Form No. 3354-955 Rev B

TORO®

Count on it.

Parts Catalog

Greensmaster® 3250-D

Model No. 04383—Serial No. 260000001 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

DPA: Dual Point Adjustment

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

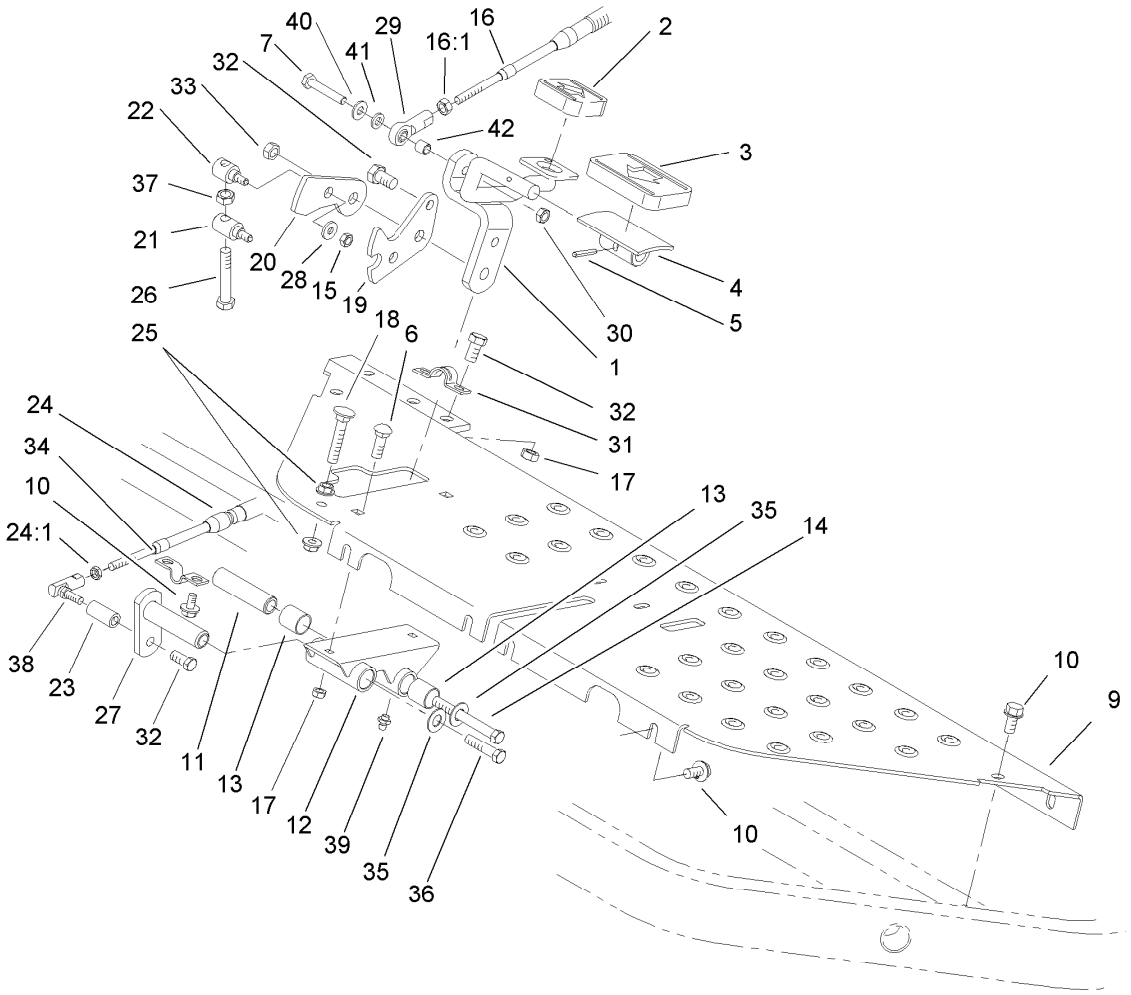
TTH: torx truss head

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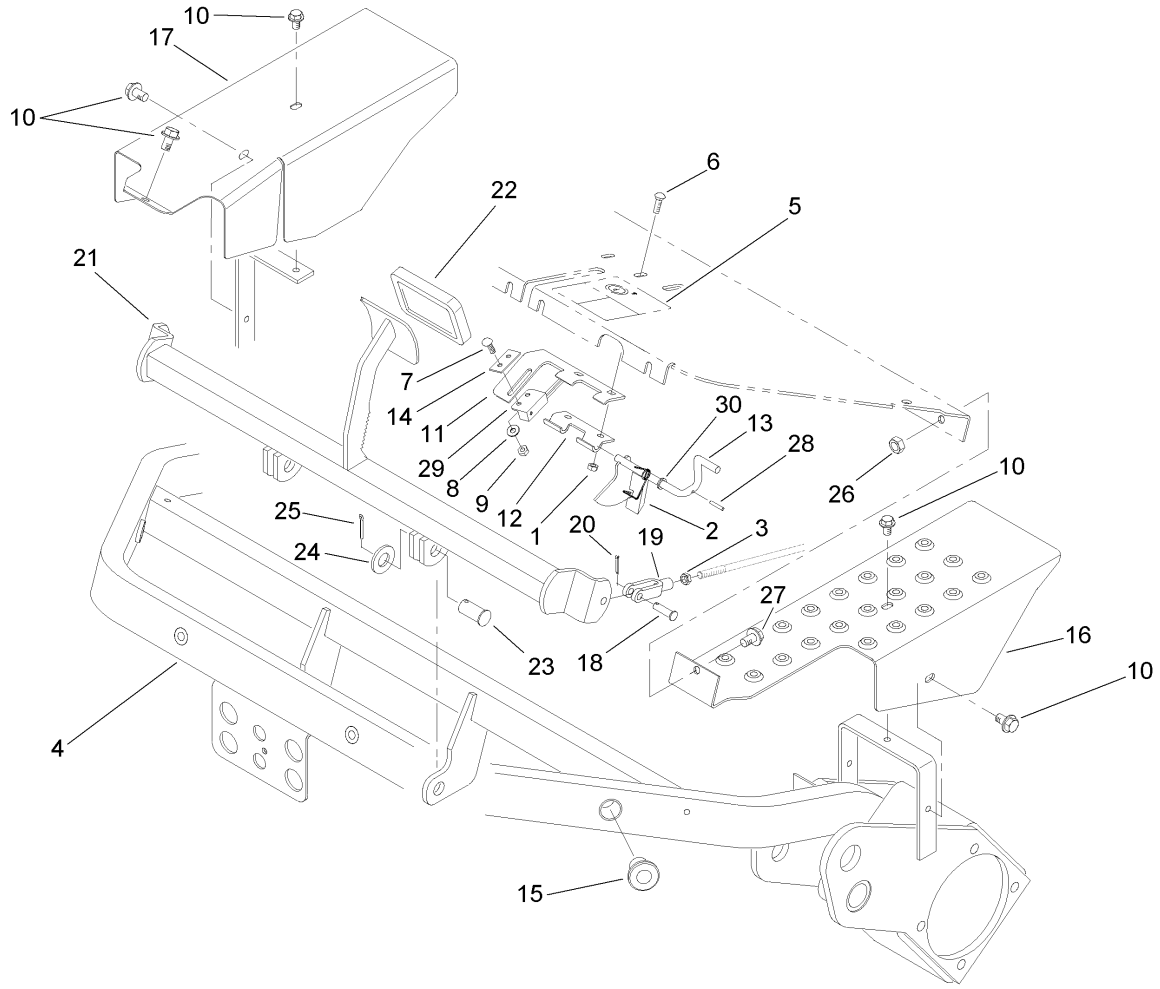
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Traction Control Assembly

Ref.	Part Number	Qty.	Description
1	93-2085-01	1	Rod ASM
2	74-9110	1	Pad-Pedal, Reverse
3	74-9100	1	Pad-Pedal, Forward
4	49-6440-03	1	Pedal-Forward
5	32121-45	1	Pin-Spring
6	33124-020	2	Screw-CARR
7	321-9	1	Screw-HH
9	105-9750-01	1	Plate-Floor
10	32104-32	8	Screw-HWH
11	94-1371	1	Spacer
12	94-1383	1	Pedal-Pivot
13	256-311	4	Bushing-Split
14	33115-090	1	Screw-HH
15	33023-00	2	Nut-Lock
16	107-2550	1	Cable-Control, Traction
16:1	3220-1	2	Nut-Jam
17	33024-00	4	Nut-Lock
18	17-9420	1	Screw-Handle
19	94-1373	1	Bracket-Lock
20	94-1372	1	Bracket-Mow
21	94-1375	1	Trunnion-Bracket, Lock
22	94-1374	1	Trunnion-Bracket, Mow

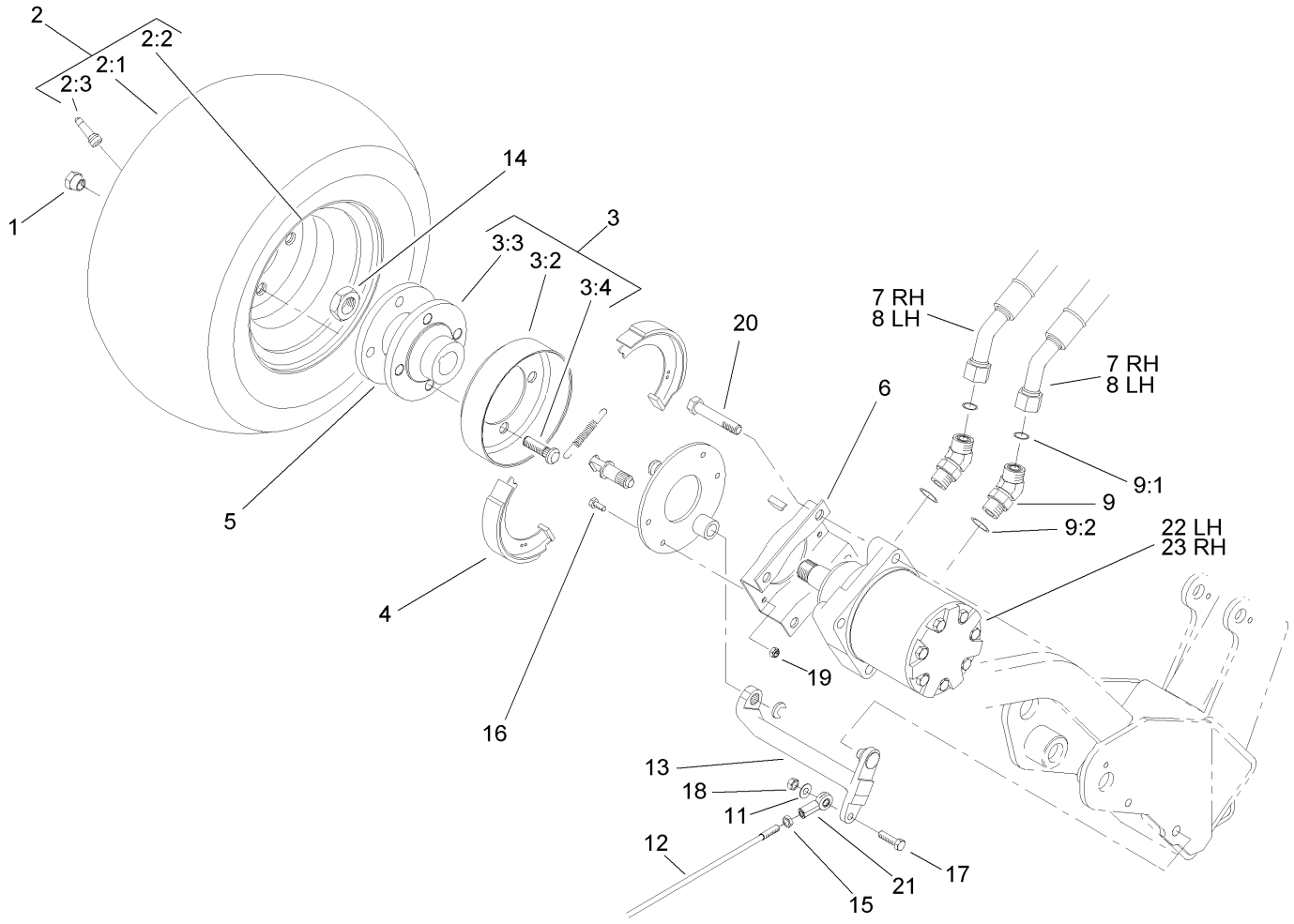
Ref.	Part Number	Qty.	Description
23	94-1386	1	Shaft-Pedal
24	94-1304	1	Cable-Lock, Neutral
24:1	3219-14	2	Nut-Hex
25	32128-20	2	Nut-HF
26	94-3489	1	Screw-HH
27	94-1300	1	Lock-Neutral
28	3256-1	2	Washer-Flat
29	2411-41	1	Rod End-Ball Joint
30	3296-56	1	Nut-Lock, NI
31	93-2092	1	Clamp-Cable
32	33114-016	4	Screw-HH
33	33025-00	1	Nut-Lock, NI
34	93-2279	1	Clamp-Cable
35	3256-24	2	Washer-Flat
36	33115-016	1	Screw-HH
37	33014-00	1	Nut-Hex
38	2411-38	1	Joint-Ball
39	302-5	1	Fitting-Grease
40	3256-22	1	Washer-Flat
41	33093-00	1	Washer-Flat
42	99-3545	1	Spacer



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	33023-00	2	Nut-Lock
2	104-7704	1	Spring-Latch, Brake
3	3220-2	2	Nut-Jam
4	107-9543-01	1	Frame ASM
5	93-8062	1	Decal-Brake, Parking
6	33123-016	2	Screw-CARR
7	33123-016	1	Screw-CARR
8	33093-00	1	Washer-Flat
9	49-7810	1	Nut-Lock
10	32104-32	5	Screw-HWH
11	104-2096	1	Bracket-Switch
12	104-7703	1	Hinge-Lower
13	104-2094	1	Brake-Latch
14	104-7702	1	Plate-Switch
15	83-1700	3	Bushing-Flange

Ref.	Part Number	Qty.	Description
16	93-2073-01	1	Shield-Wheel, LH
17	93-2072-01	1	Shield-Wheel, RH
18	283-61	2	Pin-Yoke
19	282-2	2	Yoke
20	3272-6	2	Pin-Cotter
21	93-2075-01	1	Brake Pedal ASM
22	93-7629	1	Pad-Foot, Brake
23	283-87	2	Pin-Clevis
24	3256-27	2	Washer-Flat
25	3272-11	2	Pin-Cotter
26	33024-00	1	Nut-Lock
27	33114-020	1	Screw-HH
28	32121-50	1	Pin-Spring
29	104-2057	1	Sensor
30	75-5470	1	Spacer-Bearing

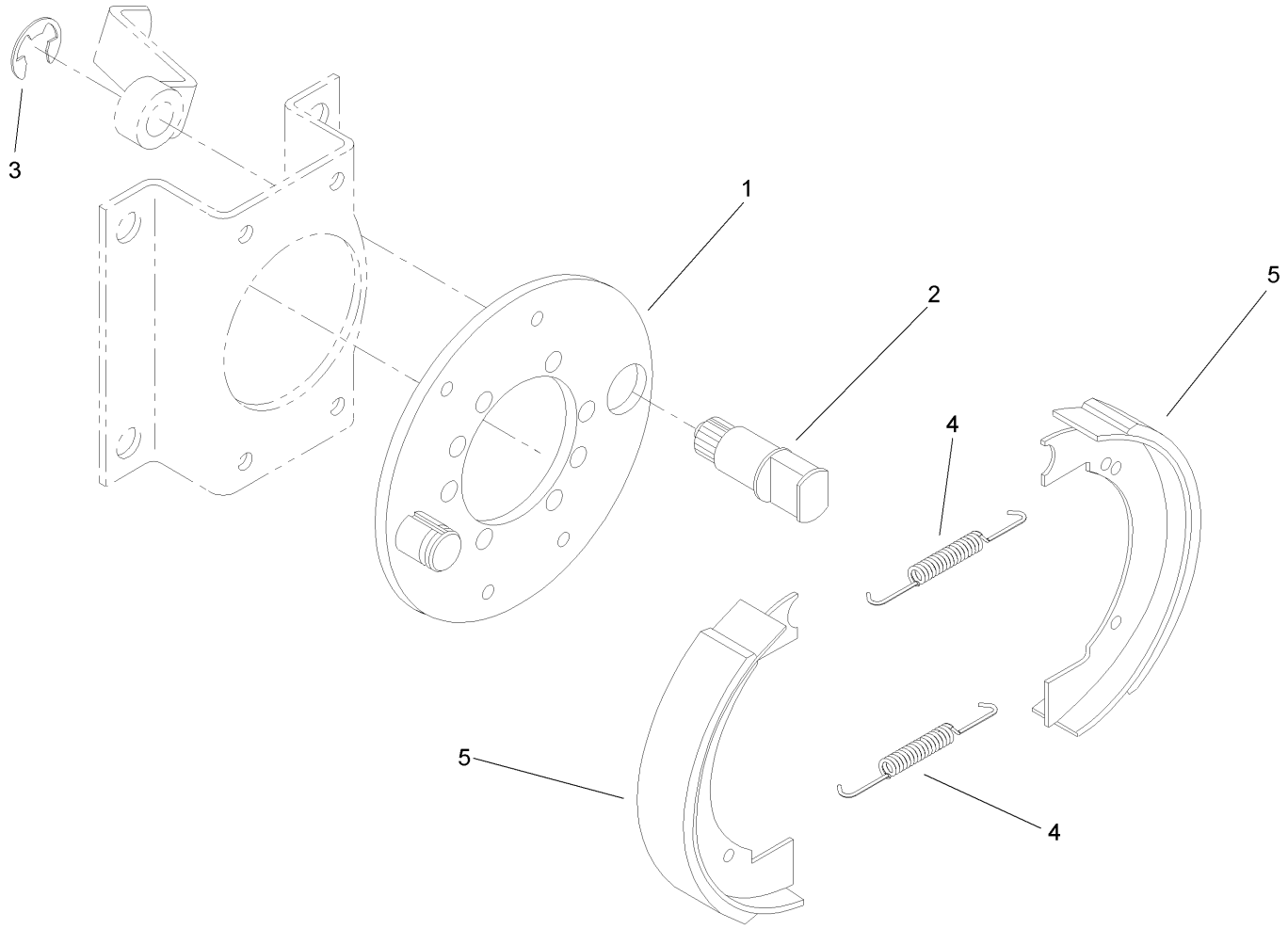


Front Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1	242-50	8	Nut-Lug
2		2	Wheel And Tire ASM ●
2:1	70-8500	1	Tire-Smooth, 2-Ply
2:2	94-6116	1	Wheel-Rear
2:3	232-27	1	Stem-Valve
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	92-9154-03	2	Plate-Bearing
6	84-2000-03	2	Bracket-Brake
7	94-5357	2	Hose ASM
8	94-5358	2	Hose ASM
9	340-14	4	Fitting-HYD, 45 DEG

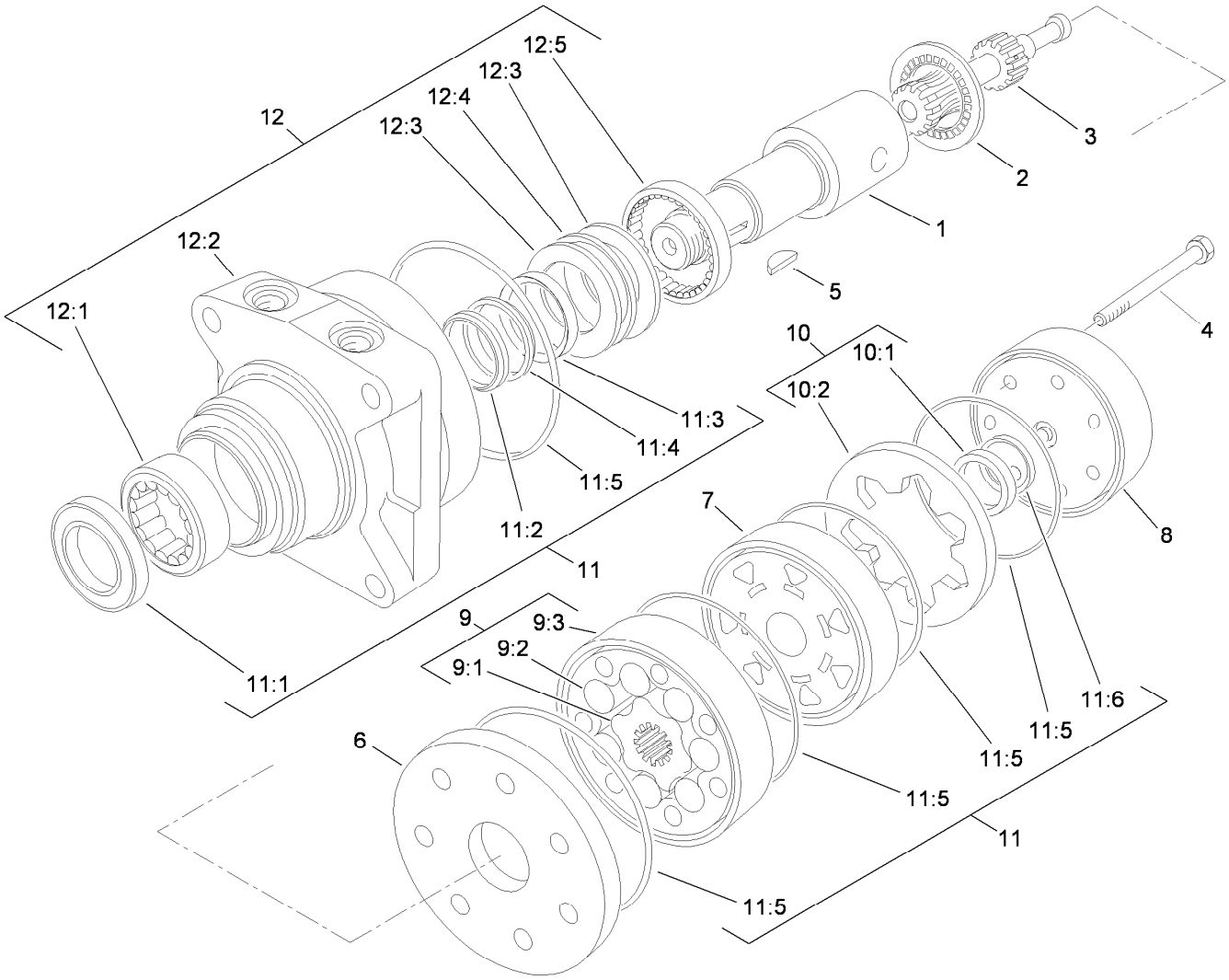
Ref.	Part Number	Qty.	Description
9:1	237-65	1	O-Ring
9:2	237-80	1	O-Ring
11	3256-23	2	Washer-Flat
12	93-2069	2	Rod-Brake
13	93-2096	2	Lever-Brake
14	26-3790	2	Nut-Lock
15	3220-20	2	Nut-Jam
16	33113-020	8	Screw-HH
17	33114-030	2	Screw-HH
18	33024-00	2	Nut-Lock
19	33023-00	8	Nut-Lock
20	33116-060	8	Screw-HH
21	93-2070	2	Clevis-Swivel
22	110-4015	1	HYD Motor ASM (CCW)
23	110-4016	1	HYD Motor ASM (CW)

● Not serviced separately



Brake Assembly No. 104-7705

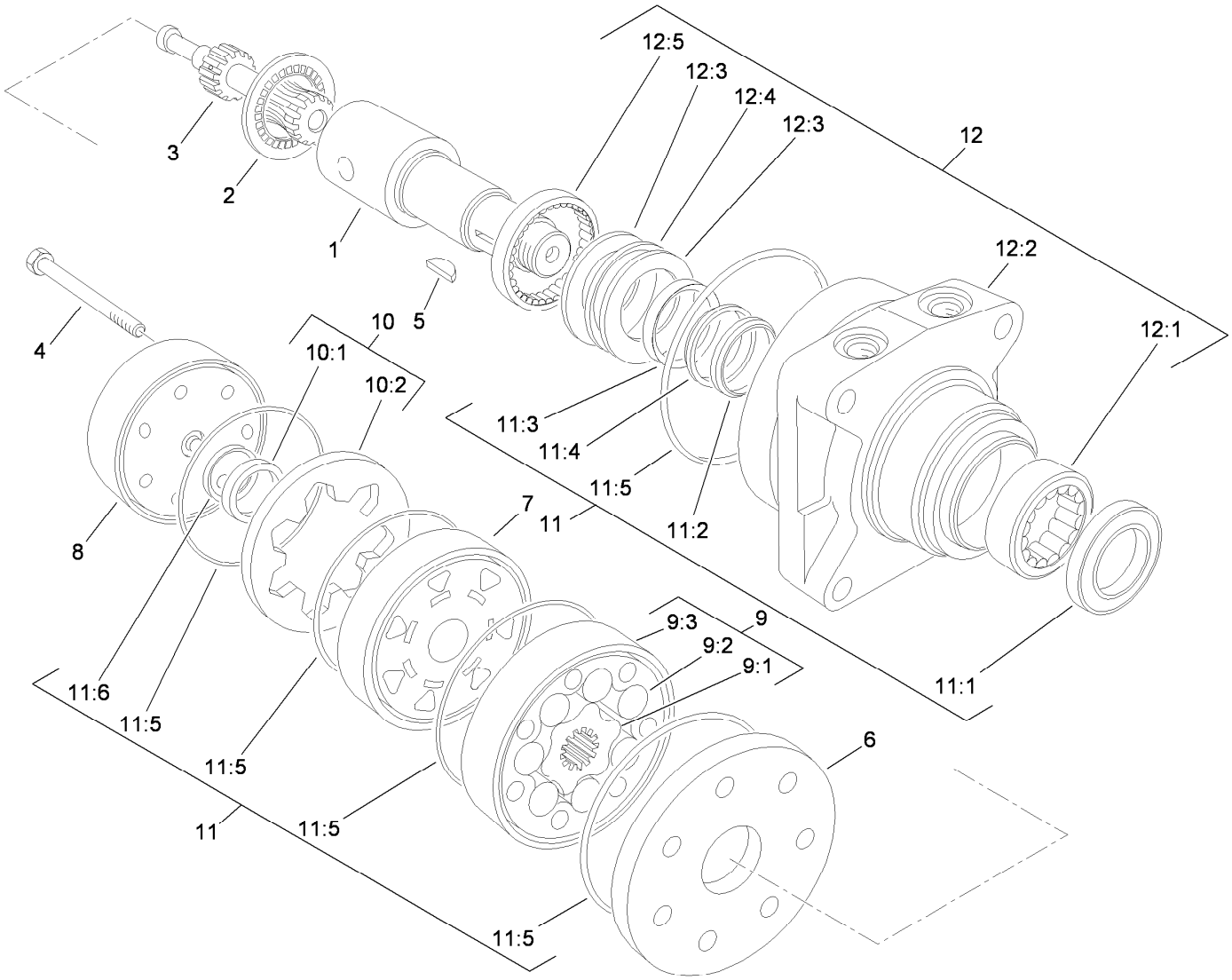
Ref.	*Part Number*	*Qty.*	*Description*
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Hydraulic Motor Assembly (CCW) 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 ●
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 ●

