



Greensmaster[®] 3050

Two Wheel Drive Traction Unit

Model No. 04351—200000601 and Up

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

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

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

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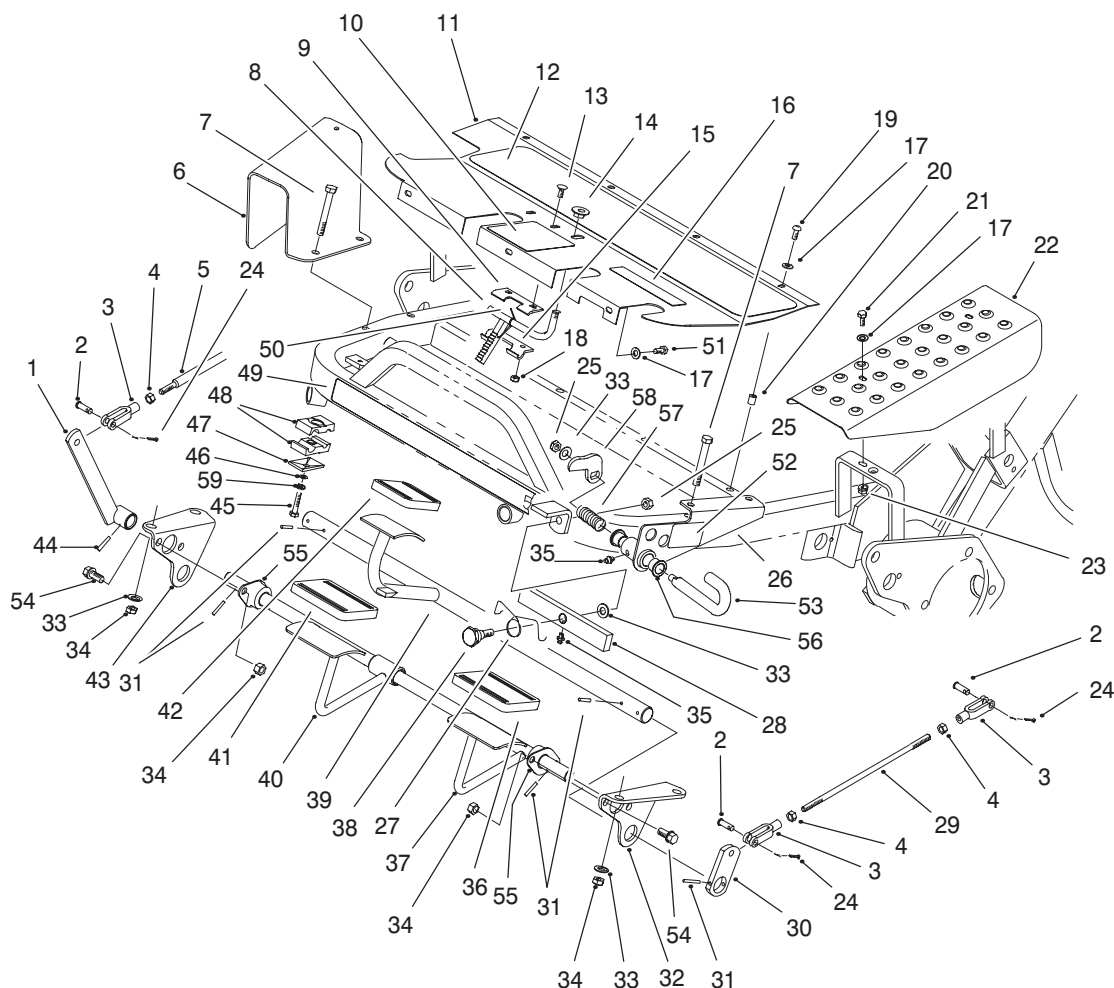
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming

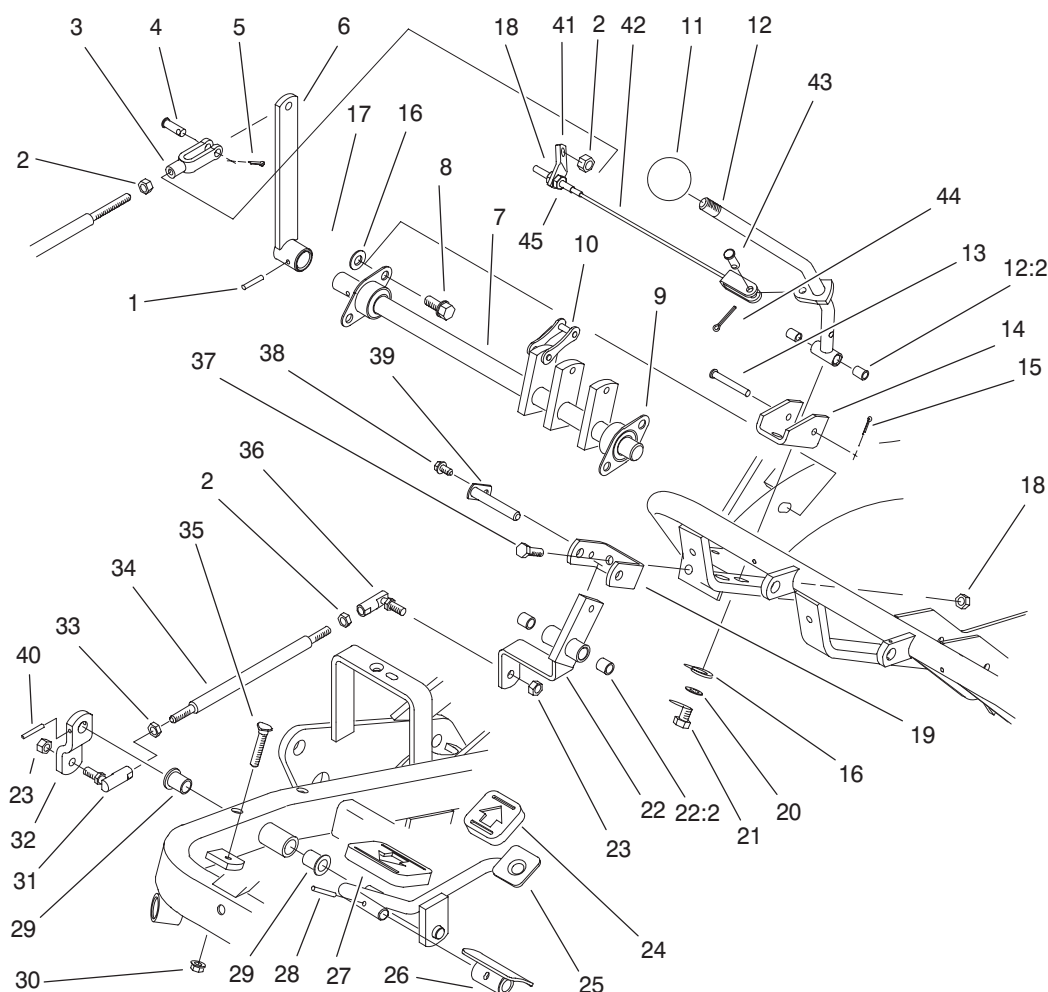
Abbreviation	Meaning
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head



Sheet No.:2

Control Pedal Assembly

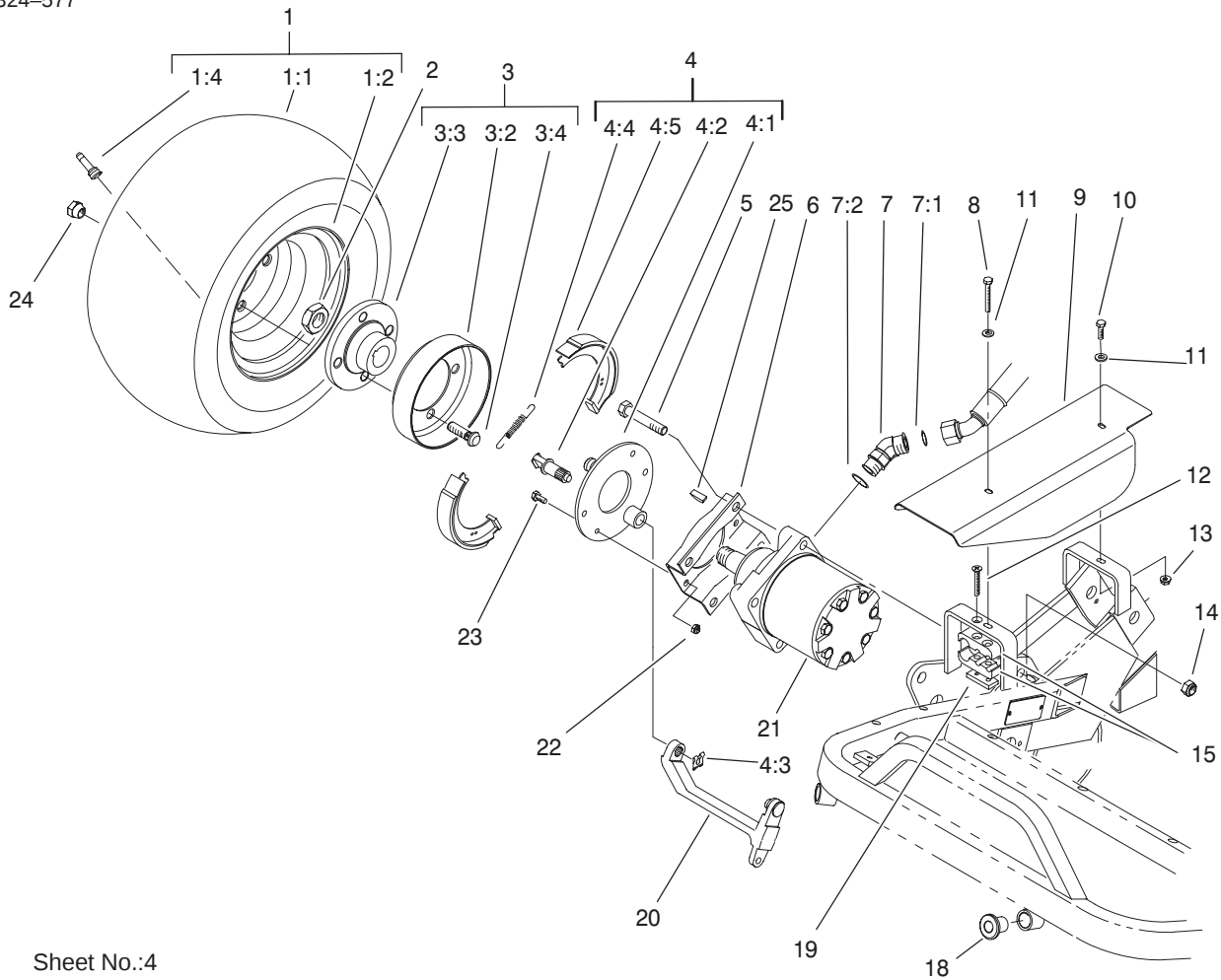
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	49-6200-01	1	Lever-Cutting	27	83-0080	1	Spring-Pivot, Lift
2	283-61	5	Pin-Yoke	28	83-0060	1	Lift - Pivot
3	282-2	5	Yoke	29	27-2270	2	Rod-Adjustment, Brake
4	3220-2	5	Nut-Jam	30	10-8100-01	2	Strap-Shaft, Brake
5	49-5430	1	Rod-Control	31	32121-35	8	Pin-Roll
6	49-6110-01	1	Guard	32	88-9640-01	1	Bracket-Lift Pivot, LH
7	323-13	4	Screw-HH	33	3256-38	6	Washer-Flat
8	10-7850	1	Latch-Brake, Parking	34	3296-59	8	Nut-Lock, NI
9	95-1628	1	Hinge - Upper	35	302-5	2	Fitting - Lube
10	93-8062	1	Decal-Brake, Parking	36	93-7631	1	Pad-Foot, Lift
11	83-0640-01	1	Plate-Footrest	37	88-9660	1	Shaft-Control, Cut
12	49-6120	1	Pad-Footrest	38	83-2590	1	Bolt-Shoulder, Pivot
13	3229-11	2	Screw-CARR	39	83-0160	1	Shaft-Brake
14	32141-111	1	Nut-Adjusting	40	83-0140	1	Pedal-Mow
15	95-1629	1	Hinge - Lower	41	93-7630	1	Pad-Foot
16	93-8075	1	Decal-Mow/Lift	42	93-7629	1	Pad-Foot, Brake
17	3256-1	9	Washer-Flat	43	88-9630-01	1	Bracket-Lift Pivot, RH
18	3296-16	2	Nut-Lock, NI	44	32121-6	1	Pin-Roll
19	3274-31	4	Screw-HSBH	45	321-11	1	Screw-HH
20	32148-6	8	Nut-Insert	46	3256-22	1	Washer-Flat
21	321-4	2	Screw-HH	47	69-9760	1	Coverplate
22	83-0200-01	1	Plate-Cover, LH	48	56-7970	2	Clamp-Tube
23	32128-33	2	Nut-HF	49	95-5997	1	Decal - Gr 3050
24	3272-6	5	Pin-Cotter	50	10-8140	1	Bracket-Spring, Latch
25	3296-39	2	Nut-Lock, NI	51	321-3	3	Screw-HH
26	93-9901-01	1	Bracket-Lockout, Mow				



Sheet No.:3

Traction Controls Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32121-6	1	Pin-Roll	25	83-0540-01	1	Traction Pedal ASM
2	3220-2	3	Nut-Jam	26	49-6440-03	1	Pedal-Forward
3	282-2	1	Yoke	27	74-9100	1	Pad-Pedal, Forward
4	283-61	1	Pin-Yoke	28	32121-45	1	Pin-Spring
5	3272-6	1	Pin-Cotter	29	256-155	2	Bushing-Flange
6	47-5320-01	1	Lever	30	32128-20	1	Nut-HF
7	44-0870	1	Cam Shaft ASM	31	2411-42	1	Joint-Ball, LH
8	3234-1	4	Screw-HHF	32	83-0630	1	Arm-Pivot, Traction
9	27-2320	2	Bearing	33	3220-20	1	Nut-Jam LH
10	57-6220	5	Link-Connecting	34	83-0580	1	Rod-Control, Traction
11	233-48	1	Knob	35	17-9420	1	Screw - Handle
12	93-9934	1	Handle-Traction	36	2411-43	1	Joint-Ball
12:2	256-251	2	Bushing	37	322-5	2	Screw-HH
13	283-57	1	Pin	38	12-3270	1	Screw
14	49-6220	1	Bracket-Arm, Control	39	49-6290	1	Pivot Shaft ASM
15	3272-4	1	Pin-Cotter	40	32121-51	1	Pin-Roll
16	3256-24	6	Washer-Flat	41	93-9936	1	Bracket-Return, Traction
17	3296-59	4	Nut-Lock, NI	42	93-9937	1	Traction Cable ASM
18	3296-29	3	Nut-Lock, NI	43	283-62	1	Pin-Clevis
19	49-6250	1	Bracket-Pivot	44	3272-10	1	Pin-Cotter
20	3254-6	2	Washer-Lock, Int.	45	3217-6	1	Nut-Hex
21	3211-2	2	Screw-HH				
22	49-6260	1	Pivot ASM				
22:2	256-2	2	Bushing				
23	3296-4	2	Nut-Lock, NI				
24	74-9110	1	Pad-Pedal, Reverse				



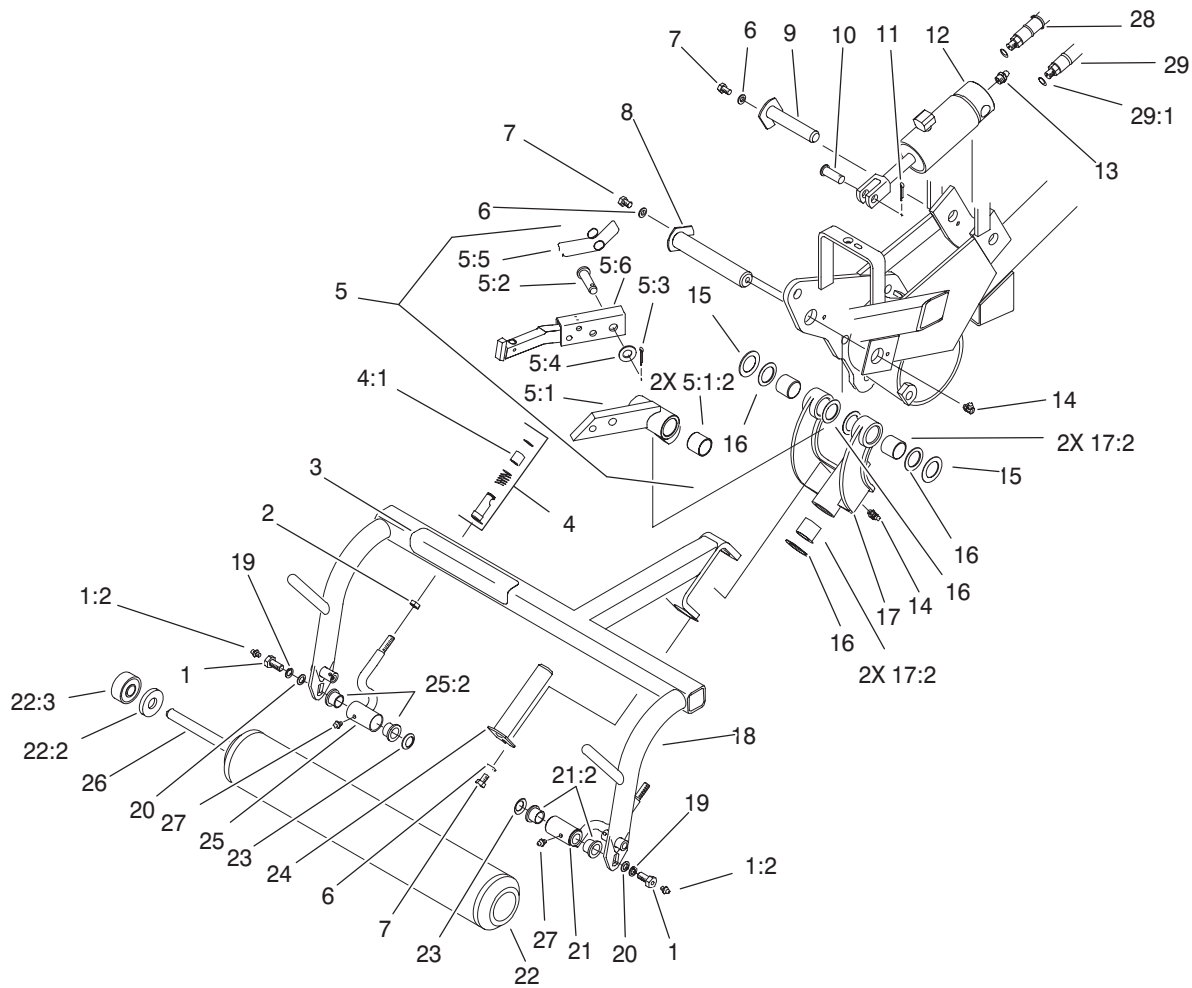
Sheet No.:4

Front Wheel And Brake Assembly

Ref. No.	Part No.	Qty.	Description
1		2	Wheel & Tire ASM
1:1	28-3680	1	Tire
1:2	217-60	1	Rim
1:4	232-24	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	71-1500	2	Brake ASM
4:1	70-9870	1	Plate-Backing
4:2	70-9860	1	Cam-Brake
4:3	70-9850	1	Clip-Retaining
4:4	70-9880	2	Spring-Return
4:5	70-9840	2	Shoe-Brake
5	325-11	8	Screw-HH
6	84-2000-03	2	Bracket-Brake
7	340-14	4	Fitting-Hyd., 45°
7:1	237-65	1	O-Ring
7:2	237-80	1	O-Ring
8	321-11	1	Screw-HH
9	83-0190-01	1	Cover-RH
10	321-4	1	Screw-HH
11	3256-22	2	Washer-Flat
12	32108-100	1	Screw-FH

Ref. No.	Part No.	Qty.	Description
13	32128-33	1	Nut-HF
14	3296-23	8	Nut-Lock, NI
15	57-6140	2	Clamp-Tube, Half
18	83-1700	3	Bushing - Flange
19	83-1220	1	Plate-Clamp
20	93-2096	2	Lever - Brake
21	92-9199	2	Motor-Hydraulic
22	3296-42	8	Nut-Lock
23	321-5	8	Screw-HH
24	242-50	8	Nut-Lug
25	3257-42	2	Key-Woodruff

