



Groundsmaster® 3500-D

Model No. 30821 - 240000601 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

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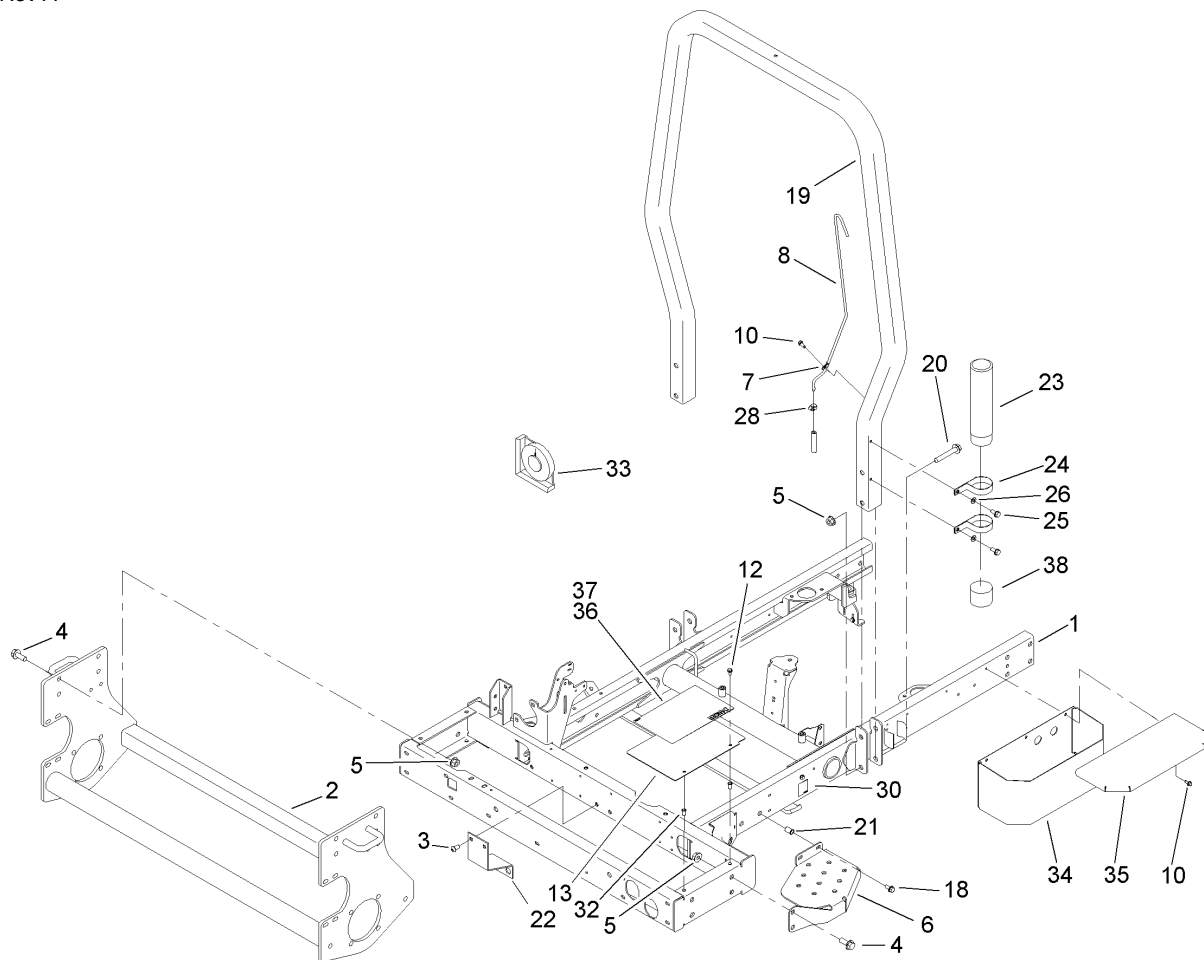
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR.	as required	HYD.	hydraulic
ASM.	assembly	LH.	left hand
BBC.	blade brake clutch	NI.	nylon insert
CARR.	carriage	NPTF.	national pipe thread fine
DEG.	degrees	PFH.	phillips flat head
EXT.	external	PPH.	phillips pan head
FH.	flat head	PPHTF.	phillips pan head thread forming
GA.	gauge	PRH.	phillips round head
HD.	heavy-duty	PTH.	phillips truss head
HF.	hex flange	PTO.	power-take-off
HH.	hex head	RH.	right hand
HHF.	hex head flange	ROPS.	roll-over protection system
HHFTF.	hex head flange thread forming	SFH.	slotted fillister head
HJ.	hex jam	SHH.	slotted hex head
HLH.	hex lag head	SHWH.	slotted hex washer head
HOC.	height-of-cut	SPH.	slotted pan head
HSBH.	hex socket button head	SQH.	square head
HSFH.	hex socket flat head	SRH.	slotted round head
HSH.	hex socket head	STD.	standard
HWH.	hex washer head	TAP.	self tapping
HWHTF.	hex washer head thread forming	TTH.	torx truss head

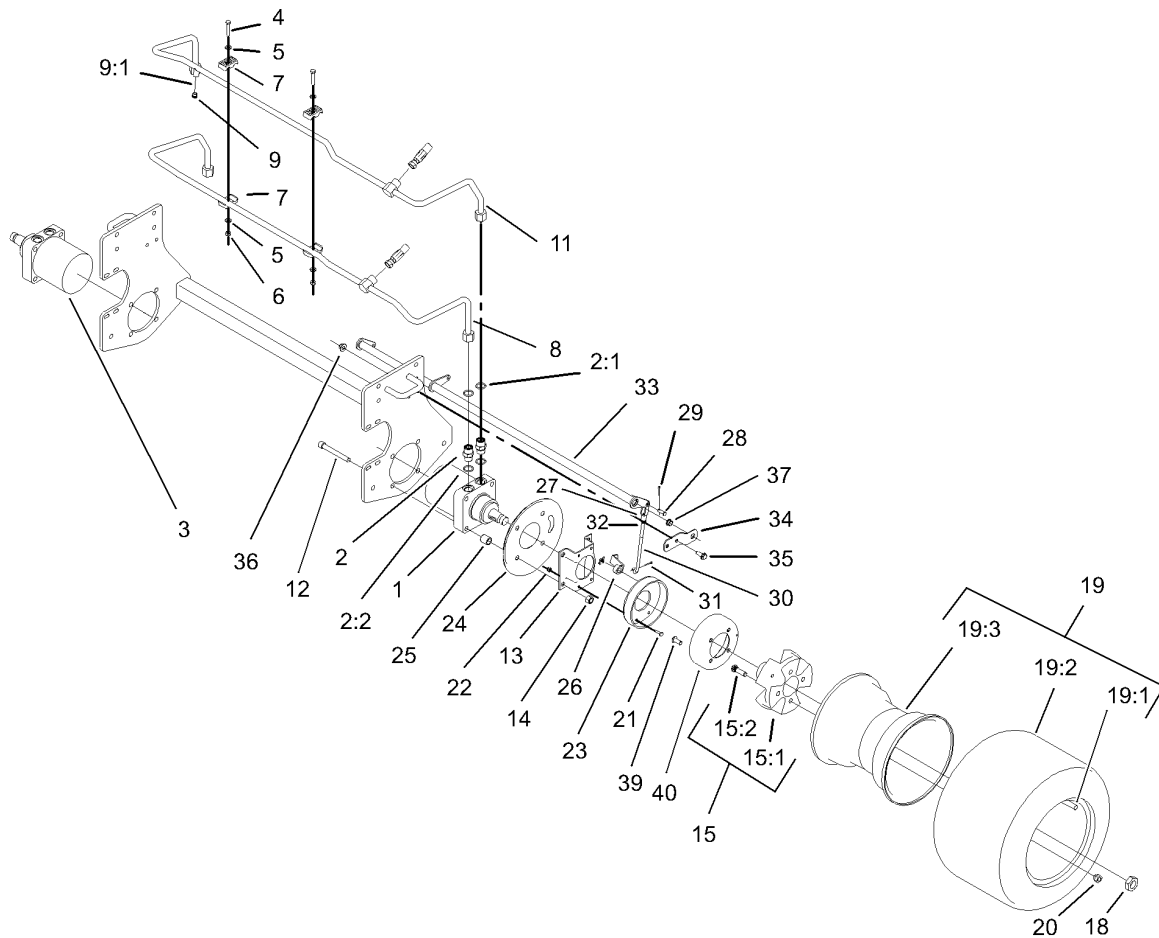
Footnotes

- ❶** Not illustrated
- ❷** Not serviced separately



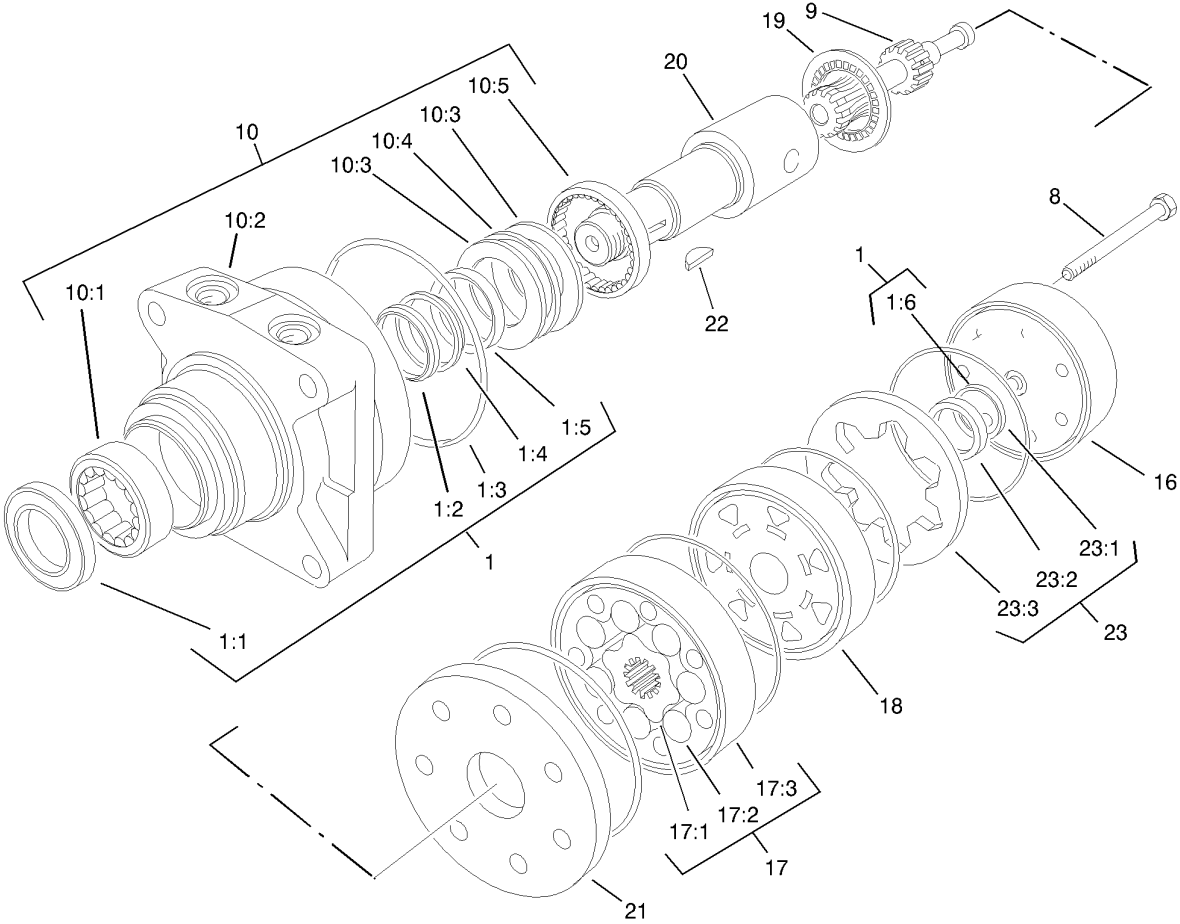
Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	99-3610-03	1	Frame ASM	34	104-4634-03	1	Toolbox ASM
2	95-8568-03	1	Frame-Lower	35	104-4633-03	1	Toolbox Cover ASM
3	3274-80	2	Screw-HH	36	104-0484	1	Decal-Danger
4	3234-38	8	Screw-HHF	37	104-5181	1	Decal-Danger, Ce
5	32128-49	12	Nut-HHF	38	104-7048	1	Cap-Housing
6	99-3375-03	1	Step				
7	2412-72	3	Clip-Closed, Insulated				
8	95-8615	1	Tube-Breather				
10	32144-10	11	Screw-HWH				
12	3234-4	2	Screw-HHF				
13	104-0468-01	1	Cover-Frame				
18	3234-5	2	Screw-HHF				
19	99-3350-03	1	Tube-ROPS				
20	3234-40	4	Screw-HF				
21	32148-8	2	Insert-Threaded				
22	95-8598-03	1	Bracket-Bulkhead, Scissor				
23	104-7050	1	Housing-Manual				
24	2412-133	2	R-Clamp				
25	32144-70	2	Screw-HWHTF				
26	3256-23	2	Washer-Flat				
28	2412-108	1	Clamp-Worm				
30	105-4674	1	Decal-Noise				
32	32148-6	2	Insert-Nut				
33	99-3503	1	Indicator-Angle				