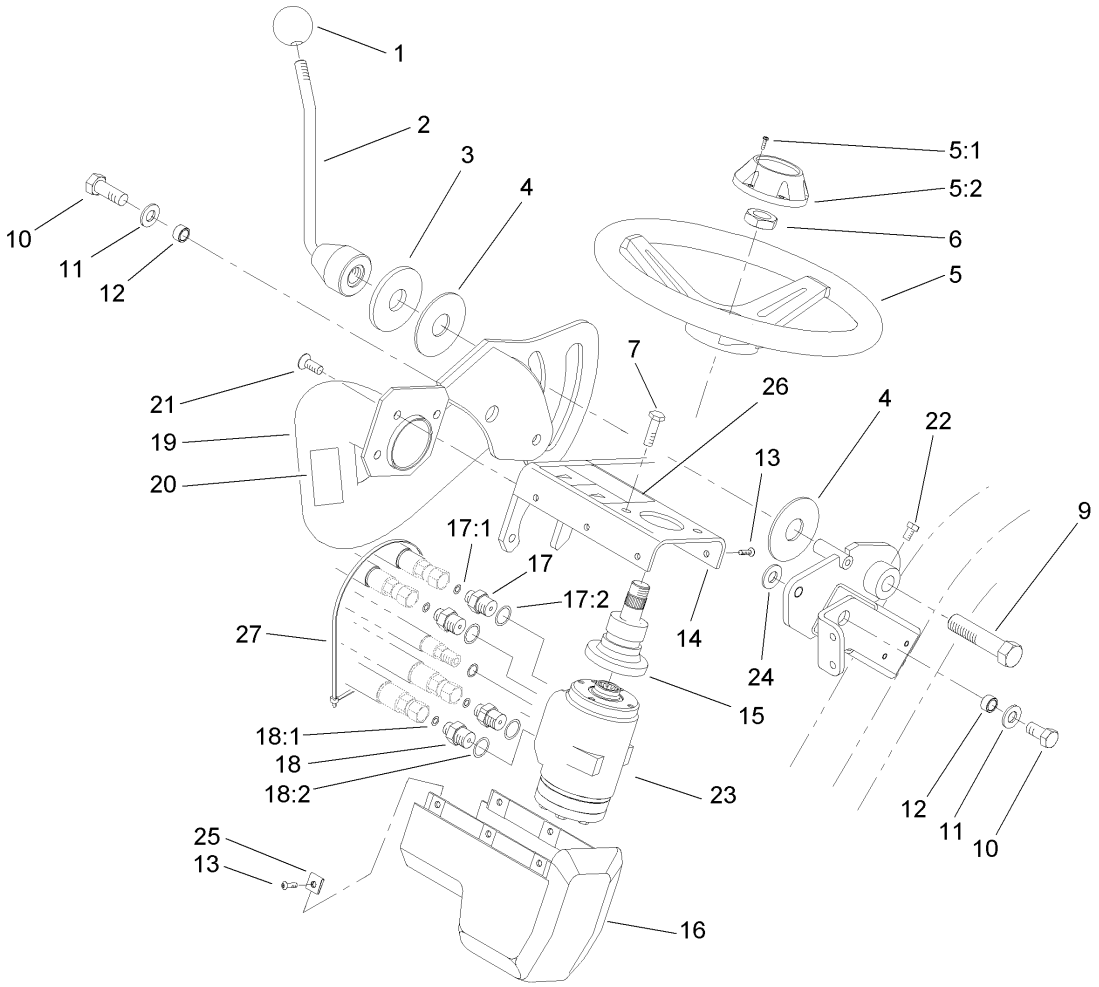
● Not serviced separately



Hydraulic Motor Assembly (CW) 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 ●
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 ●

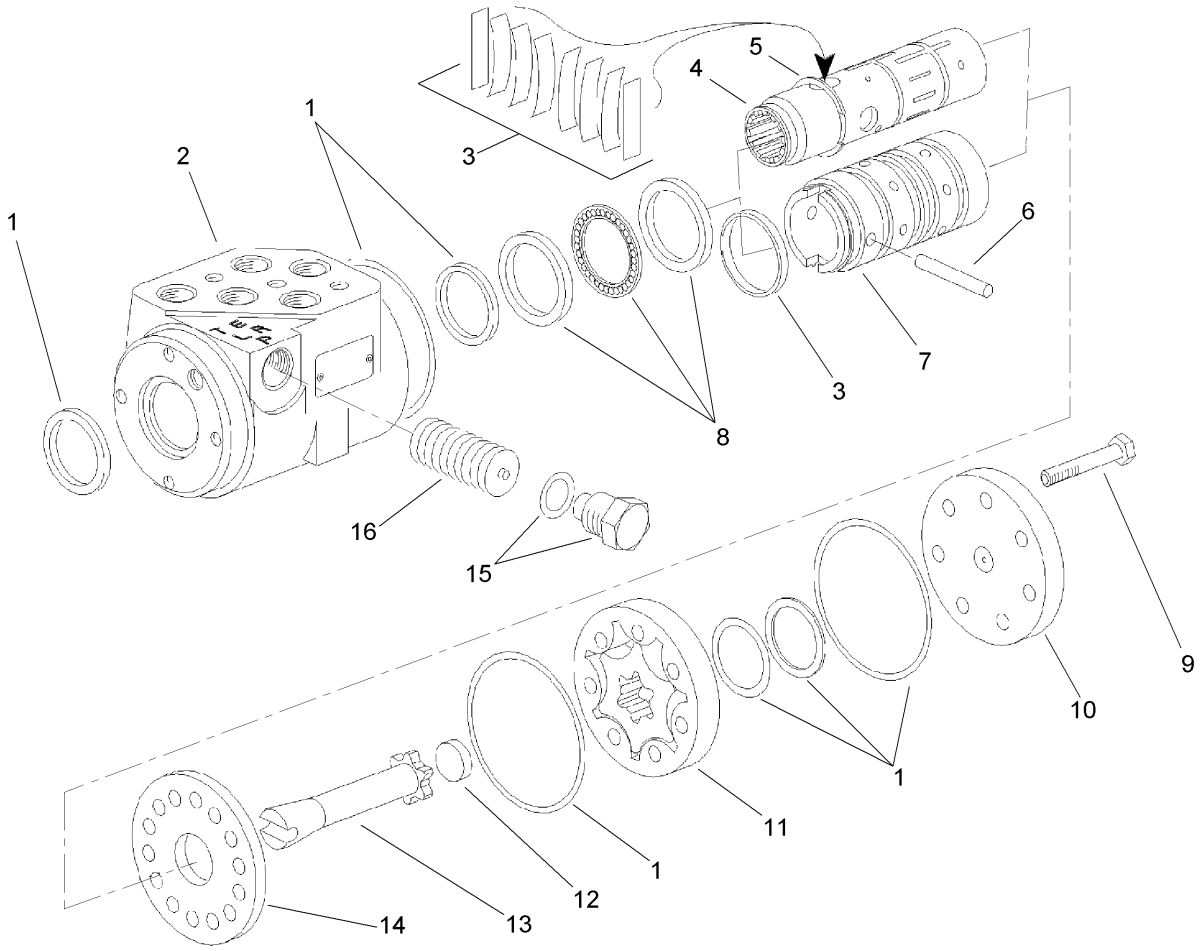
● Not serviced separately



Steering Arm Assembly

Ref.	Part Number	Qty.	Description
1	233-48	1	Knob
2	93-2400-03	1	Lockup Handle ASM
3	83-0760	1	Spacer-Plate, Lockup
4	83-0740	2	Disc-Friction
5	75-0560	1	Wheel-Steering
5:1	32144-21	1	Screw
5:2	68-5140	1	Cap-Wheel, Steering
6	107-2562	1	Nut-Hex
7	33103-016	4	Screw-HHF
9	93-2199	1	Screw-HH, RH
10	325-4	2	Screw-HH
11	3256-26	2	Washer-Flat
12	47-2890	2	Bushing
13	3274-39	6	Screw-HSBH
14	105-9791-03	1	Steering Cover ASM
15	105-0425	1	Steering Column ASM
16	83-0810	1	Cover-Steering

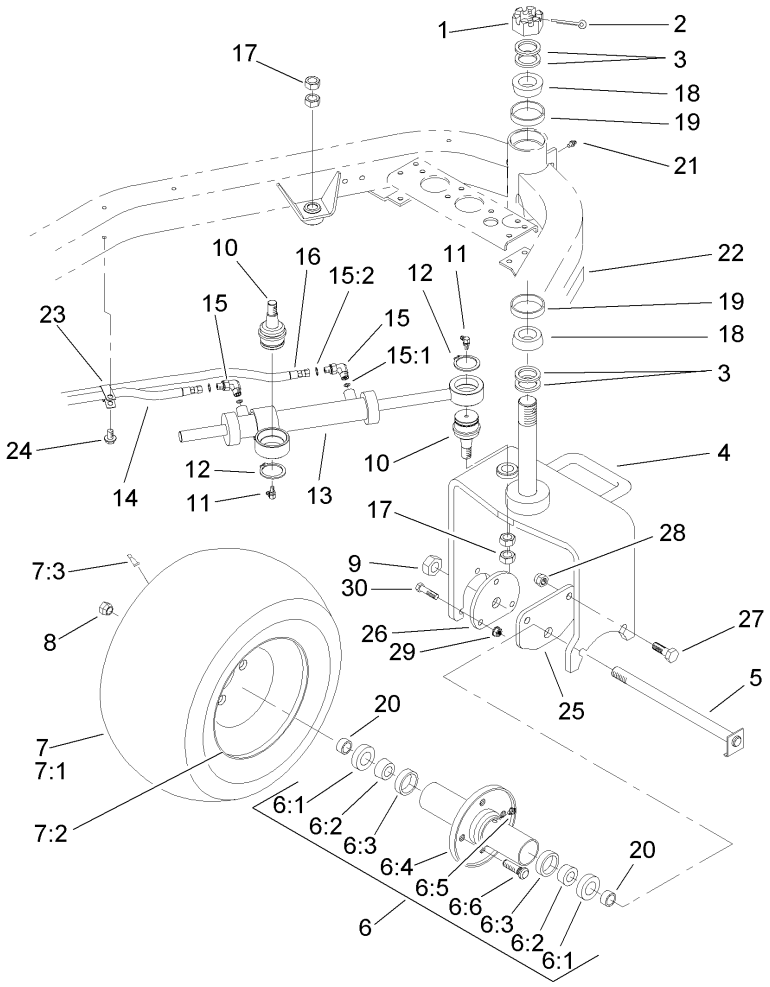
Ref.	Part Number	Qty.	Description
17	340-1	2	Adapter
17:1	237-21	1	O-Ring
17:2	237-42	1	O-Ring
18	340-2	2	Fitting-HYD, Straight
18:1	237-22	1	O-Ring
18:2	237-42	1	O-Ring
19	93-2115-01	1	Steering Arm ASM
20	93-8068	1	Decal-Arm, Steering
21	3274-80	3	Screw-HH
22	3242-2	1	Screw-SQH
23	105-0424	1	Valve-Control, Steering
24	65-6390	1	Washer-Thrust, Plain
25	3290-277	6	Nut-Speed
26	104-2053	1	Decal-Warning
26	93-8063	1	Decal-Caution, Ce
27	3290-379	1	Tie-Cable



Steering Control Valve Assembly No. 105-0424

Ref.	*Part Number*	*Qty.*	*Description*
1	94-4099	1	Seal Kit
2		1	Housing ●
3	94-4095	1	Centering Spring Kit
4		1	Spool ●
5	94-4098	1	Ring-Retaining
6	94-4094	1	Pin
7		1	Sleeve ●
8	94-4096	1	Bearing Kit
9	105-2938	7	Screw-Cap
10	94-4089	1	Cap-End
11	105-2939	1	Gerotor ASM
12	105-2940	1	Spacer
13	94-4093	1	Drive
14	94-4092	1	Plate-Wear
15	99-5511	1	Plug ASM
16	99-5500	1	Valve-Relief

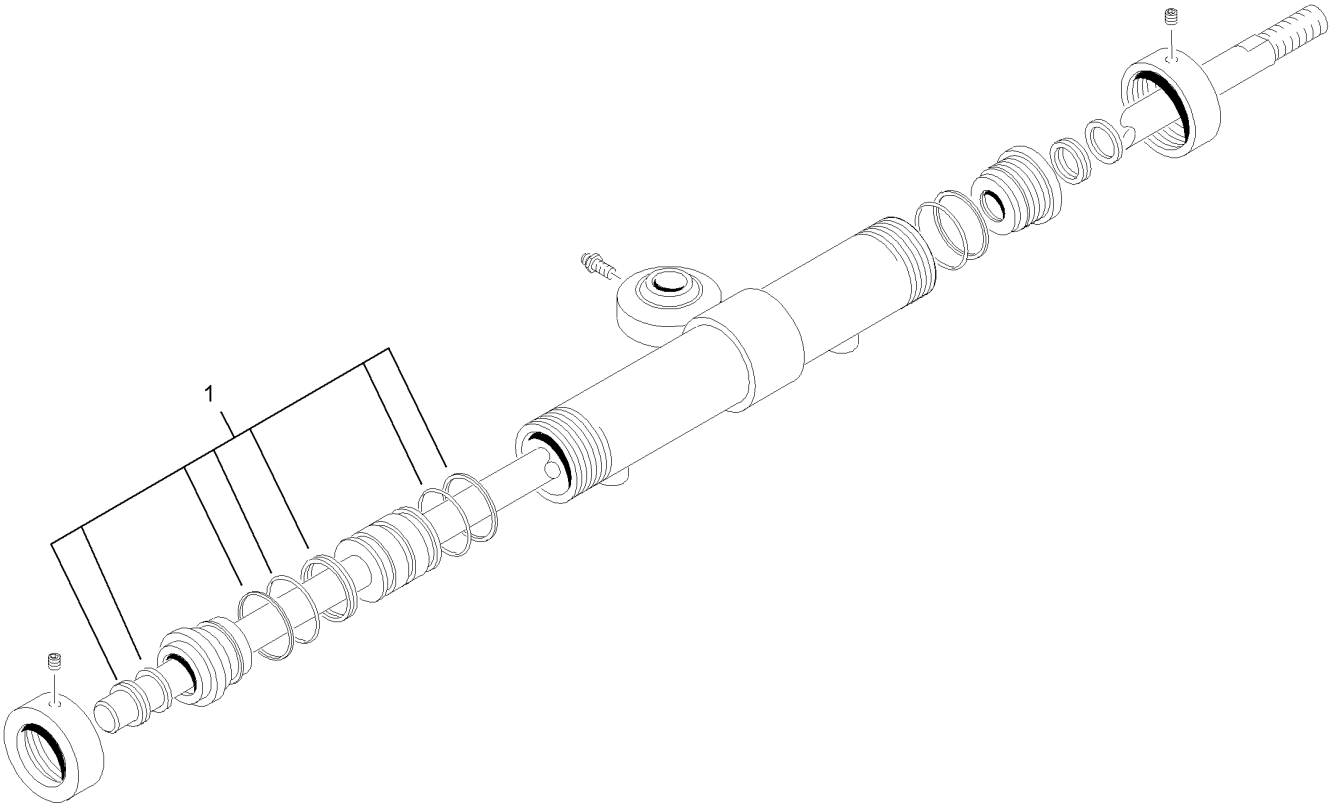
● Not serviced separately



Rear Wheel Assembly

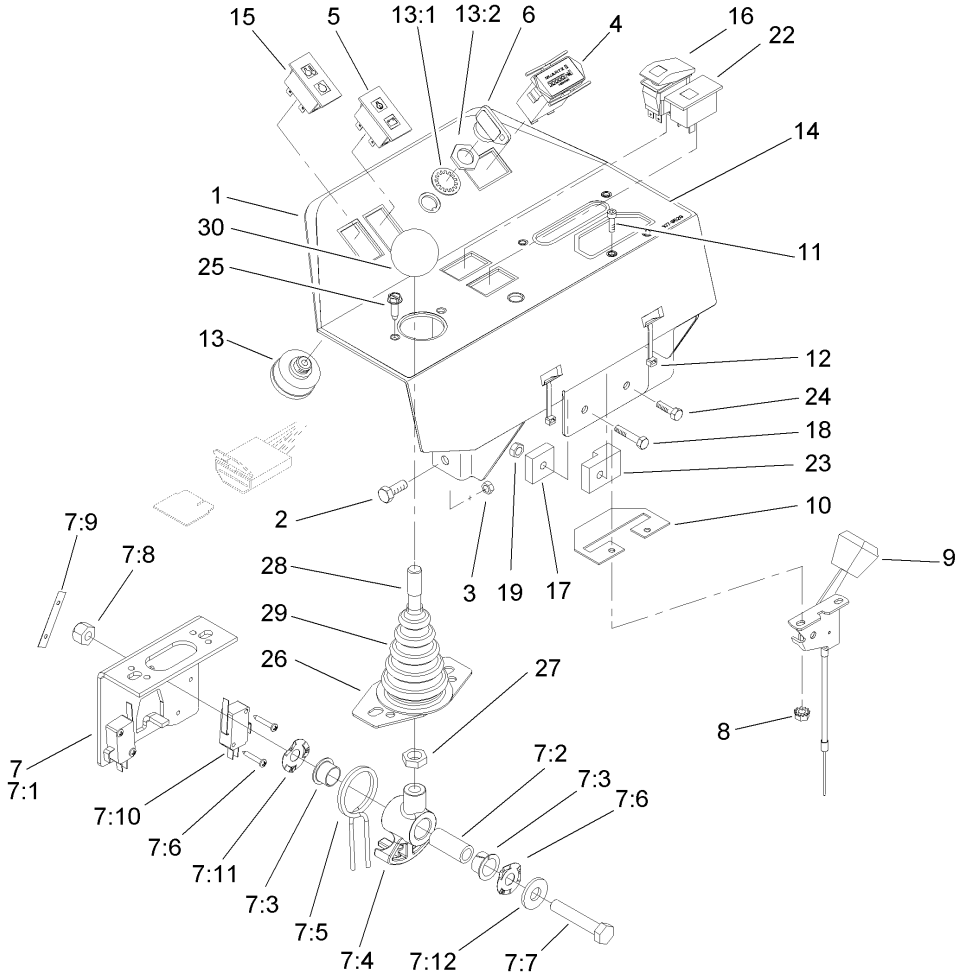
Ref.	Part Number	Qty.	Description
1	32136-9	1	Nut-Hex, Slotted
2	3272-37	1	Pin-Cotter
3	18-6320	4	Washer-Steering
4	99-1492-01	1	Castor Fork ASM
5	70-8370	1	Bolt
6	72-9710	1	Hub-Tire
6:1	253-111	2	Seal-Oil
6:2	254-78	2	Bearing-Cone
6:3	254-79	2	Bearing-Roller, Cup
6:4	75-9440	1	Hub ASM
6:5	302-11	1	Fitting-Lube, 45 DEG
6:6	10-6830	4	Stud-Type, Drive
7		1	Wheel And Tire ASM ●
7:1	70-8500	1	Tire-Smooth, 2-Ply
7:2	94-6116	1	Wheel-Rear
7:3	232-27	1	Stem-Valve
8	242-50	4	Nut-Lug
9	3296-67	1	Nut-Lock, NI
10	106-6774	2	Joint-Ball
11	302-60	2	Fitting-Grease
12	32151-104	2	Ring-Retaining, External
13	93-2122	1	Steering Cylinder ASM
14	93-2270	1	HYD Hose ASM
15	340-132	2	Fitting-HYD, 90 DEG
15:1	237-78	1	O-Ring
15:2	237-21	1	O-Ring
16	93-2269	1	HYD Hose ASM
17	3220-6	4	Nut-Jam
18	254-70	2	Bearing-Cone
19	254-61	2	Cup-Bearing
20	70-8490	2	Spacer-Spindle, Rear
21	302-5	1	Fitting-Grease
22	99-1493	1	Decal
23	92-5753	1	Clamp-Hose
24	32104-32	1	Screw-HWH
25	99-1485-01	1	Plate-Adapter, Motor
26	99-1486-01	1	Plate-Adapter
27	325-6	2	Screw-HH
28	3296-23	2	Nut-Lock, NI
29	3296-39	3	Nut-Lock, NI
30	323-8	3	Screw-HH

● Not serviced separately



Steering Cylinder Assembly No. 93-2122

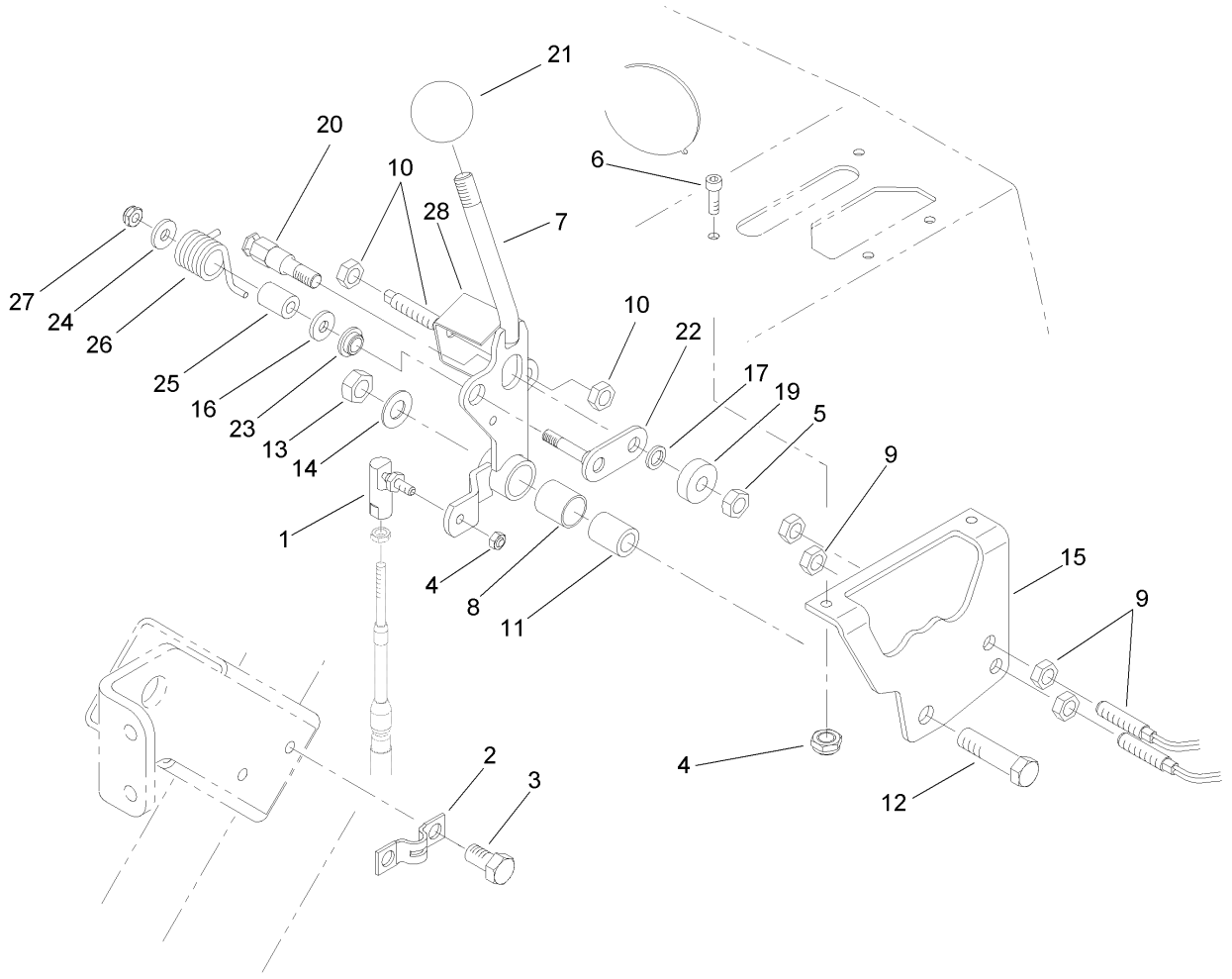
Ref.	*Part Number*	*Qty.*	*Description*
1	94-4398	1	Seal Repair Kit



Console Assembly

Ref.	Part Number	Qty.	Description
1	108-6503-03	1	Console ASM
2	33114-020	4	Screw-HH
3	33024-00	4	Nut-Lock
4	1-513374	1	Meter-Hour
5	100-8070	1	Lamp-Warning
6	63-8360	1	Key-Ignition
7	106-4167	1	Joystick Bracket ASM
7:1	106-4168-03	1	Bracket-Joystick
7:2	106-4192	1	Spacer
7:3	93-5547	2	Bushing-Nylon
7:4	105-7507	1	Hub-Pivot, Joystick
7:5	105-8289	1	Spring-Torsion
7:6	106-4193	2	Washer-Finger, Spring
7:7	322-9	1	Screw-HH
7:8	3296-29	1	Nut-Lock, NI
7:9	3290-354	2	Nut-Speed
7:10	108-6496	2	Switch ASM (W/Boot)
7:11	95-3003	4	Screw-PPHTF
7:12	3256-3	1	Washer-Flat
8	32149-8	2	Nut-Keps
9	99-8150	1	Control-Throttle