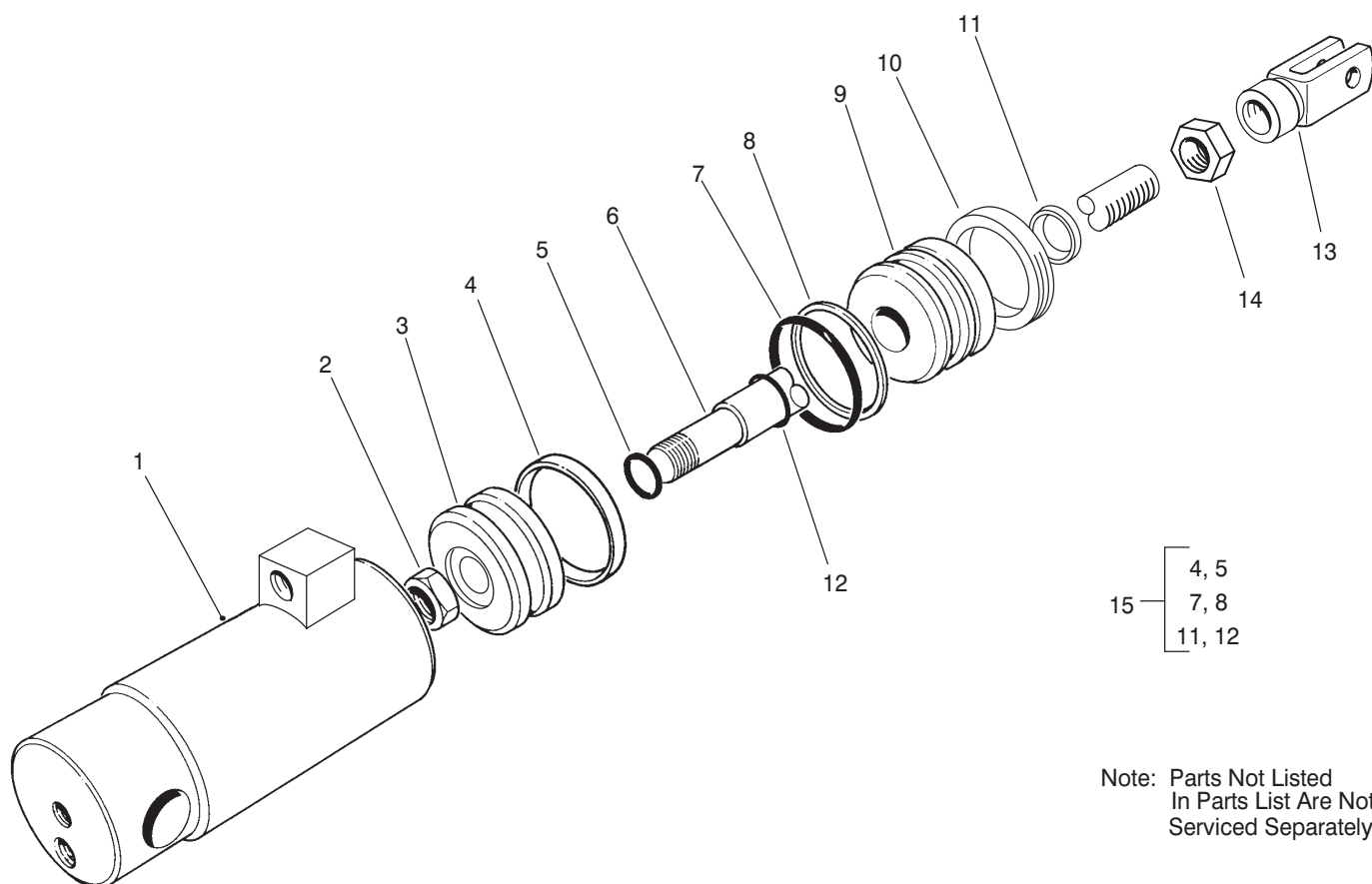
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Right Hand Pull Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	11-0160	2	Roller Shaft Screw	15	5-1226	2	Washer
1:2	302-5	1	Fitting – Lube	16	10-8110	6	Washer–Thrust
2	3220-3	2	Nut–Jam	17	10-7820	1	Pivot Hinge ASM
3	93-8064	1	Decal–Danger	17:2	3-0348	4	Bushing
4	99-1460	2	Ball Joint Receiver	18	92-9177-01	1	Frame–Pull, RH
4:1	99-1461	1	Sleeve–Joint, Ball	19	3253-21	2	Washer–Lock
5	94-5590	1	RH Lift Arm ASM	20	3256-24	2	Washer–Flat
5:1	62-2440	1	Lift Arm ASM	21	92-0586	1	Pull Arm ASM
5:1:2	3-0348	2	Bushing	21:2	3-1506	2	Bushing
5:2	63-8750	1	Pin–Pivot	22	99-4277	1	Roller ASM
5:3	3272-11	1	Pin–Cotter	22:2	253-83	1	Seal–Oil
5:4	3256-26	1	Washer–Flat	22:3	251-141	2	Bearing–Ball
5:5	57-7650	1	Spring–Torsion	23	3290-317	2	Washer–Spring
5:6	94-5588-01	1	Bar–Lift, R/H	24	10-6090	1	Pin–Pivot
6	3256-23	3	Washer–Flat	25	92-0585	1	Pull Arm ASM
7	322-1	3	Screw–HH	25:2	3-1506	2	Bushing
8	10-6110	1	Pin–Hinge	26	21-8470	1	Shaft–Roller
9	10-6060	1	Pin–Pivot, Ram	27	302-5	2	Fitting – Lube
10	283-8	1	Pin–Clevis	28	3290-378	1	Tie–Cable
11	3272-11	1	Pin–Cotter	29	92-9767	2	Hose
12	99-8159	1	Hydraulic Cylinder	29:1	237-78	1	O–Ring
13	302-2	1	Fitting–Grease				
14	302-60	2	Fitting–Lube				



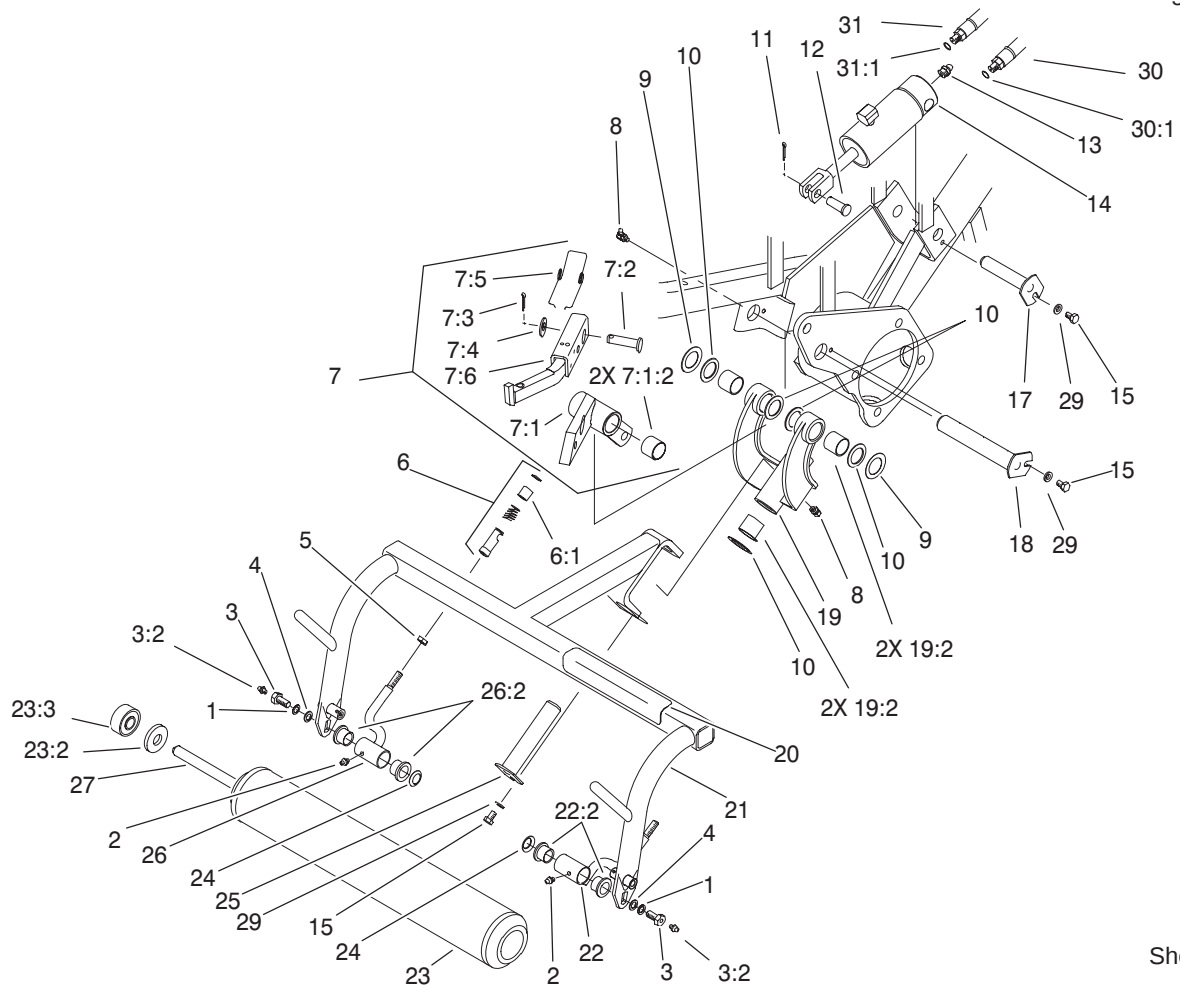
Note: Parts Not Listed
In Parts List Are Not
Serviced Separately.

Sheet No.: A2
T-3359

Hydraulic Cylinder Assembly No. 99-8159

Ref. No.	Part No.	Qty.	Description
2	32152-10	1	Locknut-Deform, Top
3	52-1990	1	Piston-Cylinder, Hydraulic
13	76-1850	1	Clevis
14	3220-6	1	Nut-Jam
15	99-8163	1	Kit-Repair, Seal

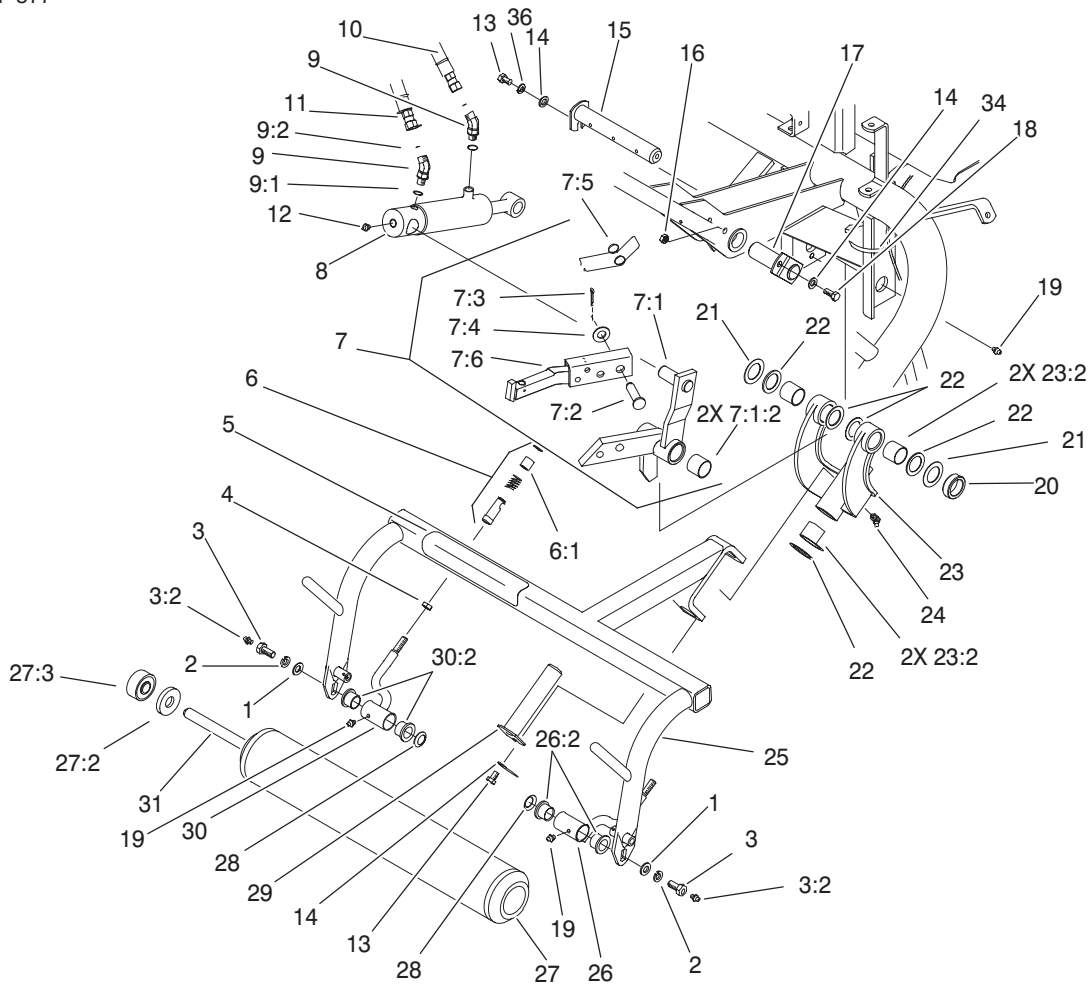
Ref. No.	Part No.	Qty.	Description



Sheet No.: 7
T-3360

Left Hand Pull Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3253-21	2	Washer-Lock	15	322-1	3	Screw-HH
2	302-5	2	Fitting - Lube	17	10-6060	1	Pin-Pivot, Ram
3	11-0160	2	Roller Shaft Screw	18	10-6110	1	Pin-Hinge
			ASM	19	10-7820	1	Pivot Hinge ASM
3:2	302-5	1	Fitting - Lube	19:2	3-0348	4	Bushing
4	3256-24	2	Washer-Flat	20	93-8064	1	Decal-Danger
5	3220-3	2	Nut-Jam	21	92-9176-01	1	Frame-Pull, LH
6	99-1460	2	Ball Joint Receiver	22	92-0586	1	Pull Arm ASM
			ASM	22:2	3-1506	2	Bushing
6:1	99-1461	1	Sleeve-Joint, Ball	23	99-4277	1	Roller ASM
7		1	LH Lift Arm ASM	23:2	253-83	1	Seal-Oil
7:1	62-2460	1	Lift Arm ASM	23:3	251-141	2	Bearing-Ball
7:1:2	3-0348	2	Bushing	24	3290-317	2	Washer-Spring
7:2	63-8750	1	Pin-Pivot	25	10-6090	1	Pin-Pivot
7:3	3272-11	1	Pin-Cotter	26	92-0585	1	Pull Arm ASM
7:4	3256-26	1	Washer-Flat	26:2	3-1506	2	Bushing
7:5	57-7650	1	Spring-Torsion	27	21-8470	1	Shaft-Roller
7:6	94-5586-01	1	Bar-Lift, LH	29	3256-23	3	Washer-Flat
8	302-60	2	Fitting-Lube	30	83-1690	1	Hose-Hydraulic
9	5-1226	2	Washer	30:1	237-78	1	O-Ring
10	10-8110	6	Washer-Thrust	31	63-3850	1	Hose ASM
11	3272-11	1	Pin-Cotter	31:1	237-78	1	O-Ring
12	283-8	1	Pin-Clevis				
13	302-2	1	Fitting-Grease				
14	99-8159	1	Hydraulic Cylinder				
			ASM				



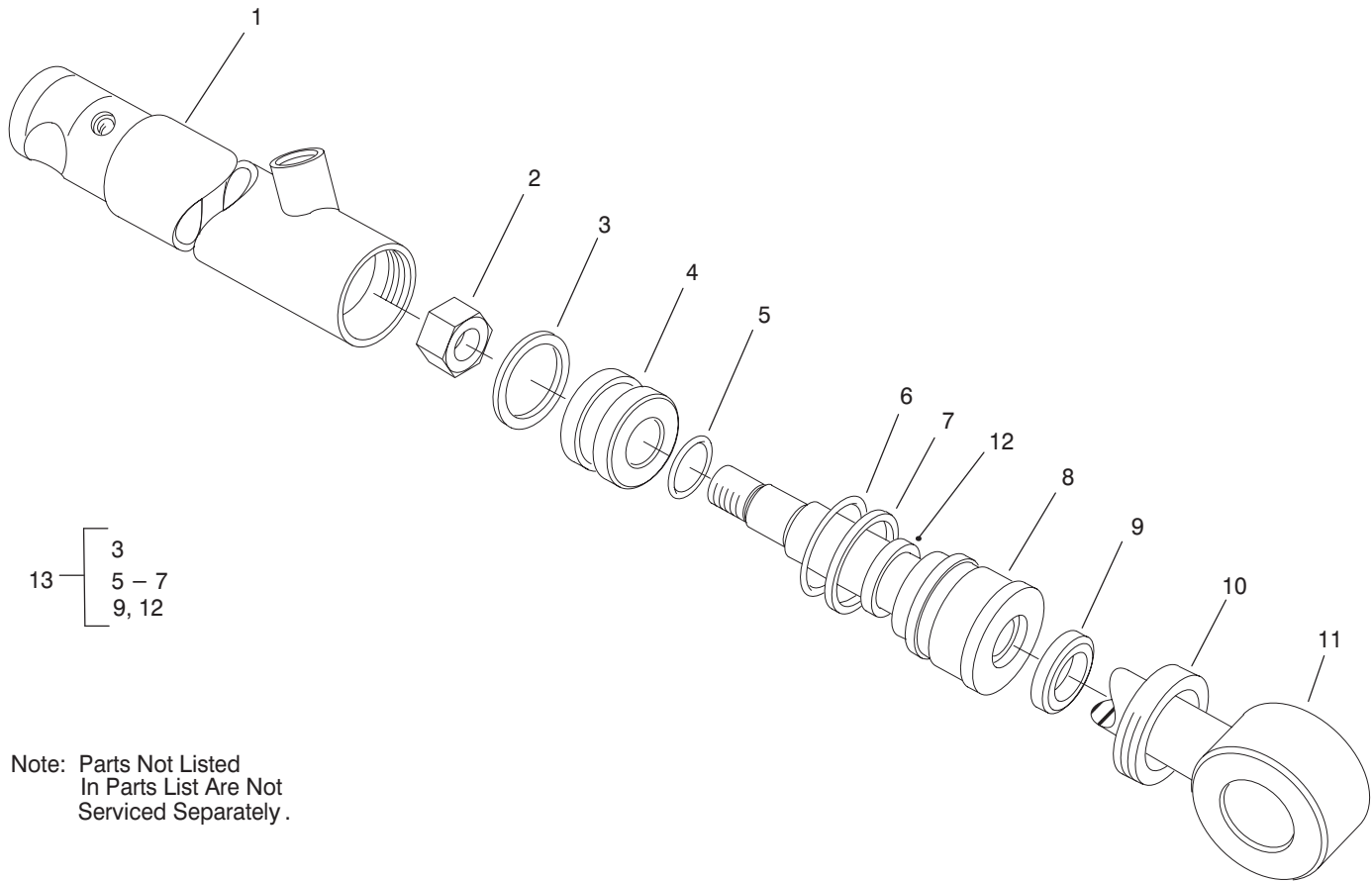
Sheet No.: 8

T-3361

Rear Pull Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	3256-24	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	11-0160	2	Roller Shaft Screw
3:2	302-5	1	Fitting - Lube
4	3220-3	2	Nut-Jam
5	93-8064	1	Decal-Danger
6	99-1460	2	Ball Joint Receiver
6:1	99-1461	1	Sleeve-Joint, Ball
7	68-5280	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	99-8160	1	Hydraulic Cylinder
9	340-103	2	Fitting
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	83-1680	1	Hose-Hydraulic
11	88-9700	1	Hose-Hydraulic
12	302-2	1	Fitting-Grease

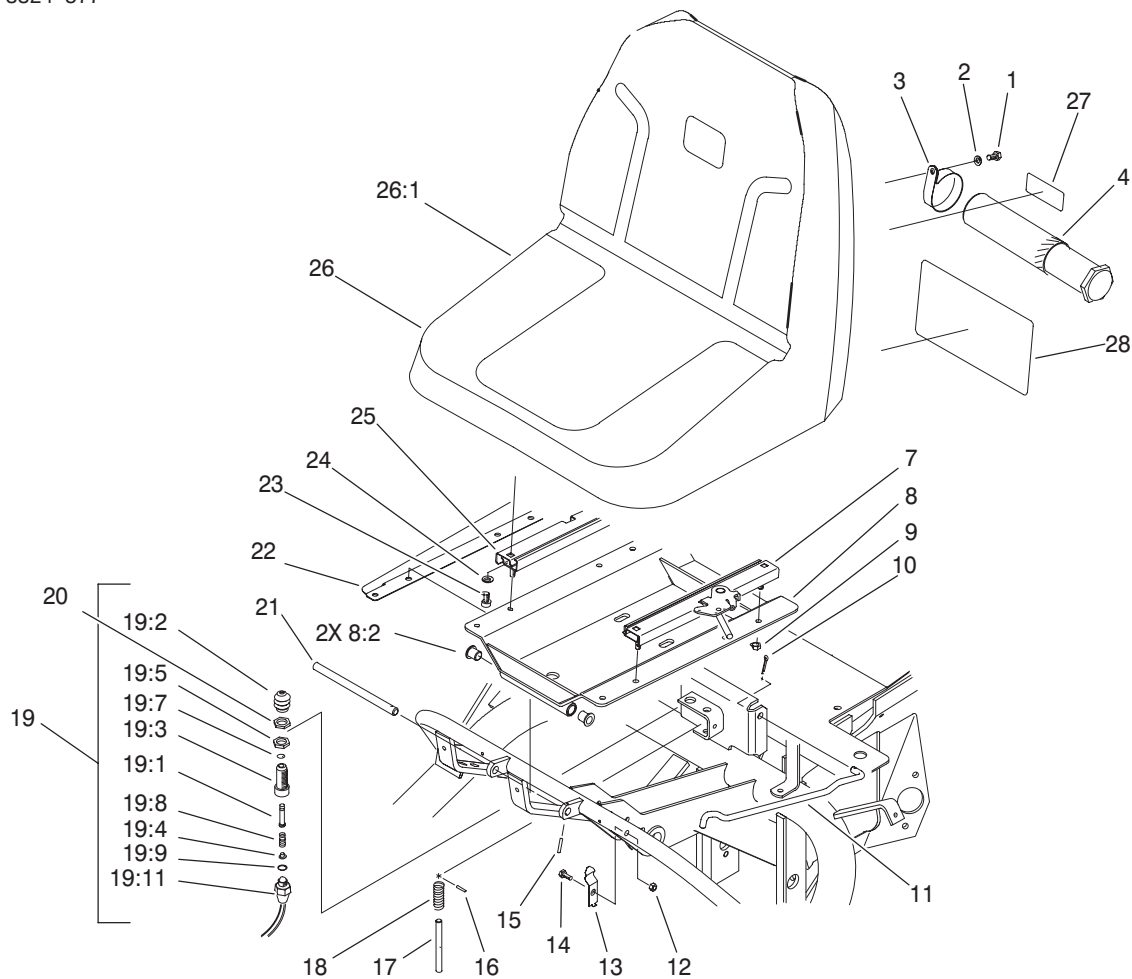
Ref. No.	Part No.	Qty.	Description
13	322-1	2	Screw-HH
14	3256-23	3	Washer-Flat
15	27-2550	1	Pin-Hinge
16	3296-29	1	Nut-Lock, NI
17	68-5560	1	Pin-Cylinder, Pivot
18	322-3	1	Screw-HH
19	302-5	3	Fitting - Lube
20	93-2384	1	Spacer - Carrier
21	5-1226	2	Washer
22	10-8110	6	Washer-Thrust
23	10-7820	1	Pivot Hinge ASM
23:2	3-0348	4	Bushing
24	302-60	1	Fitting-Lube
25	86-9820-01	1	Frame-Pull, Rear
26	92-0586	1	Pull Arm ASM
26:2	3-1506	2	Bushing
27	99-4277	1	Roller ASM
27:2	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
34	3290-379	1	Tie-Cable
36	3253-4	1	Washer