Front Wheel and Brake Assembly

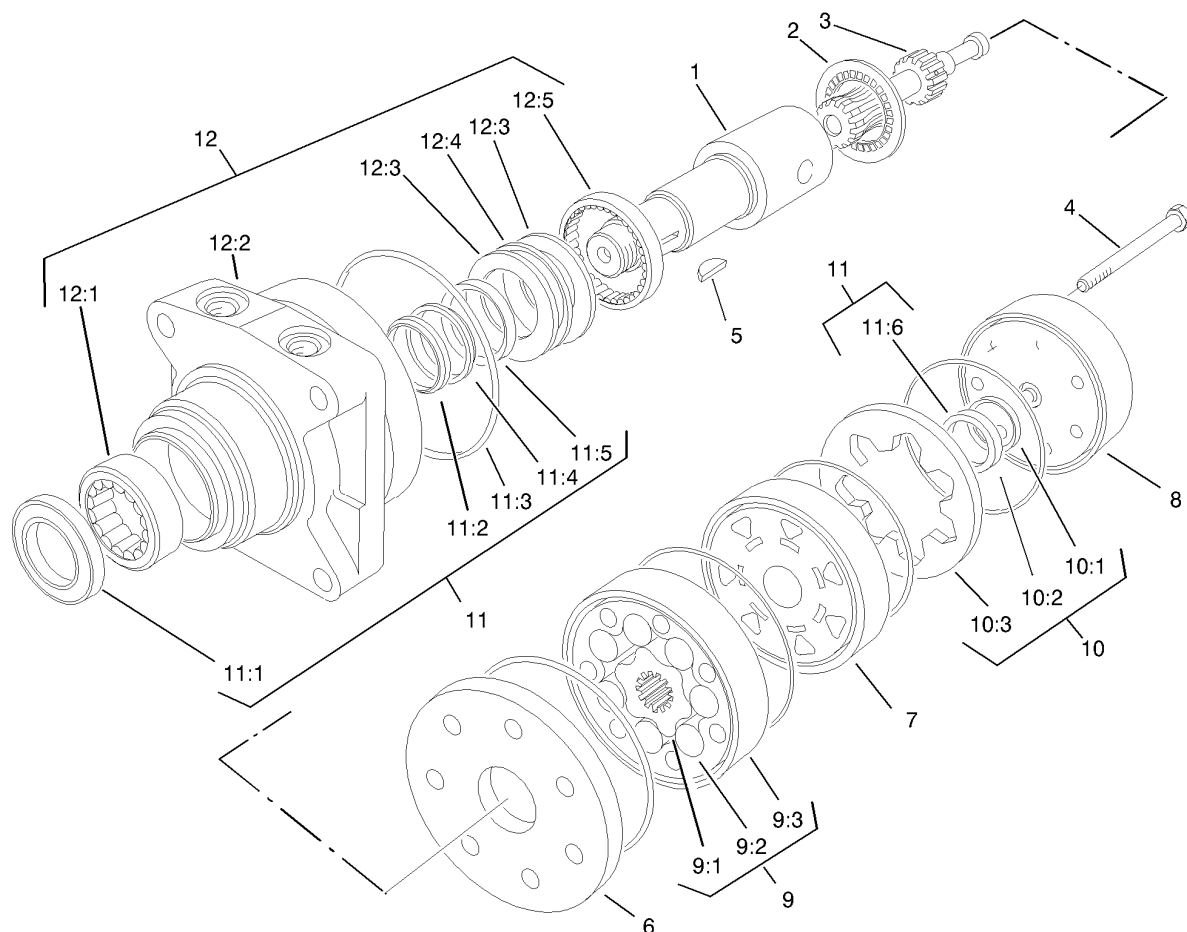
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	75-9990	1	HYD Motor ASM	20	242-50	8	Nut-Lug
2	340-7	4	Adapter	21	321-5	8	Screw-HH
2:1	237-65	1	O-Ring	22	3296-42	8	Nut-Lock, NI
2:2	237-80	1	O-Ring	23	104-7705	2	Brake ASM
3	95-8693	1	HYD Motor ASM	24	104-0485-03	2	Shield-Wheel
4	322-9	2	Screw-HH	25	92-1715	8	Spacer
5	3256-23	4	Washer-Flat	26	93-6850	2	Lever-Brake
6	3296-29	2	Nut-Lock, NI	27	282-2	2	Yoke
7	56-7971	4	Clamp-Tube	28	283-1	2	Pin-Clevis
8	95-8783	1	Tube ASM	29	3272-10	2	Pin-Cotter
9	353-990	1	Plug	30	104-4627	2	Rod-Adjusting
9:1	237-78	1	O-Ring	31	3272-6	2	Pin-Cotter
11	95-8784	1	Tube ASM	32	3220-2	2	Nut-Jam
12	3274-99	8	Screw-HSH	33	104-4625-03	1	Brake Pivot Shaft ASM
13	84-2000-03	2	Bracket-Brake	34	95-8683	2	Bracket-Pivot, Brake
14	3296-23	8	Nut-Lock, NI	35	3234-11	4	Screw-HHF
15		2	Wheel Hub / Stud ASM	36	32128-43	4	Nut-Flange
15:1	104-0462-03	1	Hub-Wheel	37	256-156	2	Bushing-Flange
15:2	10-6830	4	Stud-Type, Drive	39	3274-105	8	Screw-HSBH
18	26-3790	2	Nut-Lock	40	104-4809	2	Drum-Brake
19		2	Tire And Wheel ASM				
19:1	232-27	1	Stem-Valve				
19:2	104-0451	1	Tire-Turf, Trac				
19:3	104-0452	1	Rim-Wheel				



Hydraulic Motor Assembly No. 75-9990

Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit
②1:1		1	Seal-Dirt & Water
②1:2		1	Washer-Back-Up
②1:3		5	Ring-Seal
②1:4		1	Washer-Back-Up
②1:5		1	Seal-Inner
②1:6		1	Seal-Commutator
8	76-1010	7	Screw
9	76-0960	1	Link-Drive
10	76-0810	1	Housing ASM
②10:1		1	Bearing
②10:2		1	Housing
②10:3		2	Washer-Thrust
②10:4		1	Bearing-Thrust
②10:5		1	Bearing
16	76-0940	1	End Cover ASM
17	76-0970	1	Rotor Set
②17:1		1	Rotor
②17:2		7	Vane
②17:3		1	Stator
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear

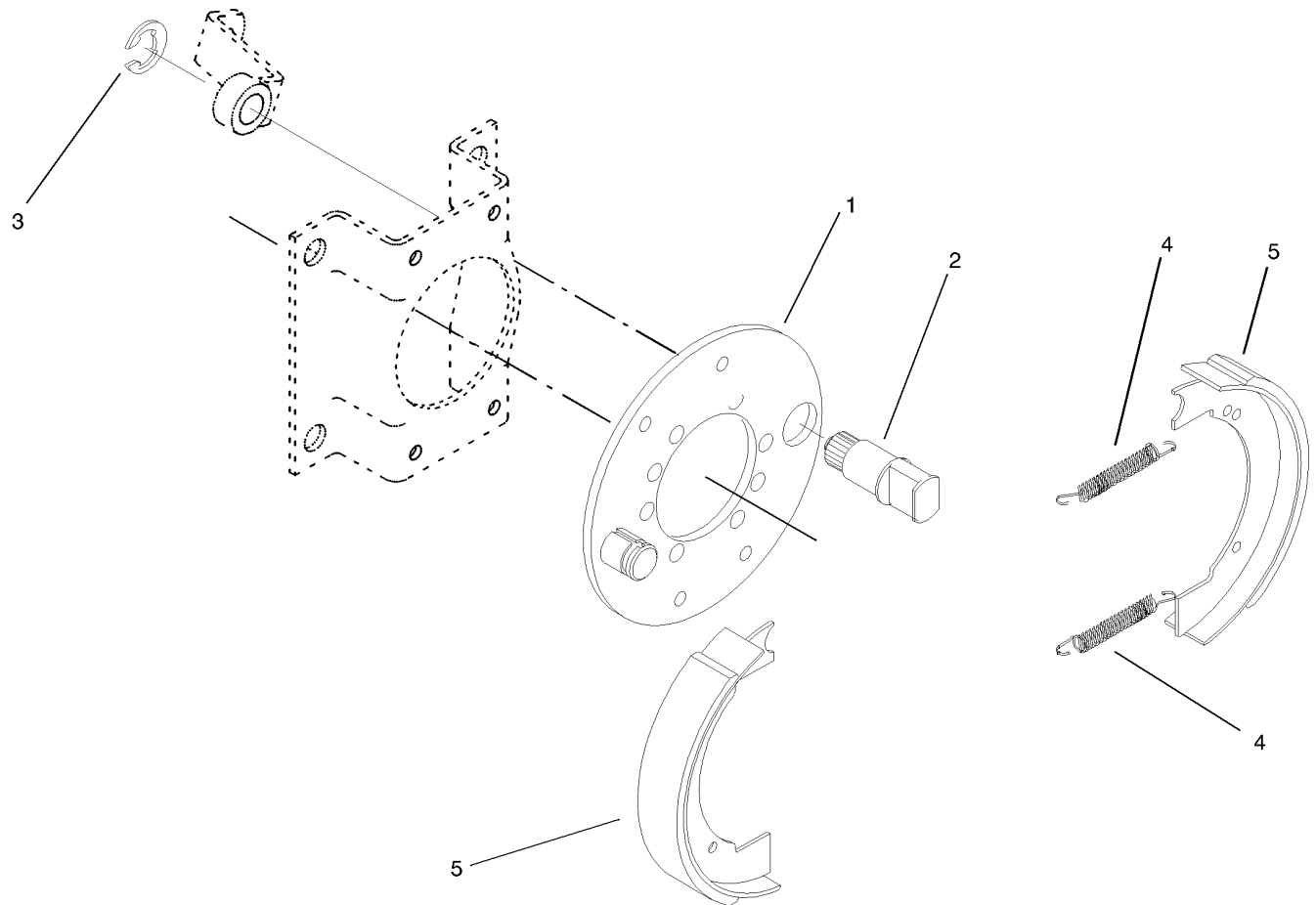
Ref	Part No.	Qty.	Description
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
②23:1		1	Seal-Commutator
②23:2		1	Commutator
②23:3		1	Ring-Commutator



