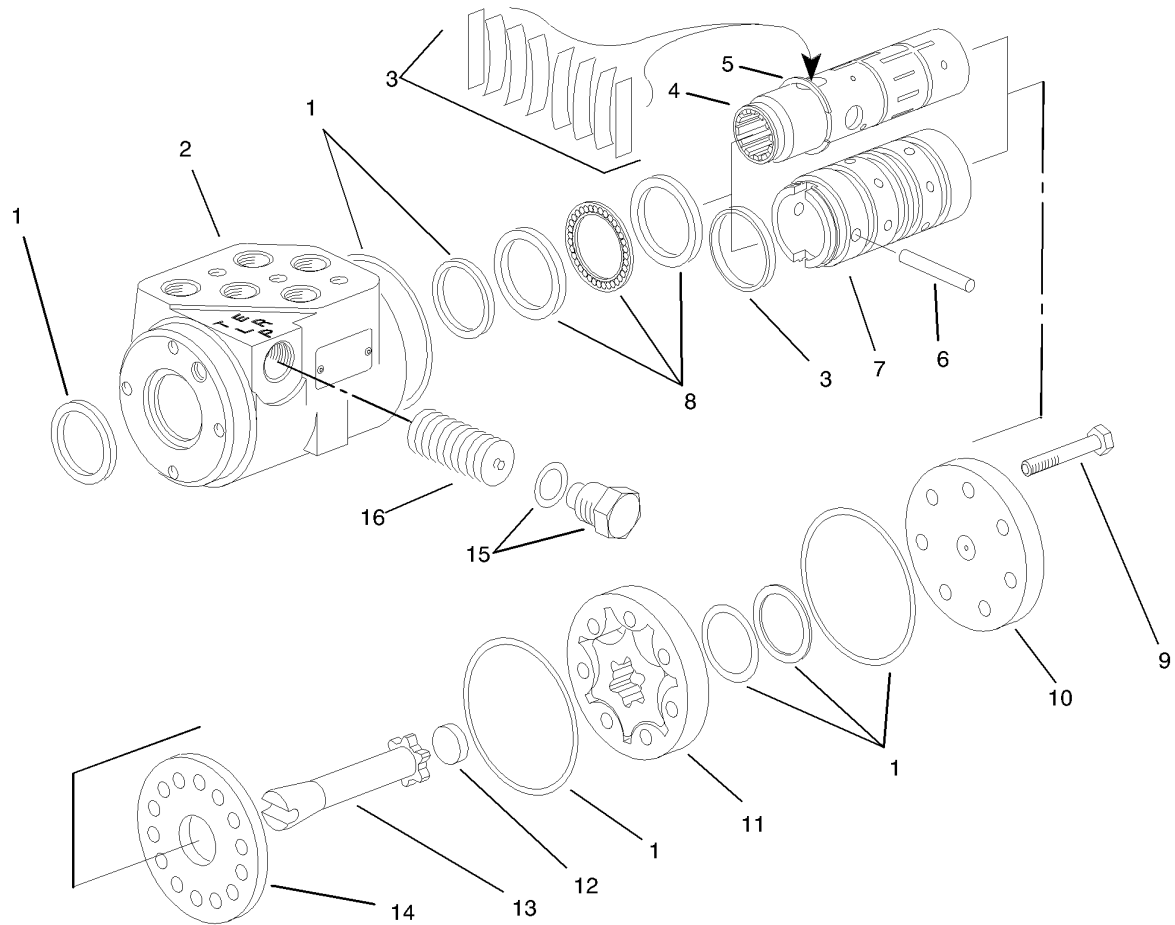
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling	12:1		1	Bearing
2	76-0850	1	Bearing-Thrust	12:2		1	Housing
3	92-9761	1	Link-Drive	12:3		2	Washer-Thrust
4	92-9762	7	Screw-HH	12:4		1	Bearing-Thrust
5	3257-42	1	Key-Woodruff	12:5		1	Bearing
6	76-0870	1	Plate-Wear				
7	76-0840	1	Manifold				
8	76-0940	1	End Cover ASM				
9	92-9763	1	Rotor Set				
9:1		1	Rotor				
9:2		1	Vane				
9:3		1	Stator				
10	76-0880	1	Commutator ASM				
10:1		1	Seal-Commutator				
10:2		1	Commutator				
10:3		1	Ring-Commutator				
11	94-8178	1	Seal Kit				
11:1		1	Seal-Dirt & Water				
11:2		1	Washer-Backup				
11:3		5	Seal-Ring				
11:4		1	Washer-Backup				
11:5		1	Seal-Inner				
11:6		1	Seal-Commutator				
12	76-0810	1	Housing ASM				



Steering Arm Assembly

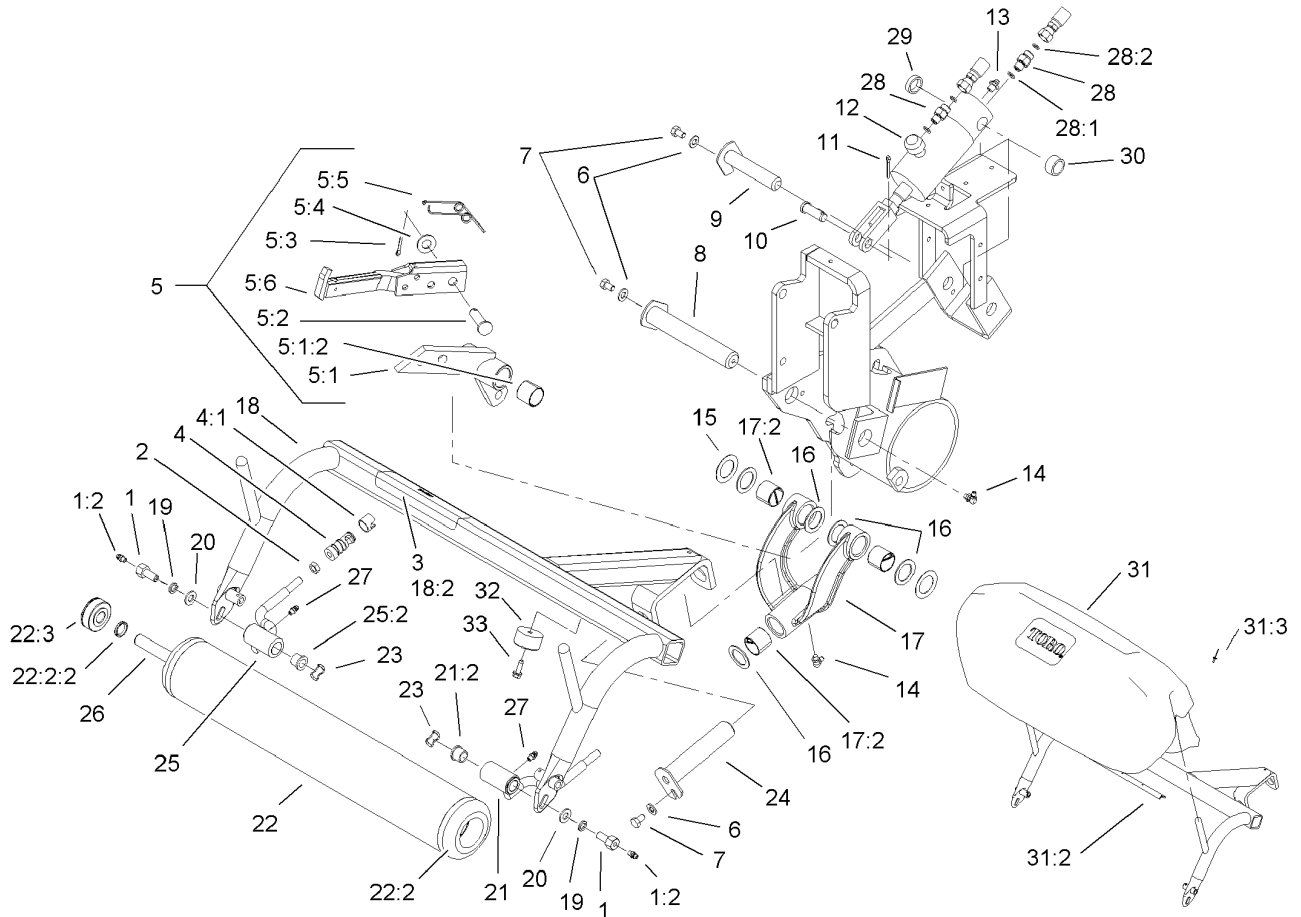
Ref	Part No.	Qty.	Description
1	3290-467	1	Pin-Hair
2	325-6	2	Screw-HH
3	105-0418-01	1	Steering Arm ASM
4	105-4316-03	1	Steering Mount ASM
5	93-8063	1	Decal-Caution, Ce
5	104-2053	1	Decal-Warning
6	105-4326	1	Screw-Hh, LH
7	107-2562	1	Nut-Hex
8	75-0560	1	Wheel-Steering
8:1	32144-21	1	Screw
8:2	68-5140	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				
2		1	Housing				
3	94-4095	1	Centering Spring Kit				
4		1	Spool				
5	94-4098	1	Ring-Retaining				
6	94-4094	1	Pin				
7		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				



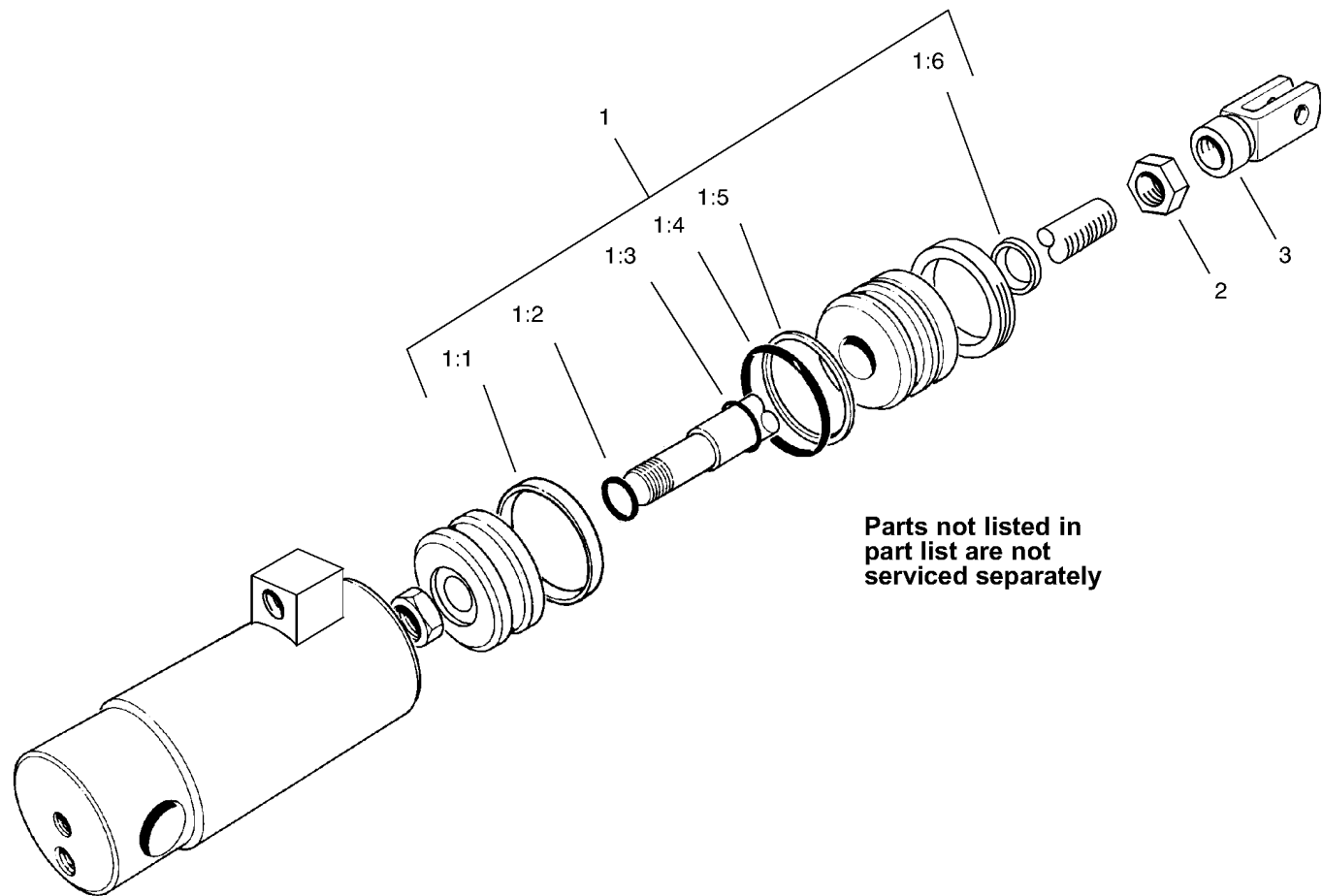
Right Hand Pull Frame Assembly

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		1	RH Lift Arm ASM
5:1	62-2440	1	Lift Arm ASM
5:1:2	3-0348	2	Bushing
5:2	63-8750	1	Pin-Pivot
5:3	3272-11	1	Pin-Cotter
5:4	3256-26	1	Washer-Flat
5:5	57-7650	1	Spring-Torsion
5:6	94-5588-01	1	Bar-Lift
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	105-3822	1	HYD Cylinder ASM
13	302-2	1	Fitting-Grease
14	302-60	2	Fitting-Grease
15	5-1226	4	Washer

Ref	Part No.	Qty.	Description
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
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
22:2		2	Hub Yoke ASM
22:2:2	253-83	1	Seal-Oil
22:3	251-141	2	Bearing-Ball
23	3290-317	2	Washer-Spring
24	10-6090	1	Pin-Pivot
25	92-0585	1	Pull Arm ASM
25:2	3-1506	2	Bushing
26	21-8470	1	Shaft-Roller
27	302-5	2	Fitting-Grease
28	340-92	2	Fitting-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

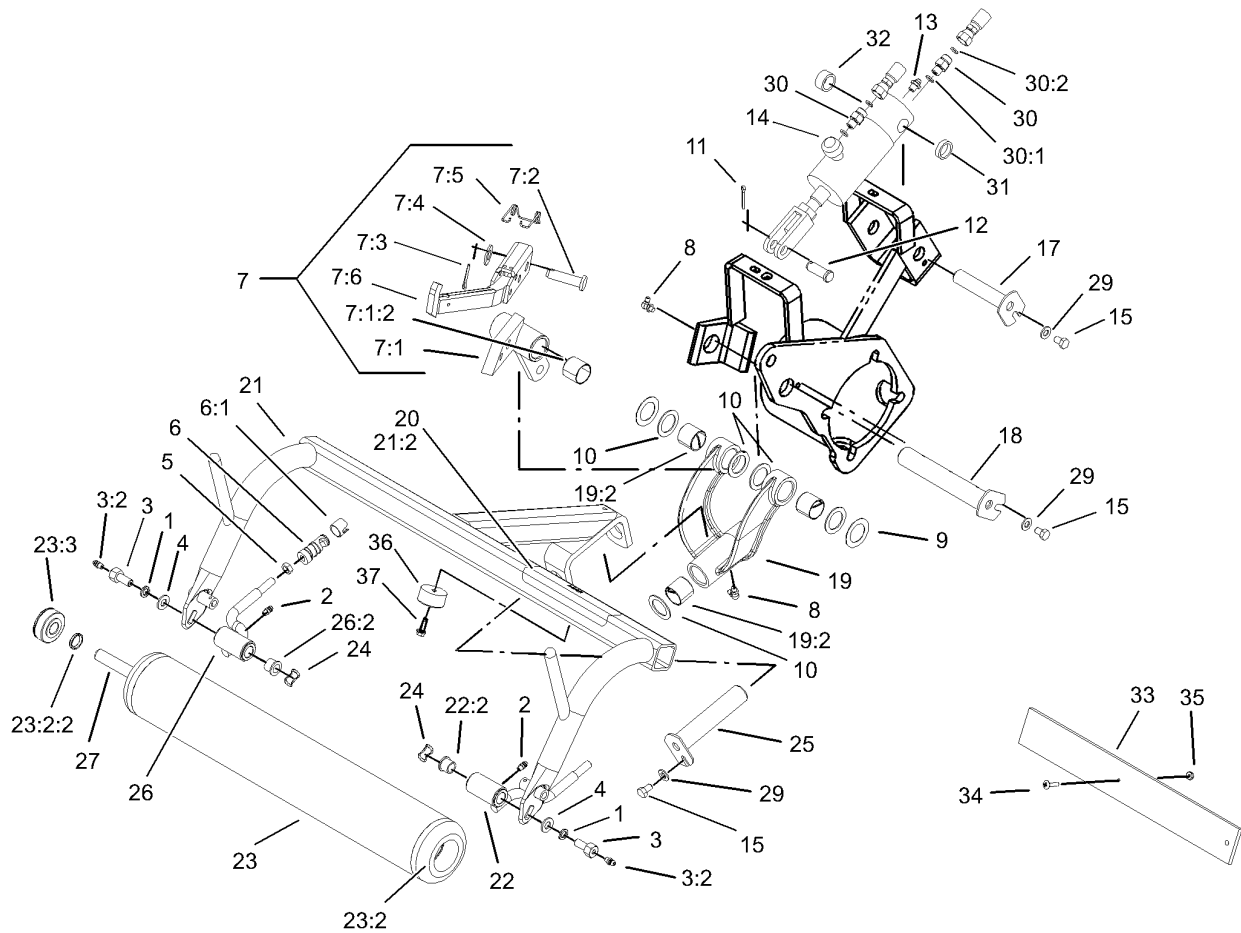


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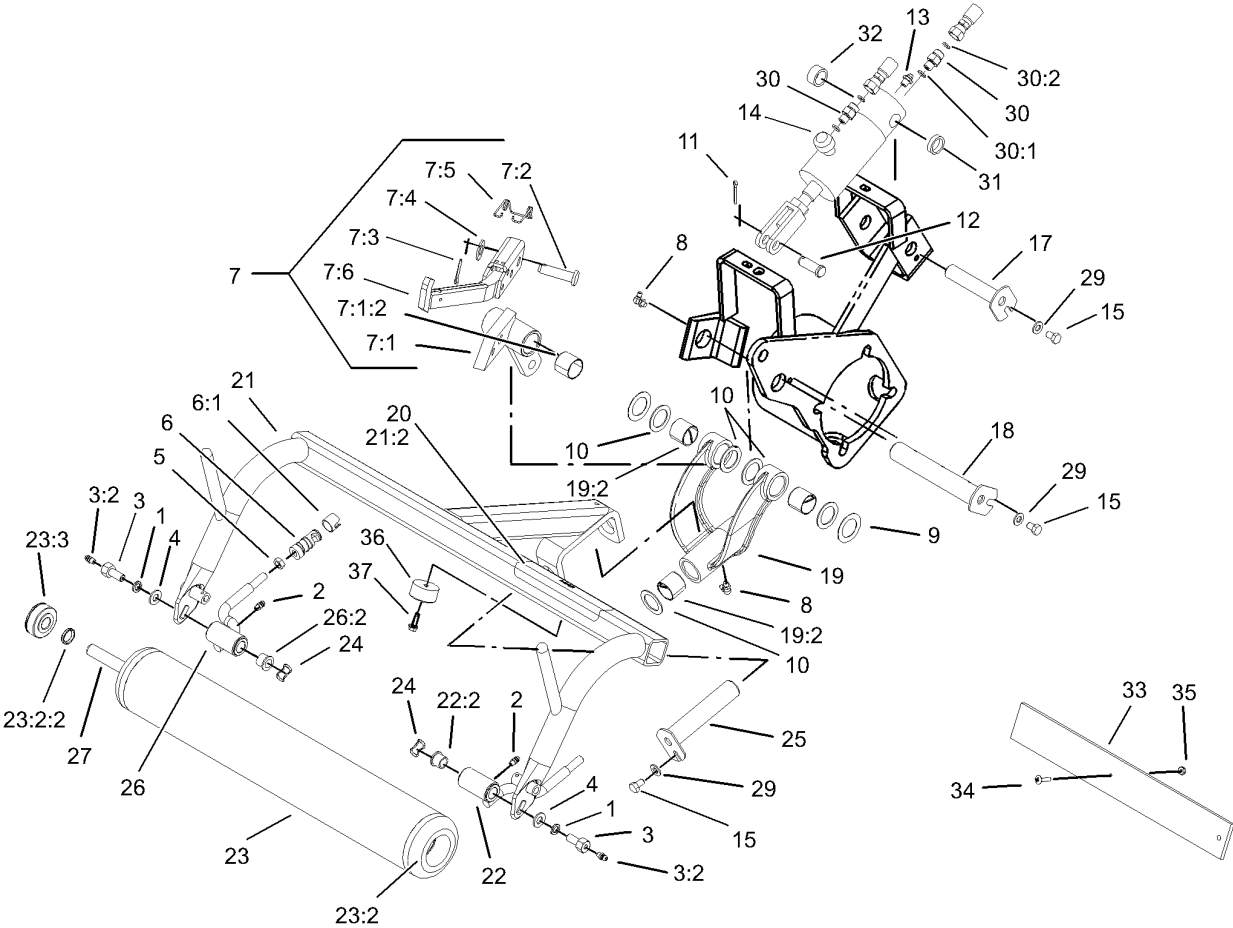
Hydraulic Cylinder Assembly No. 105-3822

Ref	Part No.	Qty.	Description				
1	105-3836	1	Seal Kit				
1:1		1	T-Seal				
1:2		1	O-Ring				
1:3		1	Seal-Rod				
1:4		1	O-Ring				
1:5		1	Backup				
1:6		1	Seal-Dust				
2	3220-6	1	Nut-Jam				
3	76-1850	1	Clevis				