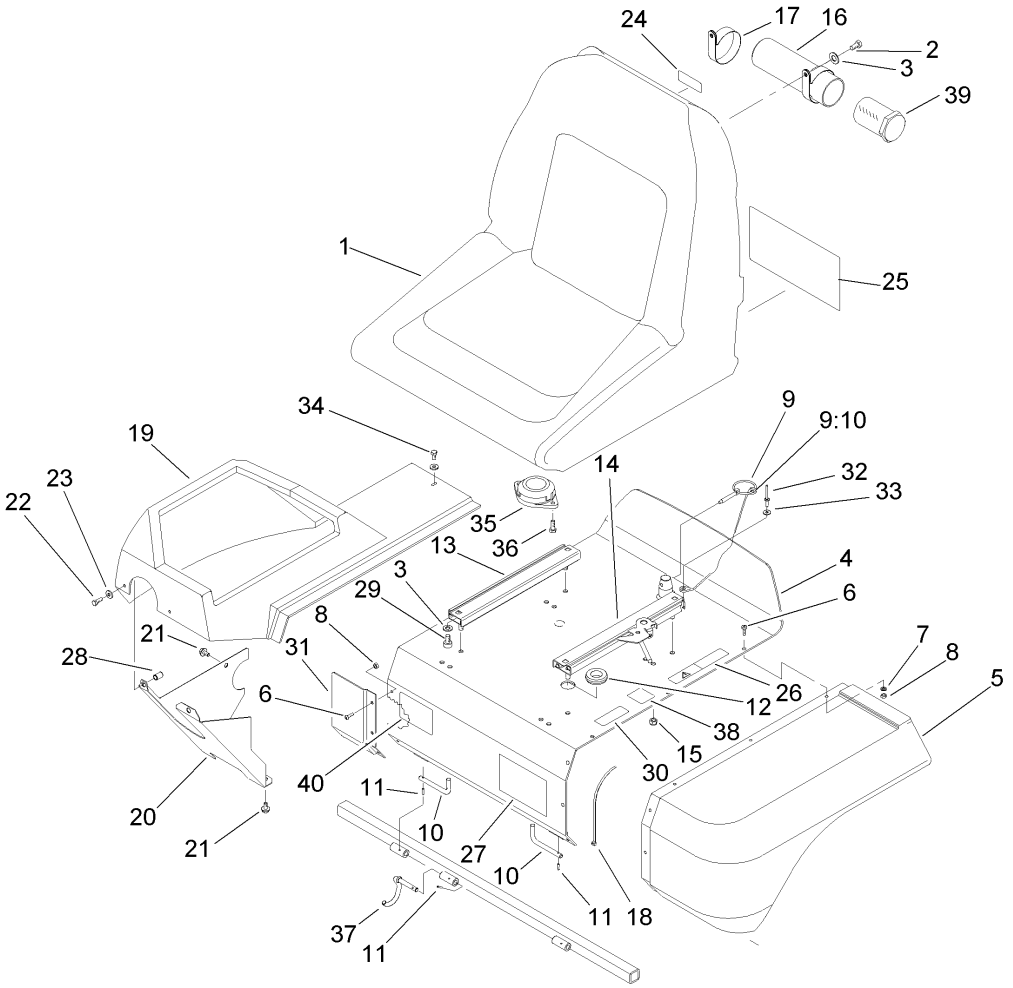
Ref.	Part Number	Qty.	Description
10	99-8195-03	1	Plate-Cover
11	3273-26	2	Screw-HSH
12	3290-378	2	Tie-Cable
13	27-2360	1	Switch
13:1	218-446	1	Nut-Hex
13:2	218-447	1	Washer-Lock
14	107-9529	1	Decal-Instrument
15	100-8071	1	Lamp-Warning
16	100-8072	1	Switch
17	92-2538	1	Module-Timer
18	33113-030	1	Screw-HH
19	33023-00	2	Nut-Lock
22	108-6531	1	Indicator-Light, Amber
23	99-9666	1	Module
24	33113-020	1	Screw-HH
25	32144-19	2	Screw-SHWH
26	106-4188-03	1	Plate-Boot
27	3218-3	1	Nut-Jam
28	105-8288	1	Rod-Joystick
29	93-5961	1	Boot-Lever
30	233-42	1	Knob



Functional Control Lever Assembly

Ref.	Part Number	Qty.	Description
1	2411-38	1	Joint-Ball
2	93-2279	1	Clamp-Cable
3	32104-32	2	Screw-HWH
4	3296-27	2	Nut-Lock, NI
5	33024-00	1	Nut-Lock
6	3273-26	2	Screw-HSH
7	94-9611	1	Handle
8	256-311	1	Bushing-Split
9	93-2055	2	Sensor-Switch, Reed
10	93-2056	1	Actuator-Switch, Reed
11	94-1378	1	Tube-Pivot, Handle
12	33115-040	1	Screw-HH
13	33025-00	1	Nut-Lock, NI
14	3256-24	1	Washer-Flat

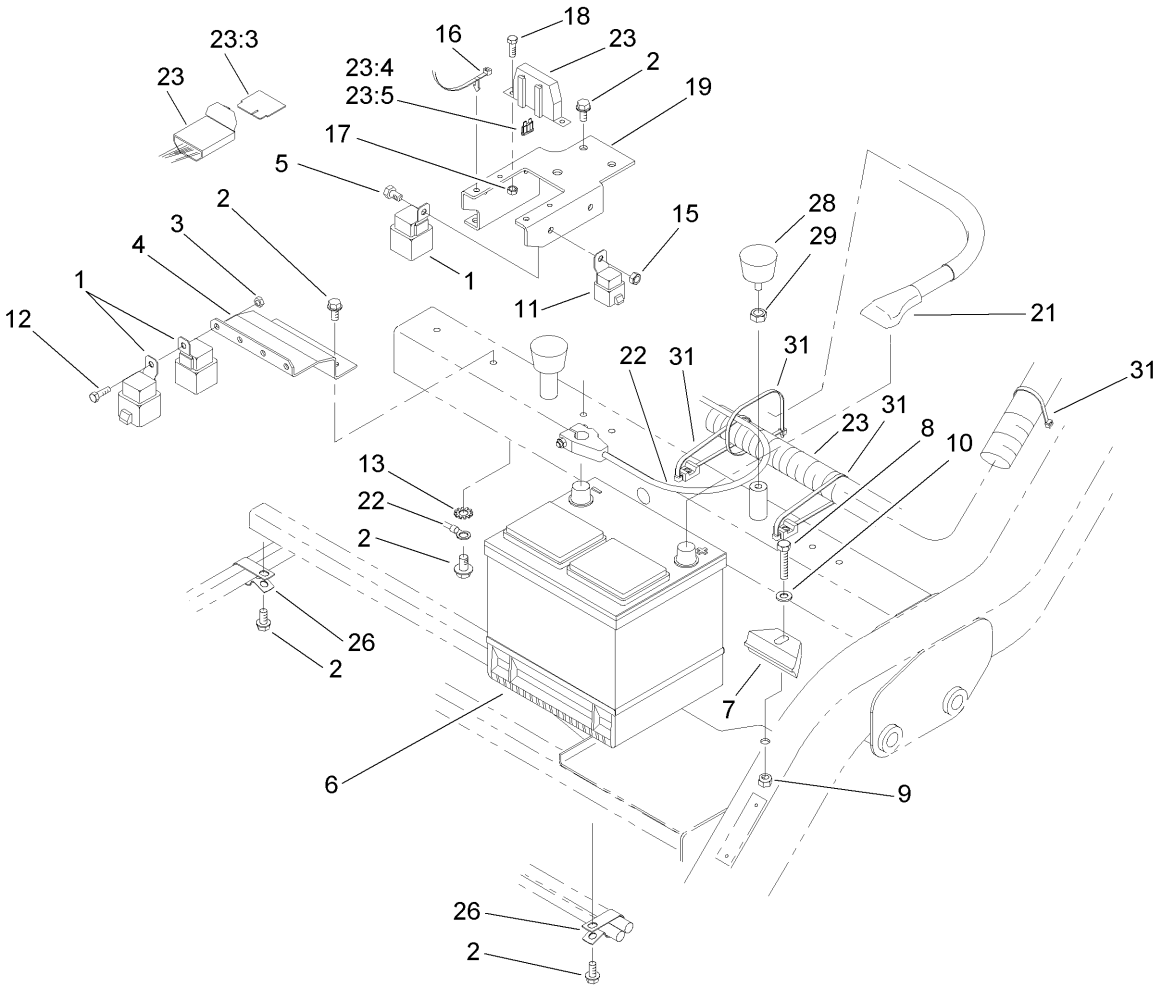
Ref.	Part Number	Qty.	Description
15	94-6398	1	Bracket-Traction
16	3256-23	1	Washer-Flat
17	75-5470	1	Spacer-Bearing
19	251-259	1	Bearing-Ball
20	94-9617	1	Pin-Spring
21	233-42	1	Knob
22	94-9614	1	Pivot-Roller
23	94-9619	1	Bushing
24	3256-67	1	Washer-Flat
25	94-9618	1	Spacer-Spring
26	94-9620	1	Spring-Torsion
27	33023-00	1	Nut-Lock
28	106-6356	1	Shield-Switch



Seat Assembly

Ref.	Part Number	Qty.	Description
1	104-4620	1	Seat
2	322-2	2	Screw-HH
3	3256-23	6	Washer-Flat
4	93-2135-03	1	Seat Support ASM
5	93-2128	1	Panel-Base, Seat
6	3274-39	9	Screw-HSBH
7	3256-77	6	Washer-Flat
8	3296-12	9	Nut-Lock, NI
9	77-3780	1	Pin ASM
9:10	28-8070	1	Lanyard
10	93-2422	2	Rod-Pivot, Seat
11	32121-7	3	Pin-Roll, Slotted
12	237-100	1	Grommet
13	92-8990	1	Adjuster-Slave
14	92-8991	1	Adjuster ASM (W/Latch)
15	3296-29	4	Nut-Lock, NI
16	104-7050	1	Tube-Manual
17	2412-133	2	R-Clamp
18	3290-378	1	Tie-Cable
19	99-4208	1	Shroud-Console
20	94-4547-03	1	Panel-Lower, RH
21	32104-32	2	Screw-HWH
22	33113-016	2	Screw-HH
23	3256-1	3	Washer-Flat
24	93-6686	1	Decal-Oil, HYD
25	106-6381	1	Decal-Service, French

Ref.	Part Number	Qty.	Description
25	106-6380	1	Decal-Service, Spanish
25	106-6379	1	Decal-Service
25	106-6382	1	Decal-Service, German
25	106-6383	1	Decal-Service, Swedish
25	106-6384	1	Decal-Service, Italian
25	106-6388	1	Decal-Service, Danish
25	106-6387	1	Decal-Service, Finnish
25	106-6386	1	Decal-Service, Norwegian
25	106-6389	1	Decal-Service, Dutch
25	106-6390	1	Decal-Service, Japanese
25	106-6385	1	Decal-Service, Portuguese
26	93-6689	1	Decal-No Riders
27	94-2579	1	Decal
28	93-5447	2	Nut-Clinch
29	3274-12	4	Screw-HSH
30	93-7252	1	Decal-Ce Mark
31	94-4546-03	1	Panel-Extension
32	3290-282	1	Rivet-Blind
33	3256-49	1	Washer-Flat
34	33113-012	1	Screw-HH
35	92-6282	1	Switch-Seat
36	32144-10	2	Screw-HWH
37	99-4247	1	Wire-Hook
38	105-4674	1	Decal-Noise
39	104-7048	1	Cap-Housing
40	105-8324	1	Decal-Instructions, Backlap

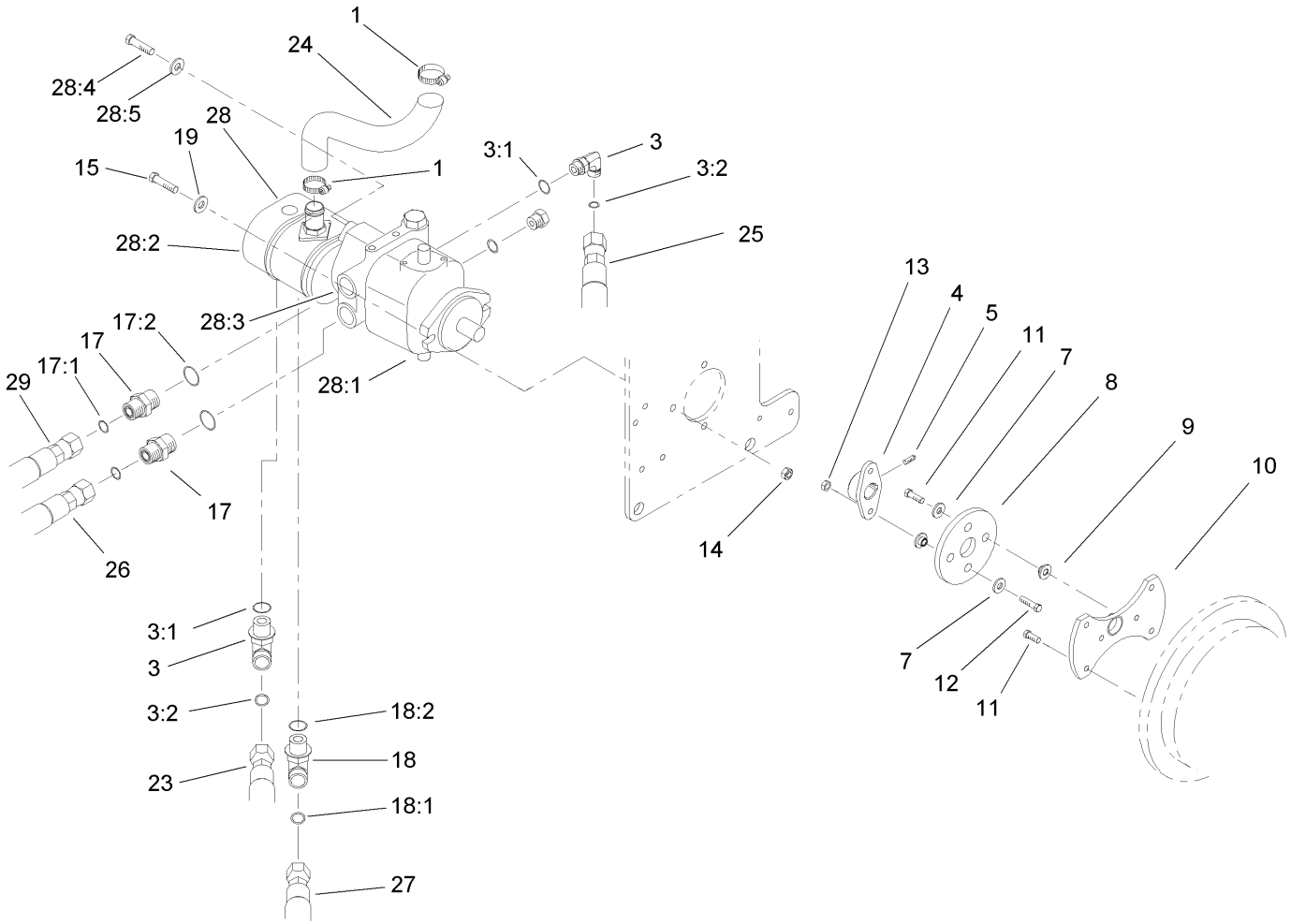


Battery and Electrical Component Assembly

Ref.	Part Number	Qty.	Description
1	99-7430	9	Relay
2	32144-11	7	Screw-HWHTF
3	33023-00	4	Nut-Lock
4	93-2169-01	1	Bracket-Relay
5	3290-134	1	Screw
6	106-5187	1	Battery
7	66-2490	1	Retainer-Battery
8	33115-040	1	Screw-HH
9	33025-00	1	Nut-Lock, NI
10	3256-24	1	Washer-Flat
11	99-7435	1	Relay-Power
12	33113-016	4	Screw-HH
13	3254-2	1	Washer-Lock, Internal
15	3296-2	1	Nut-Lock, NI
16	94-1325	2	Tie-Mount, Push
17	3296-2	2	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
18	32105-13	2	Screw-HWH
19	100-3186-03	1	Bracket-Holder, Fuse
21	95-8853	1	Cable-Battery, Positive
22	99-8167	1	Cable-Battery, Negative
23	110-3984	1	Harness-Wire
23:3	92-3188	2	Diode-Board, Circuit
23:4	109355	1	Fuse-Blade, 15 Amp
23:5	218-578	2	Fuse-Blade, 10 Amp
23:6	104-4022	1	Resistor-75 Ohm ●
26	92-5753	2	Clamp-Hose
28	68-3270	2	Bumper-Rubber
29	3218-2	2	Nut-Jam
31	3290-378	6	Tie-Cable
32	99-3441	1	Harness-Wire, Fusible Link ●

● Not illustrated

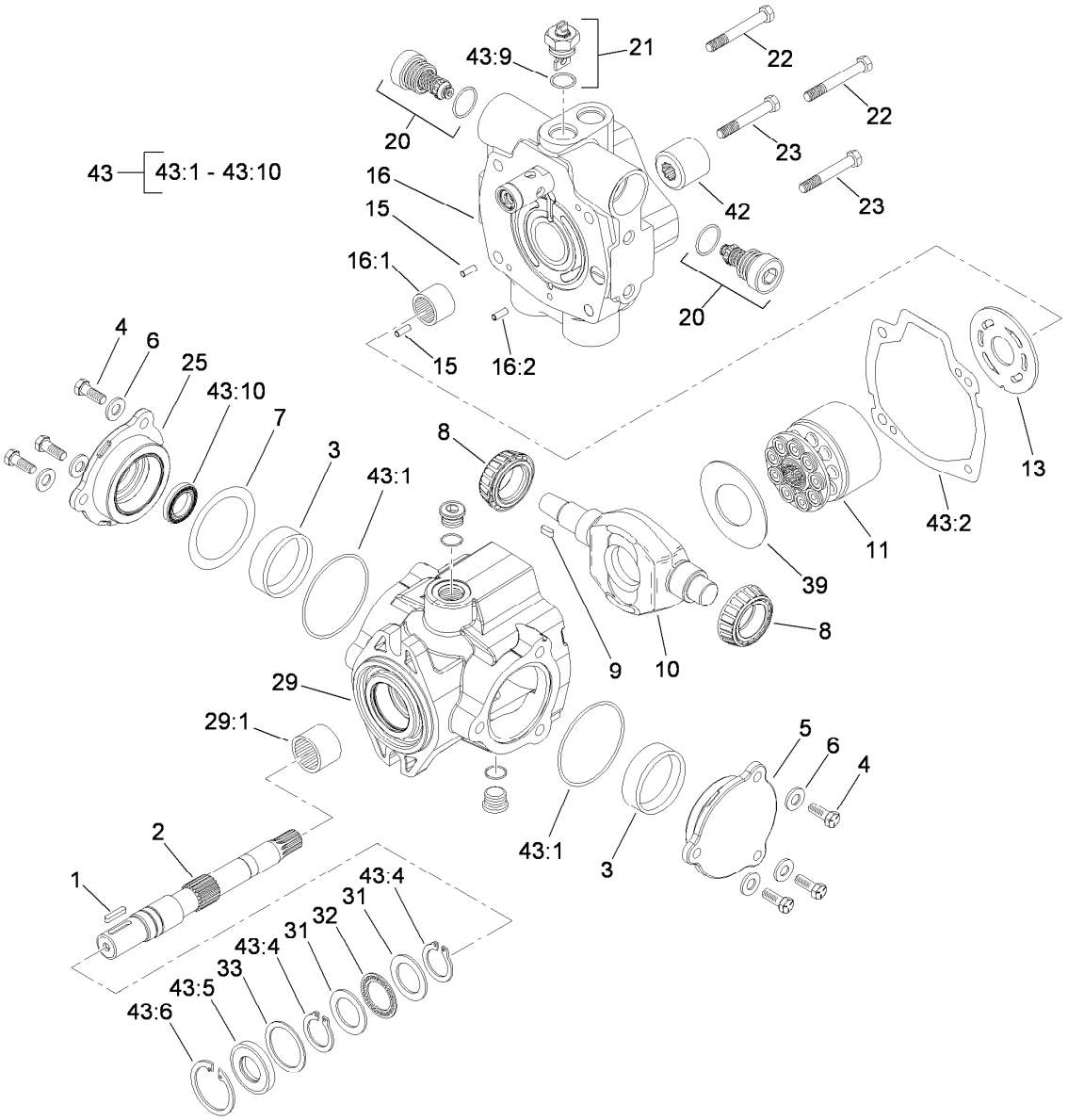


Hydrostat and Gear Pump Drive Assembly

Ref.	Part Number	Qty.	Description
1	2412-34	2	Clamp-Hose
3	340-18	2	Fitting-HYD, 90 DEG
3:1	237-79	1	O-Ring
3:2	237-22	1	O-Ring
4	93-2589	1	Hub-Pump
5	3241-6	2	Screw-SQH
7	3256-3	2	Washer-Flat
8	80-8650	1	Coupling-Drive
9	27-6600	4	Spacer-Coupling
10	93-2220-03	1	Adapter-Pump
11	33114-020	6	Screw-HH
12	33114-030	1	Screw-HH
13	33024-00	2	Nut-Lock
14	33025-00	2	Nut-Lock, NI
15	33115-040	2	Screw-HH
17	340-8	2	Adapter
17:1	237-65	1	O-Ring
17:2	237-81	1	O-Ring

Ref.	Part Number	Qty.	Description
18	340-17	1	Fitting-HYD, 90 DEG
18:1	237-65	1	O-Ring
18:2	237-80	1	O-Ring
19	100-4852	2	Washer-Hardened
23	105-4339	1	HYD Hose ASM
24	99-1905	1	Hose-Inlet, Pump
25	108-6514	1	Hose ASM
26	99-4220	1	Hose ASM
27	99-4216	1	Hose ASM
28		1	Hydrostat/Gear Pump ASM ●
28:1	105-0494	1	Hydrostat ASM
28:2	104-7737	1	Gear Pump ASM
28:3	60-3520	1	O-Ring
28:4	3274-1	2	Screw-HSH
28:5	3256-24	2	Washer-Flat
29	99-4217	1	HYD Hose ASM

● Not serviced separately

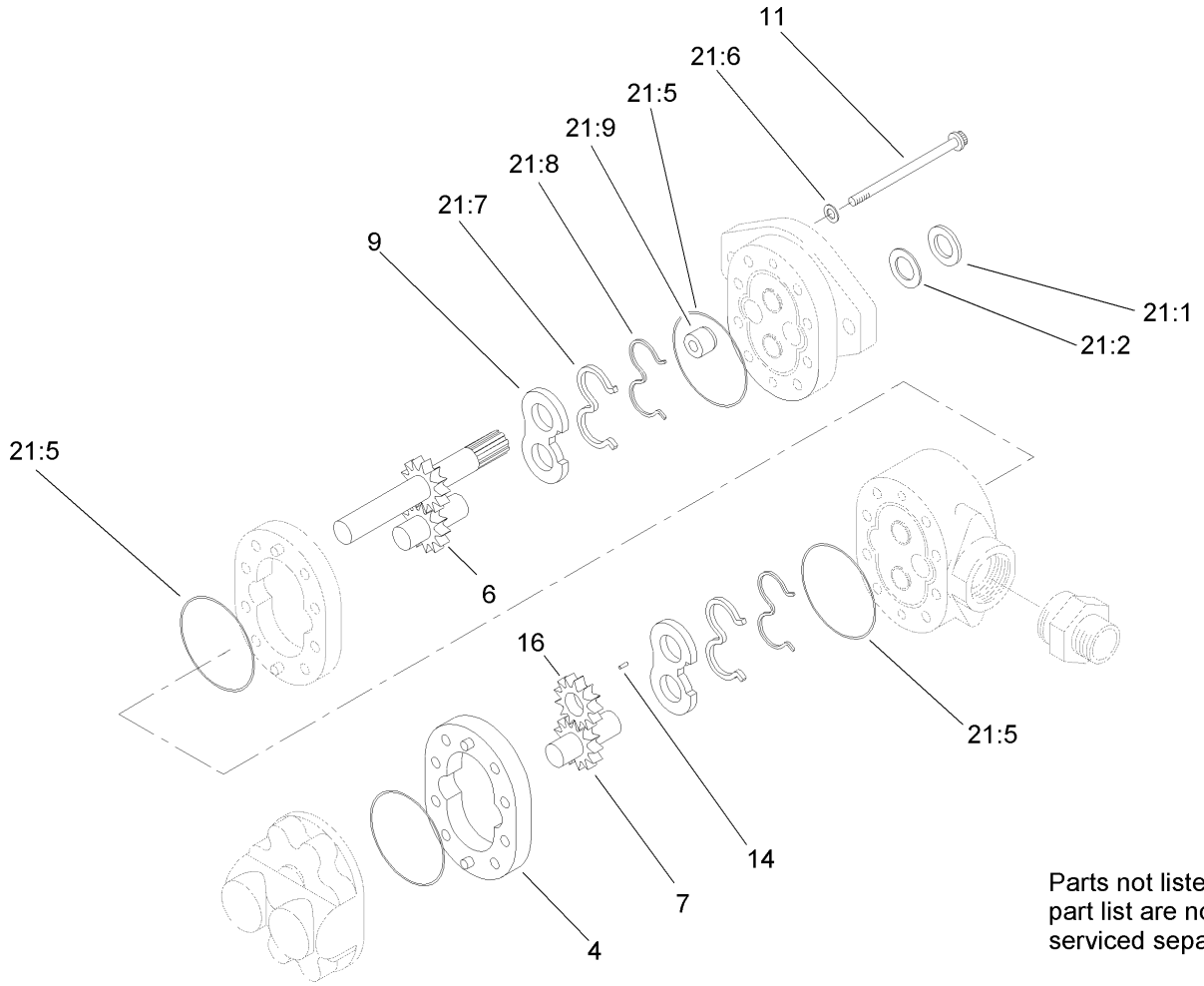


Hydraulic Pump Assembly No. 105-0494

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	Plate-Valve
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



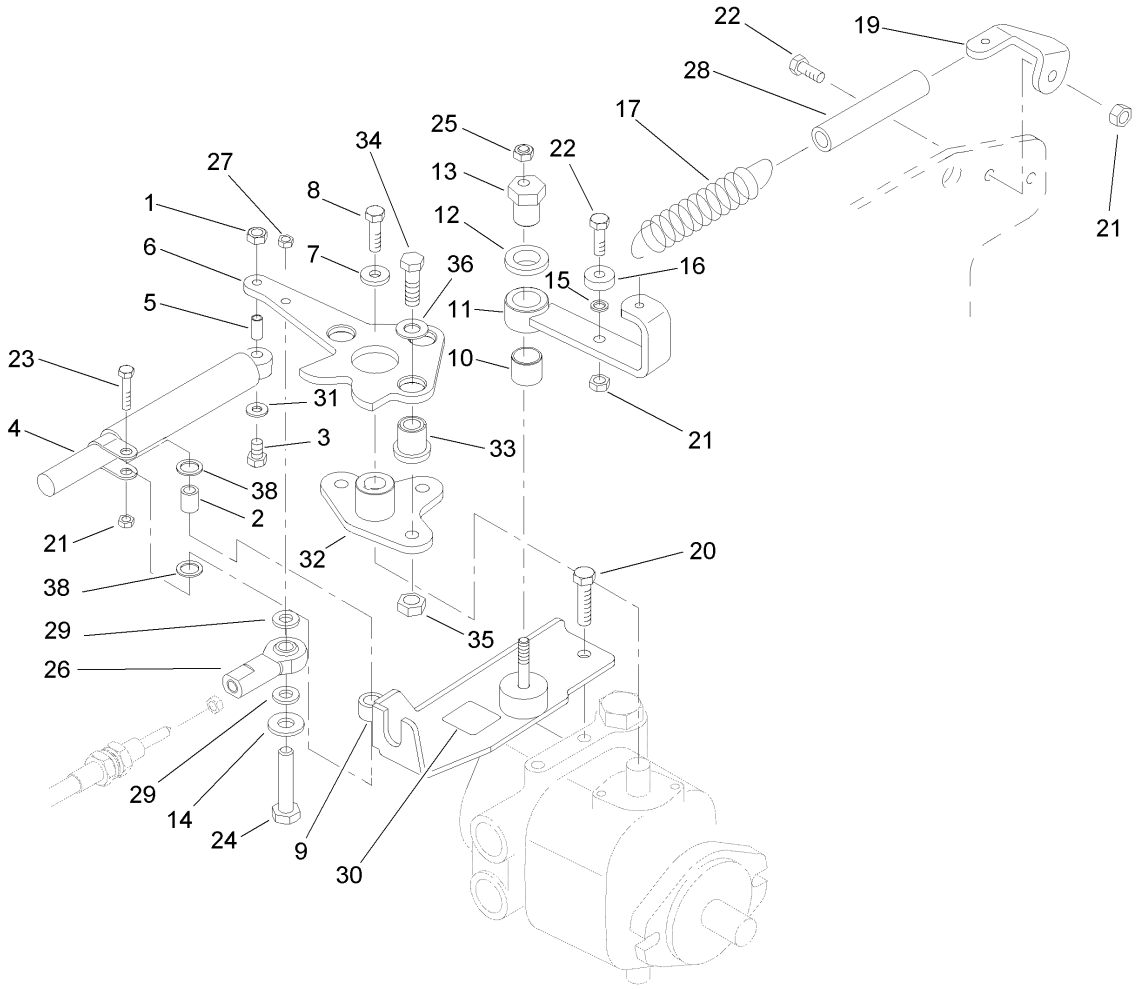
Parts not listed in part list are not serviced separately