Hydraulic Motor Assembly No. 95-8693

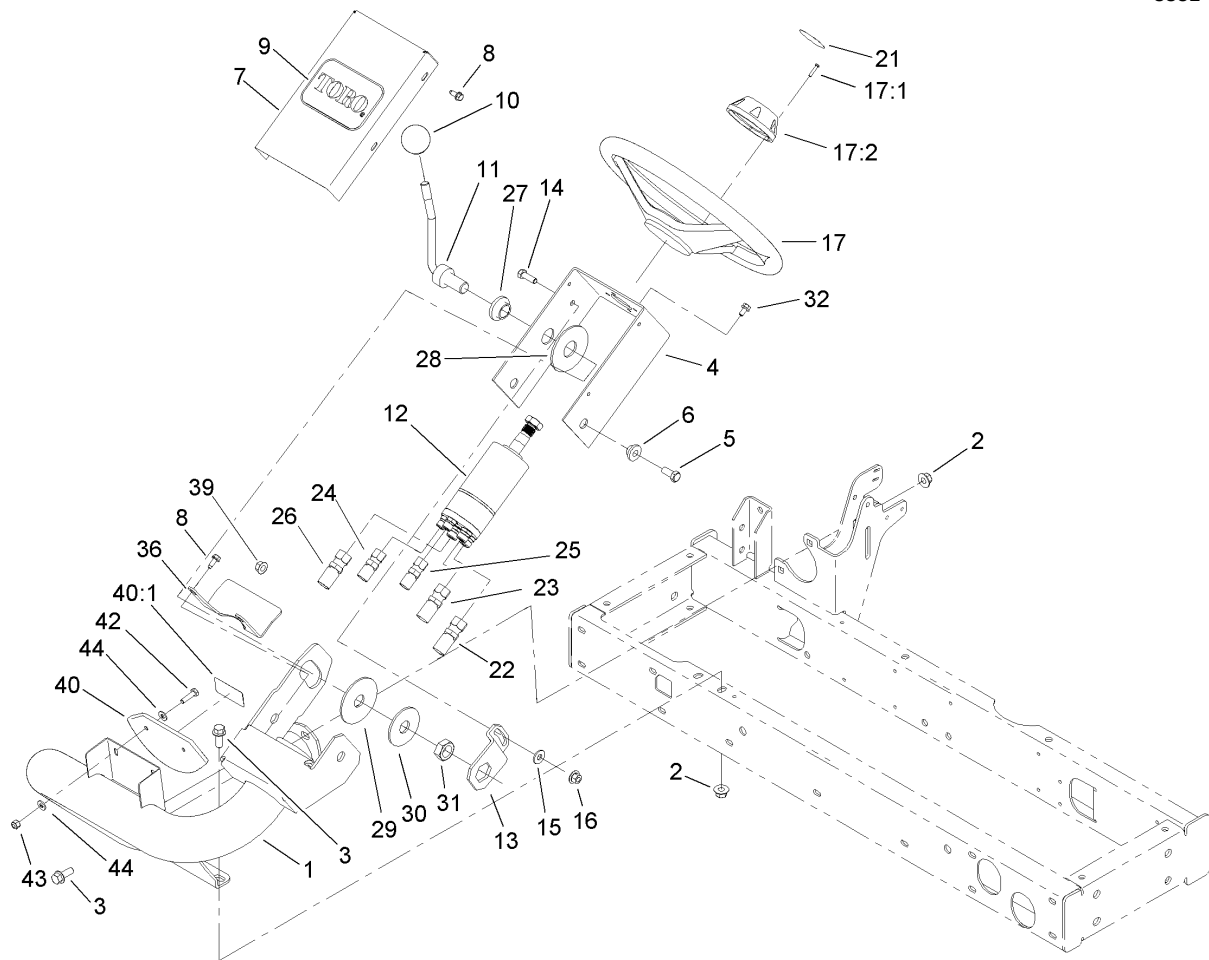
Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	76-1010	7	Screw
5	3257-42	1	Key-Woodruff
6	76-0870	1	Plate-Wear
7	99-3535	1	Manifold
8	76-0940	1	End Cover ASM
9	76-0970	1	Rotor Set
9:1		1	Rotor
9:2		7	Vane
9:3		1	Stator
10	76-0880	1	Commutator ASM
10:1		1	Seal-Commutator
10:2		1	Commutator
10:3		1	Ring-Commutator
11	76-0800	1	Seal Kit
11:1		1	Seal-Dirt & Water
11:2		1	Washer-Back-Up
11:3		5	Ring-Seal
11:4		1	Washer-Back-Up
11:5		1	Seal-Inner
11:6		1	Seal-Commutator
12	76-0810	1	Housing ASM

Ref	Part No.	Qty.	Description
12:1		1	Bearing
12:2		1	Housing
12:3		2	Washer-Thrust
12:4		1	Bearing-Thrust
12:5		1	Bearing



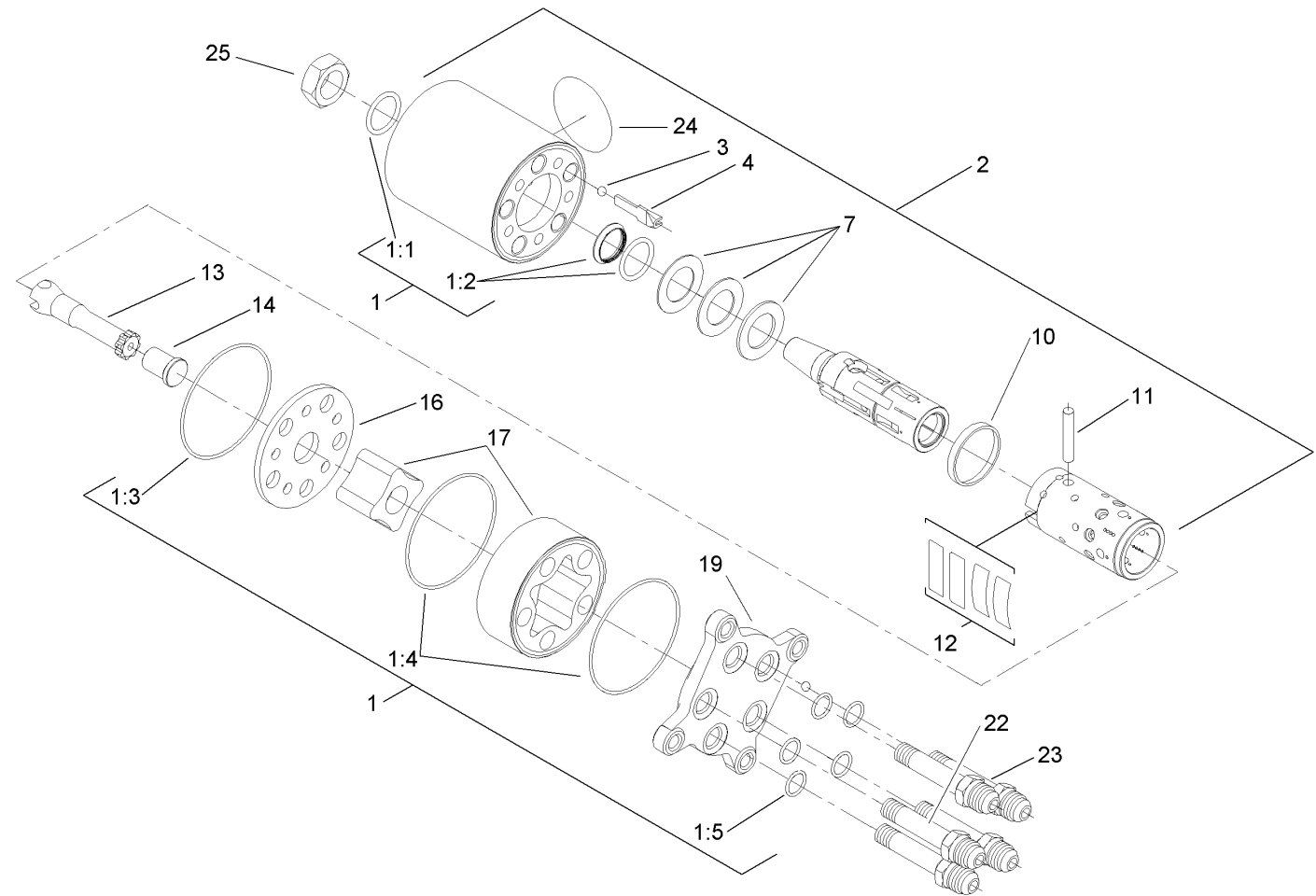
Brake Assembly No. 104-7705

Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



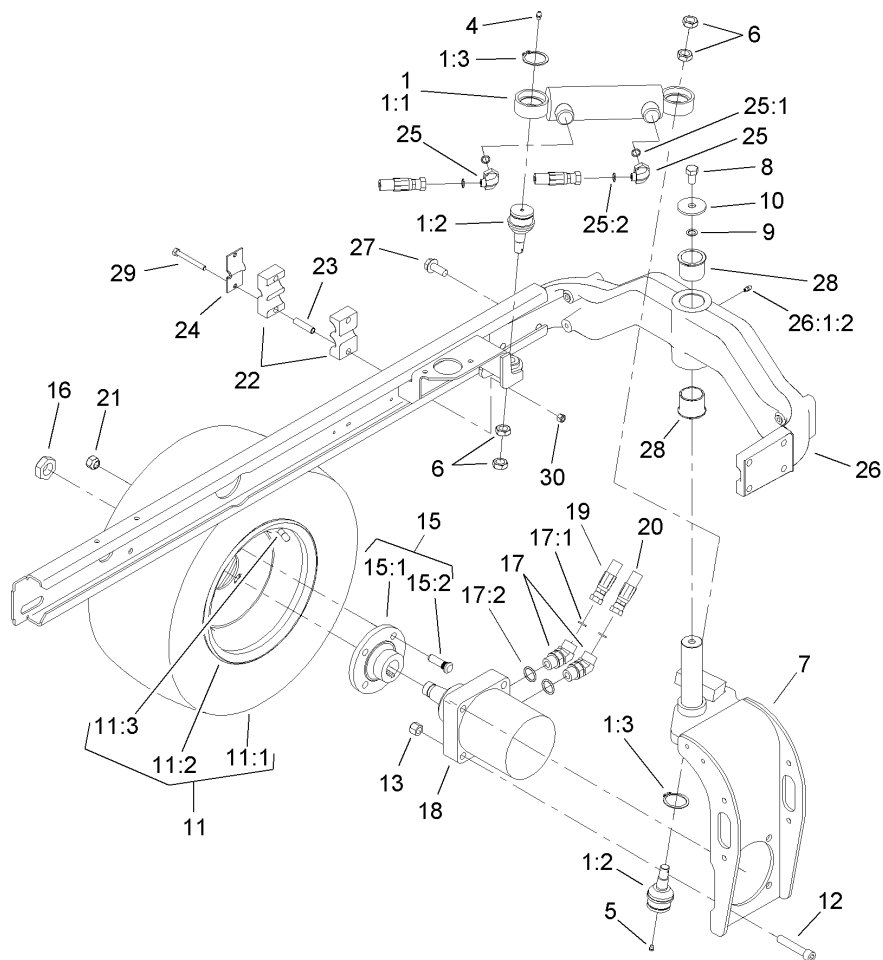
Steering Column Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	105-8536-01	1	Arm-Steering	26	95-8846	1	Hose ASM
2	32128-43	4	Nut-Flange	27	99-3502	1	Boss
3	3234-11	4	Screw-HHF	28	31-0390	1	Disc-Friction
4	104-5185-01	1	Bracket-Valve, Steering	29	82-9010	1	Disc-Friction
5	323-5	2	Screw-HH	30	80-2930	1	Washer-Flat
6	93-5988	2	Hub-Pivot	31	3218-7	1	Nut-Jam
7	95-8794-01	1	Cover-Valve, Steering	32	33103-012	4	Screw-HHF
8	32144-10	5	Screw-HWH	36	99-3405-01	1	Shield-Steering
9	67-1300	1	Decal	39	32128-21	2	Nut-HF
10	233-48	1	Knob	40	100-4929	1	Slope Indicator ASM
11	95-8798-03	1	Lever-Steering	40:1	107-7801	1	Decal-Danger, Ce
12	104-5180	1	Valve-Steering	40:1	100-4837	1	Decal-Danger
13	80-2880	1	Bracket-Tilt	42	321-7	2	Screw-HH
14	322-5	1	Screw-HH	43	3296-42	2	Nut-Lock, NI
15	3256-3	1	Washer-Flat	44	3256-22	4	Washer-Flat
16	32128-44	1	Nut				
17	75-0560	1	Wheel-Steering				
17:1	32144-21	1	Screw				
17:2	68-5140	1	Cap-Wheel, Steering				
21	68-5370	1	Decal				
22	95-8842	1	Hose ASM				
23	95-8843	1	Hose ASM				
24	100-4892	1	Hose ASM				
25	100-4893	1	Hose ASM				