Hydraulic Cylinder No. 99-8160

Ref. No.	Part No.	Qty.	Description
2	32152-10	1	Locknut-Deform, Top
4	70-2780	1	Piston
13	99-8162	1	Kit-Repair, Seal

Ref. No.	Part No.	Qty.	Description



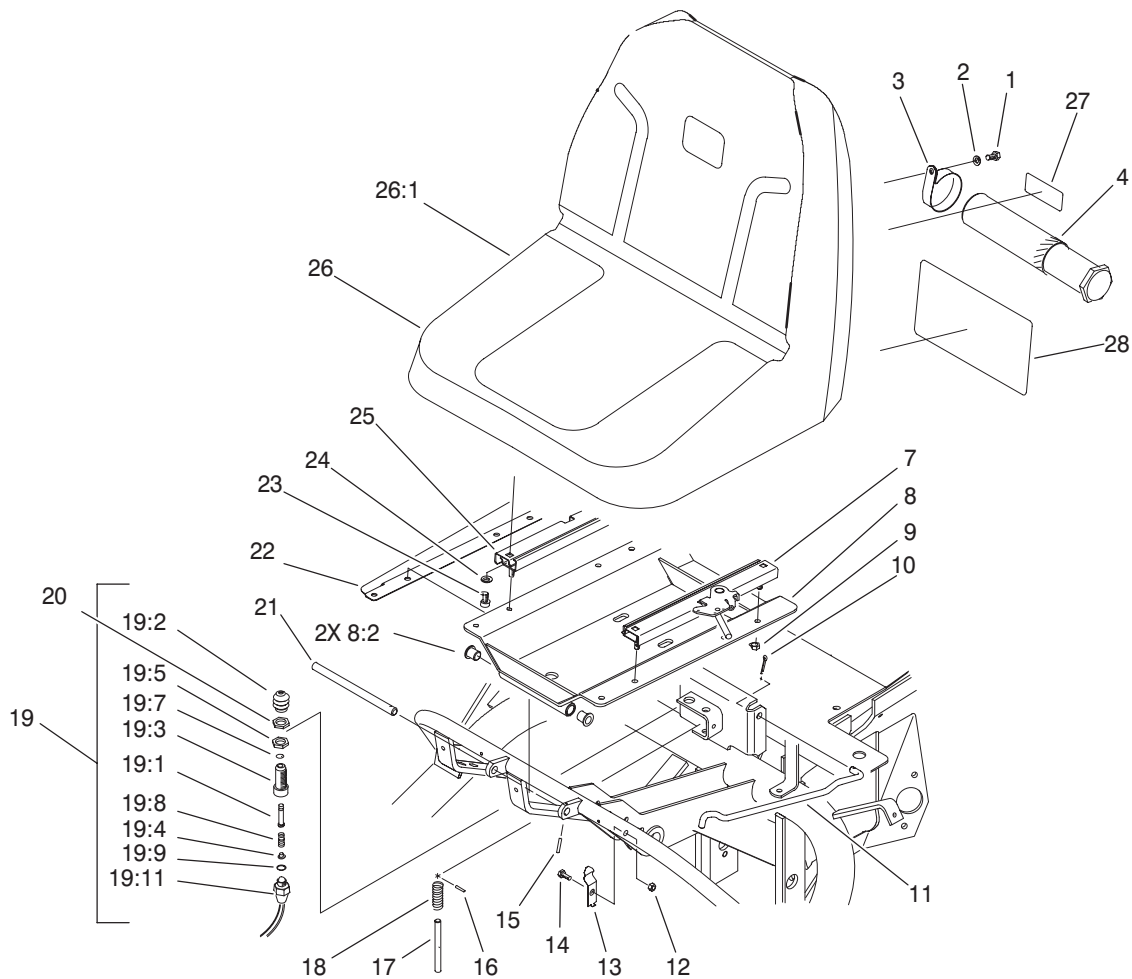
Sheet No.: 9
T-3363

Seat Assembly

Ref. No.	Part No.	Qty.	Description
1	322-2	2	Screw-HH
2	3253-4	2	Washer
3	2412-133	2	R-Clamp
4	74-0720	1	Tube-Manual
7	51-0790	1	Adjuster-Seat, LH
8	83-1270	1	Seat Support ASM
8:2	256-155	2	Bushing-Flange
9	3296-29	4	Nut-Lock, NI
10	3272-11	1	Pin-Cotter
11	68-5100	1	Rod-Seat, Prop
12	3296-16	1	Nut-Lock, NI
13	68-5310	1	Clip-Rod, Prop
14	321-3	1	Screw-HH
15	32121-45	1	Pin-Spring
16	3284-3	1	Pin-Groove
17	51-0350	1	Pin-Spring, Seat
18	3-6685	1	Spring
19	43-9071	1	Limit Switch ASM
19:1	43-8860	1	Plunger-Switch
19:2	43-8870	1	Switch Boot
19:3	43-8620	1	Guide-Pin, Switch
19:4	43-8610	1	Guide
19:5	218-461	1	Nut-HH
19:7	237-7	1	O-Ring
19:8	43-8600	1	Spring-Compression
19:9	237-30	1	O-Ring

Ref. No.	Part No.	Qty.	Description
19:11	72-4320	1	Switch
20	218-461	1	Nut-HH
21	49-5880	1	Shaft-Support, Seat
22	83-1840-01	1	Cover-Valve, RH
23	3274-12	4	Screw-HSH
24	3256-23	4	Washer-Flat
25	51-0780	1	Slider-Seat
26	100-3187	1	Seat ASM
26:1	92-6534	1	Shell
*26:2	351-80	1	Clip
*26:3	351-78	1	Edging
*26:4	100-6411	1	Cushion-Replacement
27	93-8067	1	Decal-Oil, Hydraulic
28	95-7113	1	Decal - Service
28	95-7124	1	Decal - Service (Spanish)
28	95-7125	1	Decal - Service (French)
28	95-7126	1	Decal - Service (German)
28	95-7127	1	Decal - Service (Swedish)
28	95-7128	1	Decal - Service (Italian)
28	95-7129	1	Decal - Service (Portugese)

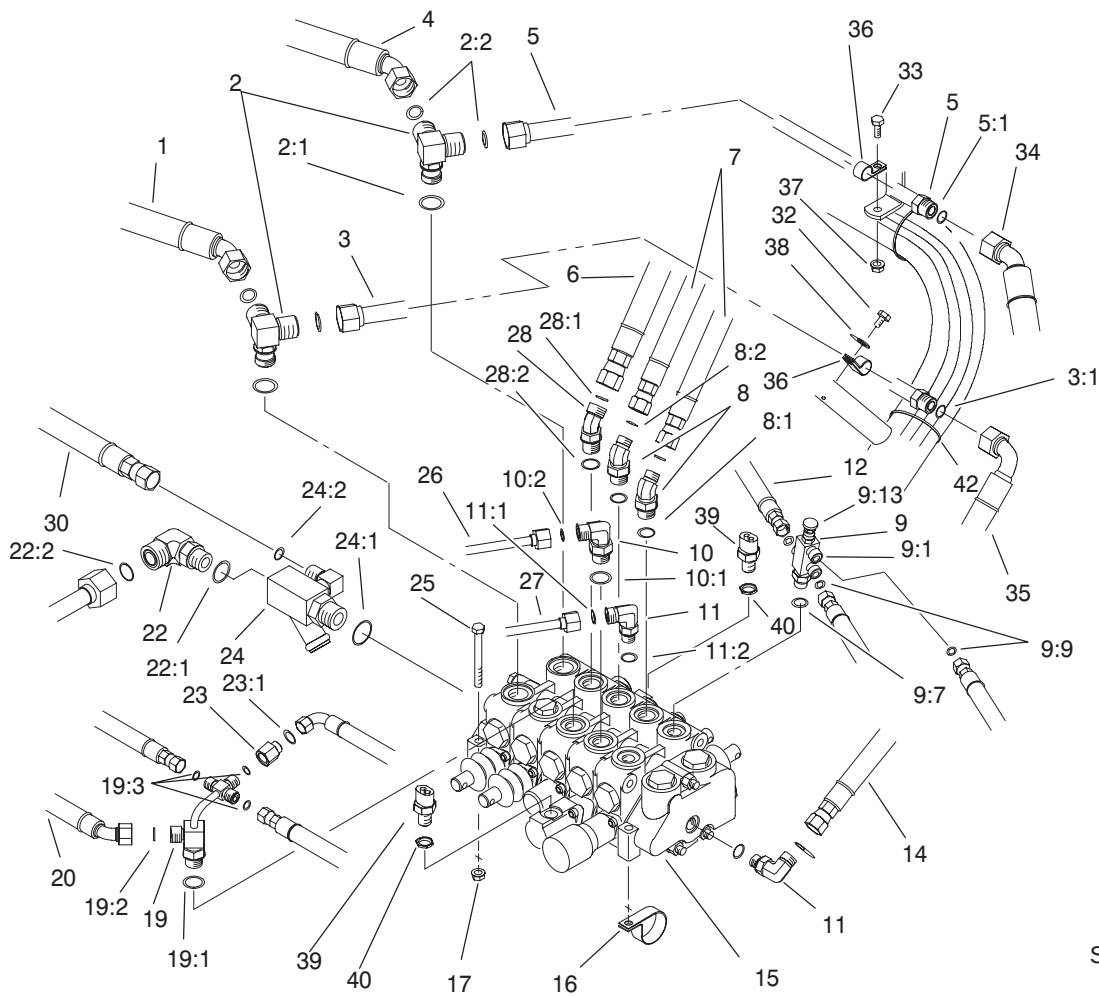
* Not illustrated



Sheet No.: 9
T-3363

Seat Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
28	95-7130	1	Decal – Service (Norwegian)
28	95-7131	1	Decal – Service (Finnish)
28	95-7132	1	Decal – Service (Danish)
28	95-7133	1	Decal – Service (Dutch)
28	95-7143	1	Decal – Service, Japanese

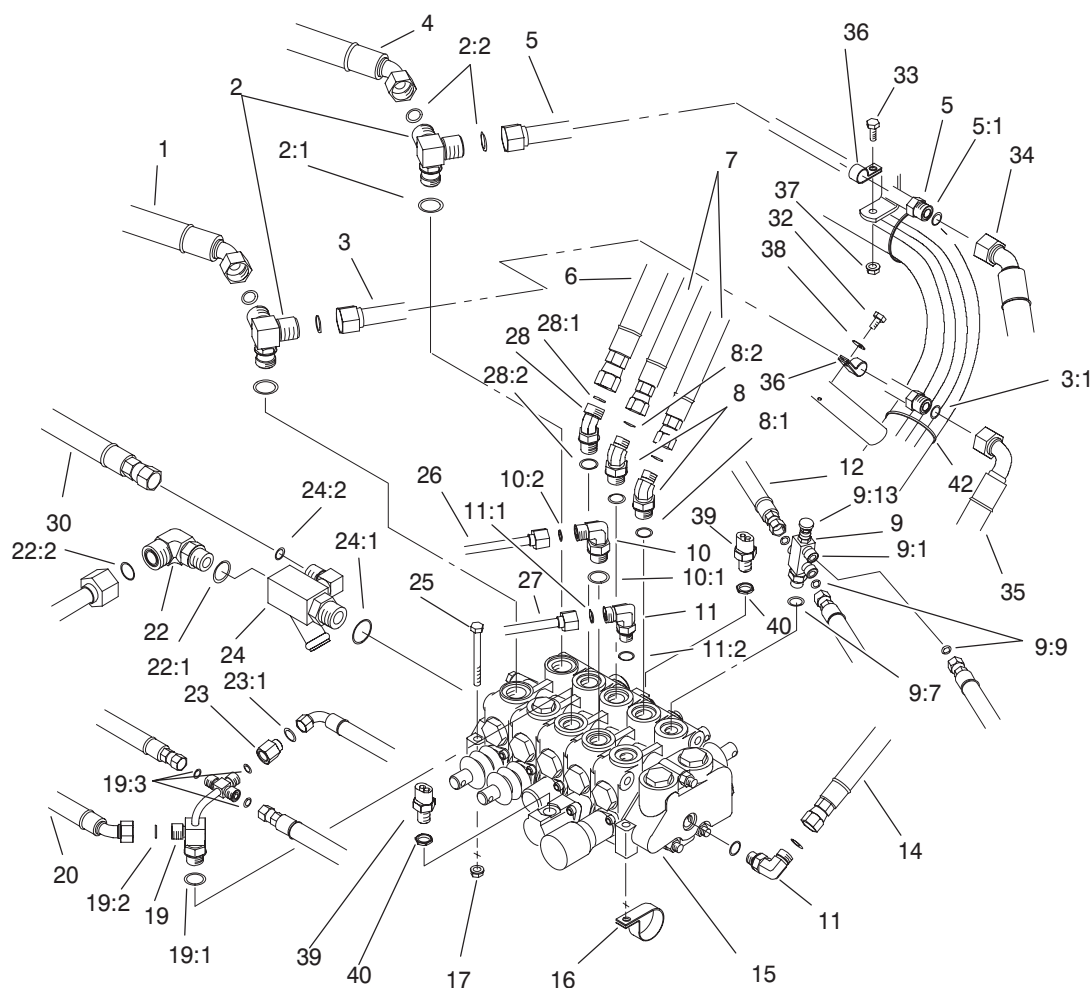


Sheet No.:10

Control Valve Installation Assembly

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

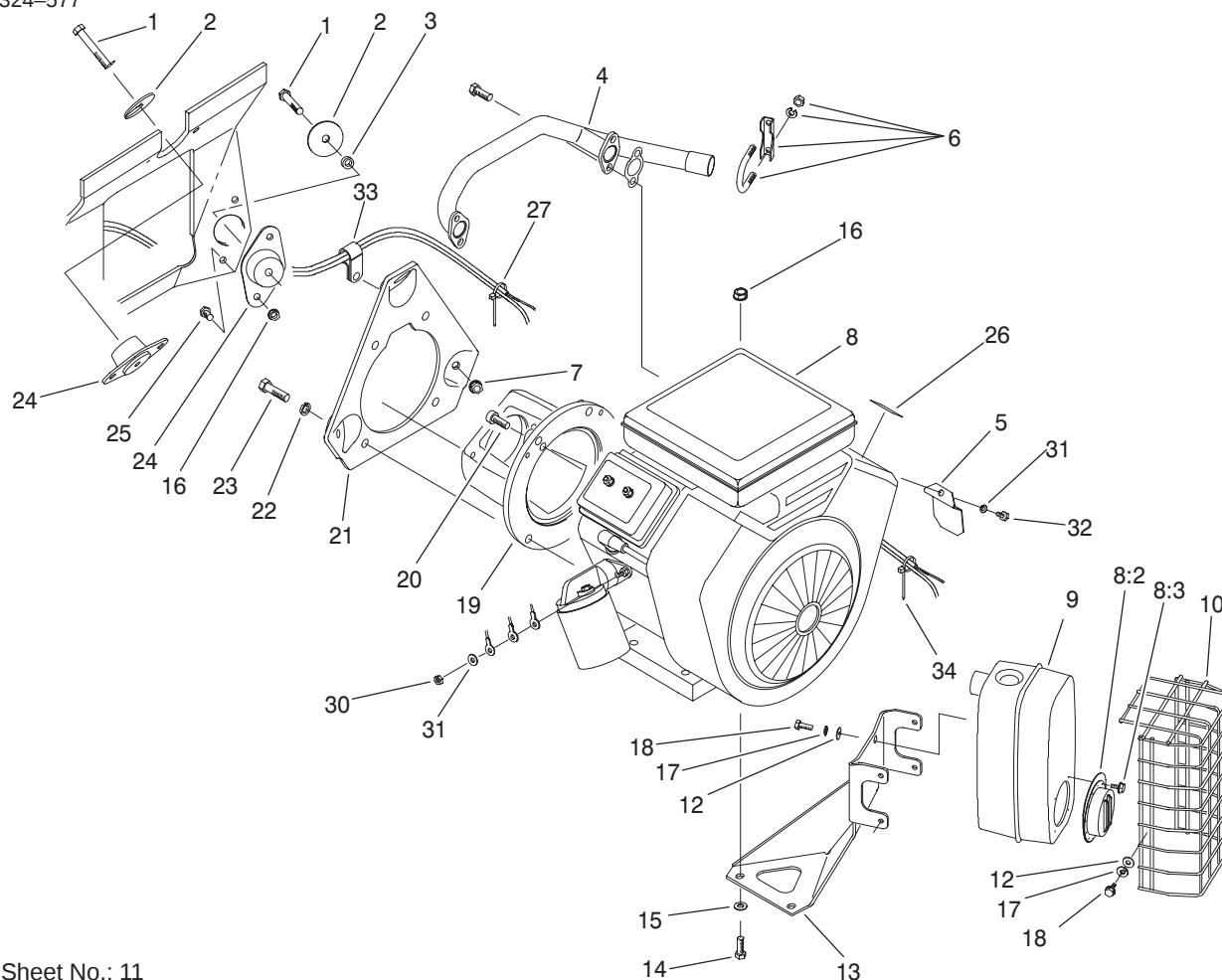
Ref. No.	Part No.	Qty.	Description
14	98-2150	1	Hose-Hydraulic
15	84-2203	1	Valve-Control, 5 Spool
16	304-61	1	Clamp-Hose
17	32128-20	3	Nut-HF
19	83-1670	1	Fitting ASM
19:1	237-79	1	O-Ring
19:2	237-22	1	O-Ring
19:3	237-21	3	O-Ring
20	95-5986	1	Hose-Hydraulic
22	340-16	1	Fitting-Hyd., 90°
22:1	237-80	1	O-Ring
22:2	237-58	1	O-Ring
23	71-0990	1	Orifice
23:1	237-21	1	O-Ring
24	63-4080	1	Manifold Fitting
24:1	237-81	1	O-Ring
24:2	237-30	1	O-Ring
25	322-14	3	Screw-HH
26	63-4030	1	Tube-Hydraulic
27	63-4020	1	Tube-Hydraulic



Sheet No.:10

Control Valve Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
28	340-101	1	Fitting
28:1	237-30	1	O-Ring
28:2	237-79	1	O-Ring
30	95-5987	1	Hose-Hydraulic
32	12-3270	1	Screw
33	3234-4	1	Screw-HHF
34	98-0648	1	Hydraulic Hose ASM
35	98-2153	1	Hydraulic Hose ASM
36	2412-41	2	Clamp
37	3296-16	1	Nut-Lock, NI
38	3256-22	1	Washer-Flat
39	83-1890	2	Switch-Ball
40	38-0410	2	Nut-Hex
42	3290-379	2	Tie-Cable

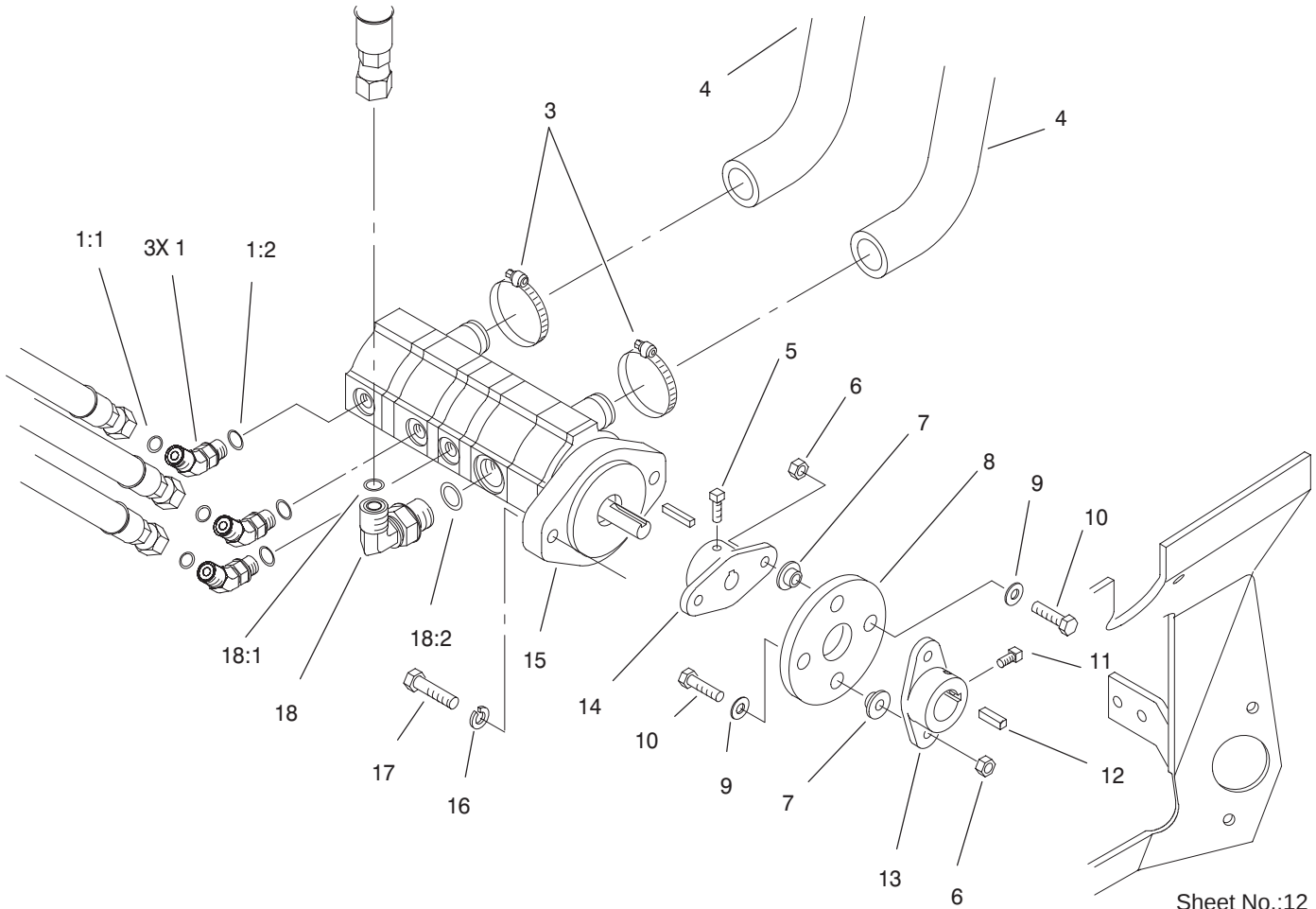


Sheet No.: 11

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	323-12	3	Screw-HH
2	83-1040	3	Washer – Flat
3	83-1050	2	Spacer
4	83-1080	1	Exhaust Manifold ASM
5	83-2310	1	Shield – Regulator
6	2112-11	1	Clamp-Muffler
7	3290-357	3	Nut-Flange, Lock
8	100-6424	1	Engine-16hp
8:2	83-2220	1	Deflector-Exhaust
8:3	83-2230	4	Screw-HH
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/Sp
18	49-2040	8	Screw-Taptite
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/Sp
23	324-7	4	Screw-HH
24	83-1030	3	Mount-Engine