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
12		4	Seal-Dust ■
13		1	Plate-Adapter ■
14		1	Key ■
16	95-4373	1	Gear-Fit, Slip
21	94-8161	1	Seal Repair Kit ●
21:1	49-2640	1	Seal-Shaft
21:2	60-5890	1	Washer
21:5		4	Seal-Dust ■
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 illustrated

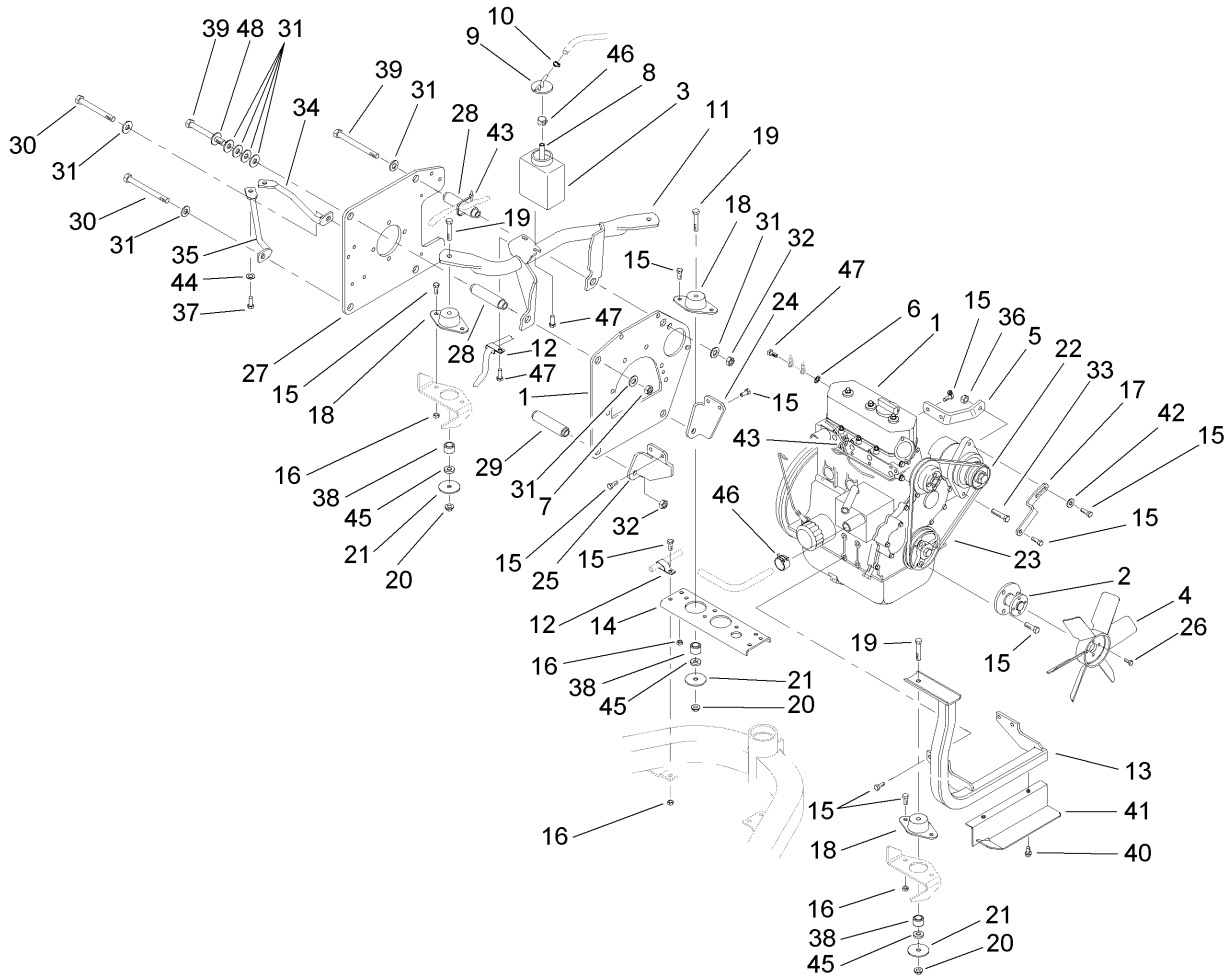
■ Not serviced separately



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	94-3488-03	1	Lever-Pump
7	88-7200	1	Washer-Flat
8	3210-6	1	Screw-HH
9	100-9846	1	Support-Cable
10	94-9609	1	Bushing-Straight
11	94-4527	1	Arm-Neutral
12	3-6498	1	Washer-Thrust
13	93-2111	1	Stud-Traction
14	3256-22	1	Washer-Flat
15	75-5470	1	Spacer-Bearing
16	251-259	1	Bearing-Ball
17	99-4254	1	Spring-Extension
19	99-4276	1	Bracket-Spring

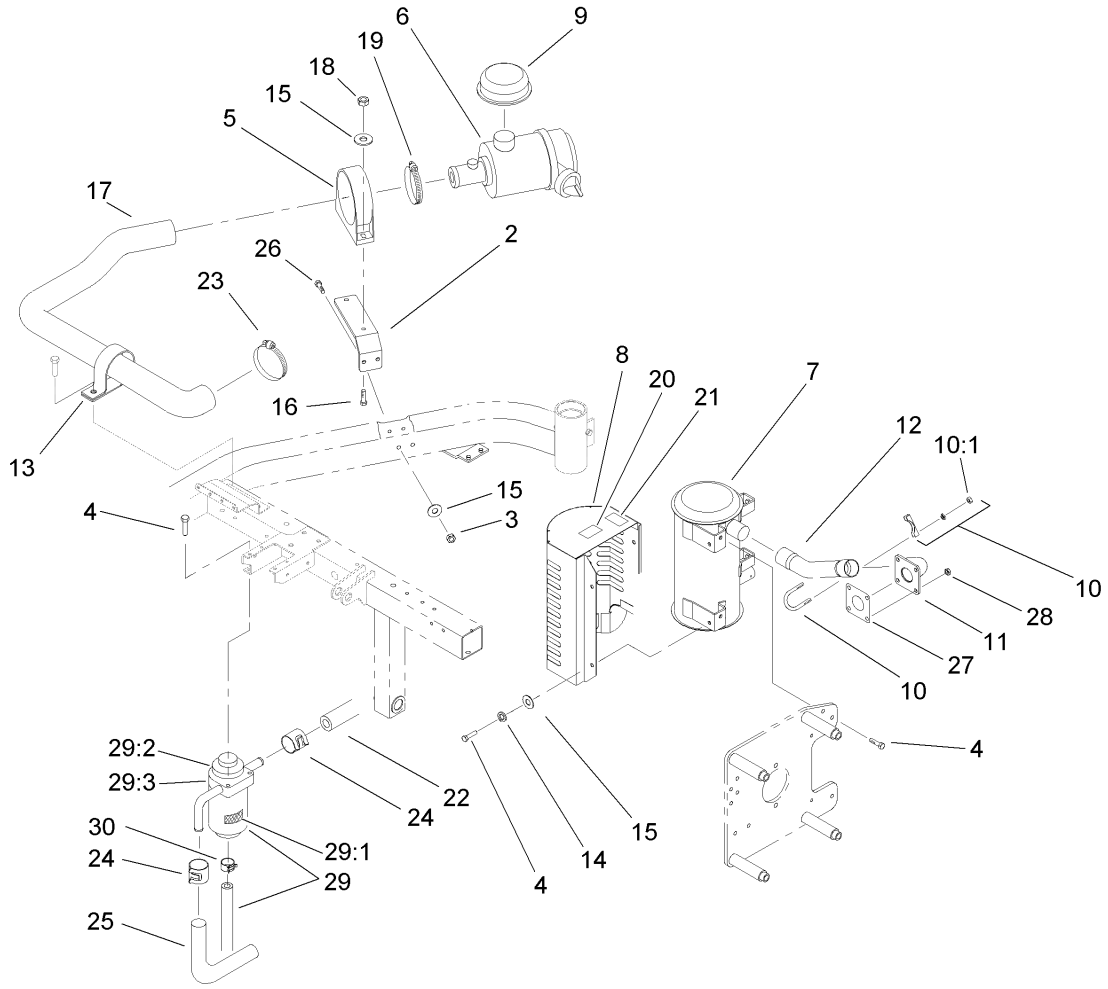
Ref.	Part Number	Qty.	Description
20	323-4	2	Screw-HH
21	33024-00	3	Nut-Lock
22	33114-025	2	Screw-HH
23	33114-030	1	Screw-HH
24	321-8	1	Screw-HH
25	3296-29	1	Nut-Lock, NI
26	2411-41	1	Rod End-Ball Joint
27	3296-42	1	Nut-Lock, NI
28	99-4251	1	Hose-Dampener
29	33093-00	2	Washer-Flat
30	93-9051	1	Decal-Bolt, Eccentric
31	3256-22	1	Washer-Flat
32	94-3486	1	Plate
33	63-9750	3	Mount
34	33115-035	3	Screw-HH
35	33025-00	3	Nut-Lock, NI
36	2844	3	Washer
38	94-8196	2	Washer-Nylon



Engine Installation Assembly

Ref.	Part Number	Qty.	Description
1	99-1481	1	Engine
2	99-1495	1	Adapter-Fan
3	93-2049	1	Tank-Overflow
4	93-2090	1	Fan-Engine
5	93-2445	1	Bracket-Alternator, Upper
6	3254-2	1	Washer-Lock, Internal
7	51-2070	1	Nut
8	108-3283	1	Hose-Fuel
9	93-2048	1	Cap-Tank, Overflow
10	2412-108	1	Clamp-Worm
11	100-3190-03	1	Engine Mount ASM
12	92-5753	2	Clamp-Hose
13	99-1473-03	1	Mount-Engine, Front
14	93-2020-01	1	Bracket-Support
15	33114-020	26	Screw-HH
16	33024-00	4	Nut-Lock
17	93-2446	1	Bracket-Alternator, Lower
18	83-1030	3	Mount-Engine
19	323-11	3	Screw-HH
20	3290-357	3	Nut-HHF, Whiz
21	83-1040	3	Washer-Flat
22	99-9209	1	Alternator
23	99-8153	1	Belt-V
24	99-4189-03	1	Bracket-Engine, LH

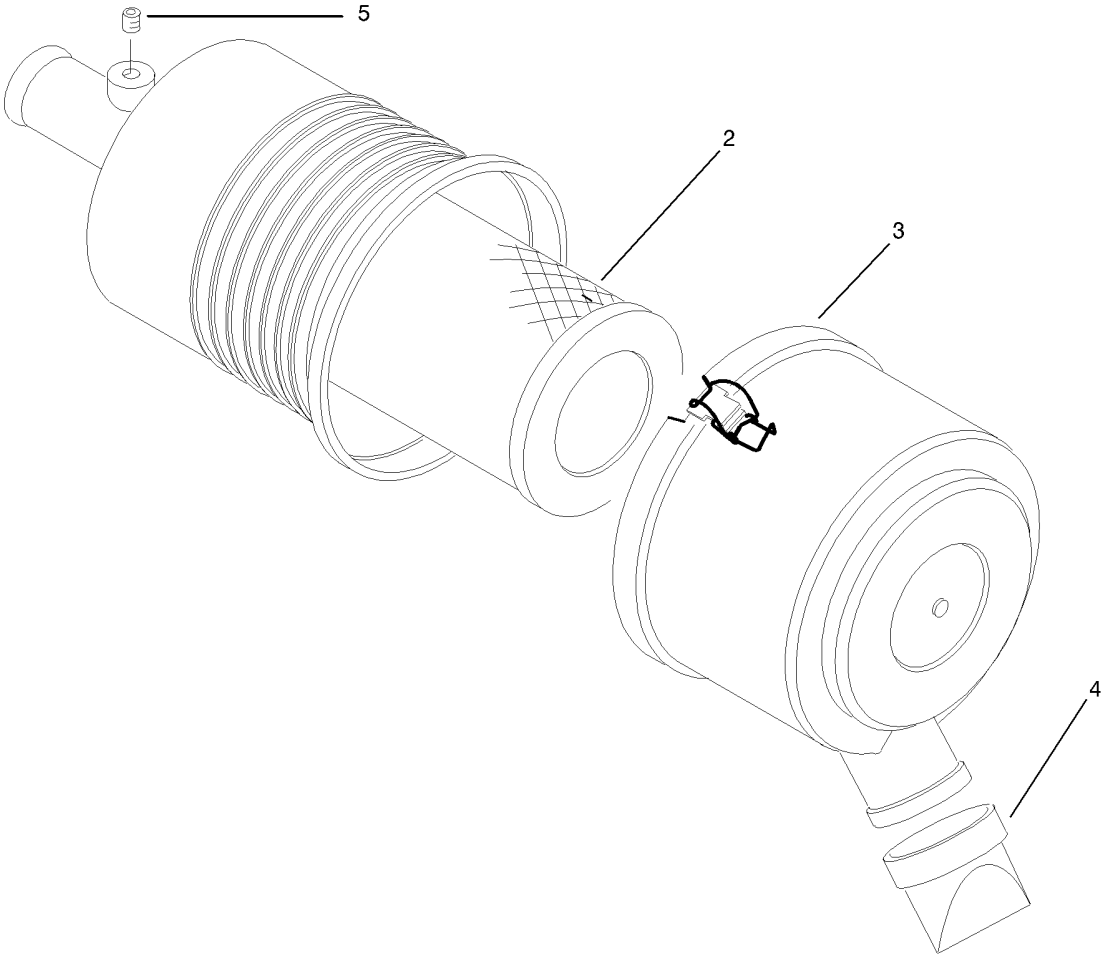
Ref.	Part Number	Qty.	Description
25	99-4188-03	1	Bracket-Engine, RH
26	33113-016	4	Screw-HH
27	99-4190-03	1	Plate-Pump
28	93-2588	2	Spacer-Upper
29	93-2174	2	Spacer
30	33116-130	2	Screw-HH
31	87-7270	9	Washer-Thrust
32	33026-00	3	Nut-Lock
33	33115-050	1	Screw-HH
34	99-4240	1	Brace-Wireform, LH
35	99-4238	1	Brace-Wireform, RH
36	33025-00	1	Nut-Lock, NI
37	323-4	2	Screw-HH
38	94-4538	3	Spacer-Mount
39	33116-120	2	Screw-HH
40	32104-32	2	Screw-HWH
41	94-8156-03	1	Deflector-Fan
42	3256-3	1	Washer-Flat
43	3290-378	2	Tie-Cable
44	3256-24	2	Washer-Flat
45	66-6480	3	Washer
46	92-2379	2	Clamp-Hose
47	33114-016	3	Screw-HH
48	73-0040	1	Washer-Thrust



Air Cleaner and Exhaust Assembly

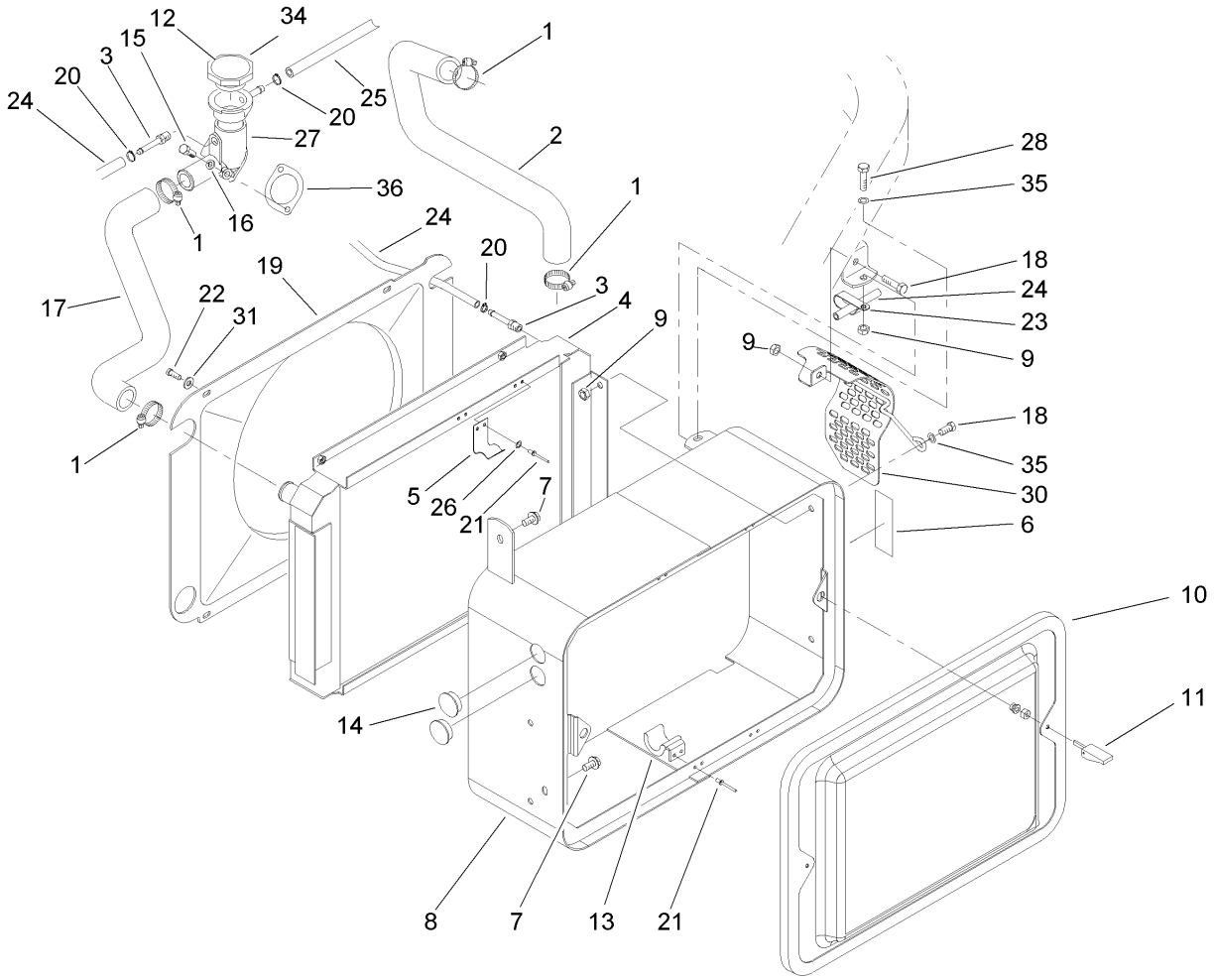
Ref.	Part Number	Qty.	Description
2	99-4203-03	1	Bracket-Cleaner, Air
3	33024-00	2	Nut-Lock
4	33114-020	8	Screw-HH
5	95-5806	1	Bracket-Mounting
6	95-5805	1	Air Cleaner ASM
7	94-8153	1	Muffler
8	94-8182-03	1	Shield-Muffler ASM
9	46-7510	1	Hood-Inlet, Air
10	2112-9	2	Clamp
10:1	32128-20	2	Nut-HF
11	99-1472	1	Plate-Exhaust
12	99-1494	1	Pipe-Exhaust
13	2412-107	1	Clamp-R
14	3253-4	4	Washer-Lock
15	3256-23	4	Washer-Flat
16	322-16	2	Screw-HH
17	99-4204	1	Hose-Cleaner, Air

Ref.	Part Number	Qty.	Description
18	3296-29	2	Nut-Lock, NI
19	2412-92	1	Clamp-Hose
20	93-8069	1	Decal-Surface, Hot
21	93-7275	1	Decal-Fluid, Starting
22	110-4112	1	Hose-Fuel
23	2412-130	1	Clamp-Hose
24	92-2379	2	Clamp-Hose
25	110-4007	1	Hose-Fuel
26	33114-080	2	Screw-HH
27	99-9179	1	Gasket-Exhaust
28	99-9176	4	Nut-Hex
29	100-3191	1	Separator-Fuel
29:1	100-3192	1	Element-Filter, Fuel
29:2	100-6409	1	Sensor-Filter, Fuel
29:3	100-6408	1	Cover-Filter
30	94-8189	1	Clamp-Hose



Air Cleaner Assembly No. 95-5805

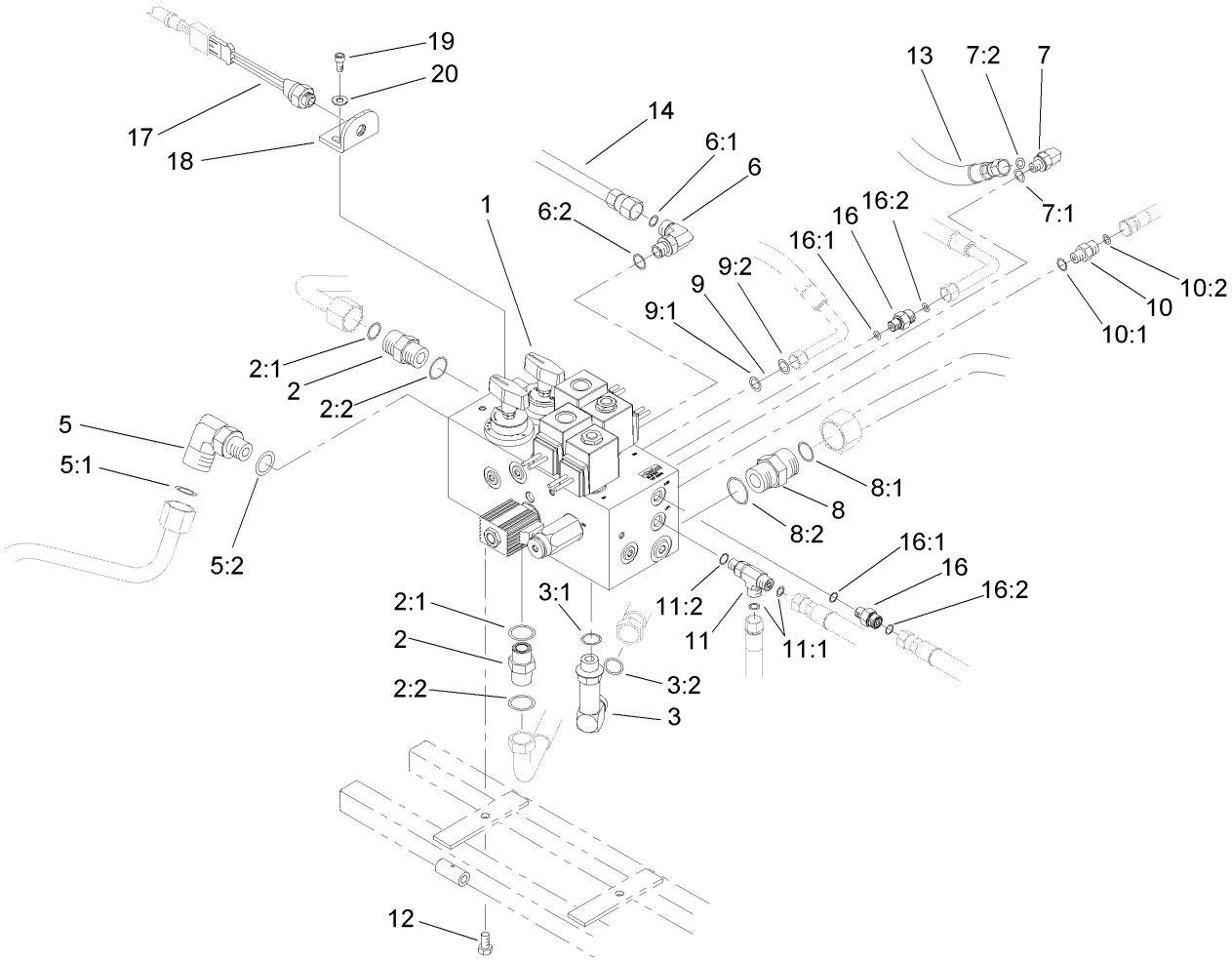
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Radiator Assembly

Ref.	Part Number	Qty.	Description
1	2412-34	4	Clamp-Hose
2	99-1469	1	Hose-Radiator
3	304-73	2	Connector-Hose
4	99-8193	1	Radiator
5	104-7736	1	Bracket-Cooler, Upper
6	93-6681	1	Decal-Warning, Fan
7	32104-32	2	Screw-HWH
8	106-9056-01	1	Support-Radiator
9	33024-00	6	Nut-Lock
10	100-3172-03	1	Screen ASM
11	74-5950	2	Latch-Swell
12	106-5976	1	Decal-Warning
13	93-2424	2	Bracket-Cooler, Lower
14	94-4528	2	Plug
15	33113-025	2	Screw-HH
16	3253-3	2	Washer-Lock
17	93-2018	1	Hose-Radiator