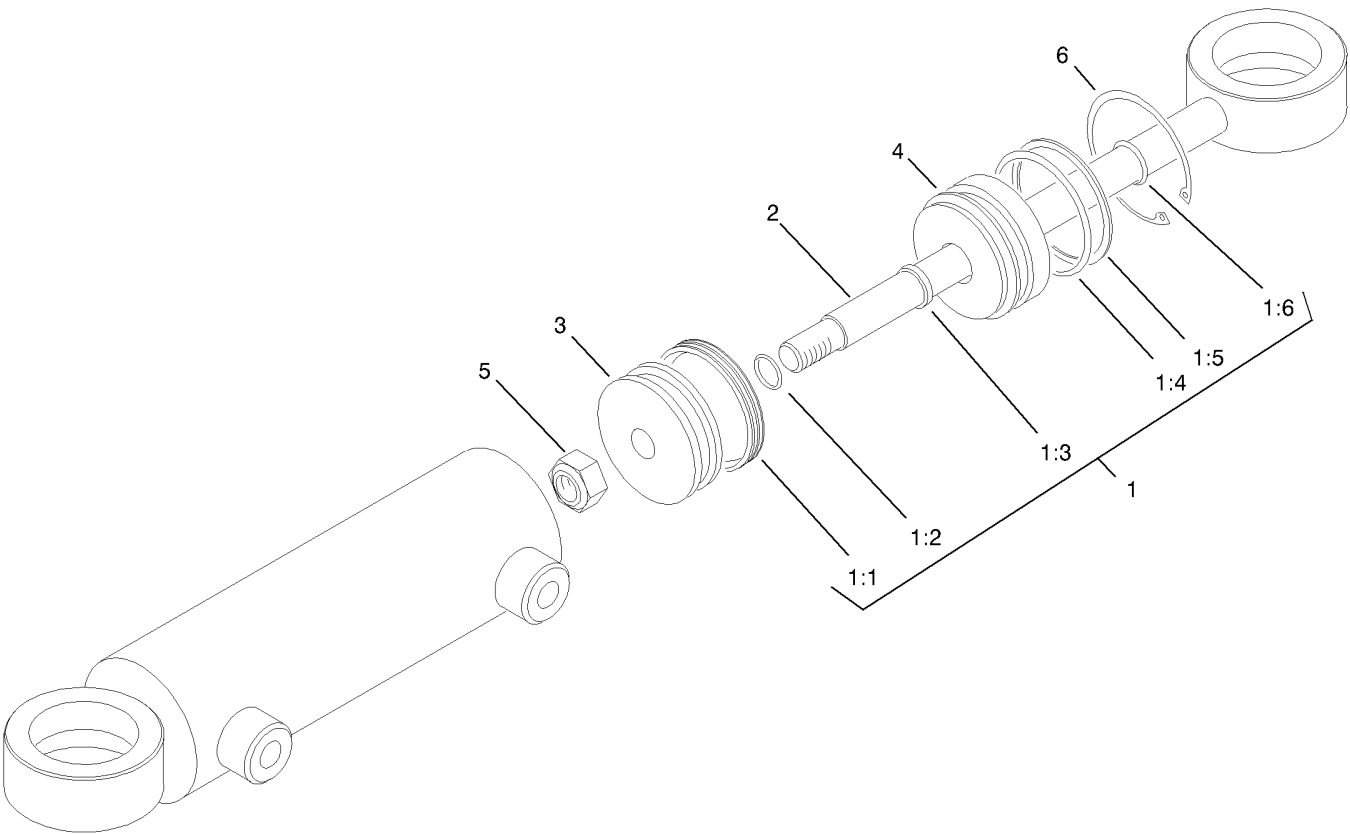
Steering Valve Assembly No. 104-5180

Ref	Part No.	Qty.	Description				
1	106-6716	1	Seal Kit				
1:1		1	Ring-Seal, Dust				
1:2		1	Seal-Shaft				
1:3		1	Seal-Dust				
1:4		2	Seal-Dust				
1:5		5	Seal-Dust				
2		1	Housing				
3		1	Ball				
4		1	Stop-Ball				
7		1	Bearing ASM				
10		1	Ring				
11		1	Pin-Cross				
12		1	Springs				
13		1	Shaft				
14		1	Spacer				
16		1	Plate-Distributor				
17		1	Gearwheel Set				
19		1	Cover-End				
22		1	Screw-Special				
23		4	Screw-Special				
24		1	Plate-Name				
25	107-7818	1	Nut-Jam				



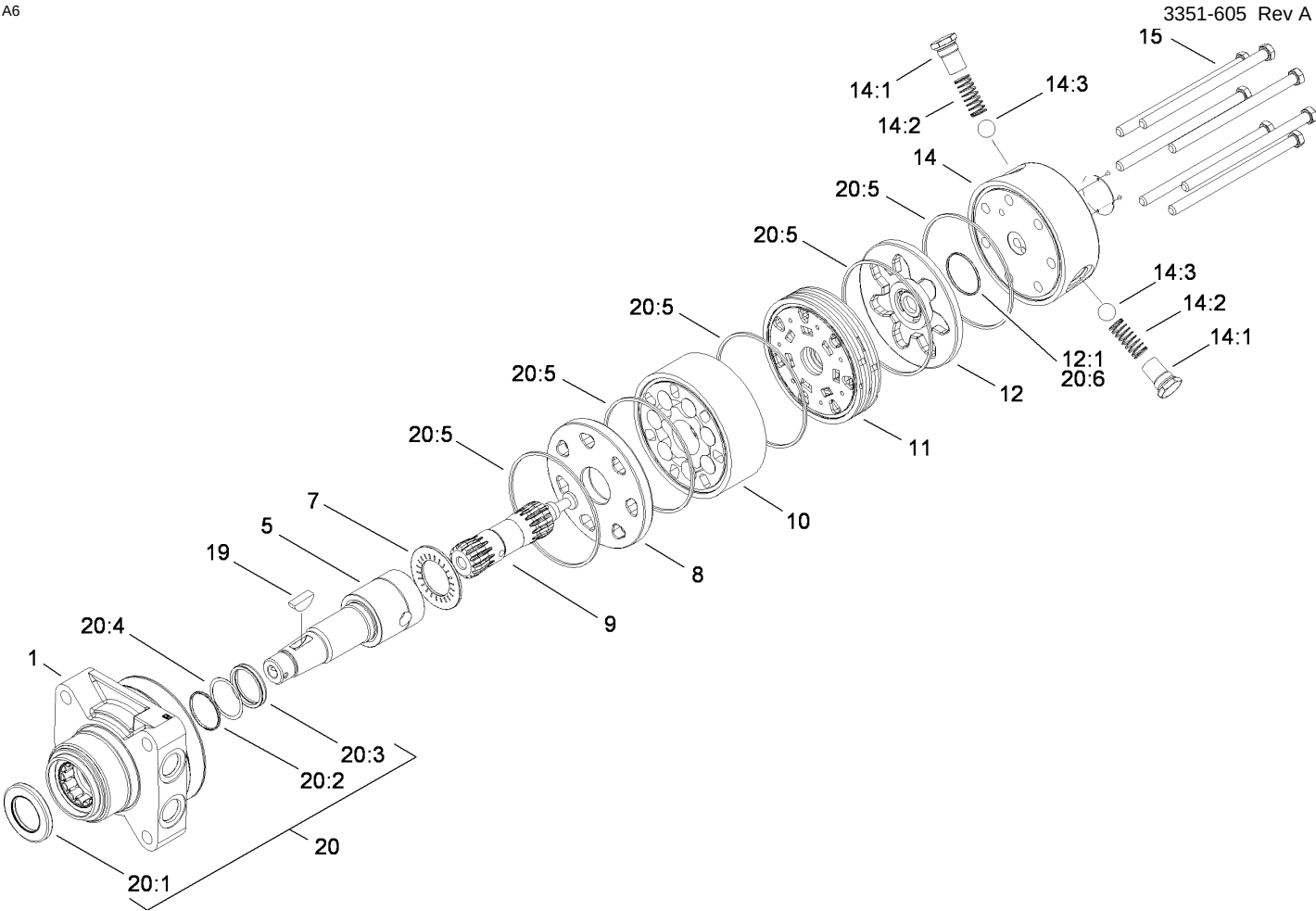
Rear Fork and Tire Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1		1	Steering Cylinder / Balljoint ASM	18	95-8694	1	HYD Motor ASM
1:1	94-8141	1	HYD Cylinder ASM	19	105-1213	1	Hose ASM
1:2	106-6774	2	Joint-Ball	20	105-1212	1	Hose ASM
1:3	32151-104	2	Ring-Retaining, External	21	242-50	4	Nut-Lug
4	302-5	1	Fitting-Grease	22	82-8170	2	Clamp
5	302-59	1	Plug-Threaded	23	93-7960	2	Spacer
6	3220-6	4	Nut-Jam	24	93-7961	1	Clamp-Drain, Case
7	95-8905-01	1	Fork-Rear	25	340-132	2	Fitting-HYD, 90 DEG
8	325-3	1	Screw-HH	25:1	237-78	1	O-Ring
9	3255-2	1	Washer-Lock / EXT	25:2	237-21	1	O-Ring
10	75-7730	1	Washer-Thrust	26	18-3979-03	1	Rear Casting ASM
②11		1	Tire & Wheel ASM	26:1:2	302-5	1	Fitting-Grease
11:1	95-8656	1	Tire-4-Ply Turf-Trac (20X10-10)	27	3234-38	8	Screw-HHF
11:2	95-8657	1	Rim-Wheel	28	95-8805	2	Bushing
11:3	232-27	1	Stem-Valve	29	322-13	2	Screw-HH
12	3274-93	4	Screw-HSH	30	3296-29	2	Nut-Lock, NI
13	3296-23	4	Nut-Lock, NI				
②15		1	Wheel Hub / Stud ASM				
15:1	10-6870-03	1	Hub-Wheel				
15:2	10-6830	4	Stud-Type, Drive				
16	26-3790	1	Nut-Lock				
17	340-14	2	Fitting-HYD, 45 DEG				
17:1	237-65	1	O-Ring				
17:2	237-80	1	O-Ring				



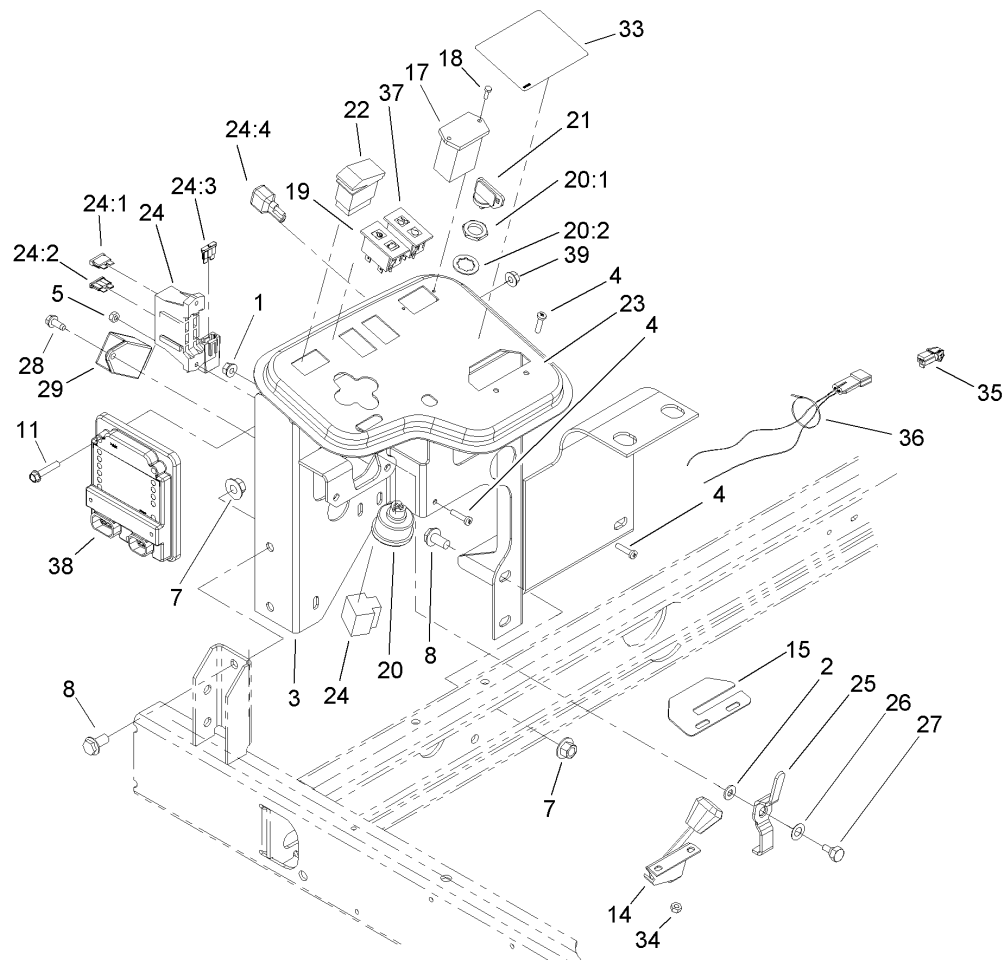
Hydraulic Cylinder Assembly No. 94-8141

Ref	Part No.	Qty.	Description				
1	86-5390	1	Seal Kit				
1:1		1	Uniring				
1:2		1	Seal-Dust				
1:3		1	Seal-Rod				
1:4		1	Seal-Dust				
1:5		1	Ring-Backup				
1:6		1	Seal-Dust				
2		1	Rod				
3		1	Piston				
4		1	Gland				
5		1	Nut-Lock				
6		1	Ring-Retaining				