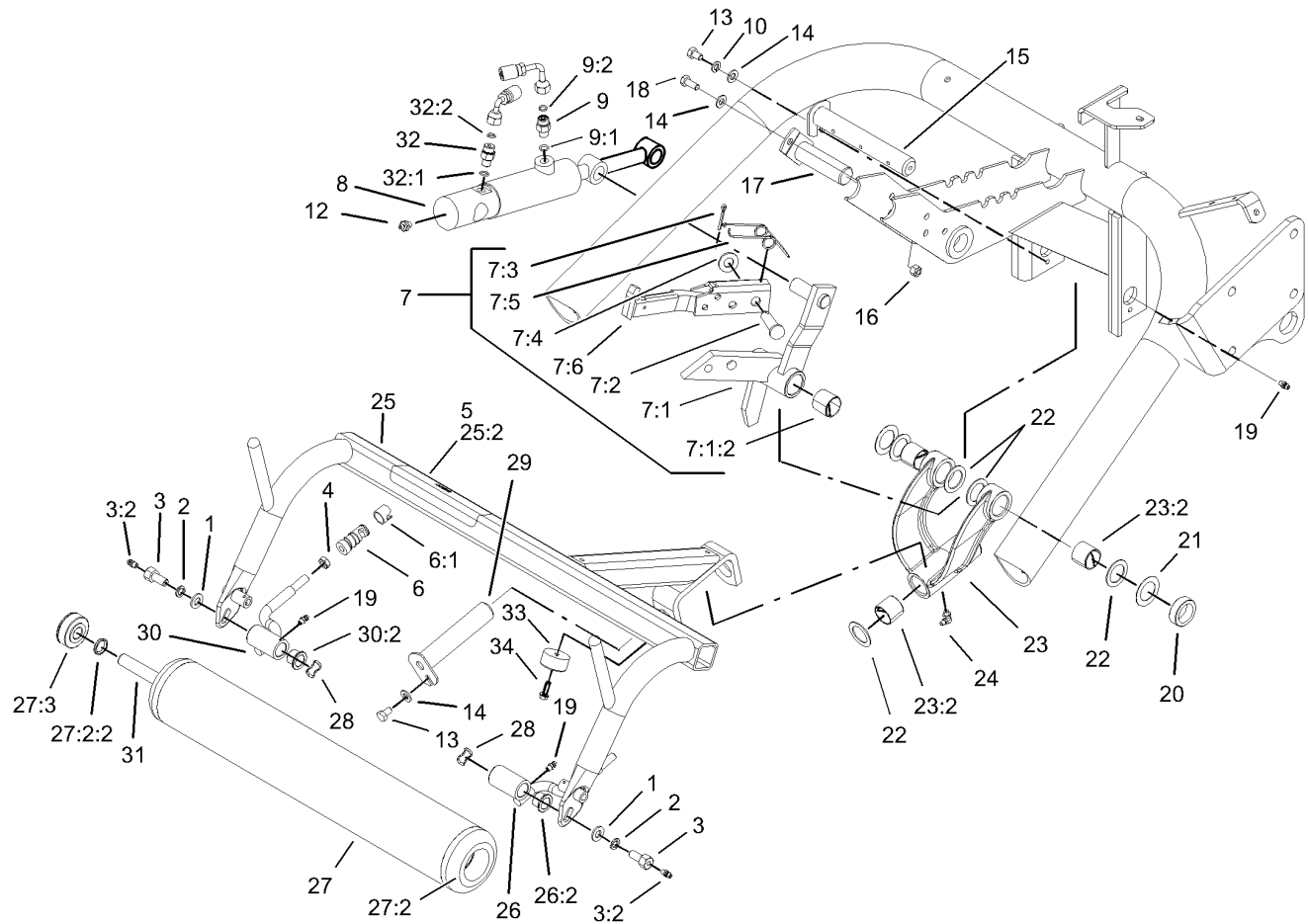
Left Hand Pull Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3253-21	2	Washer-Lock	17	10-6060	1	Pin-Pivot, Ram
2	302-5	2	Fitting-Grease	18	10-6110	1	Pin-Hinge
3	11-0160	2	Roller Shaft Screw ASM	19	10-7820	1	Pivot Hinge ASM
3:2	302-5	1	Fitting-Grease	19:2	3-0348	4	Bushing
4	3256-24	2	Washer-Flat	20	93-8064	1	Decal-Danger, Ce
5	3220-3	2	Nut-Jam	21	104-2054	1	Left Pull Frame ASM
6	99-1460	2	Ball Joint Receiver ASM	21:2	62-5070	1	Decal-Warning
6:1	99-1461	1	Sleeve-Joint, Ball	22	92-0586	1	Pull Arm ASM
7		1	LH Lift Arm ASM	22:2	3-1506	2	Bushing
7:1	62-2460	1	Lift Arm ASM	23	99-4277	1	Roller ASM
7:1:2	3-0348	2	Bushing	23:2		2	Hub Yoke ASM
7:2	63-8750	1	Pin-Pivot	23:2:2	253-83	1	Seal-Oil
7:3	3272-11	1	Pin-Cotter	23:3	251-141	2	Bearing-Ball
7:4	3256-26	1	Washer-Flat	24	3290-317	2	Washer-Spring
7:5	57-7650	1	Spring-Torsion	25	10-6090	1	Pin-Pivot
7:6	94-5586-01	1	Bar-Lift	26	92-0585	1	Pull Arm ASM
8	302-60	2	Fitting-Grease	26:2	3-1506	2	Bushing
9	5-1226	4	Washer	27	21-8470	1	Shaft-Roller
10	10-8110	6	Washer-Thrust	29	3256-23	3	Washer-Flat
11	3272-11	1	Pin-Cotter	30	340-92	2	Fitting-Hyd, Straight
12	283-8	1	Pin-Clevis	30:1	237-78	1	O-Ring
13	302-2	1	Fitting-Grease	30:2	237-21	1	O-Ring
14	105-3822	1	HYD Cylinder ASM	31	105-3828	1	Spacer
15	322-1	3	Screw-HH	32	74-3730	1	Spacer-Spindle, Rear



Left Hand Pull Frame Assembly (continued)

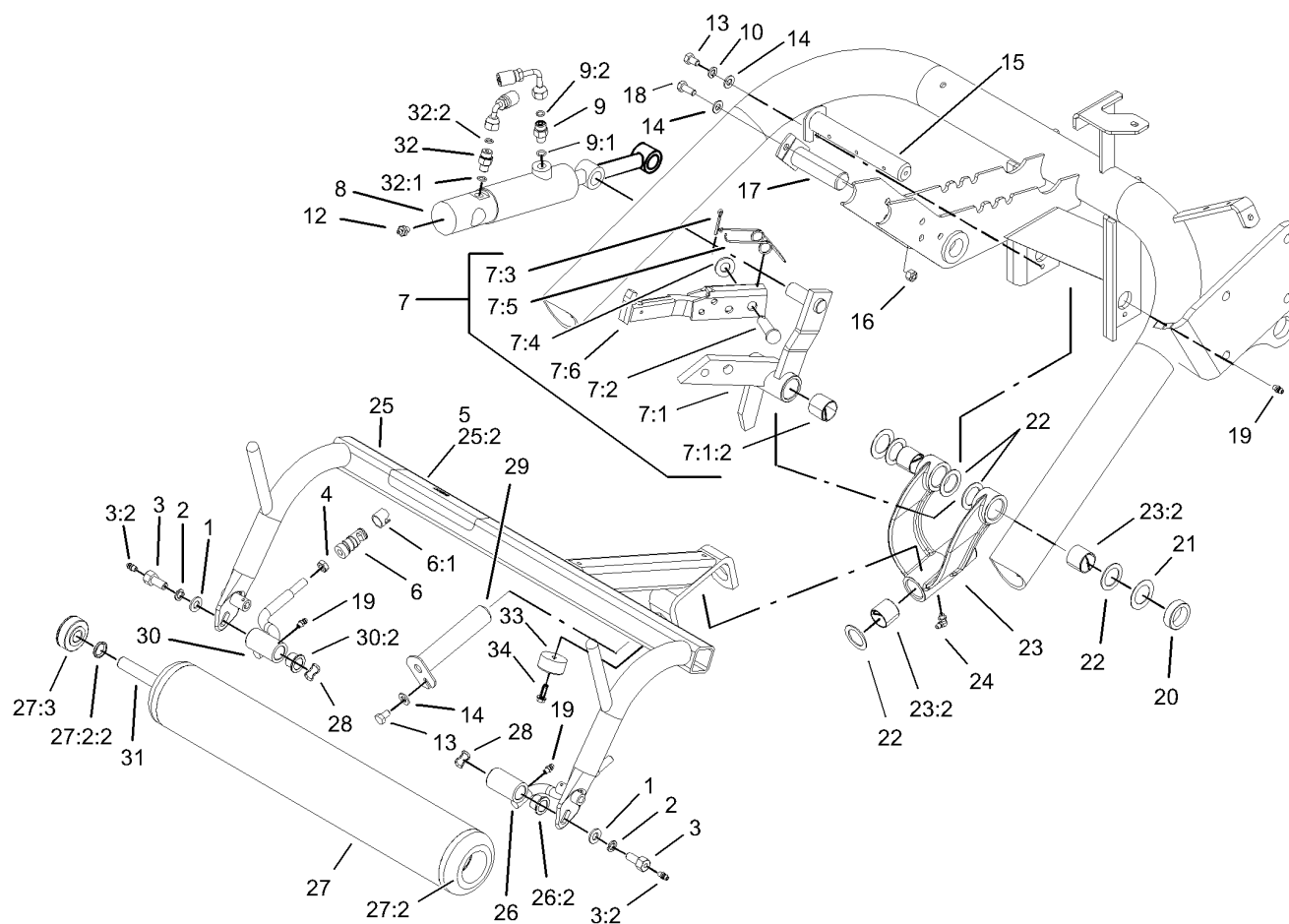
Ref	Part No.	Qty.	Description				
33	65-8320	1	Bar-Gauge				
34	32122-22	1	Screw-HH				
35	3219-14	1	Nut-Hex				
36	94-4548	2	Bumper-Recessed				
37	32144-44	2	Screw-HWH				
PROTOTYPE							



Center Pull Frame Assembly

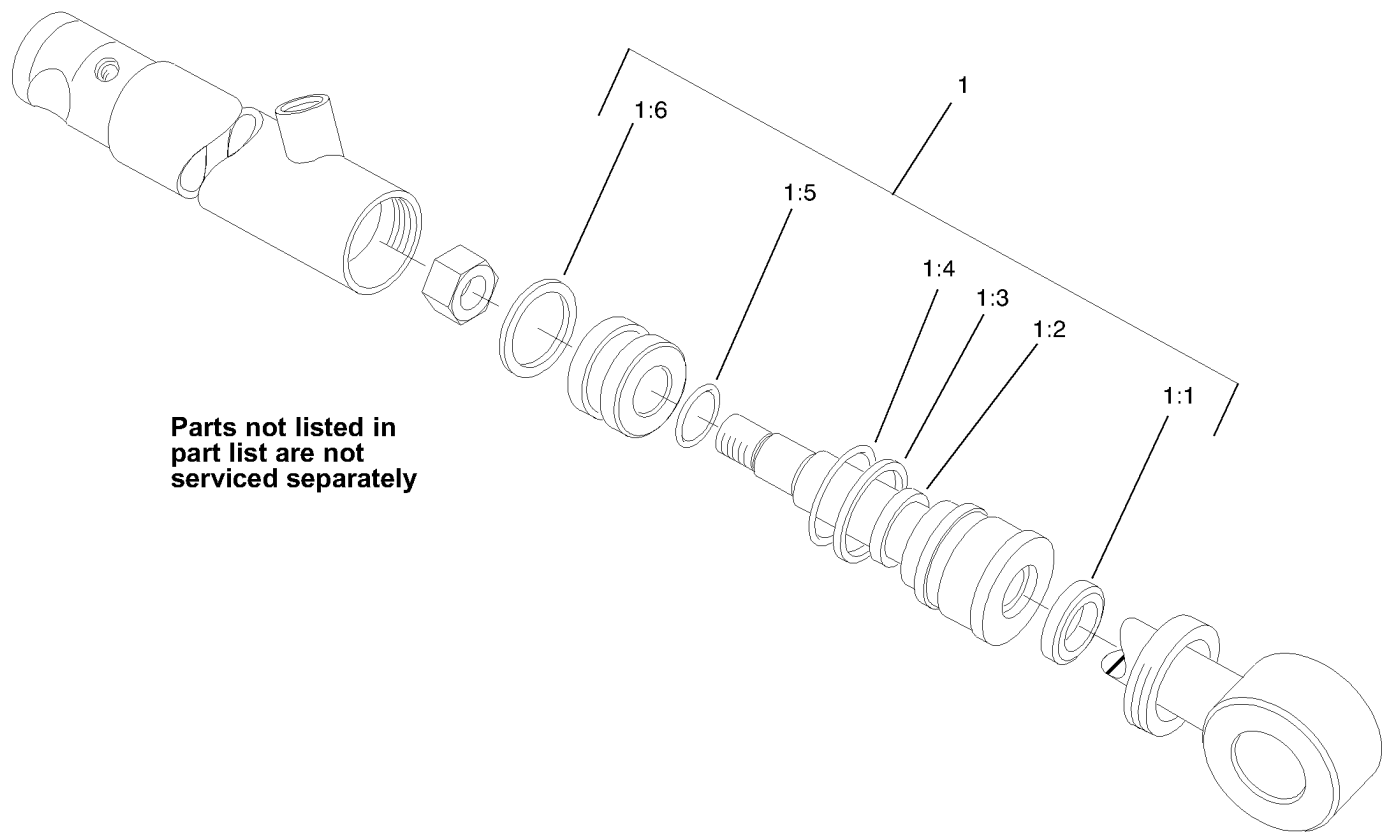
Ref	Part No.	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3220-3	2	Nut-Jam
5	93-8064	1	Decal-Danger, Ce
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7		1	Center Lift Arm ASM
7:1	68-5380	1	Center Lift Arm ASM
7:1:2	3-0348	2	Bushing
7:2	63-8750	1	Pin-Pivot
7:3	3272-11	1	Pin-Cotter
7:4	3256-26	1	Washer-Flat
7:5	57-7650	1	Spring-Torsion
7:6	62-2420-01	1	Bar-Lift
8	105-3823	1	HYD Cylinder ASM
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
12	302-2	1	Fitting-Grease
13	322-1	2	Screw-HH
14	3256-23	3	Washer-Flat

Ref	Part No.	Qty.	Description
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
21	5-1226	4	Washer
22	10-8110	6	Washer-Thrust
23	105-0452	1	Pivot-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
27:2		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



Center Pull Frame Assembly (continued)

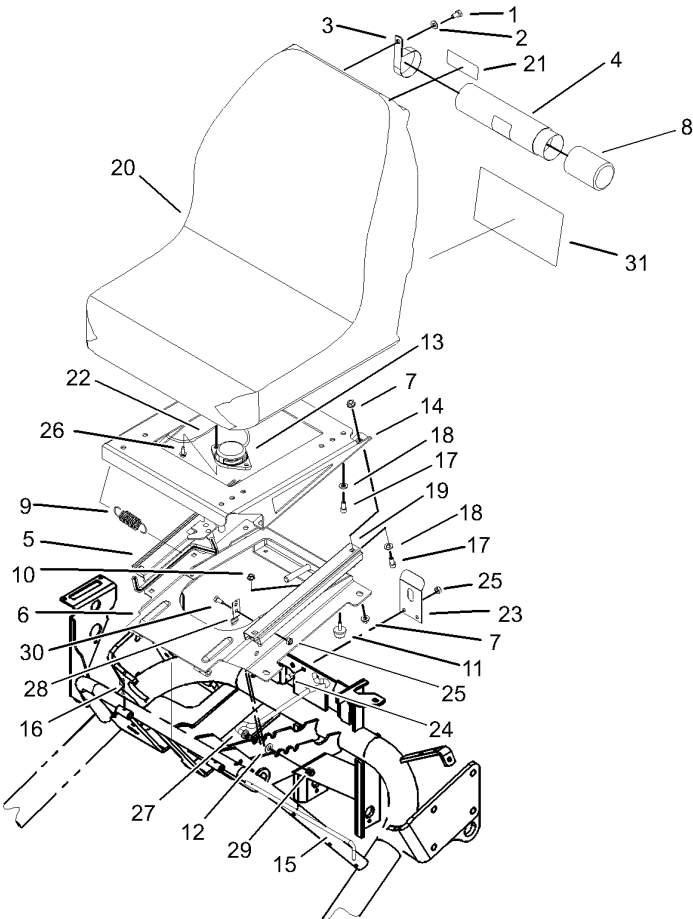
Ref	Part No.	Qty.	Description				
32	95-1639	1	Fitting-HYD				
32:1	237-78	1	O-Ring				
32:2	237-21	1	O-Ring				
33	94-4548	2	Bumper-Recessed				
34	32144-44	2	Screw-HWH				



Hydraulic Cylinder Assembly No. 105-3823

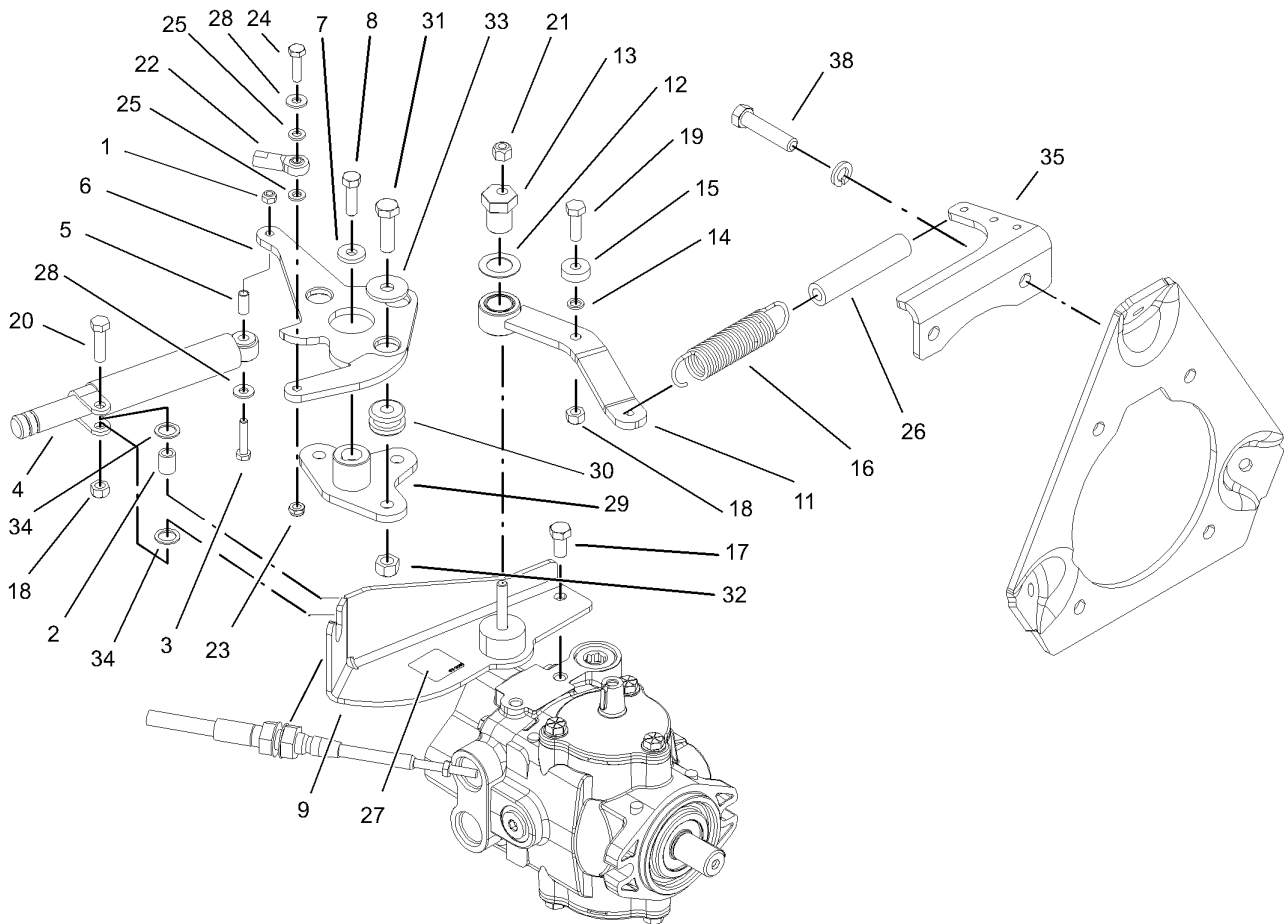
Ref	Part No.	Qty.	Description				
1	105-3835	1	Seal Kit				
1:1		1	Seal-Dust				
1:2		1	Seal-Rod				
1:3		1	Backup				
1:4		1	O-Ring				
1:5		1	O-Ring				
1:6		1	T-Seal				

PROTOTYPE



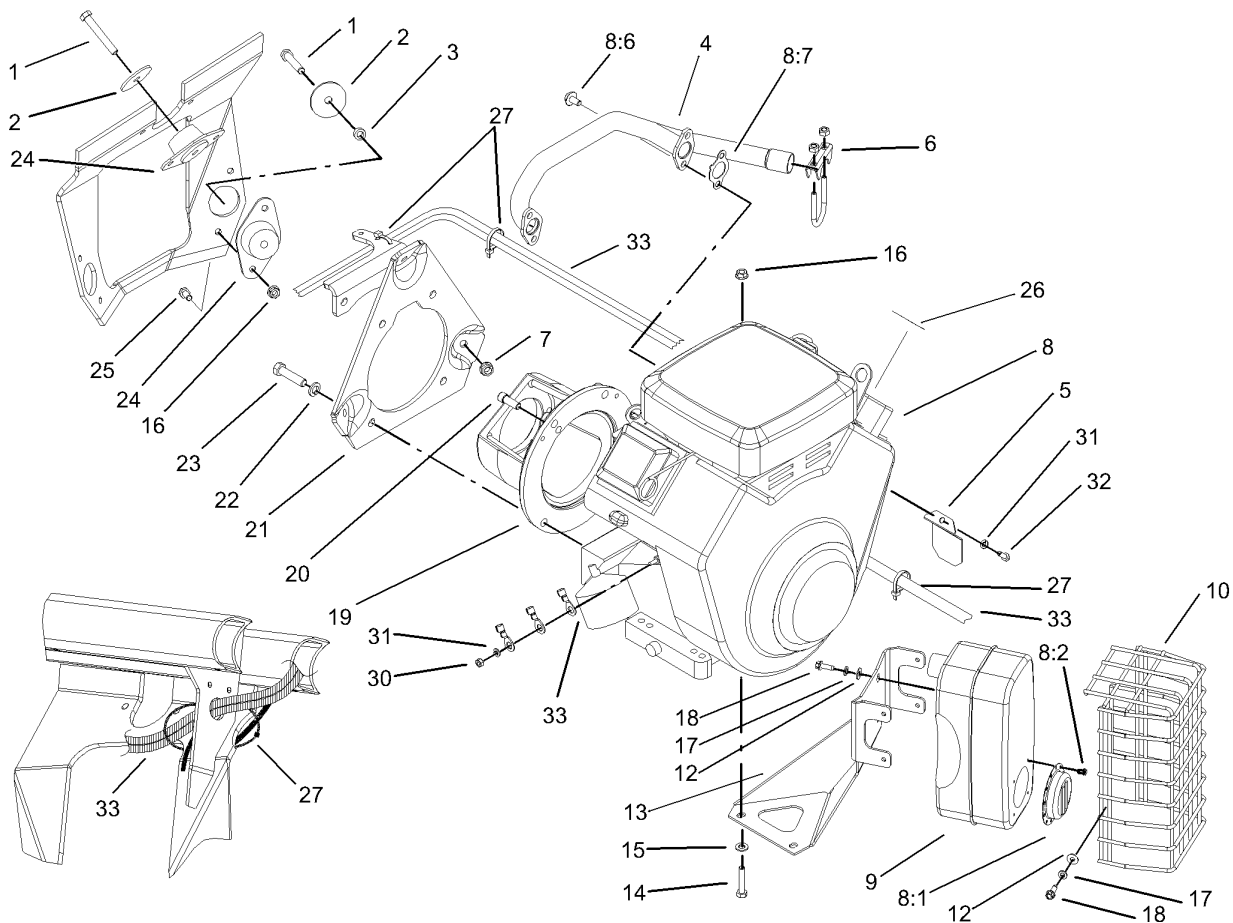
Seat Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	322-2	2	Screw-HH	25	3296-16	4	Nut-Lock, NI
2	3256-23	2	Washer-Flat	26	32144-10	2	Screw-HWH
3	2412-133	2	R-Clamp	27	106-4643	1	Rod-Prop, seat
4	104-7050	1	Housing-Manual	28	68-5310	1	Clip-Rod, Prop
5	105-8265	1	Adjuster-Seat	29	3296-39	1	Nut-Lock, NI
6	105-0464-03	1	Seat Plate ASM	30	321-3	2	Screw-HH
7	32128-25	8	Nut-Flange	31	105-8291	1	Decal-Service
8	104-7048	1	Cap-Housing	31	105-8292	1	Decal-Spanish
9	88-6330	1	Spring-Extension	31	105-8293	1	Decal-French
10	32128-33	2	Nut-HF	31	105-8296	1	Decal-Italian
11	1-523420	2	Bumper	31	105-8295	1	Decal-Swedish
12	3256-24	1	Washer-Flat	31	105-8294	1	Decal-German
13	92-6282	1	Switch-Seat	31	105-8297	1	Decal-Portuguese
14	105-0466-03	1	Plate-Seat, Upper	31	105-8298	1	Decal-Norwegian
15	105-0483	1	Rod-Pivot, Seat	31	105-8299	1	Decal-Finnish
16	3290-467	1	Pin-Hair	31	105-8300	1	Decal-Danish
17	3274-12	8	Screw-HSH	31	105-8301	1	Decal-Dutch
18	3256-23	8	Washer-Flat	31	105-8302	1	Decal-Japan
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				