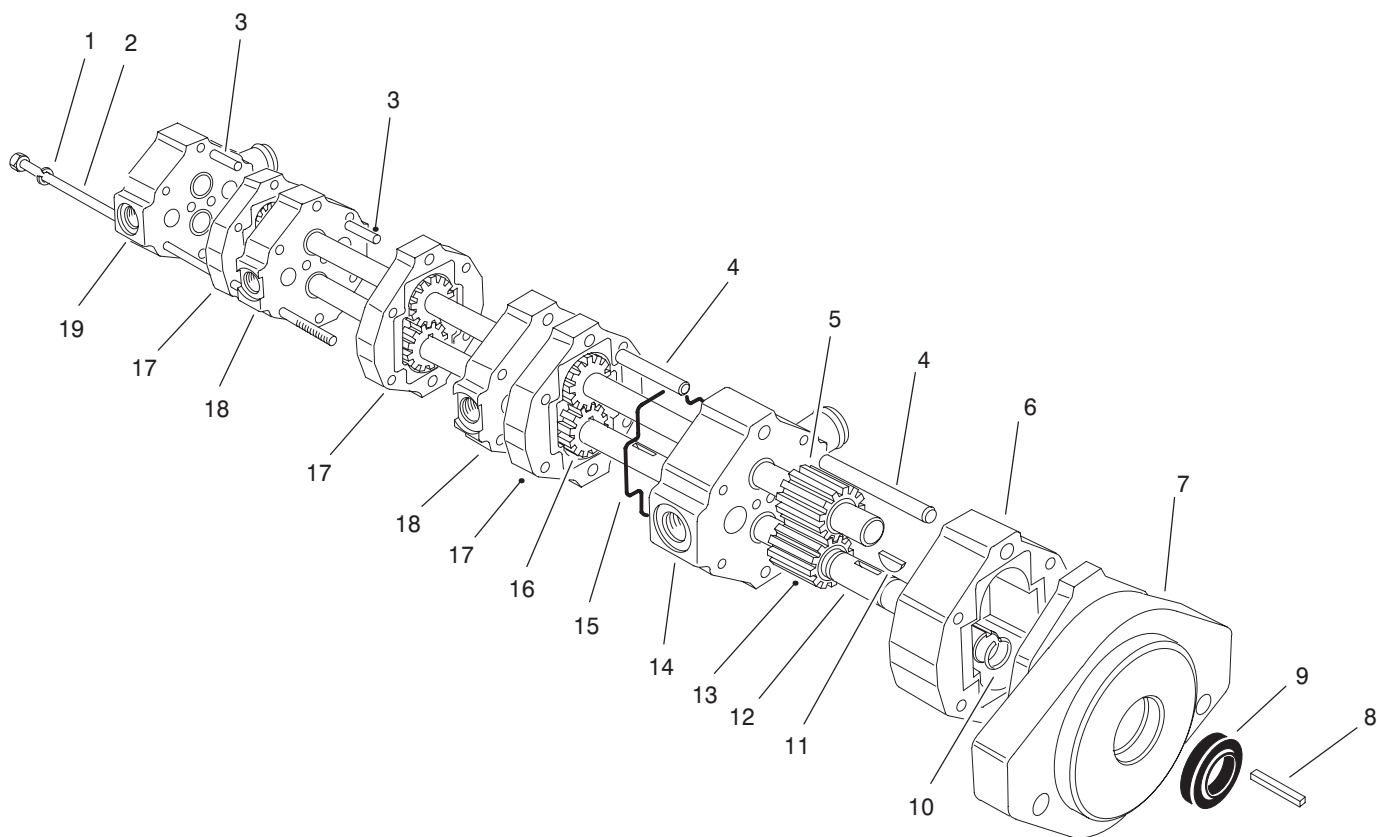
Ref. No.	Part No.	Qty.	Description
25	322-3	6	Screw-HH
26	93-8069	1	Decal-Surface, Hot
27	3290-379	1	Tie-Cable
30	43-2830	1	Nut-Hex
31	43-5930	2	Washer-Spring
32	33113-016	1	Screw-HH
33	2412-81	1	Clamp
34	3290-378	2	Tie-Cable



Hydraulic Pump Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	340-87	3	Fitting-45°
1:1	237-22	1	O-Ring
1:2	237-42	1	O-Ring
3	2412-34	2	Clamp-Hose
4	95-5966	2	Hose – Pump Inlet
5	3241-6	2	Screw-SQH
6	3296-29	4	Nut-Lock, NI
7	27-6600	4	Spacer-Coupling
8	44-2230	1	Coupling-Rubber
9	3256-23	4	Washer-Flat
10	322-6	4	Screw-HH

Ref. No.	Part No.	Qty.	Description
11	3241-2	2	Screw-SQH
12	10-7070	1	Key-Square
13	27-1960	1	Hub-Engine
14	27-1970	1	Hub-Pump
15	95-5976	1	Gear Pump – 4 Section
16	3253-21	2	Washer-Lock
17	323-8	2	Screw-HH
18	340-105	1	Fitting-90°
18:1	237-80	1	O-Ring
18:2	237-30	1	O-Ring



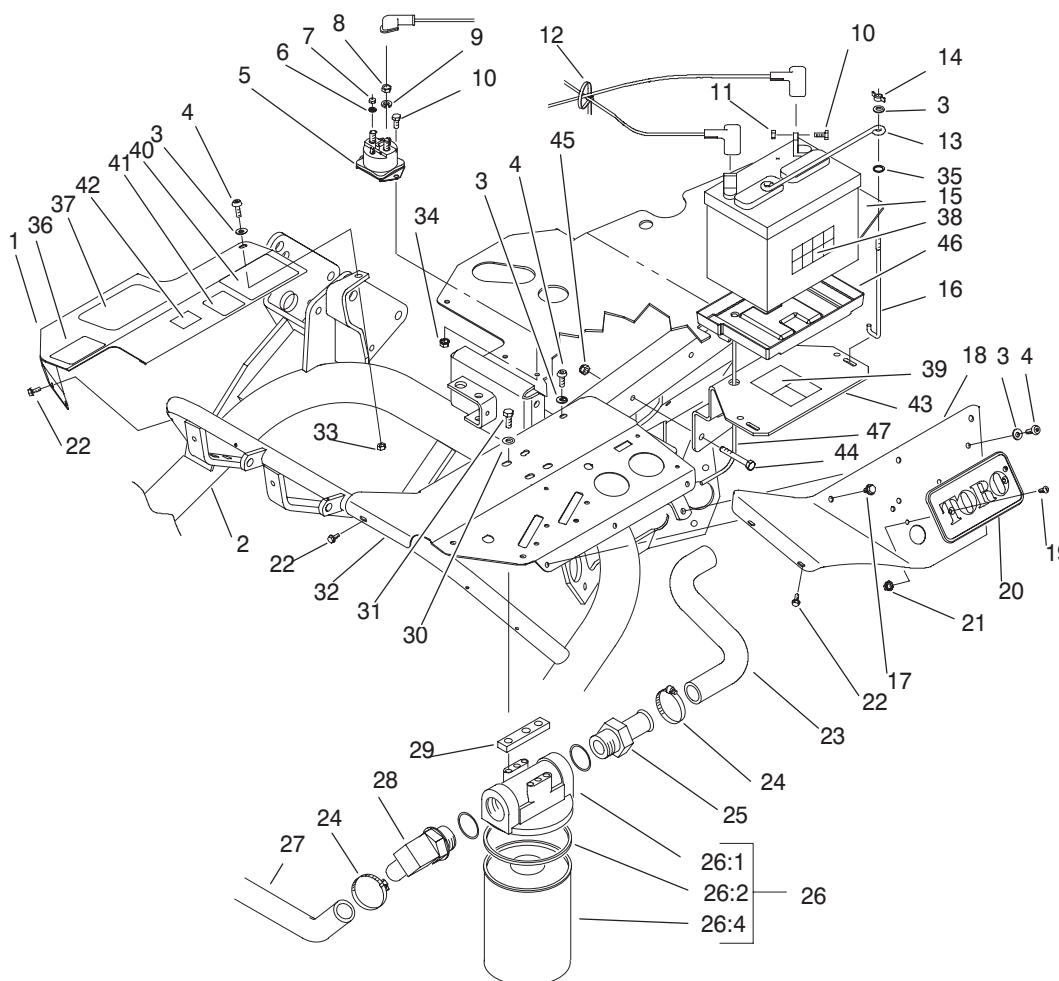
Sheet No.:A4

T-2699-2

Hydraulic Pump Assembly NO. 95-5976

Ref. No.	Part No.	Description	No. Used
1	354-16	Washer - Lock	4
2	98-0614	Stud - Threaded	4
3	354-11	Pin - Dowel	4
4	98-0610	Pin - Dowel	4
5	98-0608	Idler Shaft	1
6	353-919	Plate - Gear Pump B	1
7	98-0611	Body Assembly	1
8	5-0946	Key - Square	1
9	354-15	Seal - Shaft	1
10	353-886	Ring - Retaining	4
11	353-884	Key - Woodruff	5
12	98-0609	Shaft - Drive	1
13	92-9773	Gear - 59B	2
14	353-3	Bearing Plate Assembly	1
15	353-922	Seal - Ring	8
16	353-967	Gear - 33B	6
17	353-969	Plate - Gear 33B	3
18	98-0612	Bearing Plate Assembly	2
19	98-0613	Cover Assembly	1

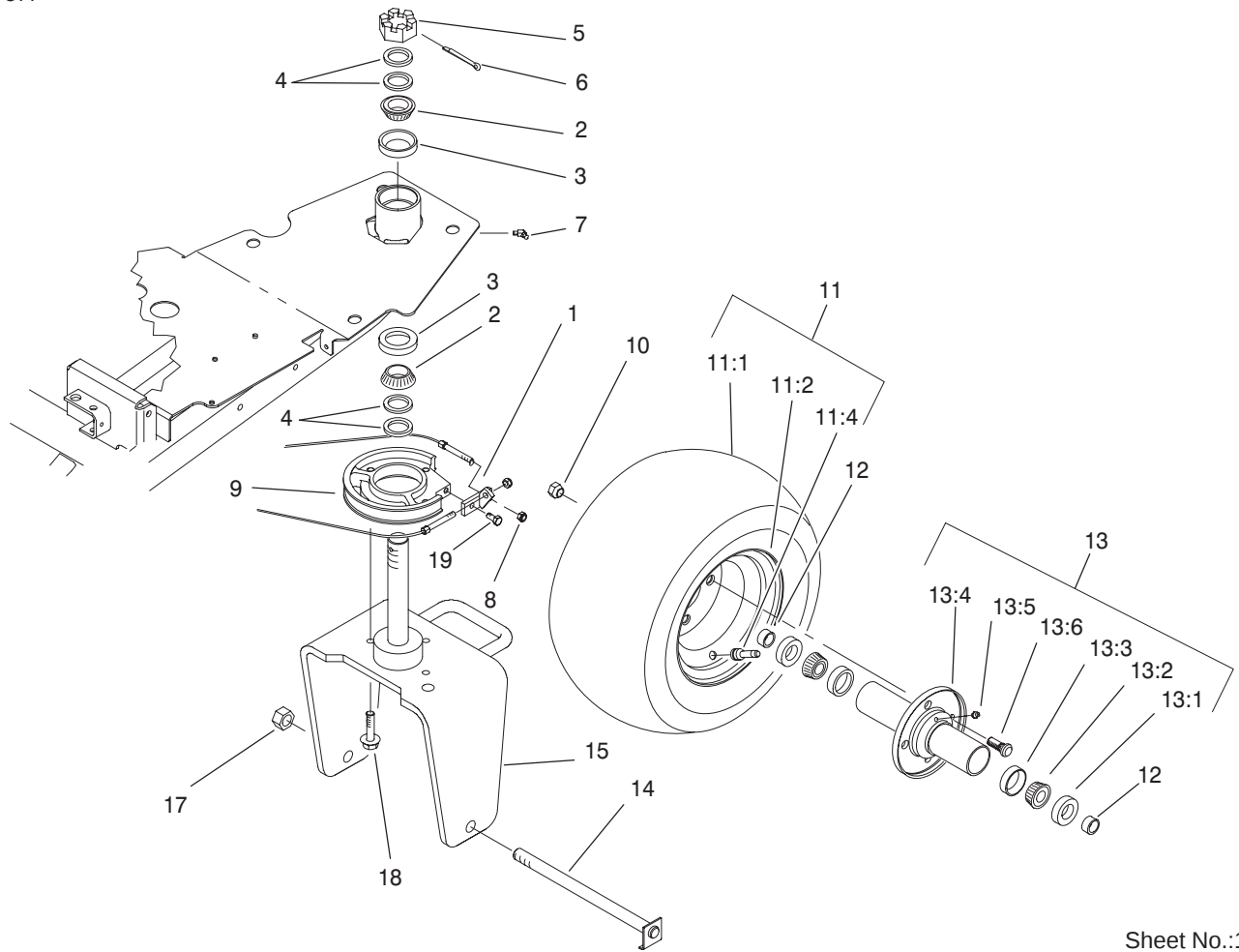
Ref. No.	Part No.	Description	No. Used



Sheet No.:13

Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	94-2694-01	1	Cover-RH	26	74-3600	1	Filter & Head ASM
2	95-5981-01	1	Frame ASM – Wa R	26:1	44-5560	1	Head-Filter, Oil
3	3256-22	5	Washer-Flat	26:2	72-3850	1	Seal-Filter, Oil
4	3274-69	3	Screw-HSBH	26:4	74-3570	1	Filter
5	28-4210	1	Solenoid	27	68-5880	1	Hose-Hydraulic
6	3254-1	2	Washer-Lock/Int	28	353-564	1	Fitting-90°
7	3219-14	2	Nut-Hex	29	27-2380	2	Spacer
8	3218-13	2	Nut-Jam	30	3256-23	4	Washer-Flat
9	3253-4	2	Washer	31	322-4	4	Screw-HH
10	321-3	4	Screw-HH	32	83-0830-01	1	Panel-Control, Upper
11	3217-5	2	Nut-Hex	33	3296-16	1	Nut-Lock, NI
12	3290-378	1	Tie-Cable	34	32149-2	2	Nut-Keps
13	72-4790	1	Hold Down-Battery	35	237-143	2	O-Ring
14	32103-12	2	Nut-Wing	36	93-8065	1	Decal-Traction
15	92-1677	1	Battery-Dry	37	67-1300	1	Decal – Toro
16	56-7720	2	Post-Battery	38	93-7276	1	Decal – Danger
17	46-8560	3	Screw-HHF	39	93-6668	1	Decal – Battery
18	83-0840-01	1	Shield-Cover, Valve	40	92-5524	1	Decal-Rating, Noise
19	3290-470	2	Screw-HSFH	41	63-9920	1	Decal-Level, Noise
20	61-3310	1	Plate-Logo	42	93-7252	1	Decal-International
21	32149-7	2	Nut-Keps	43	95-7122-03	1	Battery Base ASM
22	32104-76	5	Screw-Slot, Acorn	44	322-11	2	Screw-HH
23	95-7119	1	Hose – Return Line	45	3296-29	2	Nut-Lock, NI
24	2412-34	3	Clamp-Hose	46	106948	1	Tray-Battery
25	353-563	1	Fitting-Hydraulic, Straight	47	98-0601	1	Tube – Battery Drain



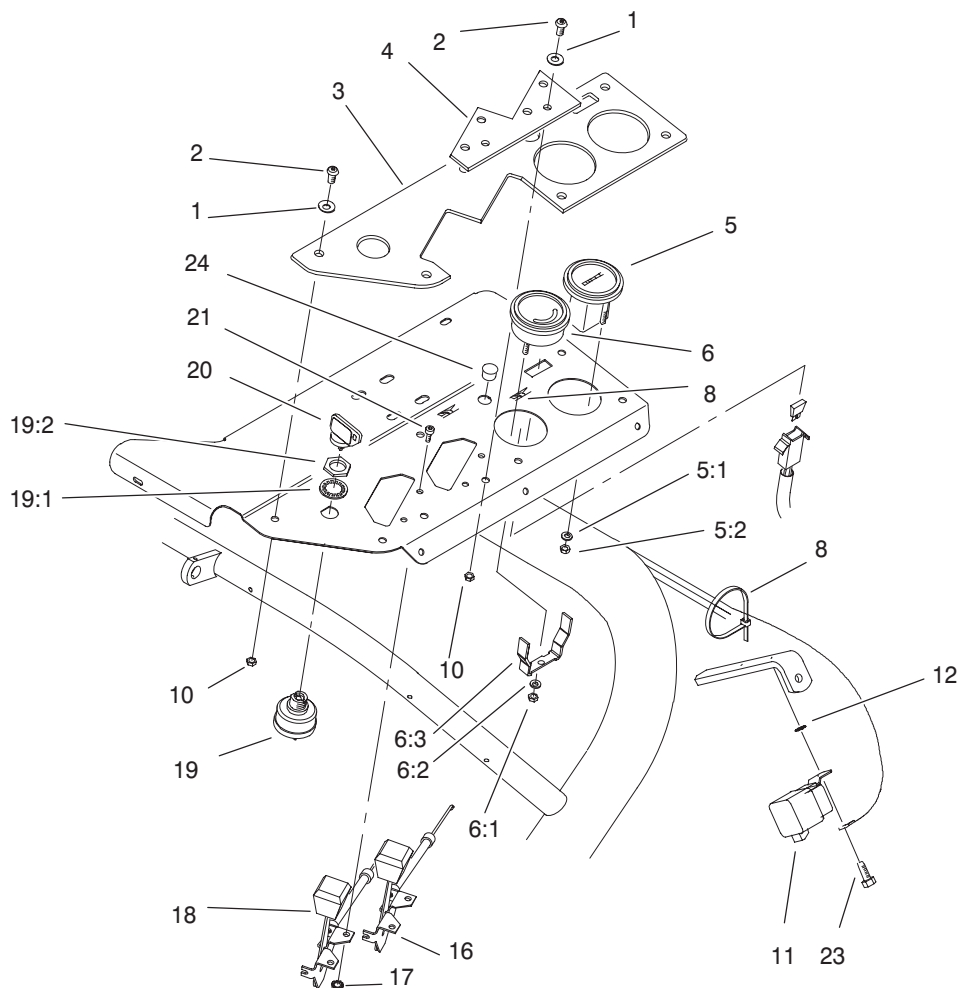
Sheet No.:14

Rear Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	95-5956	1	Cable Anchor ASM
2	254-70	2	Cone-Bearing
3	254-61	2	Cup-Bearing
4	18-6320	4	Washer-Steering
5	32136-9	1	Nut-Hex, Slot
6	3272-37	1	Pin-Cotter
7	302-11	1	Fitting-Lube, 45°
8	3296-4	2	Nut-Lock, NI
9	95-5955-01	1	Drum-Steering
10	242-50	4	Nut-Lug
11	10-6790	1	Wheel & Tire ASM
11:1	28-3680	1	Tire
11:2	217-60	1	Rim
11:4	232-24	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	Cone-Bearing
13:3	254-79	2	Bearing-Roller, Cup
13:4	75-9440	1	Hub ASM
13:5	302-55	1	Zerk
13:6	10-6830	4	Stud-Type, Drive
14	5-3934	1	Bolt-Caster
15	95-5952-01	1	Fork-Castor
17	3296-67	1	Nut-Lock NI

* Not illustrated

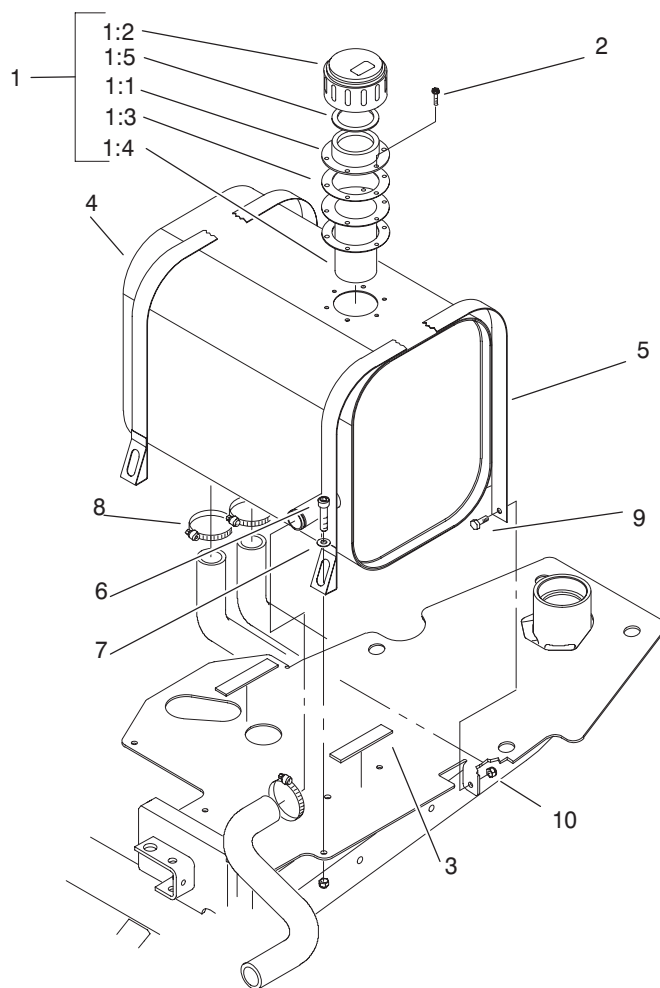
Ref. No.	Part No.	Qty.	Description
18	3234-24	3	Screw-HHF
19	322-3	1	Screw-HH