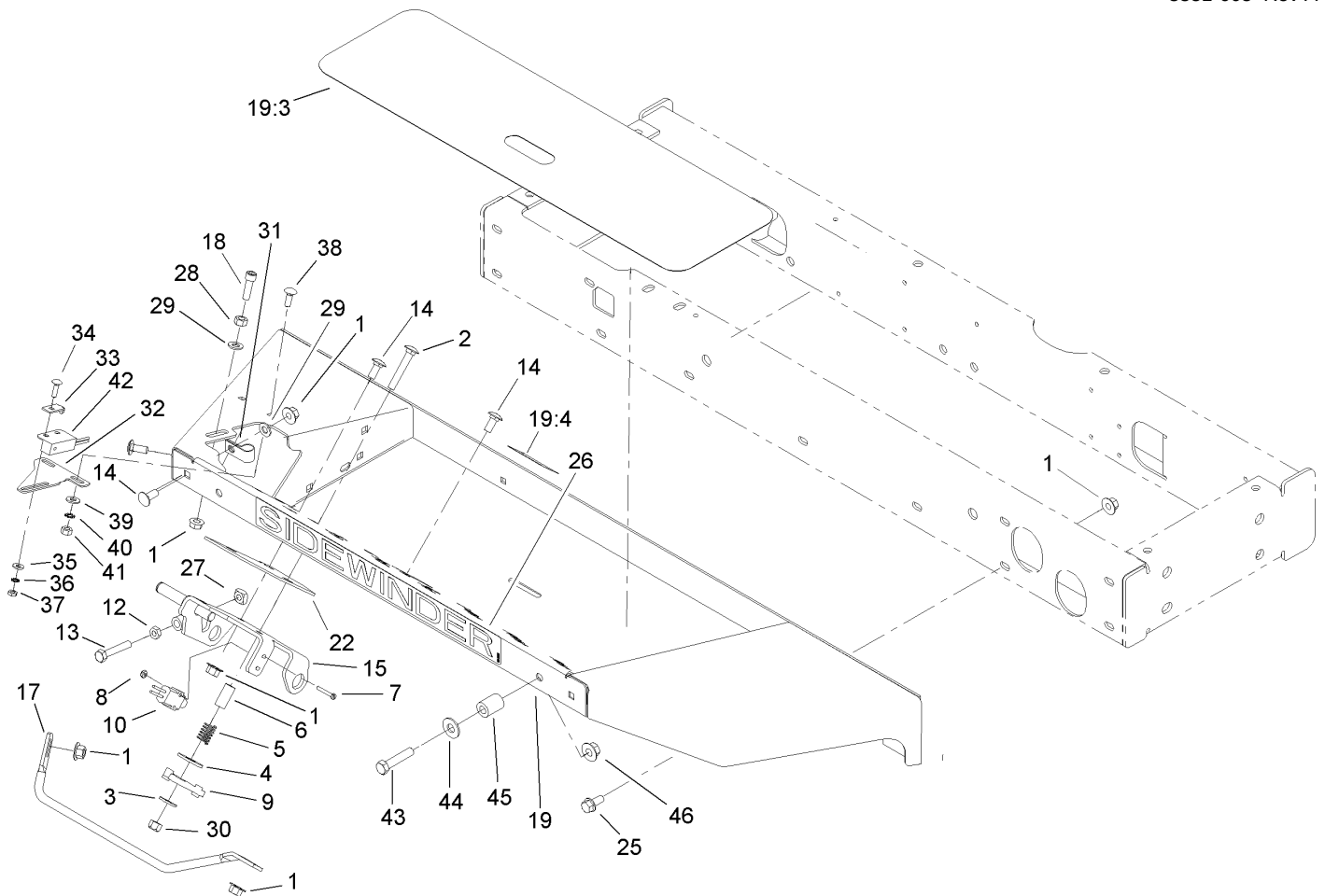
Hydraulic Motor Assembly No. 95-8694

Ref	Part No.	Qty.	Description				
1	76-0810	1	Housing ASM				
5	99-3090	1	Shaft-Coupling				
7	76-0850	1	Bearing-Thrust				
8	76-0870	1	Plate-Wear				
9	99-3537	1	Link-Drive				
10	99-3539	1	Set-Rotor				
11	99-3535	1	Manifold				
12	76-0880	1	Commutator ASM				
②12:1		1	Seal-Commutator				
14	99-3538	1	End Cover ASM				
②14:1		1	Spring Cap And O-Ring ASM				
14:2	99-3541	1	Spring				
14:3	99-3540	1	Ball				
15	99-3536	7	Screw-HH				
19	3257-42	1	Key-Woodruff				
20	94-8178	1	Seal Kit				
②20:1		1	Seal-Dirt And Water				
②20:2		1	Backup-Ring				
②20:3		1	Seal-Shaft				
②20:4		1	Washer-Back Up				
②20:5		5	Seal-Square, Ring (Inner)				
②20:6		1	Seal-Commutator				



Control Panel Assembly

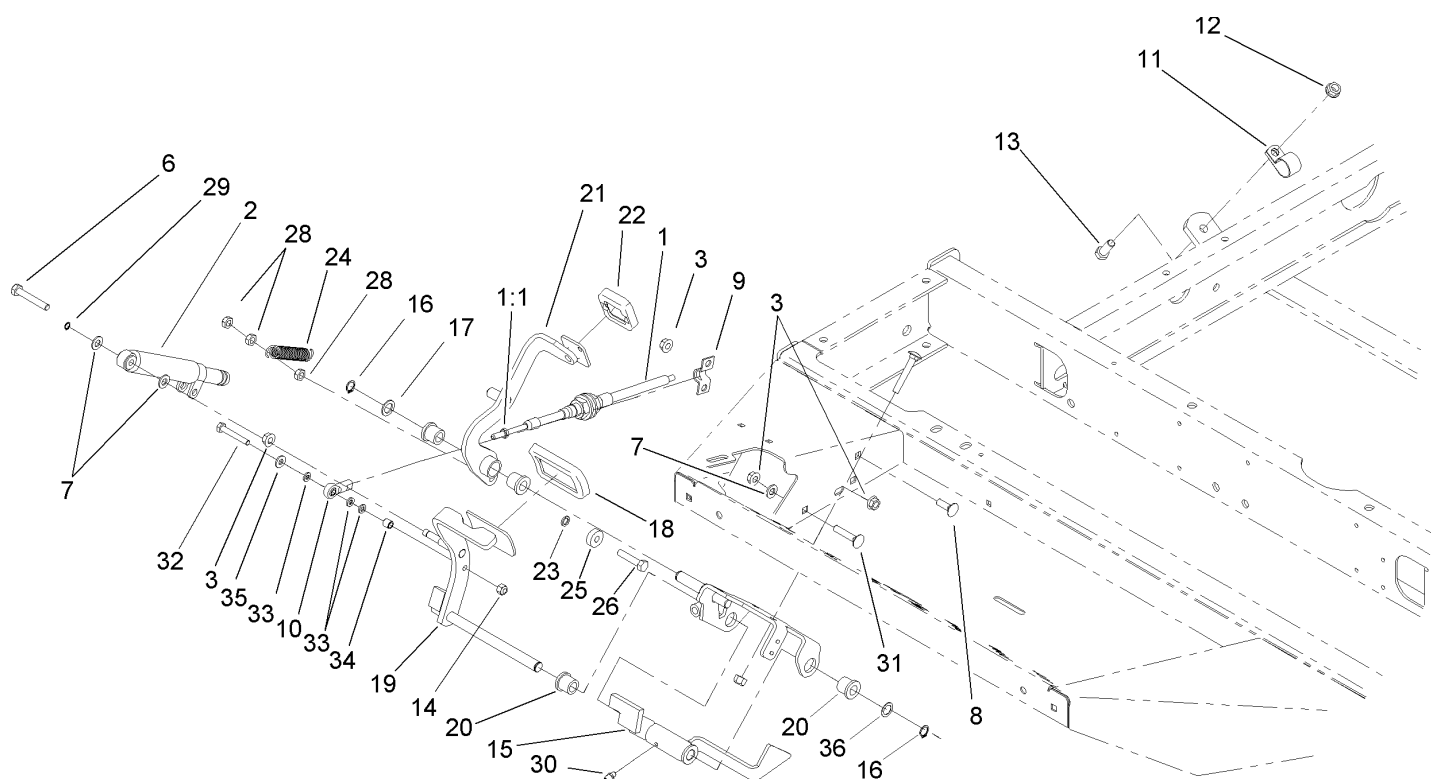
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	32128-32	1	Nut-HHF	25	99-3401-03	1	Lever-Valve, Lock
2	3256-22	1	Washer-Flat	26	3290-477	1	Washer-Curved
3	104-5190-03	1	Panel-Control	27	63-3410	1	Screw-Shoulder
4	3250-27	4	Screw-PPH	28	32144-10	1	Screw-HWH
5	3296-2	2	Nut-Lock	29	99-3463	1	Controller-Glow
7	32128-43	5	Nut-Flange	33	99-3558	1	Decal-Console, Ce
8	3234-1	5	Screw-HHF	34	3290-148	2	Nut-HF
11	321-8	3	Screw-HH	35	104-4875	1	Harness-Wire, Jumper
14	95-8855	1	Control-Throttle	36	3290-378	1	Tie-Cable
15	104-0421	1	Plate-Stop, Throttle	37	100-8071	1	Lamp-Warning
17	75-6820	1	Hourmeter	38	105-8505	1	Module-Control, Standard
18	32144-18	2	Screw-HH	39	32128-33	3	Nut-HF
19	100-8070	1	Lamp-Warning				
20	104-2541	1	Switch ASM				
20:1	218-461	1	Nut-HH				
20:2	3254-5	1	Washer-Tooth				
21	63-8360	2	Key-Ignition				
22	95-8999	1	Switch				
23	104-5191	1	Decal-Console				
24	104-5165	1	Harness-Wire				
24:1	109355	1	Fuse-15 Amp				
24:2	218-578	2	Fuse-10 Amp				
24:3	94-6710	1	Fuse-Blade, 2 Amp				
24:4	100-4918	1	Diode				



Front Platform Assembly

Ref	Part No.	Qty.	Description
1	32128-20	18	Nut-HF
2	3230-6	1	Screw-CARR
3	3256-3	1	Washer-Flat
4	3256-40	1	Washer-Flat
5	65-9940	1	Spring
6	95-8866	1	Tube-Arm, Rocker
7	32105-9	2	Screw
8	3296-9	2	Nut-Lock
9	99-3593	1	Arm-Rocker
10	95-8900	1	Switch
12	3218-2	1	Nut-Jam
13	322-41	1	Screw-HH
14	3230-23	5	Screw-CARR
15	95-8869-03	1	Bracket-Pedal, Traction
17	95-8893	1	Bar-Deflector
18	3274-22	1	Screw-HSH
19	106-4154	1	Floorplate ASM
19:3	99-3478	1	Tread-Foot
19:4	99-3444	1	Decal-Mow / Transport
22	106-2661-01	1	Plate-Support
25	3234-5	10	Screw-HHF
26	99-3388	1	Decal
27	99-3565	1	Nut-Square
28	3217-6	1	Nut-Hex

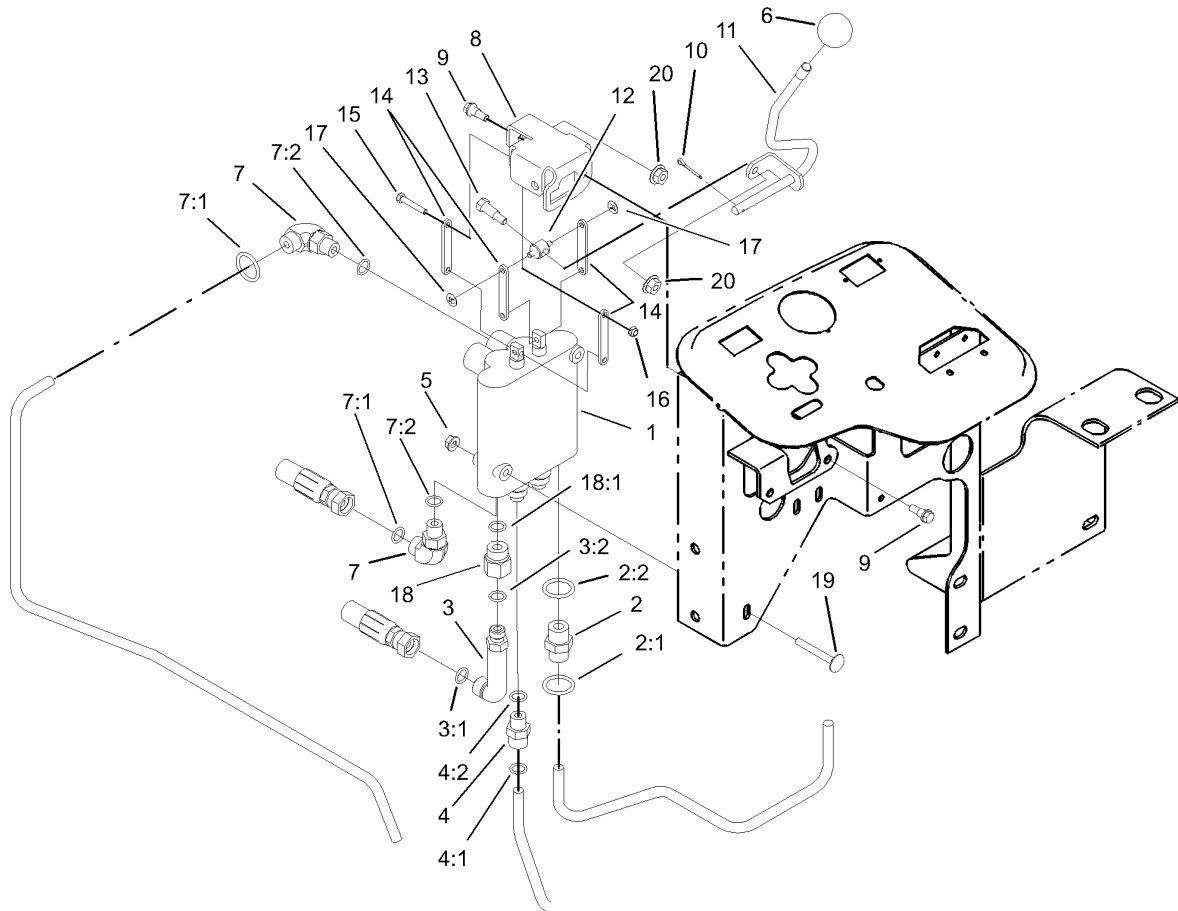
Ref	Part No.	Qty.	Description
29	3256-23	2	Washer-Flat
30	3296-29	1	Nut-Lock, NI
31	2412-103	1	Clamp
32	100-4871	1	Bracket-Switch, Neutral
33	100-4872	1	Plate-Switch, Neutral
34	3229-20	1	Screw-CARR
35	3256-14	1	Washer-Flat
36	3255-17	1	Washer-Lock, EXT
37	3296-2	1	Nut-Lock
38	3229-1	2	Screw-CARR
39	3256-22	2	Washer-Flat
40	3255-7	2	Washer-Lock/EXT
41	3217-5	2	Nut-Hex
42	100-1270	1	Switch-Proximity
43	323-9	2	Screw-HH
44	3256-4	2	Washer-Flat
45	104-4613	2	Tube-Latch
46	32128-43	2	Nut-Flange