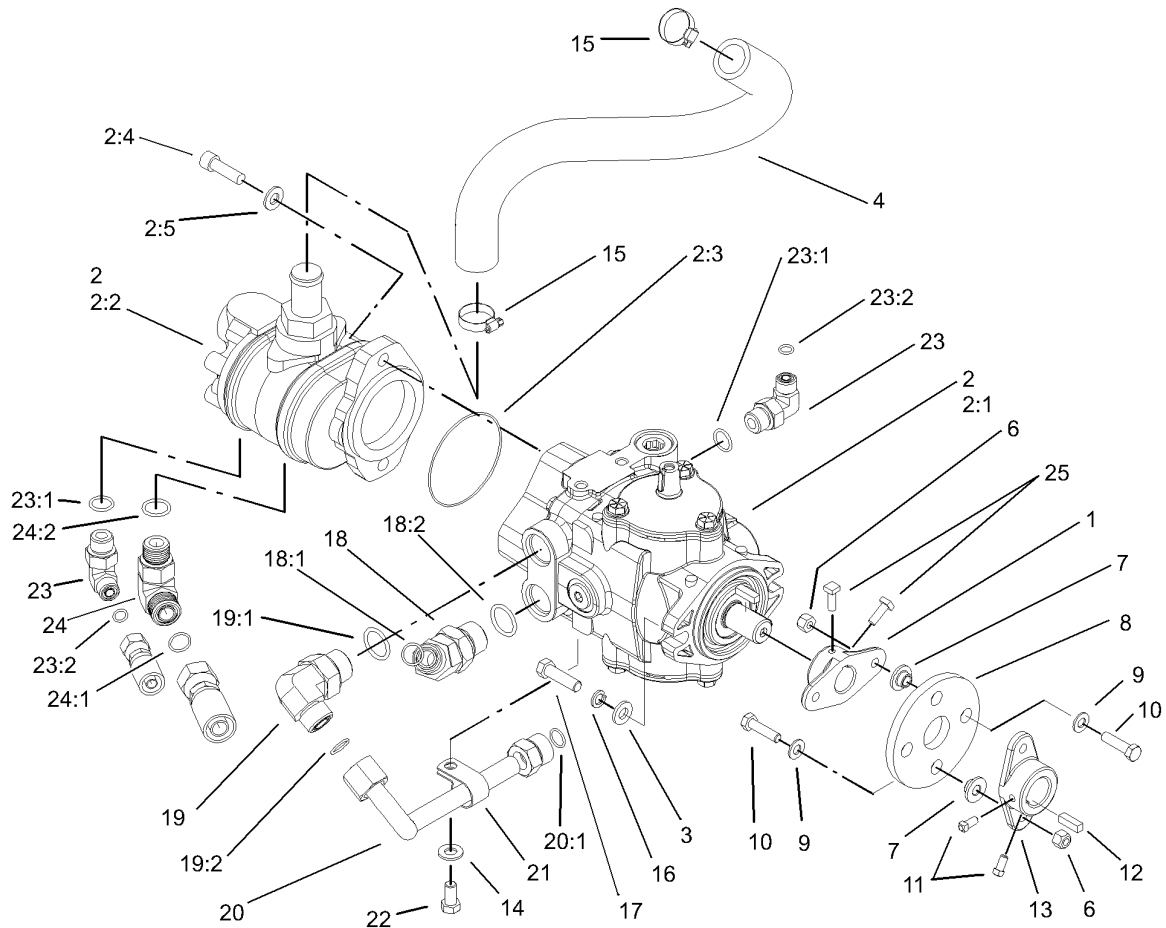
Neutral System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	33023-00	1	Nut-Lock	26	99-4251	1	Hose-Dampener
2	94-8197	1	Tube-Pivot	27	93-9051	1	Decal-Bolt, Eccentric
3	33113-035	1	Screw-HH	28	3256-22	2	Washer-Flat
4	76-8870	1	Lever Damper ASM	29	94-3486	1	Plate
5	94-1312	1	Spacer-Pivot	30	63-9750	3	Mount
6	105-5477-03	1	Lever-Pump	31	33115-035	3	Screw-HH
7	88-7200	1	Washer-Flat	32	33025-00	3	Nut-Lock
8	3210-6	1	Screw-HH	33	2844	3	Washer
9	105-5475	1	Cable Support ASM	34	94-8196	2	Washer-Nylon
11	105-4302	1	Neutral Arm ASM	35	105-4307-03	1	Bracket-Spring
12	3-6498	1	Washer-Thrust	38	324-8	2	Screw-HH
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				



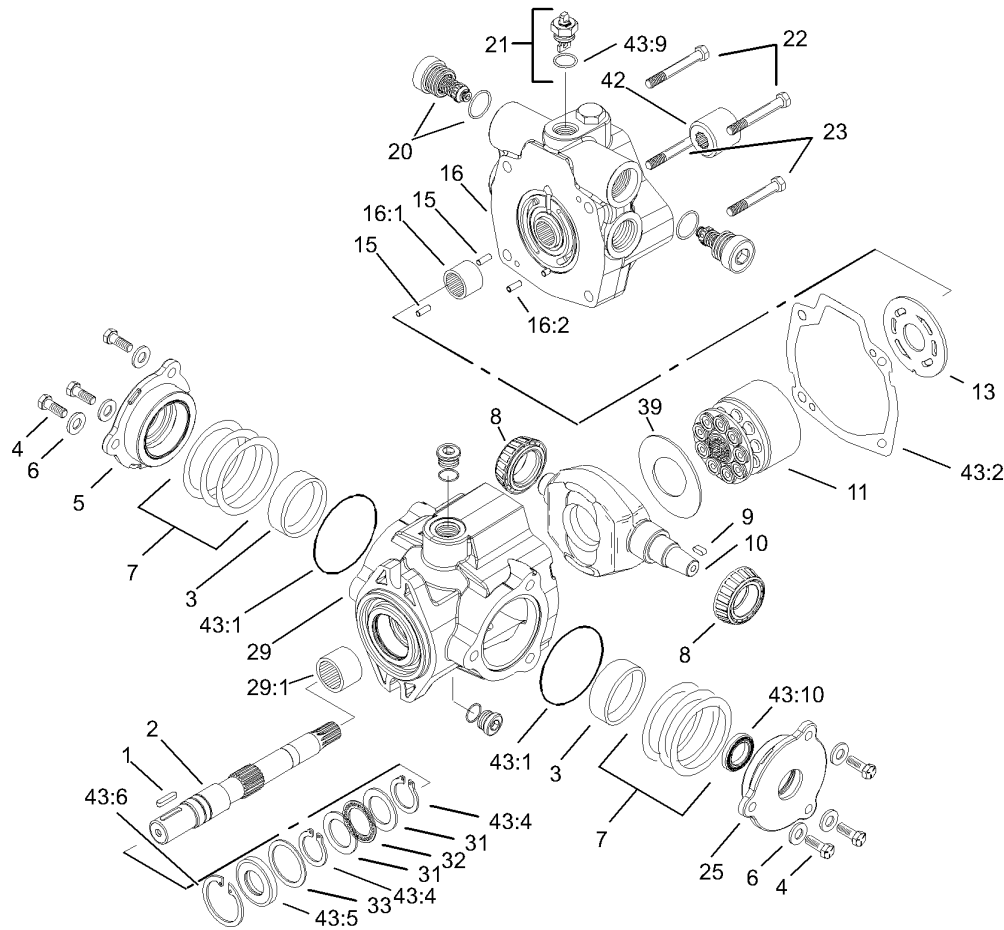
Engine Installation Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	323-12	3	Screw-HH	22	3253-6	4	Washer-Lock
2	83-1040	3	Washer-Flat	23	324-7	2	Screw-HH
3	83-1050	2	Spacer	24	107-2560	3	Mount-Engine
4	83-1080	1	Exhaust Manifold ASM	25	322-3	6	Screw-HH
5	83-2310	1	Shield-Regulator	26	93-8069	1	Decal-Surface, Hot
6	2112-11	1	Clamp-Muffler	27	3290-379	4	Tie-Cable
7	3290-357	3	Nut-HHF	30	43-2830	1	Nut-Hex
8	106-4618	1	Engine-18hp, Vanguard	31	43-5930	2	Washer-Spring
8:1		1	Deflector-Exhaust	32	33113-016	1	Screw-HH
8:2		4	Screw-HH	33	105-8276	1	Harness-Wire, Engine
8:6		4	Screw-HHF	33:1	106-4642	1	Harness-Wire, Fusible Link
8:7		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				



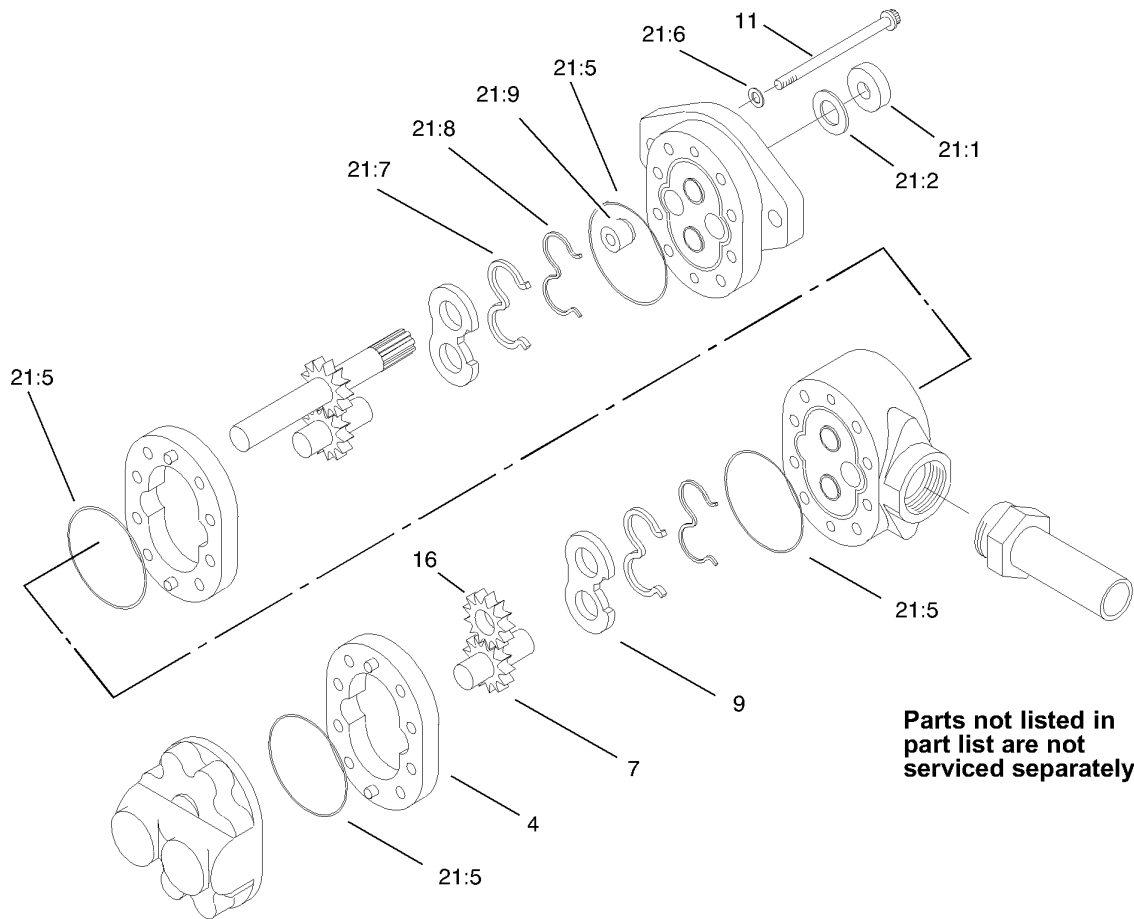
Hydrostat and Gear Pump Drive Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	93-2589	1	Hub-Pump	19	340-139	1	Fitting-Hyd, 90 DEG
2	105-0453	1	Hydrostat/gear Pump ASM	19:1	237-81	1	O-Ring
2:1	105-0494	1	Hydrostat ASM	19:2	237-65	1	O-Ring
2:2	104-7737	1	Gear Pump ASM	20	105-8307	1	Tube-Hyd, Traction
2:3	60-3520	1	O-Ring	20:1	237-65	1	O-Ring
2:4	3274-1	2	Screw-HSH	21	2412-41	1	Clamp
2:5	3256-24	2	Washer-Flat	22	323-4	1	Screw-HH
3	100-4852	2	Washer-Hardened	23	340-18	2	Fitting-Hyd, 90 DEG
4	105-8285	1	Hose-Inlet, Pump	23:1	237-79	1	O-Ring
6	3296-29	4	Nut-Lock, NI	23:2	237-22	1	O-Ring
7	27-6600	4	Spacer-Coupling	24	340-17	1	Fitting-Hyd, 90 DEG
8	44-2230	1	Coupling-Rubber	24:1	237-65	1	O-Ring
9	3256-3	4	Washer-Flat	24:2	237-80	1	O-Ring
10	322-6	4	Screw-HH	25	3241-6	2	Screw-SQH
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				



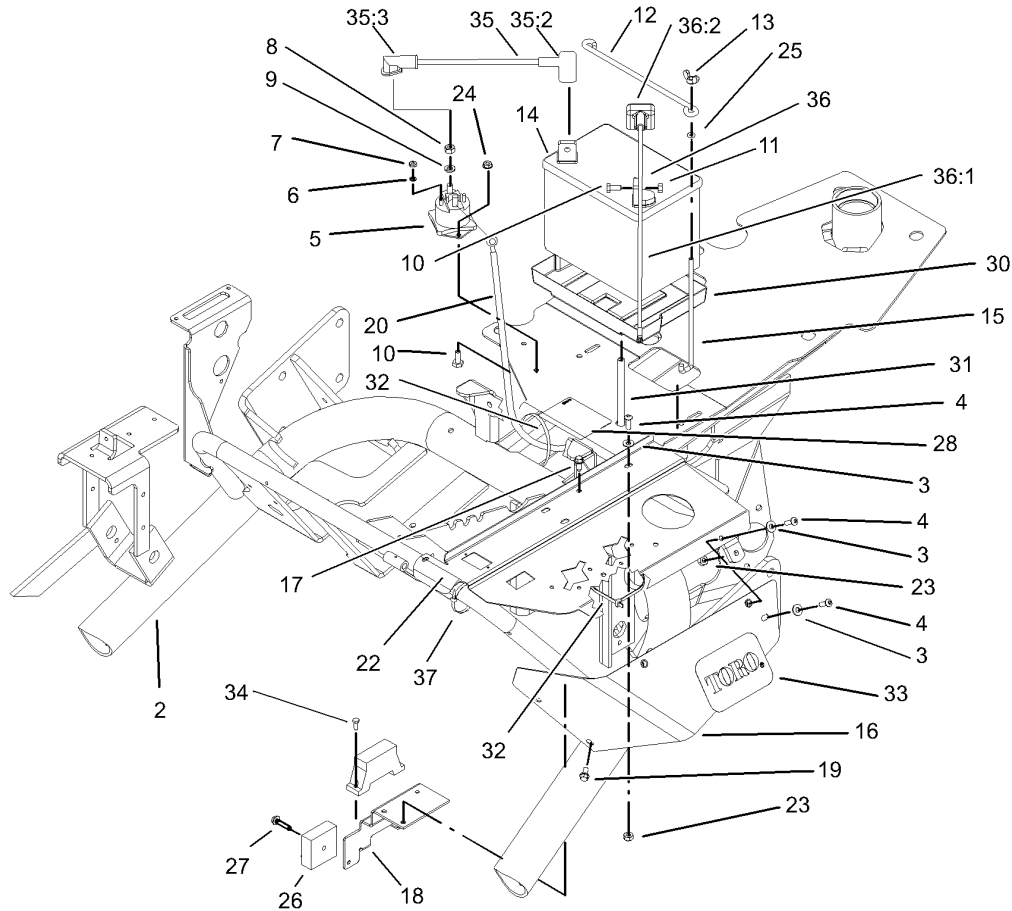
Hydrostat Assembly No. 105-0494

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	94-3645	1	Key	32	252-66	1	Bearing-Thrust
2	94-6359	1	Shaft-Drive	33	33-3720	1	Washer
3	104-4046	2	Bearing-Cup	39	98-4635	1	Insert-Plate, Cam
4	98-4640	6	Screw-Cap	42	74-9040	1	Coupler
5	98-4644	1	Plate-Cover	43	105-3844	1	Seal Repair Kit
6	105-9762	6	Washer	43:1	100-3179	2	O-Ring
7	100-3182	2	Shim Kit	43:2	33-4930	1	Gasket-Housing
8	98-4639	2	Bearing-Cone	43:4	32151-29	2	Ring-Retaining
9	94-3646	1	Key	43:5	104-4861	1	Seal-Shaft
10	100-3175	1	Camplate	43:6	32151-13	1	Ring-Retaining
11	76-6070	1	Rotating Kit	43:9		1	O-Ring
13	100-3180	1	Valve-Plate	43:10		1	Seal-Shaft
15	76-6150	2	Pin-Dowel				
16	105-3813	1	Endcover Sub ASM				
16:1	94-6368	1	Bearing				
16:2		1	Pin-Roll				
20	105-3812	2	Valve-Check				
21	105-3811	1	Valve-Bypass				
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				



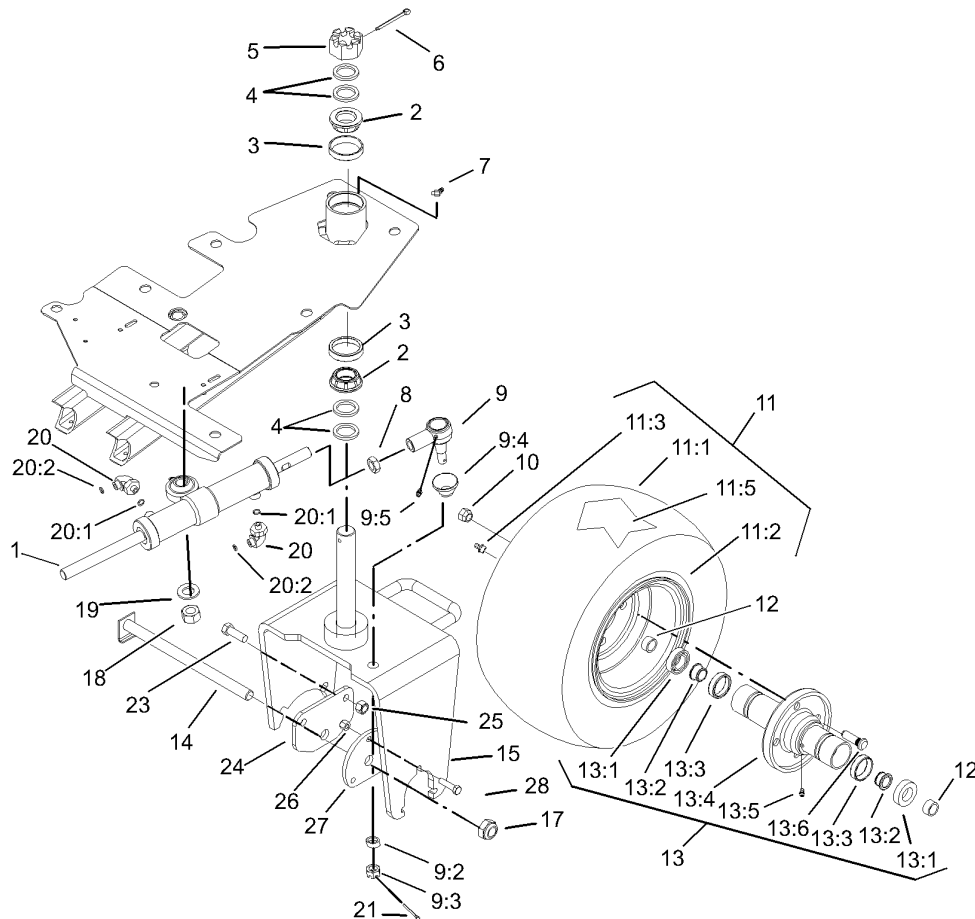
Gear Pump Assembly No. 104-7737

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				
21:5		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