Sheet No.:15

Instrument Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	3256-1	8	Washer-Flat
2	3274-69	8	Screw-HSBH
3	93-8061	1	Panel - Control
4	83-2030	1	Plate-Filler
5	66-2950	1	Gauge-Hourmeter
5:1	3255-20	2	Washer-Lock, Ext. Tooth
5:2	3217-25	2	Nut-Hex
6	98-2160	1	Voltmeter
6:1	3217-27	1	Nut-Hex
6:2	3255-25	1	Washer-Lock/Ext
6:3	78-0080	1	Clamp-Mounting
8	3290-378	3	Tie-Cable
10	3296-16	8	Nut-Lock, NI
11	70-1480	1	Relay
12	3255-7	1	Washer-Lock/Ext
16	83-0040	1	Control - Choke
17	3296-27	4	Nut-Lock NI
18	83-0030	1	Control - Throttle
19	88-9830	1	Switch-Ignition
19:1	3254-5	1	Washer-Lock/Internal
19:2	218-461	1	Nut-HH
20	63-8360	2	Key-Ignition
21	3273-26	4	Screw-HSH
23	32104-95	1	Screw-HWH
24	2410-64	1	Plug-Button

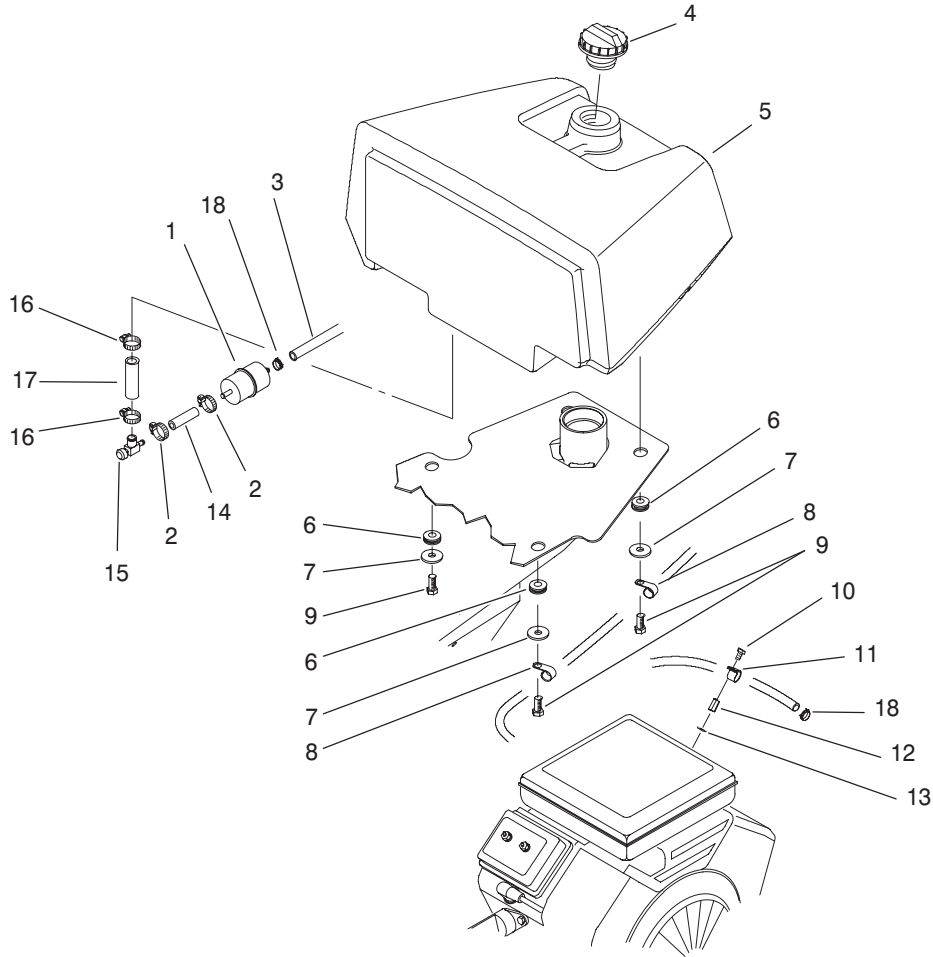


Sheet No.:16

Hydraulic Reservoir Assembly

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

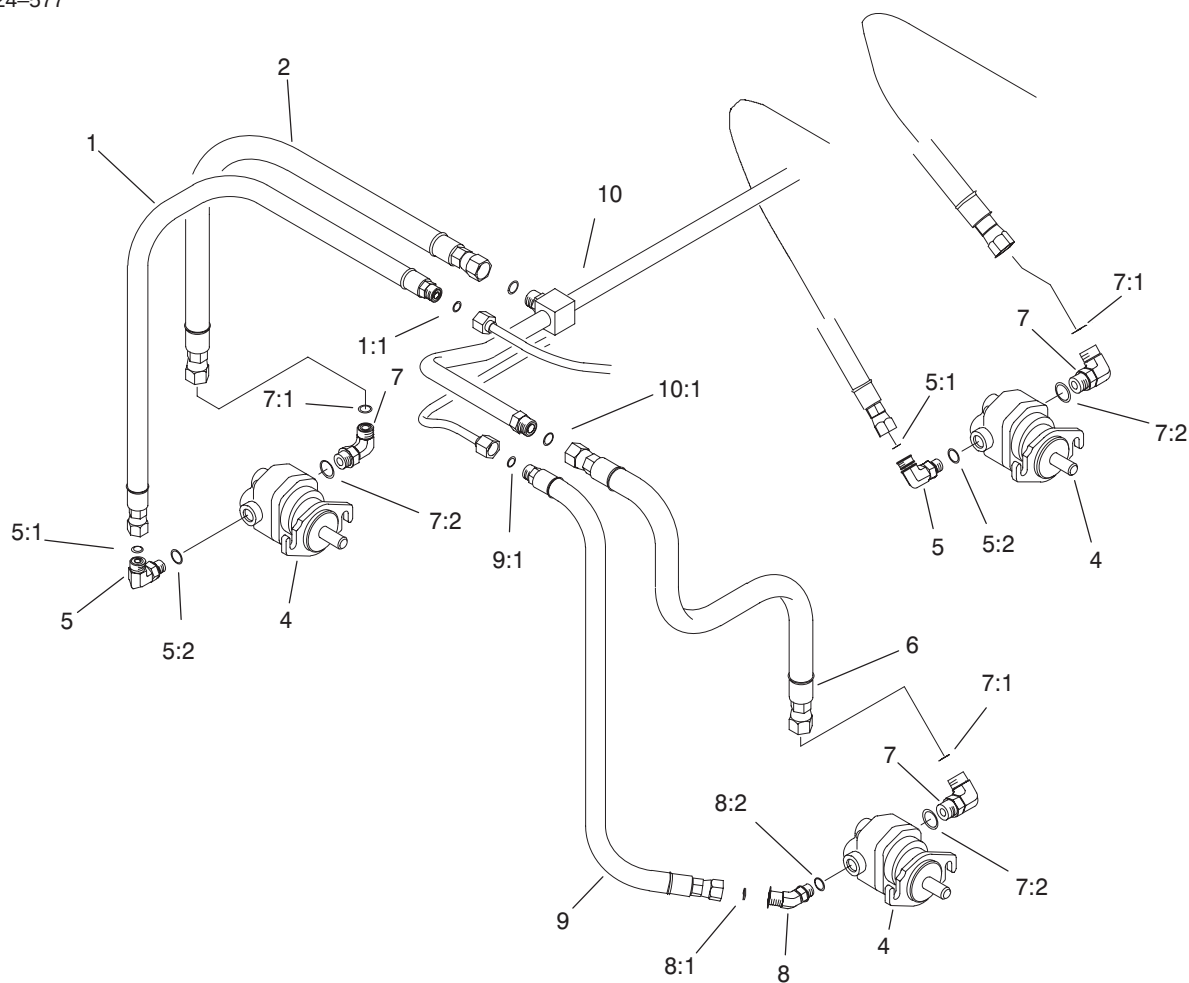
Ref. No.	Part No.	Qty.	Description



Sheet No.:17

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	94-2690	1	Filter-Fuel				
2	2412-108	2	Clamp-Worm				
3	83-2041	1	Hose-Fuel				
4	93-7170	1	Cap-Fuel				
5	92-7189	1	Tank - Gas				
6	240-11	4	Grommet-Mount, Tank				
7	63-8410	4	Washer				
8	2412-41	3	Clamp				
9	323-6	4	Screw-HH				
10	33113-012	1	Screw-HH				
11	2412-94	1	Clamp				
12	83-2200	1	Nut				
13	3256-63	1	Washer-Flat				
14	83-2040	1	Hose-Line, Gas				
15	83-1390	1	Fitting-Shut-Off, Fuel				
16	2412-36	2	Clamp-Hose				
17	56-2230	1	Hose-Fuel				
18	2412-98	2	Clamp				



Sheet No.:18

T-3372

Real Motor Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	95-5984	1	Hose-Hydraulic
1:1	237-22	1	O-Ring
2	95-5985	1	Hose-Hydraulic
4	94-3506	3	Motor-Reel
5	340-77	2	Fitting-90°
5:1	237-22	2	O-Ring
5:2	237-42	2	O-Ring
6	95-5989	1	Hose-Hydraulic
7	340-98	3	Fitting-90°
7:1	237-79	3	O-Ring
7:2	237-30	3	O-Ring
8	340-87	1	Fitting-45°
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	95-5988	1	Hose-Hydraulic
9:1	237-22	1	O-Ring
10	100-6431	1	Tube-Return
10:1	237-30	2	O-Ring

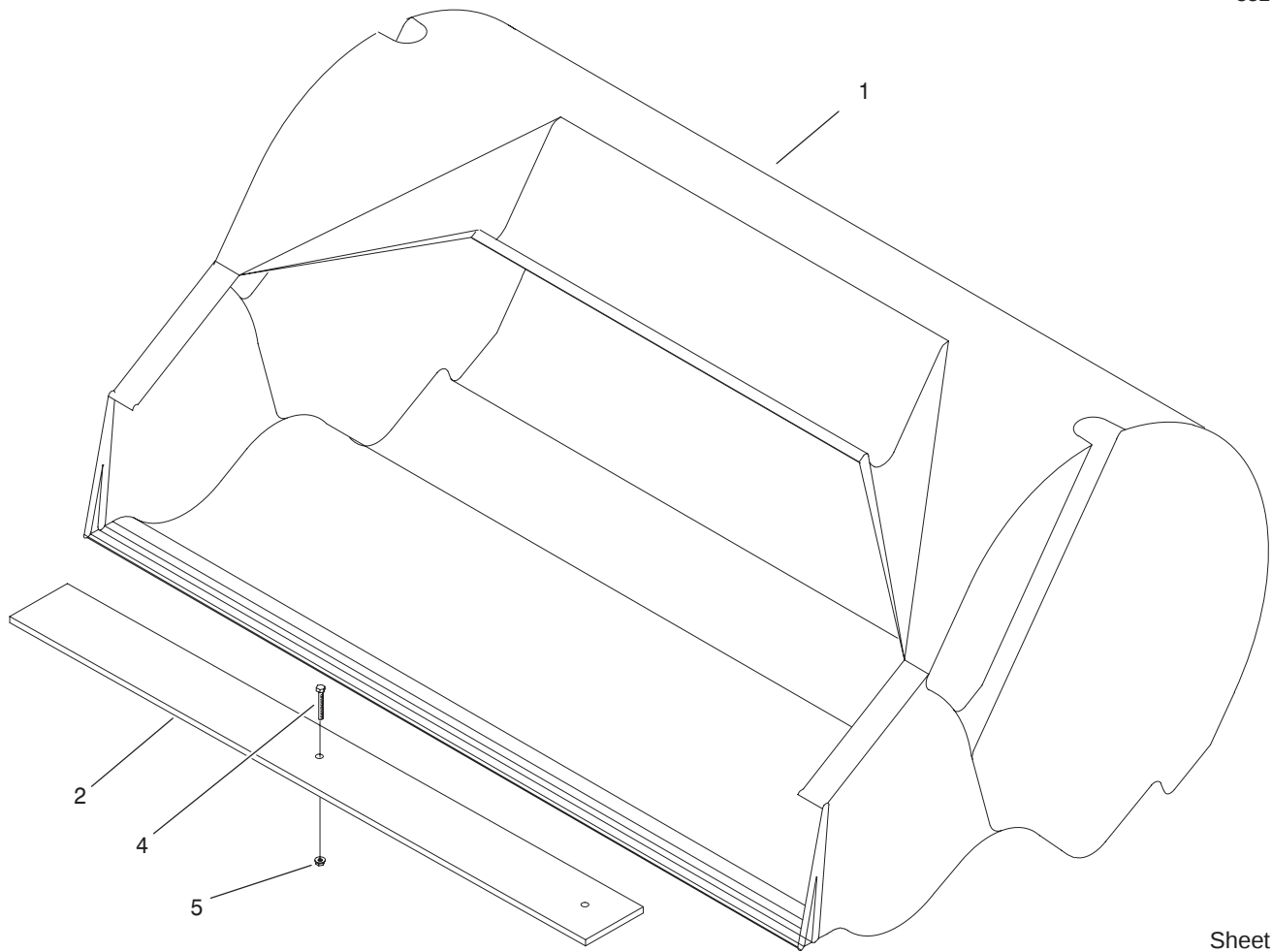
Ref. No.	Part No.	Qty.	Description



Ref. No.	Part No.	Qty.	Description
1	98-2163	1	Harness-Wire, Main
3	98-2161	1	Wire ASM
4	95-7144	1	Cable ASM – Positive
*4:2	28-8080	1	Boot-Terminal
*4:3	83-2430	1	Boot – Terminal
5	98-0604	1	Cable ASM – Negative
*5:2	98-0603	1	Boot – Terminal
6	83-1150	1	Engine Ground Wire ASM

Ref. No.	Part No.	Qty.	Description

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Sheet No.:20

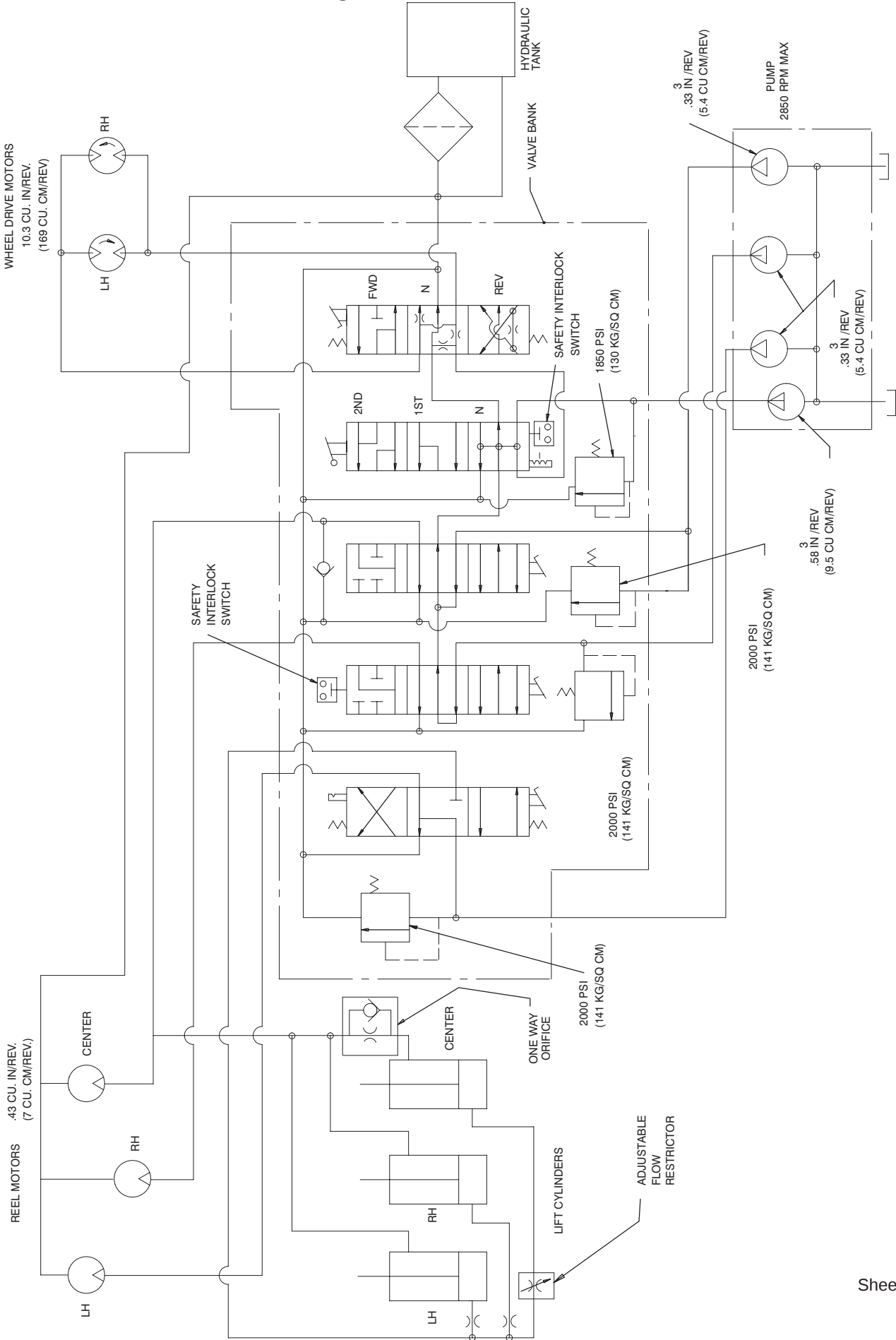
Grass Basket & Miscellaneous Parts

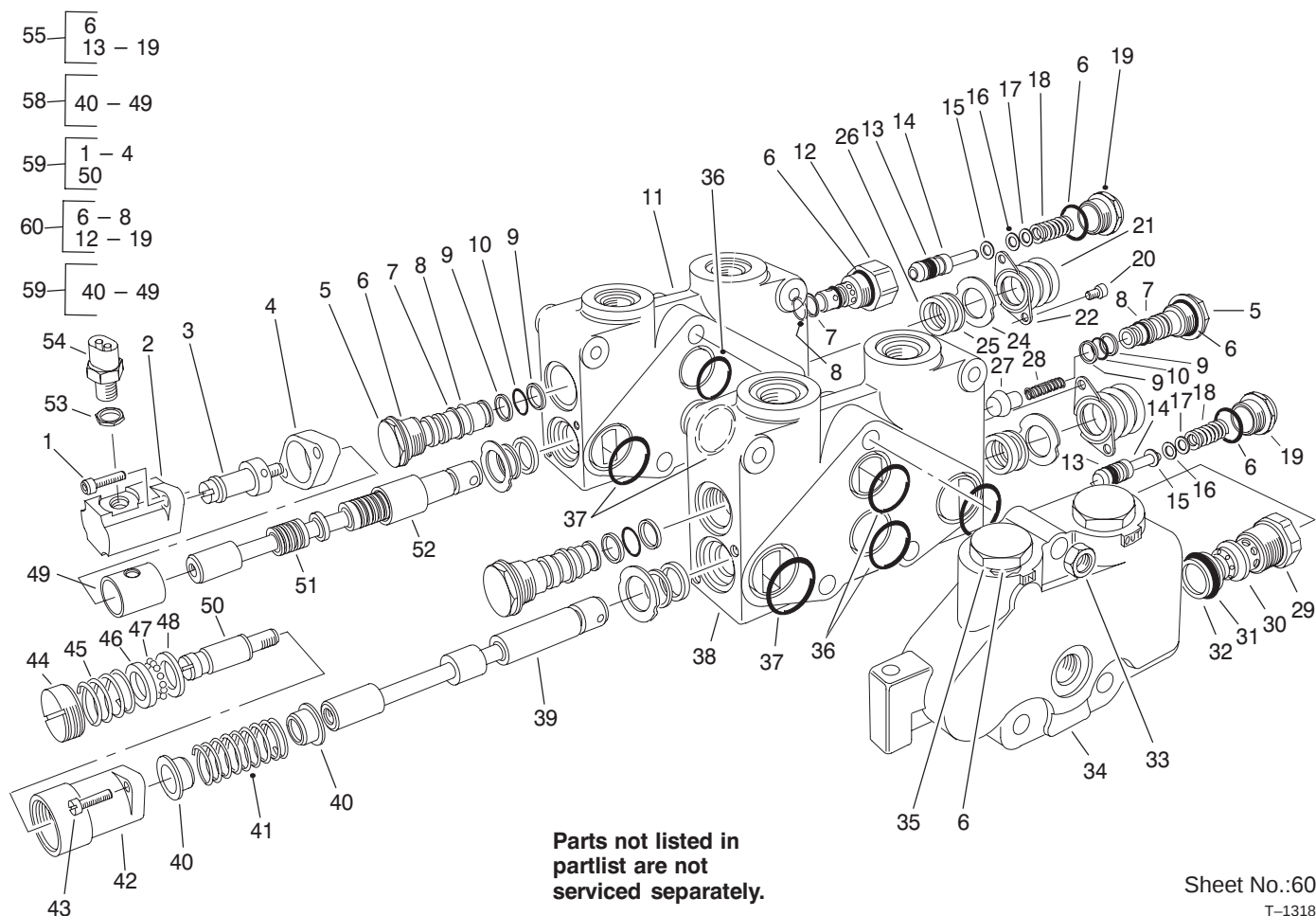
Ref. No.	Part No.	Qty.	Description
1	37-8130	3	Basket-Grass
2	65-8320	1	Bar-Gauge
*3	93-6691	3	Decal-Bolt, Eccentric
4	32122-22	1	Screw-HH
5	3219-14	1	Nut-Hex
*6	3290-379	3	Tie-Cable
*7	3290-378	1	Tie-cable