Traction Pedal Assembly

Ref	Part No.	Qty.	Description
1	100-4815	1	Cable-Control, Traction
1:1	3220-1	2	Nut-Jam
2	76-8870	1	Lever Damper ASM
3	32128-20	5	Nut-HF
6	322-10	1	Screw-HH
7	3256-23	3	Washer-Flat
8	3230-23	2	Screw-CARR
9	93-2092	1	Clamp-Cable
10	2411-41	1	Joint-Ball
11	2412-41	1	Clamp
12	3290-357	1	Nut-HHF, Whiz
13	323-6	1	Screw-HH
14	3296-42	1	Nut-Lock, NI
15	95-8861	1	Slide
16	32151-84	2	Ring-Shaft, EXT
17	41-8440	1	Washer
18	74-9100	1	Pad-Pedal, Forward
19	104-4852-03	1	Traction Pedal ASM
20	256-243	2	Bearing-Flange
21	99-3379	1	Pedal-Reverse
22	74-9110	1	Pad-Pedal, Reverse
23	75-5470	1	Spacer-Bearing
24	99-3476	1	Spring-Extension
25	251-259	1	Bearing-Ball

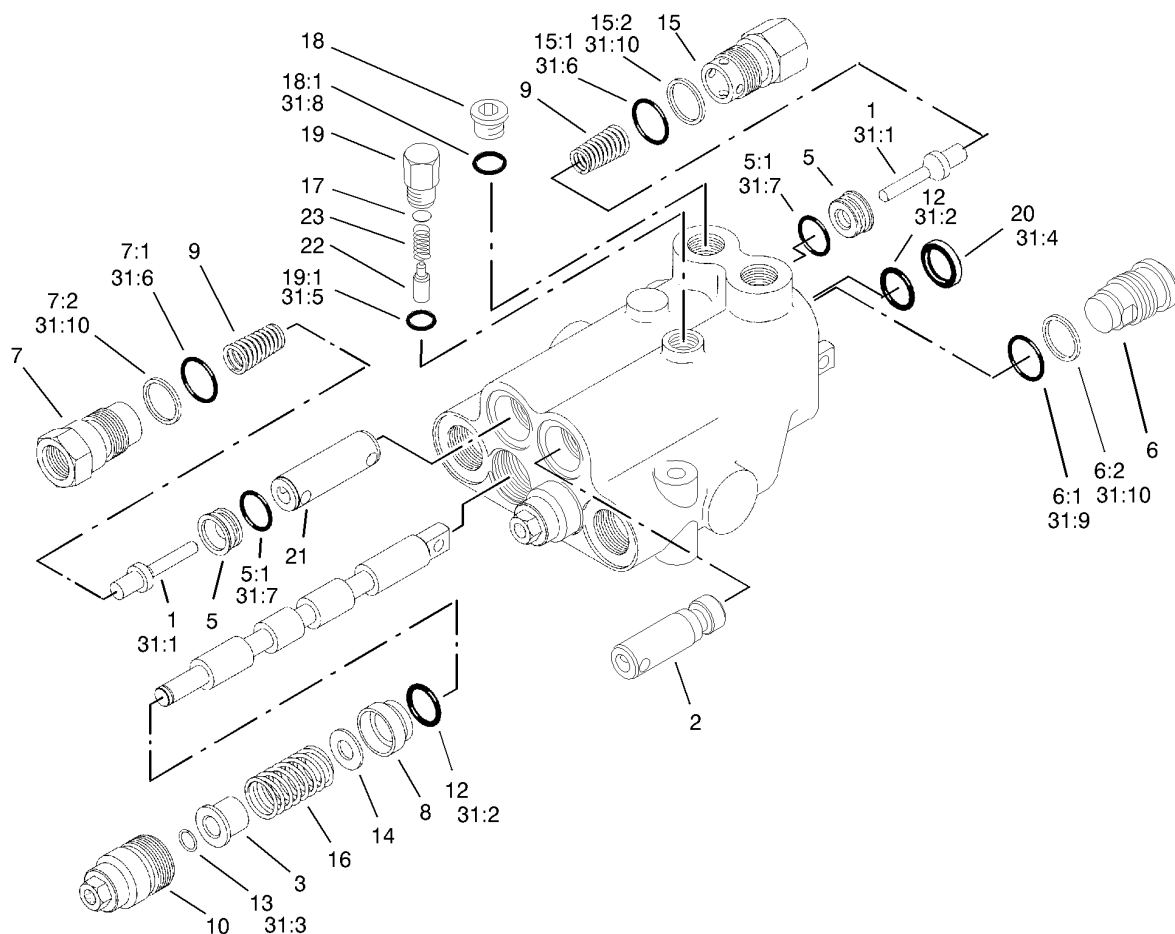
Ref	Part No.	Qty.	Description
26	322-7	1	Screw-HH
28	3296-47	3	Nut-Lock, NI
29	32151-3	1	Ring-Grip, EXT
30	302-5	1	Fitting-Grease
31	3230-27	1	Screw-CARR
32	321-10	1	Screw-HH
33	33093-00	3	Washer-Flat
34	99-3545	1	Spacer
35	3256-22	1	Washer-Flat
36	73-0040	4	Washer-Thrust



Control Valve Installation Assembly

Ref	Part No.	Qty.	Description
1	95-8581	1	Valve-2 Spool
2	340-3	1	Adapter
2:1	237-22	1	O-Ring
2:2	237-79	1	O-Ring
3	69-4320	1	Fitting-HYD, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	340-2	1	Fitting-HYD, Straight
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	32128-33	2	Nut-HF
6	233-42	1	Knob
7	340-77	2	Fitting-HYD, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	95-8633	1	Bracket-Valve, Actuator
9	42-3560	2	Bolt-Shoulder
10	3272-6	1	Pin-Cotter
11	95-8635	1	Lever-Valve
12	95-8638	1	Trunnion-Valve, Actuator
13	92-8916	1	Bolt-Shoulder
14	95-8634	4	Link
15	87-5150	3	Bolt
16	87-5140	3	Nut-Lock

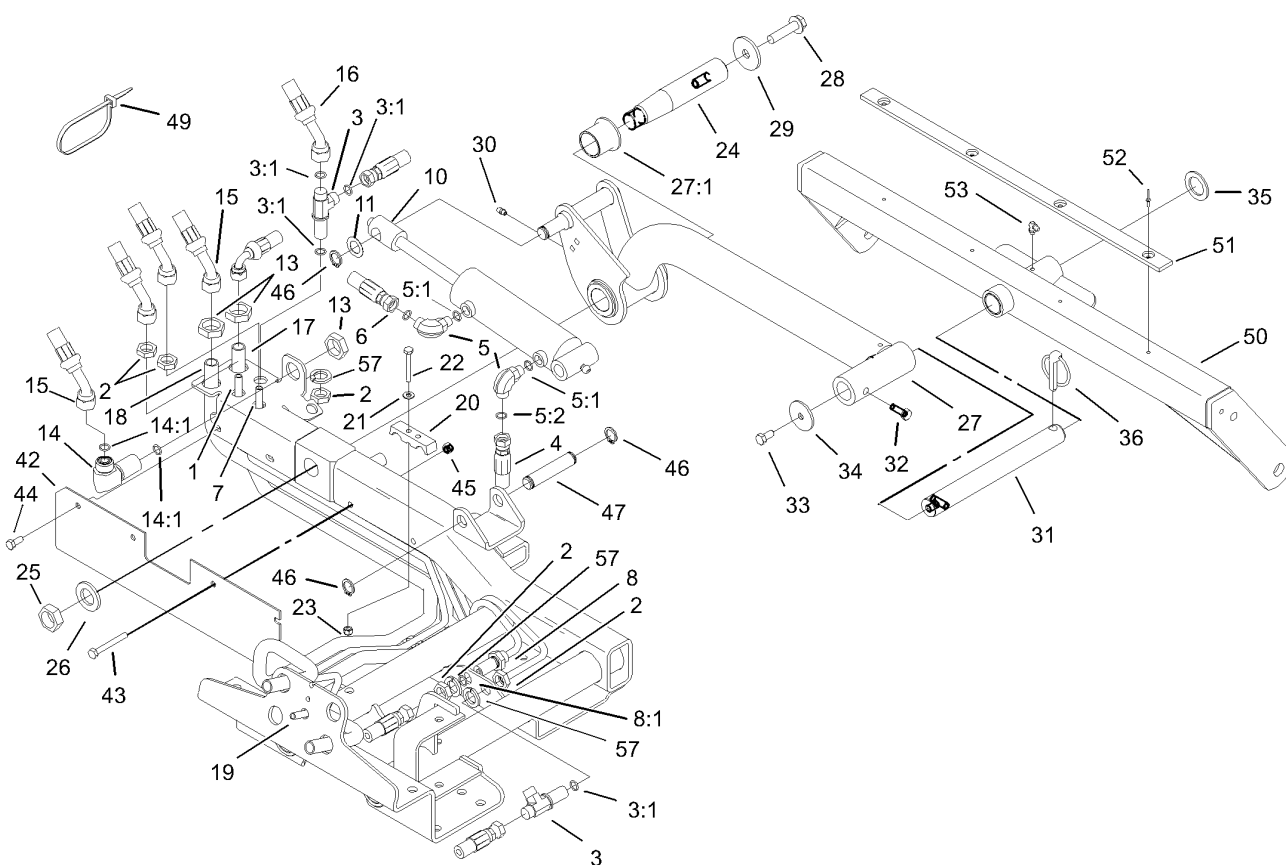
Ref	Part No.	Qty.	Description
17	93-3988	2	Pushnut-Tinnerman
18	353-397	1	Reducer-Adapter
18:1	237-79	1	O-Ring
19	3230-33	2	Screw-CARR
20	32128-32	3	Nut-HHF



Valve Assembly No. 95-8581

Ref	Part No.	Qty.	Description
1	58-6290	3	Poppet
2	69-1840	1	Plunger
3	58-6310	2	Spacer
5	58-6330	3	Seat
5:1	58-6340	1	O-Ring
6	58-6350	1	Plug
6:1	60-5720	1	O-Ring
6:2	58-6370	1	Washer
7	69-1800	2	Plug ASM
7:1	58-6360	1	O-Ring
7:2	58-6370	1	Washer
8	58-6400	2	Bushing
9	69-1810	3	Spring
10	58-6420	2	Cap
12	58-6450	4	O-Ring
13	58-6460	2	Ring-Retaining
14	65-2770	2	Washer
15	99-3526	1	Plug ASM
15:1	60-5720	1	O-Ring
15:2	59-7730	1	Washer-Backup
16	99-3531	2	Spring
17	60-6450	1	Disc
18	353-989	1	Plug-Hex, Hollow
18:1	237-42	1	O-Ring