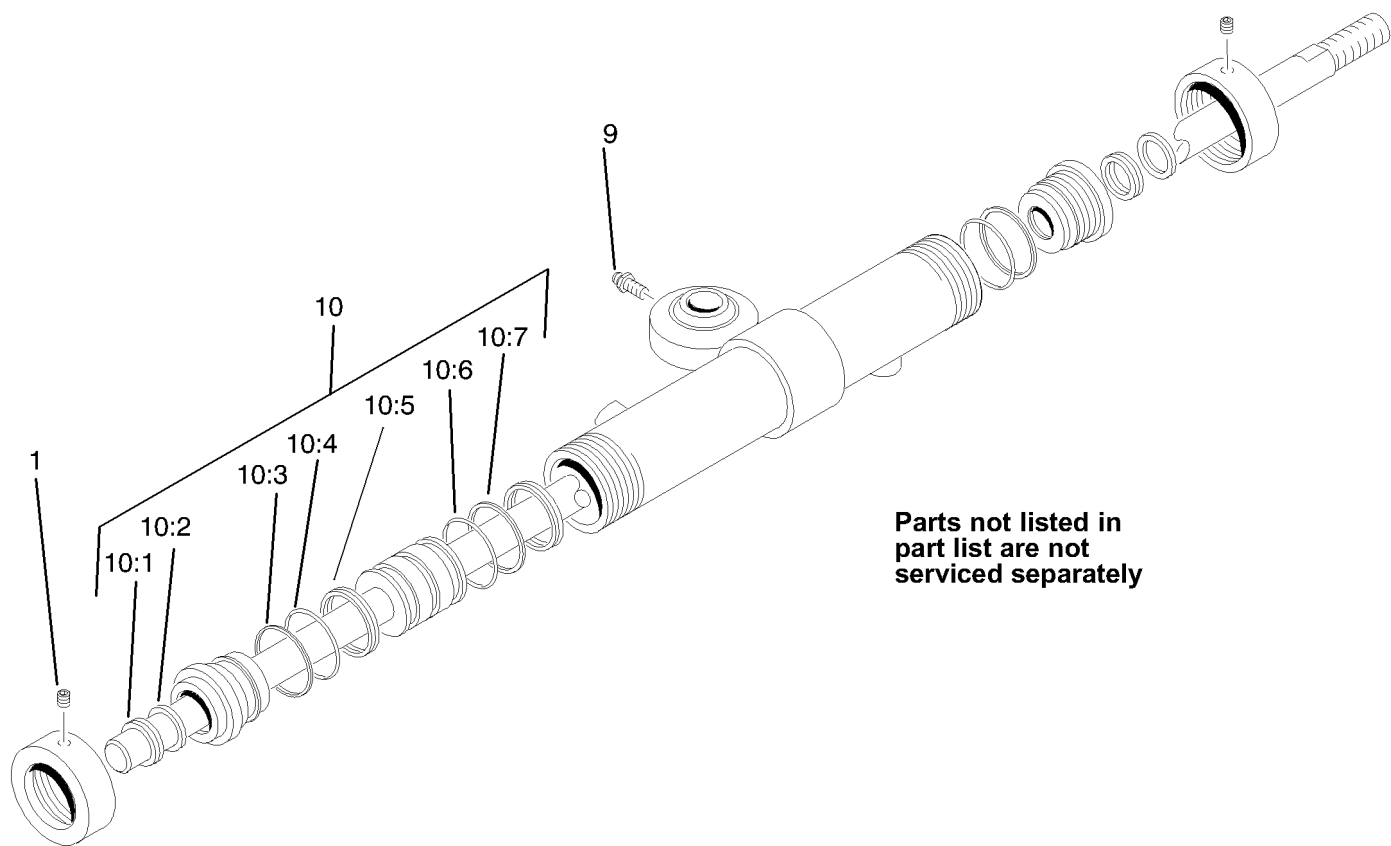
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	105-0401-01	1	Frame ASM	27	32144-86	1	Screw-HH
3	3256-22	4	Washer-Flat	28	93-7276	1	Decal-Danger
4	3274-69	4	Screw-HSBH	30	106948	1	Tray-Battery
5	28-4210	1	Solenoid	31	104-2061	1	Tube-Drain, Battery
6	3254-1	2	Washer-Lock, Int	32	3290-379	2	Tie-Cable
7	3219-14	2	Nut-Hex	33	94-2579	1	Decal
8	3218-13	2	Nut-Jam	34	32144-1	2	Screw-Taptite
9	3253-4	2	Washer-Lock	35	83-2420	1	Positive Cable ASM
10	321-3	4	Screw-HH	35:2	28-8080	1	Boot-Terminal
11	3217-5	2	Nut-Hex	35:3	83-2430	1	Boot-Terminal
12	100-6434	1	Rod-Battery, Hold Down	36	98-2165	1	Negative Cable ASM
13	32103-22	2	Nut-Wing	36:1	83-1150	1	Engine Ground Wire ASM
14	104-8162	1	Battery (Dry)	36:2	98-0603	1	Boot-Terminal
15	100-6435	2	Post-Battery	37	3290-378	1	Tie-Cable
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	Timer-Plug, Glow				



Rear Wheel Assembly

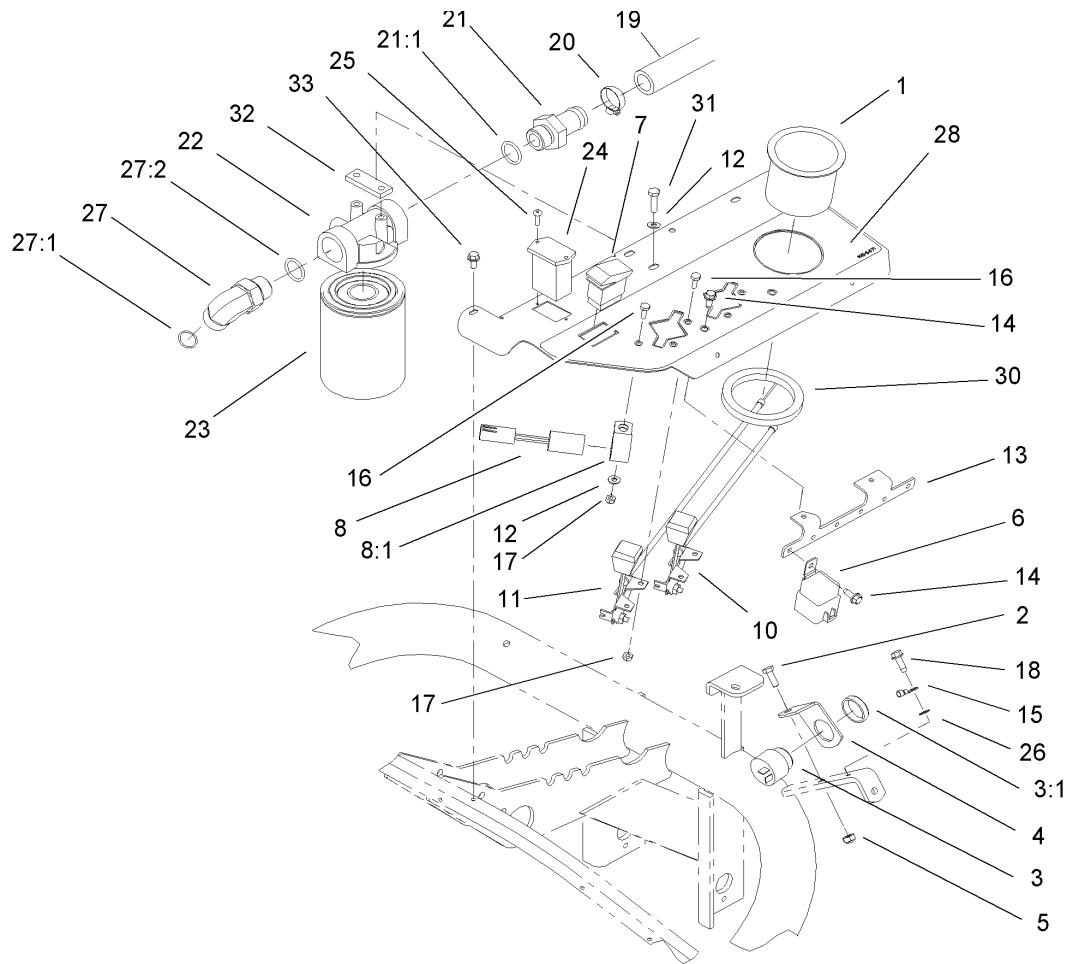
Ref	Part No.	Qty.	Description
1	105-0411	1	Cylinder-Steering
2	254-70	2	Bearing-Cone
3	254-61	2	Bearing-Cup
4	18-6320	4	Washer-Steering
5	32136-9	1	Nut-SHH
6	3272-37	1	Pin-Cotter
7	302-11	1	Fitting-Lube, 45 DEG
8	84-5300	1	Nut-Jam
9	107-2553	1	Rod End ASM
9:2	98-2389	1	Spacer-Link, Pull
9:3	32136-2	1	Nut-SHH
9:4	106-6896	1	Seal
9:5	302-5	1	Fitting-Grease
10	242-50	4	Nut-Lug
11		1	Wheel And Tire ASM
11:1	28-3680	1	Tire
11:2	217-60	1	Rim
11:3	232-27	1	Stem-Valve
11:5	232-37	1	Tube
12	74-3730	2	Spacer-Spindle, Rear
13	72-9710	1	Hub-Tire, 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



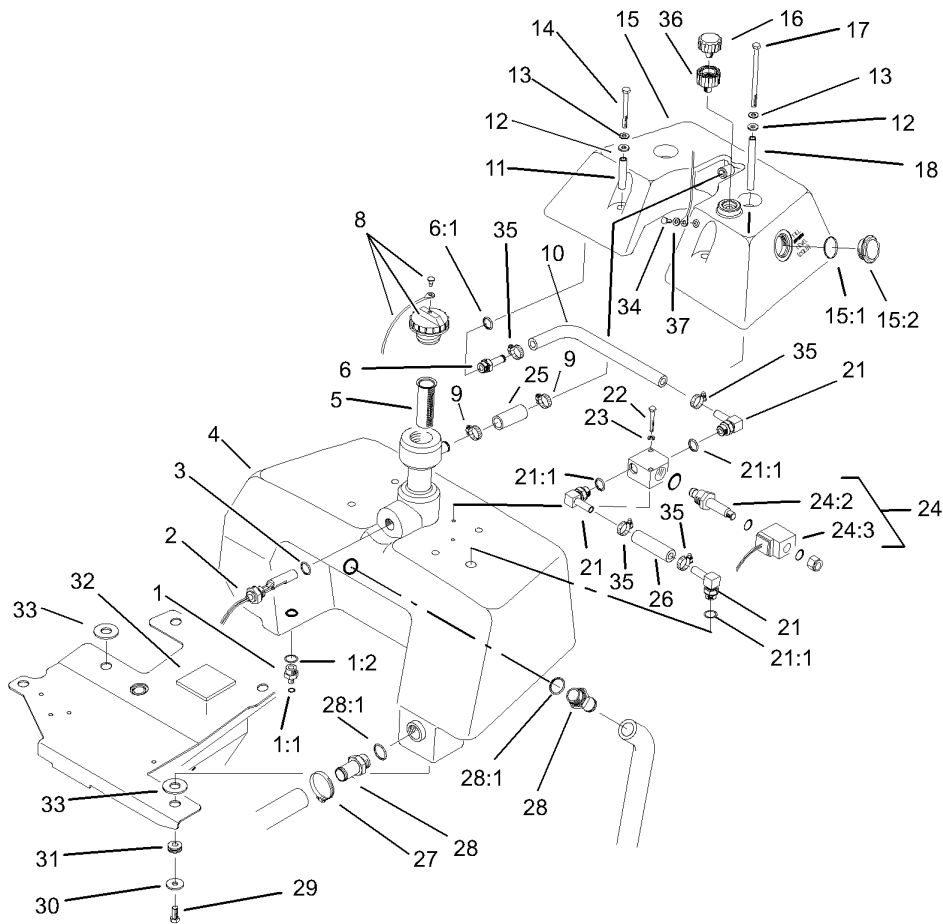
Steering Cylinder Assembly No. 105-0411

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				
②10:1		2	Wiper-Rod				
②10:2		2	U-Cup-Double Lip				
②10:3		2	Ring-Back-Up				
②10:4		2	O-Ring				
②10:5		2	Ring-Wear				
②10:6		1	O-Ring				
②10:7		1	O-Ring				



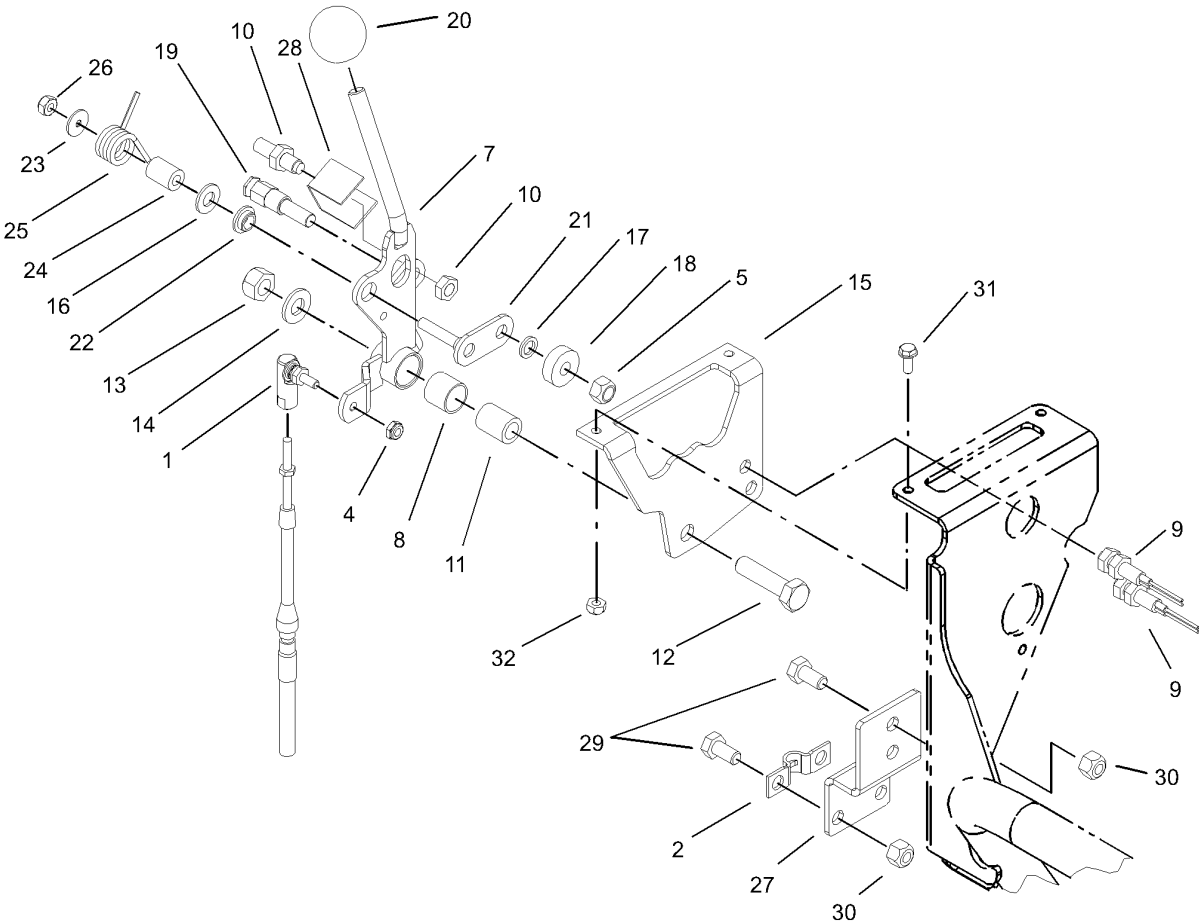
Control Panel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	94-1410	1	Holder-Can, Beverage	23	105-0438	1	Element-Filter
2	321-4	1	Screw-HH	24	75-6820	1	Hourmeter
3	80-9330	1	Alarm-Audio	25	32144-18	2	Screw-HH
3:1	104-5107	1	Nut-Plastic, Knurled	26	3255-7	1	Washer-Lock/ext
4	83-1530	1	Bracket-Support, Buzzer	27	340-142	1	Fitting-Hyd, 90 DEG
5	3296-16	1	Nut-Lock, NI	27:1	237-58	1	O-Ring
6	99-7430	6	Relay	27:2	237-81	1	O-Ring
7	105-4320	1	Switch	28	105-5471	1	Decal-Panel, Left Control
8	83-2280	1	Timer-Delay	30	104-1476	1	Ring-Rubber
8:1	98-4604	1	R-Clamp	31	321-5	2	Screw-HH
10	83-0040	1	Control-Choke	32	105-4309	1	Plate-Filter
11	83-0030	1	Control-Throttle	33	32104-116	1	Screw
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				



Hydraulic Reservoir and Leak Detector Assembly

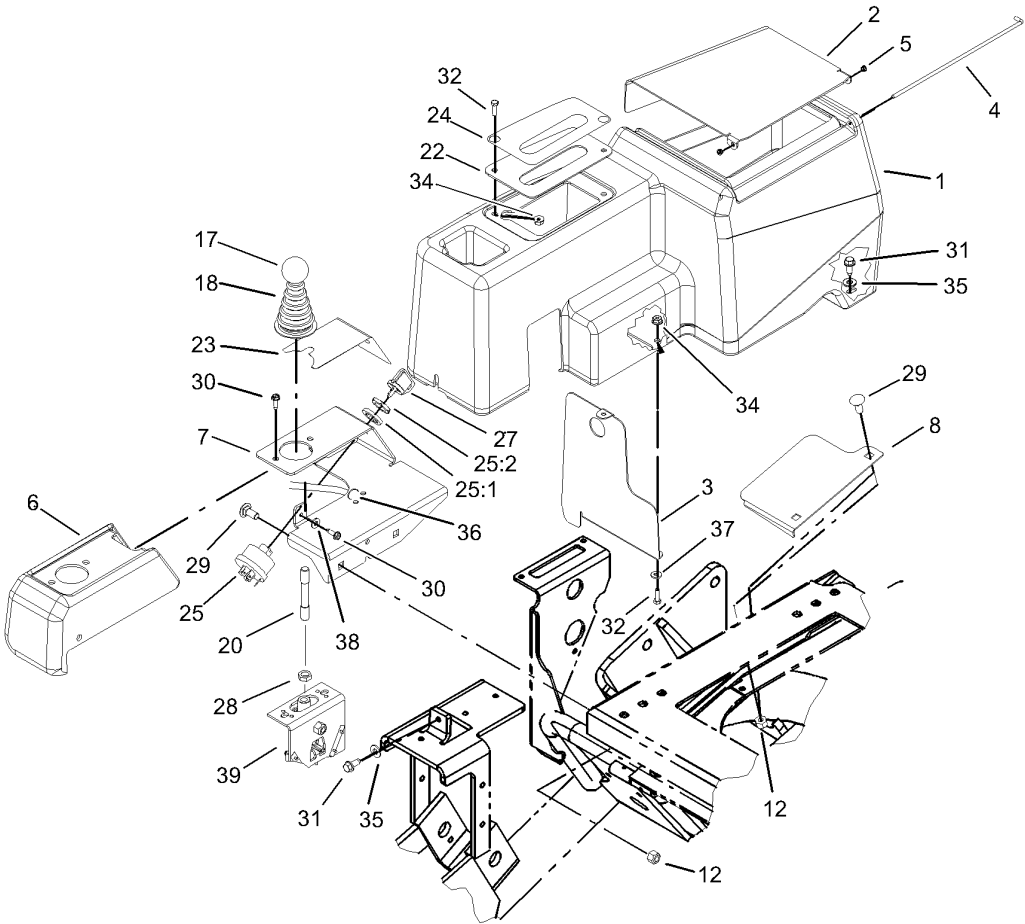
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	340-3	1	Adapter	22	321-11	2	Screw-HH
1:1	237-22	1	O-Ring	23	3253-3	2	Washer-Lock
1:2	237-79	1	O-Ring	24	83-1460	1	Solenoid Valve ASM
2	83-1450	1	Sensor-Level, Oil	24:2	83-2000	1	Spool-Valve
3	237-80	1	O-Ring	24:3	83-2010	1	Coil-Valve
4	105-9783	1	Tank-Hydraulic	25	83-2090	1	Hose-Overflow
5	83-1520	1	Screen-Filler	26	83-2080	1	Hose-Valve, Tank
6	354-121	1	Fitting-Hyd, Straight	27	2412-34	1	Clamp-Hose
6:1	237-79	1	O-Ring	28	83-0870	2	Fitting-Hose, Barbed
8	93-7160	1	Cap-Oil, HYD	28:1	237-177	1	O-Ring
9	2412-141	2	Clamp-Drive, Worm	29	323-6	3	Screw-HH
10	83-2070	1	Hose-Valve	30	63-8410	3	Washer
11	83-1550	2	Spacer-Tube, Short	31	240-11	3	Bushing-Flange
12	83-1470	4	Washer-Neoprene	32	83-2390	1	Pad-Tank
13	3256-71	4	Washer-Flat	33	83-2400	2	Spacer
14	322-14	2	Screw-HH	34	321-2	1	Screw-HH
15	83-2100	1	Tank-Auxiliary, HYD	35	2412-36	4	Clamp-Hose
15:1	94-8166	1	O-Ring	36	92-8020	1	Adapter-Breather
15:2	83-2250	1	Guage-Sight	37	3256-22	1	Washer-Flat
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				



