



Count on it.

Form No. 3361-549 Rev C

Parts Catalog

Greensmaster® 3150

2-Wheel Drive Traction Unit

Model No. 04357—Serial No. 290000001 and Up

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

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

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

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

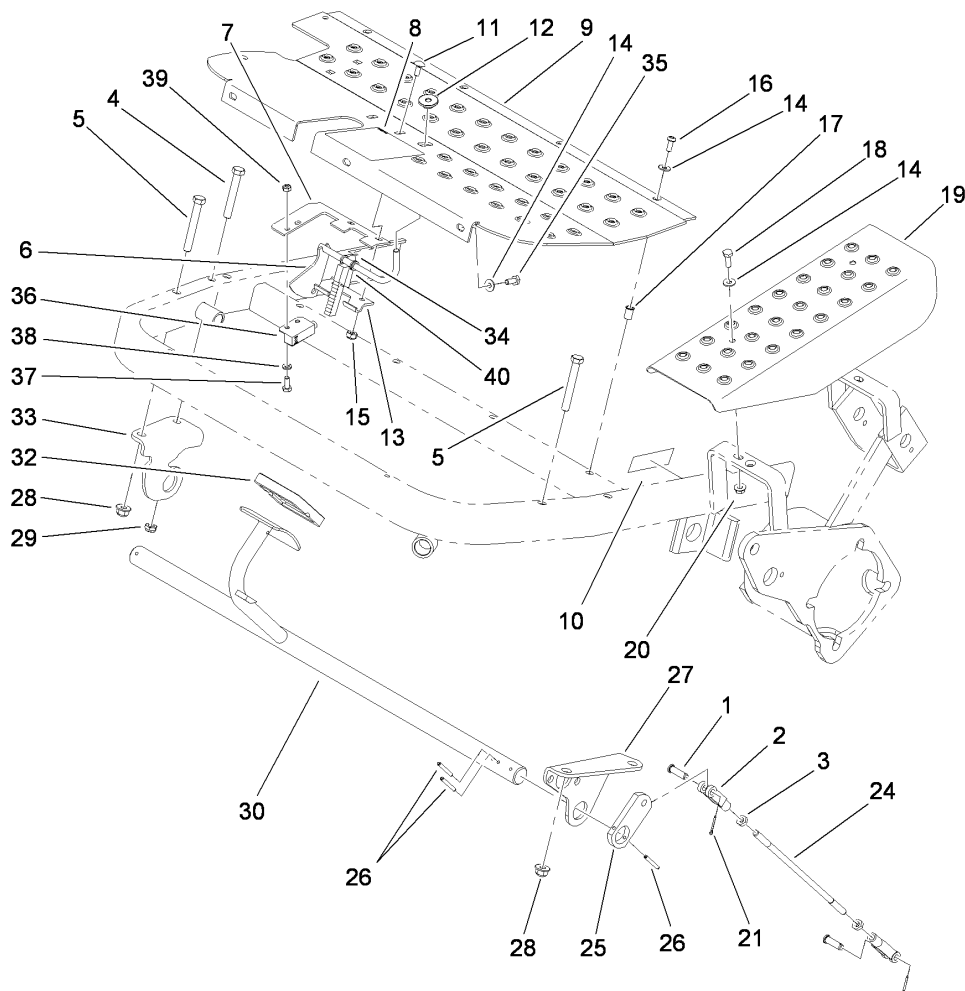
STD: standard

TAP: self tapping

TTH: torx truss head

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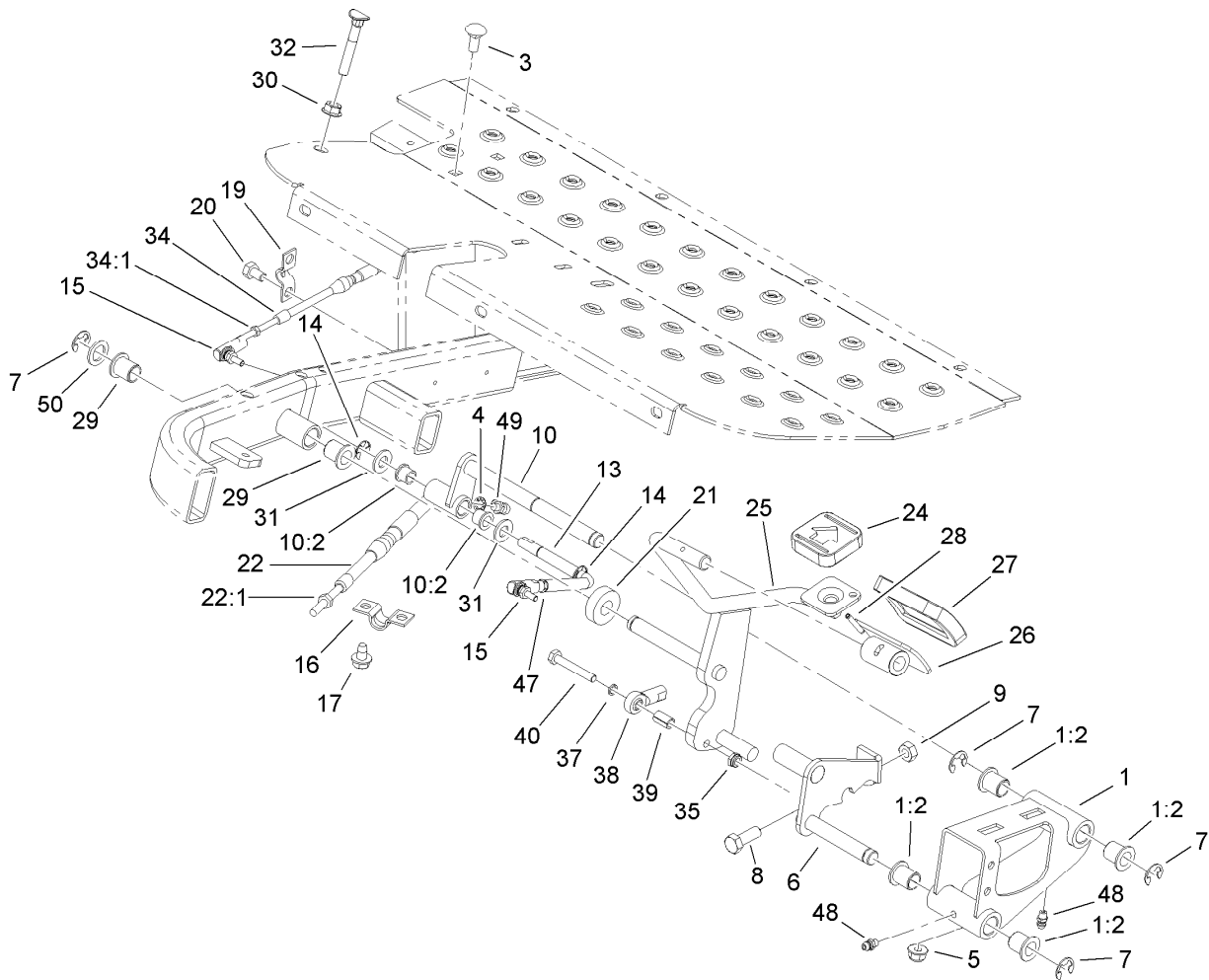
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Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	283-61	4	Pin-Yoke
2	282-2	4	Yoke
3	3220-2	4	Nut-Jam
4	323-12	1	Screw-HH
5	323-13	3	Screw-HH
6	100-9819	1	Latch ASM
7	100-9821	1	Plate-Switch, Reed
8	93-8062	1	Decal-Brake, Parking
9	105-0463-01	1	Plate-Footrest
10	114-4691	1	Decal-Regulatory
11	3229-11	2	Screw-CARR
12	32141-111	1	Nut-Adjusting
13	95-1629	1	Hinge-Lower
14	3256-1	9	Washer-Flat
15	3296-16	2	Nut-Lock, NI
16	3274-31	4	Screw-HSBH
17	32148-6	7	Insert-Nut
18	321-4	2	Screw-HH
19	83-0200-01	1	Plate-Cover, LH

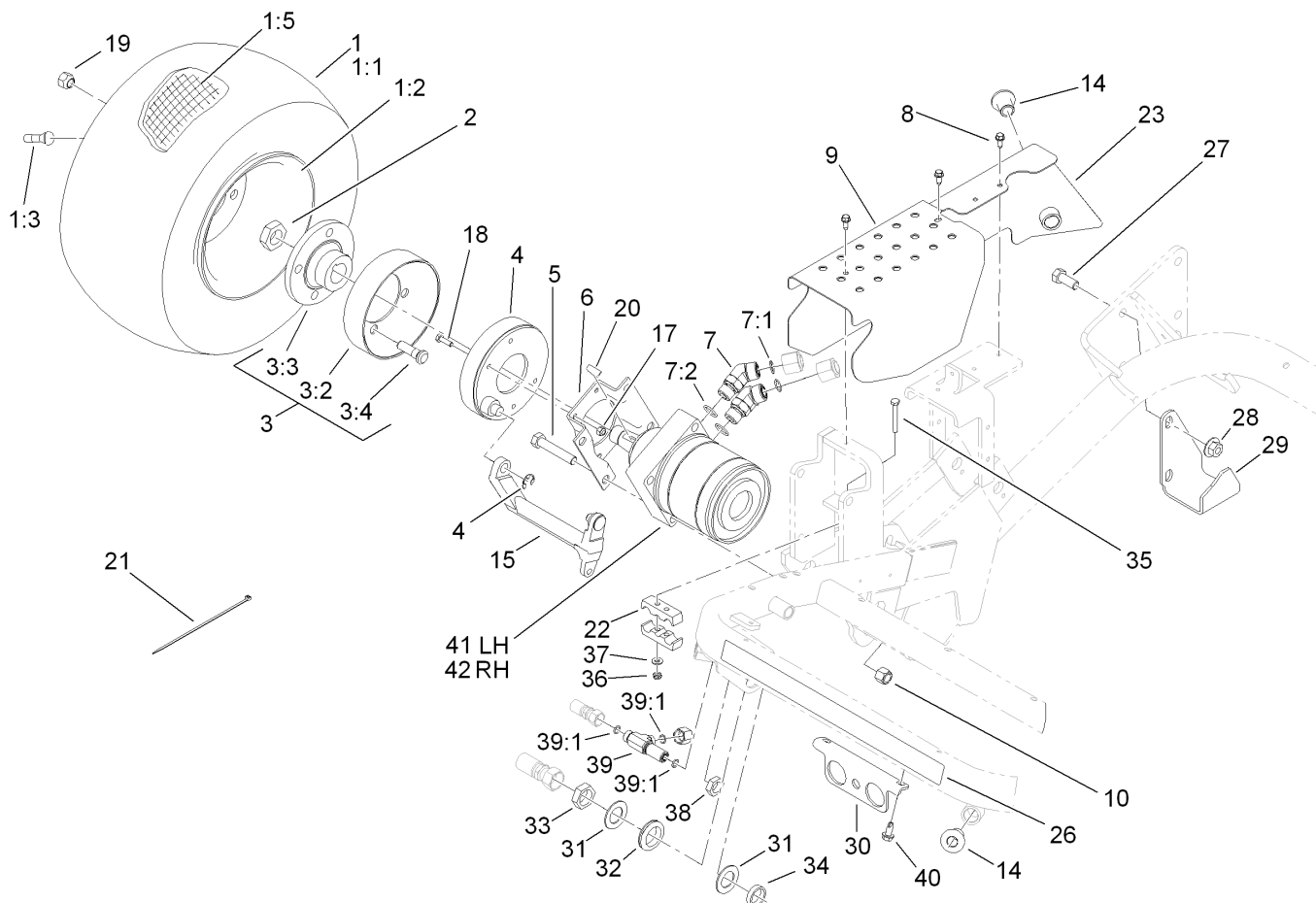
Ref.	Part Number	Qty.	Description
20	32128-33	2	Nut-HF
21	3272-6	4	Pin-Cotter
24	27-2270	2	Rod-Adjustment, Brake
25	112-9180	2	Strap-Shaft, Brake
26	32121-35	4	Pin-Roll
27	88-9640-01	1	Bracket-Lift Pivot, LH
28	104-8301	3	Nut-Flange, NI
29	3296-59	1	Nut-Lock, NI
30	83-0160	1	Shaft-Brake
32	93-7629	1	Pad-Foot, Brake
33	105-0440-01	1	Bracket-Brake, RH
34	10-8140	1	Spring-Latch, Brake
35	321-3	3	Screw-HH
36	104-2057	1	Sensor
37	33113-016	2	Screw-HH
38	33093-00	2	Washer-Flat
39	33023-00	2	Nut-Lock
40	75-5470	2	Spacer-Bearing



Traction Pedal Assembly

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

Ref.	Part Number	Qty.	Description
24	74-9110	1	Pad-Pedal, Reverse
25	105-5421-01	1	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	3256-24	2	Washer-Flat
32	17-9426	1	Screw-Handle
34	105-5444	1	Cable-Lock, Neutral
34:1	3219-14	2	Nut-Hex
35	3296-56	1	Nut-Lock, NI
37	105-8318	1	Washer-Flat
38	2411-41	1	Rod End-Ball Joint
39	80-0650	1	Spacer-Tubular
40	321-10	1	Screw-HH
47	3219-14	1	Nut-Hex
48	302-5	2	Fitting-Grease
49	302-60	1	Fitting-Grease
50	3256-76	1	Washer-Flat

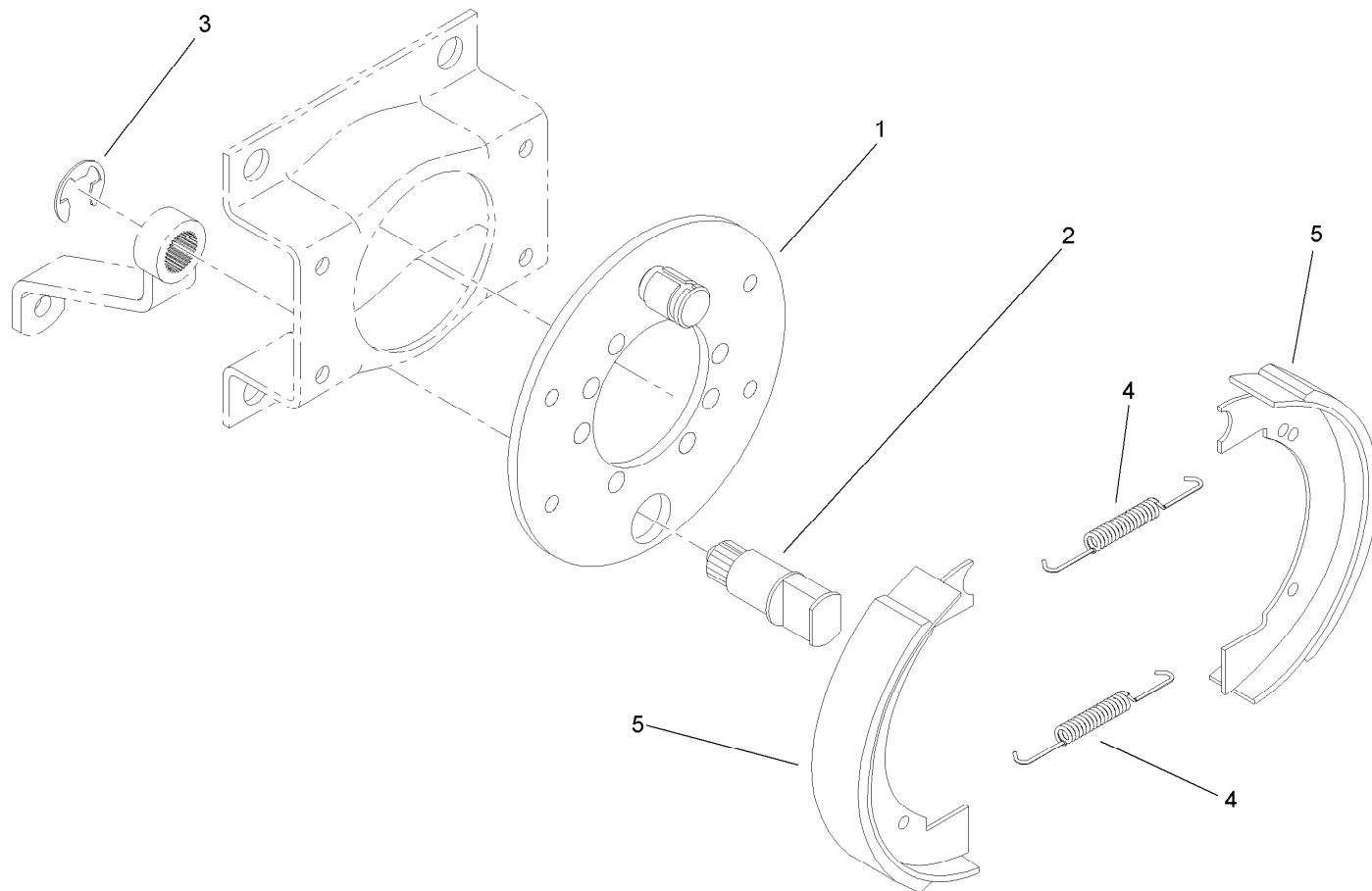


Front Wheel and Brake Assembly

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

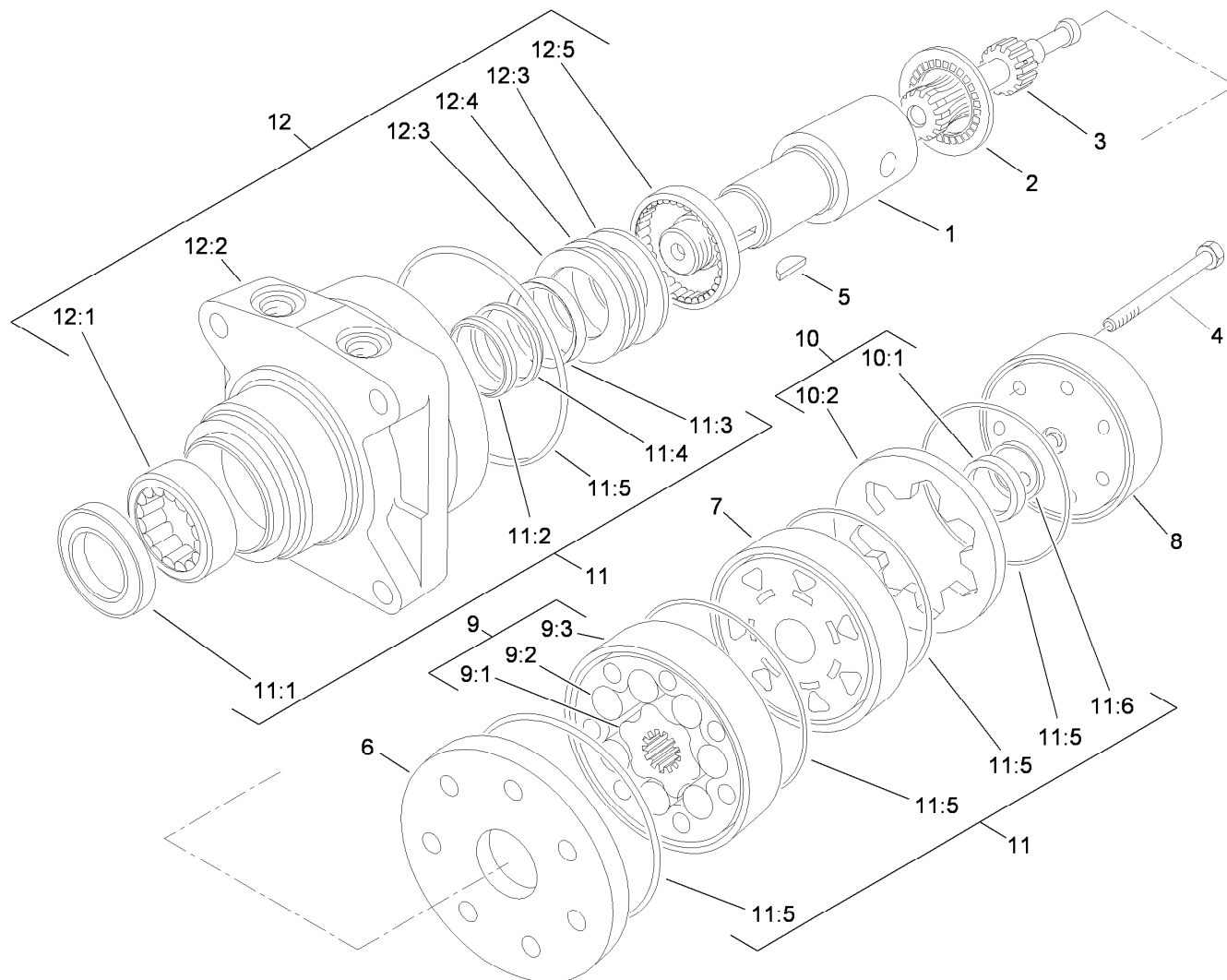
Ref.	Part Number	Qty.	Description
19	242-50	8	Nut-Lug
20	3257-42	2	Key-Woodruff
21	3290-378	3	Tie-Cable
22	93-2509	2	Clamp-Tube
23	105-8282-01	1	Side Shield ASM
26	115-5216	1	Decal
27	325-5	2	Screw-HH
28	32128-52	2	Locknut-Flange
29	105-8263-01	1	Bracket-ROPS
30	107-2552-01	1	Bracket-Bulkhead
31	69-9010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