Ref. No.	Part No.	Qty.	Description

* Not illustrated

Hydraulic Schematic





Sheet No.:60

T-1318

Control Valve Assembly No. 84-2203 (Sections 1 & 2)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3274-70	2	Screw-HSH	29	353-331	1	O-Ring Seal
2	353-727	1	Special Bonnet	30	353-760	1	Body Relief
3	353-729	1	Detent Stud	31	353-758	1	O-Ring Seal
4	353-733	1	Bonnet Spacer	32	353-952	1	Back-Up Seal
5	353-481	3	Lift Check ASM	33	3217-7	3	Nut-Hex
6	237-54	8	O-Ring	34	353-772	1	Left Cover
7	353-306	4	Backup Washer	35	353-721	2	Plug
8	353-305	4	O-Ring	40	353-417	2	Stop Collar
9	353-303	6	Backup Washer	41	99-6850	1	Spring-Compression
10	353-302	3	O-Ring	42	99-8181	1	Bonnet-R Det
12	353-851	1	Relief Body	43	3274-15	2	Screw-HSH
13	353-392	2	Piston Ring	44	353-763	1	Adj Cap
14	353-531	2	Poppet & Ring ASM	45	99-1475	1	Spring - Compression
15	353-328	2	.040 Shim	46	42-2680	1	Ball Race
16	353-329	2	.020 Shim	47	52-5880	12	Detent Ball
17	353-330	2	.010 Shim	48	354-29	1	Trust Plate
18	353-855	2	Spring	49	353-728	1	Sleeve
19	353-334	2	Relief Cap	50	353-762	1	Spud - Det Out
20	3274-52	4	Screw-HSH	52	353-732	1	Detent Sleeve
21	353-575	2	Boot	53	38-0410	1	Nut-Hex
22	93-3651	2	Retainer - Boot	54	83-1890	1	Switch-Ball
24	92-2547	4	Seal - Retainer	55	353-766	1	Relief Cart
25	92-2546	4	Wiper - Seal	56	99-8182	1	Sec 1-V20c Spl ASM
26	353-957	4	Seal Cup	57	353-837	1	Section #2
27	353-301	1	Poppet Lift Check	58	99-8180	1	Positioner-R Det
28	353-304	1	Lift Check Spring				O/Asy

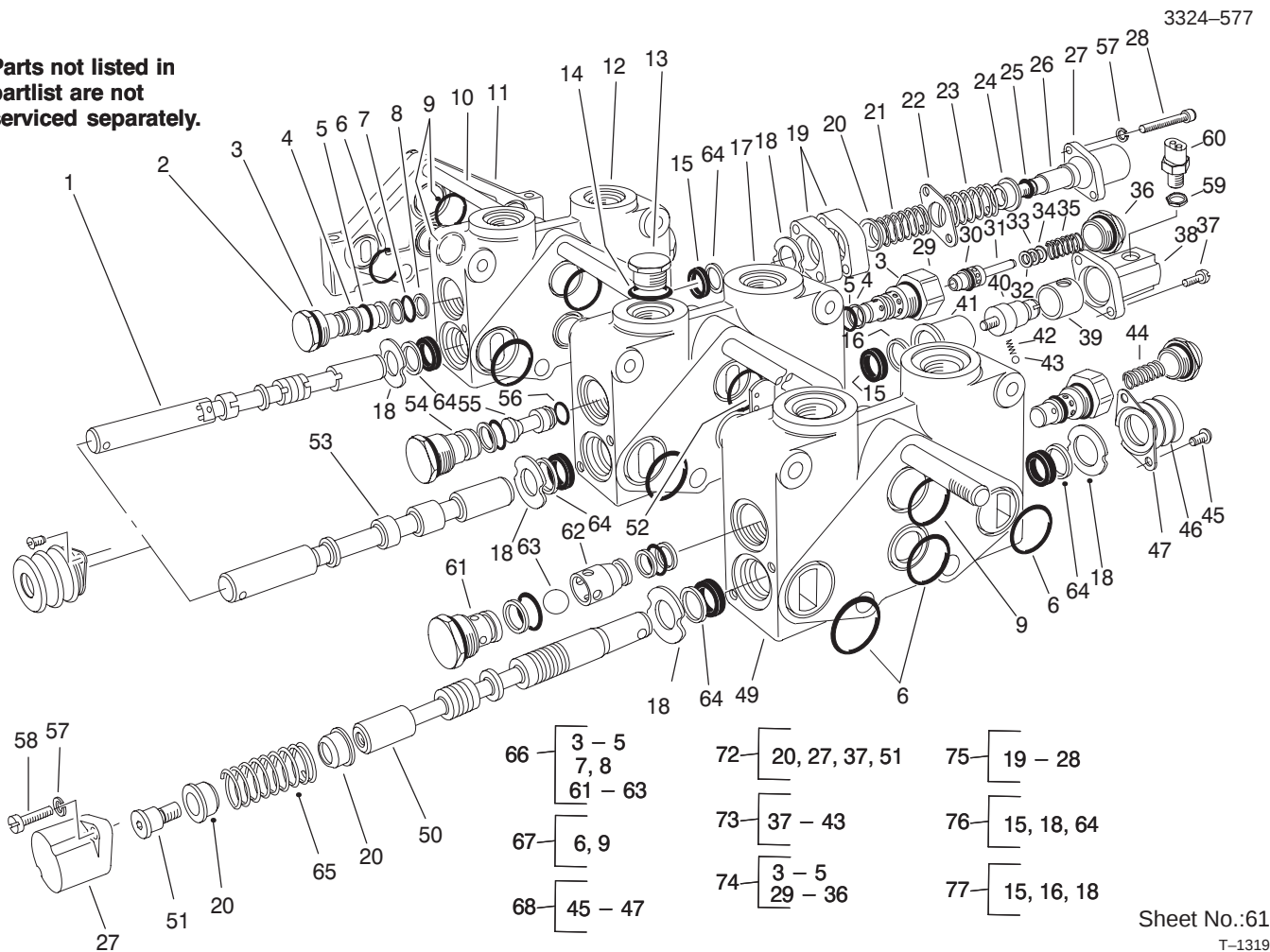
59— 40 – 49



Control Valve Assembly No. 84-2203 (Sections 1 & 2) (Continued)

Ref. No.	Part No.	Qty.	Description

Parts not listed in
partlist are not
serviced separately.

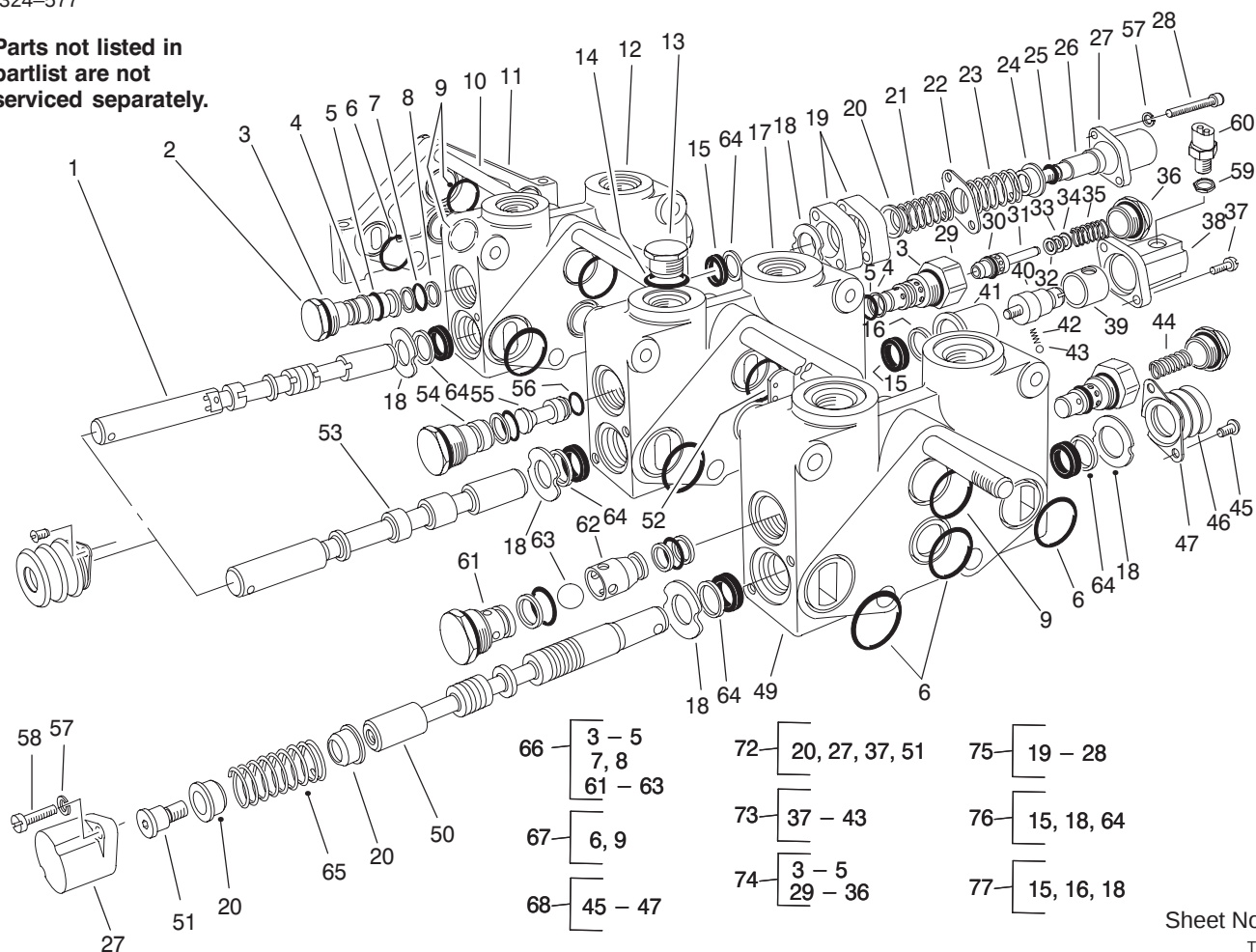


Control Valve Assembly No. 84-2203 (Sections 3 Thru 5)

Ref. No.	Part No.	Qty.	Description
1	94-5434	1	Spool
2	353-481	3	Lift Check ASM
3	237-54	6	O-Ring
4	353-306	5	Backup Washer
5	353-305	5	O-Ring
7	353-302	3	O-Ring
8	353-303	6	Backup Washer
10	353-853	3	Bolt
11	353-668	1	Cover Plate
13	353-550	1	Plug-Hydraulic
13:1	237-79	1	O-Ring
14	353-848	1	O-Ring
15	353-957	6	Seal Cup
16	353-958	1	Washer
18	92-2547	5	Seal - Retainer
19	353-733	2	Bonnet Spacer
20	353-417	3	Stop Collar
21	353-831	1	Spring
22	353-529	1	Plate - Seal Retainer
23	92-3148	1	Spring - Traction
24	353-808	1	Spring Collar
25	353-830	1	O-Ring Seal
26	94-4248	1	Spool Collar
27	99-6895	2	Bonnet
28	354-28	2	Hex Socket Screw
29	353-851	2	Relief Body

Ref. No.	Part No.	Qty.	Description
30	353-392	2	Piston Ring
31	353-531	2	Poppet & Ring ASM
32	353-328	2	.040 Shim
33	353-329	2	.020 Shim
34	353-330	2	.010 Shim
35	353-398	1	Spring
36	353-334	2	Relief Cap
37	52-5900	4	Screw
38	353-847	1	Bonnet
39	353-849	1	Sleeve
40	353-846	1	Spud
41	353-845	1	Detent Sleeve
42	353-730	1	Spring
43	353-731	1	1/4 Dia Ball
44	353-855	1	Spring
45	3274-52	6	Screw-HSH
46	353-575	3	Boot
47	93-3651	3	Retainer - Boot
51	52-5860	1	Spool Collar
52	354-122	1	Disc-Seal
54	353-953	1	Plug ASM
55	353-844	1	Plug
56	353-850	1	O-Ring Seal
57	3253-3	4	Washer-Lock/Sp
58	3274-84	4	Screw-HSH
59	38-0410	1	Nut-Hex

**Parts not listed in
partlist are not
serviced separately.**



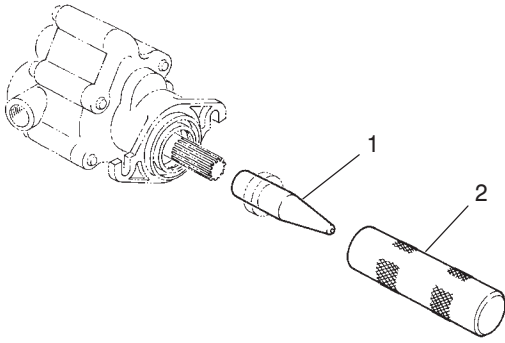
Control Valve Assembly No. 84-2203 (Sections 3 Thru 5) (Continued)

Ref. No.	Part No.	Qty.	Description
60	83-1890	1	Switch-Ball
61	353-483	1	Check Body
62	353-484	1	Check Ball Return
63	353-737	1	Check Ball
64	92-2546	5	Wiper - Seal
65	99-6850	1	Spring-Compression
66	354-129	1	Anticavitation Ck Assy
67	353-835	1	Section Seal
68	93-3652	3	Dust Boot
69	99-8183	1	Sec 3-V20t ASM
70	354-25	1	Valve Sect 4
71	93-1386	1	Section - 5 Pump ASM
72	353-841	1	Spool Position ASM
73	353-840	1	Bonnet ASM
74	353-642	1	Relief Cartridge
75	353-833	1	Positioner ASM
76	92-2548	1	Kit - Spool Set
77	92-2549	1	Kit - Spool Set
78	92-2545	1	Kit - Spool Set

Ref. No.	Part No.	Qty.	Description

SPECIAL TOOLS

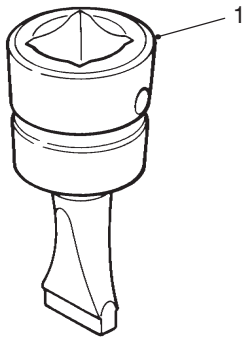
REEL MOTOR SEAL INSTALLATION TOOLS



T-0727

Ref. No.	Part No.	Qty.	Description
1	TOR491430	1	Protector—Seal
2	TOR491450	1	Installer—Seal

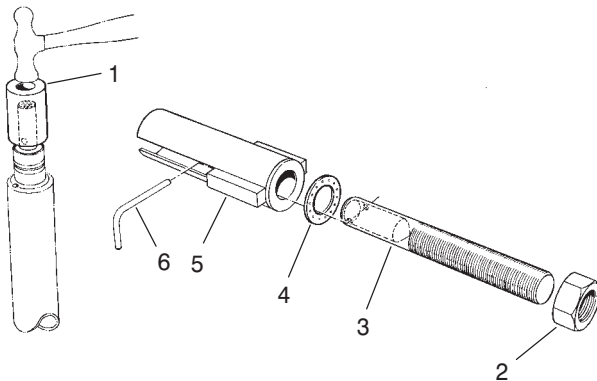
BED KNIFE SCREW TOOL NO. TOR510880



T-0729

Ref. No.	Part No.	Qty.	Description
1		1	Tool—Bed Knife Screw

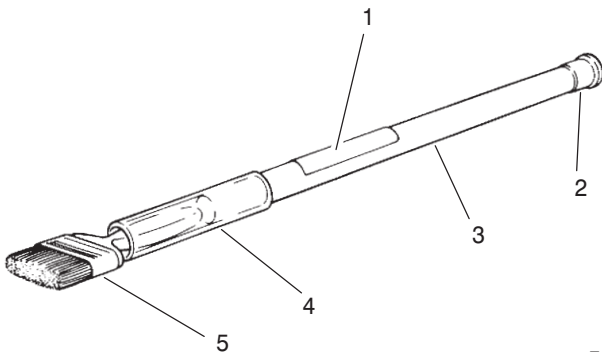
BEARING REPLACEMENT TOOL KIT NO. TOR238900



T-0730

Ref. No.	Part No.	Qty.	Description
1	23-8880	2	Driver—Bearing
2	3219-18	1	Nut—Hex
3	23-8840	1	Puller—Bolt
4	22-6090	1	Washer—Thrust
5	23-8850	1	Tube—Support
6	23-8860	1	Pin—Replacement, Bearing

BACKLAPPING BRUSH ASSEMBLY NO. 29-9100



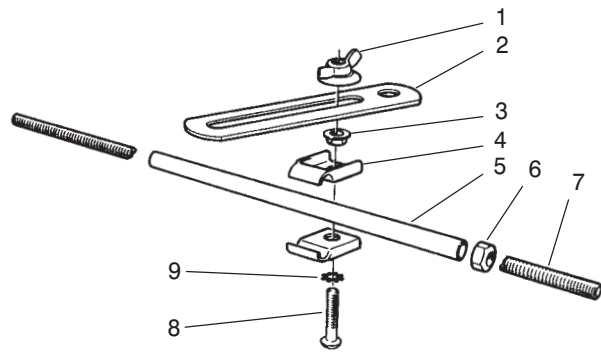
T-0731

Ref. No.	Part No.	Qty.	Description
1	12-9140	1	Decal
2	2410-18	1	Plug
3	29-9080	1	Handle
4	29-9090	1	Hose—Handle
5	36-4310	1	Brush

Note: Special tools may be ordered from: Owatonna Tool Company 2013 4th St. NW Owatonna, MN 55060

SPECIAL TOOLS (Continued)

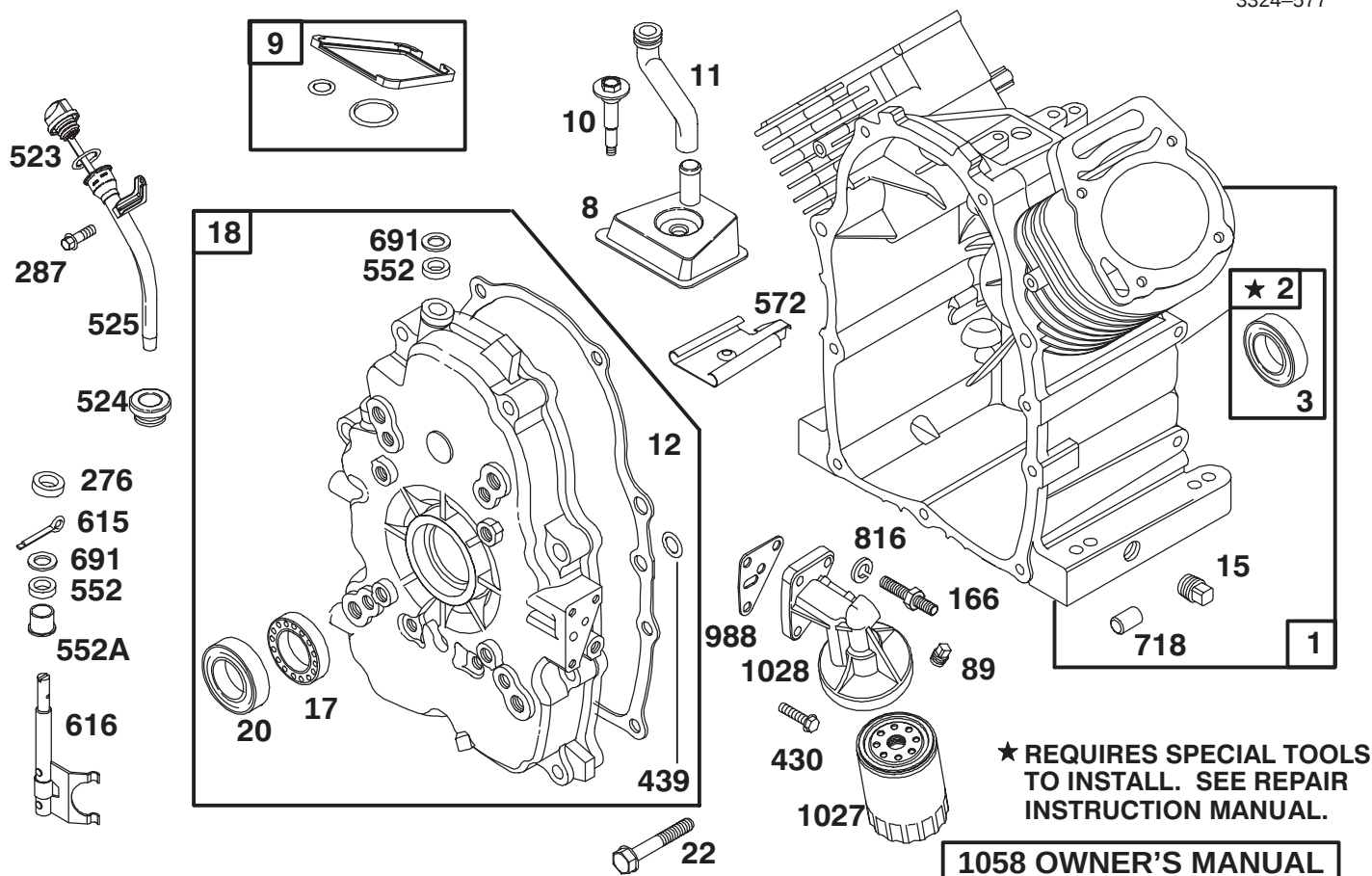
ALIGNMENT TOOL NO. TOR200120



T-0732

Ref. No.	Part No.	Qty.	Description
1	3-4808	1	Nut-Wingl
2	20-0110	1	Bracket-Alignment
3	32123-20	1	Nut-Lock, Flange
4	3-6657	2	Clip-Skid
5	20-0070	1	Tube
6	3219-2	1	Nut-Hex
7	20-0080	1	Rod
8	32122-35	1	Screw-Head, Truss
9	3255-8	1	Washer-Lock, Int. Tooth