Speed Selector Lever Assembly

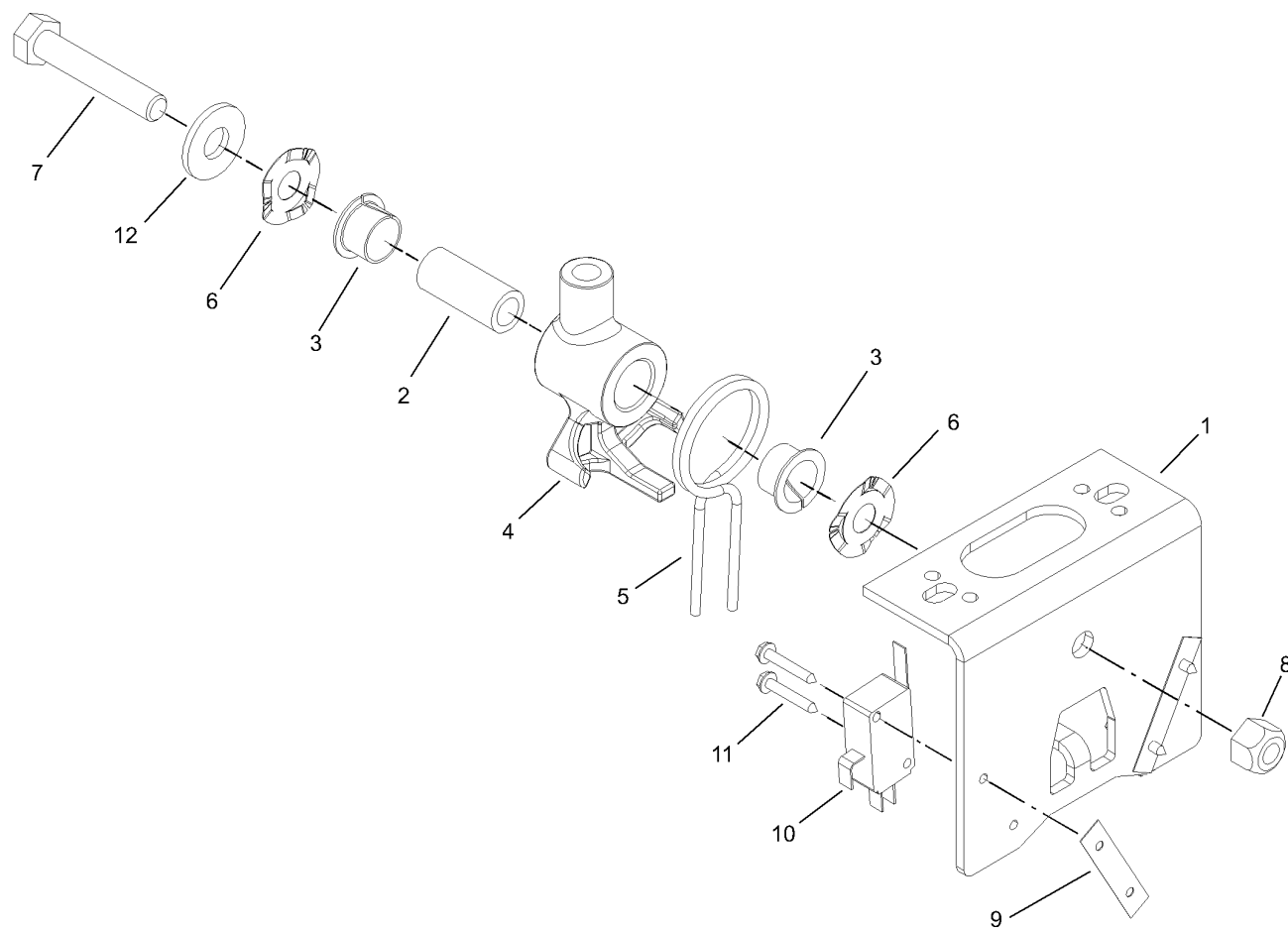
Ref	Part No.	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
4	3296-27	1	Nut-Lock NI
5	33024-00	1	Nut-Lock
7	94-9611	1	Handle
8	256-311	1	Bushing-Split
9	93-2055	2	Sensor-Switch, Reed
10	93-2056	1	Actuator-Switch, Reed
11	94-1378	1	Tube-Pivot, Handle
12	33115-040	1	Screw-HH
13	33025-00	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



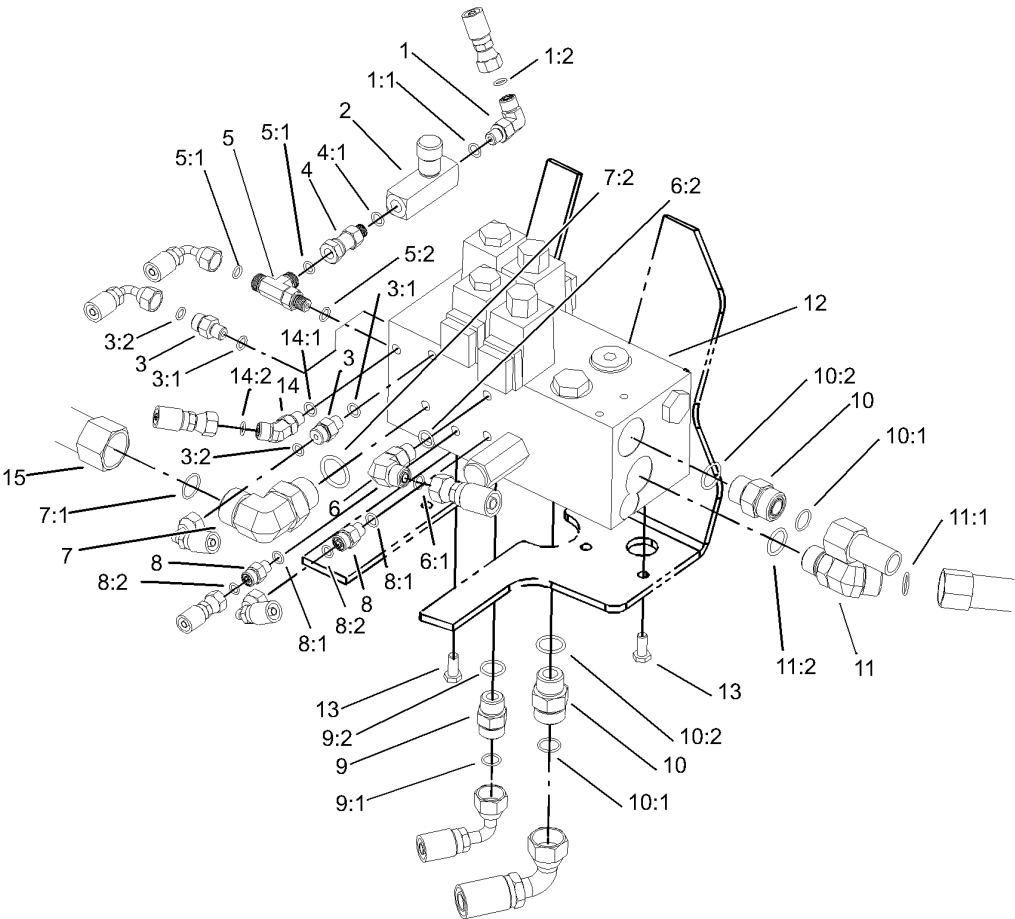
Joystick and Console Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	105-8250	1	Console	34	3290-148	4	Nut-HF
2	105-8254-03	1	Lid-Console	35	3256-22	3	Washer-Flat
3	105-8255-03	1	Baffle-Console	36	3290-378	1	Tie-Cable
4	105-8256	1	Rod-Hinge	37	3256-77	2	Washer-Flat
5	105-8283	2	Bushing	38	3256-14	2	Washer-Flat
6	105-8251	1	Pod	39		1	Joystick Bracket ASM
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				



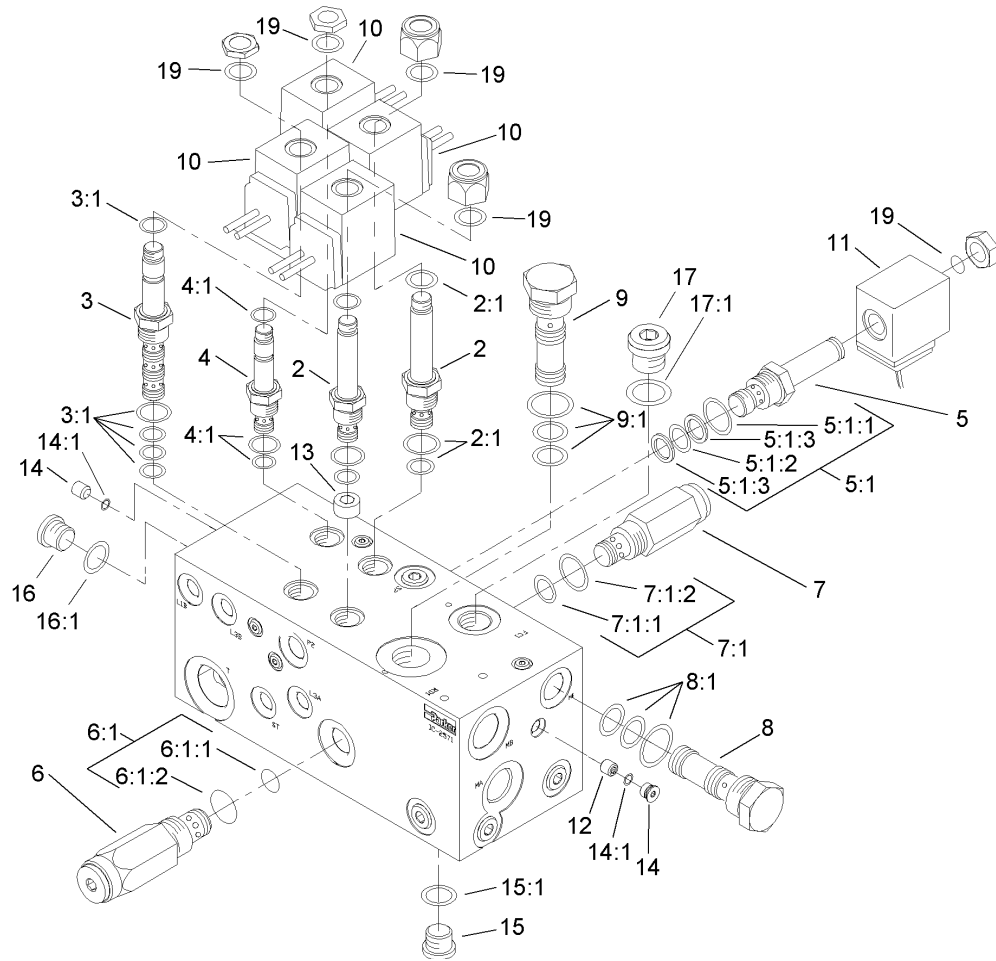
Joystick Bracket Assembly

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	147665	4	Screw-HH				
12	3256-3	1	Washer-Flat				



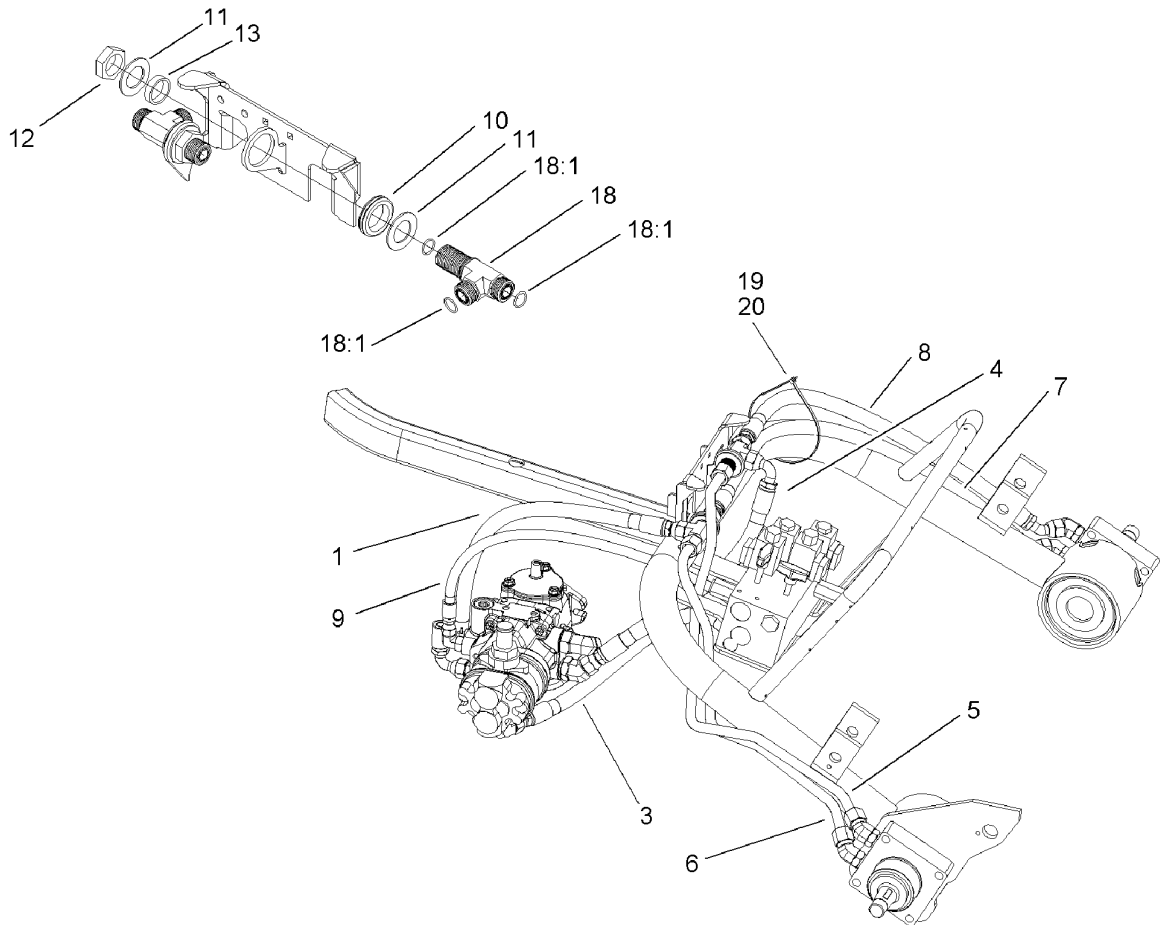
Hydraulic Manifold Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	340-132	1	Fitting-Hyd, 90 DEG	10	340-7	2	Adapter
1:1	237-78	1	O-Ring	10:1	237-65	1	O-Ring
1:2	237-21	1	O-Ring	10:2	237-80	1	O-Ring
2	93-7489	1	Orifice Valve ASM	11	340-14	1	Fitting-Hyd, 45 DEG
3	95-1639	2	Fitting-HYD	11:1	237-65	1	O-Ring
3:1	237-78	1	O-Ring	11:2	237-80	1	O-Ring
3:2	237-21	1	O-Ring	12	106-9005	1	Manifold ASM
4	104-3777	1	Connector-Swivel, Straight	13	33114-016	2	Screw-HH
4:1	237-78	1	O-Ring	14	340-103	1	Fitting-Hyd, 45 DEG
5	340-140	1	Adapter-Tee	14:1	237-78	1	O-Ring
5:1	237-21	2	O-Ring	14:2	237-21	1	O-Ring
5:2	237-78	1	O-Ring	15	105-5460	1	Tube-Hyd, Manifold/filter
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				



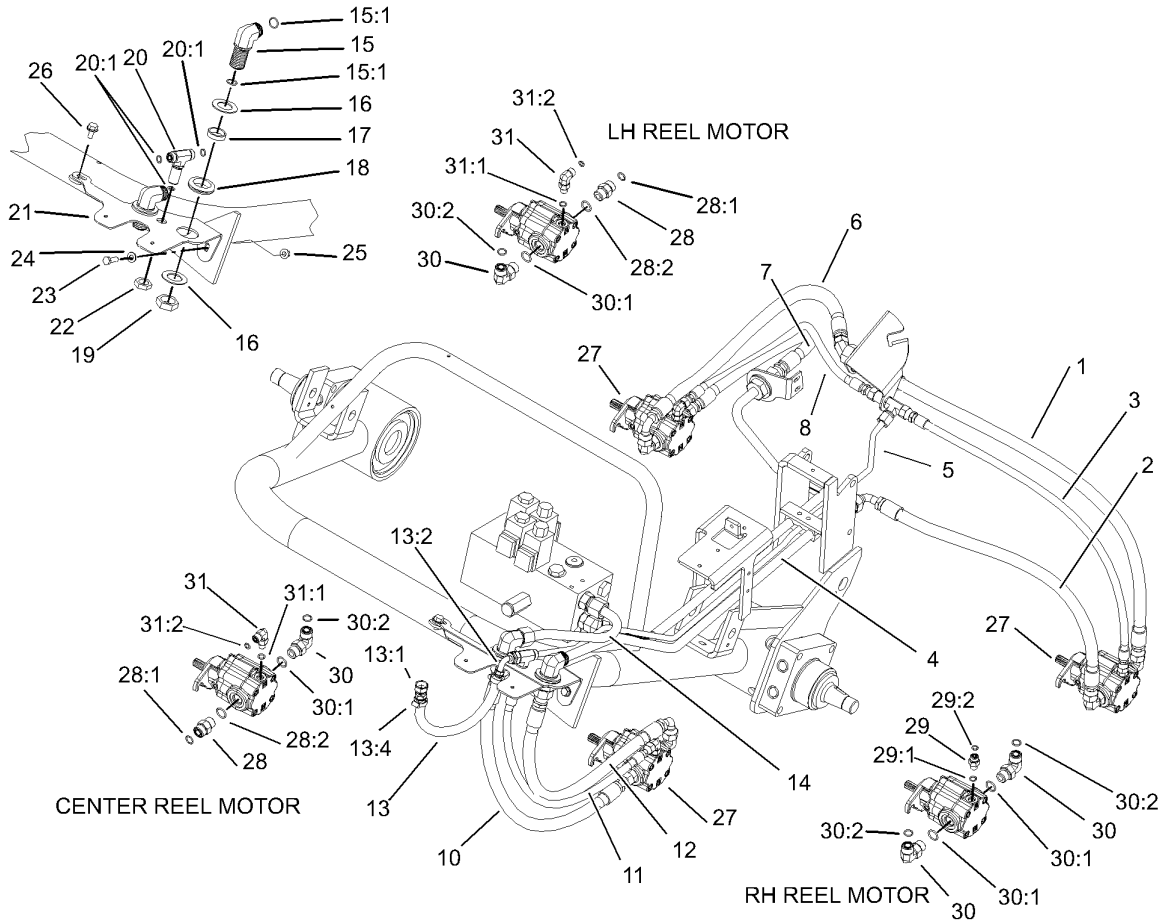
Manifold Assembly No. 106-9005

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	93-7494	2	Cartridge	8:1	69-4240	1	Seal Kit
2:1	75-2080	1	Seal Kit	9	94-6352	1	Plug-Cavity
3	94-2627	1	Cartridge	9:1	104-7730	1	Seal Kit
3:1	95-5642	1	Seal Kit	10	88-9190	4	Solenoid Coil Kit
4	92-6315	1	Cartridge-N.c., Poppet	11	106-9086	1	Solenoid Coil
4:1	104-0004	1	Cartridge Seal Kit	12	106-9084	1	Plug-Orifice
5	106-9087	1	Spool-Type, Stem	13	106-9083	1	Plug-Orifice
5:1	105-3334	1	Seal Kit	14	353-991	8	Plug-Hex, Hollow
25:1:1		1	O-Ring	14:1	237-156	1	O-Ring
25:1:2		1	O-Ring	15	353-989	7	Plug-Hex, Hollow
25:1:3		2	Ring-Backup	15:1	237-42	1	O-Ring
6	95-1601	1	Cartridge-Relief	16	353-988	1	Plug-Hex, Hollow
6:1	95-5645	1	Seal Kit	16:1	237-79	1	O-Ring
26:1:1		1	O-Ring	17	354-70	1	Plug-Hex, Hollow
26:1:2		1	O-Ring	17:1	237-80	1	O-Ring
126:1:3		1	P-Ring	19	94-5438	8	Seal-Solenoid
126:1:4		1	Installation Instr				
7	94-6351	1	Cartridge-Relief				
7:1	95-5645	1	Seal Kit				
27:1:1		1	O-Ring				
27:1:2		1	O-Ring				
127:1:3		1	P-Ring				
127:1:4		1	Installation Instr				
8	94-6353	1	Plug-Cavity				



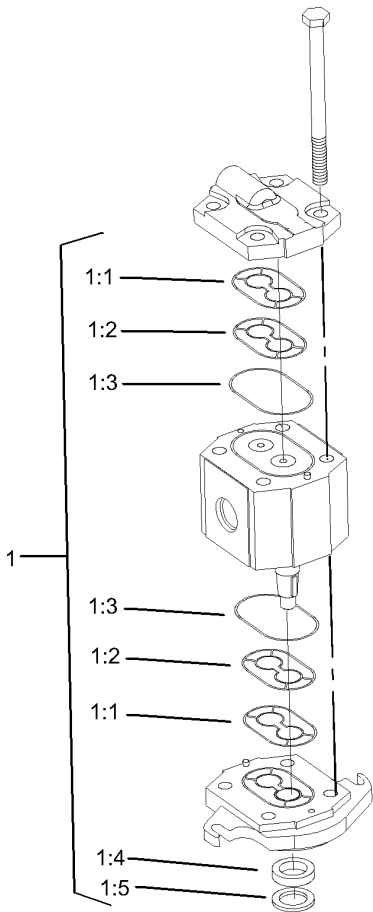
Hydraulic Traction Assembly

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

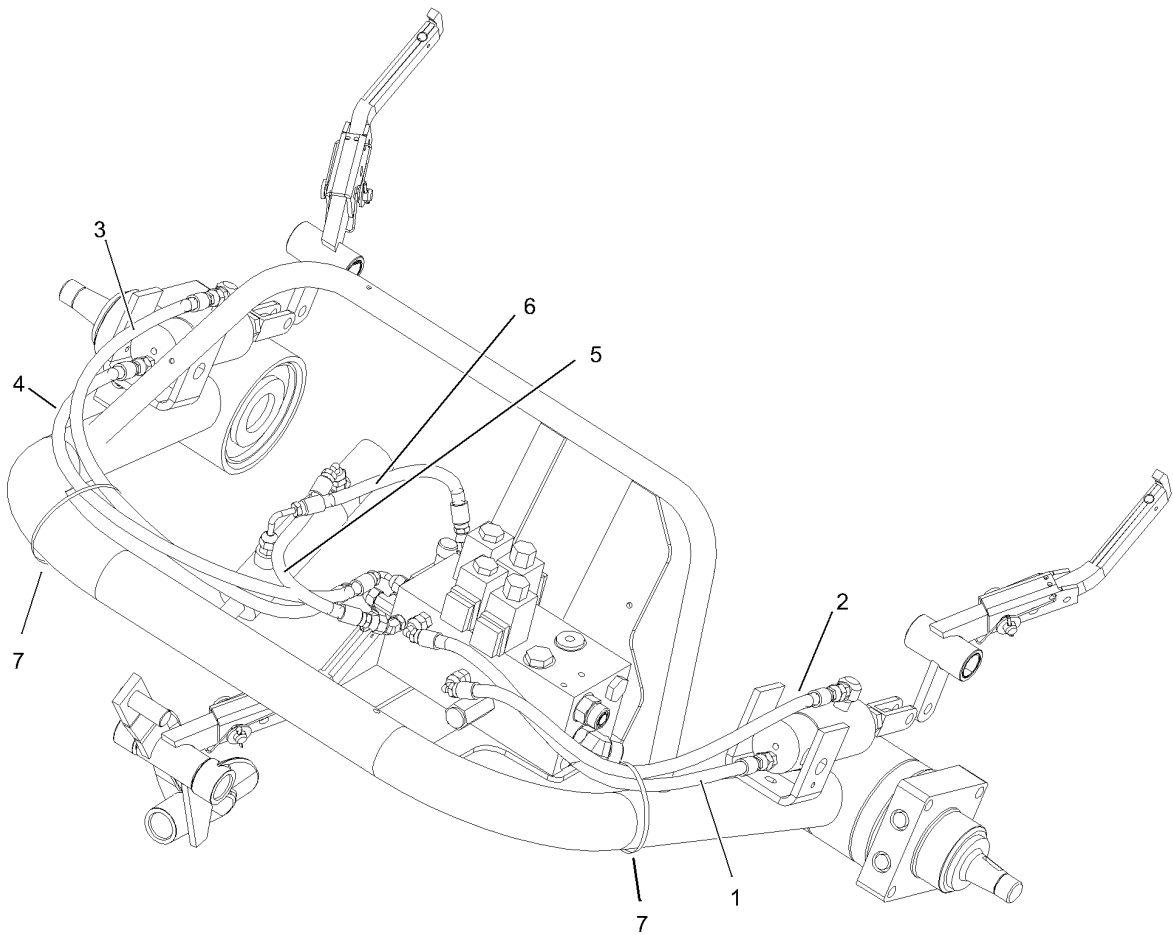
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	95-2908	1	Hose ASM	21	105-8253-01	1	Bracket-Bulkhead
2	105-5404	1	Hose ASM	22	340-70	1	Nut-Lock
3	105-5405	1	Hose ASM	23	322-5	1	Screw-HH
4	105-5493	1	Tube-HYD	24	3256-23	1	Washer-Flat
5	105-4327	1	Tube-Hyd, Casedrain	25	32128-20	1	Nut-HF
6	95-2909	1	Hose ASM	26	32144-14	1	Screw-HWH
7	105-5407	1	Hose ASM	27	100-6426	3	HYD Motor ASM
8	105-5408	1	Hose ASM	28	340-4	2	Fitting-Hyd, Sraight
10	105-5400	1	Hose ASM	28:1	237-30	1	O-Ring
11	105-5402	1	Hose ASM	28:2	237-79	1	O-Ring
12	105-5401	1	Hose ASM	29	340-92	1	Fitting-Hyd, Straight
13	105-5409	1	Hose ASM	29:1	237-78	1	O-Ring
13:1	105-8311	1	Fitting-HYD	29:2	237-21	1	O-Ring
13:2	105-8312	1	Fitting-Hyd, 90	30	340-98	4	Fitting-Hyd, 90 DEG
13:4	2412-141	2	Clamp-Drive, Worm	30:1	237-79	1	O-Ring
14	105-5482	1	Tube-Hyd, Manifold/center Reel	30:2	237-30	1	O-Ring
15	340-72	2	Fitting-Hyd, Bulkhead, 90 DEG	31	340-132	2	Fitting-Hyd, 90 DEG
15:1	237-65	2	O-Ring	31:1	237-78	1	O-Ring
16	69-9010	4	Washer	31:2	237-21	1	O-Ring
17	69-9000	2	Spacer				
18	240-3	2	Grommet-Rubber				
19	340-74	2	Locknut-Bulkhead				
20	105-8281	1	Tee-Bulkhead				
20:1	237-22	3	O-Ring				