● Not serviced separately



Brake Assembly No. 104-7705

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

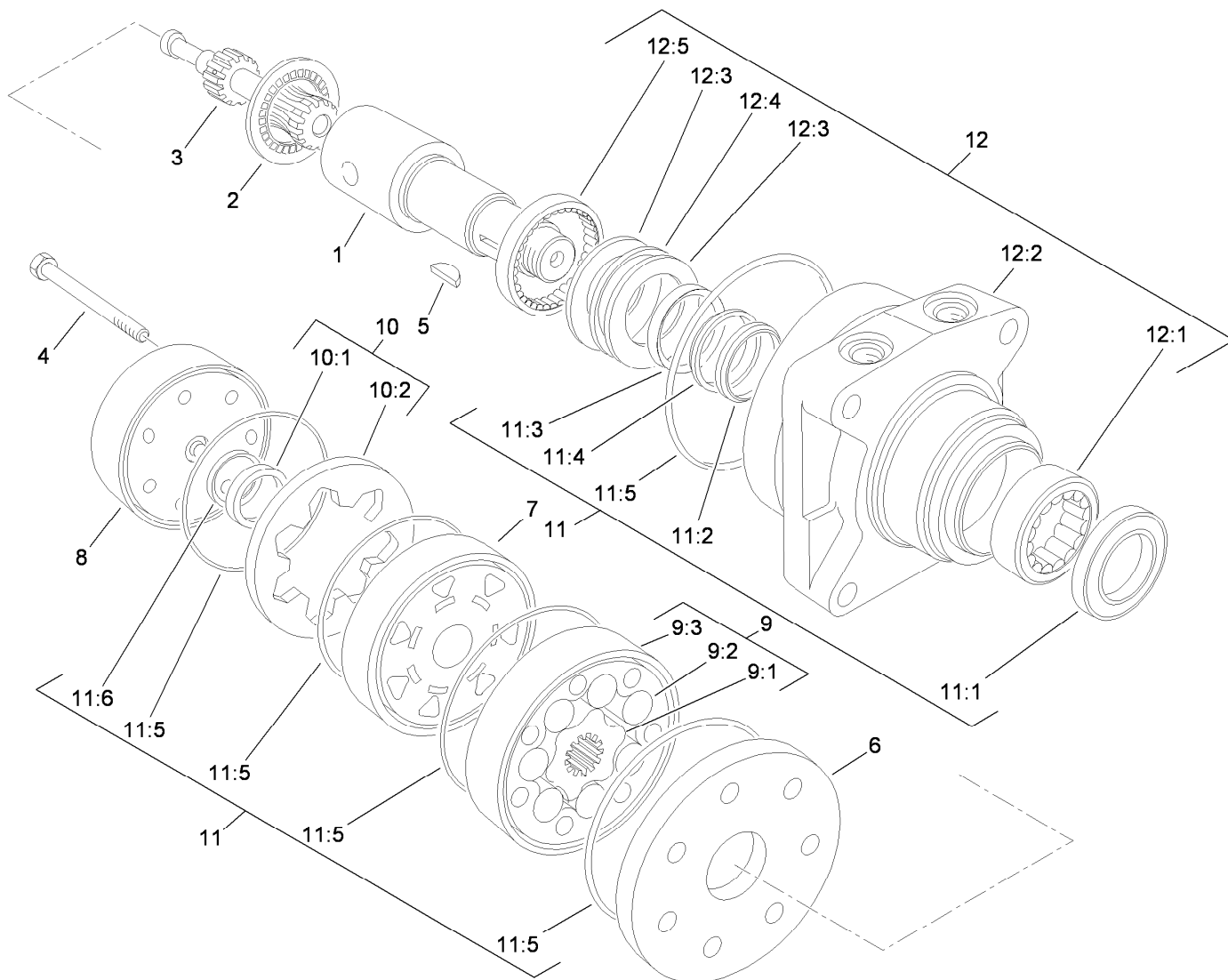


LH Hydraulic Motor Assembly No. 110-4015

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

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

● Not serviced separately

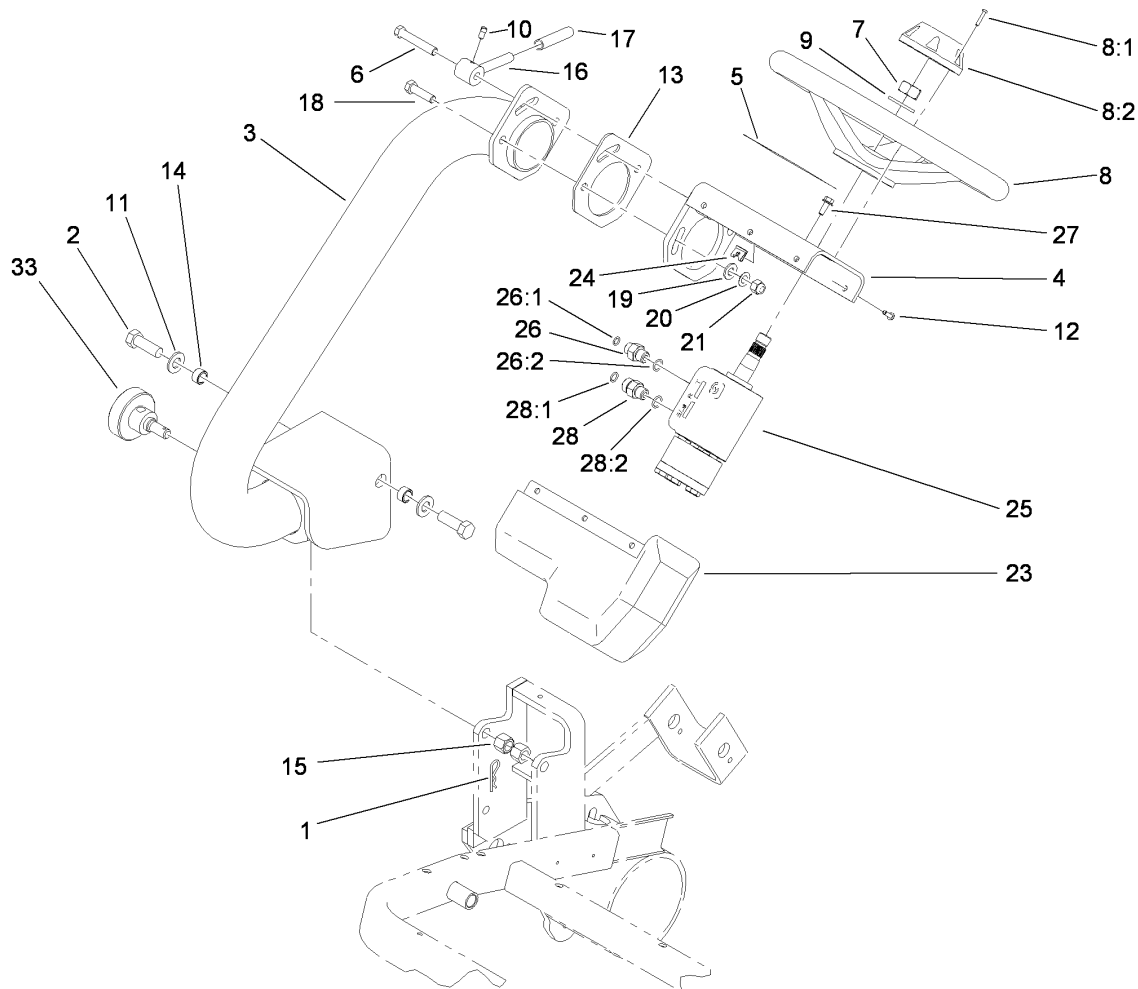


RH Hydraulic Motor Assembly No. 110-4016

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

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

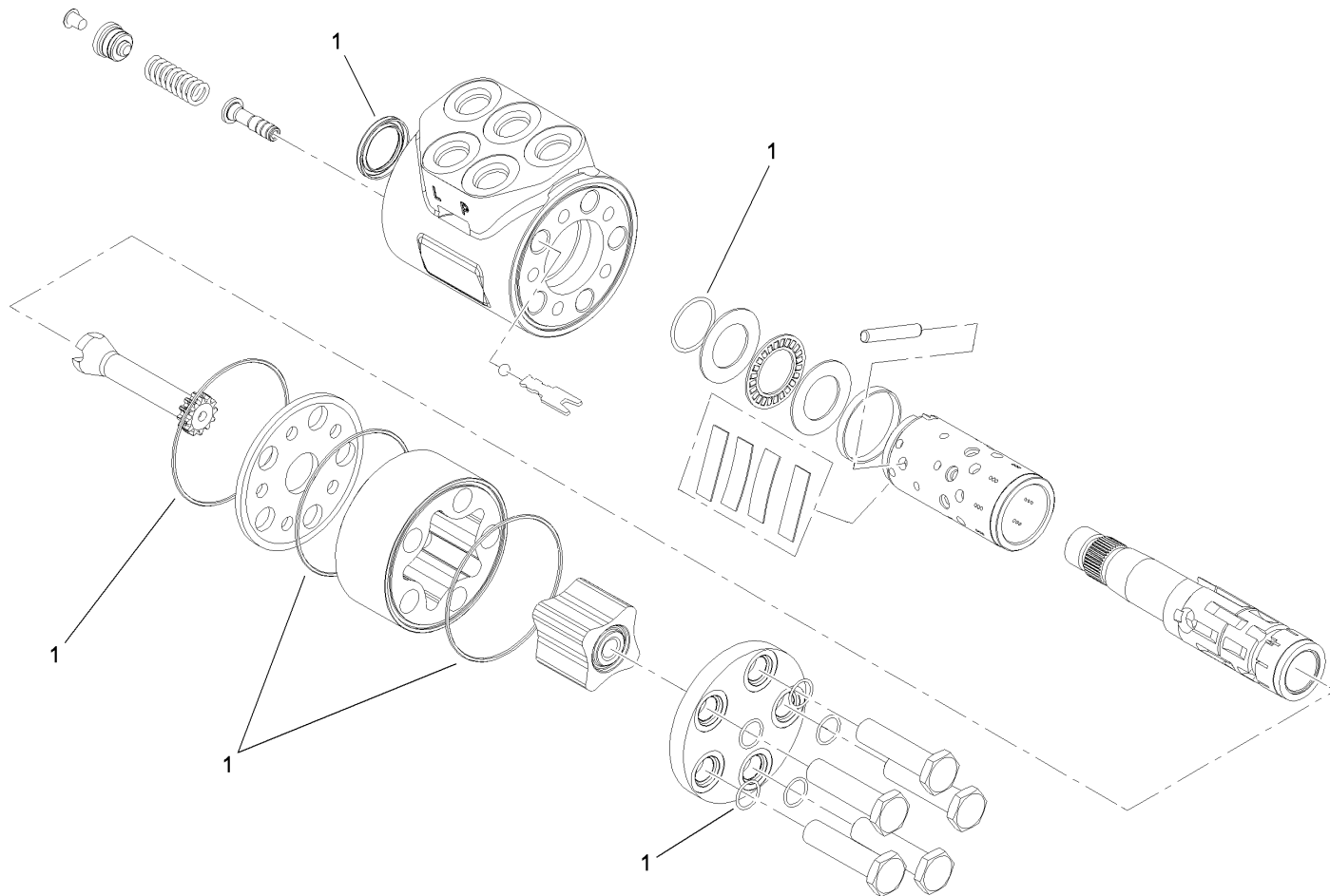
● Not serviced separately



Steering Arm Assembly

Ref.	Part Number	Qty.	Description
1	3290-467	1	Pin-Hair
2	325-6	2	Screw-HH
3	105-0418-01	1	Steering Arm ASM
4	114-4693-03	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	110-8816	1	Nut-Hex
8	75-0560	1	Wheel-Steering
8:1	32144-21	1	Screw
8:2	68-5140	1	Cap-Wheel, Steering
9	3256-27	1	Washer-Flat
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

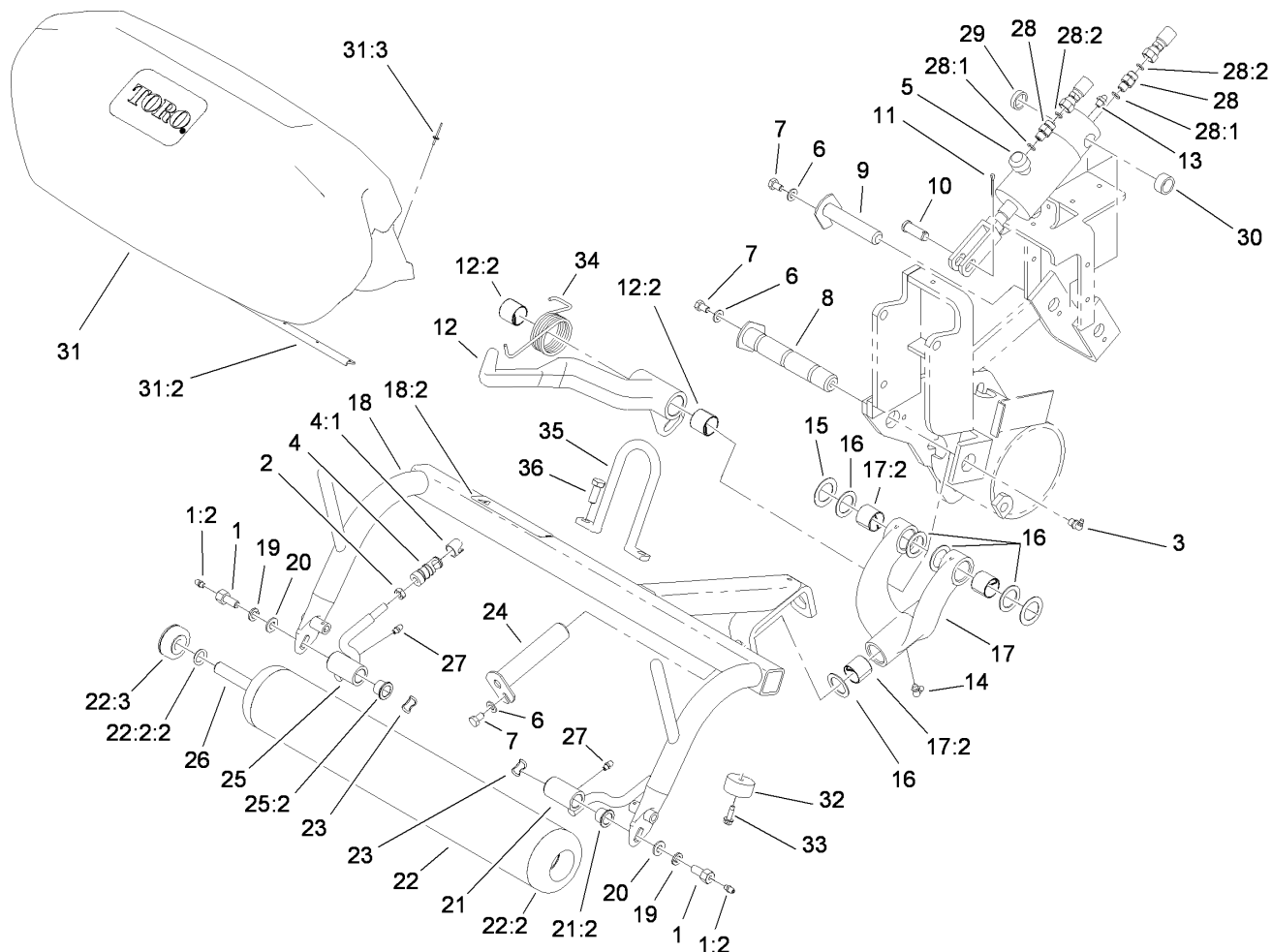
Ref.	Part Number	Qty.	Description
16	105-4313	1	Lever ASM
17	92-6798	1	Cap-Rod, Tilt
18	323-29	2	Screw-HH
19	3256-24	2	Washer-Flat
20	3290-477	2	Washer-Curved
21	3296-39	2	Nut-Lock, NI
23	83-0810	1	Cover-Steering
24	3290-277	6	Nut-Speed
25	114-4672	1	Valve-Steering
26	340-1	2	Adapter
26:1	237-21	1	O-Ring
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 Valve Assembly No. 114-4672

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

● Not serviced separately

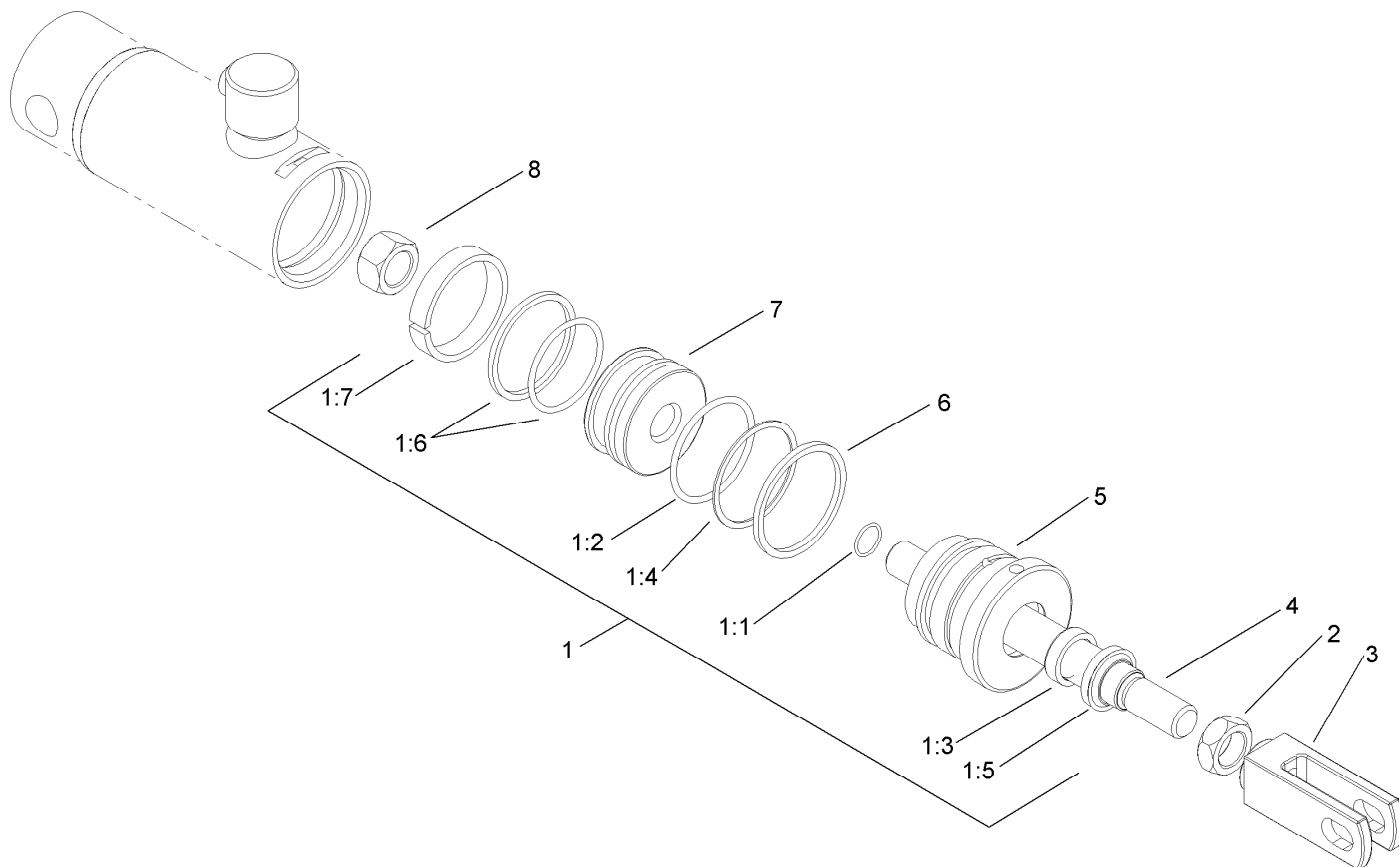


Right Hand Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	11-0160	2	Roller Shaft Screw ASM
1:2	302-5	1	Fitting-Grease
2	3220-3	2	Nut-HJ
3	302-33	1	Fitting-Grease
4	99-1460	2	Ball Joint Receiver ASM
4:1	99-1461	1	Sleeve-Joint, Ball
5	106-9066	1	HYD Cylinder ASM
6	3256-23	3	Washer-Flat
7	322-1	3	Screw-HH
8	114-4683	1	Hinge Pin ASM
9	10-6060	1	Pin-Pivot
10	283-8	1	Pin-Clevis
11	3272-11	1	Pin-Cotter
12	107-2599	1	RH Lift Arm ASM
12:2	3-0348	2	Bushing
13	302-2	1	Fitting-Grease
14	302-60	1	Fitting-Grease
15	5-1226	4	Washer
16	10-8110	6	Washer-Thrust
17	10-7820	1	Pivot Hinge ASM
17:2	3-0348	4	Bushing
18	112-0282	1	RH Pull Frame ASM
18:2	93-6688	1	Decal-Danger
19	3253-21	2	Washer-Lock
20	3256-24	2	Washer-Flat

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

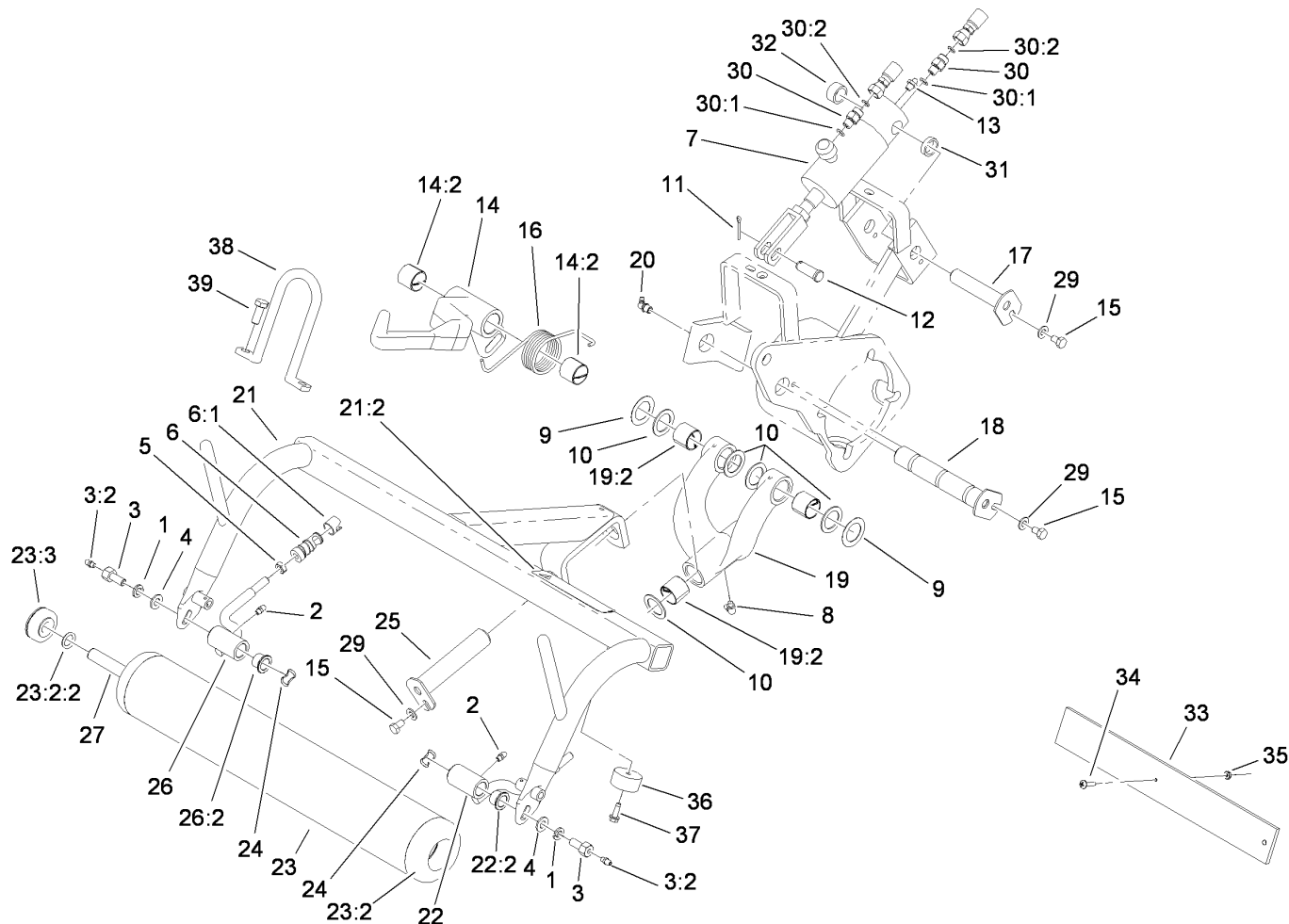
● Not serviced separately



Hydraulic Cylinder Assembly No. 106-9066

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

● Not serviced separately

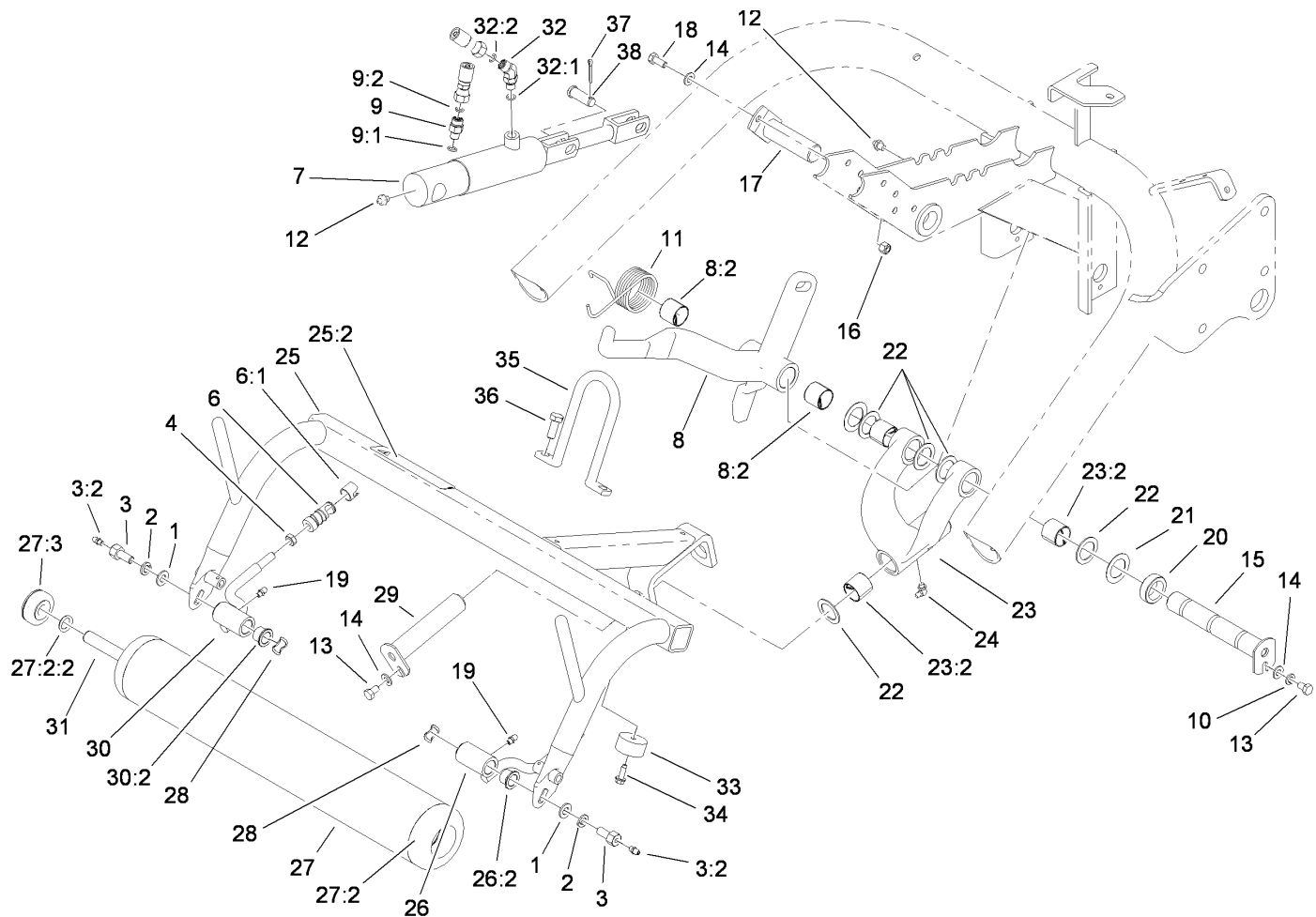


Left Hand Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	3253-21	2	Washer-Lock
2	302-5	2	Fitting-Grease
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3256-24	2	Washer-Flat
5	3220-3	2	Nut-HJ
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9066	1	HYD Cylinder ASM
8	302-60	1	Fitting-Grease
9	5-1226	4	Washer
10	10-8110	6	Washer-Thrust
11	3272-11	1	Pin-Cotter
12	283-8	1	Pin-Clevis
13	302-2	1	Fitting-Grease
14	107-2598	1	LH Lift Arm ASM
14:2	3-0348	2	Bushing
15	322-1	3	Screw-HH
16	110-3952	1	Spring-Torsion, LH
17	10-6060	1	Pin-Pivot
18	114-4683	1	Hinge Pin ASM
19	10-7820	1	Pivot Hinge ASM
19:2	3-0348	4	Bushing
20	302-33	1	Fitting-Grease
21	112-0283	1	LH Pull Frame ASM