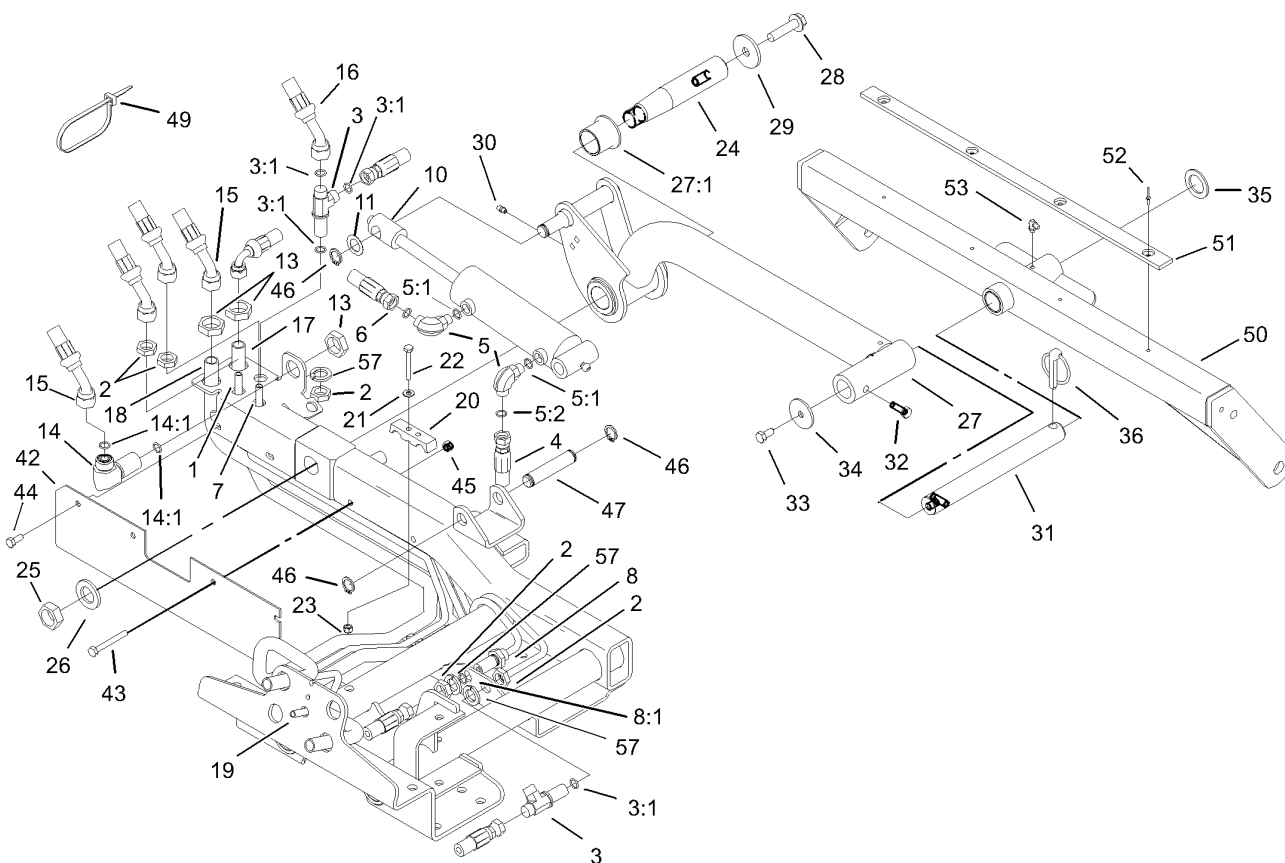
Ref	Part No.	Qty.	Description
19	58-6780	1	Plug
19:1	58-6790	1	O-Ring
20	58-6320	2	Wiper
21	99-3528	1	Plunger
22	58-6770	1	Plunger
23	58-6760	1	Spring
31	99-3530	1	Seal Kit
31:1	58-6290	3	Poppet
31:2	58-6450	4	O-Ring
31:3	58-6460	2	Ring-Retaining
31:4	58-6320	2	Wiper
31:5	58-6790	1	O-Ring
31:6	60-5720	2	O-Ring
31:7	58-6340	2	O-Ring
31:8	237-42	1	O-Ring
31:9	60-5720	2	O-Ring
31:10	59-7730	2	Washer-Backup



Rear Lift Arm Assembly

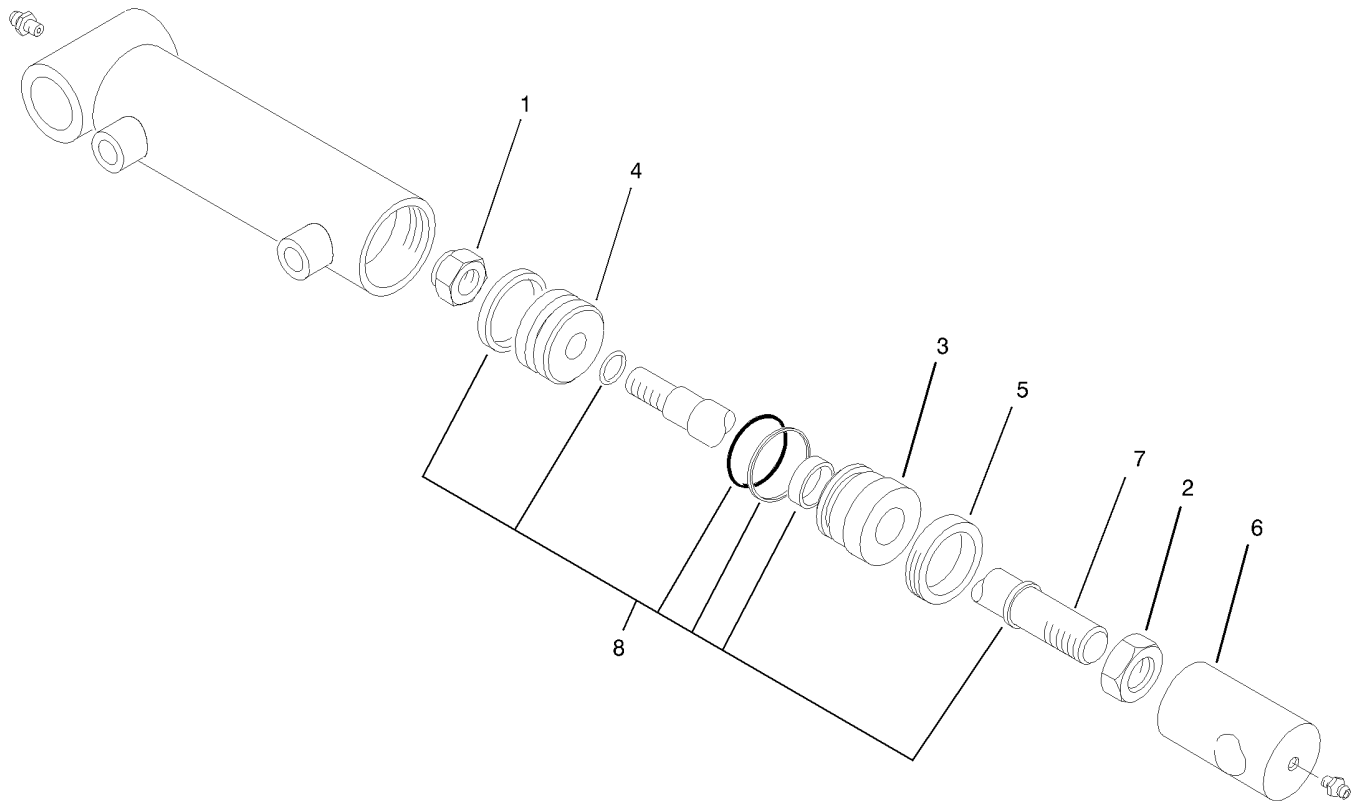
Ref	Part No.	Qty.	Description
1	104-0402	1	Tube ASM
2	340-70	5	Nut-Lock
3	340-68	2	Fitting-Tee, Bulkhead
3:1	237-22	3	O-Ring
4	104-0407	1	Hose ASM
5	340-77	2	Fitting-HYD, 90 DEG
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	100-4891	1	Hose ASM
7	104-0403	1	Tube ASM
8	340-71	1	Fitting-Straight, Bulkhead
8:1	237-22	2	O-Ring
10	95-8978	1	Cylinder-HYD
11	3-6498	1	Washer-Thrust
13	340-74	3	Locknut-Bulkhead
14	340-72	1	Fitting-Bulkhead, 90 DEG
14:1	237-65	2	O-Ring
15	100-4879	2	Hose ASM
16	95-8825	1	Hose ASM
17	104-0401	1	Tube ASM
18	104-0400	1	Tube ASM
19	104-0404	1	Tube ASM
20	99-3641	2	Clamp-Tube
21	3256-22	4	Washer-Flat

Ref	Part No.	Qty.	Description
22	321-11	2	Screw-HH
23	3296-42	2	Nut-Lock, NI
24	95-8990	1	Shaft-Pivot, Rear
25	3220-9	1	Nut-Jam
26	86-1480	1	Washer
27	100-4938	1	Rear Lift Arm ASM
27:1	69-6470	2	Bushing-Caster
28	3234-27	1	Screw-Flange
29	75-7730	1	Washer-Thrust
30	302-5	1	Fitting-Grease
31	100-4944	1	Shaft-Pivot, Cutting Unit
32	323-6	1	Screw-HH
33	323-4	1	Screw-HH
34	63-7400	1	Washer-Rebound
35	3-6781	1	Washer-Thrust
36	283-71	1	Pin-Lynch
42	104-0453-03	1	Guard
43	322-12	2	Screw-HH
44	322-3	2	Screw-HH
45	32128-20	4	Nut-HF
46	32120-93	3	Ring-Retaining, EXT
47	95-8575	1	Pin
49	3334-945	2	Tie-Cable
50	104-4229	1	Rear Carrier Frame ASM



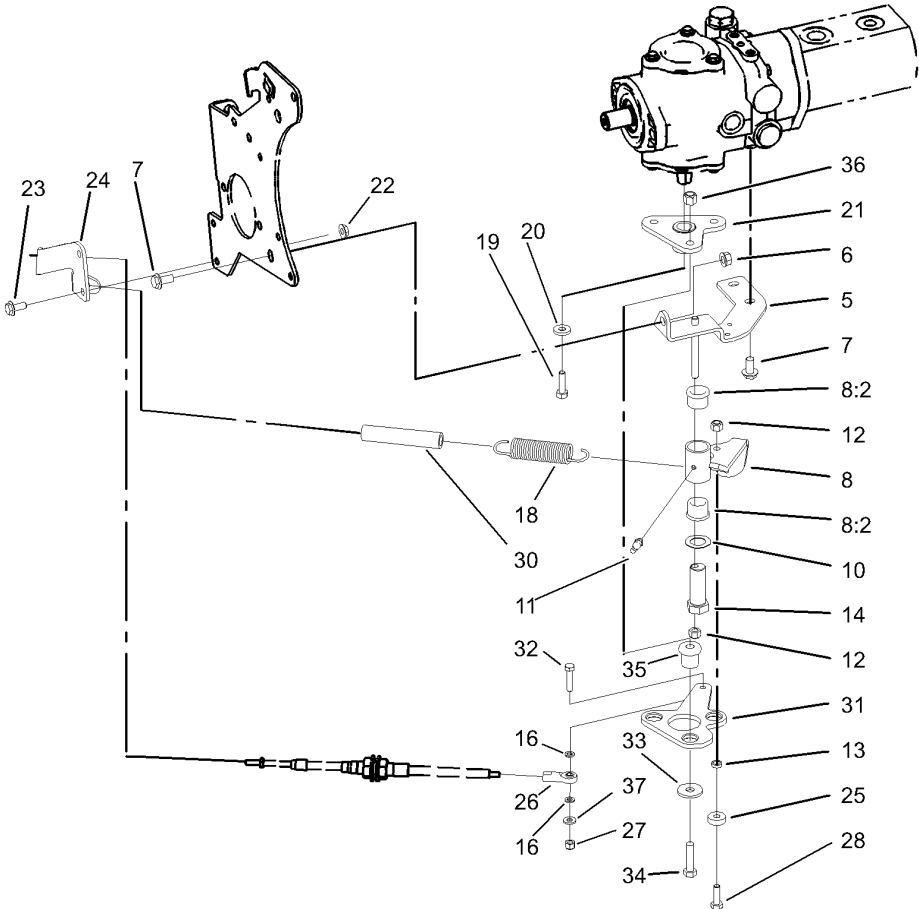
Rear Lift Arm Assembly (continued)

Ref	Part No.	Qty.	Description
51	95-8936	1	Strip-Wear
52	3269-18	4	Rivet-Pop
53	302-60	1	Fitting-Grease, 90 DEG
57	3254-7	3	Washer-Lock, Int