Parts not listed in
part list are not
serviced separately

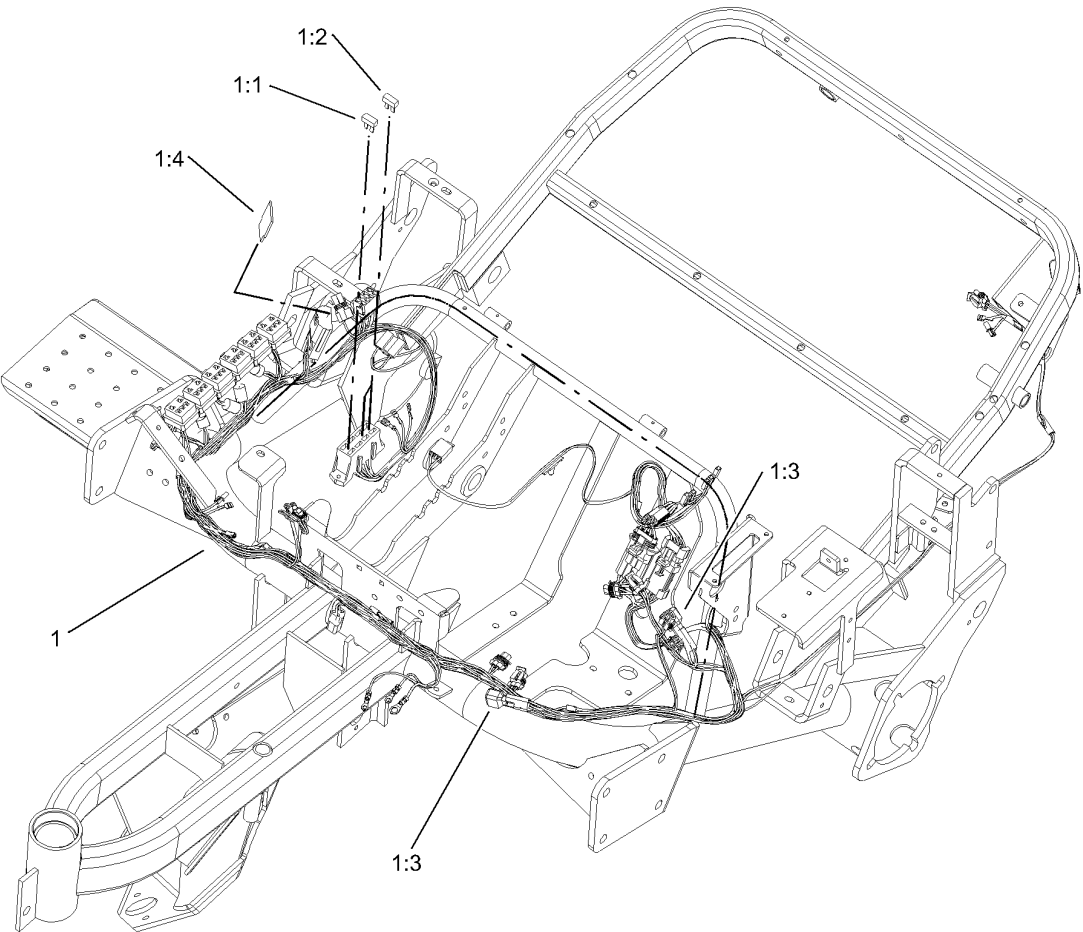
Reel Motor Assembly No. 100-6426

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



Hydraulic Lift Assembly

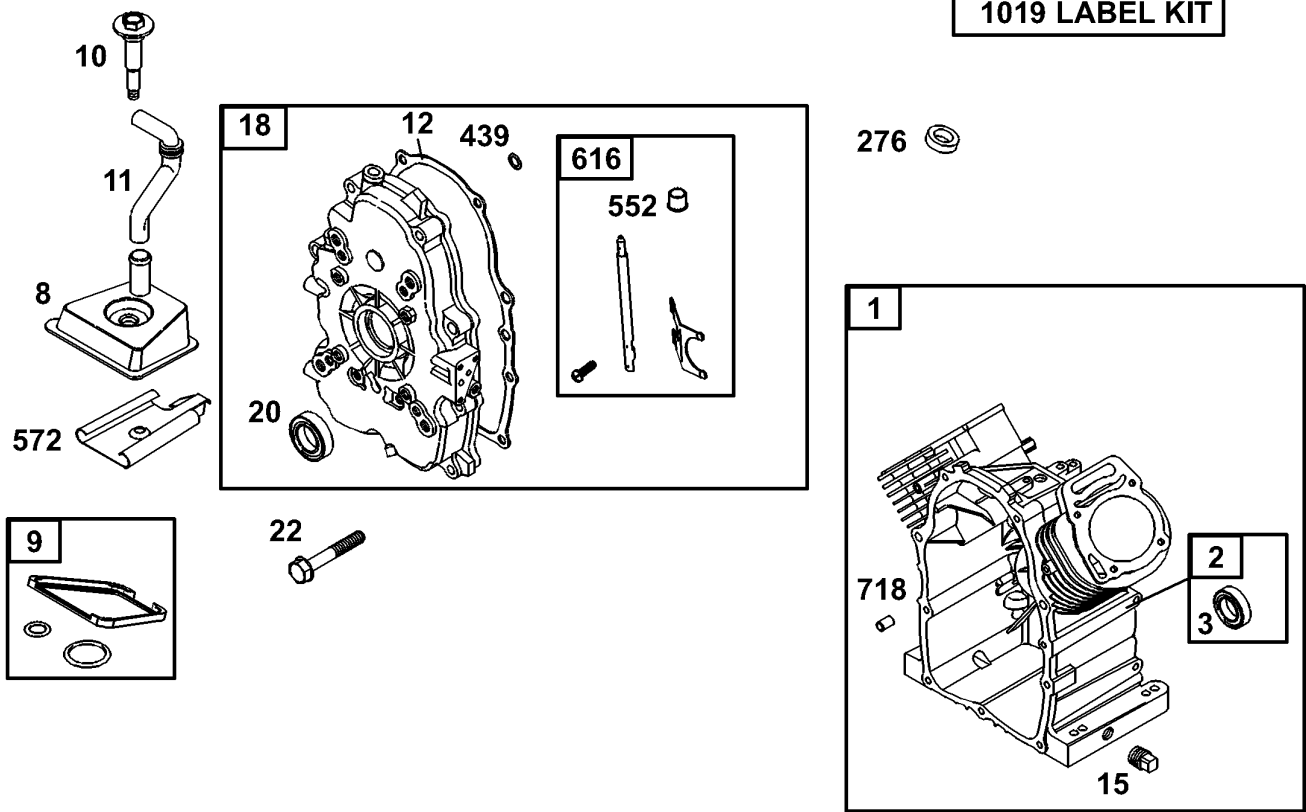
Ref	Part No.	Qty.	Description				
1	105-4346	1	Hose ASM				
2	105-4347	1	Hose ASM				
3	100-3833	1	Hose ASM				
4	95-8837	1	Hose ASM				
5	105-4344	1	Hose ASM				
6	105-4345	1	Hose ASM				
7	3290-379	2	Tie-Cable				



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				
1:5	106-4641	1	Harness-Wire, Fusible Link				

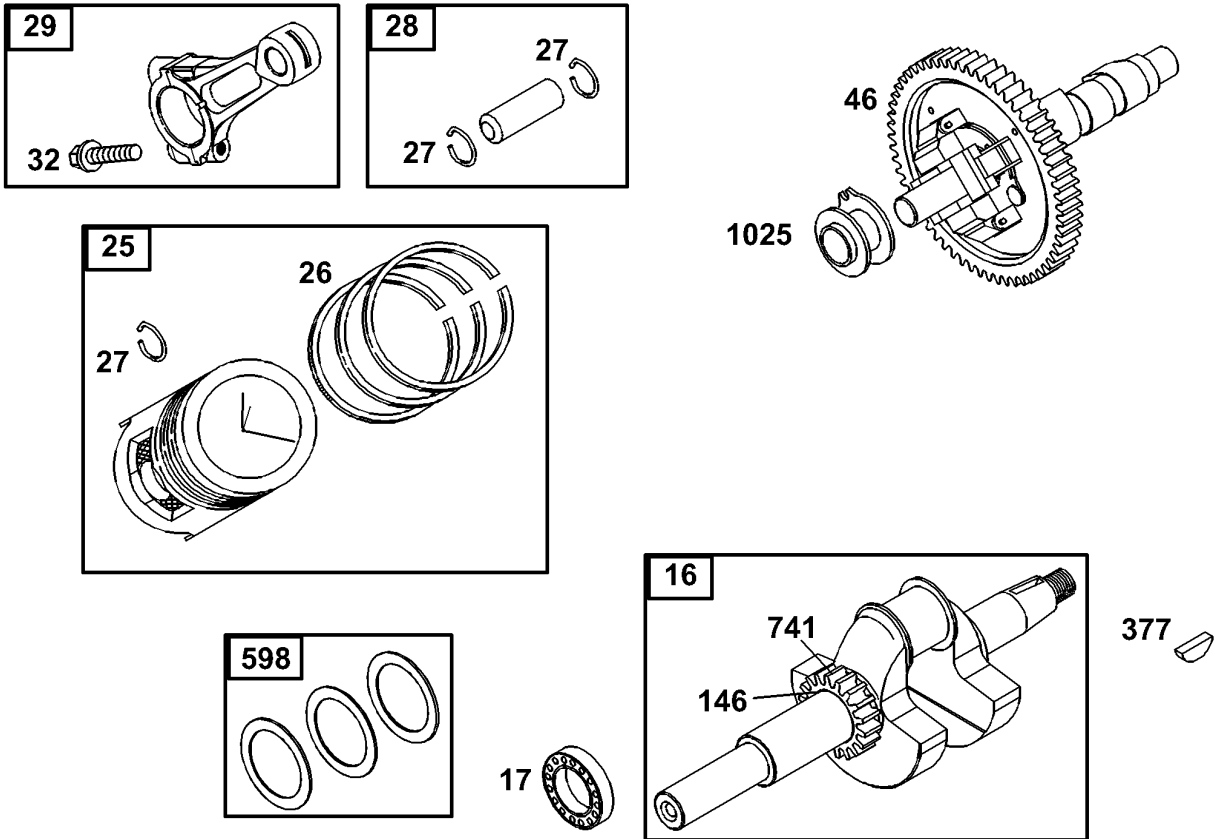
PROTOTYPE



Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton Model 350447-1331-E1

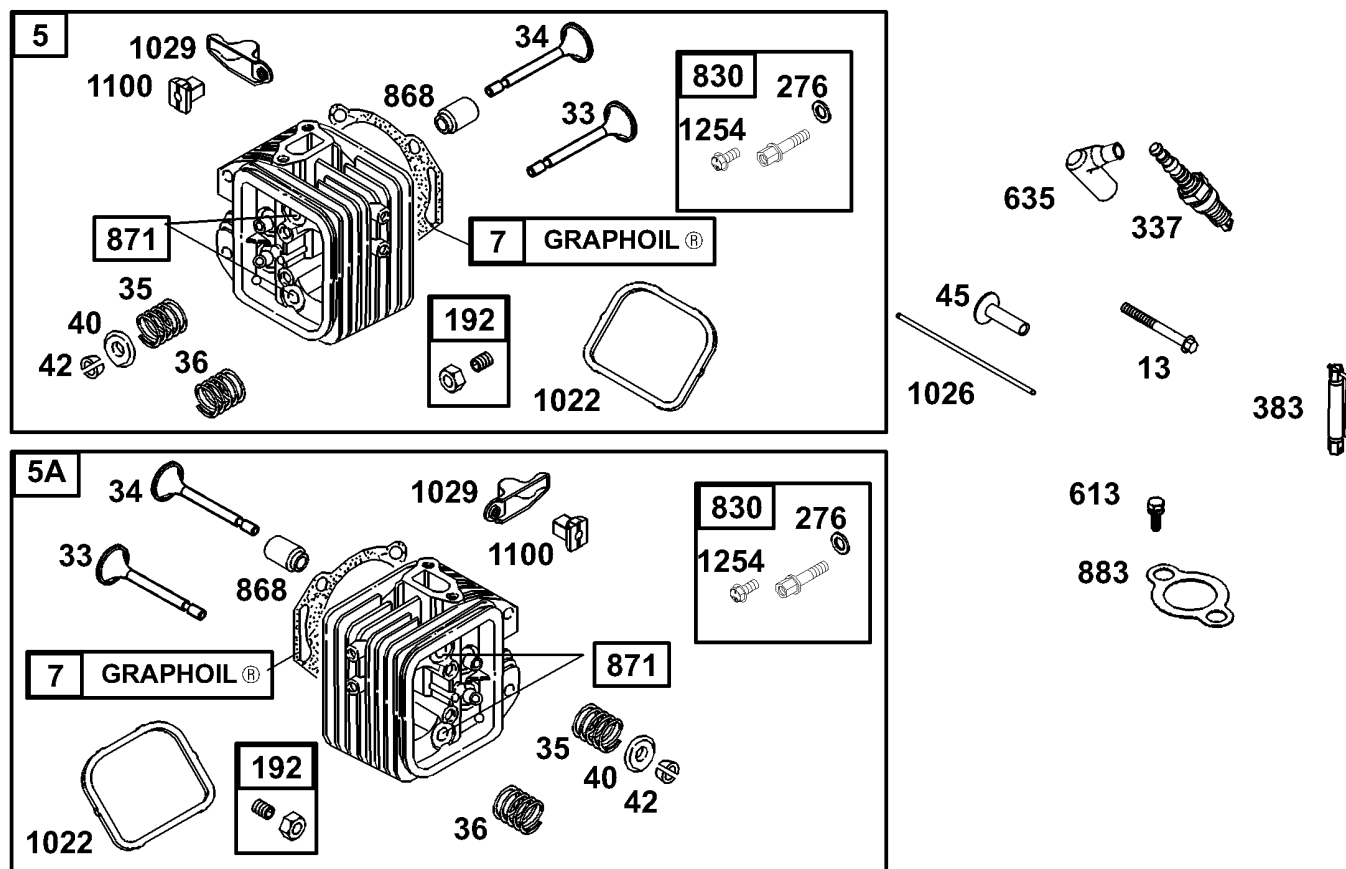
Ref	Part No.	Qty.	Description
1	692544	1	Cylinder Assembly
2	808534	1	Bushing
3	805101	1	Seal-Oil
8	808984	1	Assembly-Breather
9	809094	1	Valve Cover Gasket
10	690751	1	Screw (Breather Assembly)
11	806083	1	Breather Tube
12	691684	1	Crankcase Gasket
15	690946	1	Plug-Oil Drain
18	808847	1	Cover-Crankcase
20	805049	1	Seal-Oil
22	692540	1	Screw
276	690704	1	Washer-Sealing
439	692154	1	O-Ring (Crankcase Cover)
552	806686	1	Bushing-Governor Crank
572	690686	1	Baffle-Breather
616	806685	1	Fork-Governor
718	806469	1	Locating Pin
1019	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				
16	692171	1	Crankshaft				
17	690752	1	Bearing-Ball				
25	808326	1	Piston Assembly (Standard)				
	808336	1	Piston Assembly (.010 O.s.)				
	808337	1	Piston Assembly (.020 O.s.)				
	808338	1	Piston Assembly (.030 O.s.)				
26	807889	1	Ring Set (Standard)				
	807994	1	Ring Set (.010 O.s.)				
	807995	1	Ring Set (.020 O.s.)				
	807996	1	Ring Set (.030 O.s.)				
27	690683	1	Lock-Piston Pin				
28	807886	1	Pin-Piston				
29	807900	1	Rod-Connecting				
	807803	1	Pin-Piston (.020" U.s.)				
32	690698	1	Screw				
46	691557	1	Camshaft				
146	691639	1	Key-Timing				
377	808095	1	Key-Timing				
598	807625	1	Washer Set				
741	691530	1	Gear-Timing				
1025	690689	1	Spool-Governor				

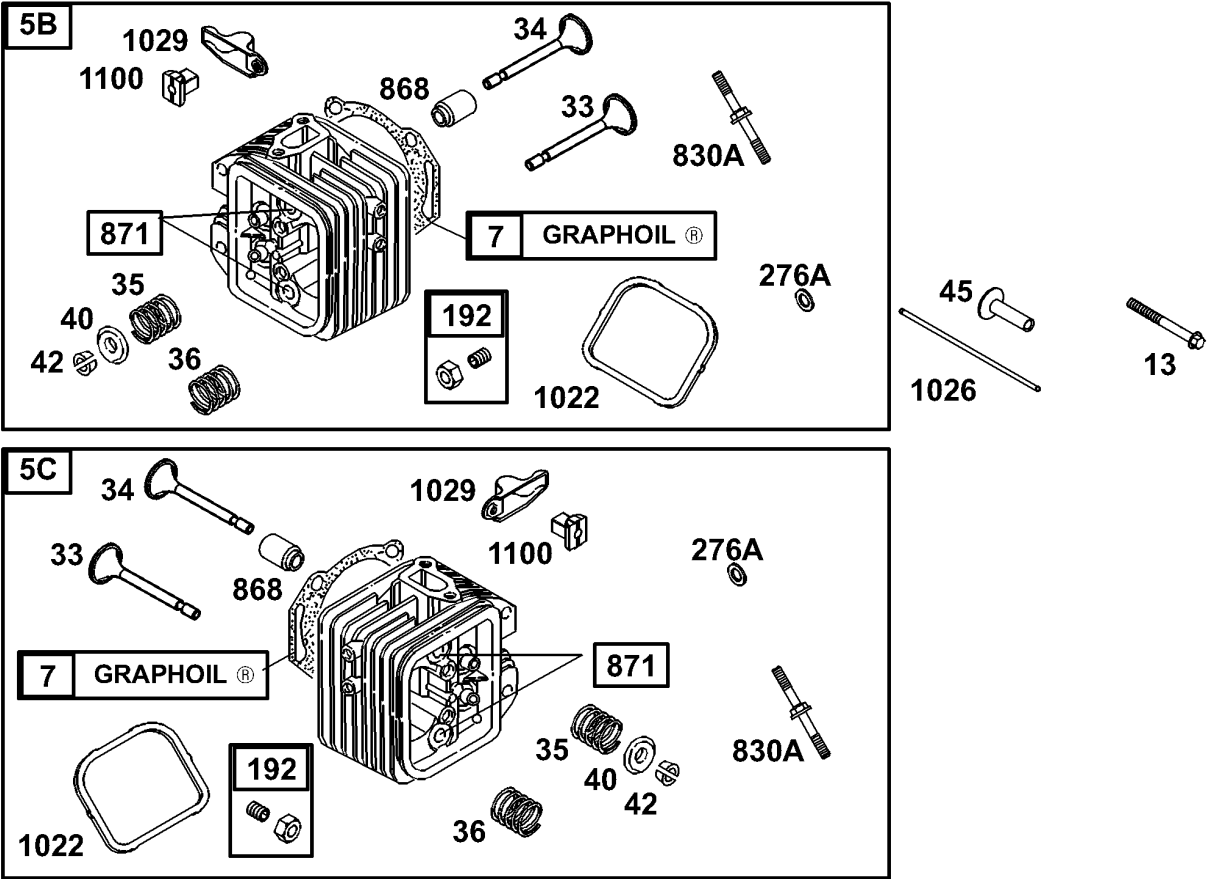


Assemblies include all parts shown in frames.