Ref.	Part Number	Qty.	Description
21:2	93-6688	1	Decal-Danger
22	92-0586	1	Pull Arm ASM
22:2	3-1506	2	Bushing
23	99-4277	1	Roller ASM
23:2		2	Hub Yoke ASM ●
23:2:2	253-83	1	Seal-Oil
23:3	251-141	2	Bearing-Ball
24	3290-317	2	Washer-Spring
25	10-6090	1	Pin-Pivot
26	92-0585	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	21-8470	1	Shaft-Roller
29	3256-23	3	Washer-Flat
30	340-92	2	Fitting-HYD, Straight
30:1	237-78	1	O-Ring
30:2	237-21	1	O-Ring
31	105-3828	1	Spacer
32	74-3730	1	Spacer-Spindle, Rear
33	65-8320	1	Bar-Gauge
34	32122-22	1	Screw-HH
35	3219-14	1	Nut-Hex
36	94-4548	2	Bumper-Recessed
37	32104-95	2	Screw-HWH
38	105-5740	1	Hook-Lift
39	33115-025	2	Screw-HH

● Not serviced separately

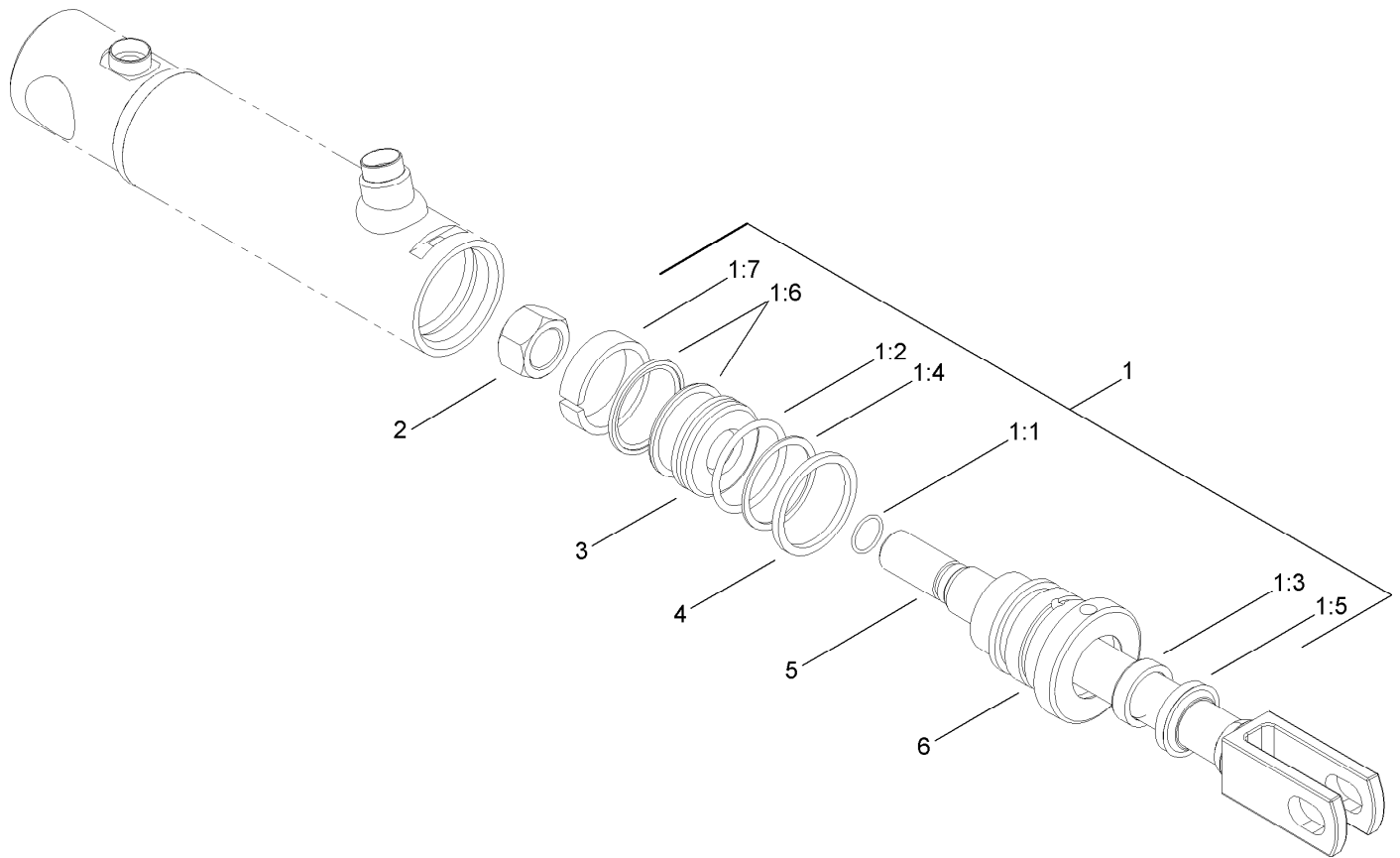


Center Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw ASM
3:2	302-5	1	Fitting-Grease
4	3220-3	2	Nut-HJ
6	99-1460	2	Ball Joint Receiver ASM
6:1	99-1461	1	Sleeve-Joint, Ball
7	106-9064	1	HYD Cylinder ASM
8	110-3955	1	Center Lift Arm ASM
8:2	3-0348	2	Bushing
9	340-92	1	Fitting-HYD, Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	3253-4	1	Washer-Lock
11	110-3953	1	Spring-Torsion, Center
12	302-2	2	Fitting-Grease
13	322-1	2	Screw-HH
14	3256-23	3	Washer-Flat
15	114-4685	1	Hinge Pin ASM
16	3296-29	1	Nut-Lock, NI
17	68-5560	1	Pin-Cylinder, Pivot
18	322-3	1	Screw-HH
19	302-5	2	Fitting-Grease
20	93-2384	1	Spacer-Carrier
21	5-1226	4	Washer
22	10-8110	6	Washer-Thrust

Ref.	Part Number	Qty.	Description
23	105-0452	1	Pivot Hinge ASM
23:2	3-0348	4	Bushing
24	302-60	1	Fitting-Grease
25	112-0284	1	Rear Pull Frame ASM
25:2	93-6688	1	Decal-Danger
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
32	340-103	1	Fitting-HYD, 45 DEG
32:1	237-78	1	O-Ring
32:2	237-21	1	O-Ring
33	94-4548	2	Bumper-Recessed
34	32104-95	2	Screw-HWH
35	105-5740	1	Hook-Lift
36	33115-025	2	Screw-HH
37	3272-11	1	Pin-Cotter
38	283-8	1	Pin-Clevis

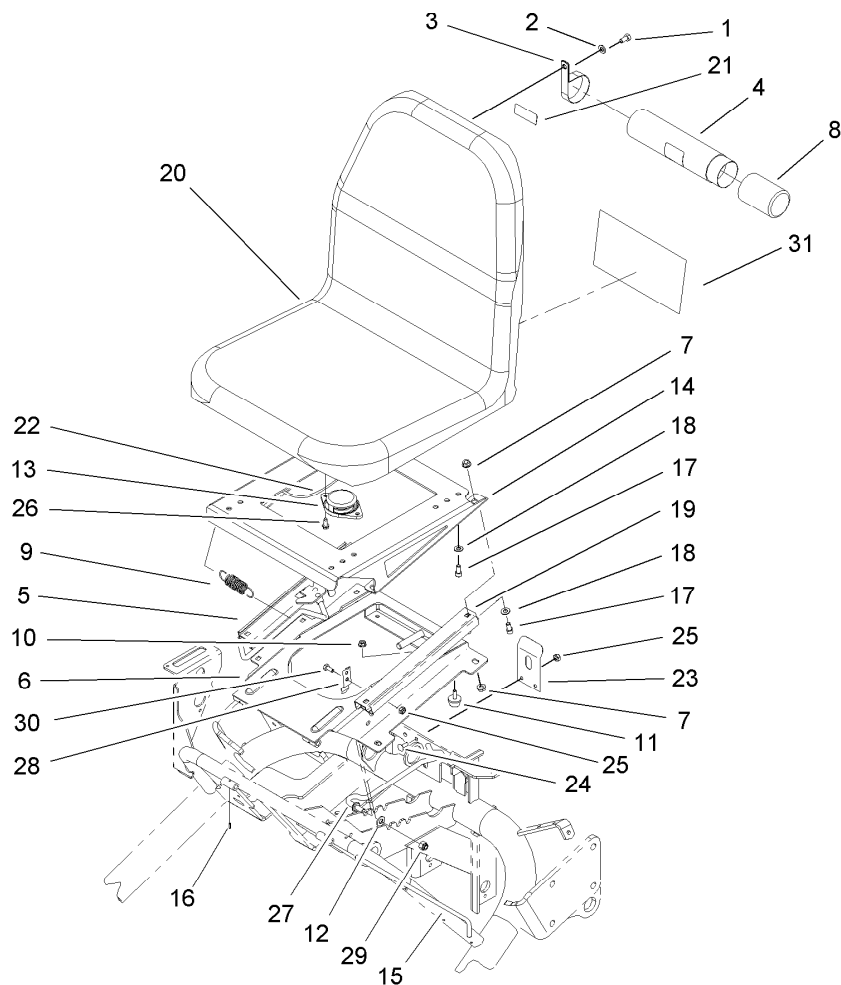
● Not serviced separately



Hydraulic Cylinder Assembly No. 106-9064

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

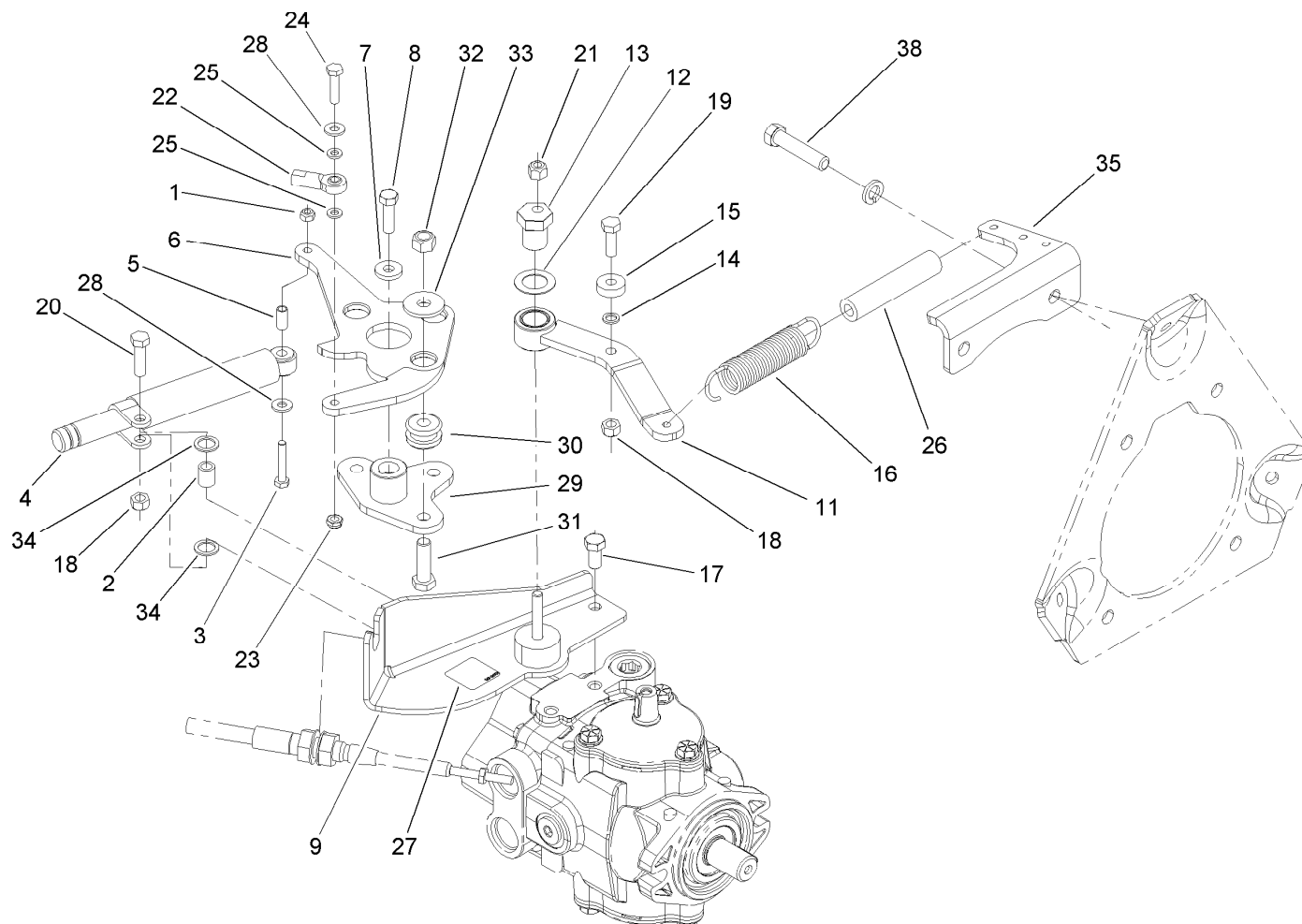
● Not serviced separately



Seat Assembly

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

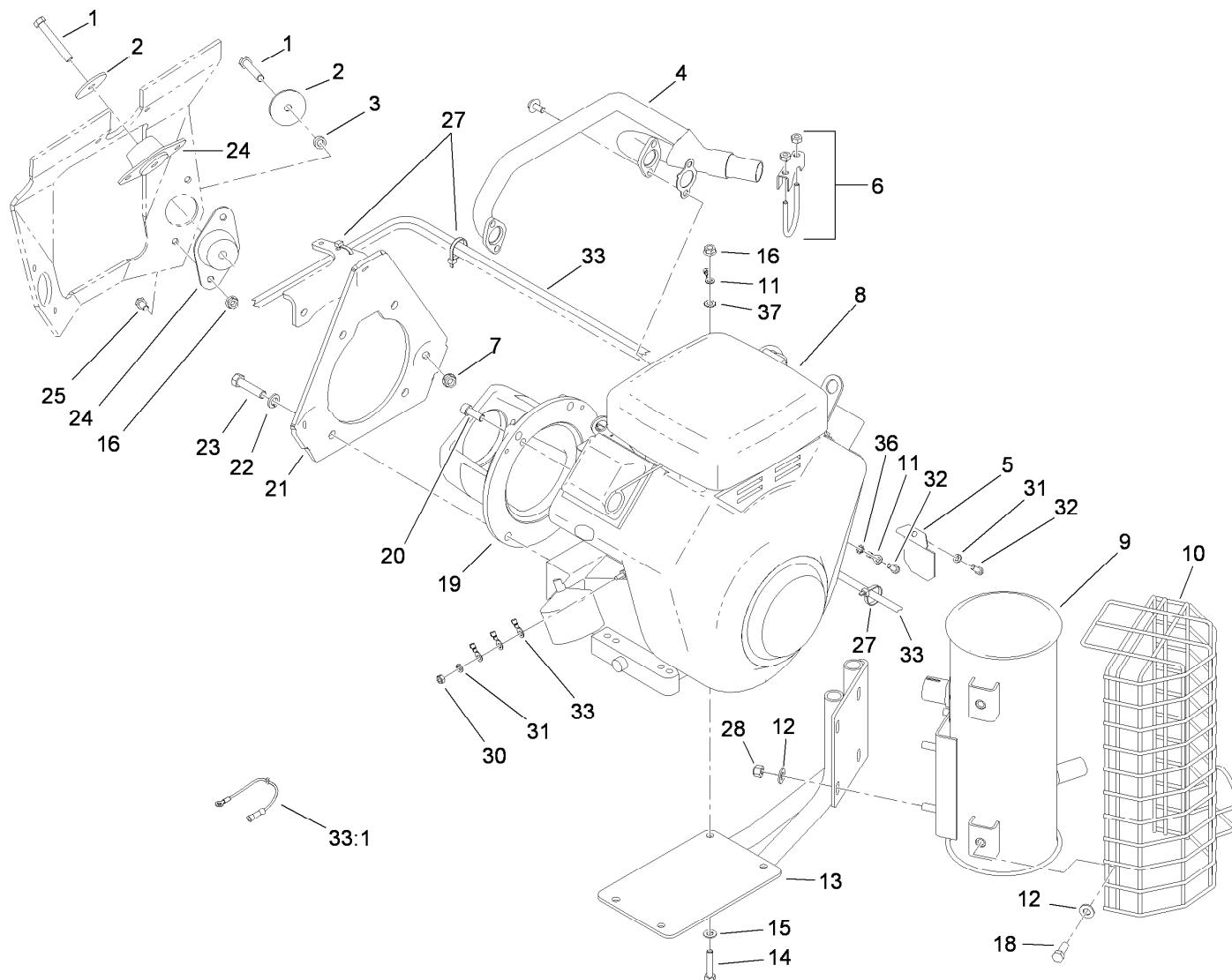
Ref.	Part Number	Qty.	Description
22	108-9466	1	Harness-Wire, Seat
23	66-2630	1	Latch-Seat
24	3229-1	2	Screw-CARR
25	3296-16	4	Nut-Lock, NI
26	32144-10	2	Screw-HWH
27	106-4643	1	Rod-Prop, Seat
28	68-5310	1	Clip-Rod, Prop
29	3296-39	1	Nut-Lock, NI
30	321-3	2	Screw-HH
31	105-8291	1	Decal-Service
31	105-8292	1	Decal-Spanish
31	105-8293	1	Decal-French
31	105-8296	1	Decal-Italian
31	105-8295	1	Decal-Swedish
31	105-8294	1	Decal-German
31	105-8297	1	Decal-Portuguese
31	105-8298	1	Decal-Norwegian
31	105-8299	1	Decal-Finnish
31	105-8300	1	Decal-Danish
31	105-8301	1	Decal-Dutch
31	105-8302	1	Decal-Japan



Neutral System Assembly

Ref.	Part Number	Qty.	Description
1	33023-00	1	Nut-Lock
2	94-8197	1	Tube-Pivot
3	33113-035	1	Screw-HH
4	76-8870	1	Lever Damper ASM
5	94-1312	1	Spacer-Pivot
6	105-5477-03	1	Lever-Pump
7	88-7200	1	Washer-Flat
8	3210-6	1	Screw-HH
9	105-5475	1	Cable Support ASM
11	105-4302	1	Neutral Arm ASM
12	3-6498	1	Washer-Thrust
13	93-2111	1	Stud-Traction
14	75-5470	1	Spacer-Bearing
15	251-259	1	Bearing-Ball
16	94-1369	1	Spring-Extension
17	323-4	2	Screw-HH
18	33024-00	2	Nut-Lock
19	33114-025	1	Screw-HH

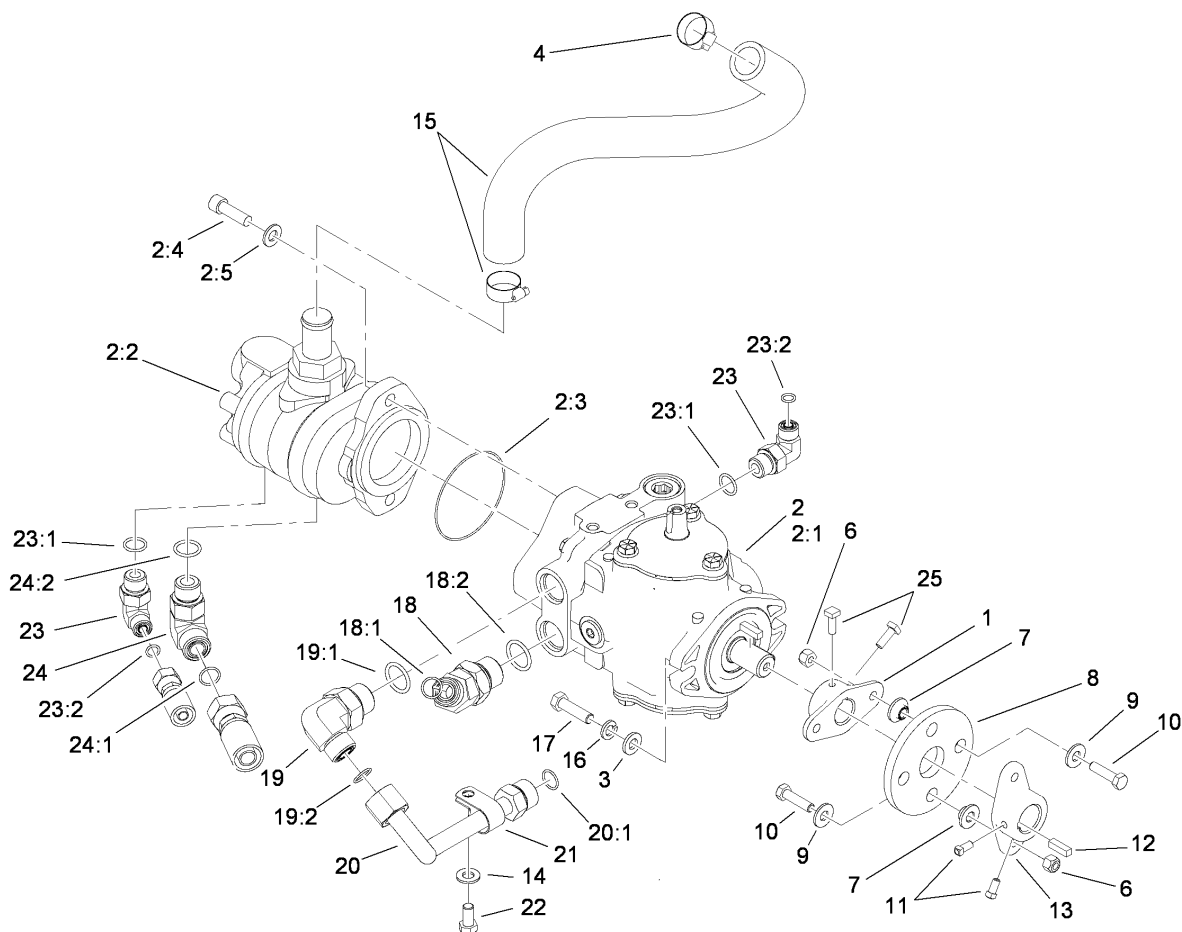
Ref.	Part Number	Qty.	Description
20	33114-030	1	Screw-HH
21	3296-29	1	Nut-Lock, NI
22	2411-41	1	Rod End-Ball Joint
23	3296-56	1	Nut-Lock, NI
24	321-7	1	Screw-HH
25	33093-00	2	Washer-Flat
26	99-4251	1	Hose-Dampener
27	93-9051	1	Decal-Bolt, Eccentric
28	3256-22	2	Washer-Flat
29	94-3486	1	Plate
30	63-9750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



Engine Installation Assembly

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

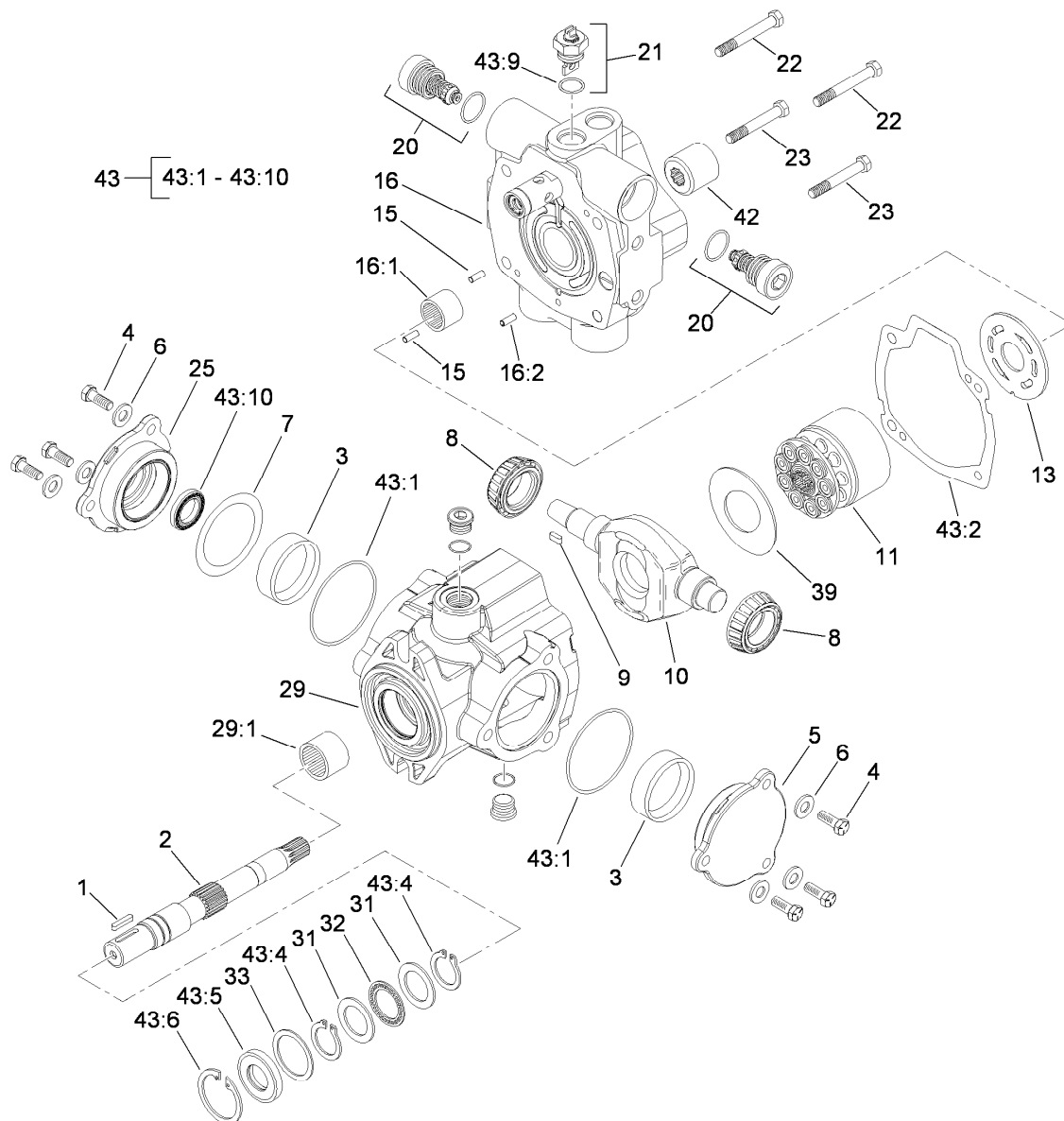
Ref.	Part Number	Qty.	Description
18	323-5	4	Screw-HH
19	83-1060-03	1	Adapter-Pump
20	3274-7	2	Screw-HSH
21	85-8120-03	1	Plate-Mount, Engine
22	3253-6	4	Washer-Lock
23	324-7	2	Screw-HH
24	107-2560	3	Mount-Engine
25	322-3	6	Screw-HH
27	3290-379	4	Tie-Cable
28	32152-2	4	Nut-Lock, Cone
30	43-2830	1	Nut-Hex
31	3253-3	2	Washer-Lock
32	32144-10	2	Screw-HWH
33	105-8276	1	Harness-Wire, Engine
33:1	106-4642	1	Harness-Wire, Fusible Link
36	3255-7	1	Washer-Lock/EXT
37	3255-8	1	Washer-Lock