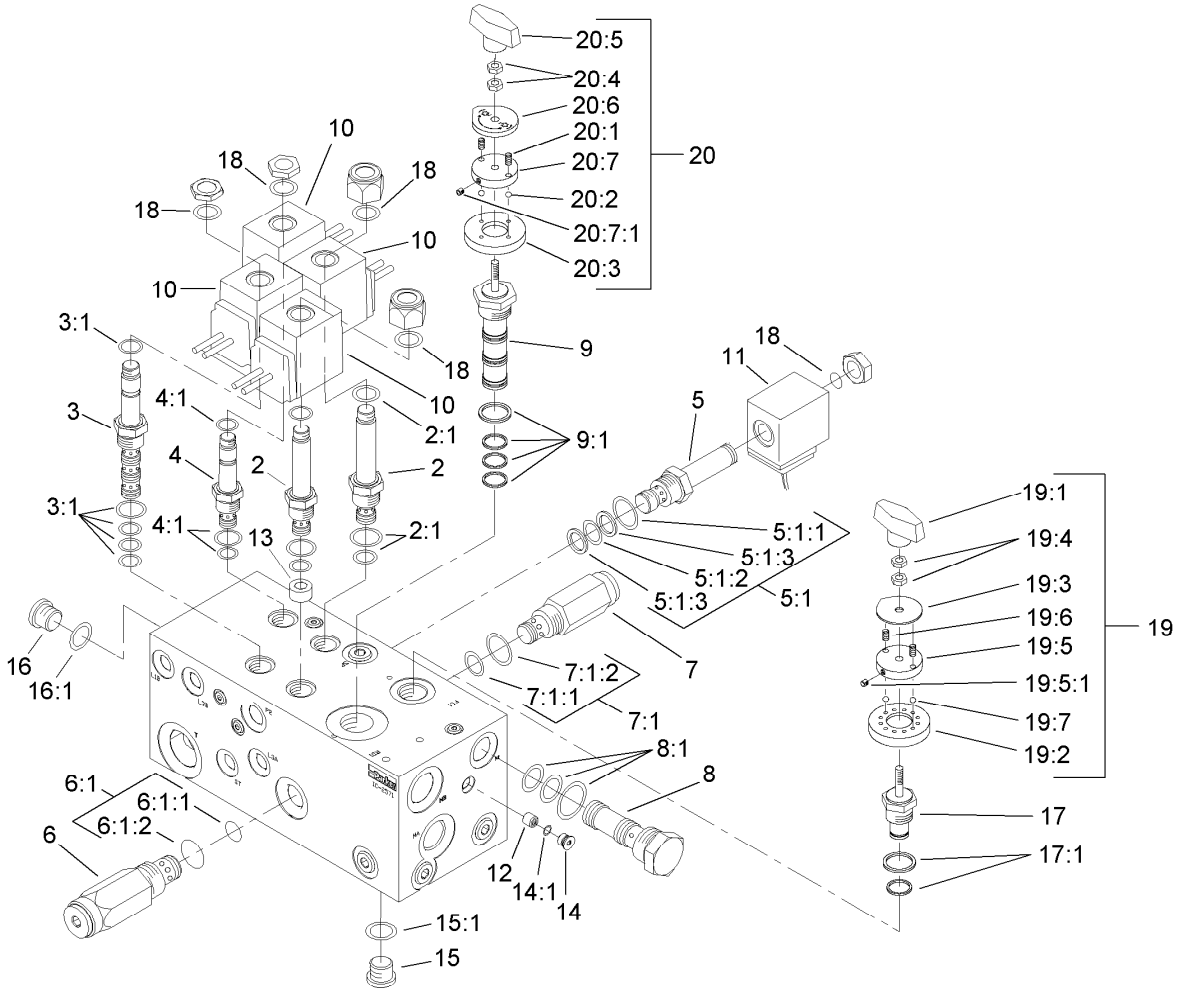
Ref.	Part Number	Qty.	Description
18	33114-020	5	Screw-HH
19	93-2320	1	Shroud-Fan
20	2412-108	3	Clamp-Worm
21	3269-15	6	Rivet-Pop
22	33113-016	4	Screw-HH
23	92-5753	1	Clamp-Hose
24	109-0281	1	Hose-Fuel
25	110-4112	1	Hose-Fuel
26	3269-6	2	Washer-Flat
27	93-2448	1	Thermostat Housing ASM
28	33114-025	1	Screw-HH
30	100-3164-03	1	Guard-Alternator
31	3256-22	4	Washer-Flat
34	66-3240	1	Cap-Radiator
35	3256-23	2	Washer-Flat
36	99-9163	1	Gasket-Outlet



Manifold Block Installation Assembly

Ref.	Part Number	Qty.	Description
1	107-2570	1	Mow/Lift Manifold ASM
2	340-7	2	Adapter
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	99-6160	1	Fitting-Elbow, 90 DEG
3:1	237-30	1	O-Ring
3:2	237-79	1	O-Ring
5	340-17	1	Fitting-HYD, 90 DEG
5:1	237-65	1	O-Ring
5:2	237-80	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	340-132	1	Fitting-HYD, 90 DEG
7:1	237-78	1	O-Ring
7:2	237-21	1	O-Ring
8	340-9	1	Fitting-Straight
8:1	237-58	1	O-Ring
8:2	237-81	1	O-Ring

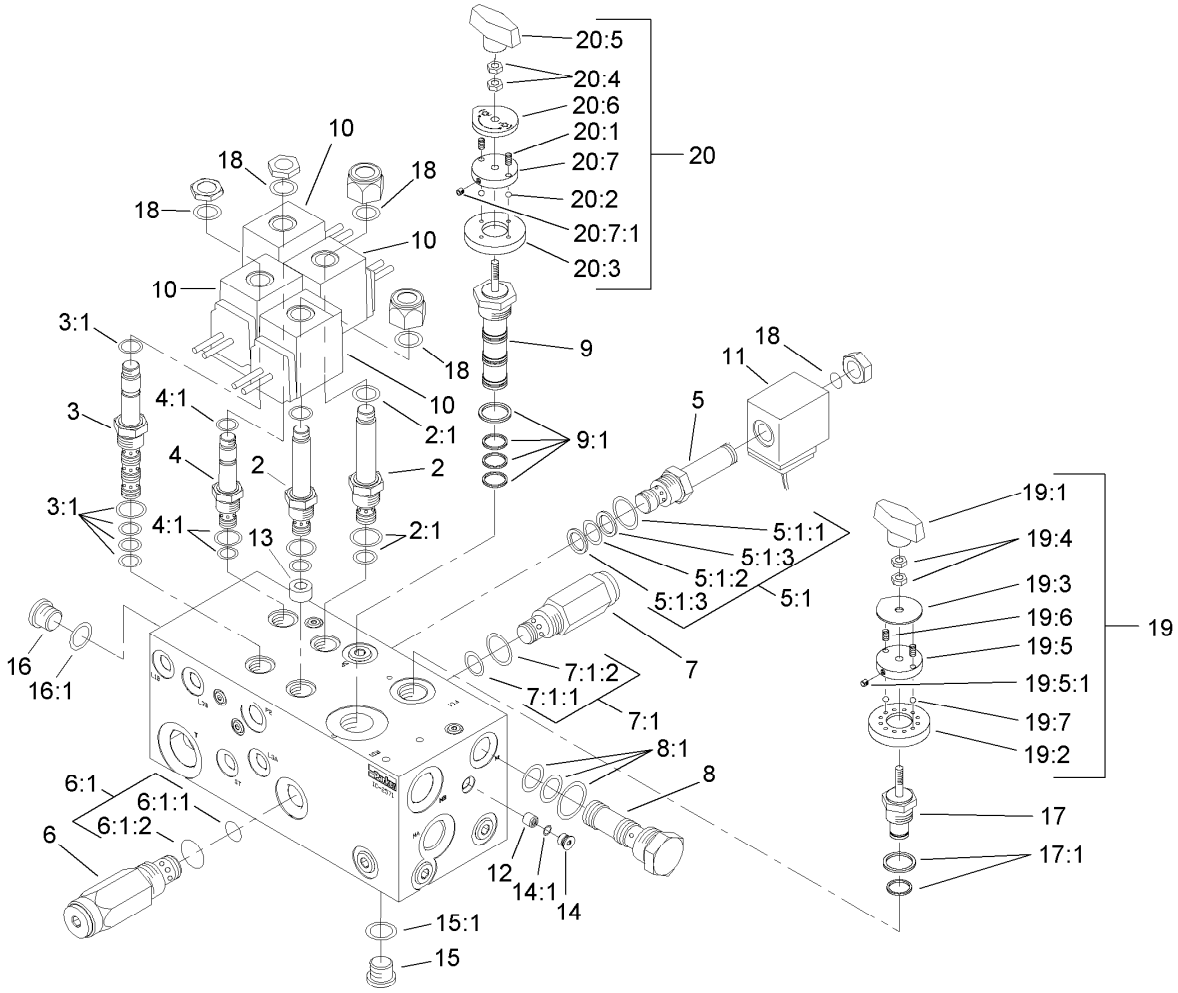
Ref.	Part Number	Qty.	Description
9	340-92	1	Fitting-HYD, Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	95-1639	1	Fitting-HYD
10:1	237-78	1	O-Ring
10:2	237-21	1	O-Ring
11	340-140	1	Adapter-Tee
11:1	237-21	2	O-Ring
11:2	237-78	1	O-Ring
12	33114-016	2	Screw-HH
13	93-2271	1	HYD Hose ASM
14	105-9790	1	Hose ASM
16	95-1639	2	Fitting-HYD
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring
17	72-4320	1	Switch-Ball
18	94-1357	1	Bracket-Backlap
19	3274-52	2	Screw-HSH
20	3256-22	2	Washer-Flat



Mow/Lift Manifold Assembly No. 107-2570

Ref.	Part Number	Qty.	Description
2	93-7494	2	Cartridge
2:1	95-5645	1	Seal Kit
2:1:1		1	Seal-Dust ●
2:1:2		1	Seal-Dust ●
2:1:3		1	P-Ring ●
3	94-2627	1	Cartridge
3:1	95-5642	1	Seal Kit
3:1:1		1	Seal-Dust ●
3:1:2		1	Seal-Dust ●
3:1:3		1	Seal-Dust ●
3:1:4		1	Ring-Boss, Low Compression ●
4	92-6315	1	Cartridge-Poppet, N.C.
4:1	95-5645	1	Seal Kit
4:1:1		1	Seal-Dust ●
4:1:2		1	Seal-Dust ●
4:1:3		1	P-Ring ●
5	106-9087	1	Spool-Type, Stem
5:1	105-3334	1	Seal Kit
5:1:1		1	Seal-Dust ●
5:1:2		1	Seal-Dust ●
5:1:3		2	Ring-Backup ●
6	95-1601	1	Cartridge-Relief
6:1	95-5645	1	Seal Kit
6:1:1		1	Seal-Dust ●
6:1:2		1	Seal-Dust ●
6:1:3		1	P-Ring ●
7	94-6351	1	Cartridge-Relief
7:1	95-5645	1	Seal Kit
7:1:1		1	Seal-Dust ●
7:1:2		1	Seal-Dust ●
7:1:3		1	P-Ring ●
8	95-5634	1	Cartridge-Logic, Spool
8:1	95-5641	1	Seal Kit
9	94-3657	1	Spool ASM
9:1	106-1091	1	Seal Kit
10	88-9190	4	Solenoid Coil Kit
11	106-9086	1	Coil-Solenoid
12	106-9084	1	Plug-Orifice
13	106-9083	1	Plug-Orifice
14	353-991	1	Plug-Hex, Hollow
14:1	237-156	1	O-Ring
15	353-989	8	Plug-Hex, Hollow
15:1	237-42	1	O-Ring
16	353-988	1	Plug-Hex
16:1	237-79	1	O-Ring
17	94-8175	1	Control-Flow, Rotary
17:1	106-1090	1	Seal Kit
18	94-5438	10	Seal-Washer
19	94-3660	1	Detent Kit
19:1	94-5020	1	Knob ASM
19:2	94-5025	1	Plate-Locating

● Not serviced separately

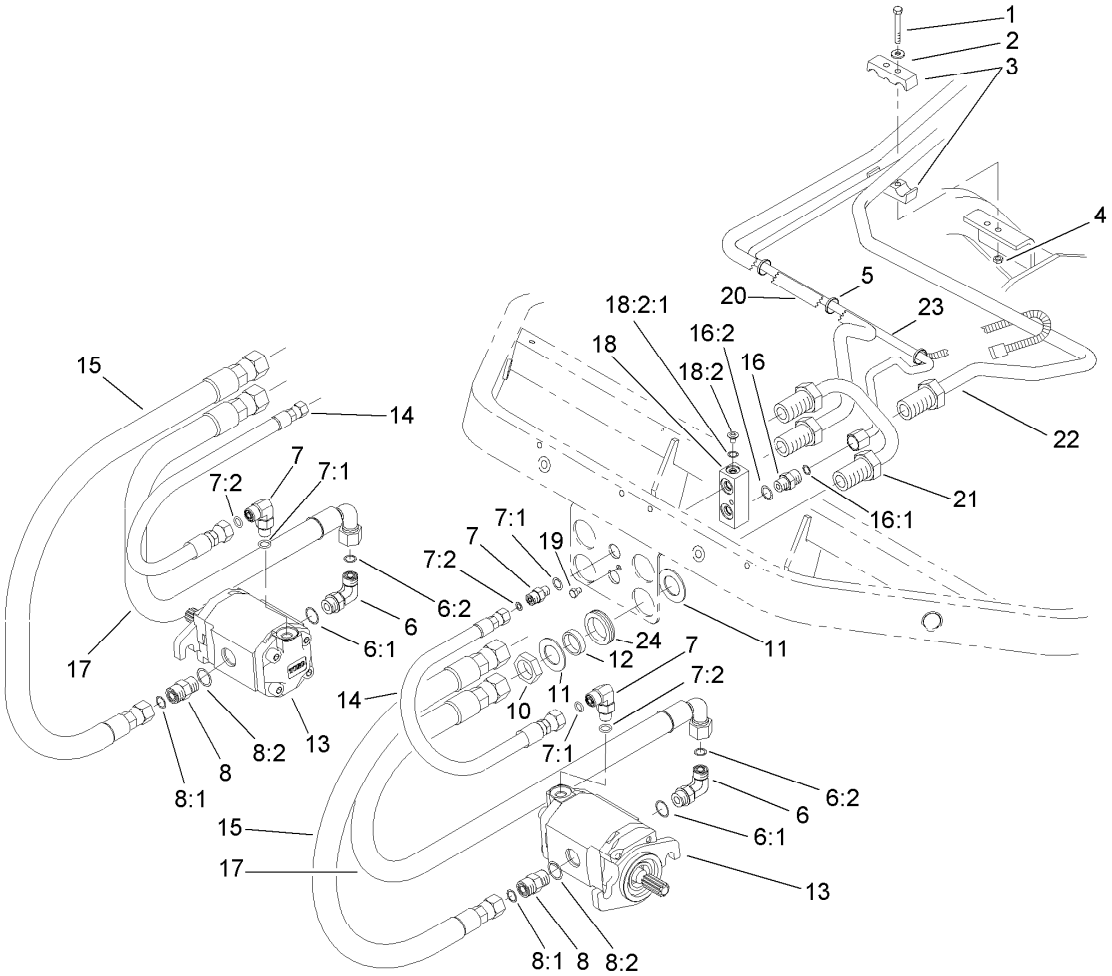


Mow/Lift Manifold Assembly No. 107-2570 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
19:3	94-5026	1	Plate-Indicator
19:4	3218-1	2	Nut-Jam
19:5	94-5023	1	Plate-Detent
19:5:1	3245-36	1	Screw-Set, HSH
19:6	94-5027	2	Spring
19:7	255-13	2	Ball-Steel, Stainless
20	94-6378	1	Detent Kit
20:1	94-5027	2	Spring

Ref.	*Part Number*	*Qty.*	*Description*
20:2	255-13	2	Ball-Steel, Stainless
20:3	94-5021	1	Plate-Locating
20:4	3218-1	2	Nut-Jam
20:5	94-5020	1	Knob ASM
20:6	99-3543	1	Plate-Indicator
20:7	94-5023	1	Plate-Detent
20:7:1	3245-36	1	Screw-Set, HSH
21	99-3543	1	Plate-Indicator

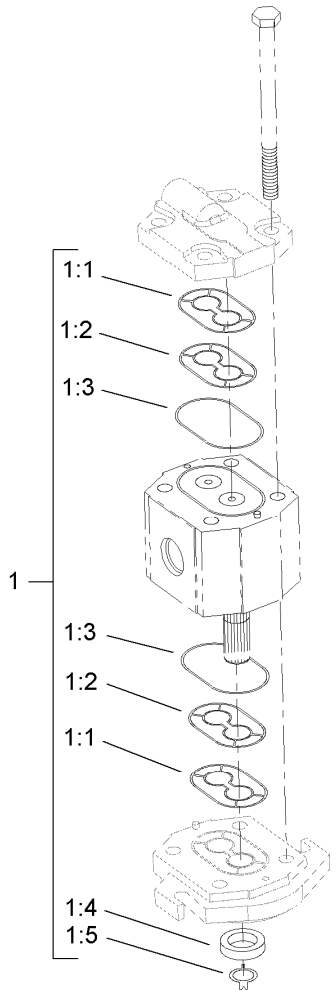
● Not serviced separately



Front Bulkhead and Reel Motor Assembly

Ref.	Part Number	Qty.	Description
1	33113-050	2	Screw-HH
2	3256-1	2	Washer-Flat
3	93-2509	2	Clamp-Tube
4	33023-00	2	Nut-Lock
5	3290-378	3	Tie-Cable
6	340-98	2	Fitting-HYD, 90 DEG
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-132	2	Fitting-HYD, 90 DEG
7:1	237-78	1	O-Ring
7:2	237-21	1	O-Ring
8	340-4	2	Fitting-HYD, Straight
8:1	237-30	1	O-Ring
8:2	237-79	1	O-Ring
10	340-74	2	Nut-Lock, Bulkhead
11	69-9010	4	Washer
12	69-9000	2	Spacer

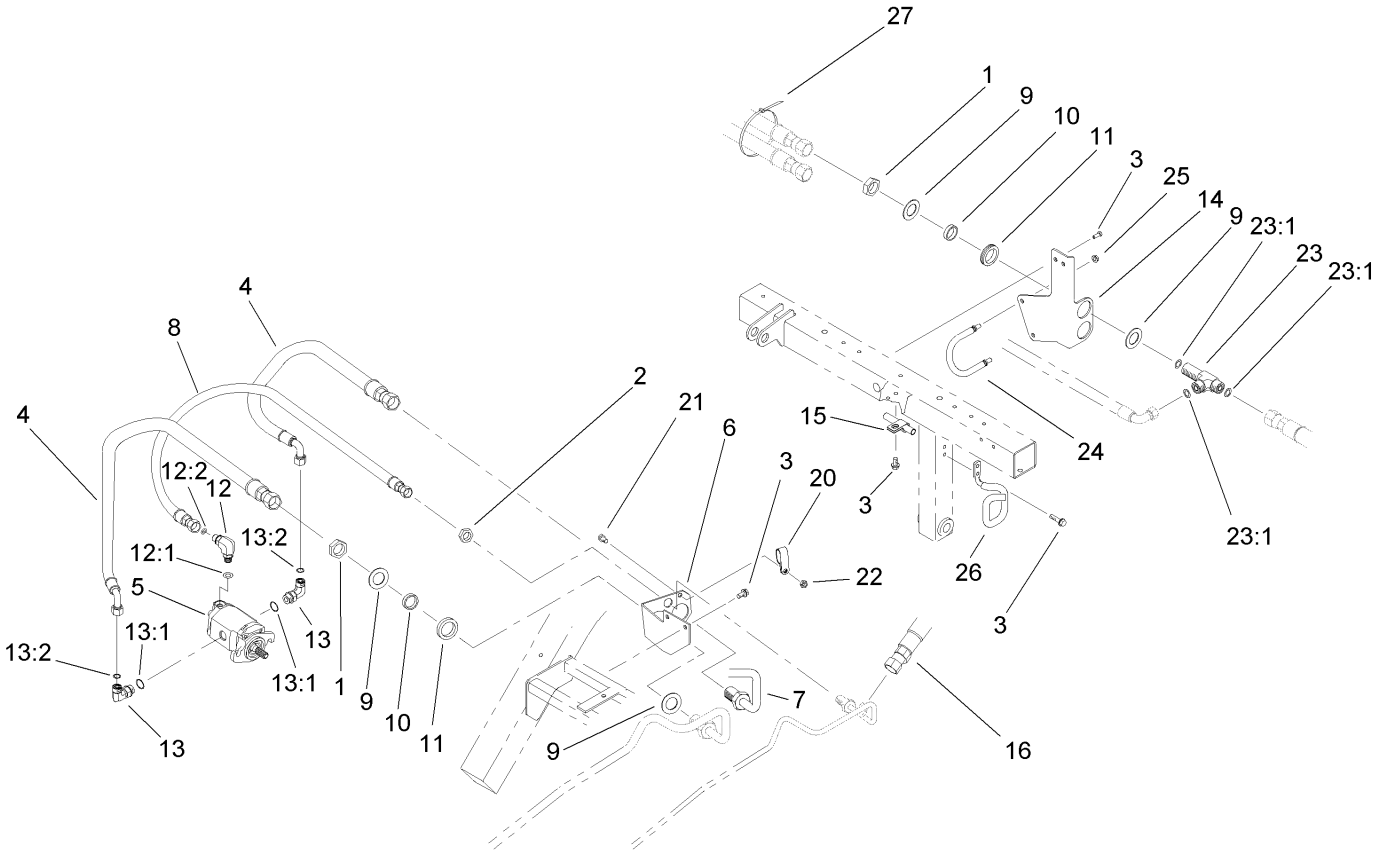
Ref.	Part Number	Qty.	Description
13	100-6426	2	HYD Motor ASM
14	106-9674	2	Hose ASM
15	95-2908	2	Hose ASM
16	340-2	1	Fitting-HYD, Straight
16:1	237-22	1	O-Ring
16:2	237-42	1	O-Ring
17	95-2909	2	Hose ASM
18	93-2238	1	T-Block
18:2	353-991	1	Plug-Hex, Hollow
18:2:1	237-156	1	O-Ring
19	33113-008	1	Screw-HH
20	94-1318	1	Tube-HYD
21	94-1319	1	Tube-HYD
22	94-1320	1	Tube-HYD
23	94-1321	1	Tube-HYD
24	240-3	2	Grommet-Rubber



Reel Motor Assembly No. 100-6426

Ref.	*Part Number*	*Qty.*	*Description*
1	105-9758	1	Seal Kit
1:1		2	Seal-Extrusion, Anti ●
1:2		2	Seal-Pressure ●
1:3		2	Seal-Dust ●
1:4		1	Seal-Shaft ●
1:5		1	Washer-Backup ●

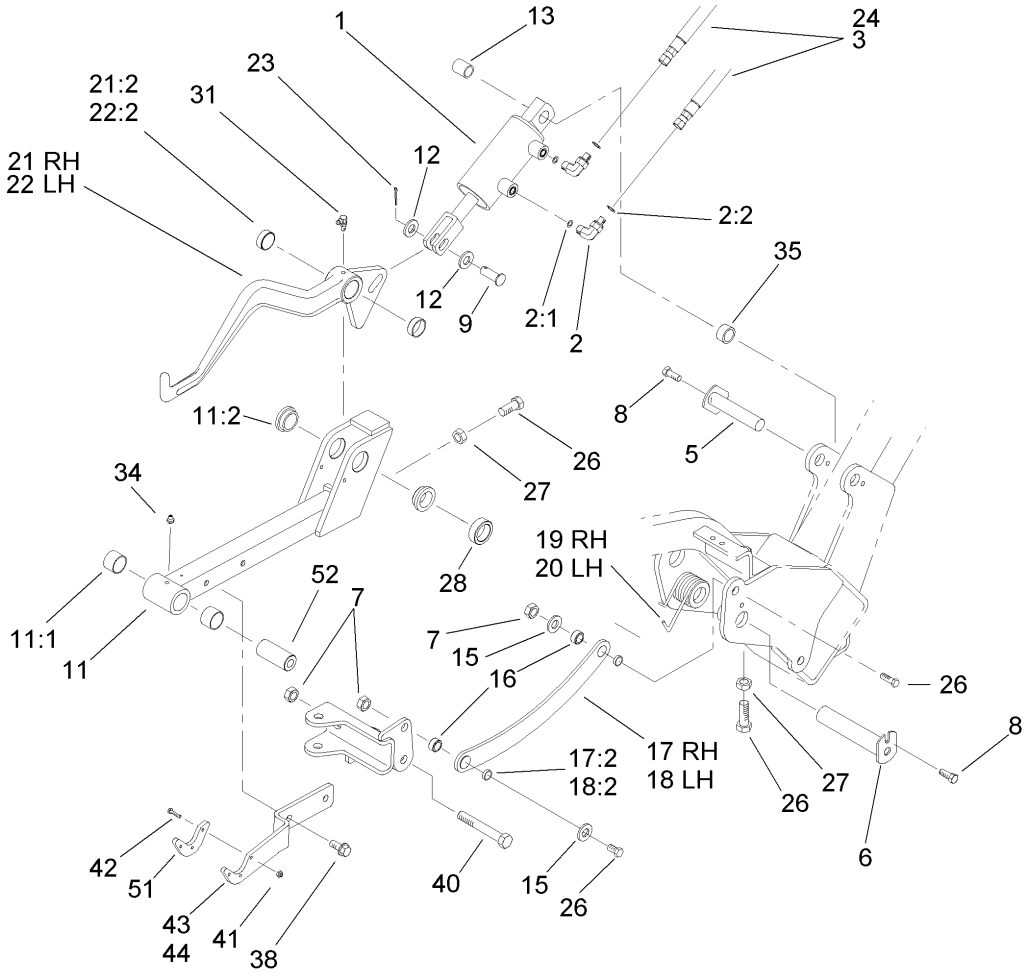
● Not serviced separately



Rear Bulkhead and Reel Motor Assembly

Ref.	Part Number	Qty.	Description
1	340-74	4	Nut-Lock, Bulkhead
2	340-70	1	Nut-Lock
3	32104-32	7	Screw-HWH
4	95-2907	2	Hose ASM
5	100-6426	1	HYD Motor ASM
6	94-1316	1	Bracket-Bulkhead
7	94-1317	1	Tube-HYD
8	105-5405	1	Hose ASM
9	69-9010	8	Washer
10	69-9000	4	Spacer
11	240-3	4	Grommet-Rubber
12	340-132	1	Fitting-HYD, 90 DEG
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
13	340-98	2	Fitting-HYD, 90 DEG

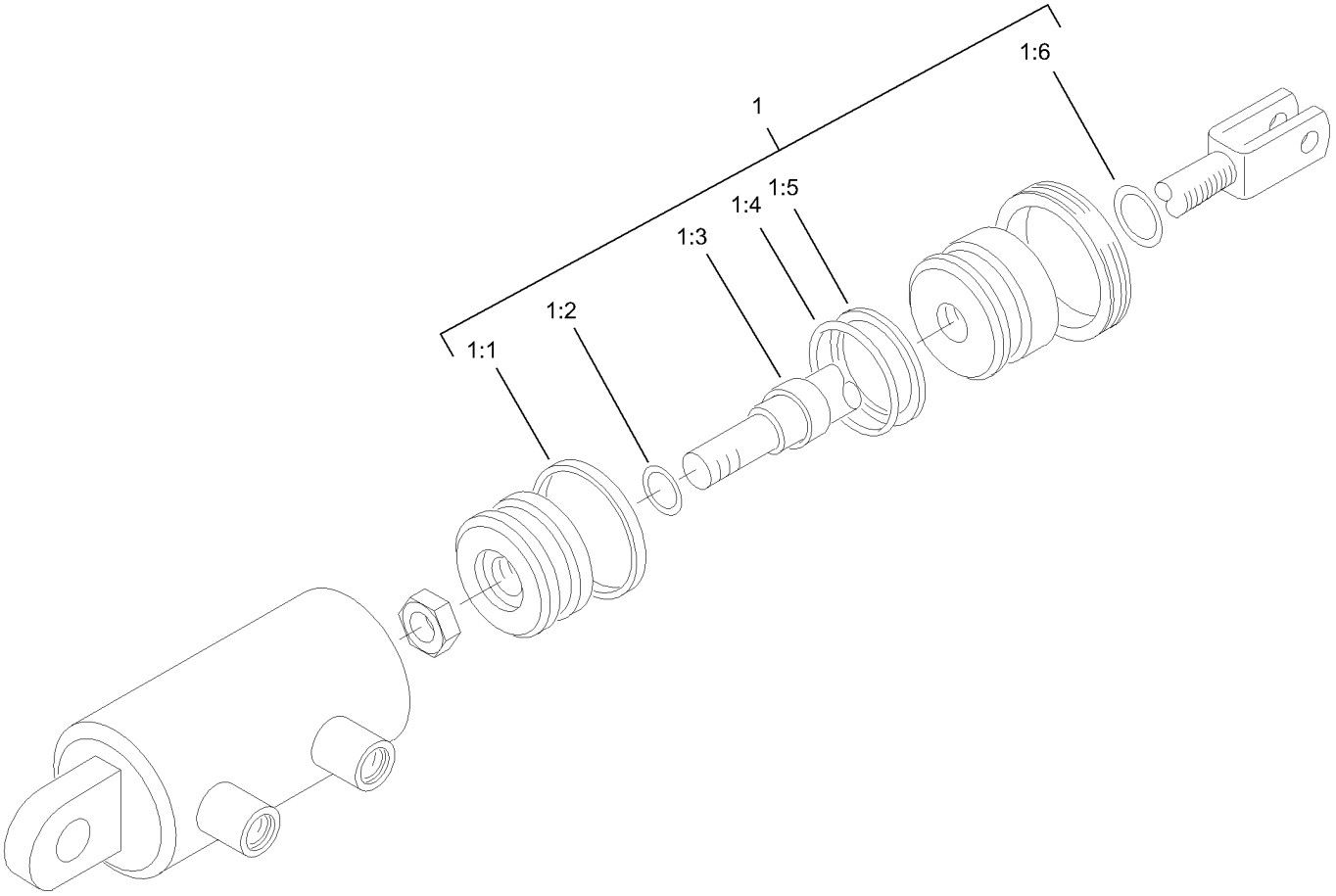
Ref.	Part Number	Qty.	Description
13:1	237-79	1	O-Ring
13:2	237-30	1	O-Ring
14	99-4222-03	1	Bracket-Hose
15	2412-4	1	Clamp
16	110-4008	1	HYD Hose ASM
20	2412-137	1	Clamp-R, Double
21	33114-020	1	Screw-HH
22	33024-00	1	Nut-Lock
23	94-5350	2	Tee-Bulkhead
23:1	237-65	3	O-Ring
24	99-4221	1	Retainer-Hose
25	3296-29	2	Nut-Lock, NI
26	94-5352	1	Retainer-Hose
27	3290-378	1	Tie-Cable