Note: Special tools may be ordered from: Owatonna Tool Company
2013 4th St. NW
Owatonna, MN 55060



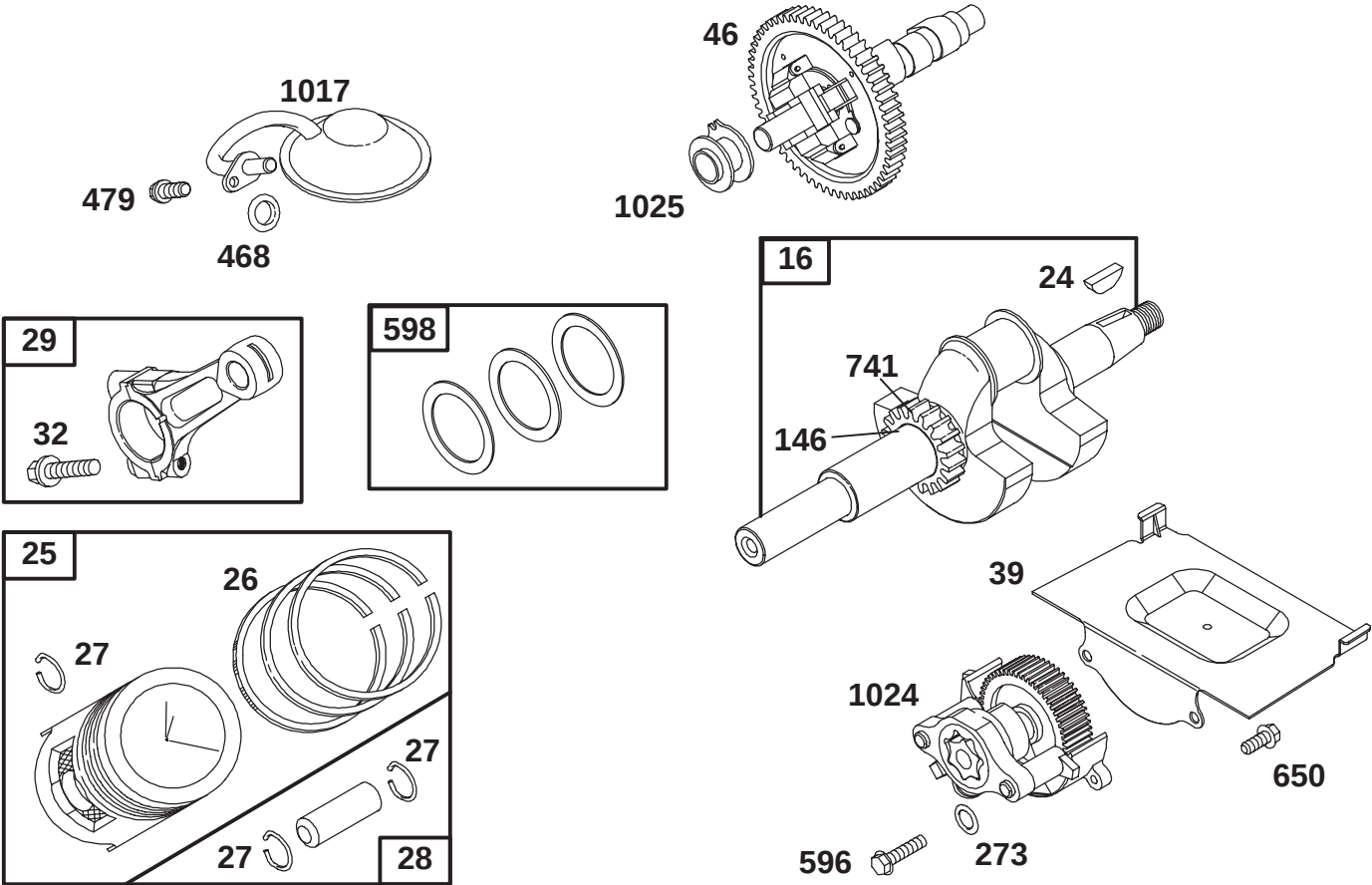
Assemblies include all parts shown in frames.

Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
1	692178	1	Cylinder Assembly
2	808534	1	Cylinder Bearing
*3	805101	1	Oil Seal (Magneto Side)
8	807795	1	Breather Assembly
*9	807688	1	Breather Gasket
10	805751	1	Screw
11	806083	1	Breather Tube
12	806100	1	Crankcase Cover Gasket
15	94239	1	Oil Drain Plug
17	805754	1	Ball Bearing
18	808847	1	Crankcase Cover
*20	805049	1	Oil Seal (PTO Side)
22	692540	1	Screw (Crankcase Cover)
89	690283	1	Pipe Plug
166	805073	1	Oil Filter Adapter Stud
276	690704	1	Governor Shaft Washer
287	805247	1	Screw (Dipstick Tube)
430	690679	1	Screw (Oil Filter Adapter)
439	692154	1	O-Ring (Crankcase Cover)
523	693175	1	Dipstick

Ref. No.	Part No.	Qty.	Description
*524	693172	1	Dipstick Tube Seal
525	693174	1	Dipstick Tube
552	690701	1	Governor Shaft Bushing
552A	805413	1	Governor Shaft Bushing
572	690686	1	Breather Baffle
615	691550	1	Cotter Pin
616	806685	1	Governor Fork
*691	690680	1	Governor Shaft Seal
718	690684	1	Crankcase Dowel
816	690706	1	Washer
*988	805250	1	Oil Filter Adapter Gasket
1027	492932	1	Oil Filter
1028	808325	1	Oil Filter Adapter
1058	273685	1	Owner's Manual

* Included in Gasket Set – Part No. 808390.



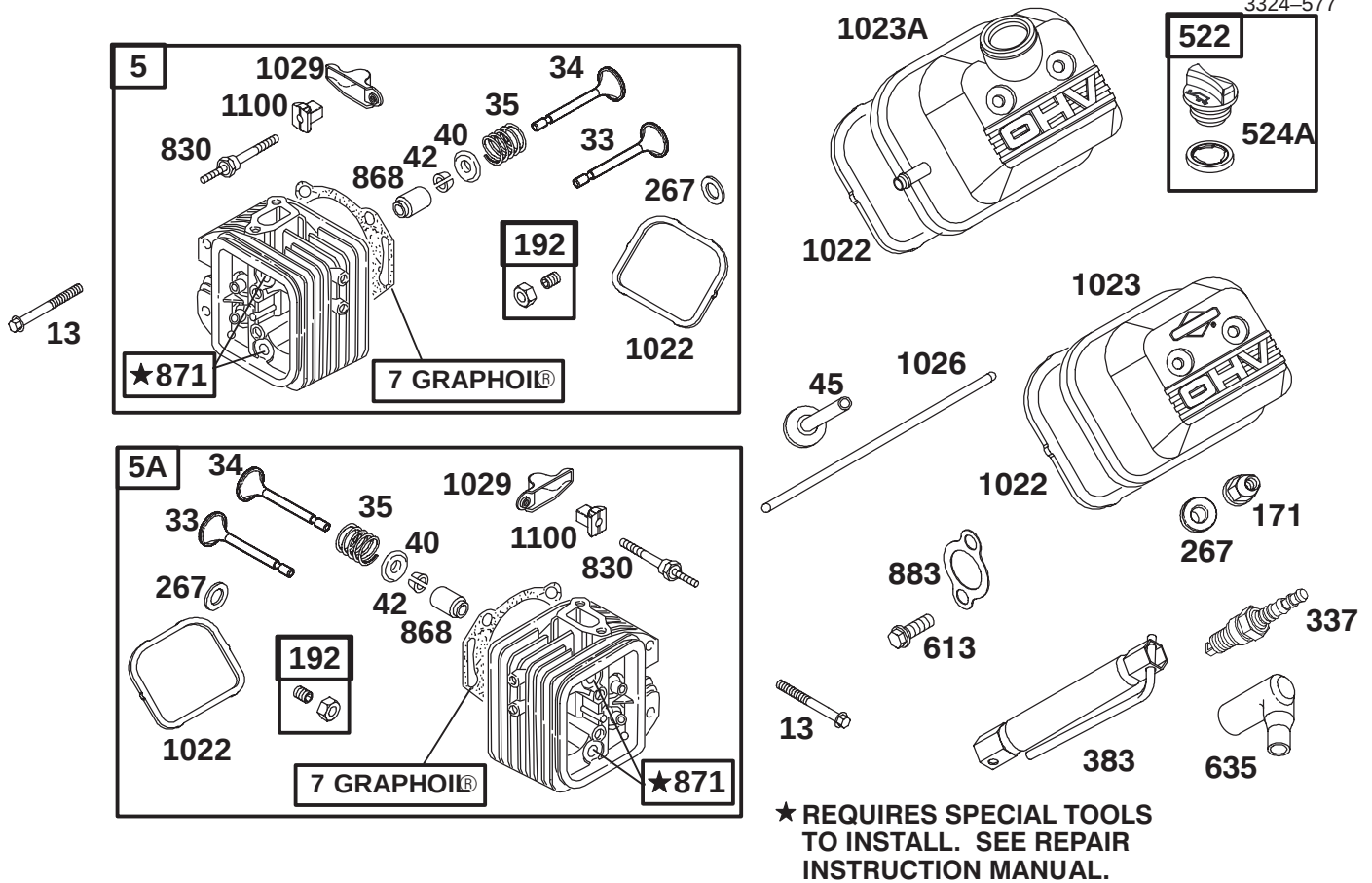
Assemblies include all parts shown in frames.

Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
16	692161	1	Crankshaft
24	806066	1	Flywheel Key
25	807619	1	Piston Assembly (Standard)
	807807	1	Piston Assembly (.010 O.S.)
	807809	1	Piston Assembly (.020 O.S.)
	807811	1	Piston Assembly (.030 O.S.)
26	807620	1	Piston Ring Set (Standard)
	807808	1	Piston Ring Set (.010 O.S.)
	807810	1	Piston Ring Set (.020 O.S.)
	807812	1	Piston Ring Set (.030 O.S.)
27	690683	1	Piston Pin Lock
28	807621	1	Piston Pin Assembly
29	807900	1	Connecting Rod (Standard)
	807809	1	Connecting Rod (.020 U.S.)
32	690698	1	Screw (Connecting Rod)

Ref. No.	Part No.	Qty.	Description
39	690745	1	Oil Deflector
46	691557	1	Camshaft
146	94196	1	Timing Key
*273	690681	1	O-Ring Seal (Oil Pump)
*468	690690	1	O-Ring Seal (Oil Pump Screen)
479	692537	1	Screw
596	691492	1	Screw
598	807625	1	End Play Shim
650	692539	1	Screw
741	805984	1	Timing Gear
1017	690900	1	Oil Pump Screen
1024	693185	1	Oil Pump
1025	690689	1	Governor Slider

* Included in Gasket Set – Part No. 808390.



Assemblies include all parts shown in frames.

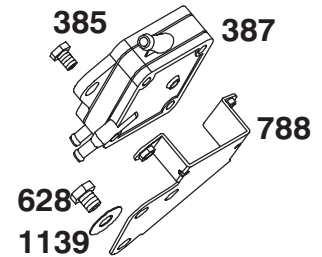
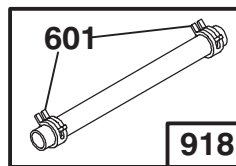
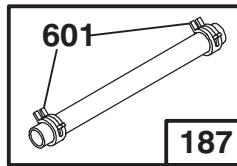
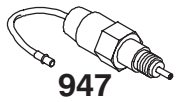
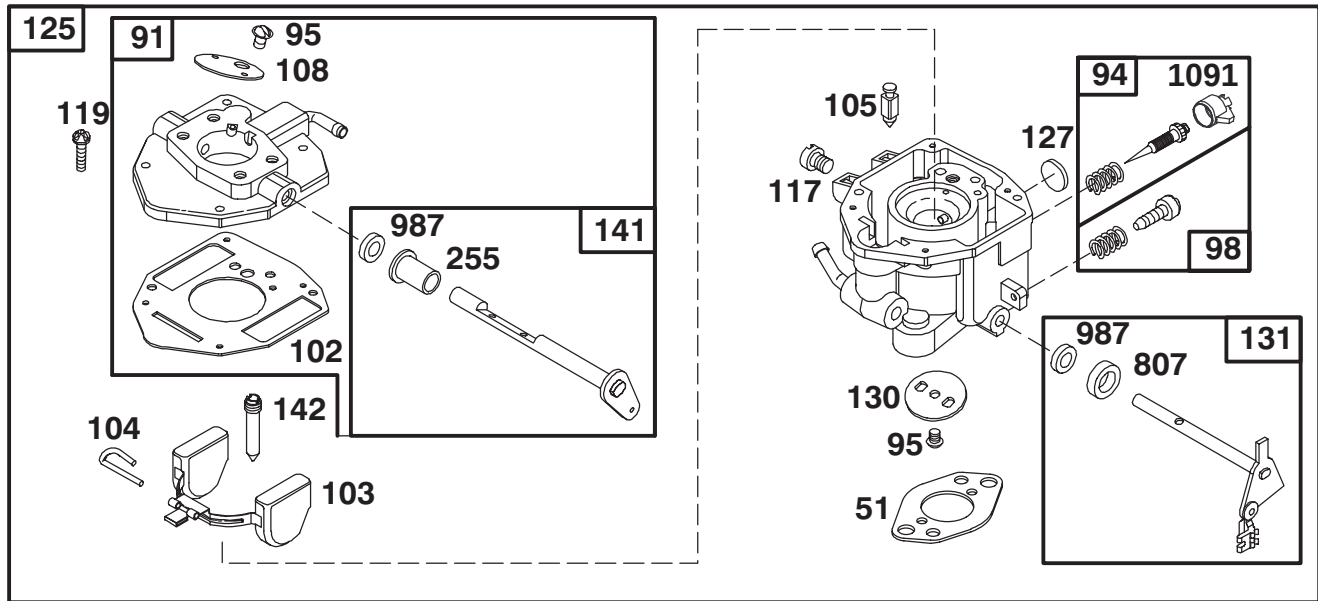
Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
5	808381	1	Cylinder (Cyl. #1) Head
5A	808382	1	Cylinder (Cyl. #2) Head
*†7	806085	1	Cylinder Head Gasket
13	805097	1	Cylinder Head Screw
33	807681	1	Exhaust Valve
34	807680	1	Intake Valve
35	805937	1	Valve Spring
40	805092	1	Valve Spring Retainer
42	807683	1	Valve Retainer
45	262679	1	Valve Tappet
†171	805019	1	Nut (Air Cleaner)
192	807623	1	Screw
*†276	805420	1	Sealing Washer
337	491055	1	Spark Plug
*†338	691312	1	Dipstick Gasket
383	19374	1	Spark Plug Wrench
522	491832	1	Dipstick/Fill Plug
613	805158	1	Screw
635	805529	1	Spark Plug Elbow
830	691544	1	Rocker Arm Stud
868	805094	1	Valve Guide Seal
871	805084	1	Valve Guide
*†883	805024	1	Exhaust Gasket
*†1022	806039	1	Rocker Cover Gasket
1023	691494	1	Valve Cover
1023A	690910	1	Valve Cover

Ref. No.	Part No.	Qty.	Description
1026	805352	1	Push Rod (Intake Valve) Note: 805617 Push Rod (Exhaust Valve)
1029	691543	1	Rocker Arm
1100	690973	1	Rocker Arm Pivot

* Included in Gasket Set – Part No. 808390.

† Included in Valve Overhaul Kit – Part No. 808392



Assemblies include all parts shown in frames.

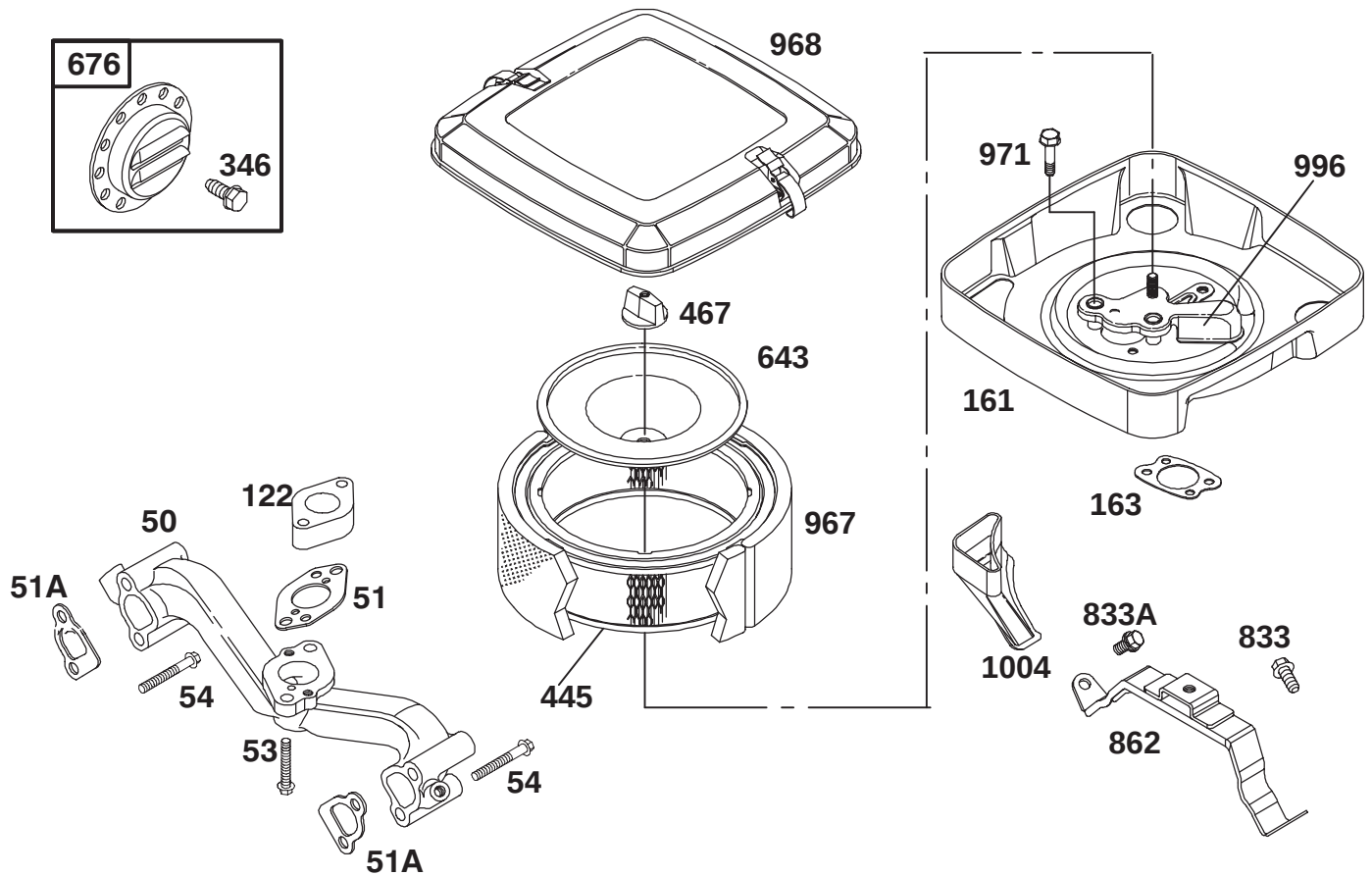
Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
*51	805700	1	Carburetor Mtg. Gasket
91	807919	1	Upper Carburetor Body
‡94	808257	1	Idle Mixture Kit
95	805538	1	Screw
98	808177	1	Screw
‡102	805541	1	Carburetor Body Gasket
103	805546	1	Float Assembly
‡104	805545	1	Float Hinge Pin
‡105	805547	1	Float Needle Valve
108	805539	1	Choke Valve
117	805852	1	Main Jet
	805537	1	Main Jet (High Altitude)
119	805540	1	Screw
125	808251	1	Carburetor Assembly
‡127	690727	1	Welch Plug
130	805554	1	Throttle Valve
131	807720	1	Throttle Shaft
141	807722	1	Choke Shaft
‡142	690725	1	Carburetor Nozzle
187	691049	1	Fuel Line (Cut to Required Length)
‡255	690721	1	Choke Shaft Bushing
385	806361	1	Screw

Ref. No.	Part No.	Qty.	Description
387	692313	1	Fuel Pump
601	93807	1	Hose Clamp
628	805247	1	Screw
‡633	690722	1	Choke Shaft Seal
788	691559	1	Fuel Pump Bracket
‡807	805557	1	Throttle Spacer
918	296004	1	Vacuum Line (Cut to Required Length)
947	807664	1	Solenoid
‡1091	691516	1	Limiter Cap
1139	806479	1	Screw

* Included in Gasket Set – Part No. 808390.