Hydrostat and Gear Pump Drive Assembly

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

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

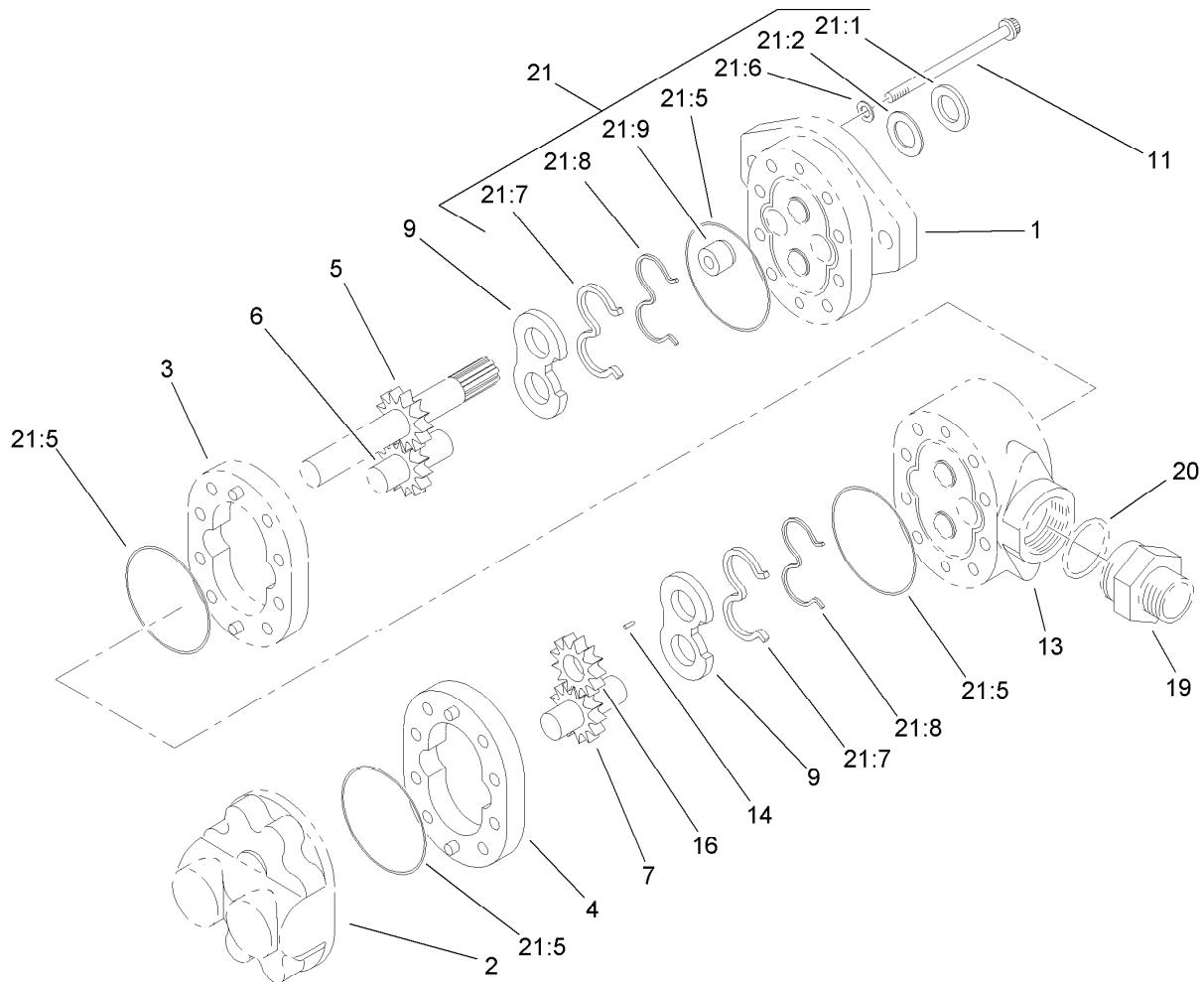


Hydrostat Assembly No. 105-0494

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

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

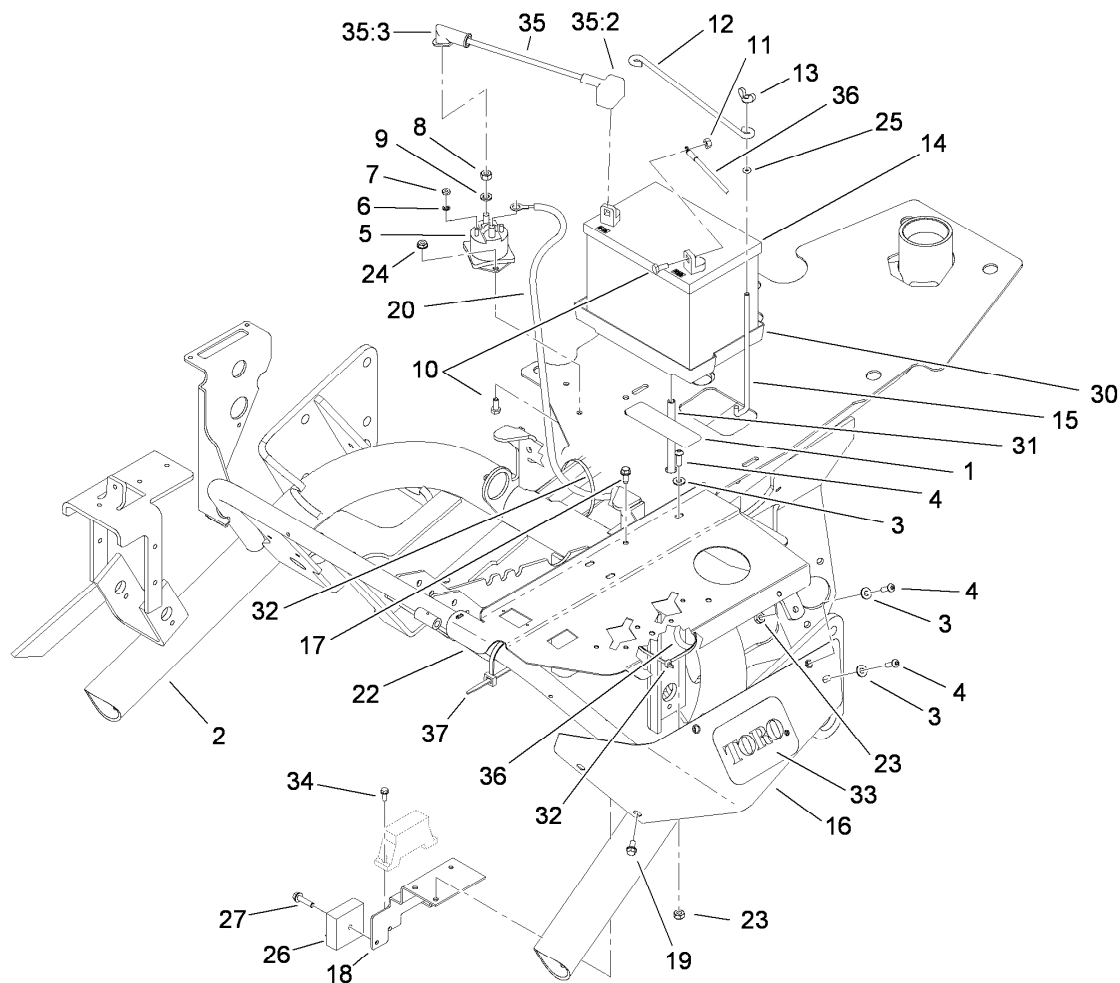
● Not serviced separately



Gear Pump Assembly No. 104-7737

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

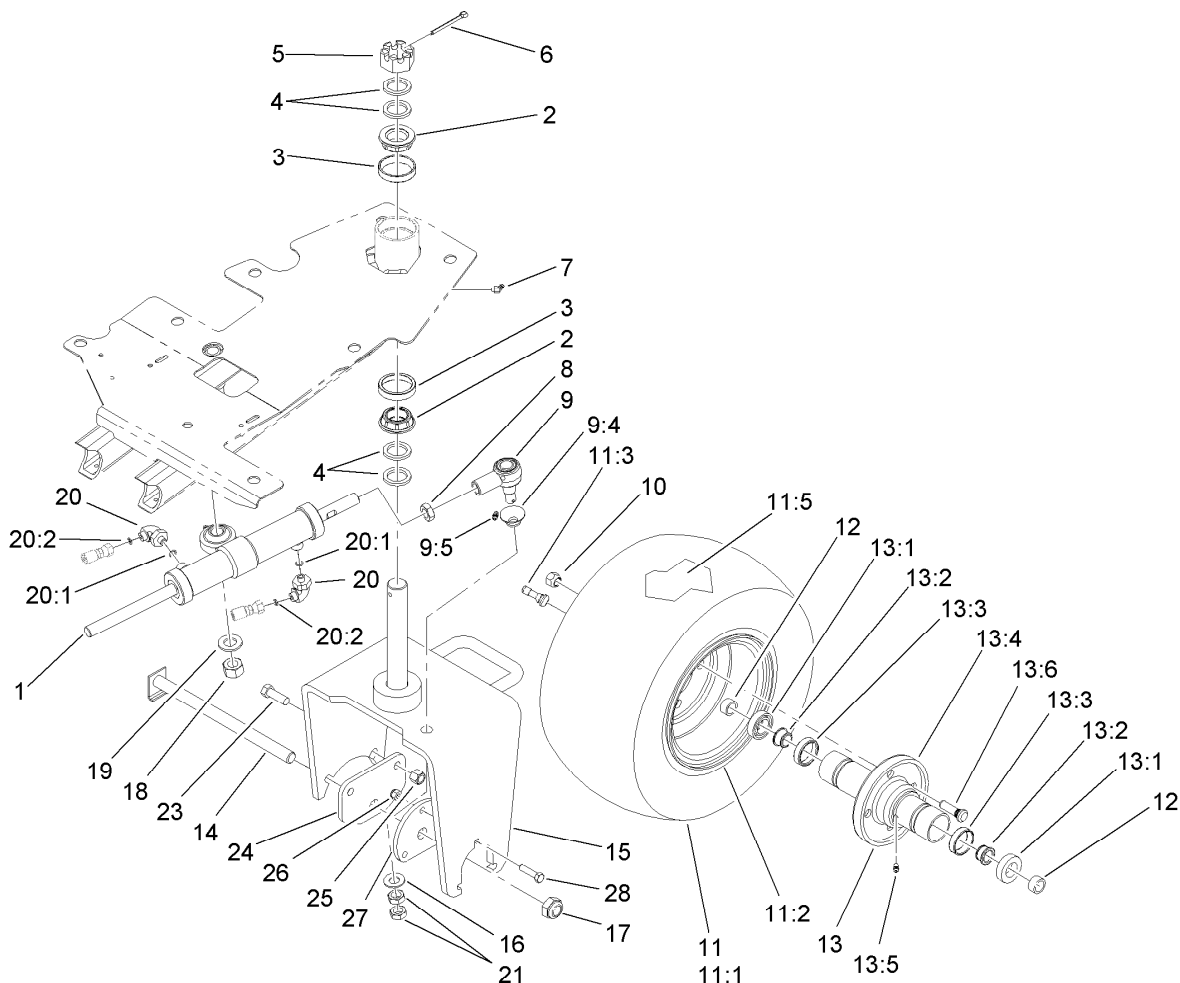
● Not serviced separately



Frame and Battery Assembly

Ref.	Part Number	Qty.	Description
1	114-8756	1	Decal-Emissions
2	112-0217-01	1	Frame ASM
3	3256-22	4	Washer-Flat
4	3274-69	4	Screw-HSBH
5	28-4210	1	Solenoid
6	3254-1	2	Washer-Lock, Int
7	3219-14	2	Nut-Hex
8	3218-13	2	Nut-Jam, Brass
9	3253-4	2	Washer-Lock
10	321-3	4	Screw-HH
11	3217-5	2	Nut-Hex
12	100-6434	1	Rod-Hold Down, Battery
13	32103-22	2	Nut-Wing
14	104-8162	1	Battery
15	100-6435	2	Post-Battery
16	105-5411	1	Valve Cover Shield ASM
17	32144-10	1	Screw-HWH
18	105-4310-01	1	Bracket-Fuse

Ref.	Part Number	Qty.	Description
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-Keps
25	237-143	2	O-Ring
26	92-2538	1	Module-Timer
27	32144-86	1	Screw-HWHTF
30	106948	1	Tray-Battery
31	104-2061	1	Tube-Drain, Battery
32	3290-379	2	Tie-Cable
33	94-2579	1	Decal
34	32144-1	2	Screw-Taptite
35	83-2420	1	Positive Cable ASM
35:2	28-8080	1	Boot-Terminal
35:3	83-2430	1	Boot-Terminal
36	112-0276	1	Wire-Ground, Engine
37	3290-378	1	Tie-Cable

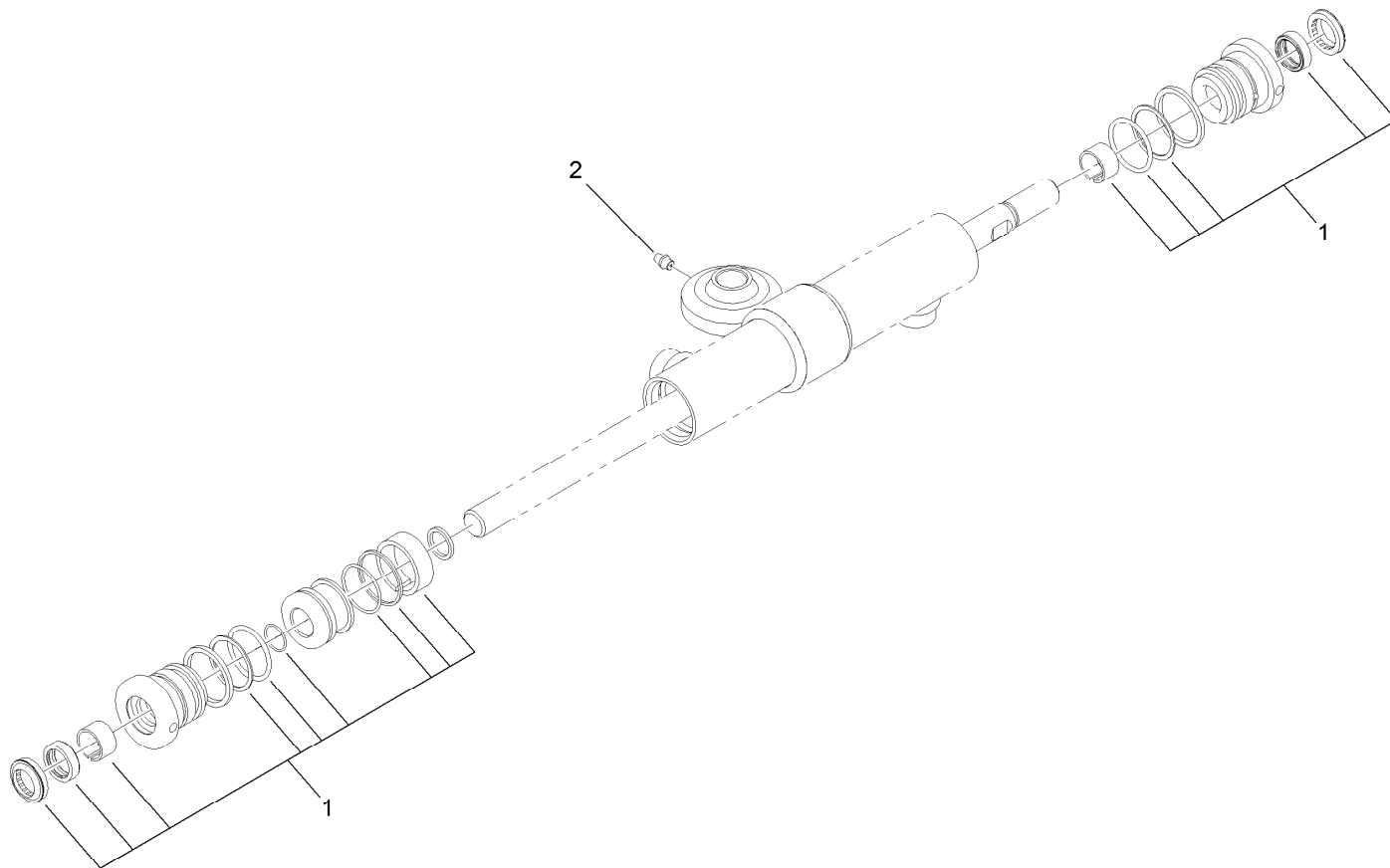


Rear Wheel Assembly

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

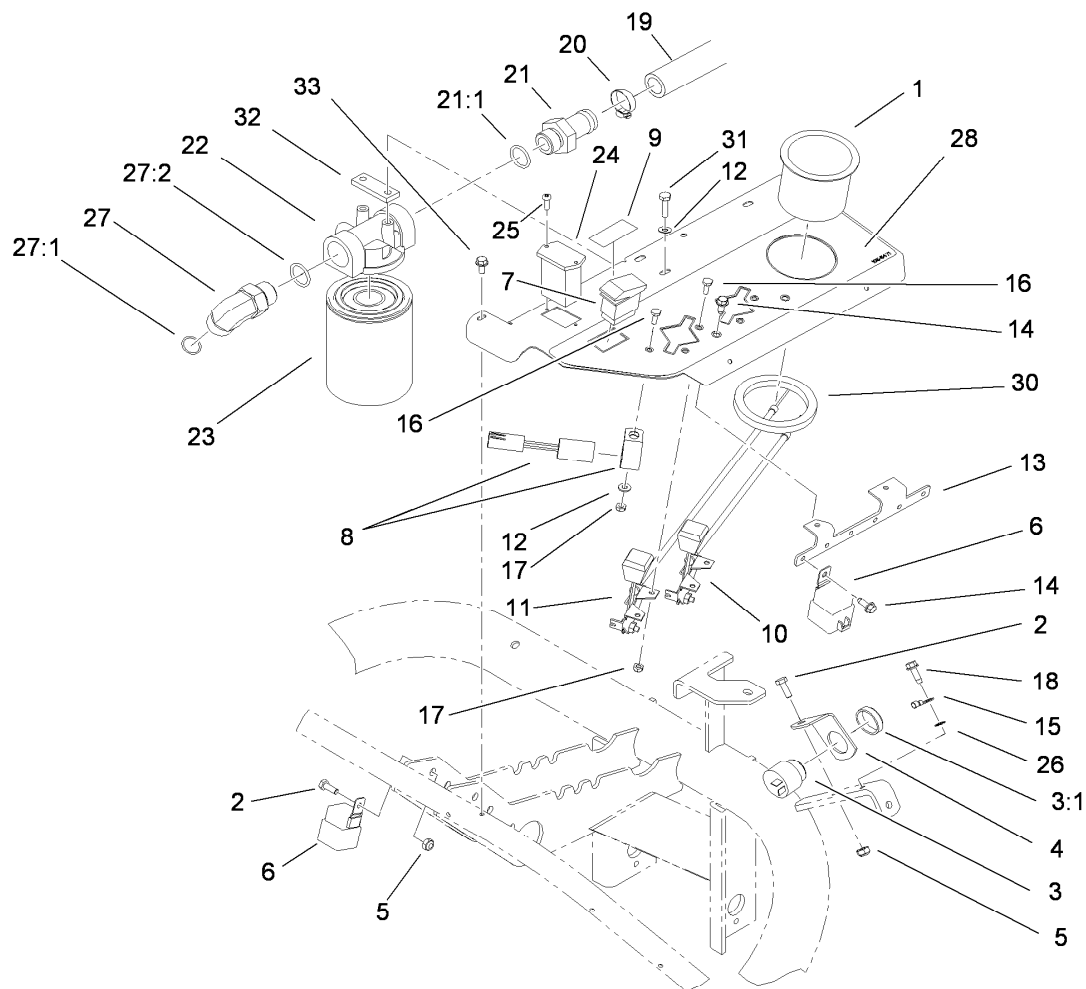
Ref.	Part Number	Qty.	Description
13:3	254-79	2	Bearing-Roller, Cup
13:4	75-9440	1	Hub ASM
13:5	302-11	1	Fitting-Lube, 45 DEG
13:6	10-6830	4	Stud-Type, Drive
14	5-3934	1	Bolt-Caster
15	112-0285-01	1	Fork-Caster
16	3256-27	1	Washer-Flat
17	3296-67	1	Nut-Lock, NI
18	3217-12	1	Nut-Hex
19	3256-28	1	Washer-Flat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

● Not serviced separately



Hydraulic Cylinder Assembly No. 112-0297

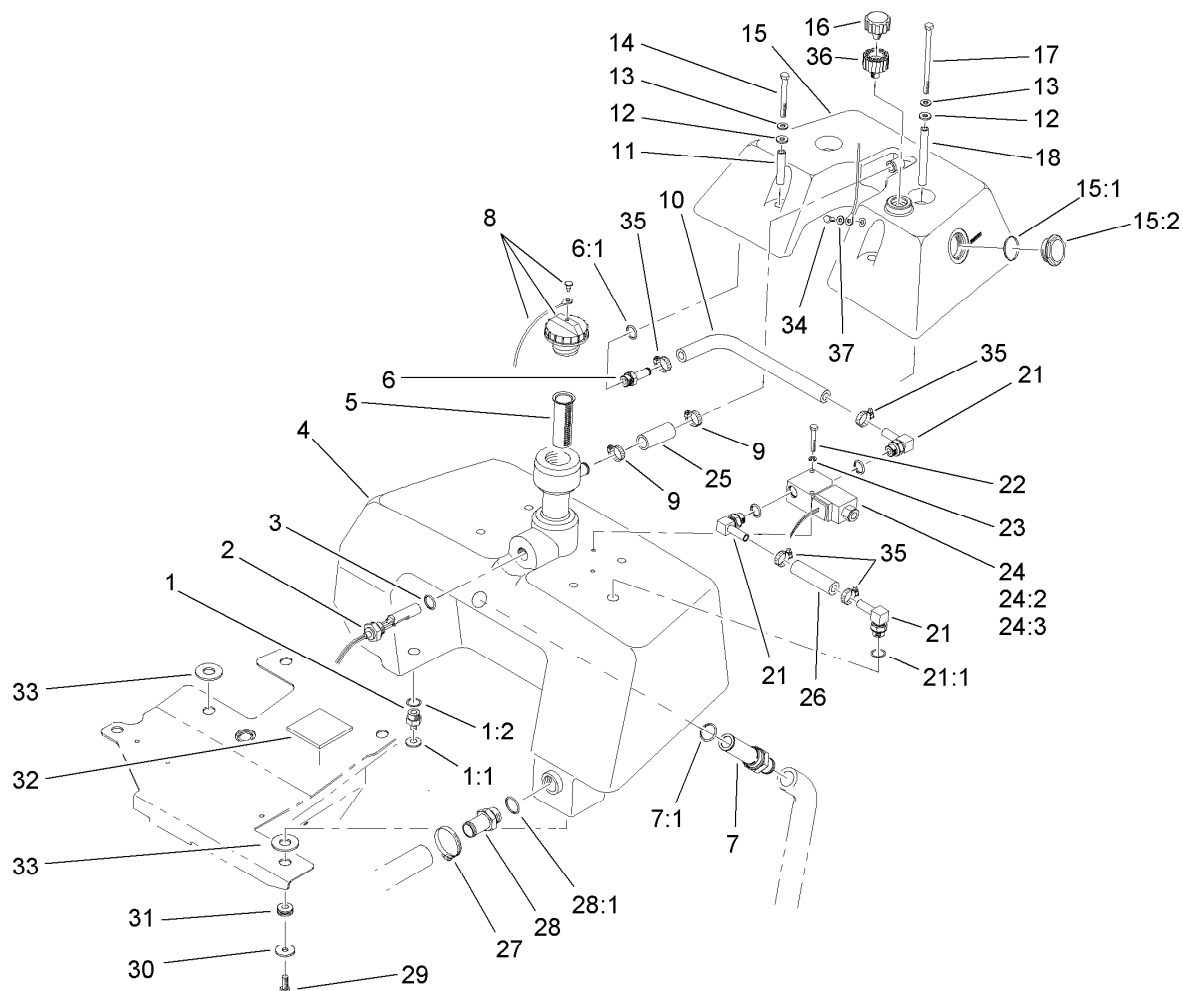
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-9170	1	Kit-Seal
2	302-5	1	Fitting-Grease



Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	94-1410	1	Holder-Can, Beverage
2	321-4	2	Screw-HH
3	80-9330	1	Alarm-Audio
3:1	104-5107	1	Nut-Plastic, Knurled
4	83-1530	1	Bracket-Support, Buzzer
5	3296-16	2	Nut-Lock, NI
6	99-7430	7	Relay
7	105-4320	1	Switch
8	83-2280	1	Timer-Delay
9	98-4387	1	Decal-Protection, Ear
10	83-0040	1	Control-Choke
11	83-0030	1	Control-Throttle
12	3256-22	3	Washer-Flat
13	105-4306-03	1	Bracket-Relay
14	32144-10	8	Screw-HWH
15	83-1150	1	Engine Ground Wire ASM
16	3290-134	5	Screw
17	3296-12	5	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
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
23	107-9531	1	Filter-Oil, HYD
24	75-6820	1	Hourmeter
25	32144-18	2	Screw-HH
26	3255-7	1	Washer-Lock/EXT
27	340-142	1	Fitting-HYD, 90 DEG
27:1	237-58	1	O-Ring
27:2	237-81	1	O-Ring
28	105-5471	1	Decal-Panel, Left Control
30	104-1476	1	Ring-Rubber
31	321-5	2	Screw-HH
32	105-4309	1	Plate-Filter
33	32104-116	1	Screw

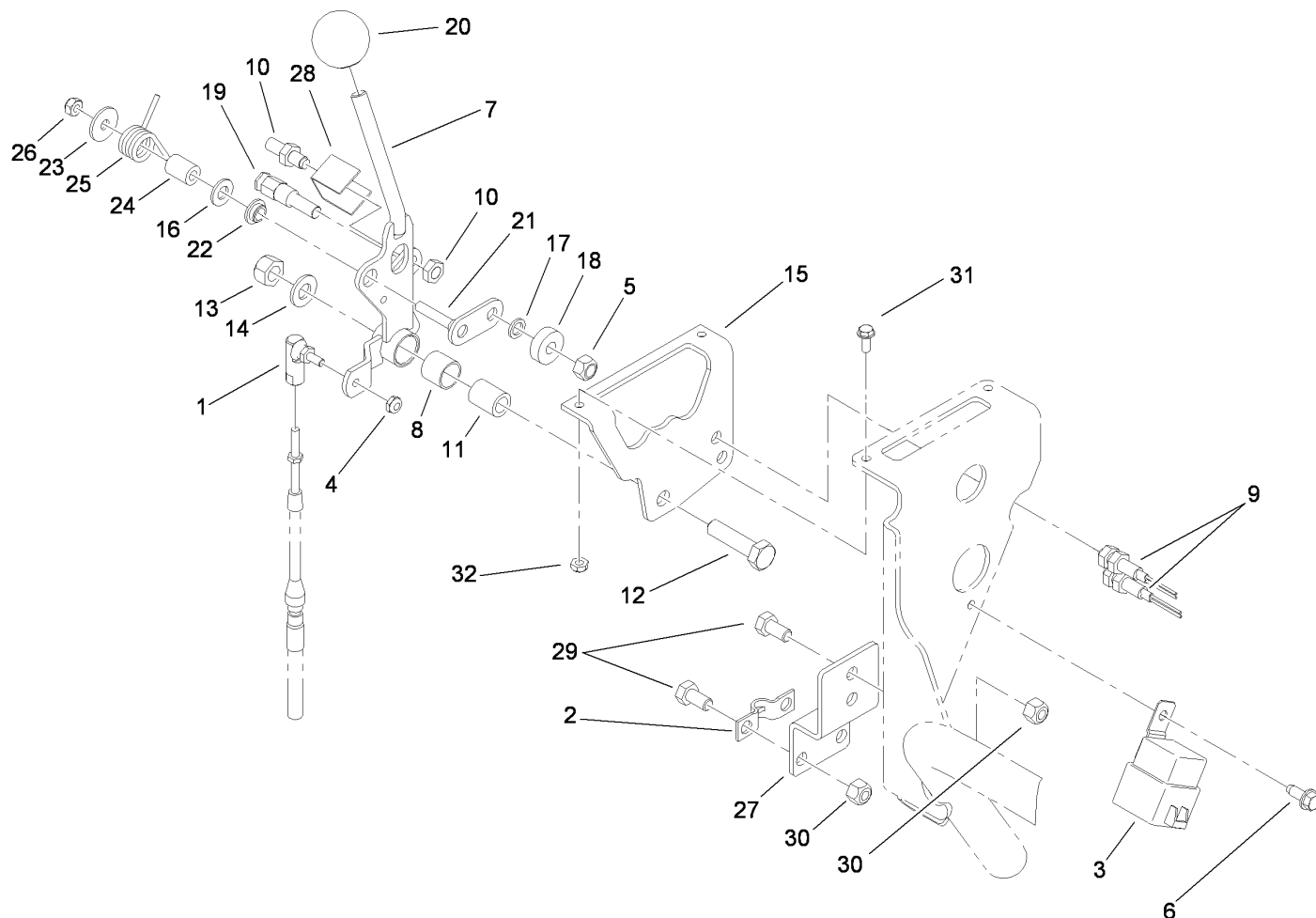


Hydraulic Reservoir and Leak Detector Assembly

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

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

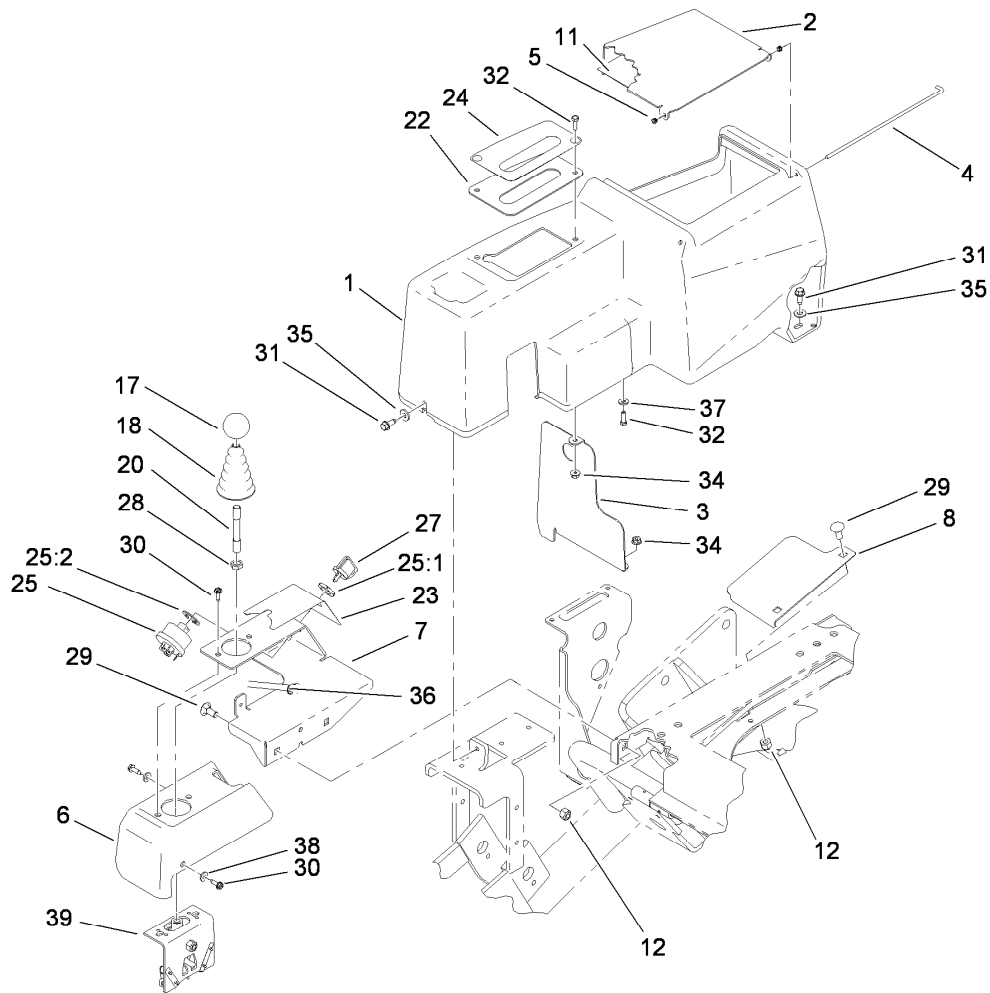
17



Speed Selector Lever Assembly

Ref.	Part Number	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
3	99-7430	1	Relay
4	3296-27	1	Nut-Lock, NI
5	33024-00	1	Nut-Lock
6	32144-10	1	Screw-HWH
7	94-9611	1	Handle
8	256-311	1	Bushing-Split
9	112-0278	2	Switch-Reed
10	93-2056	1	Actuator-Switch, Reed
11	94-1378	1	Tube-Pivot, Handle
12	33115-040	1	Screw-HH
13	33025-00	1	Nut-Lock
14	3256-24	1	Washer-Flat
15	94-6398	1	Bracket-Traction
16	3256-23	1	Washer-Flat

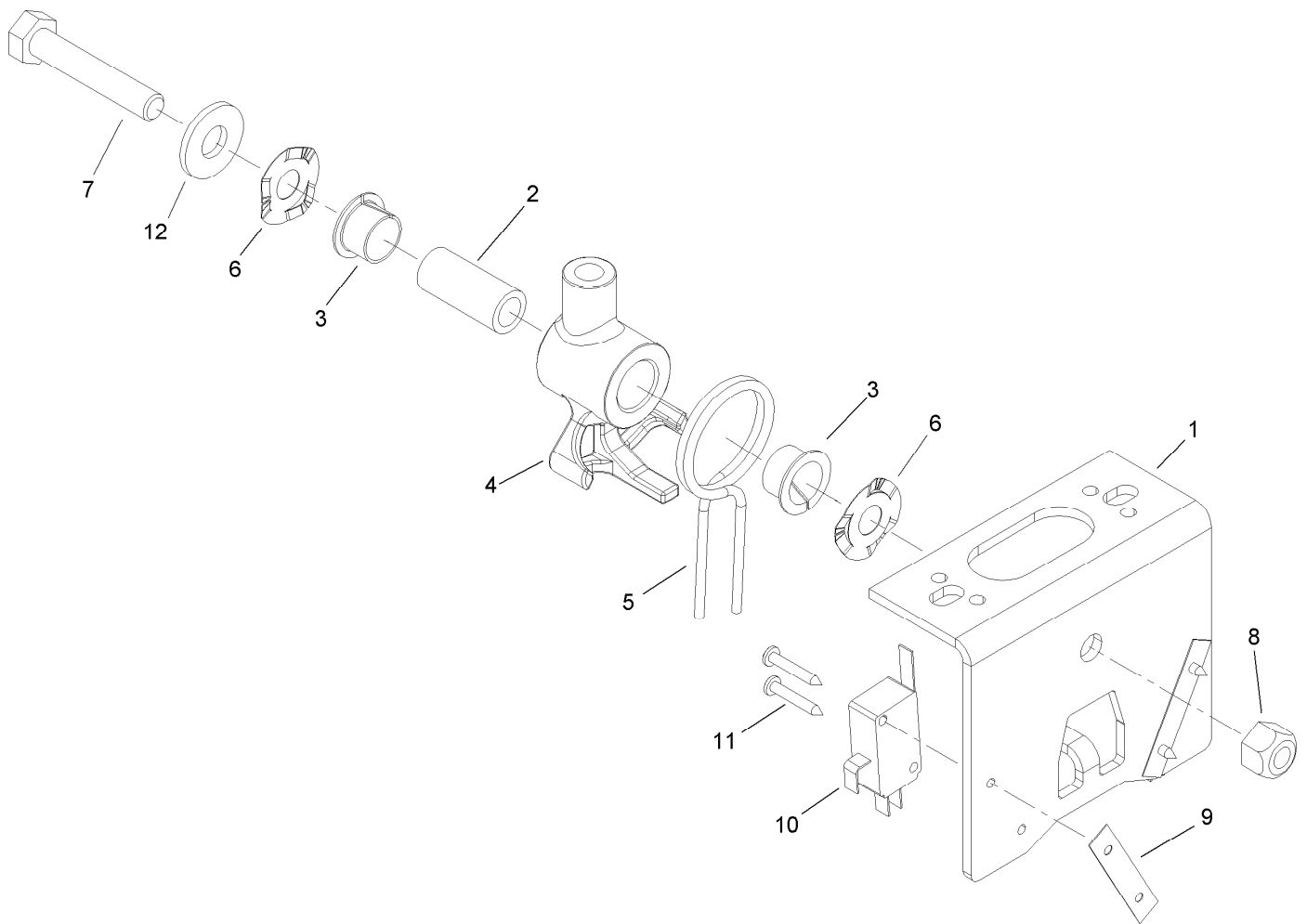
Ref.	Part Number	Qty.	Description
17	75-5470	1	Spacer-Bearing
18	251-259	1	Bearing-Ball
19	94-9617	1	Pin-Spring
20	233-42	1	Knob
21	94-9614	1	Pivot-Roller
22	94-9619	1	Bushing
23	3256-67	1	Washer-Flat
24	94-9618	1	Spacer-Spring
25	94-9620	1	Spring-Torsion
26	33023-00	1	Nut-Lock
27	105-5417-03	1	Bracket-Cable,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



Joystick and Console Assembly

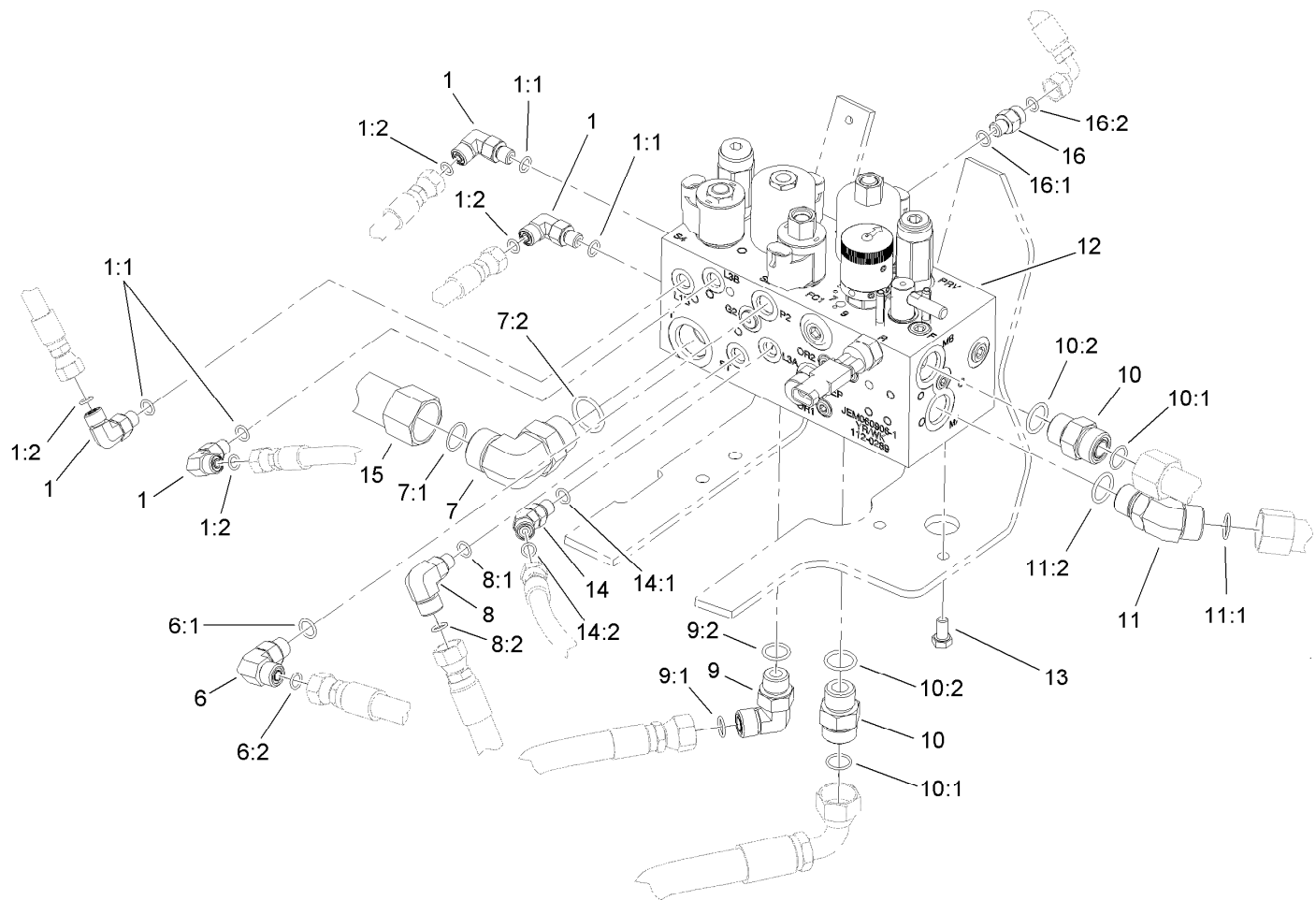
Ref.	Part Number	Qty.	Description
1	105-8250	1	Console
2	105-8254-03	1	Lid-Console
3	105-8255-03	1	Baffle-Console
4	105-8256	1	Rod-Hinge
5	105-8283	2	Bushing
6	105-8251	1	Pod
7	105-8252-03	1	Bracket-Pod
8	105-8284-03	1	Shield-Valve
11	114-4615	1	Decal-Speed, Clip
12	3296-29	4	Nut-Lock, NI
17	233-42	1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

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



Joystick Bracket Assembly No. 106-4167

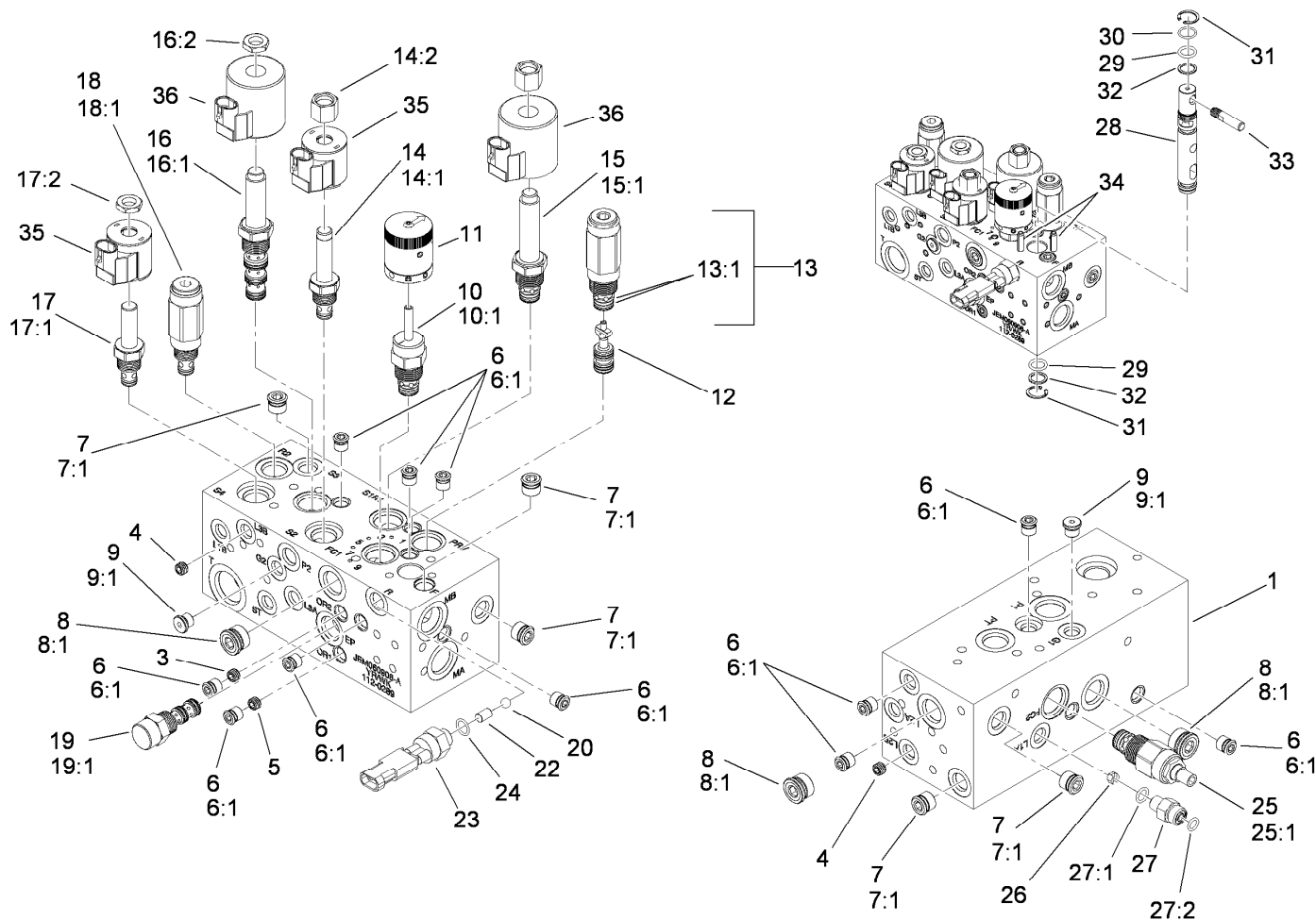
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-4168-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	105-7507	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	108-6496	2	Switch ASM (W/Boot)
11	95-3003	4	Screw-PPH,Thd Form
12	3256-3	1	Washer-Flat



Hydraulic Manifold Assembly

Ref.	Part Number	Qty.	Description
1	340-132	4	Fitting-HYD, 90 DEG
1:1	237-78	1	O-Ring
1:2	237-21	1	O-Ring
6	340-77	1	Fitting-HYD, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-142	1	Fitting-HYD, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	340-97	1	Fitting-HYD, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-78	1	O-Ring
9	340-98	1	Fitting-HYD, 90 DEG
9:1	237-79	1	O-Ring
9:2	237-30	1	O-Ring

Ref.	Part Number	Qty.	Description
10	340-7	2	Adapter
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	340-14	1	Fitting-HYD, 45 DEG
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	112-0289	1	Manifold W/Backlap
13	33114-016	2	Screw-HH
14	340-103	1	Fitting-HYD, 45 DEG
14:1	237-78	1	O-Ring
14:2	237-21	1	O-Ring
15	105-5460	1	Tube-HYD
16	340-92	1	Fitting-HYD, Straight
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring

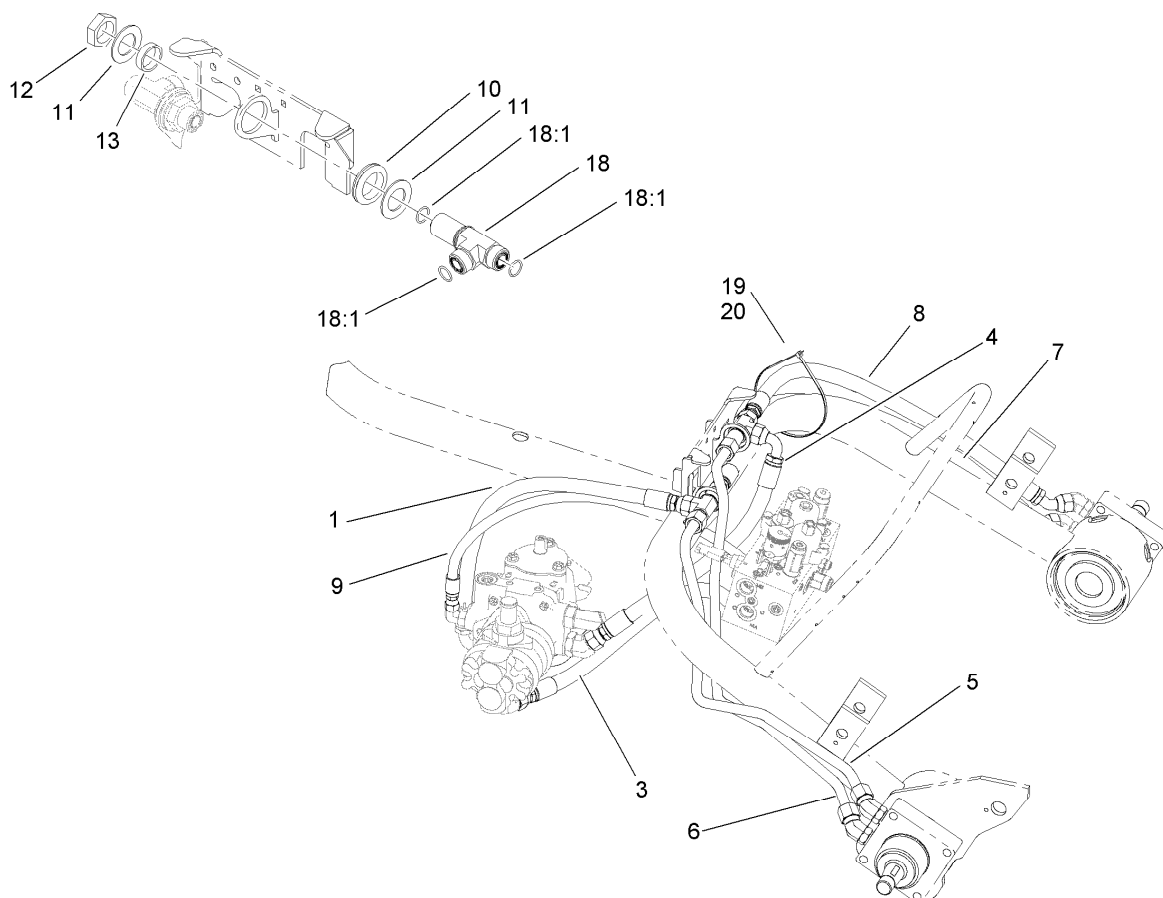


Hydraulic Manifold Assembly No. 112-0289

Ref.	Part Number	Qty.	Description
1		1	Body-Manifold ●
3	112-9202	1	Orifice-Flow, Control
4	110-8887	2	Plug-Orifice
5	112-9203	1	Orifice-Control, Flow
6	106-1025	12	Plug-HYD
6:1	237-78	1	O-Ring
7	106-1026	5	Plug-HYD
7:1	237-42	1	O-Ring
8	106-1027	3	Plug-HYD
8:1	237-79	1	O-Ring
9	353-990	2	Plug
9:1	237-78	1	O-Ring
10	110-8769	1	Valve-Control, Manual Flow
10:1	110-2633	1	Seal Kit
11	110-8767	1	Rotary Handle ASM
12	112-9204	1	Pilot-Piston
13	112-9205	1	Valve-Relief
13:1	105-9159	1	Seal Kit
14	107-7517	1	Valve-Solenoid
14:1	105-9156	1	Seal Kit
14:2	107-7812	1	Nut-Solenoid
15	110-8768	1	Valve-Relief, Solenoid
15:1	110-6316	1	Seal Kit
16	110-8906	1	Valve-Solenoid
16:1	110-8908	1	Seal Kit
16:2	110-2634	1	Nut-Coil