Left Hand and Right Hand Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	105-3821	2	HYD Cylinder ASM
2	340-132	4	Fitting-HYD, 90 DEG
2:1	237-78	1	O-Ring
2:2	237-21	1	O-Ring
3	108-6505	2	Hose ASM
5	10-6060	2	Pin-Pivot
6	94-8198	2	Pin
7	3296-25	6	Nut-Lock, NI
8	32104-32	4	Screw-HWH
9	283-68	2	Pin-Clevis
11	99-4115	2	Front Lift Frame ASM
11:1	98-4166	2	Bushing
11:2	94-9610	2	Bushing-Flange
12	33096-00	4	Washer-Flat
13	105-3838	2	Spacer
15	3256-26	4	Washer-Flat
16	99-4201	4	Tube-Spacer
17	99-4258	1	RH Link Bracket ASM
17:2	99-4243	2	Bushing-Flange
18	99-4260	1	LH Link Bracket ASM
18:2	99-4243	2	Bushing-Flange
19	105-3809	1	Spring-Torsion, RH

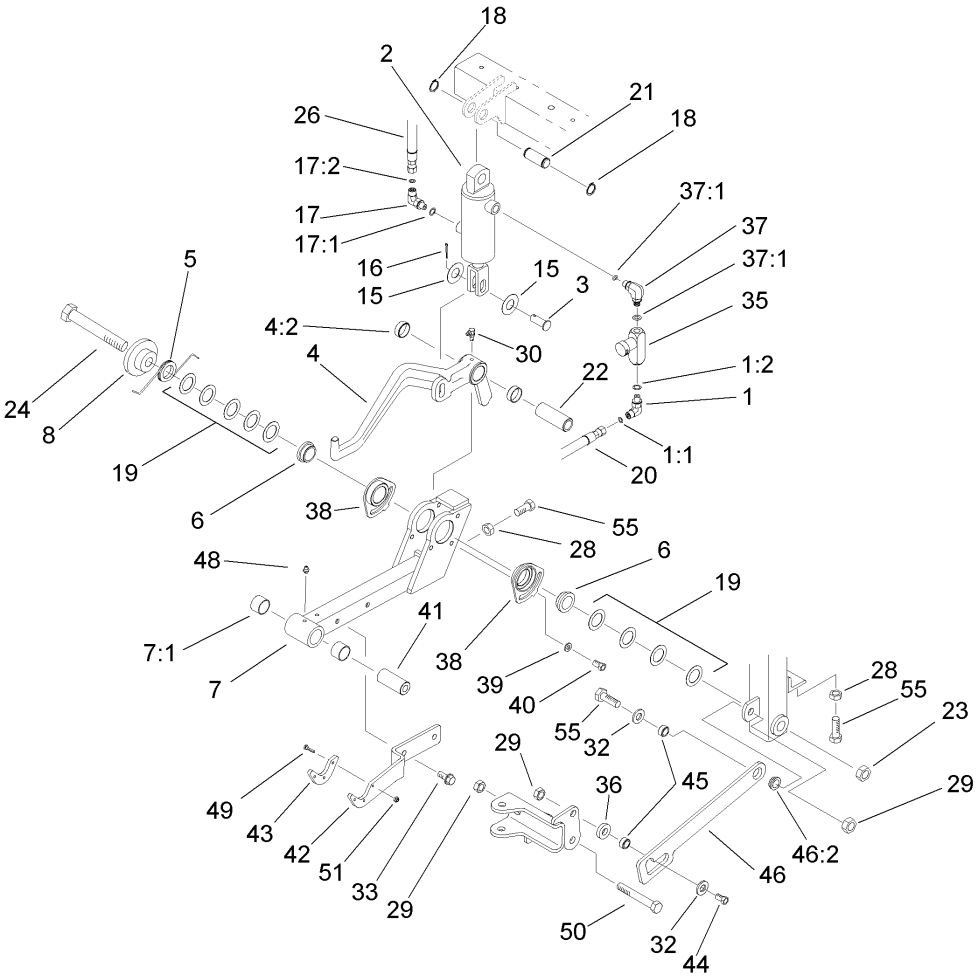
Ref.	Part Number	Qty.	Description
20	105-3818	1	Spring-Torsion, LH
21	99-4213	1	RH Lift Arm ASM
21:2	92-8995	2	Bushing
22	99-4212	1	LH Lift Arm ASM
22:2	92-8995	2	Bushing
23	3272-11	2	Pin-Cotter
24	93-2254	2	HYD Hose ASM
26	325-6	7	Screw-HH
27	3218-5	3	Nut-Jam
28	93-2384	2	Spacer-Carrier
31	302-60	2	Fitting-Grease
34	302-5	2	Fitting-Grease
35	74-3730	2	Spacer-Spindle, Rear
38	32144-69	4	Screw-HWH, Thd Roll
40	325-14	2	Screw-HH
41	3296-54	6	Nut-Lock
42	3250-17	6	Screw-PPH
43	99-4111-01	1	Plate-Transport, 1 And 3
44	99-4112-01	1	Plate-Transport, 2
51	99-4225	2	Pad-Wear
52	99-4072	2	Spacer



Hydraulic Cylinder Assembly No. 105-3821

Ref.	*Part Number*	*Qty.*	*Description*
1	105-3836	1	Seal Kit
1:1		1	T-Seal ●
1:2		1	Seal-Dust ●
1:3		1	Seal-Rod ●
1:4		1	Seal-Dust ●
1:5		1	Backup ●
1:6		1	Seal-Dust ●

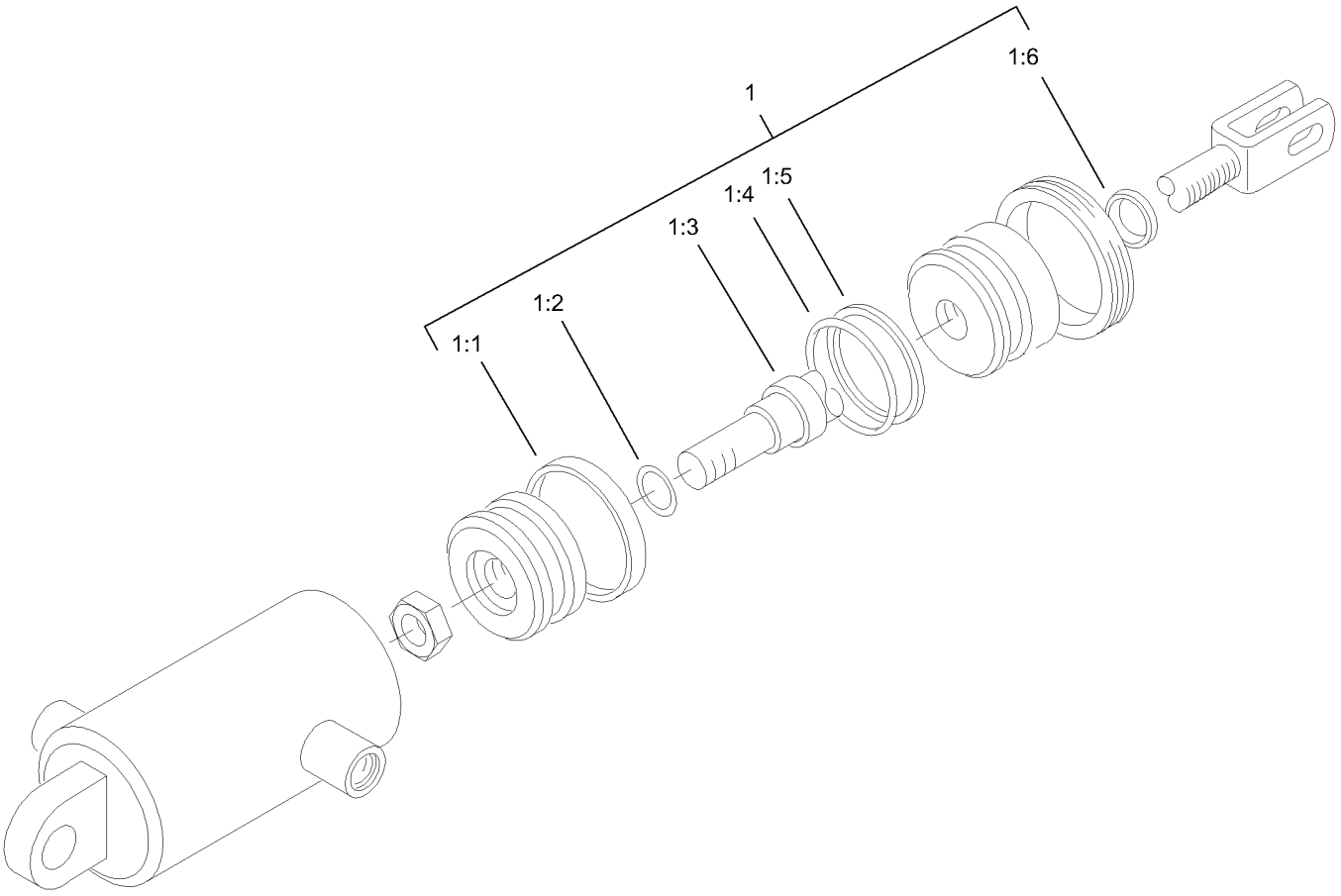
● Not serviced separately



Center Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	340-132	1	Fitting-HYD, 90 DEG
1:1	237-78	1	O-Ring
1:2	237-21	1	O-Ring
2	105-3820	1	HYD Cylinder ASM
3	283-68	1	Pin-Clevis
4	99-4126	1	Center Lift Arm ASM
4:2	92-8995	2	Bushing
5	105-9781	1	Spring-Torsion
6	98-2197	2	Bushing-Flange
7	99-4116	1	Rear Lift Frame ASM
7:1	98-4166	2	Bushing
8	105-9779	1	Guide-Spring
15	33096-00	2	Washer-Flat
16	3272-11	1	Pin-Cotter
17	340-132	1	Fitting-HYD, 90 DEG
17:1	237-78	1	O-Ring
17:2	237-21	1	O-Ring
18	32120-72	2	Ring-Snap
19	63-2290	9	Washer-Thrust
20	93-2258	1	HYD Hose ASM
21	94-3452	1	Pin
22	94-8199	1	Tube-Pivot
23	3296-53	1	Nut-Lock, NI
24	327-25	1	Screw-HH
26	106-7981	1	Hose-HYD

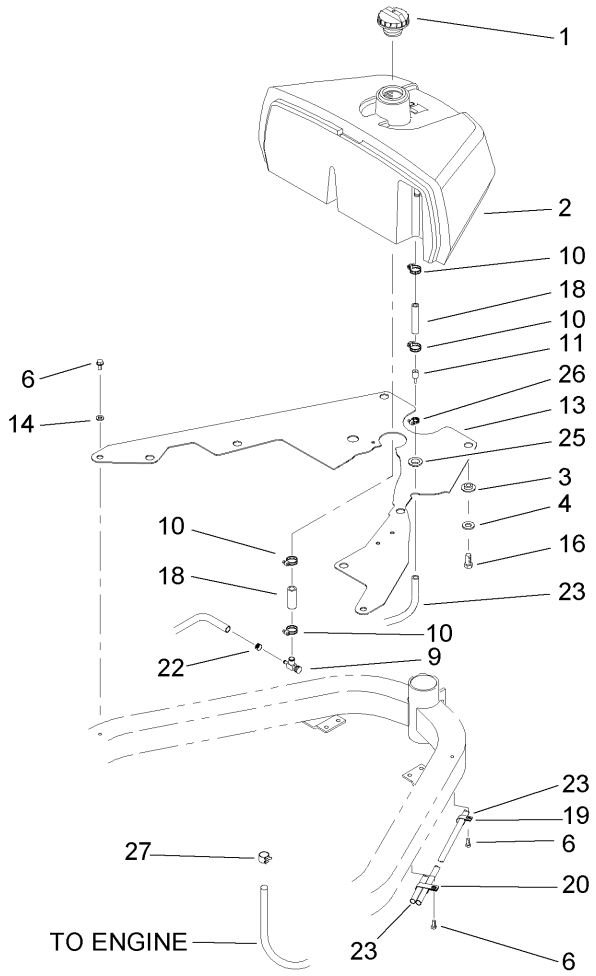
Ref.	Part Number	Qty.	Description
28	3218-5	2	Nut-Jam
29	3296-25	3	Nut-Lock, NI
30	302-60	1	Fitting-Grease
32	3256-26	2	Washer-Flat
33	32144-69	2	Screw-HWH, Thd Roll
35	93-7489	1	Orifice Valve ASM
36	99-4248	1	Spacer
37	95-2927	1	Fitting-Elbow
37:1	237-78	2	O-Ring
38	98-4618	2	Bushing-Eccentric
39	3256-74	2	Washer-Flat
40	33114-016	2	Screw-HH
41	99-4072	1	Spacer
42	99-4111-01	1	Plate-Transport, 1 And 3
43	99-4225	1	Pad-Wear
44	325-7	1	Screw-HH
45	99-4201	2	Tube-Spacer
46	99-4246	1	Link Bracket ASM
46:2	99-4243	1	Bushing-Flange
48	302-5	1	Fitting-Grease
49	3250-17	3	Screw-PPH
50	325-14	1	Screw-HH
51	3296-54	3	Nut-Lock
55	325-6	3	Screw-HH



Hydraulic Cylinder Assembly No. 105-3820

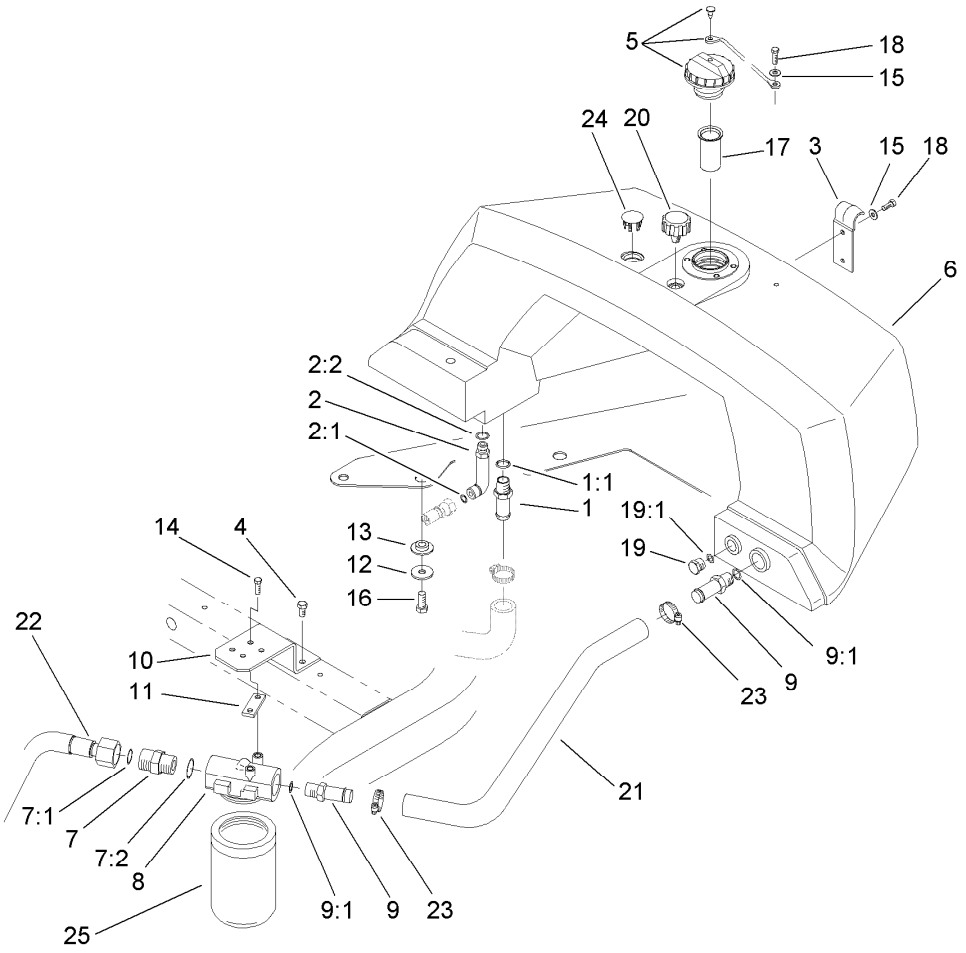
Ref.	*Part Number*	*Qty.*	*Description*
1	105-3836	1	Seal Kit
1:1		1	T-Seal ●
1:2		1	Seal-Dust ●
1:3		1	Seal-Rod ●
1:4		1	Seal-Dust ●
1:5		1	Backup ●
1:6		1	Seal-Dust ●

● Not serviced separately



Fuel System Assembly

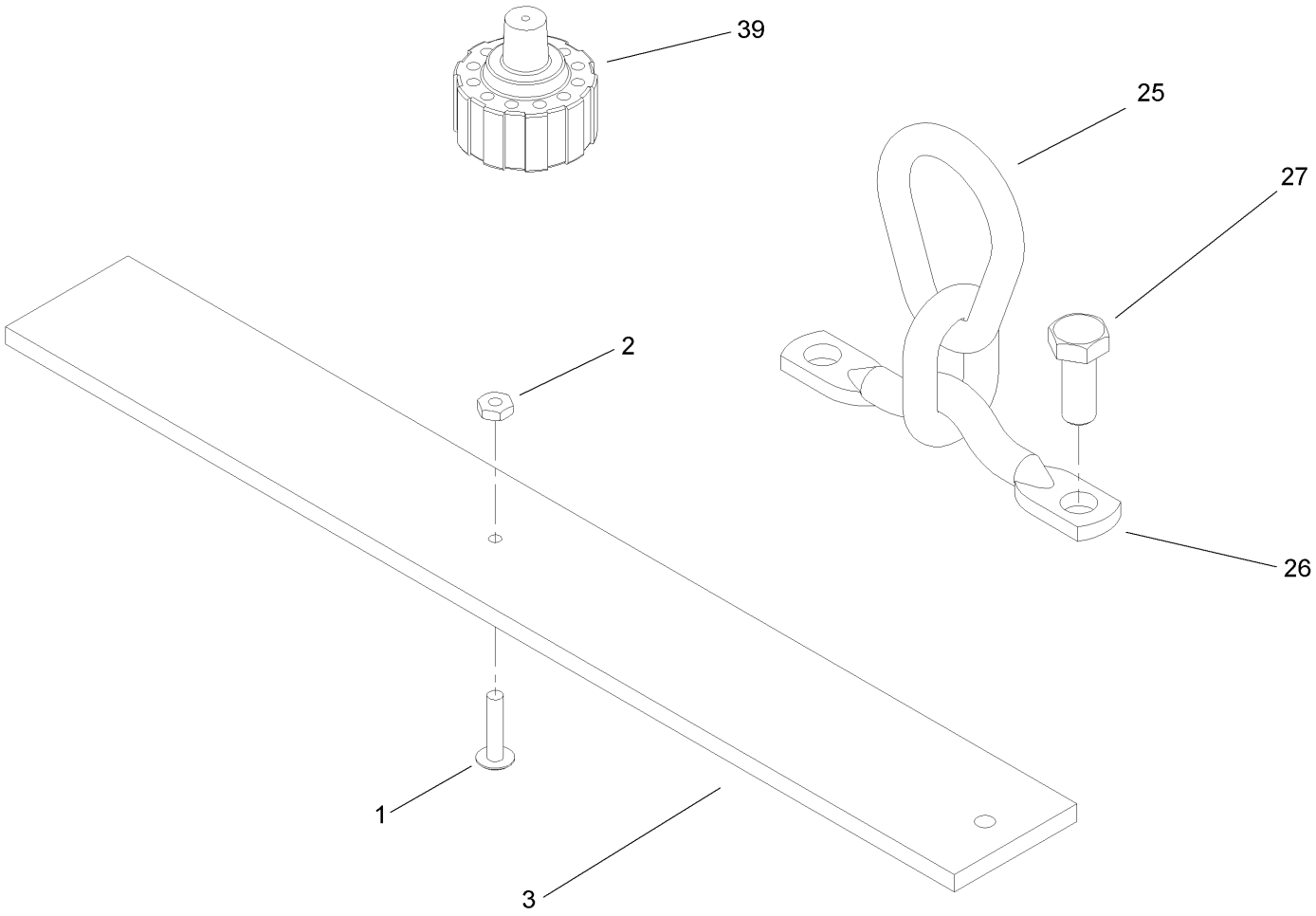
Ref.	*Part Number*	*Qty.*	*Description*
1	93-3102	1	Cap-Fuel
2	93-2225	1	Tank-Fuel
3	240-11	3	Bushing-Flange
4	93-4637	3	Washer-Flat
6	32104-32	5	Screw-HWH
9	56-2520	1	Fitting-Shut Off, Fuel
10	2412-36	4	Clamp-Hose
11	93-2299	1	Fitting-Fuel
13	94-1364-03	1	Plate ASM
14	3256-23	2	Washer-Flat
16	33115-020	3	Screw-HH
18	106-1128	2	Hose-Fuel
19	2412-41	1	Clamp
20	92-5753	1	Clamp-Hose
22	92-2379	1	Clamp-Hose
23	110-3958	1	Hose-Fuel
25	237-124	1	Grommet
26	2412-108	1	Clamp-Worm
27	94-8189	1	Clamp-Hose



Hydraulic Tank and Filter Assembly

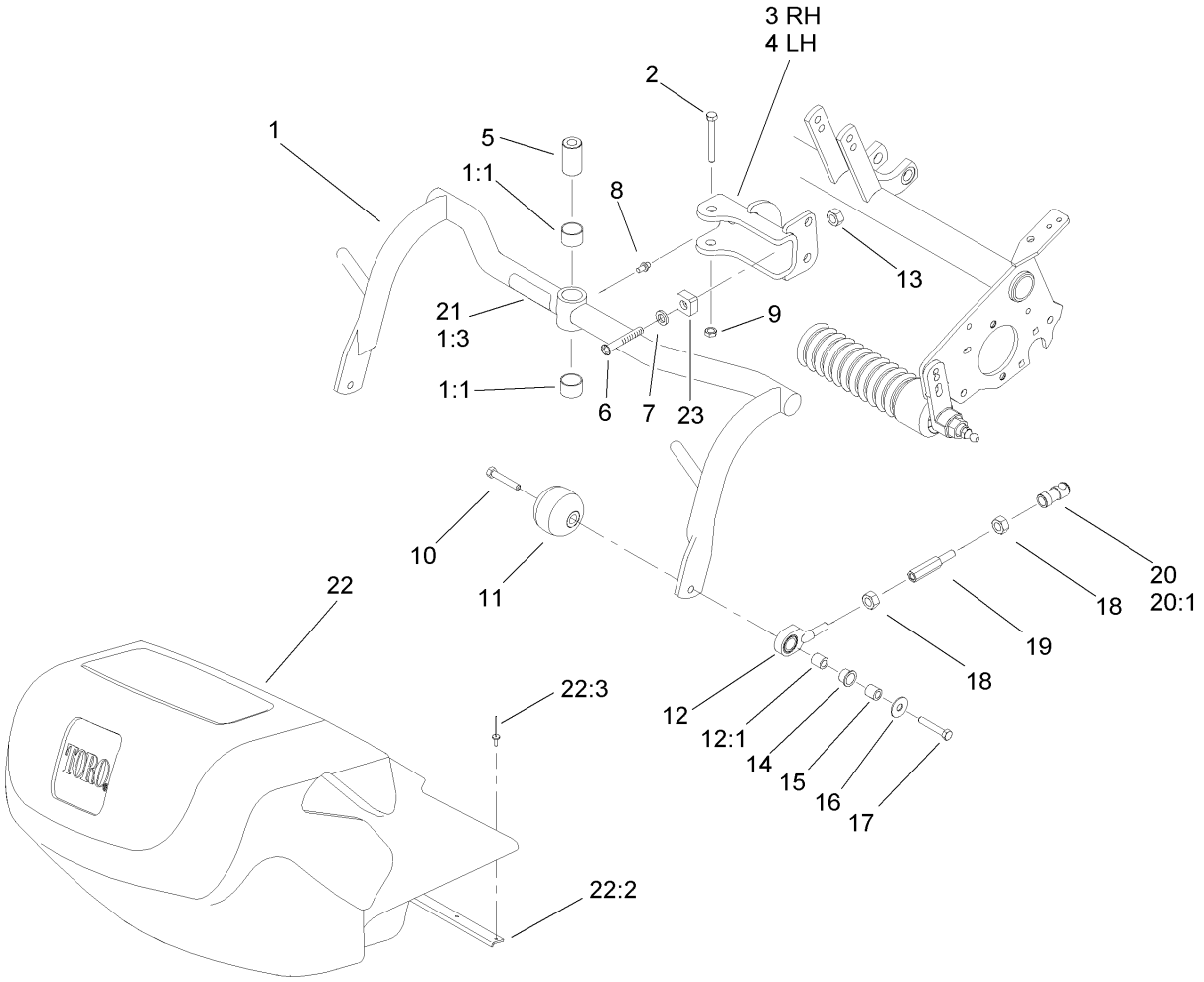
Ref.	*Part Number*	*Qty.*	*Description*
1	354-78	1	Connector-Hose
1:1	237-146	1	O-Ring
2	69-4320	1	Fitting-HYD, 90 DEG
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	93-2438	1	Clamp-Tank, Fuel
4	32104-32	2	Screw-HWH
5	93-7160	1	Cap-Oil, HYD
6	93-2235	1	Tank-HYD
7	340-9	1	Fitting-Straight
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	92-5821	1	Filter Head ASM
9	354-73	2	Fitting-Straight
9:1	237-81	1	O-Ring
10	105-9793-03	1	Mount-Filter, Oil