Cylinder Head Assembly

Briggs and Stratton Model 350447-1331-E1

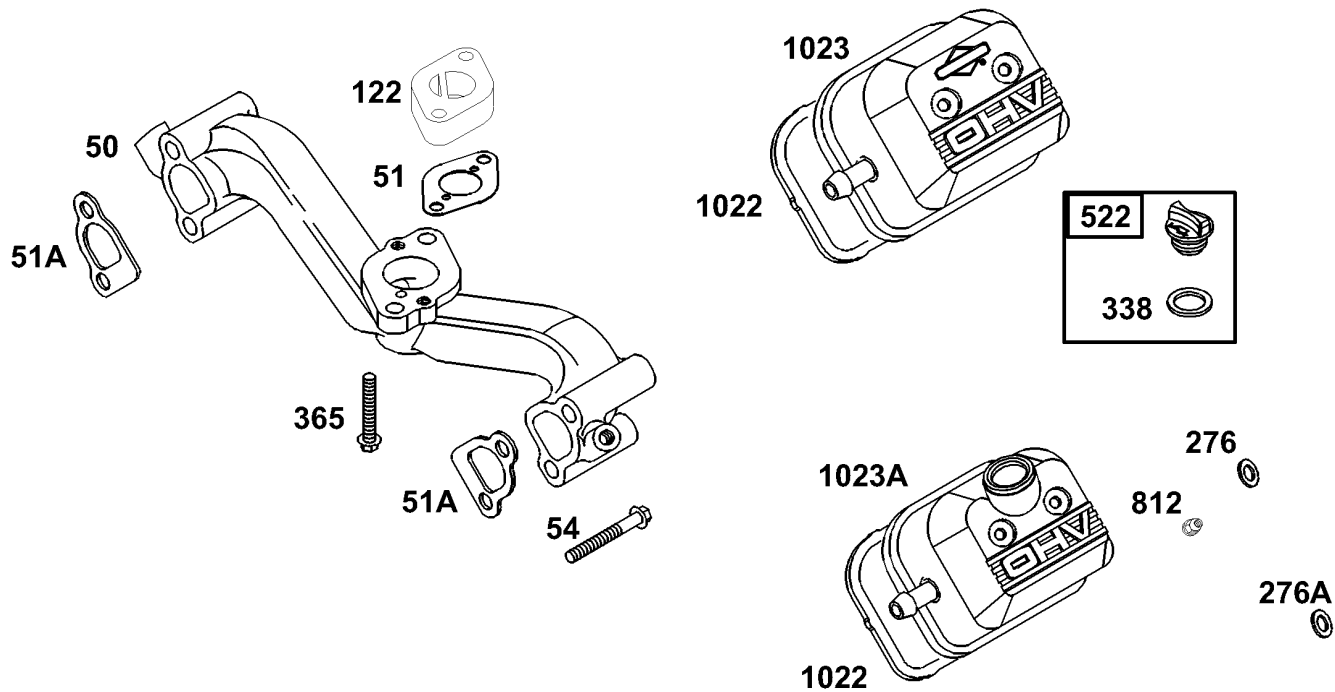
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
5	809185	1	Cylinder Head (No. 1)(Used After Date Code 01120200)	1022	806039	1	Gasket-Valve Cover
5A	809186	1	Cylinder Head (No. 2)(Used After Date Code 01120200)	1026	691836	1	Rod-push(Intake Valve)
67	690888	1	Cylinder Head Gasket	1029	691758	1	Rod-push(Exhaust Valve)
13	692059	1	Cylinder Head Screw	1100	691543	1	Arm-Rocker
33	807681	1	Valve-Exhaust	1254	690973	1	Pivot-Rocker Arm
34	807680	1	Valve-Intake	1254	807084	1	New Tractor Loose Parts Package 211-3 Only
35	692084	1	Spring-valve(Intake)				
36	692084	1	Spring-valve(Intake)				
40	692058	1	Retainer-Valve				
42	807683	1	Keeper-Valve				
45	690977	1	Tappet-Valve				
192	807623	1	Screw				
276A	807085	1	New Tractor Loose Parts Package 211-5 Only				
337	496018	1	Sparkplug				
383	19374	1	Wrench-Sparkplug				
613	691902	1	Screw (Exhaust Muffler)				
635	692076	1	Boot-Sparkplug				
830	809157	1	Stud (Rocker Arm)				
868	691963	1	Seal-Valve				
871	692057	1	Valve Guide				
883	691613	1	Exhaust Gasket				



Assemblies include all parts shown in frames.

Cylinder Head Assembly
Briggs and Stratton Model 350447-1331-E1

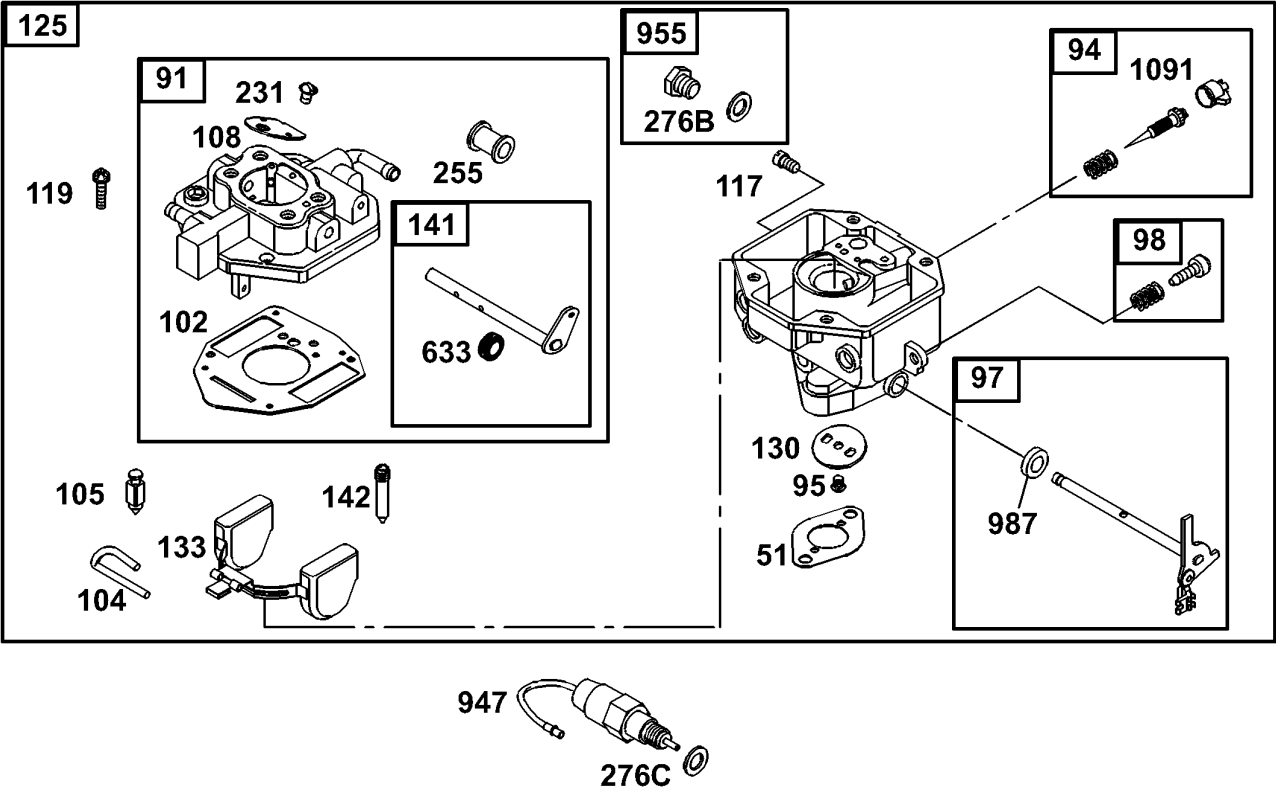
Ref	Part No.	Qty.	Description				
5B	808383	1	Cylinder Head (No. 1)				
5C	808384	1	Cylinder Head (No. 2)				
67	690888	1	Cylinder Head Gasket				
13	692059	1	Cylinder Head Screw				
33	807681	1	Valve-Exhaust				
34	807680	1	Valve-Intake				
35	692084	1	Spring-valve(Intake)				
36	692084	1	Spring-valve(Intake)				
40	692058	1	Retainer-Valve				
42	807683	1	Keeper-Valve				
45	690977	1	Tappet-Valve				
192	807623	1	Screw				
276A	691766	1	Sealing Washer				
830A	691544	1	Stud-Rocker Arm				
868	691963	1	Seal-Valve				
871	692057	1	Valve Guide				
61022	806039	1	Gasket-Valve Cover				
1026	691836	1	Rod-push(Intake Valve)				
1029	691758	1	Rod-push(Exhaust Valve)				
1029	691543	1	Arm-Rocker				
1100	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				
750	690754	1	Manifold-Intake				
3751	691694	1	Gasket-Intake				
351A	692035	1	Gasket-Intake				
7							
754	690676	1	Screw				
7122	690691	1	Spacer-Carburetor				
7276	807085	1	New Tractor Loose Parts Package 211-5 Only				
7276A	691766	1	Sealing Washer				
7338	691312	1	Gasket-Dipstick				
7365	690711	1	Screw				
7522	491832	1	Plug-Oil Filler				
7812	692055	1	Nut (Air Cleaner)				
351022	806039	1	Gasket-Valve Cover				
7							
71023	691494	1	Cover-Valve				
71023A	690910	1	Cover-Valve				

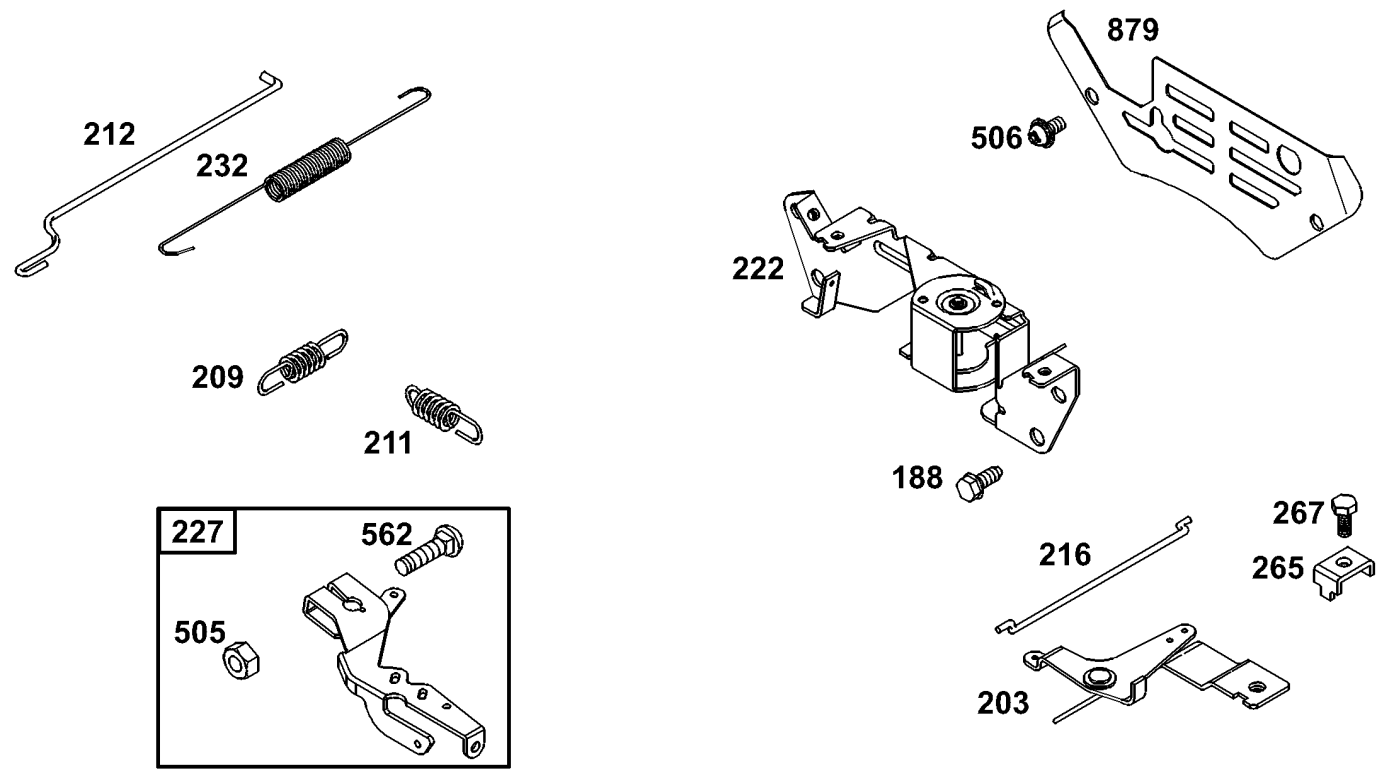


Assemblies include all parts shown in frames.

Carburetor Assembly

Briggs and Stratton Model 350447-1331-E1

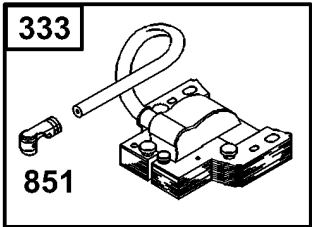
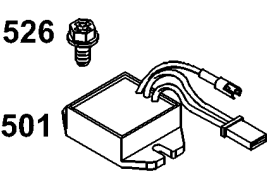
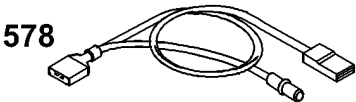
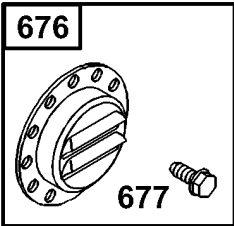
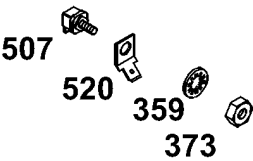
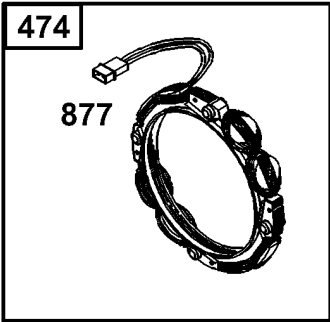
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
951	691694	1	Gasket-Intake	9987	806131	1	Seal-Shaft
991	809208	1	Upper Carburetor Body	1091	691516	1	Cap-Limiter
994	808257	1	Idle Mixture Kit				
995	690718	1	Screw (Throttle Valve)				
997	808973	1	Throttle Shaft Kit				
998	808981	1	Idle Speed Kit				
102	692077	1	Gasket-Carburetorbody				
104	690723	1	Pin-Float Hinge				
105	692078	1	Float Needle Valve				
108	690719	1	Valve-Choke				
109	809096	1	Choke Shaft				
117	808406	1	Main Jet (Standard)				
119	690720	1	Screw				
125	809209	1	Carburetor				
130	690726	1	Valve-Throttle				
133	806961	1	Float-Carburetor				
142	690725	1	Nozzle-Carburetor				
231	690718	1	Screw (Throttle Valve)				
255	690721	1	Bushing-Choke Shaft				
276B	690724	1	Sealing Washer				
276C	806137	1	Washer				
633	690722	1	Seal-Choke Shaft				
947	692094	1	Fuel Solenoid				
955	807723	1	Carburetor Plug				



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton Model 350447-1331-E1

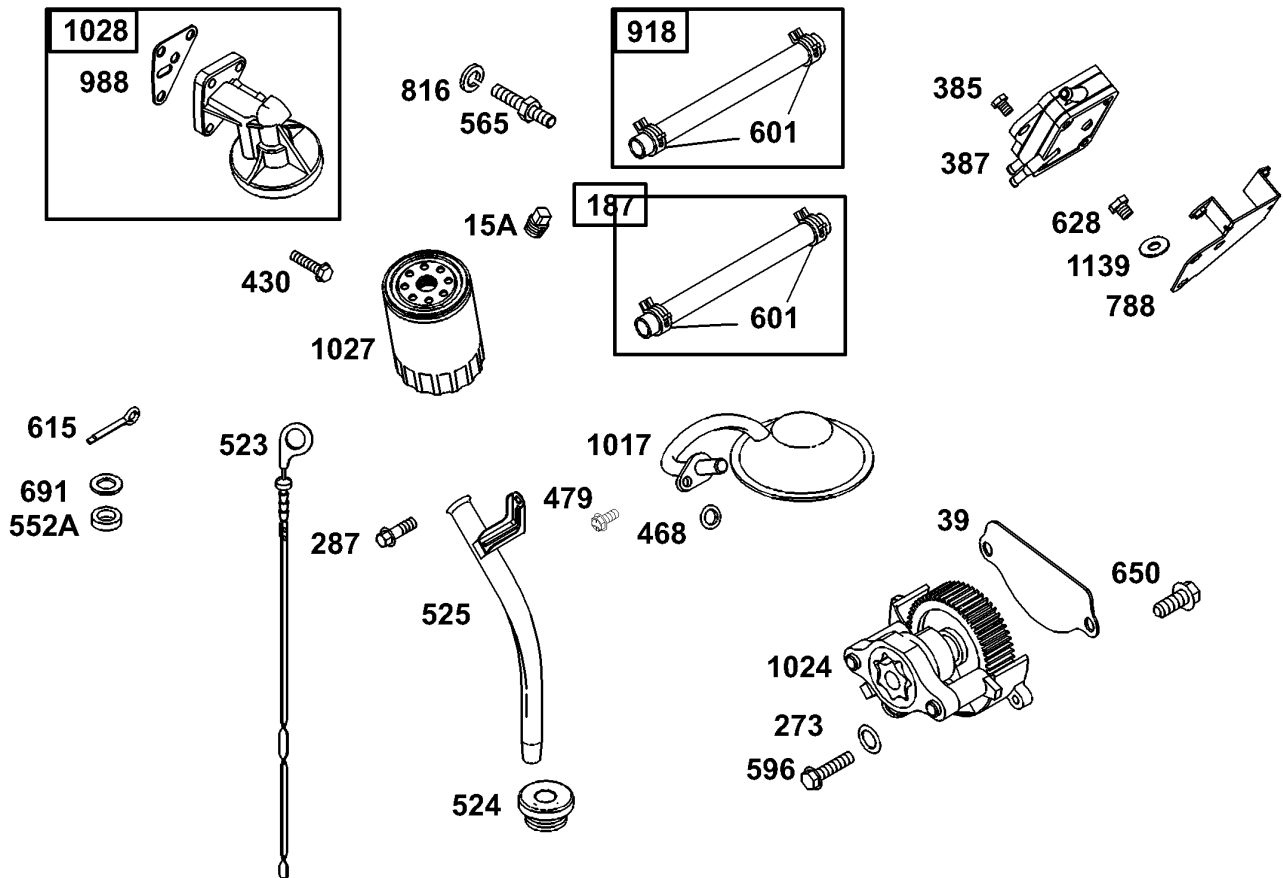
Ref	Part No.	Qty.	Description				
188	692056	1	Screw (Blower Housing)				
203	690923	1	Crank-Bell				
209	806872	1	Governor Spring				
211	806868	1	Governed Idle Spring				
	692068	1	Governed Idle Spring (Secondary)				
212	690712	1	Link-Governor				
216	690705	1	Link-Choke				
222	808454	1	Bracket-Control				
227	690236	1	Lever-Governor Control				
232	692073	1	Governor Link Spring				
265	691024	1	Clamp-Casing				
267	692083	1	Screw				
505	690238	1	Nut (Governor Control Lever)				
506	690677	1	Screw				
562	690239	1	Bolt-Carriage				
879	690757	1	Cover-Carburetor				



Assemblies include all parts shown in frames.

Alternator Assembly
Briggs and Stratton Model 350447-1331-E1

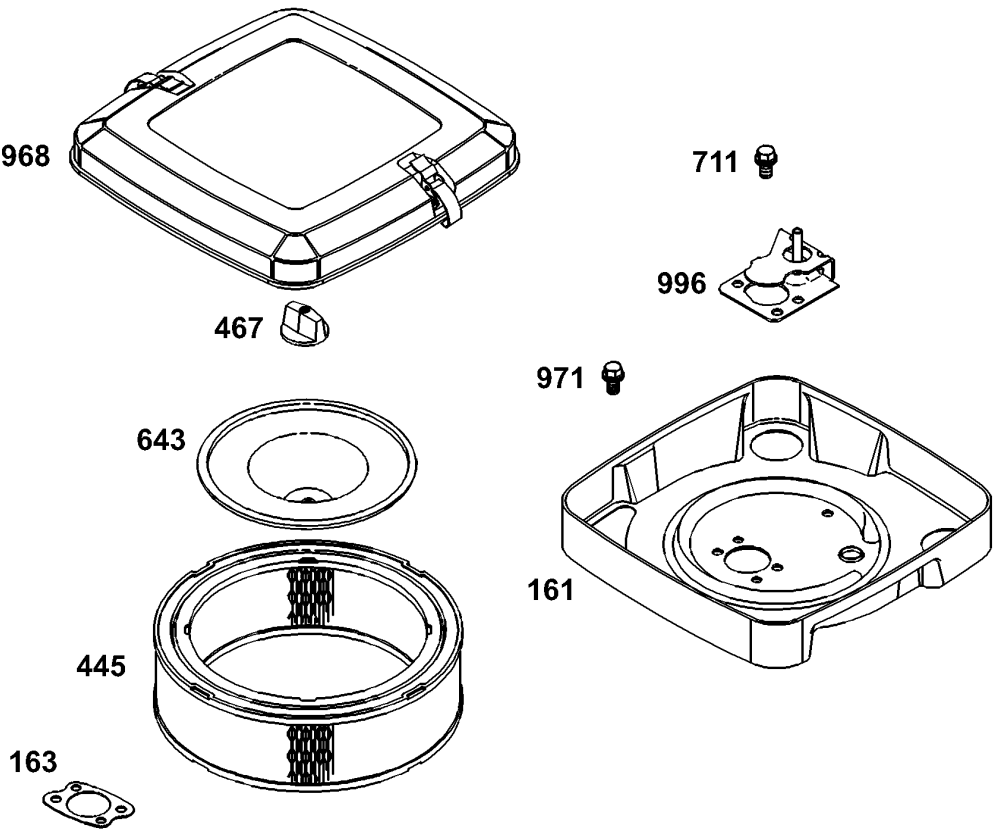
Ref	Part No.	Qty.	Description				
333	492341	1	Armature-Magneto				
334	692066	1	Screw (Magneto Armature)				
359	691077	1	Washer (Groundterminal)				
373	691612	1	Nut (Ground Terminal)				
474	696458	1	Alternator				
501	691185	1	Regulator				
507	691972	1	Insulator				
520	691084	1	Terminal-Spade				
526	692067	1	Screw (Regulator)				
529	690744	1	Grommet				
578	692319	1	Wire Assembly				
676	397630	1	Deflector-Exhaust				
677	690661	1	Screw (Flywheel Guard)				
729	690586	1	Clip-Wire				
851	493880	1	Terminal-Spark Plug				
877	399916	1	Alternator Harness				
1054	280275	1	Cable Tie				
1119	691552	1	Screw				



Assemblies include all parts shown in frames.