‡ Included in Valve Overhaul Kit – Part No. 808392



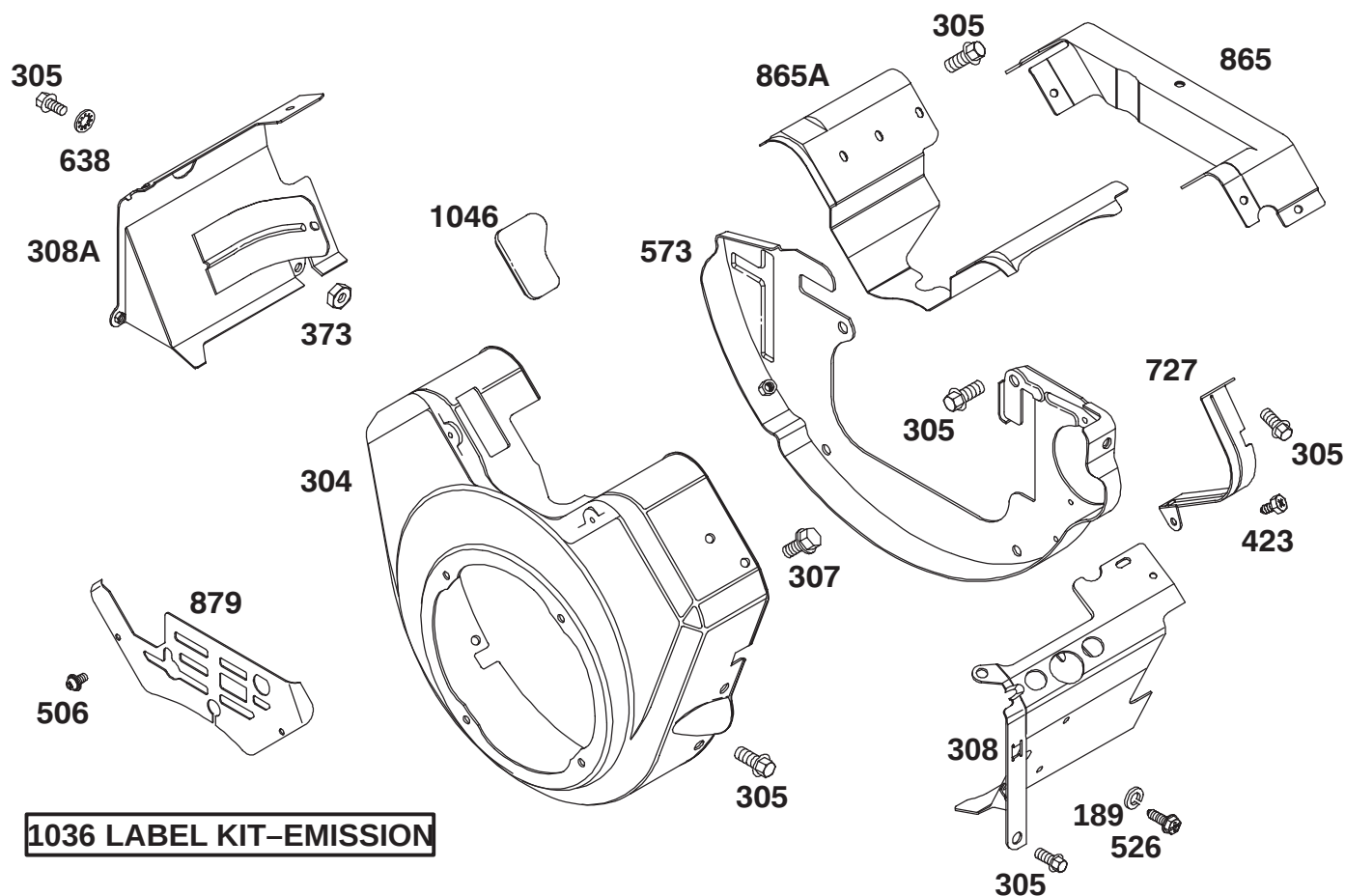
Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
50	690754	1	Intake Manifold
*51	805700	1	Intake Gasket
51A	805023	1	Intake Gasket
*‡52	805023	1	Intake Manifold Gasket
53	805466	1	Screw
54	690676	1	Screw
122	690691	1	Carburetor Spacer
161	691561	1	Air Cleaner Base
*163	805655	1	Air Cleaner Gasket
305	805406	1	Screw (M6 x 12 mm)
346	94896	1	Screw
445	394018	1	Air Filter
467	491875	1	Air Cleaner Knob
643	805631	1	Air Cleaner Plate
676	397630	1	Muffler Deflector
833	690872	1	Screw (M6 x 16 mm)
833A	690872	1	Screw (Air Cleaner Mounting Strap)
862	692153	1	Air Cleaner Bracket
967	272490	1	Air Filter
968	807862	1	Air Cleaner Cover
971	692537	1	Screw
996	691577	1	Carburetor Shield

Ref. No.	Part No.	Qty.	Description
1004	690743	1	Cleaner Mounting Strap

* Included in Gasket Set – Part No. 808390.

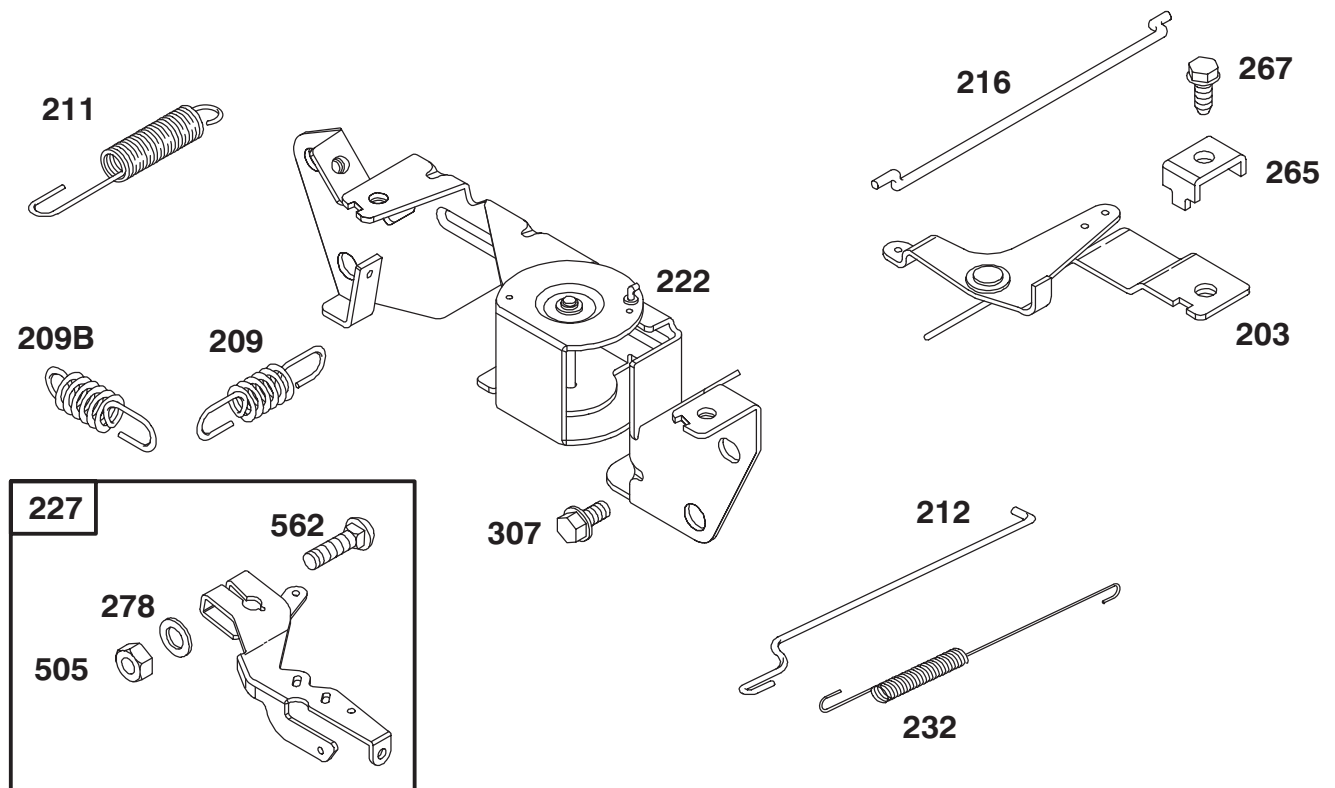
‡ Included in Valve Overhaul Kit – Part No. 808392.



Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
189	805449	1	Washer
304	808408	1	Blower Housing
305	692539	1	Screw
307	805025	1	Screw
308	692806	1	Air Guide Cover (Cyl. #1)
308A	692805	1	Air Guide Cover (Cyl. #2)
373	805383	1	Nut
423	805260	1	Screw
506	690677	1	Screw
526	805448	1	Screw
573	690902	1	Back Plate
638	691551	1	Lock Washer
727	690714	1	Starter Shield
865	690901	1	Air Guide Cover
865A	690750	1	Air Guide Cover
879	690757	1	Carburetor Cover
1036	806687	1	Emission Label Kit
1046	805753	1	Blower Housing Plug

Ref. No.	Part No.	Qty.	Description

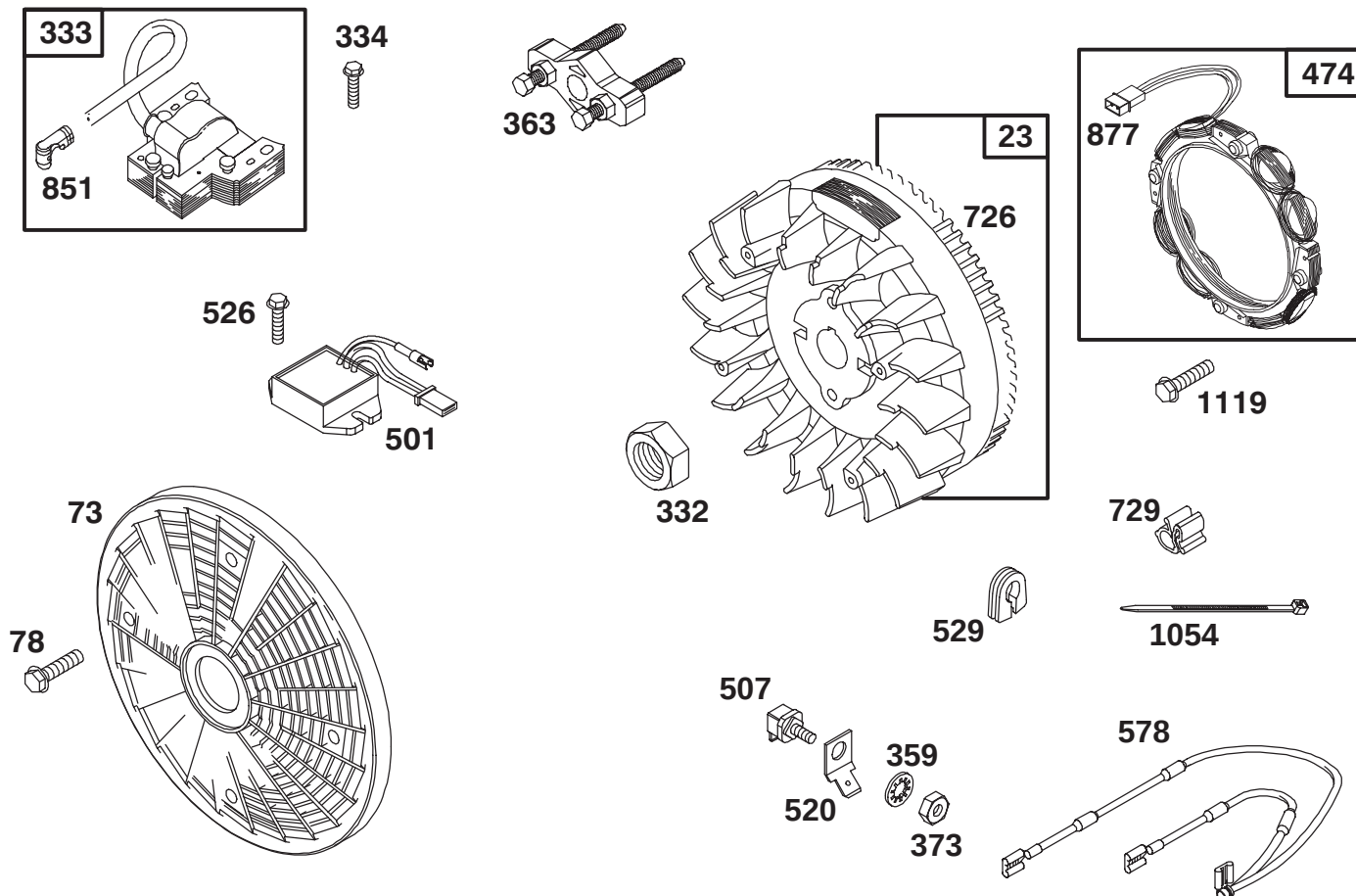


Assemblies include all parts shown in frames.

Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
203	690923	1	Choke Control Bracket
209	805463	1	Governor Spring
209B	805453	1	Governor Spring
211	805450	1	Governed Idle Spring
212	690712	1	Governor Link
216	805439	1	Choke Link
222	808454	1	Governor Control Bracket
227	690236	1	Governor Lever Assembly
232	805465	1	Governor Link Spring
265	221535	1	Casing Clamp
267	692083	1	Screw
278	690237	1	Washer
505	690238	1	Nut (Governor Control Lever)
562	690239	1	Carriage Bolt

Ref. No.	Part No.	Qty.	Description



Assemblies include all parts shown in frames.

Engine – Briggs and Stratton Model 303447-1408-E1

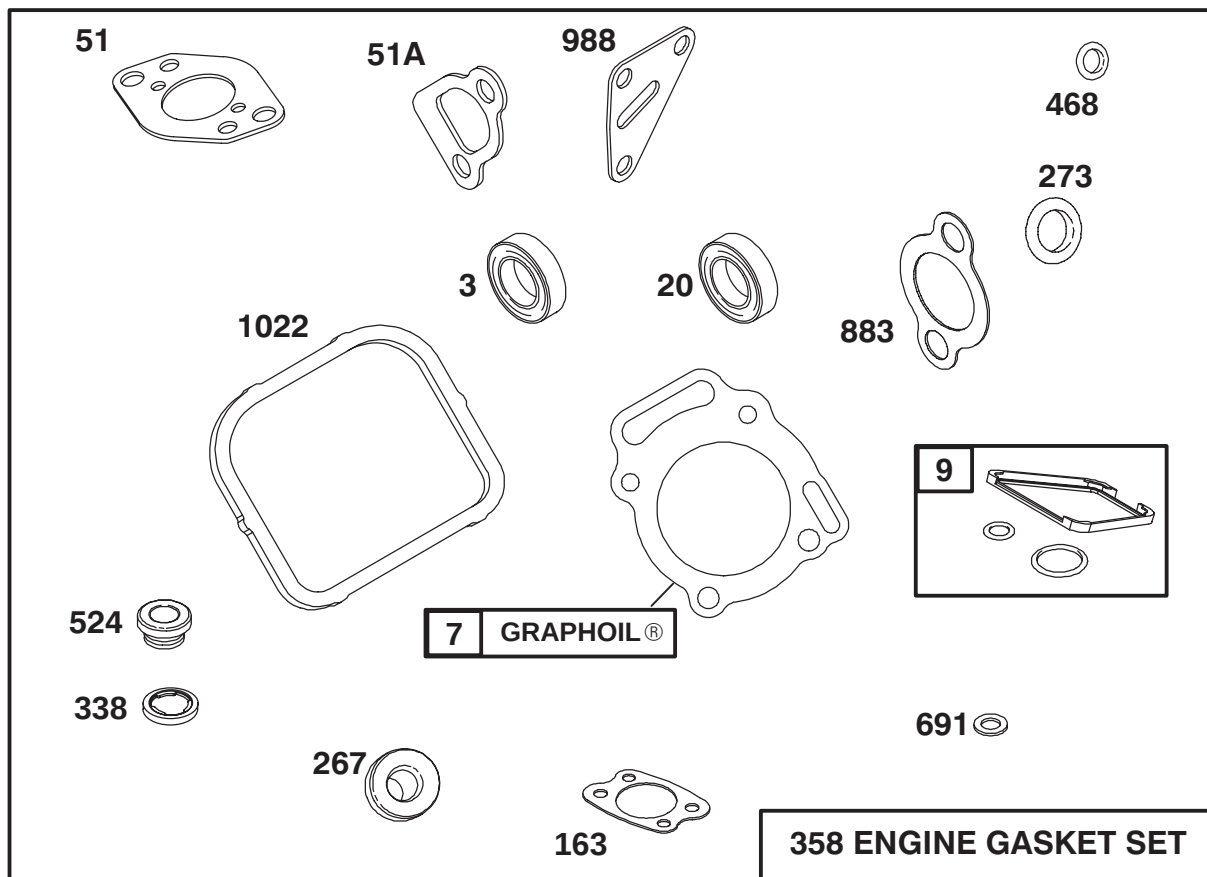
Ref. No.	Part No.	Qty.	Description
23	808766	1	Magneto Flywheel
73	494439	1	Rotating Screen
78	805447	1	Screw
332	690887	1	Nut
333	492341	1	Magneto Armature
359	691077	1	Washer (Internal Tooth)
363	19203	1	Flywheel Puller
373	90576	1	Nut
474	393295	1	Alternator Stator
501	394890	1	Alternator Regulator
507	398525	1	Insulator
520	691084	1	Spade Terminal
526	805448	1	Screw
529	690744	1	Grommet
578	493792	1	Stop Wire
726	808162	1	Flywheel Ring Gear (Includes Mounting Hardware)
729	690586	1	Wire Clip
851	493880	1	Ignition Cable Terminal
877	393537	1	Alternator Wire
1054	280275	1	Cable Tie
1119	691552	1	Screw

Ref. No.	Part No.	Qty.	Description



Ref. No.	Part No.	Qty.	Description
188	805247	1	Screw
309	691564	1	Starter Motor
310	496813	1	Bolt
510	496881	1	Starter Drive
544	690855	1	Starter Armature
797	691029	1	Nut
801	808778	1	Drive Cap
802	496813	1	End Cap
			Note: Includes 496887
			Brush Set
803	690854	1	Starter Housing
1051	691124	1	Lock Ring

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Assemblies include all parts shown in frames.

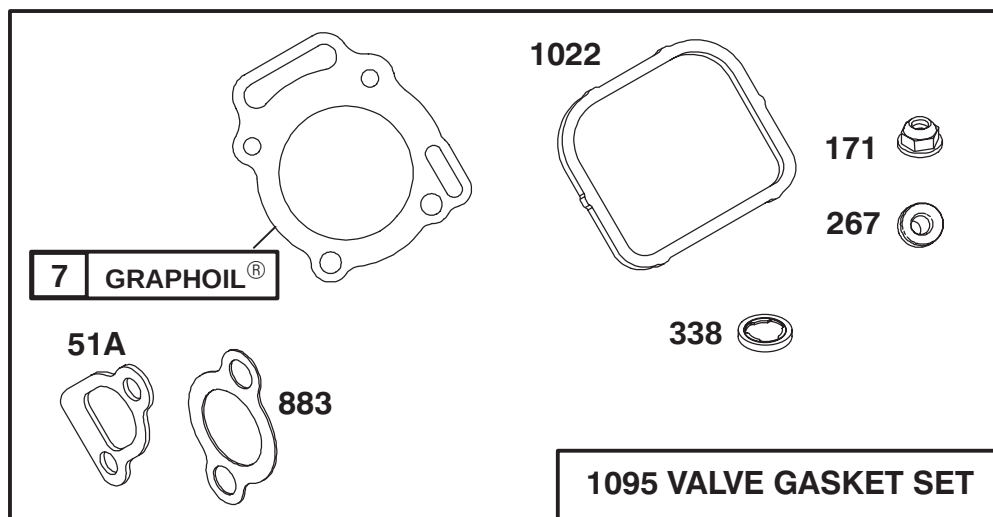
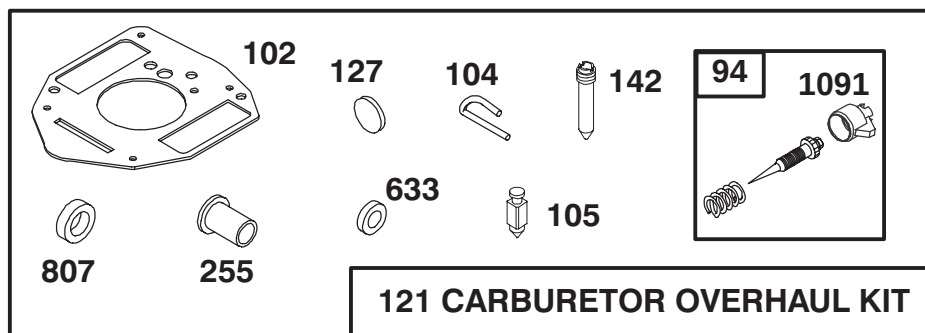
Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
*3	805101	1	Oil Seal (Magneto Side)
*‡7	806085	1	Cylinder Head Gasket
*9	807688	1	Breather Gasket
*20	805049	1	Oil Seal (PTO Side)
*51	805700	1	Intake Gasket
*‡51A	805023	1	Intake Gasket
*163	805655	1	Air Cleaner Gasket
*‡267	805420	1	Sealing Washer
*273	690681	1	O-Ring Seal (Oil Pump)
*‡338	691312	1	Dipstick Gasket
358	808390	1	Engine Gasket Set
*468	690690	1	O-Ring Seal (Oil Pump Screen)
*524	693172	1	Dipstick Tube Seal
*691	690680	1	Governor Shaft Seal
*‡883	805024	1	Exhaust Gasket
*988	805250	1	Oil Filter Adapter Gasket
*‡1022	806039	1	Rocker Cover Gasket

Ref. No.	Part No.	Qty.	Description

* Included in Gasket Set – Part No. 808390.

‡ Included in Valve Overhaul Kit – Part No. 808392.



Assemblies include all parts shown in frames.

Engine – Briggs and Stratton Model 303447-1408-E1

Ref. No.	Part No.	Qty.	Description
*†7	806085	1	Cylinder Head Gasket
*†51A	805023	1	Intake Gasket
†94	808257	1	Idle Mixture Kit
†102	805541	1	Carburetor Body Gasket
†104	690723	1	Float Hinge Pin
†105	805547	1	Float Needle Valve
121	808273	1	Carburetor Overhaul Kit
†127	690727	1	Welch Plug
†142	690725	1	Carburetor Nozzle
†171	805019	1	Nut (Air Cleaner)
†255	690721	1	Choke Shaft Bushing
*†267	805420	1	Sealing Washer
*†338	691312	1	Dipstick Gasket
†633	690722	1	Choke Shaft Seal
†807	805557	1	Throttle Spacer
*†883	805024	1	Exhaust Gasket
*†1022	806039	1	Rocker Cover Gasket
†1091	691516	1	Limiter Cap
1095	808392	1	Valve Gasket Set

* Included in Gasket Set – Part No. 808390.

† Included in Carburetor Kit – Part No. 808273.

‡ Included in Valve Overhaul Kit – Part No. 808392.