Ref.	*Part Number*	*Qty.*	*Description*
11	105-4309	1	Plate-Filter
12	93-4637	4	Washer-Flat
13	240-11	4	Bushing-Flange
14	321-5	2	Screw-HH
15	3256-1	3	Washer-Flat
16	33115-020	4	Screw-HH
17	93-2275	1	Screen-Filler
18	33113-016	3	Screw-HH
19	353-988	1	Plug-Hex
19:1	237-79	1	O-Ring
20	68-6150	1	Breather
21	94-9607	1	Hose-Return
22	94-4518	1	Tube ASM
23	2412-129	2	Clamp-Hose
24	93-2437	1	Plug-Serrated
25	107-9531	1	Filter-Oil, HYD



Miscellaneous Part Assembly

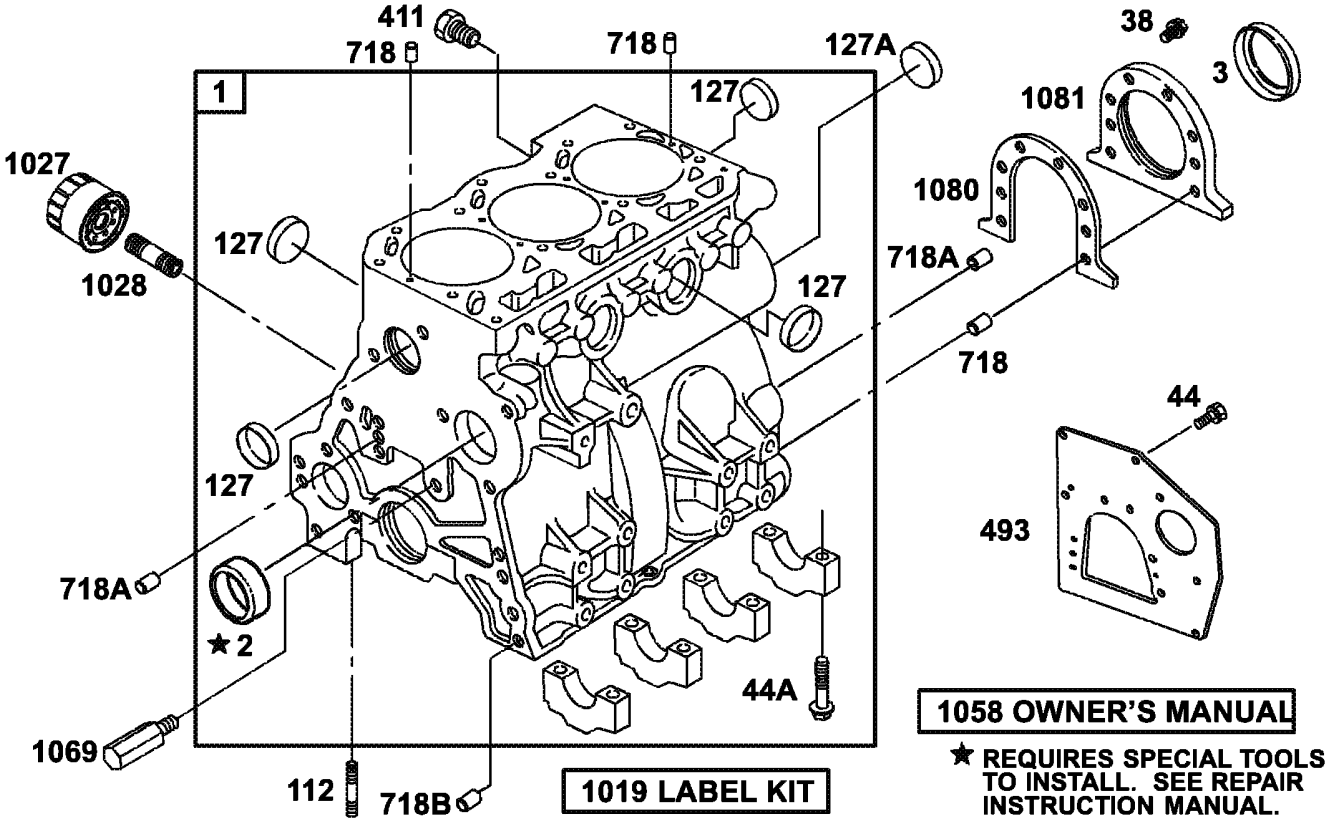
Ref.	*Part Number*	*Qty.*	*Description*
1	32122-22	1	Screw-HH
2	3219-14	1	Nut-Hex
3	65-8320	1	Bar-Gauge
25	106-2601	3	Link-Lift
26	105-5738	3	Strap-Lift
27	33115-025	6	Screw-HH
39	92-8020	1	Adapter-Breather



Pull Frame Assembly

Ref.	Part Number	Qty.	Description
1	99-4114	3	Pull Frame ASM
1:1	98-4166	2	Bushing
1:3	104-7728	1	Decal-Danger
2	325-13	3	Screw-HH
3	99-4183-01	2	RH Clevis ASM
4	99-4182-01	1	LH Clevis ASM
5	99-4109	3	Spacer
6	78-8710	3	Screw
7	3256-77	3	Washer-Flat
8	302-5	3	Fitting-Grease
9	3296-25	3	Nut-Lock, NI
10	99-4209	6	Shaft-Roller
11	99-4210	6	Roller-Anti Scalp
12	100-6440	6	Pull Link And Bushing ASM
12:1	95-0532	1	Rubber Bushing ASM

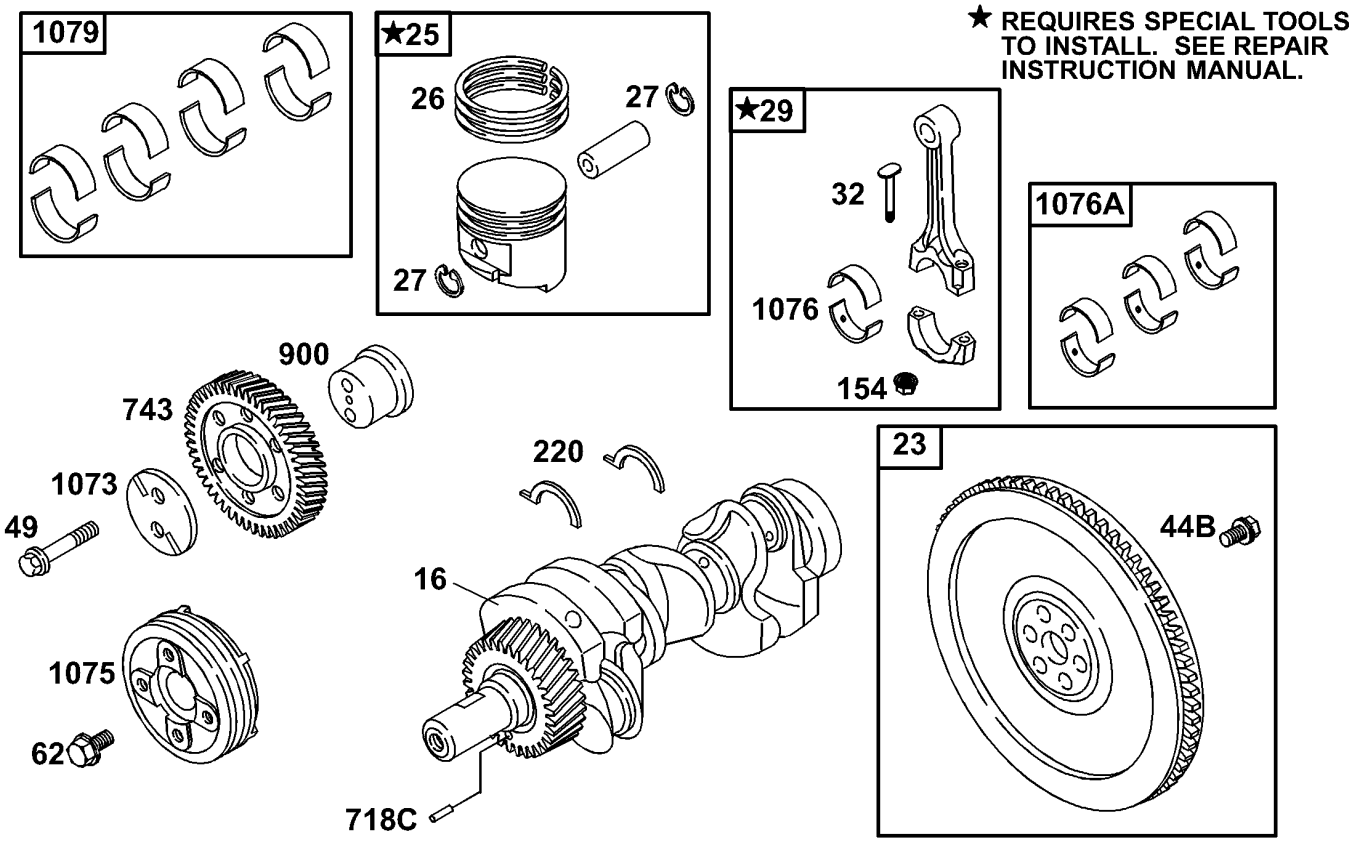
Ref.	Part Number	Qty.	Description
13	3296-12	3	Nut-Lock, NI
14	104-7738	6	Bushing-Flange
15	75-5270	6	Spacer-Knob, Seat
16	80-6990	6	Washer-Hardened
17	323-8	6	Screw-HH
18	3220-3	12	Nut-HJ
19	99-4270	6	Extension-Arm, Pull
20	99-1460	6	Ball Joint Receiver ASM
20:1	99-1461	1	Sleeve-Joint, Ball
21	104-7729	3	Decal-Danger, Ce
22	106-4689	3	Grass Basket ASM
22:2	104-2607	1	Strip-Basket
22:3	3290-382	8	Rivet-Pop
23	94-1392	3	Pad-Rubber



Cylinder Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	100-6401	1	Cylinder ASM
2	99-9002	1	Bushing
3	99-9003	1	Seal-Oil ●
1019	99-9015	1	Label Kit
1058	99-9602	1	Manual-Owners
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer ●
1081	99-9022	1	Retainer-Seal
112	99-9007	1	Stud-Metric
1027	99-9017	1	Filter-Oil
127	99-9008	7	Plug-Welch
127A	99-9010	1	Plug-Welch
1028	99-9018	1	Adapter-Filter, Oil
38	99-9004	6	Screw-Hex
411	99-9601	1	Plug (Cylinder Block)
44	99-9005	3	Screw-Hex
44A	99-9006	8	Screw-Hex
493	100-3195	1	Bracket-Mounting
718	99-9012	4	Pin-Locating
718A	99-9013	3	Pin-Locating
718B	99-9014	2	Pin-Locating

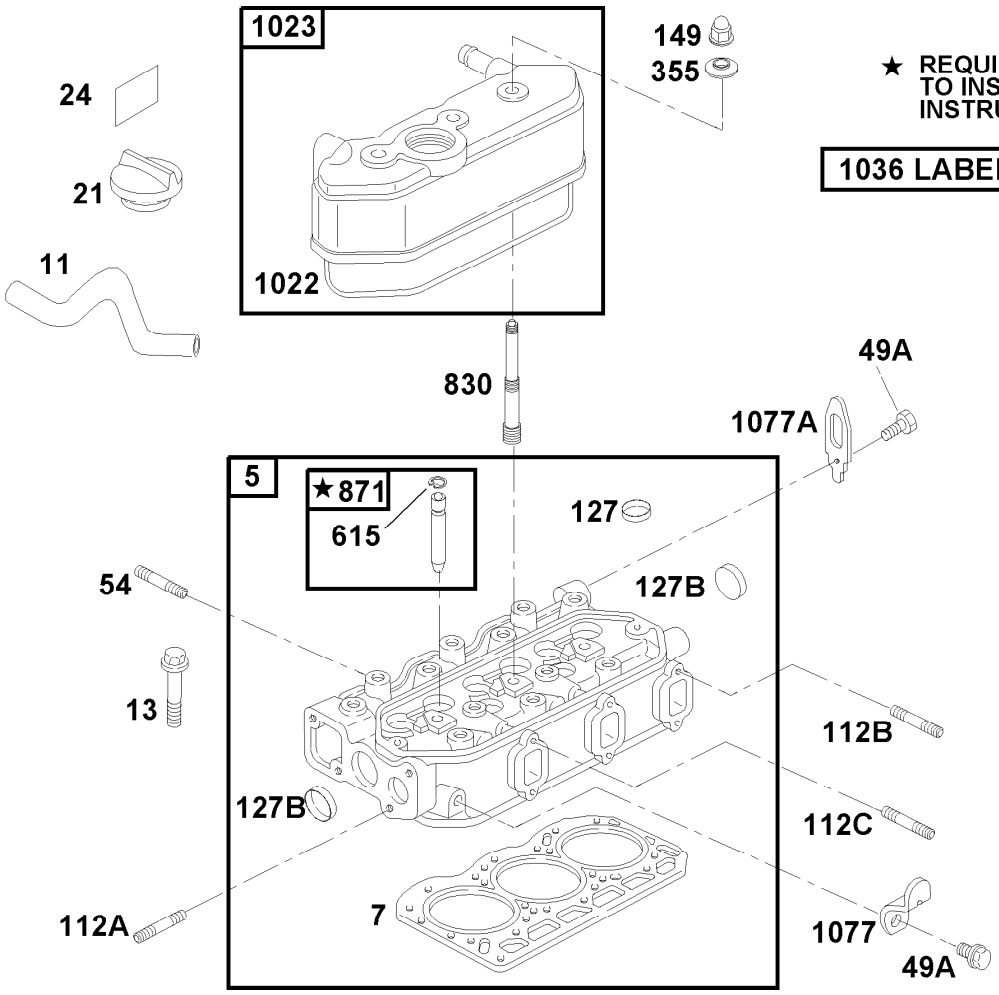
● Included in Gasket Set-Part Number 99-9667



Crankshaft Assembly

Ref.	Part Number	Qty.	Description
16	99-9252	1	Crankshaft
23	99-9267	1	Flywheel
25	99-9605	3	Piston ASM
25	99-9268	3	Piston ASM (.010 In Oversized)
26	99-9606	3	Ring Set
26	99-9269	3	Ring Set (.010 Oversized)
27	99-9607	6	Lock-Pin, Piston
29	99-9608	3	Rod-Connecting
32	99-9030	6	Screw-Rod, Connecting
49	99-9032	2	Screw-Hex
62	99-9033	1	Screw-Hex
154	99-9034	6	Nut-Hex
220	99-9035	1	Washer-Thrust
220	99-9036	1	Washer-Thrust (.005 In Oversized)

Ref.	Part Number	Qty.	Description
44B	99-9031	6	Screw-Hex
743	99-9609	1	Gear-Drive
900	99-9039	1	Shaft-Gear
1073	99-9040	1	Plate-Gear, Idler
1075	99-9692	1	Pulley-Crankshaft
1076	99-9042	1	Bearing-Rod
1079	99-9045	1	Set-Bearing, Main (Set Of 8)
1079	99-9046	1	Set-Bearing, Main (.010 Undersized)
718C	99-9037	1	Pin-Locating
1076A	99-9043	3	Set-Bearing, Rod
1076A	99-9044	3	Set-Bearing, Rod (.010 Undersized)

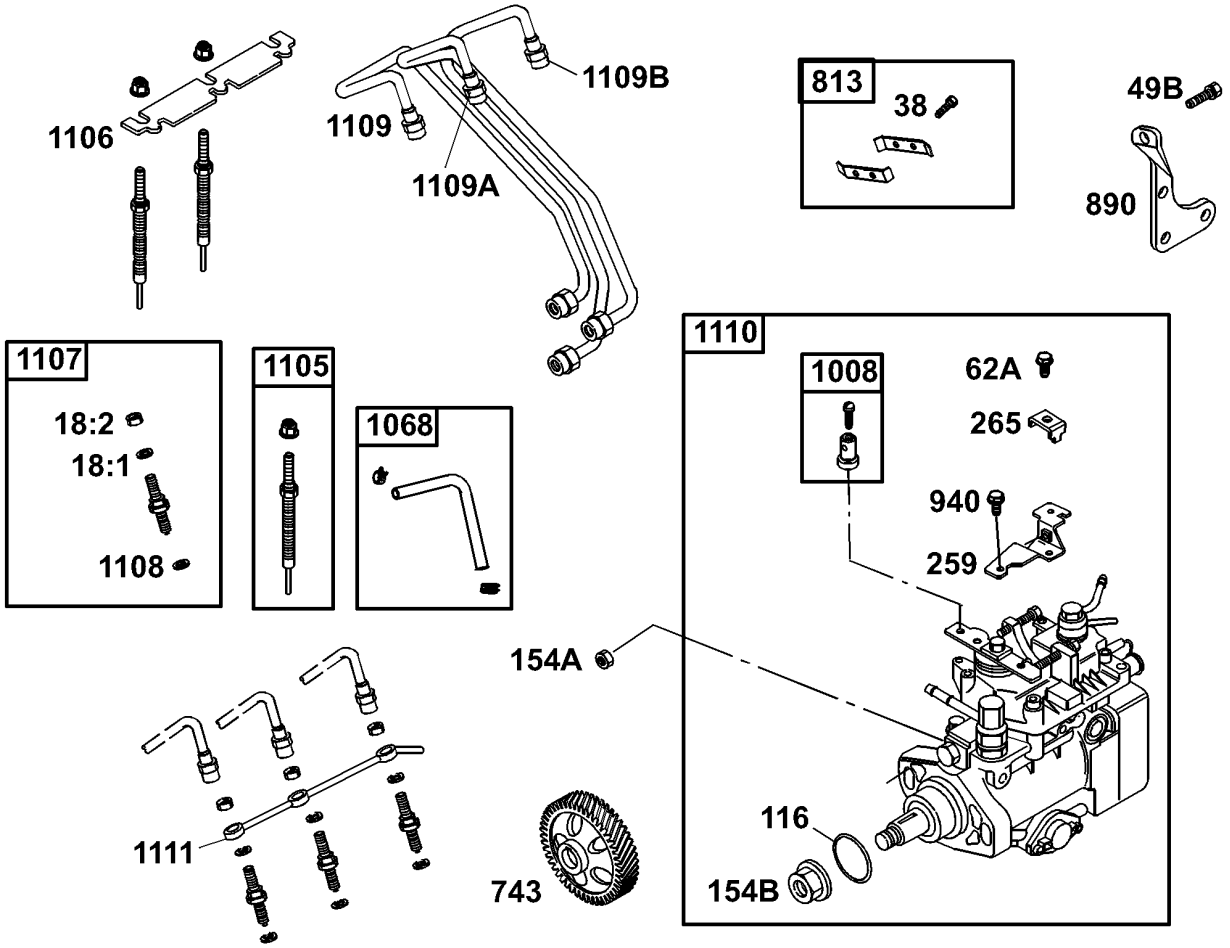


★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

1036 LABEL KIT-EMISSION

Cylinder Head Assembly

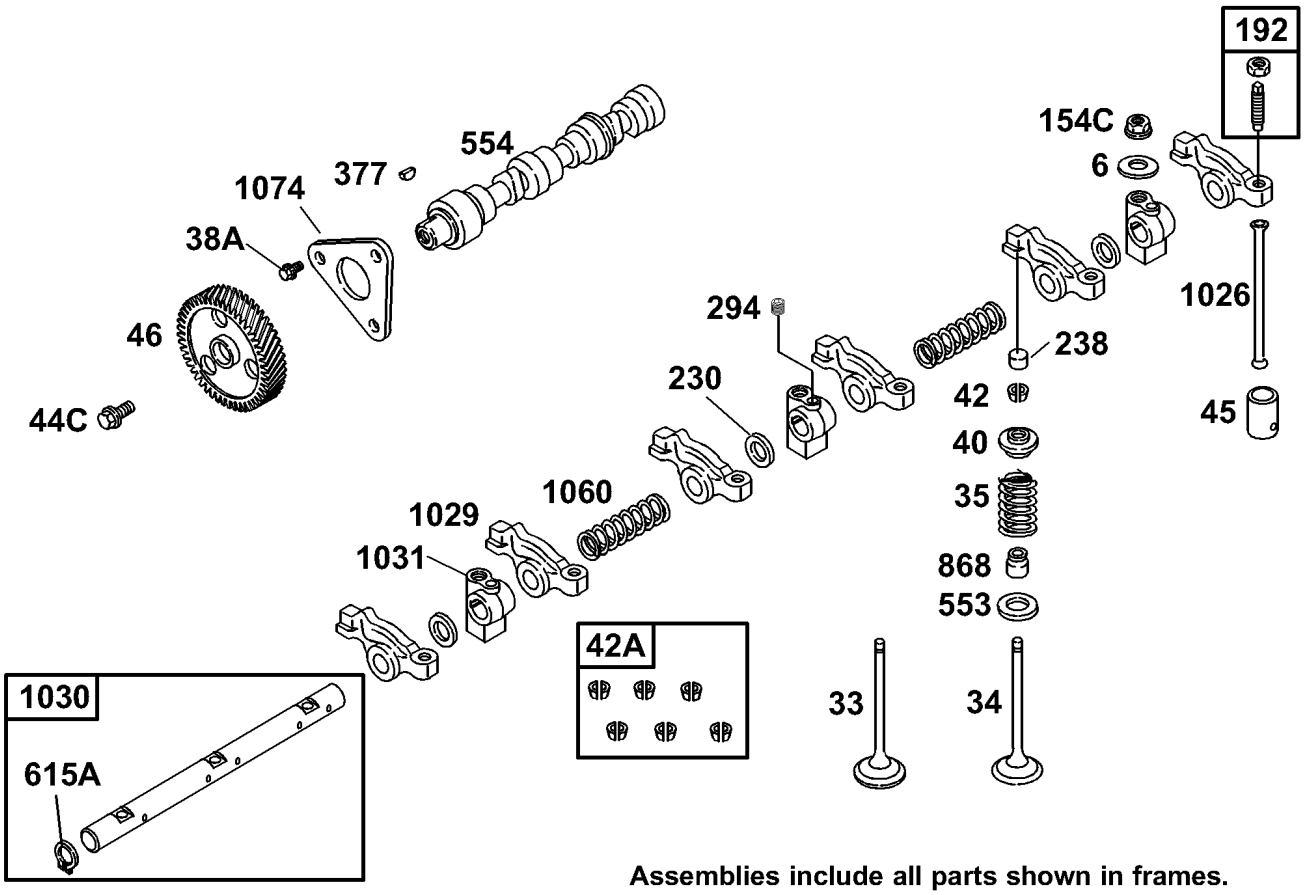
Ref.	*Part Number*	*Qty.*	*Description*
5	99-9611	1	Head-Cylinder
7	99-9612	1	Gasket-Head, Cylinder
11	104-7743	1	Tube-Breather
13	99-9614	14	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
24	105-3817	1	Label-Fill, Oil
54	99-9055	2	Stud-Metric
127	99-9008	2	Plug-Welch
149	99-9061	3	Nut-Hex, Metric
355	99-9063	3	Washer-Seal
49A	99-9054	2	Screw-Hex
615	99-9067	6	Retainer
830	99-9101	3	Stud-Arm, Rocker
871	99-9070	6	Bushing-Guide
1022	99-9073	1	Gasket-Cover, Rocker
1023	100-6402	1	Cover-Rocker
1036	99-9615	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
112A	99-9057	2	Stud-Metric
112C	99-9059	1	Stud-Metric
112B	99-9058	5	Stud-Metric
127B	99-9060	2	Plug-Welch
1077A	99-9077	1	Bracket-Lifting



Injection Assembly

Ref.	Part Number	Qty.	Description
38	99-9004	2	Screw-Hex
116	99-9618	1	O-Ring
259	99-9621	1	Bracket-Clamp, Casing
265	99-9622	1	Clamp-Casing
49B	99-9616	4	Screw-Hex
62A	100-6403	1	Screw-Metric
743	99-9624	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
940	100-6410	2	Screw-Hex
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose / Clamp ASM
1105	99-9630	3	Plug-Glow

Ref.	Part Number	Qty.	Description
1106	99-9631	1	Strap-Plug, Glow
1107	105-9789	3	Injection Nozzle
1108	99-9633	3	Seat-Injector
1109	99-9690	1	Pipe-Injector, No. 1
1110	106-6364	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel
154A	99-9619	2	Nut-Hex, Metric
154B	99-9620	1	Nut-Hex, Metric
1109A	99-9634	1	Pipe-Injector, No. 2
1109B	99-9635	1	Pipe-Injector, No. 3
18:1	100-5148	1	Washer
18:2	100-5149	1	Nut-Hex

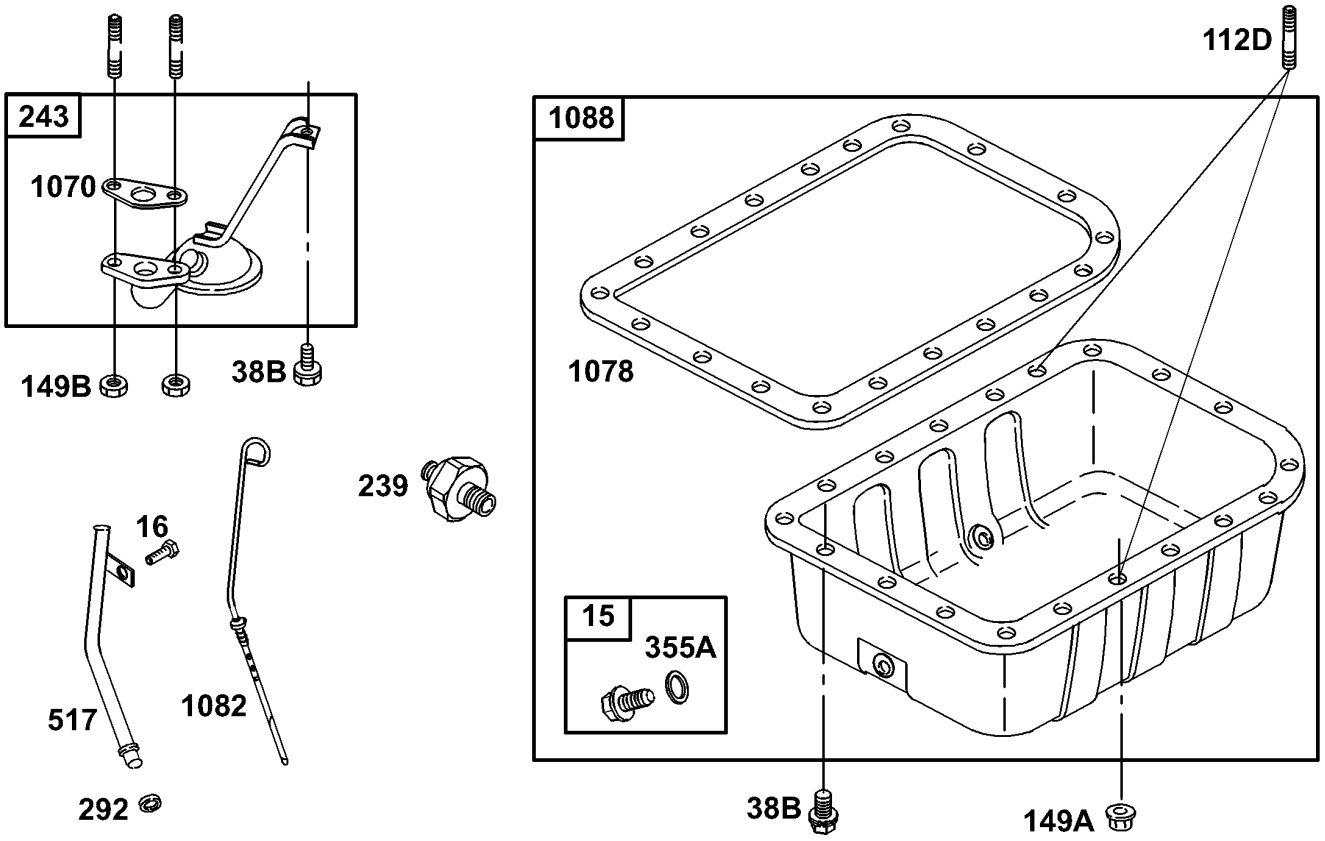


Assemblies include all parts shown in frames.