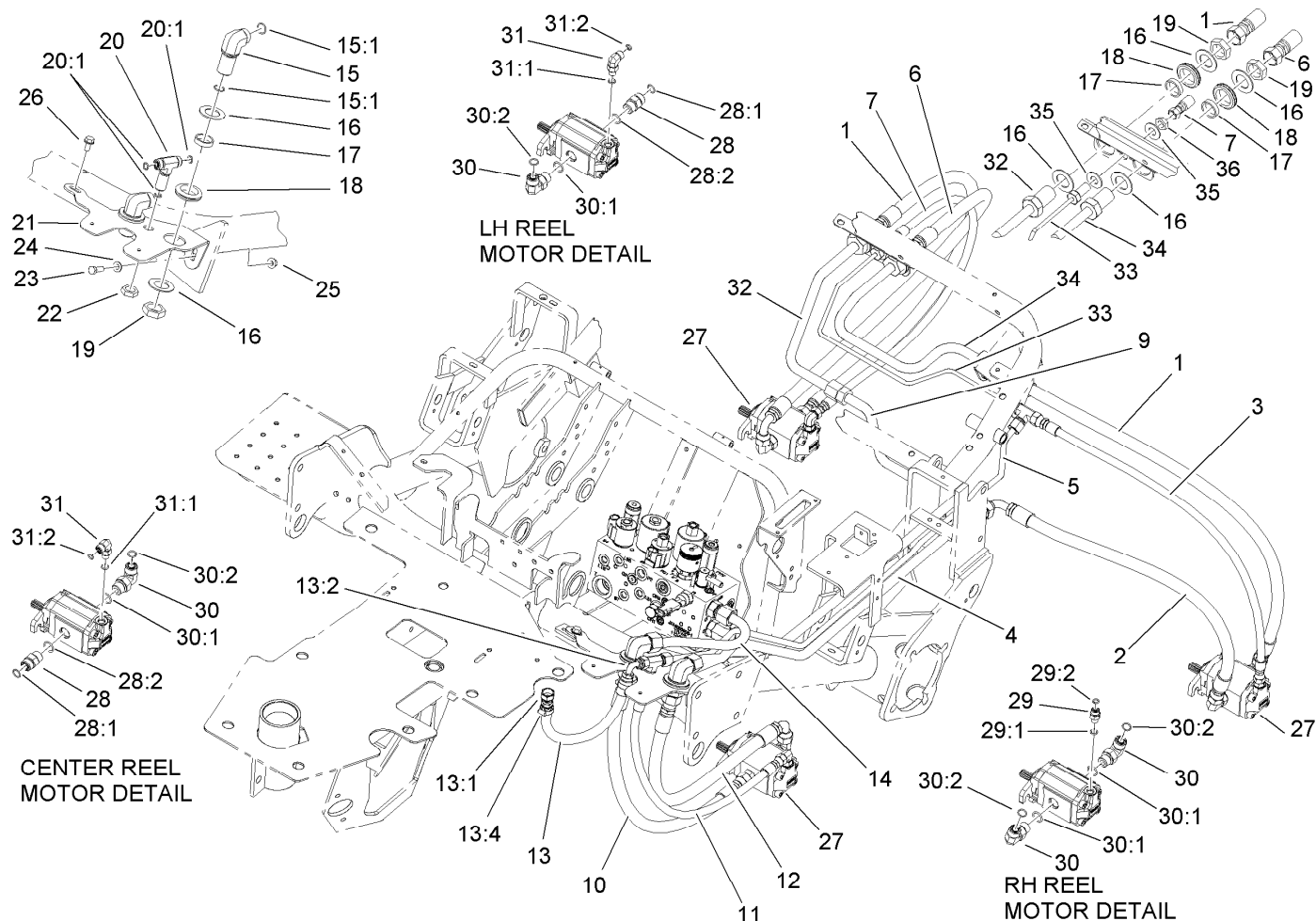
Ref.	Part Number	Qty.	Description
17	112-9206	1	Valve-Solenoid
17:1	105-9156	1	Seal Kit
17:2	110-2634	1	Nut-Coil
18	112-9207	1	Valve-Relief
18:1	105-9156	1	Seal Kit
19	110-8988	1	Element-Logic
19:1	110-8773	1	Seal Kit
20	110-8762	1	Ball-Chrome
22	112-6533	1	Pin-Dowel
23	72-4320	1	Switch-Ball
24	110-8757	1	O-Ring
25	112-9208	1	Valve-Control, Flow
25:1	110-2633	1	Seal Kit
26	114-4682	1	Orifice-Flow Control
27	340-92	1	Fitting-HYD, Straight
27:1	237-78	1	O-Ring
27:2	237-21	1	O-Ring
28	112-6536	1	Spool
29	112-6535	2	O-Ring
30	110-8900	1	O-Ring
31	112-6532	2	Ring-Retaining
32	112-6534	2	Ring-Back Up
33	110-8758	1	Handle-Spool
34	112-6531	2	Pin-Spring
35	105-9333	2	Coil-12Vdc
36	110-2630	2	Coil-12Vdc

● Not serviced separately



Hydraulic Traction Assembly

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

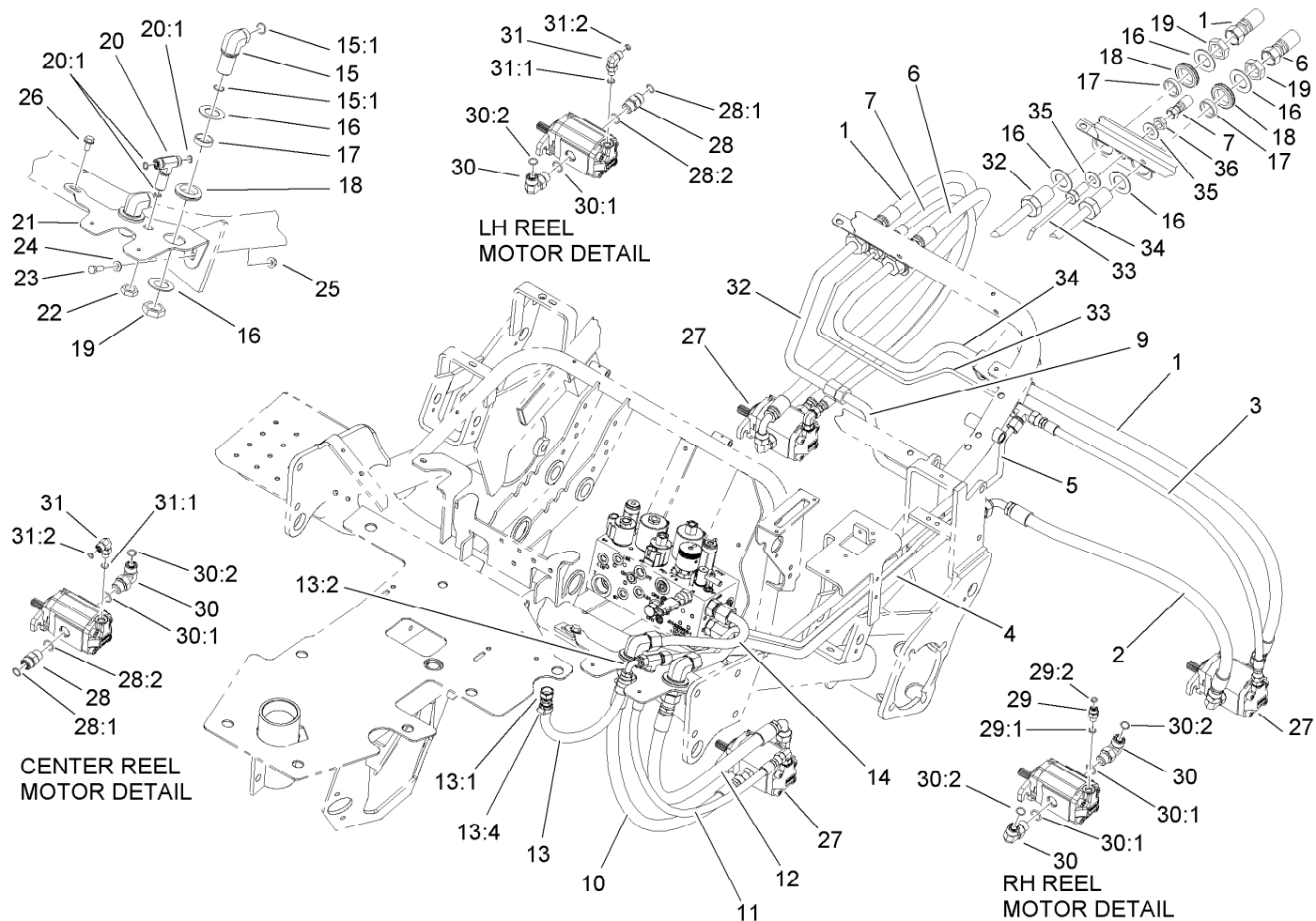


Hydraulic Reel Drive Assembly

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

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

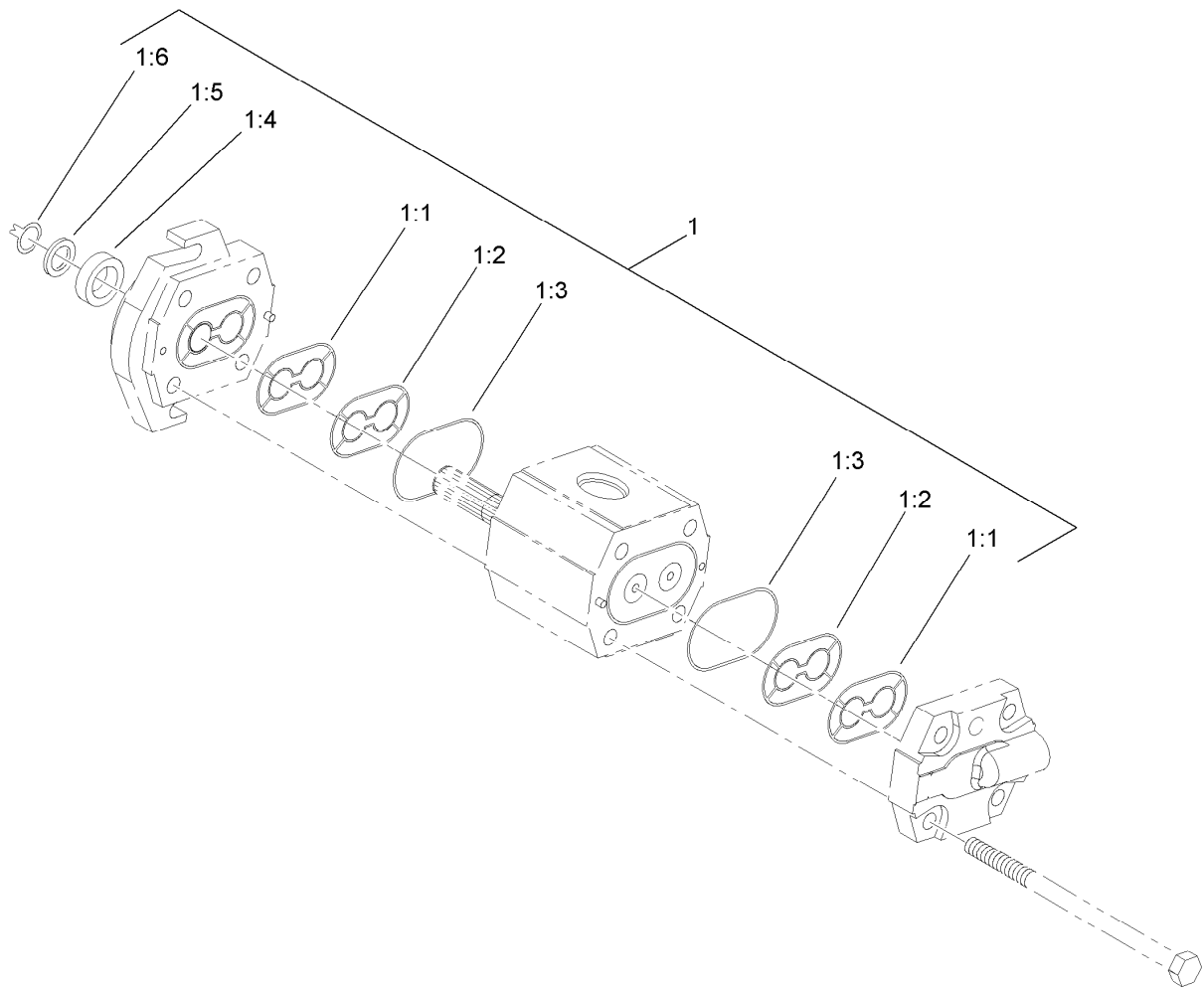
● Not illustrated



Hydraulic Reel Drive Assembly (continued)

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

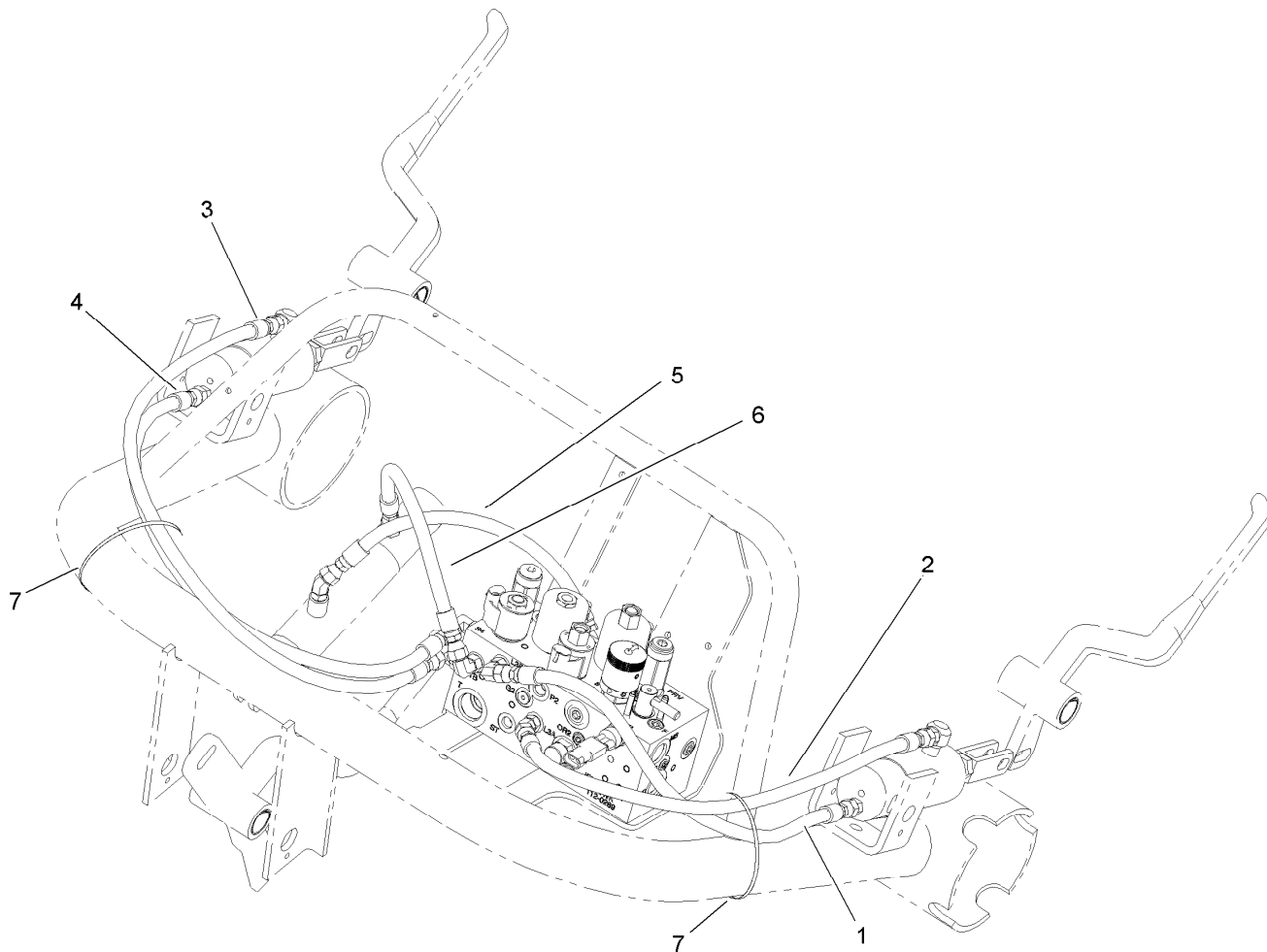
● Not illustrated



Hydraulic Motor Assembly No. 112-9200

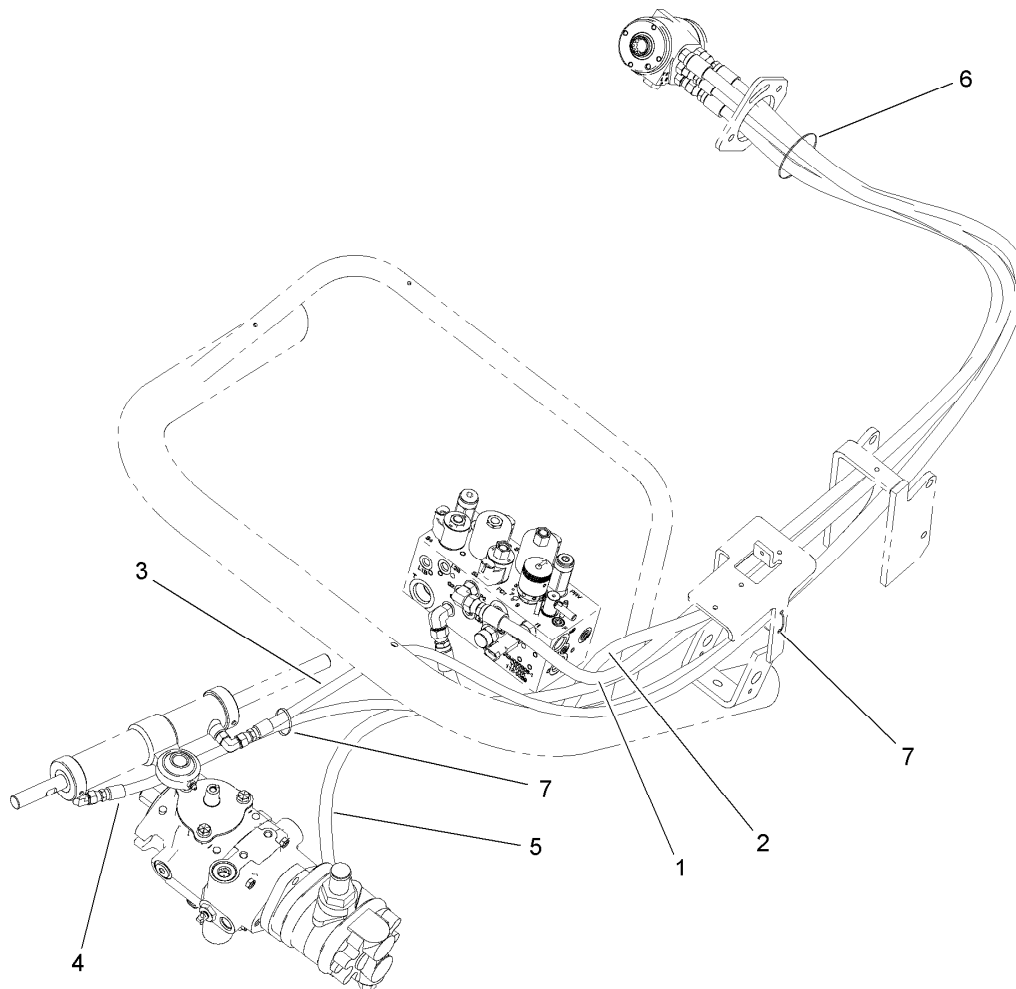
Ref.	Part Number	Qty.	Description
1	112-9184	1	Seal Kit
1:1		2	Seal-Extrusion, Anti ●
1:2		2	Seal-Pressure ●
1:3		2	O-Ring ●
1:4		1	Seal-Shaft ●
1:5		1	Washer-Backup ●
1:6		1	Ring-Snap ●

● Not serviced separately



Hydraulic Lift Assembly

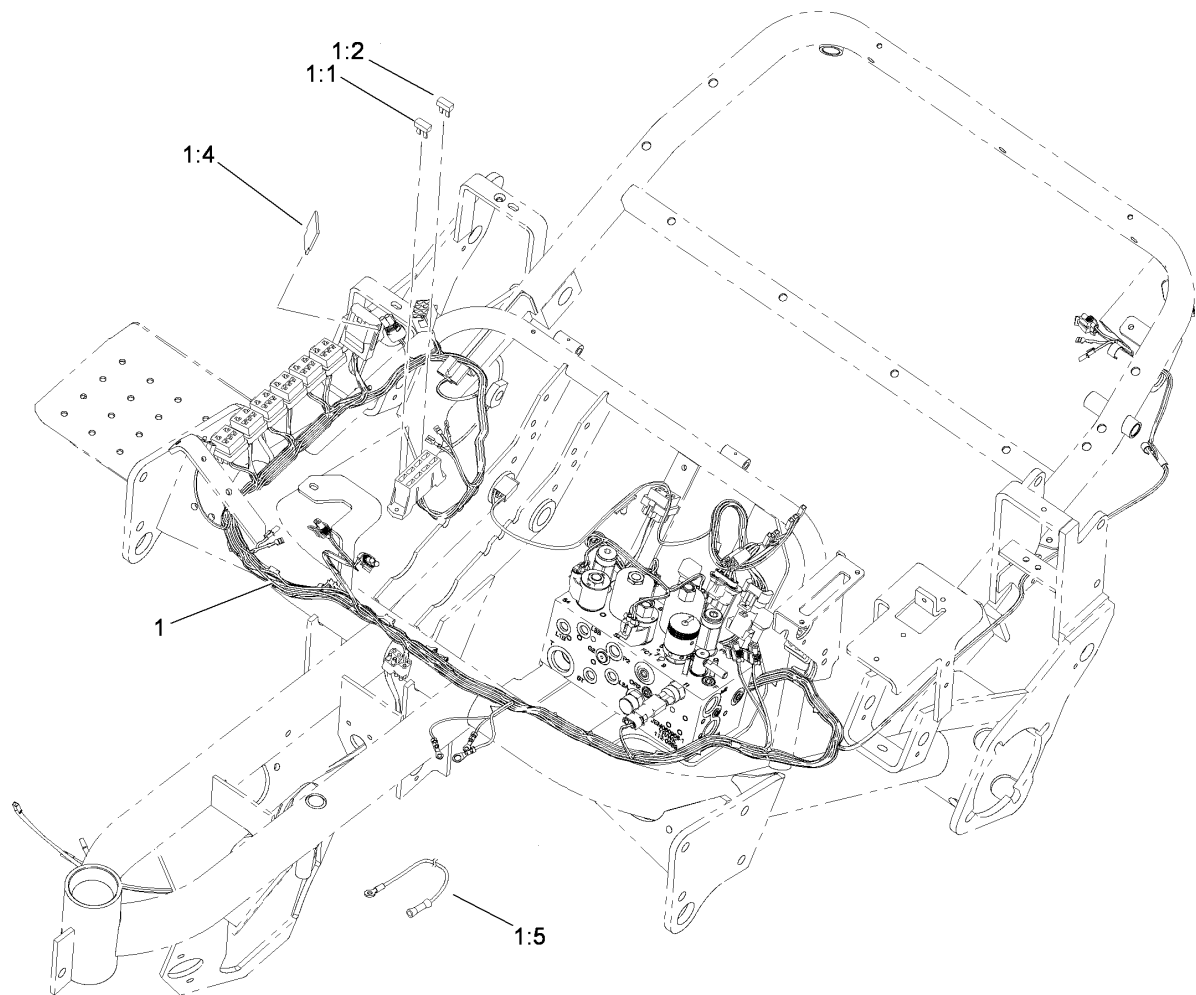
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-6505	1	Hose ASM
2	108-6506	1	Hose ASM
3	108-6507	1	Hose ASM
4	108-6508	1	HYD Hose ASM
5	112-9185	1	Hose-HYD
6	108-6510	1	Hose ASM
7	3290-379	2	Tie-Cable