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

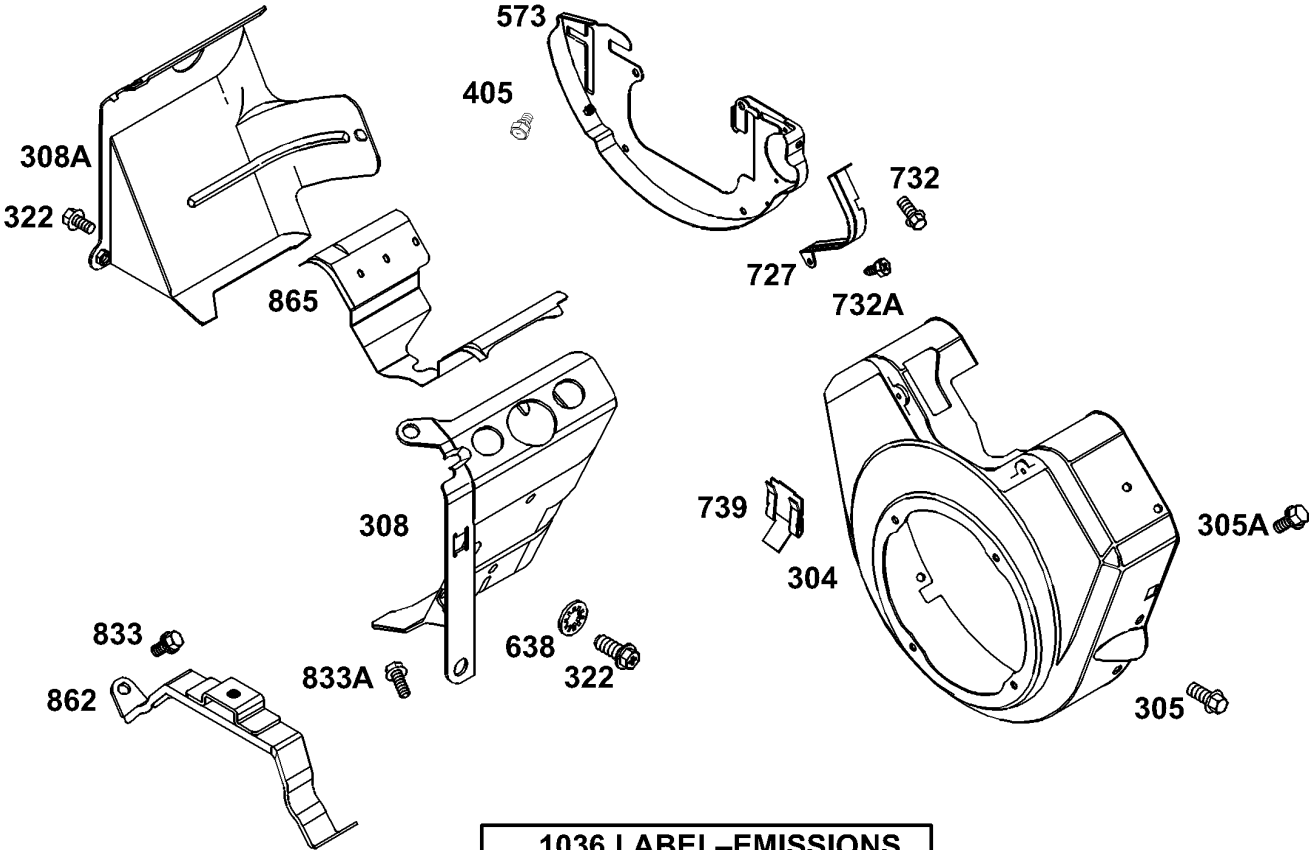
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
⑦15A	690283	1	Plug-Oil	⑦918	393815	1	Hose-Fuel
⑦39	690745	1	Deflector-Oil	③⑦988	692063	1	Oil Adapter Gasket
⑦187	691050	1	Fuel Line	⑦1017	690900	1	Screen-Oil Pump
③⑦273	690681	1	Seal-O Ring (Oil Pump)	⑦1024	693185	1	Pump-Oil
⑦287	692062	1	Screw (Drive Cap)	⑦1027	492932	1	Filter-Oil
⑦385	693169	1	Screw (Fuel Pump)	⑦1028	808235	1	Adapter-Oil Filter
⑦387	808969	1	Fuel Pump	⑦1139	806497	1	Washer(Fuel Pump Bracket)
⑦430	690679	1	Bolt (Oil Pump)				
③⑦468	690690	1	Screw				
⑦479	807084	1	New Tractor Loose Parts Package 211-3 Only				
⑦523	693175	1	Dipstick				
⑦524	693172	1	Seal-Fill Tube				
⑦525	693174	1	Dipstick Tube				
⑦552A	690701	1	Bushing-Governor Crank				
⑦565	690682	1	Stud (Oil Filter)				
⑦596	691492	1	Screw				
⑦601	691038	1	Clamp-Hose				
⑦615	691550	1	Pin-Cotter				
⑦628	692062	1	Screw (Drive Cap)				
⑦650	692539	1	Screw				
⑦691	690680	1	Seal-Governor Shaft				
⑦788	691559	1	Bracket-Pump				
⑦816	690706	1	Washer				



Assemblies include all parts shown in frames.

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

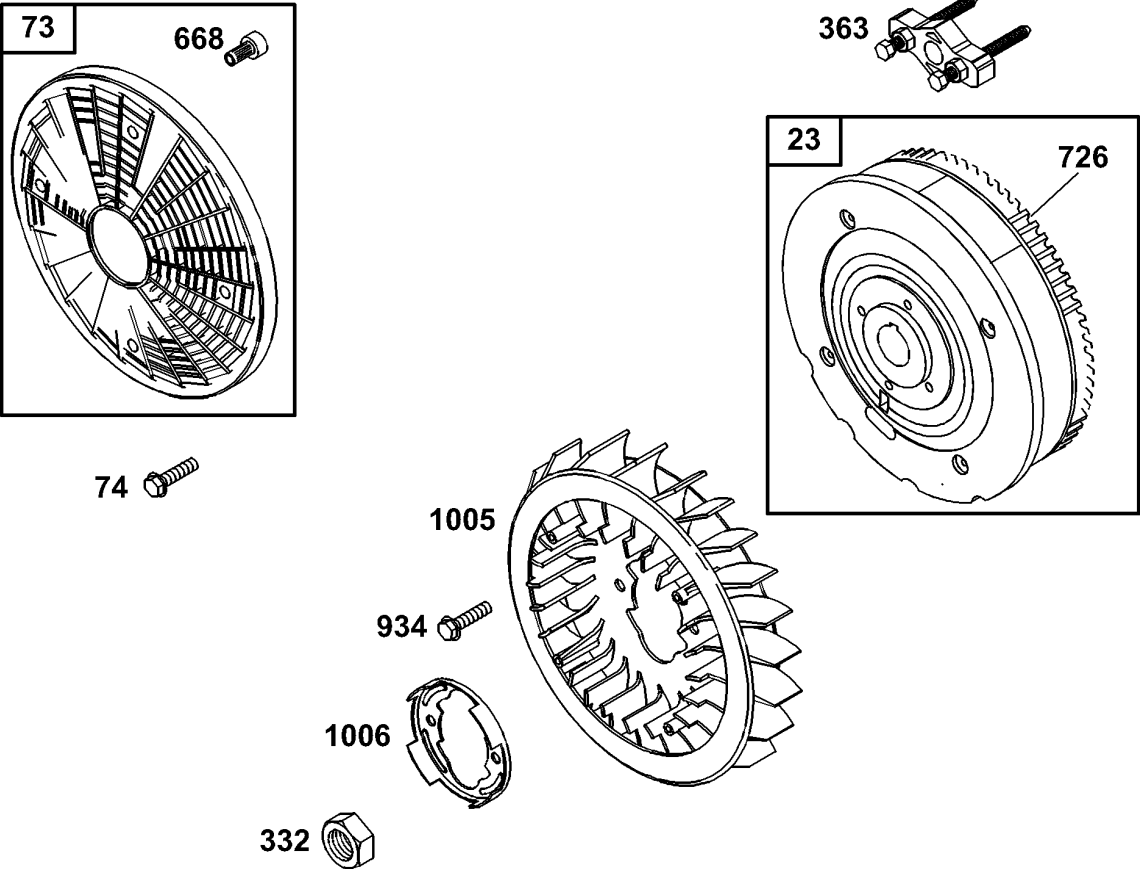
Ref	Part No.	Qty.	Description				
161	691561	1	Base-Air Cleaner				
163	692081	1	Air Cleaner Gasket				
445	394018	1	Filter-Air				
467	691985	1	Air Cleaner Knob				
643	692079	1	Air Filter Retainer				
711	692539	1	Screw				
968	692097	1	Air Cleaner Cover				
971	692537	1	Screw				
996	691577	1	Shield-Carburetor				



Assemblies include all parts shown in frames.

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

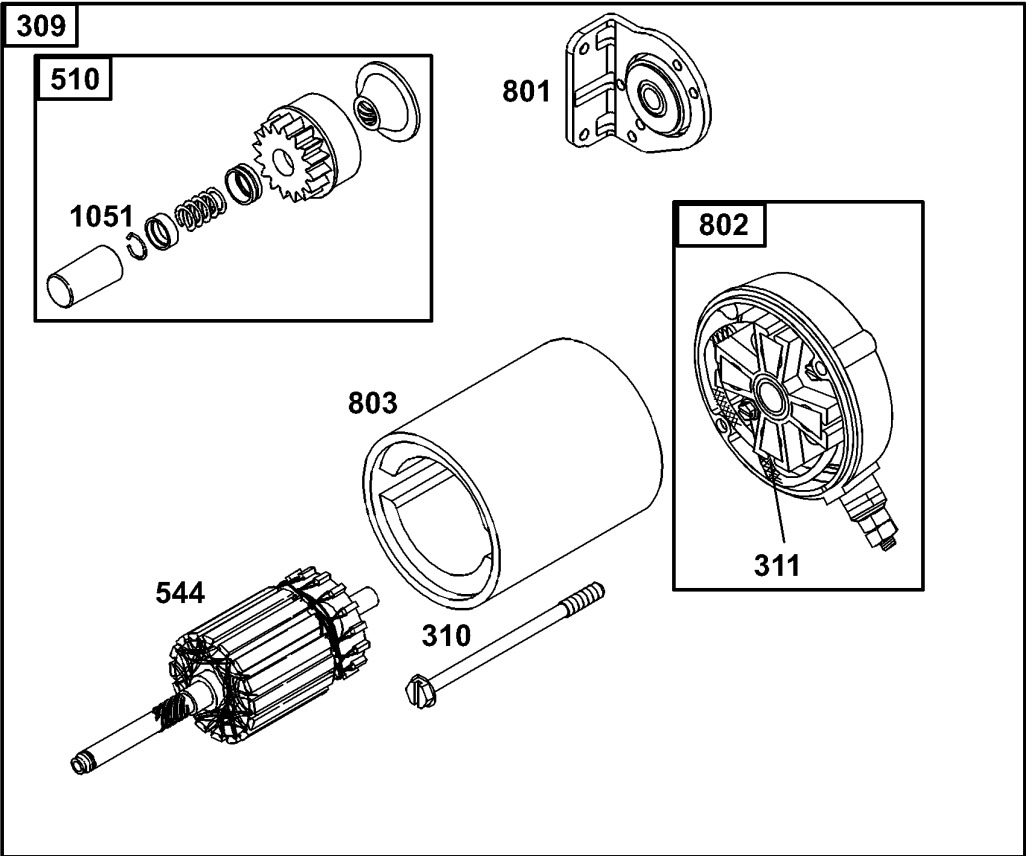
Ref	Part No.	Qty.	Description				
● 304	690929	1	Blower Housing				
● 305	692539	1	Screw				
● 305A	692056	1	Screw (Blower Housing)				
● 308	806547	1	Cylinder Head Cover (Cyl. #1)				
● 308A	806546	1	Cylinder Head Cover (Cyl. #2)				
● 322	692539	1	Screw				
● 405	807163	1	Discontinued				
● 573	690902	1	Back Plate				
● 638	691551	1	Washer-Lock				
● 727	690714	1	Shield-Starter				
● 732	692539	1	Screw				
● 732A	690688	1	Screw (Flywheel Guard)				
● 739	690451	1	Debris Clip				
● 833	692539	1	Screw				
● 833A	690872	1	Screw				
● 862	692153	1	Mount-Cleaner				
● 865	690750	1	Cover-Air Guide				
● 1036	806885	1	Emissions Label				



Assemblies include all parts shown in frames.

Flywheel Assembly
Briggs and Stratton Model 350447-1331-E1

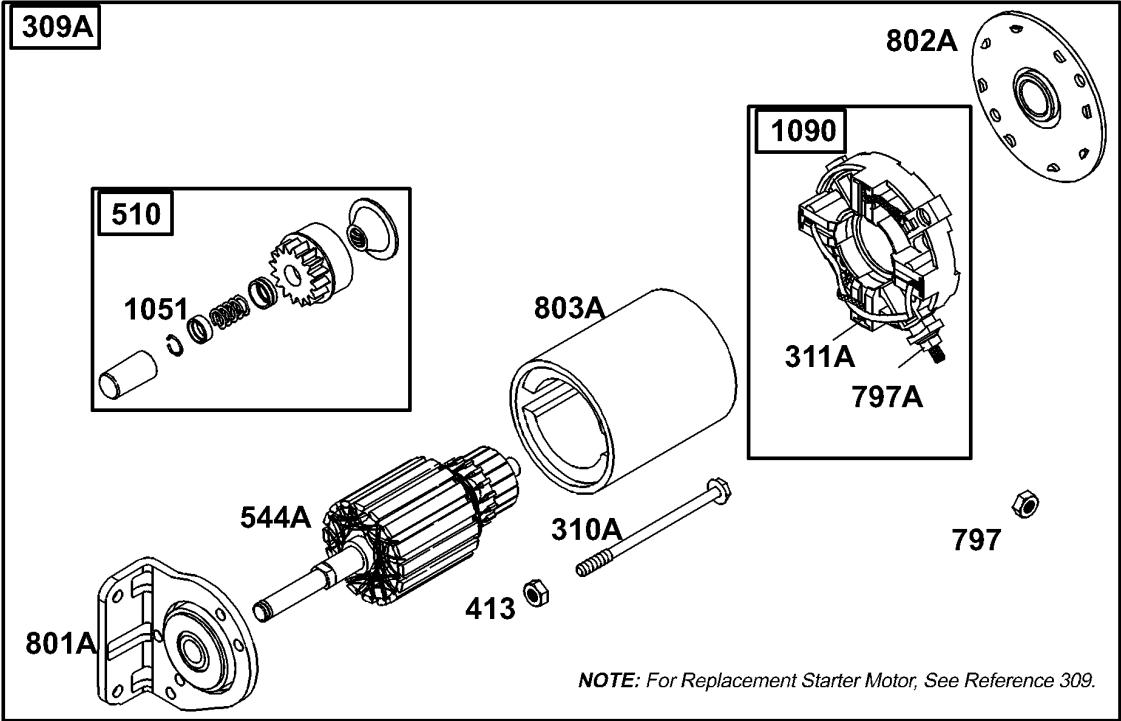
Ref	Part No.	Qty.	Description				
23	808768	1	Flywheel				
73	494439	1	Screen-Rotating				
74	691647	1	Screw (Rotating Screen)				
332	690887	1	Nut				
363	19203	1	Puller-Flywheel				
668	691500	1	Spacer				
726		1	Ring Gear (Sold In Flywheel Kit Only, See Ref. 23)				
934	691058	1	Screw (Fan Retainer)				
1005	690911	1	Flywheel Fan				
1006	690452	1	Retainer-Fan				



Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton Model 350447-1331-E1

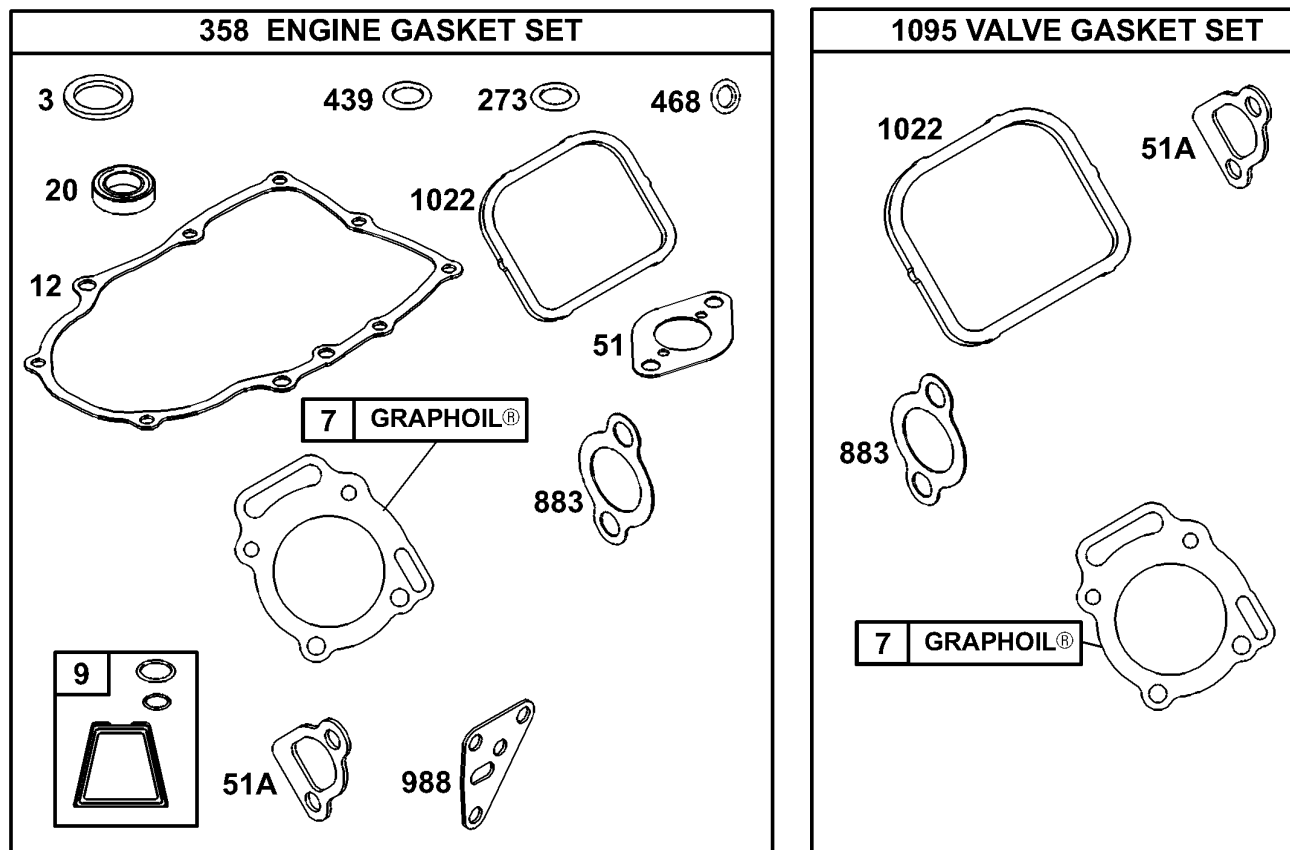
Ref	Part No.	Qty.	Description				
309	691564	0	Motor-Starter				
310	496880	1	Bolt-Thru				
311	496887	1	Brush Set				
510	496881	1	Drive-Starter				
544	690855	1	Armature-Starter				
697	692062	1	Screw (Drive Cap)				
801	808778	1	Cap-Drive				
802	496813	1	Bolt				
803	690854	1	Housing-Starter				
1051	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				
309A		0	Starter Motor (For Replacement Starter Motor, See Ref. 309)				
310A	690323	1	Bolt (Starter Motor)				
311A	497608	1	Brush Set				
413	693587	1	Nut (Starter Motor)				
510	496881	1	Drive-Starter				
544A	693548	1	Armature-Starter				
797	691029	1	Nut (Brush Retainer)				
797A	693167	1	Nut (Brush Retainer)				
801A	808777	1	Cap-Drive				
802A	691286	1	Cap-End				
803A	693547	1	Housing-Starter				
1051	691124	1	Lock Ring				
1090	691293	1	Retainer-Brush				

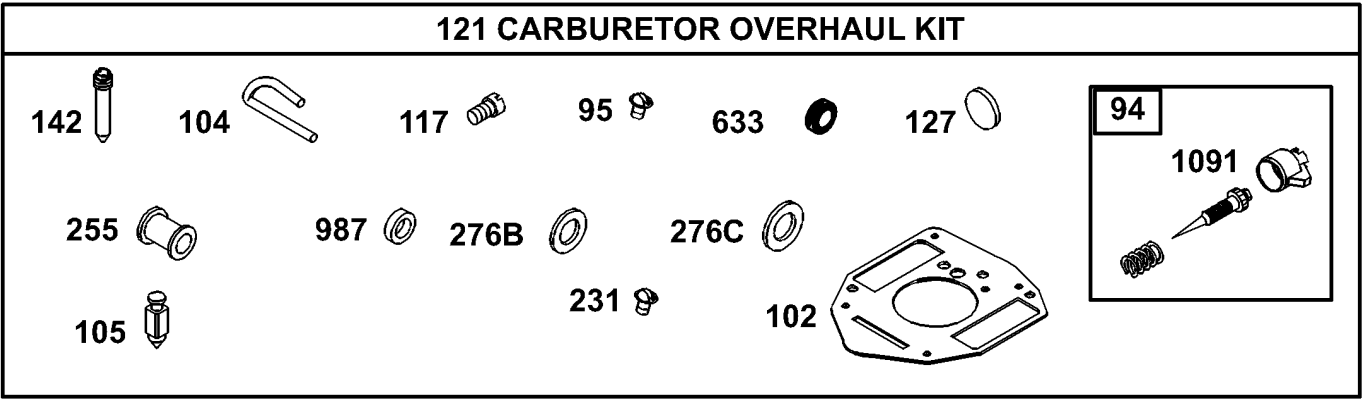


Assemblies include all parts shown in frames.

Gasket Assembly

Briggs and Stratton Model 350447-1331-E1

Ref	Part No.	Qty.	Description				
373	805101	1	Seal-Oil				
347	690888	1	Cylinder Head Gasket				
7							
379	807688	1	Gasket-Breather				
3712	691684	1	Crankcase Gasket				
3720	805049	1	Seal-Oil				
3751	691694	1	Gasket-Intake				
3751A	692035	1	Gasket-Intake				
37273	690681	1	Seal-O Ring (Oil Pump)				
34276A	691766	1	Sealing Washer				
7							
7358	808389	1	Gasket Set				
37439	692154	1	O-Ring (Crankcase Cover)				
37468	690960	1	Screw (Rocker Cover)				
34883	691613	1	Exhaust Gasket				
7							
37988	692063	1	Oil Adapter Gasket				
341022	806039	1	Gasket-Valve Cover				
7							
71095	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				
94	808257	1	Idle Mixture Kit				
95	690718	1	Screw (Throttle Valve)				
102	692077	1	Gasket-Carburetorbody				
104	690723	1	Pin-Float Hinge				
105	692078	1	Float Needle Valve				
117	806126	1	Jet-Main				
121	808395	1	Carburetor Kit				
127	690727	1	Plug-Welch				
142	806128	1	Carburetor Nozzle				
231	690718	1	Screw (Throttle Valve)				
255	690721	1	Bushing-Choke Shaft				
276B	690724	1	Sealing Washer				
276C	806137	1	Washer				
633	690722	1	Seal-Choke Shaft				
987	806131	1	Seal-Shaft				
1091	691516	1	Cap-Limiter				

NOTES

PROTOTYPE



PROTOTYPE