Rocker Arm Assembly

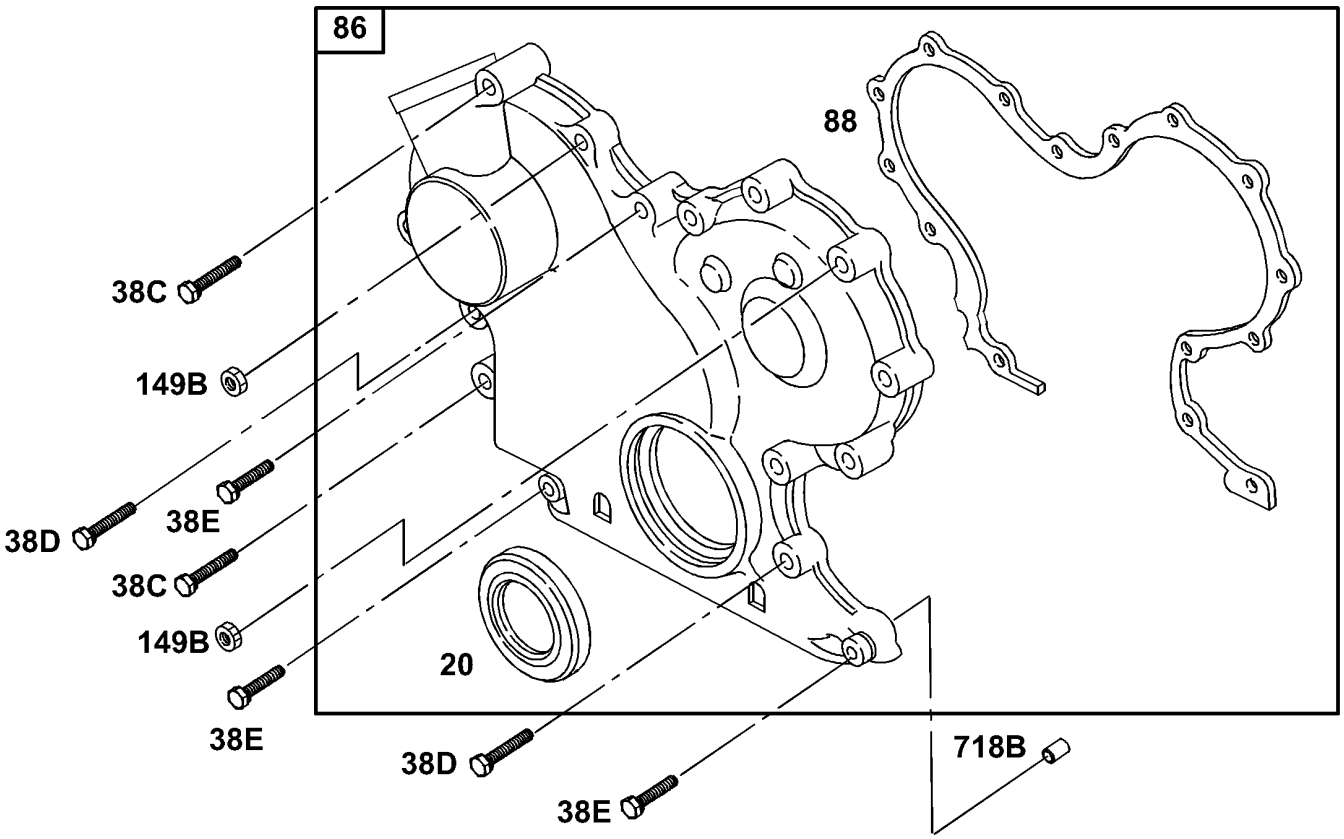
Ref.	Part Number	Qty.	Description
6	99-9079	3	Washer-Flat
33	99-9638	3	Valve-Exhaust
34	99-9639	3	Valve-Intake
35	99-9640	6	Spring-Valve
40	99-9084	6	Retainer-Valve
42	99-9086	1	Keeper-Valve (Set)
45	99-9088	6	Tappet-Valve
46	99-9641	1	Gear-Cam
192	99-9092	6	Adjuster-Arm, Rocker
230	99-9093	3	Washer-Spacer
238	99-9094	6	Cap-Valve
294	99-9090	1	Screw-Metric
377	99-9642	1	Key-Timing
38A	99-9083	3	Screw-Hex

Ref.	Part Number	Qty.	Description
42A	99-9087	6	Keeper-Valve (Set Of 6)
44C	99-9085	1	Screw-Metric
553	99-9096	6	Seat-Spring, Valve
554	99-9097	1	Shaft-Cam
868	99-9643	6	Seal-Valve
1026	99-9103	6	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9106	1	Shaft-Arm, Rocker
1031	99-9107	3	Support-Arm, Rocker
1060	99-9108	2	Spring-Shaft, Rocker
1074	99-9109	1	Retainer-Camshaft
154C	99-9091	3	Nut-Hex, Metric
615A	99-9099	2	Retainer



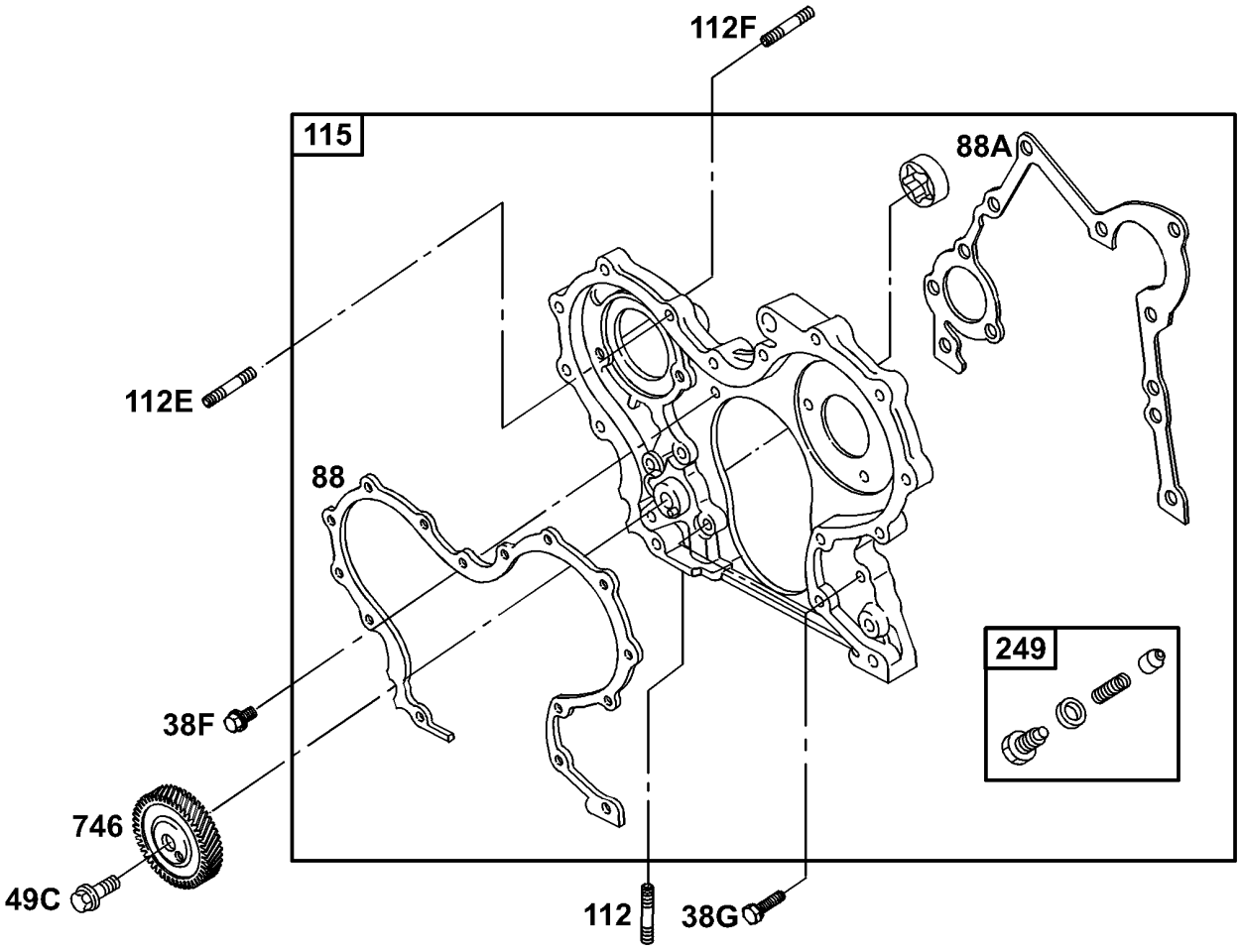
Oil Pan Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1082	100-6405	1	Dipstick
1088	99-9649	1	Pan-Oil
112D	99-9112	2	Stud-Metric
149A	99-9113	2	Nut-Hex, Metric
149B	99-9114	2	Nut-Hex, Metric
15	99-9644	1	Plug-Drain, Oil
16	99-9256	1	Screw-Hex
239	99-9115	1	Switch-Pressure, Oil
243	99-9116	1	Screen-Pump, Oil
292	99-9265	1	Seal-O-Ring
355A	99-9645	1	Washer-Seal
38B	99-9111	18	Screw-Hex
517	100-6406	1	Tube-Dipstick



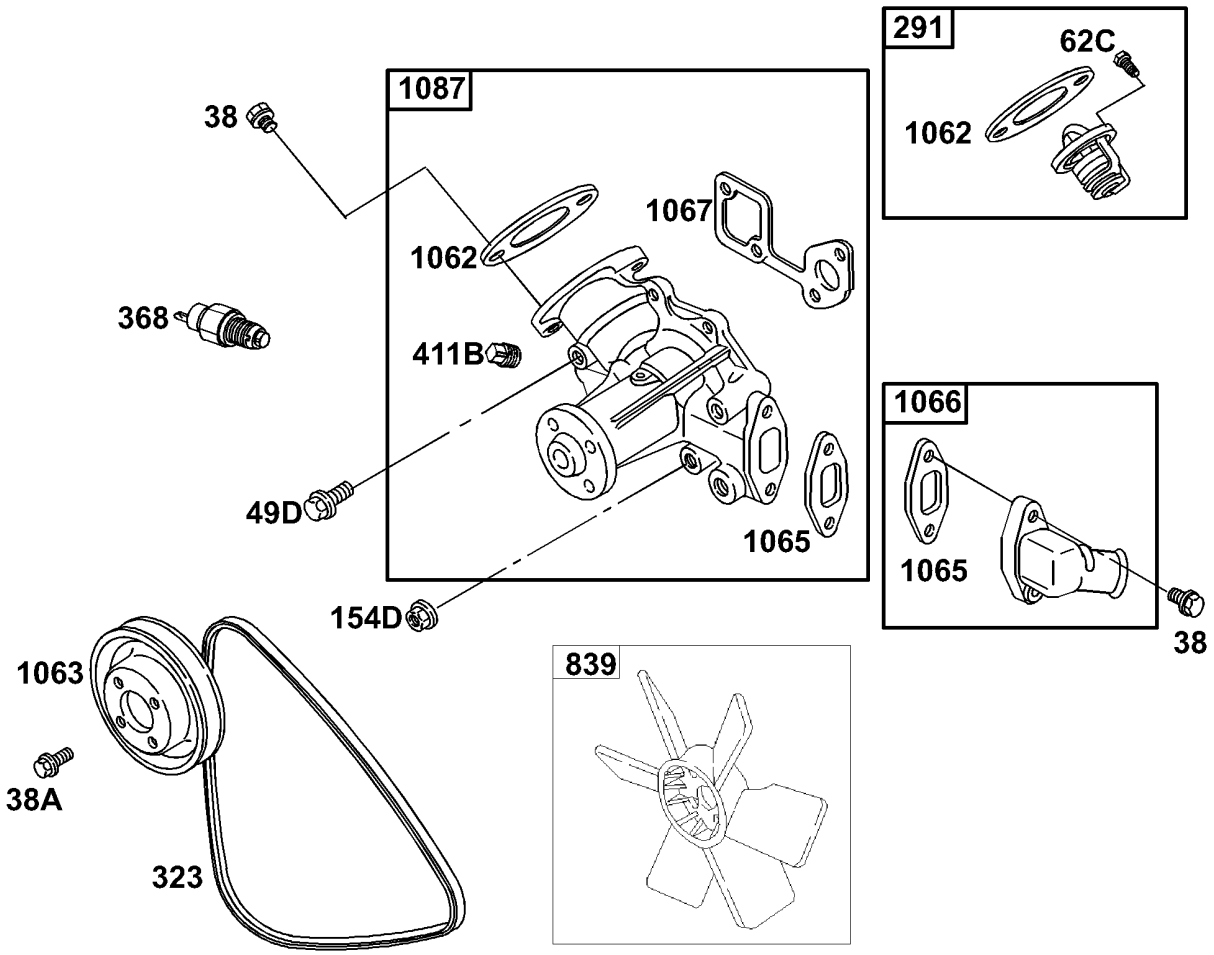
Cover Assembly

Ref.	*Part Number*	*Qty.*	*Description*
20	99-9126	1	Seal-Oil
86	99-9652	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover, Gear
38C	99-9651	2	Screw-Hex
38D	99-9128	9	Screw-Hex
38E	99-9129	3	Screw-Hex
149B	99-9114	2	Nut-Hex, Metric
718B	99-9014	1	Pin-Locating



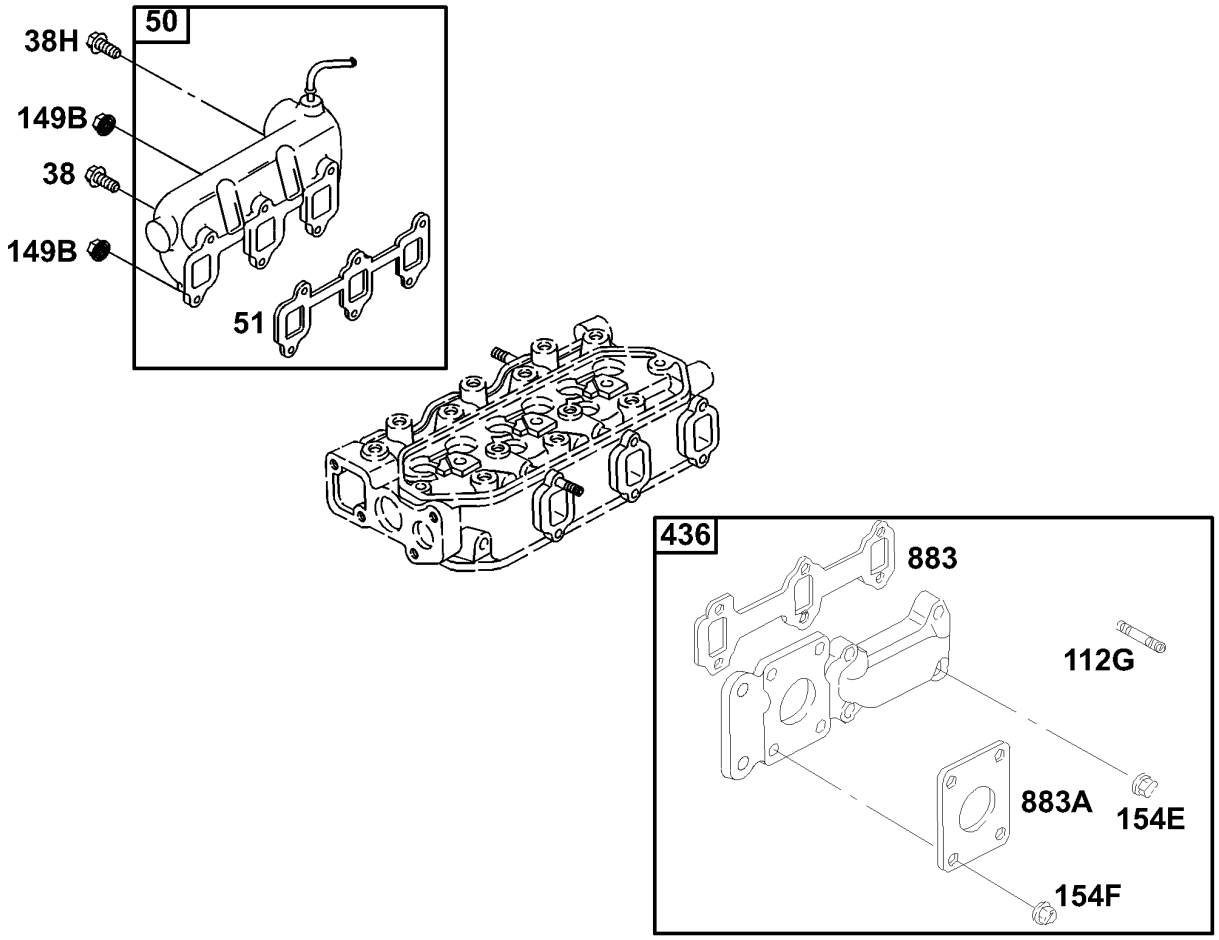
Gear Housing Assembly

Ref.	*Part Number*	*Qty.*	*Description*
88	99-9653	1	Gasket-Cover, Gear
112	99-9007	1	Stud-Metric
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
38F	99-9134	1	Screw-Hex
38G	99-9133	4	Screw-Hex
49C	99-9135	1	Screw-Hex
746	99-9656	1	Gear-Drive
88A	99-9136	1	Gasket-Cover, Gear
112E	99-9137	2	Stud-Metric
112F	99-9654	2	Stud-Metric



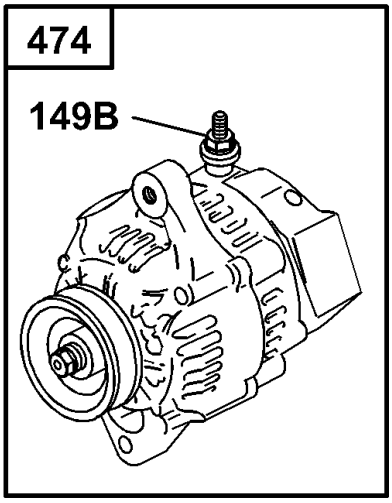
Water Pump Assembly

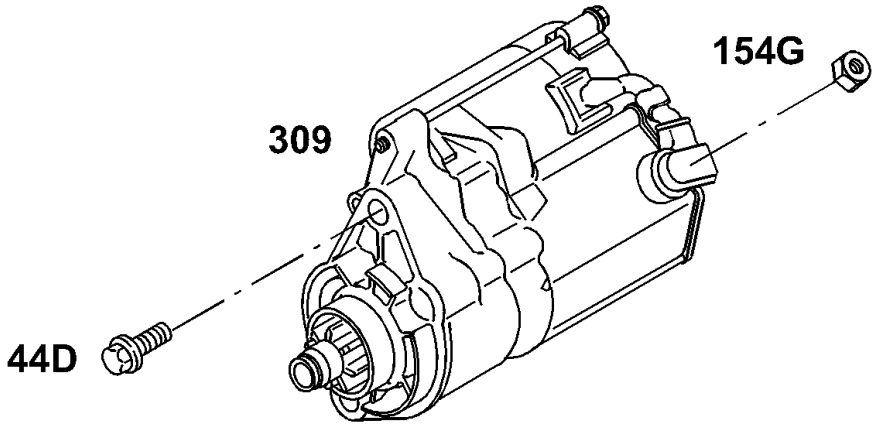
Ref.	*Part Number*	*Qty.*	*Description*
1062	99-9163	1	Gasket-Outlet
1063	99-9164	1	Pulley-Pump
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	105-3832	1	Pump-Water
154D	99-9153	1	Nut-Hex, Metric
291	99-9155	1	Thermostat
323	99-8153	1	Belt-V
368	99-9157	1	Switch-Temperature, Water
38	99-9004	2	Screw-Hex
38A	99-9111	4	Screw-Hex
411B	99-9159	1	Plug
49D	99-9151	2	Screw-Hex
62C	99-9152	1	Screw-Metric
839	93-2090	1	Fan-Engine

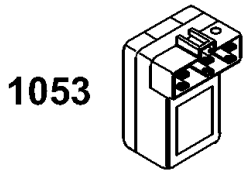


Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
38	99-9004	1	Screw-Hex
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
38H	99-9660	3	Screw-Hex
436	99-9177	1	Manifold-Exhaust
883	99-9178	1	Gasket-Exhaust
112G	100-6407	4	Stud-Manifold, Exhaust
149B	99-9114	2	Nut-Hex, Metric
154E	99-9175	6	Nut-Hex, Metric
154F	99-9176	4	Nut-Hex
883A	99-9179	1	Gasket-Exhaust

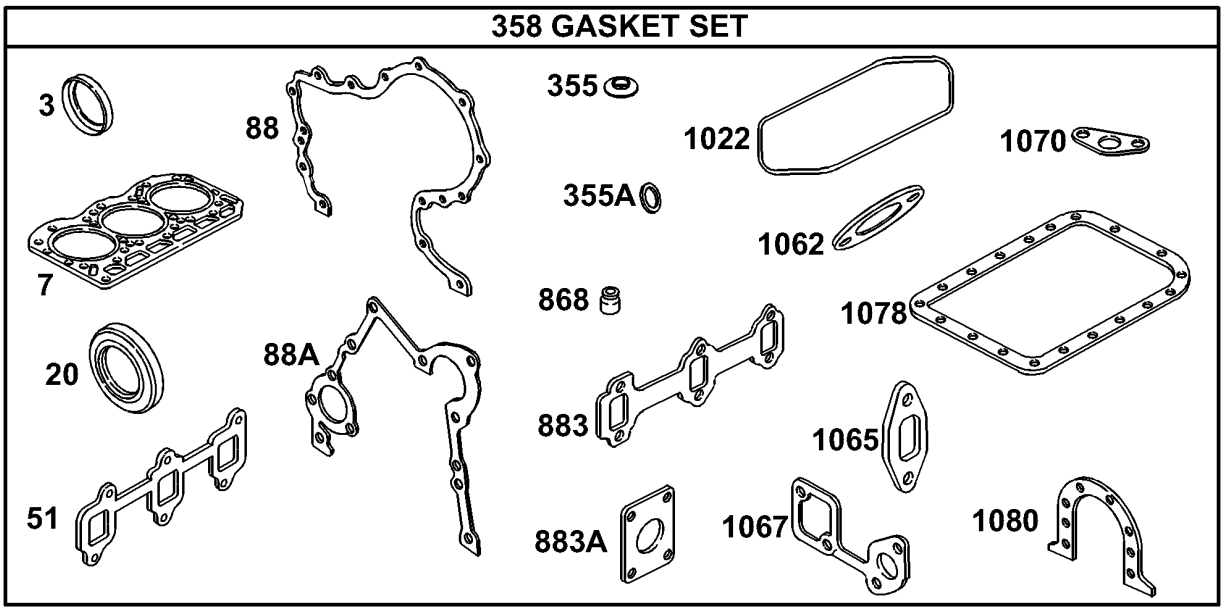


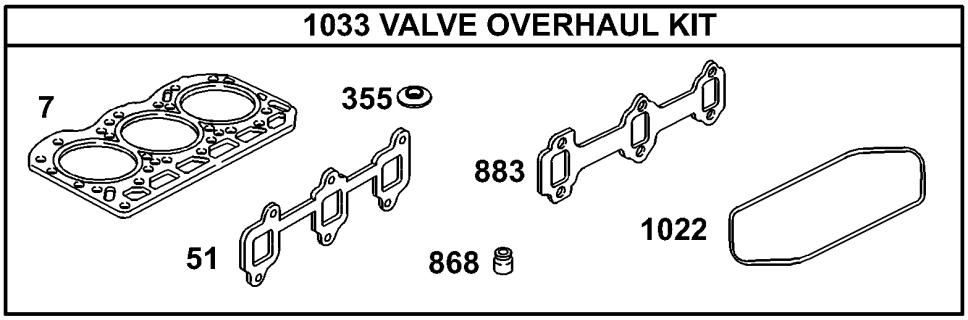




Alternator Assembly

Ref.	*Part Number*	*Qty.*	*Description*
309	104-7716	1	Motor-Starter
44D	99-9201	2	Screw-Hex
474	99-9209	1	Alternator
1053	99-9666	1	Module
149B	99-9114	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric





Gasket and Valve Overhaul Kit

Ref.	*Part Number*	*Qty.*	*Description*
3	99-9003	1	Seal-Oil
7	99-9612	1	Gasket-Head, Cylinder
20	99-9126	1	Seal-Oil
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
355	99-9063	1	Washer-Seal
358	99-9667	1	Gasket-Set
868	99-9643	6	Seal-Valve
883	99-9178	1	Gasket-Exhaust
88A	99-9136	1	Gasket-Cover, Gear
1022	99-9073	1	Gasket-Cover, Rocker
1033	99-9668	1	Valve Overhaul Kit
1062	99-9163	1	Gasket-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer
355A	99-9645	1	Washer-Seal
883A	99-9179	1	Gasket-Exhaust

Attachments and Accessories

For 04383 Greensmaster 3250-D

Product Name	Model/Part
Dethatching Reel ASM	04493
Spiker Kit	04494
Tri-Roller Kit	04495
Leak Detector Kit	04497
Light Kit	04551
Roll-Over Protection Kit	04552
Three Wheel Drive Kit	04553
8-Blade DPA Reel Mower	04610
11-Blade DPA Reel Mower	04611
Hose Adapter Kit	100-6430
Oil Cooler Kit	104-7701
Ground-Following Suspension Kit	104-9400
Radiator Screen Kit	105-9766
Arm Rest Kit	30707
Tie Down Kit	94-6379
Spark Arrestor Screen	94-8157
Tire-Mate, Turf	99-4506

Notes:

Notes:

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Count on it.