Hydraulic Steering Assembly

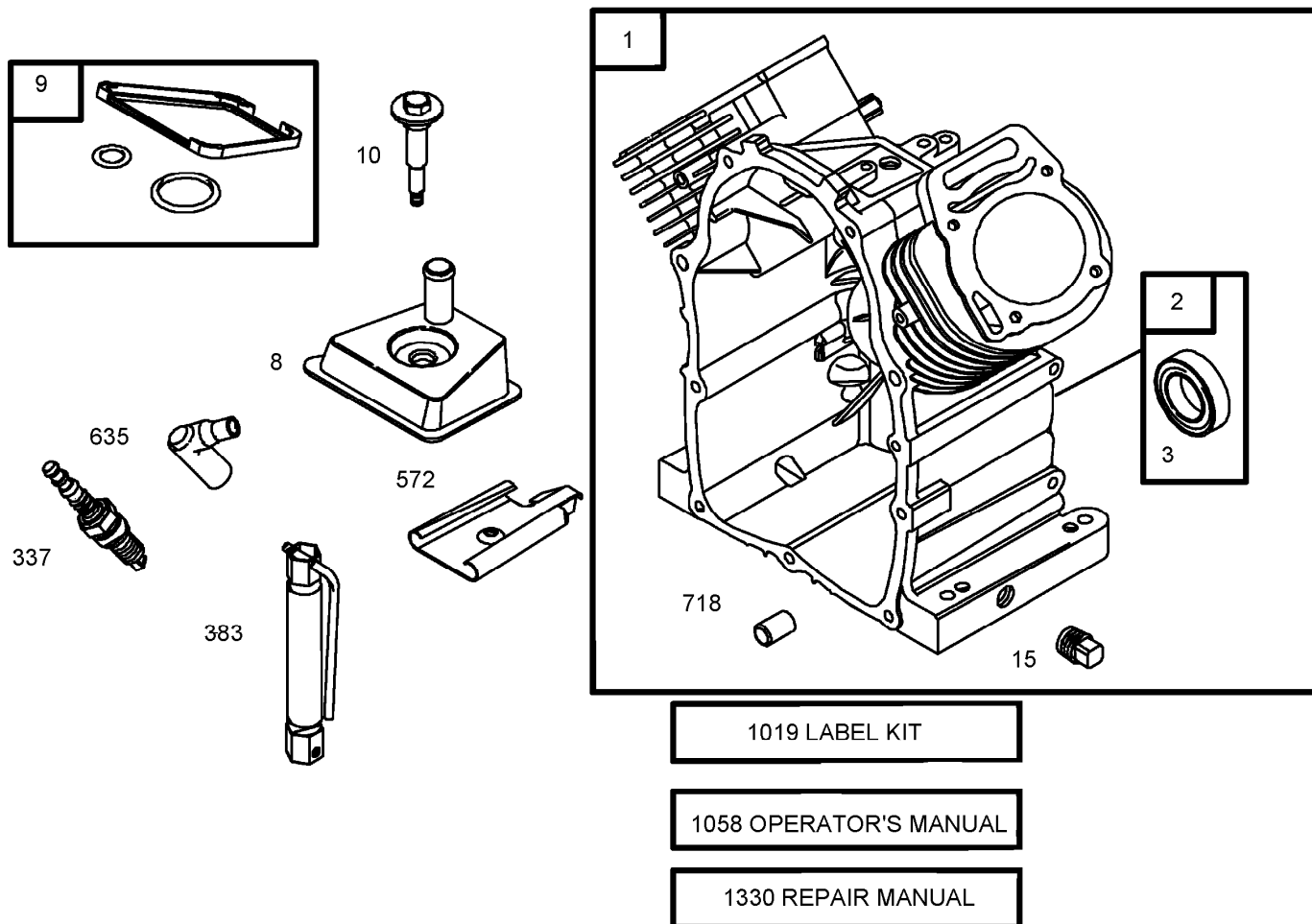
Ref.	Part Number	Qty.	Description
1	105-4339	1	HYD Hose ASM
2	112-0273	1	HYD Hose ASM
2:3	237-42	1	O-Ring ●
3	105-4337	1	HYD Hose ASM
4	100-4892	1	Hose ASM
5	105-4340	1	HYD Hose ASM
6	3334-945	1	Tie-Cable
7	3290-378	3	Tie-Cable

● Not illustrated



Wire Harness Routing Assembly

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

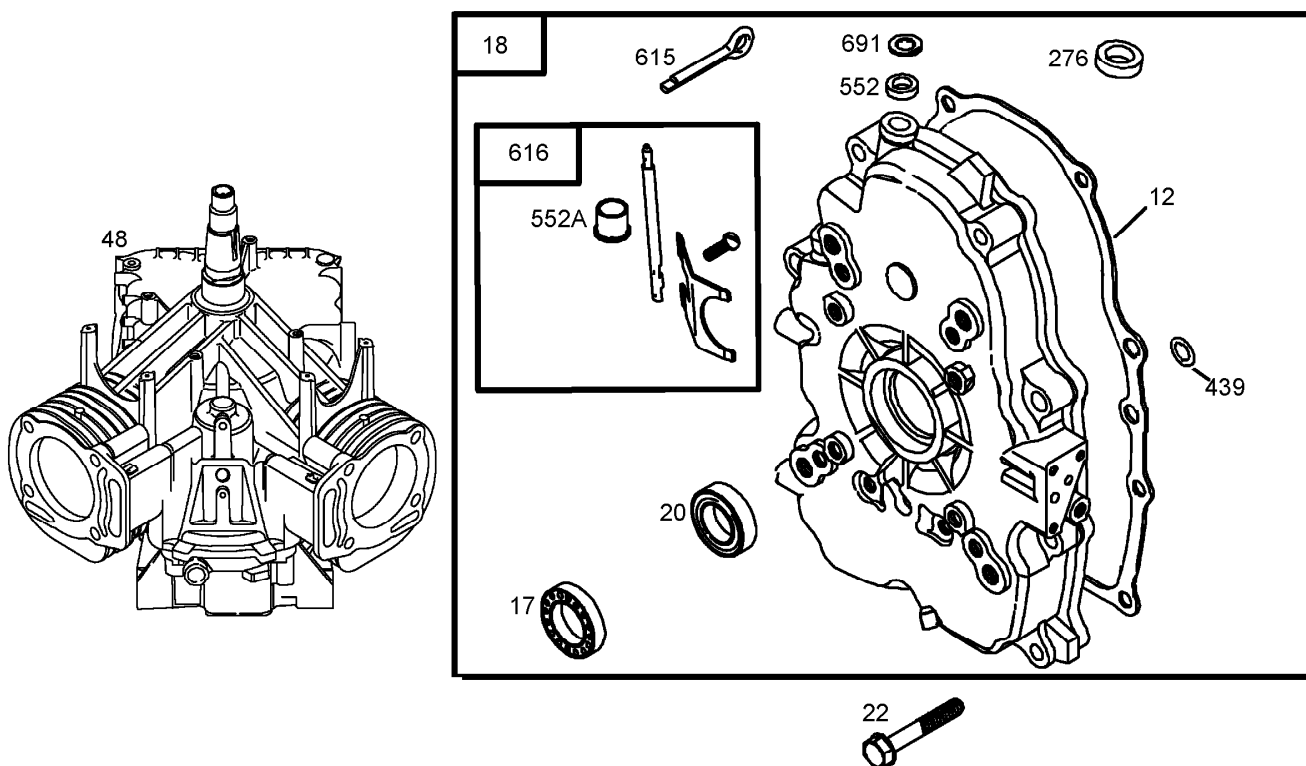


Cylinder Assembly Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

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

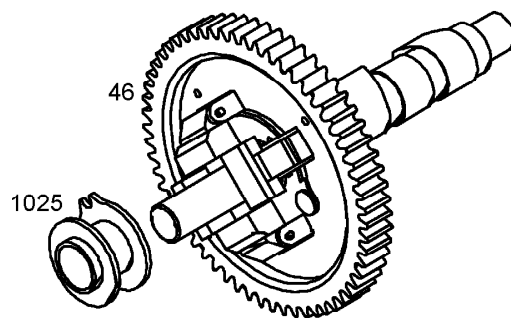
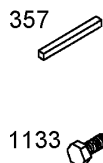
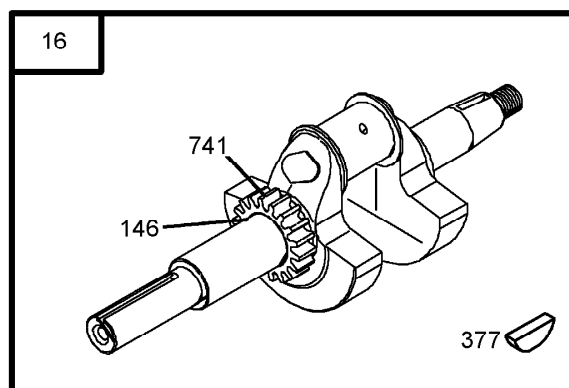
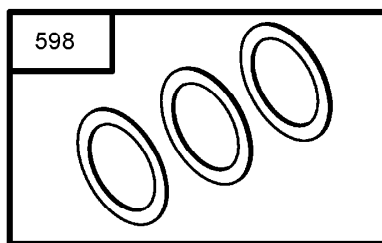
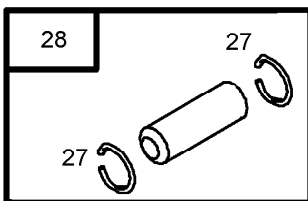
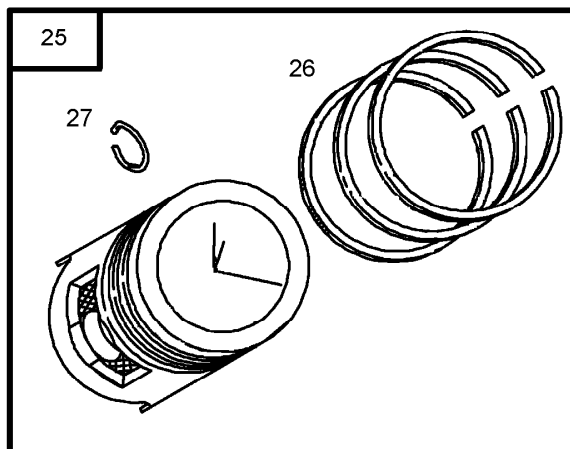
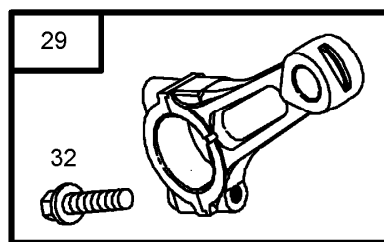


Crankcase Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
12	691684	1	Gasket-Crankcase ●■
17	690752	1	Bearing-Ball ●
18	808847	1	Cover-Crankcase ●
20	805049	1	Seal-Oil ●■
22	807362	1	Screw (Crankcase Cover) ●
48		1	Short Block (Not Available At Time Of Print) ●
276	690724	1	Washer-Sealing ●
439	692154	1	Seal-O Ring ●■
552	690701	1	Bushing-Crank, Governor ●
552A	806686	1	Bushing-Crank, Governor ●
615	691550	1	Retainer-Shaft, Governor ●
616	806685	1	Crank-Governor ●
691	690680	1	Seal-Shaft, Governor ●■

● Obtain parts from www.briggsandstratton.com

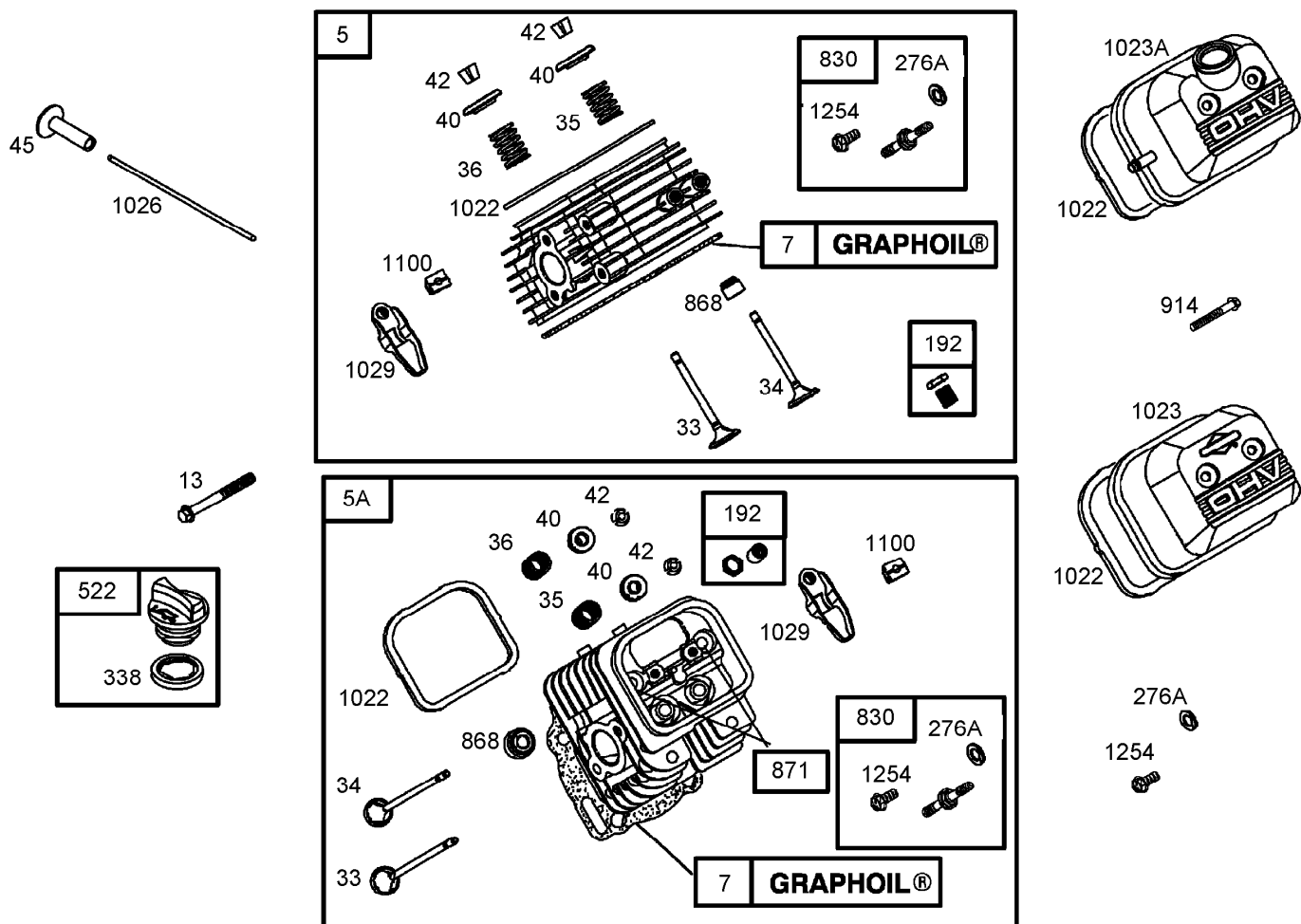
■ Included in Engine Gasket Set (Ref. No. 358)



Crankshaft Assembly Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

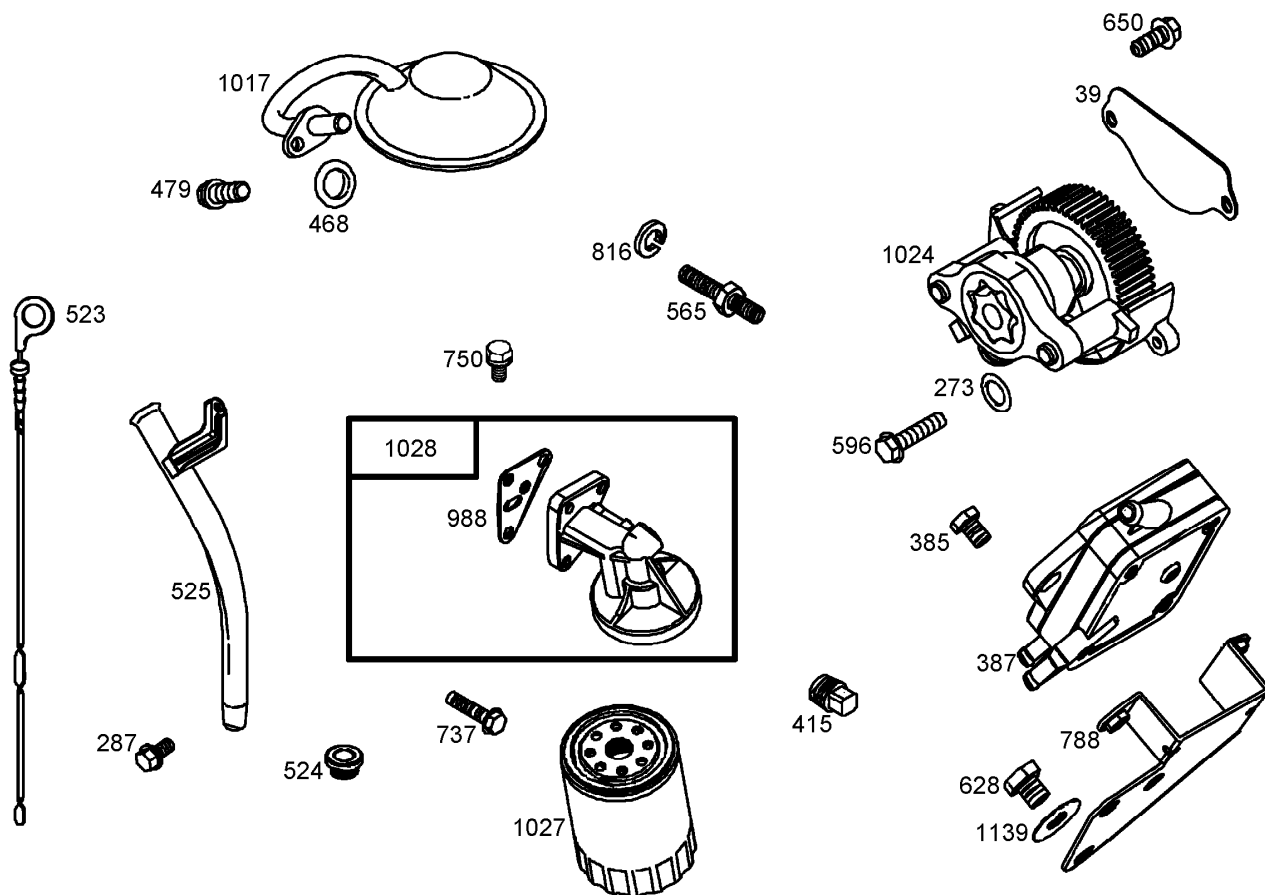


Cylinder Head Assembly Briggs and Stratton 356447-0200-E1

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

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

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

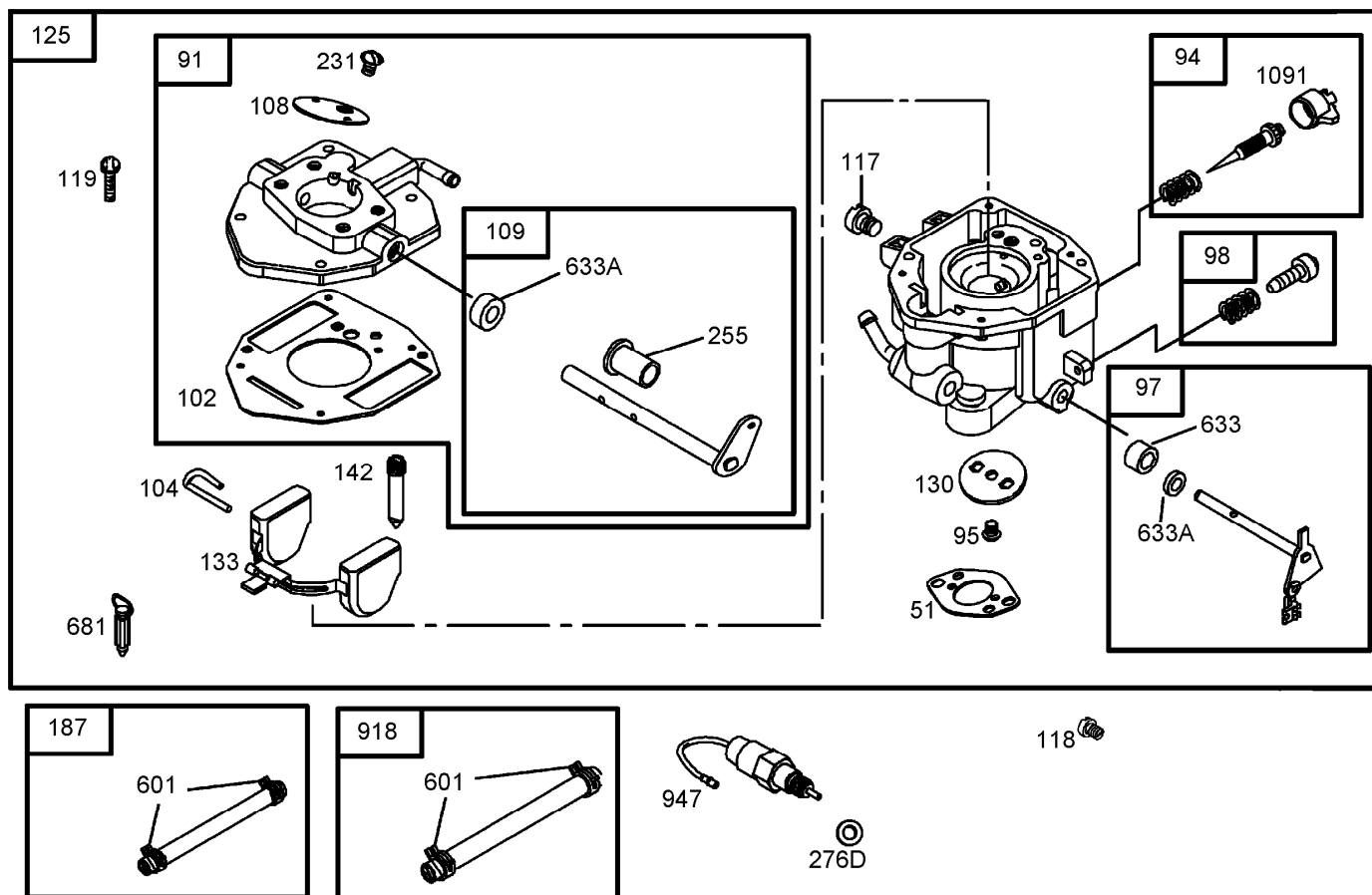


Oil Filter, Tube and Pump Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
39	690745	1	Deflector-Oil ●	628	692062	1	Screw ●
273	690681	1	Seal-O Ring ■●	650	841233	1	Screw ●
287	692062	1	Screw ●	737	690679	1	Screw (Oil Filter Adapter) ●
385	807084	1	Screw ●	750	692539	1	Screw ●
387	808969	1	Pump-Fuel ●	788	691559	1	Bracket-Pump, Fuel ●
415	690283	1	Plug-Oil ●	816	690706	1	Washer ●
468	690690	1	Seal-O Ring ■●	988	692063	1	Gasket-Adapter, Oil Filter ●
479	807084	1	Screw ●				
523	693175	1	Dipstick ●	1017	690900	1	Screen-Pump, Oil ●
524	693172	1	Seal-Tube, Dipstick ■▲●	1024	693185	1	Pump-Oil ●
525	693174	1	Tube-Dipstick ●	1027	492932	1	Filter-Oil ●
565	690682	1	Stud (Oil Filter Adapter) ●	1028	808235	1	Adapter-Filter, Oil ●
596	691492	1	Screw ●	1139	806497	1	Washer ●

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

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

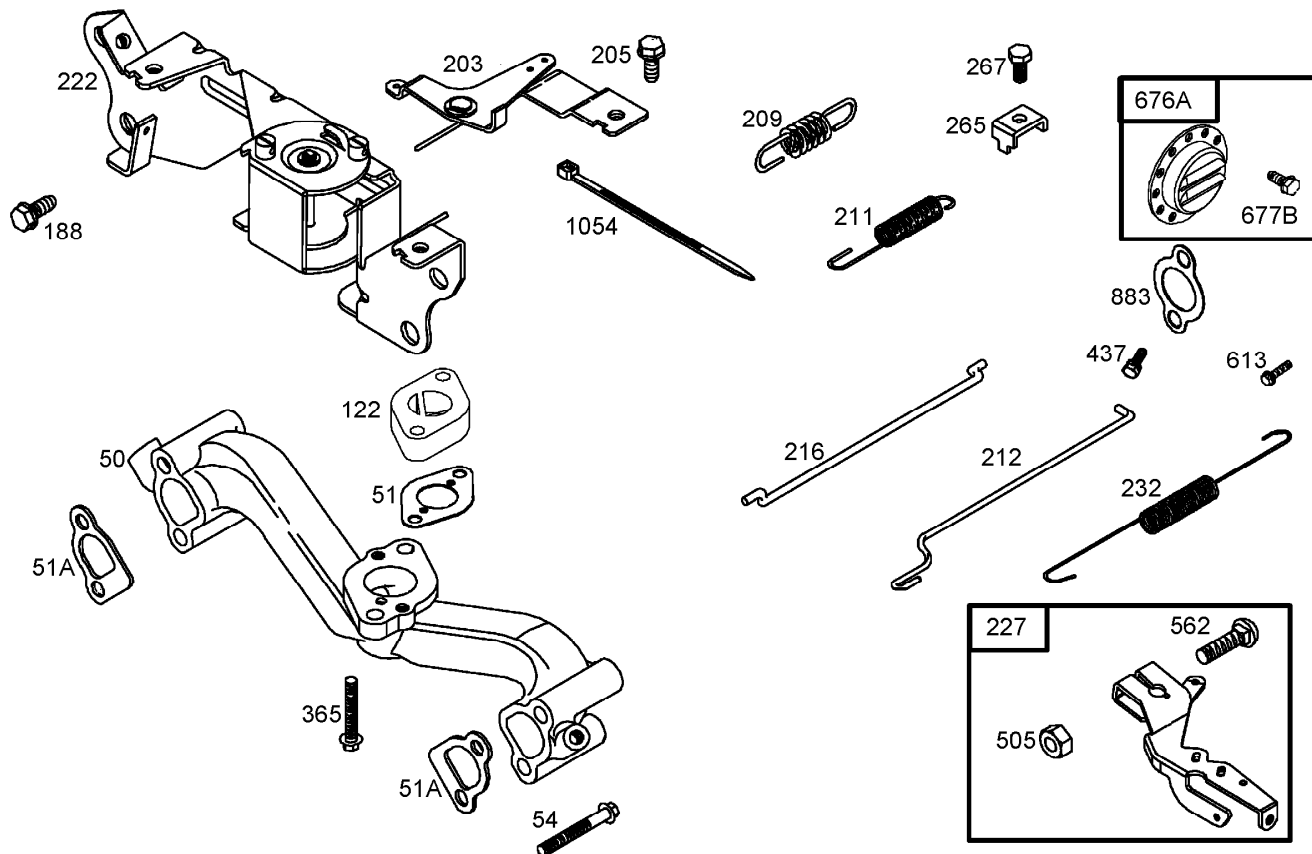


Carburetor Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
51	691694	1	Gasket-Intake ■●	130	690726	1	Valve-Throttle ●
91	809208	1	Upper Carburetor Body ASM ●	133	806961	1	Float-Carburetor ●
94	808257	1	Idle Mixture Kit ●▲	142	690725	1	Nozzle-Carburetor ●
95	690718	1	Screw ●	187	791766	1	Line-Fuel ●
97	807495	1	Shaft throttle ●	231	690718	1	Screw ●
98	808981	1	Idle Speed Kit ●	255	690721	1	Bushing-Shaft, Choke ▲●
102	692077	1	Gasket-Body, Carburetor ▲ ●	276D	806137	1	Washer-Sealing ●
104	690723	1	Pin-Hinge, Float ▲●	601	791850	1	Clamp-Hose ●
108	690719	1	Valve-Choke ●	633	806131	1	Seal-Shaft, Choke Throttle ▲●
109	809096	1	Shaft-Choke ●	633A	690722	1	Seal-Shaft, Choke Throttle ▲●
117	690862	1	Jet main (STD) ▲●	681	808798	1	Valve-Needle, Float ●▲
118	809442	1	Jet main (High Altitude) ●	918	393815	1	Line-Vacuum ●
119	690720	1	Screw ●	947	692094	1	Solenoid-Fuel ●
125	809217	1	Carburetor ●	1091	691516	1	Cap-Limiter ●▲

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

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

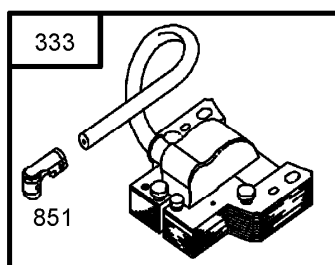


Governor Assembly Briggs and Stratton 356447-0200-E1

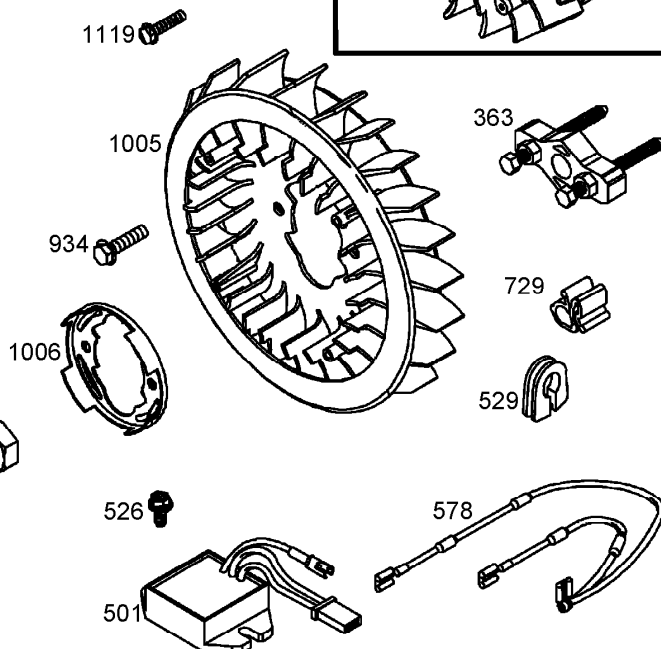
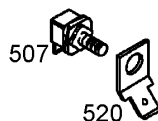
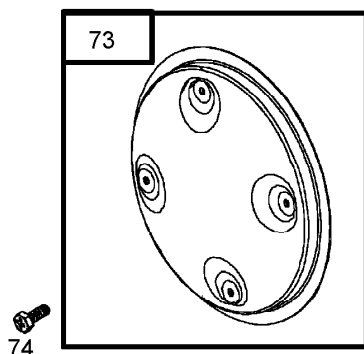
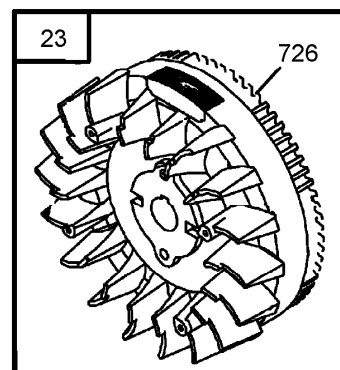
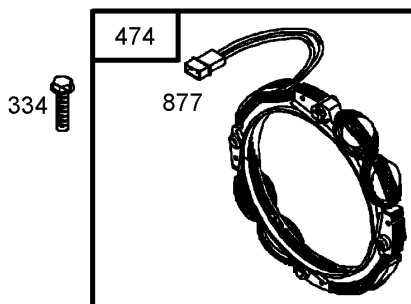
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
50	690754	1	Manifold-Intake ●	227	690236	1	Lever-Control, Governor ●
51	691694	1	Gasket-Intake ■●	232	692073	1	Spring-Link, Governor ●
51A	692035	1	Gasket-Intake ■▲●	265	691024	1	Clamp-Casing ●
54	690676	1	Screw ●	267	692083	1	Screw ●
122	690691	1	Spacer-Carburetor ●	365	690711	1	Screw ●
188	692056	1	Screw ●	437	691902	1	Screw (Exhaust Manifold) ●
203	690923	1	Crank-Bell ●	505	690238	1	Nut ●
205	692083	1	Screw ●	562	690239	1	Bolt ●
209	806872	1	Spring-Governor ●	613	691902	1	Screw (Muffler) ●
211	806868	1	Spring-Idle, Governor ●	676A	397630	1	Deflector-Exhaust ●
212	690712	1	Link-Throttle ●	677B	690661	1	Screw ●
216	690705	1	Link-Choke ●	883	691613	1	Gasket-Exhaust ●■▲
222	808454	1	Bracket-Control ●	1054	280275	1	Tie-Cable ●

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

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



1036 LABEL-EMISSION



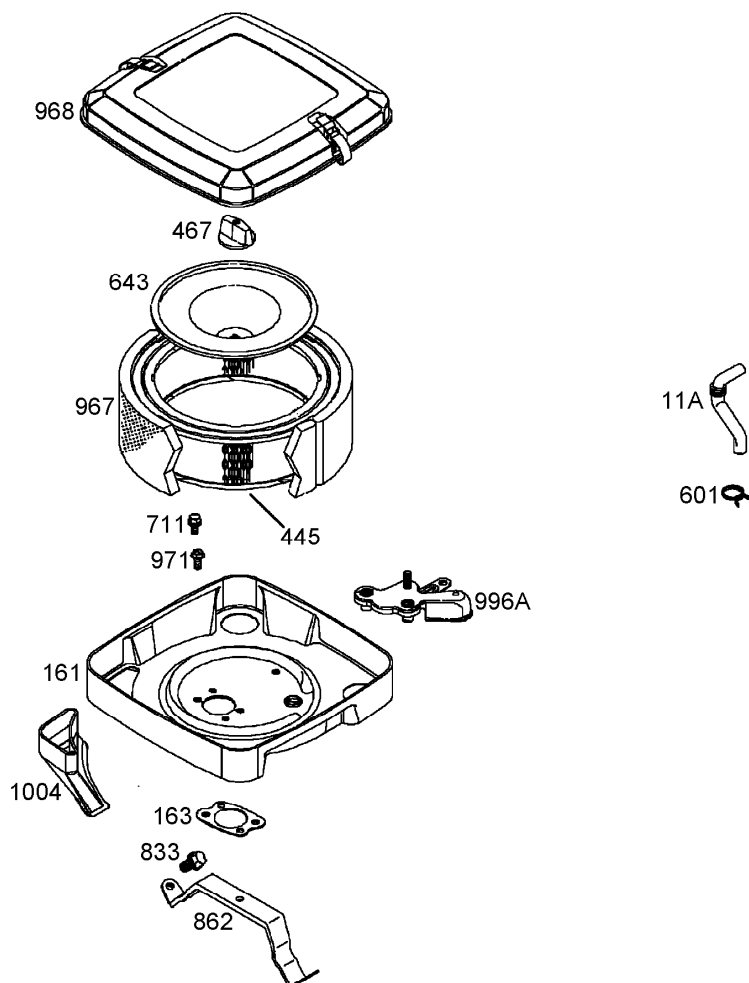
Blower Housing Assembly Briggs and Stratton 356447-0200-E1

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

Ref.	Part Number	Qty.	Description
526	692067	1	Screw ■
529	690744	1	Grommet ■
578	692319	1	Wire ASM ■
726		1	Gear ring ● ■
729	690586	1	Clip-Wire ■
851	493880	1	Terminal-Spark Plug ■
877	399916	1	Connector-Wire, Alternator ■
934	691058	1	Screw ■
1005	841439	1	Fan flywheel ■
1006	690452	1	Retainer-Fan ■
1036	842669	1	Label emission ■
1044	692056	1	Screw ■
1119	691552	1	Screw (Alternator) ■

● Not serviced separately

■ Obtain parts from www.briggsandstratton.com

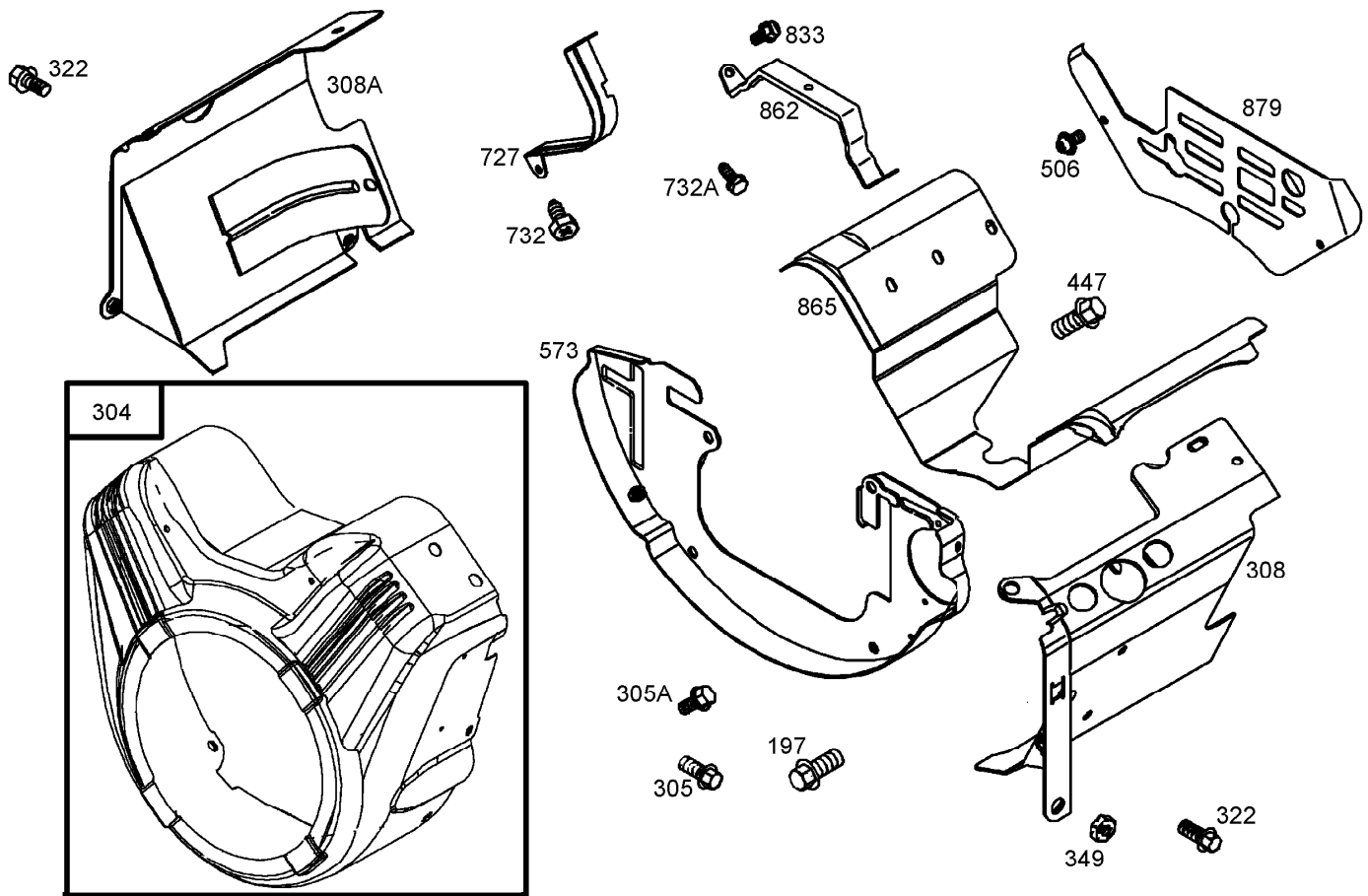


Air Cleaner Assembly Briggs and Stratton 356447-0200-E1

Ref.	Part Number	Qty.	Description
11A	806083	1	Tube-Breather ●
161	691561	1	Base-Cleaner, Air ●
163	692081	1	Gasket-Cleaner, Air ●■
445	394018	1	Filter-Air ●
467	691985	1	Knob-Cleaner, Air ●
601	691038	1	Clamp-Hose ●
643	692079	1	Retainer-Filter, Air ●
711	841233	1	Screw ●
833	841233	1	Screw ●
862	692153	1	Strap-Stud Mounting, Air Cleaner ●
967	272490	1	Filter-Air ●
968	699959	1	Cover cleaner , Air ●
971	807084	1	Screw ●
996A	691577	1	Shield-Carburetor ●
1004	807121	1	Duct air ●

● Obtain parts from www.briggsandstratton.com

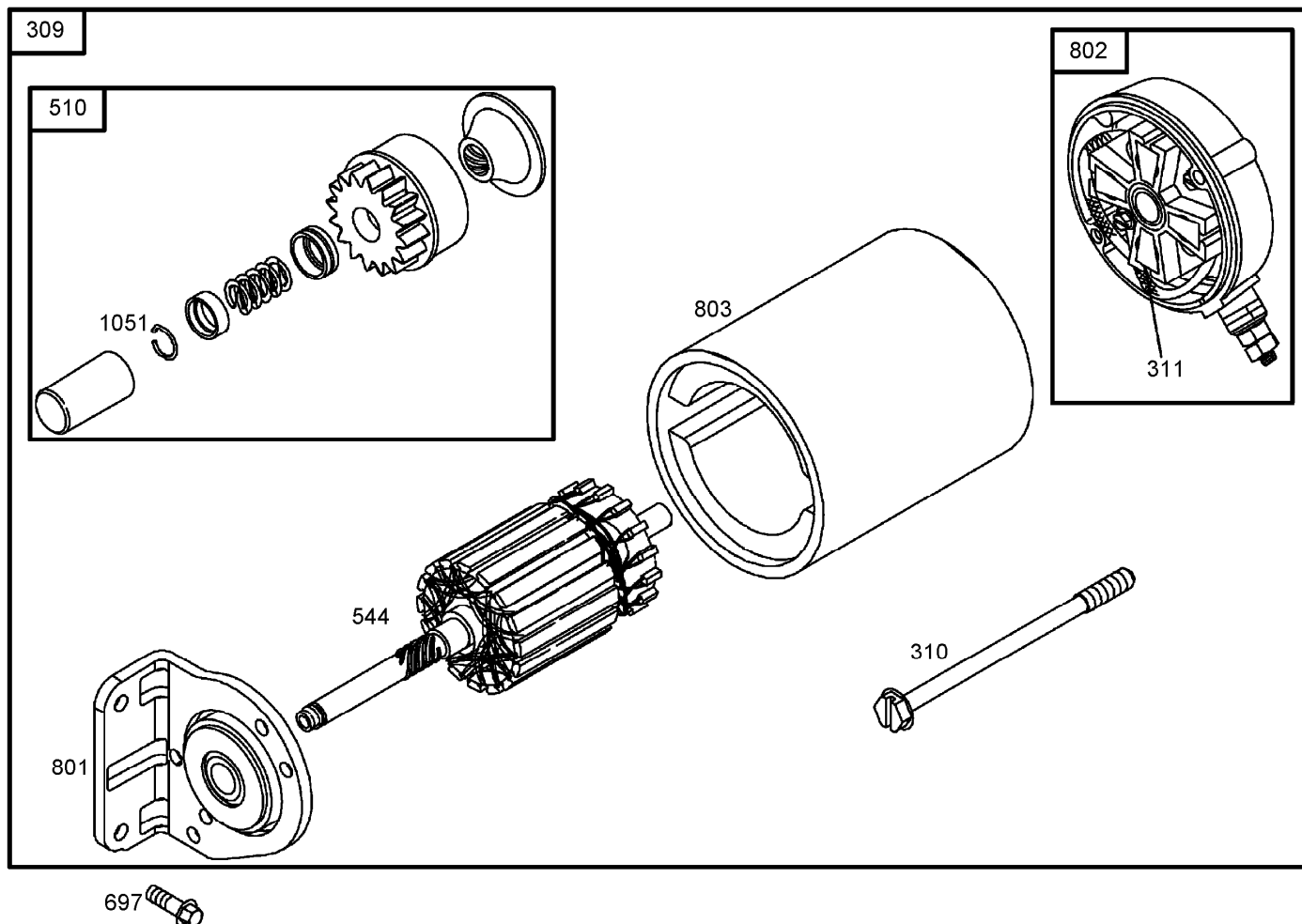
■ Included in Engine Gasket Set (Ref. No. 358)



Blower Housing Assembly Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

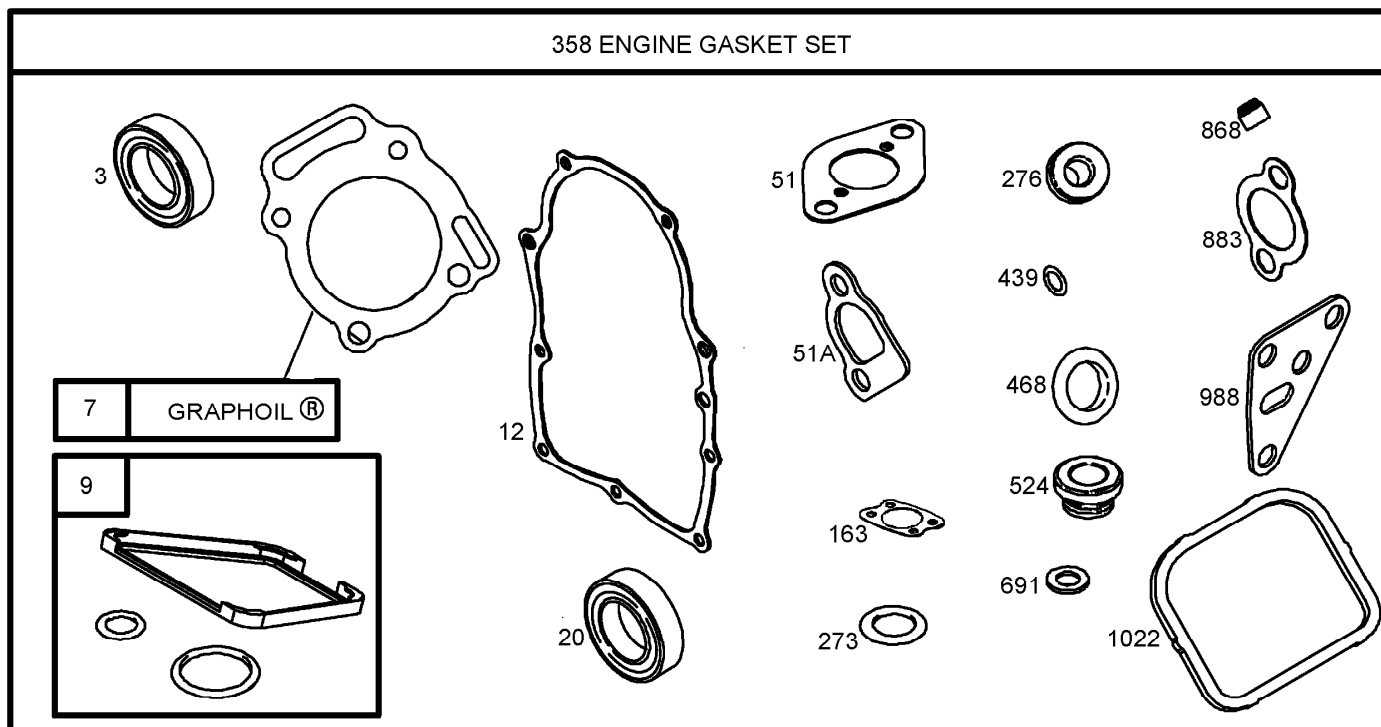


Starter Assembly Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

358 ENGINE GASKET SET

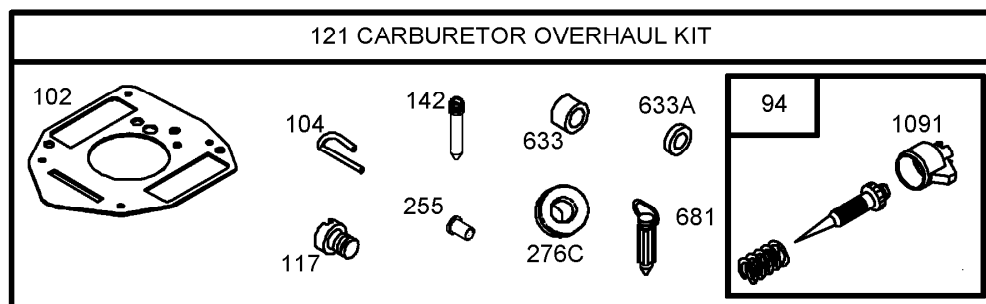
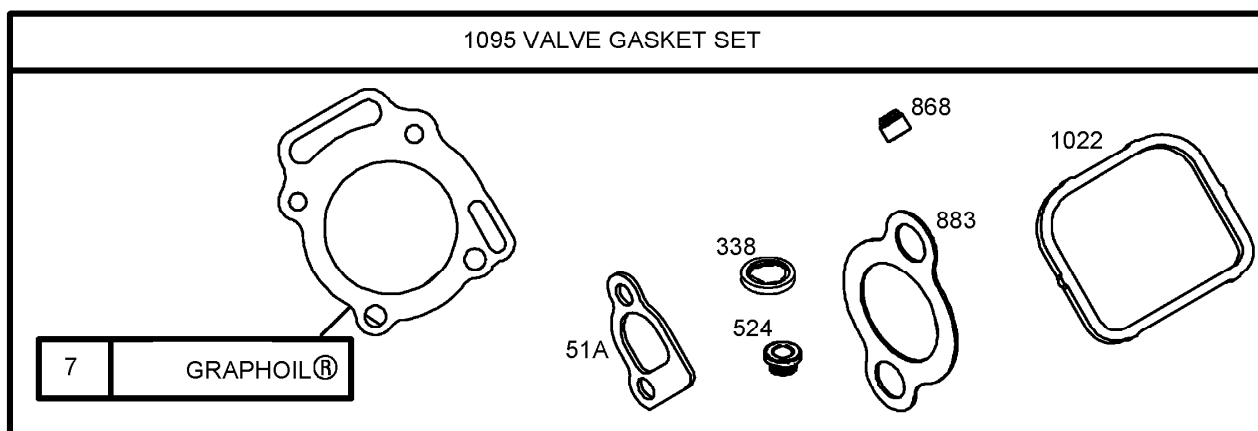


358 Engine Gasket Set Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

■ Included in Valve Gasket Set (Ref. No. 1095)



1095 Valve Gasket Set and 121 Carburetor Overhaul Kit Briggs and Stratton 356447-0200-E1

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

● Obtain parts from www.briggsandstratton.com

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

Attachments and Accessories

For 04357 Greensmaster 3150 2-Wheel Drive Traction Unit

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

Notes:



Count on it.