Hydraulic Cylinder Assembly No. 95-8978

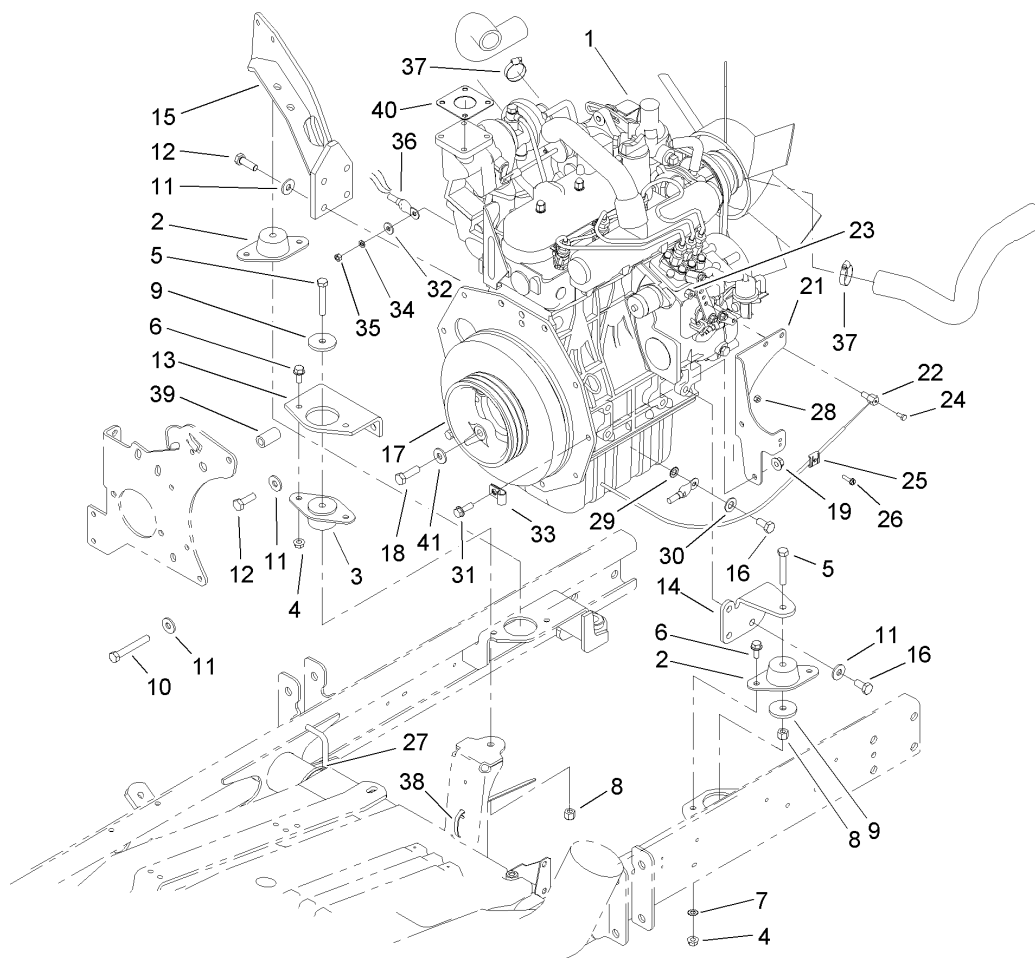
Ref	Part No.	Qty.	Description				
21	3220-6	1	Nut-Lock				
2		1	Nut-Jam				
23		1	Head				
24		1	Piston				
25	99-3533	1	Collar				
6		1	Clevis				
27	83-7240	1	Shaft				
8		1	Seal Repair Kit				



Neutral Arm Assembly

Ref	Part No.	Qty.	Description
5	95-8960-03	1	Bracket-Neutral
6	32128-43	1	Nut-Flange
7	3234-1	3	Screw-HHF
8	104-0422	1	Neutral Arm ASM
8:2	256-113	2	Bushing-Flange
10	3-6498	1	Washer-Thrust
11	302-60	1	Fitting-Grease, 90 DEG
12	3296-29	2	Nut-Lock, NI
13	100-4817	1	Spacer-Bearing
14	76-8640	1	Stud-Traction
16	33093-00	2	Washer-Flat
18	94-1369	1	Spring-Extension
19	3210-6	1	Screw-HH
20	88-7200	1	Washer-Flat
21	99-3598-03	1	Hub ASM
22	32128-44	2	Nut
23	3234-5	2	Screw-HHF
24	104-0464-03	1	Bracket-Support, Cable
25	251-259	1	Bearing-Ball
26	2411-41	1	Joint-Ball
27	3296-42	1	Nut-Lock, NI
28	3274-104	1	Screw-HSBH
30	99-3556	1	Hose
31	99-3594-03	1	Lever-Pump

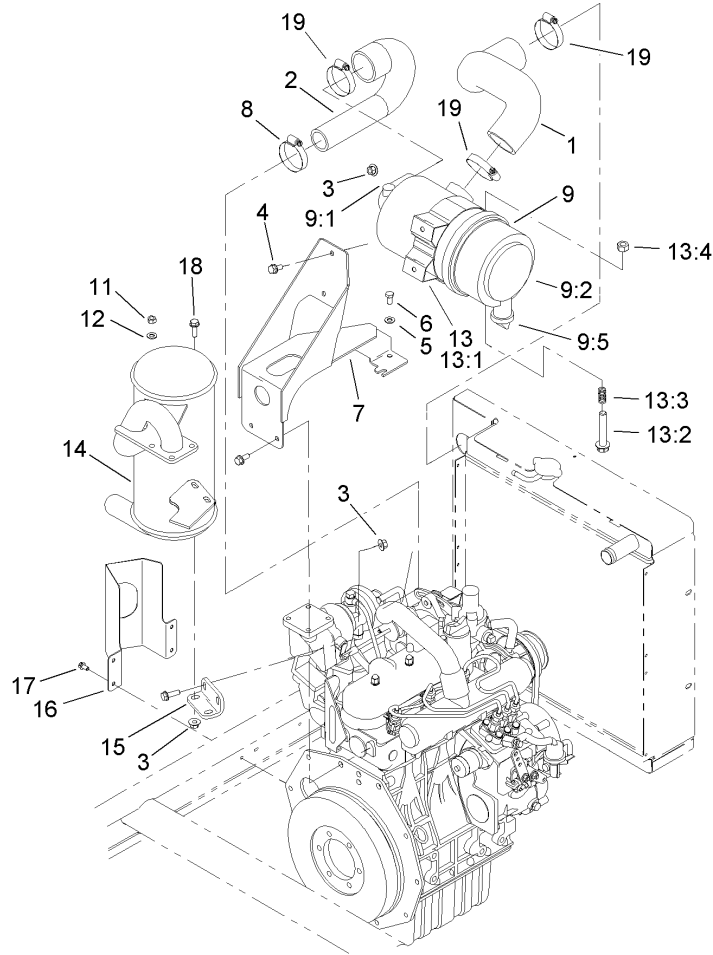
Ref	Part No.	Qty.	Description
32	321-8	1	Screw-HH
33	2844	3	Washer
34	95-3857	3	Screw-HSBH
35	63-9750	3	Mount
36	3296-39	3	Nut-Lock, NI
37	3256-22	1	Washer-Flat



Engine Assembly

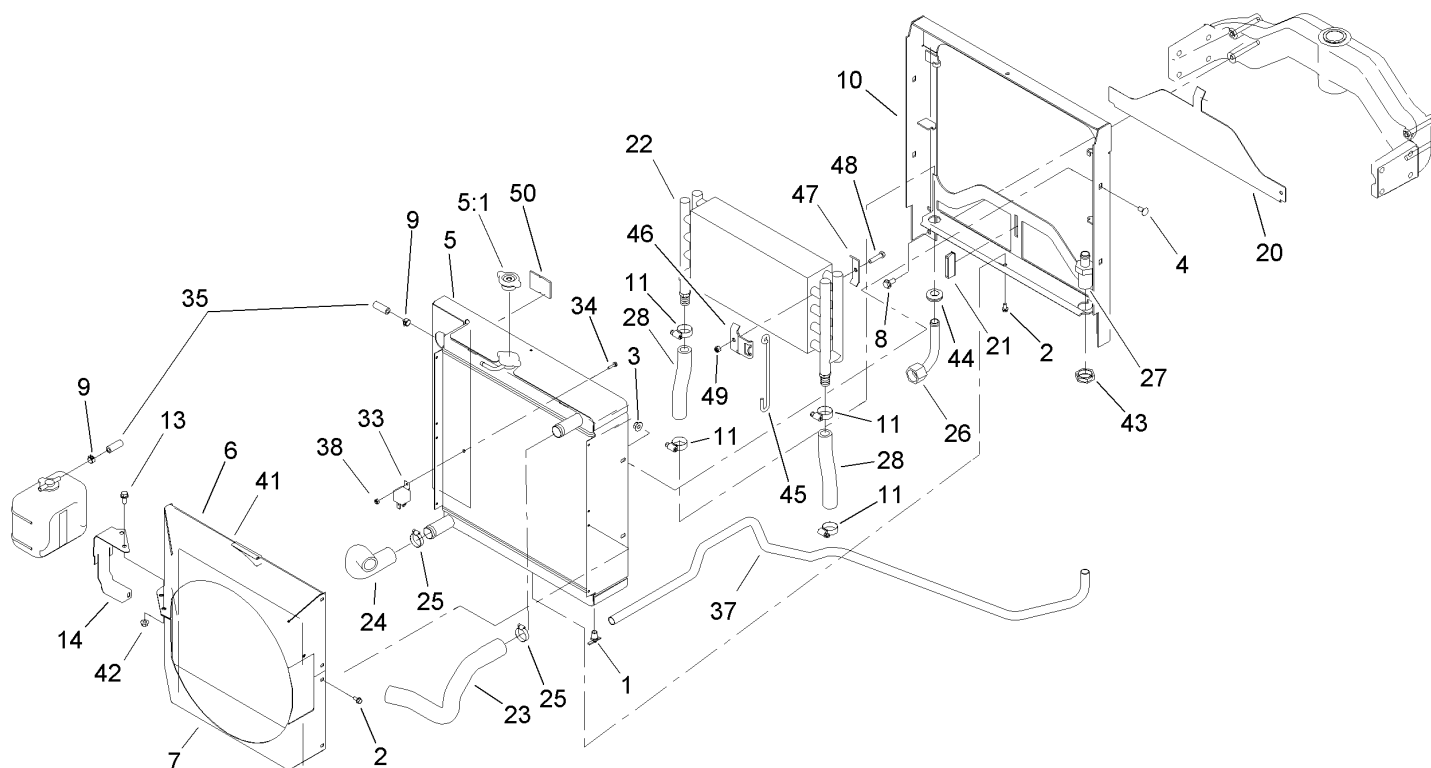
Ref	Part No.	Qty.	Description
1	107-7807	1	Engine-Kubota
2	83-1030	2	Mount-Engine
3	93-5265	1	Mount-Engine
4	32128-20	6	Nut-HF
5	323-11	3	Screw-HH
6	3234-5	6	Screw-HHF
7	3255-8	1	Washer-Lock
8	3296-39	3	Nut-Lock, NI
9	80-8560	3	Washer-Hardened
10	42-9370	1	Screw-HH
11	80-6990	9	Washer-Hardened
12	95-8812	5	Screw-HH
13	99-3618-03	1	Mount-Engine, Front
14	95-8937-03	1	Mount-Engine, LH
15	100-4838-03	1	Mount-Engine
16	63-7790	4	Screw-Cap
17	99-3626-03	1	Pulley
18	56-2140	3	Bolt
19	32128-44	2	Nut
21	100-4867-03	1	Support-Throttle, Filter
22	98-9311	1	Swivel-Throttle
23	3296-20	1	Nut-Lock, NI
24	25-8640	1	Screw-HH
25	81-1690	1	Clamp-Cable

Ref	Part No.	Qty.	Description
26	32105-13	1	Screw-HWH
27	3290-379	2	Tie-Cable
28	3296-2	1	Nut-Lock
29	3255-9	1	Washer-Lock
30	3256-25	1	Washer-Flat
31	3234-17	2	Screw-HHF
32	3256-78	1	Washer-Flat
33	2412-10	1	R-Clamp
34	43-5930	1	Washer-Spring
35	48-7890	1	Nut
36	99-3441	1	Harness-Wire, Fusible Link
37	2412-34	2	Clamp-Hose
38	3290-378	14	Tie-Cable
39	95-8736	1	Spacer
40	98-9611	1	Gasket
41	3256-24	4	Washer-Flat



Air Cleaner and Muffler Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-0420	1	Hose-Air Intake, Upper	17	32144-4	4	Screw-HWH
2	99-3643	1	Hose-Air Intake, Lower	18	3234-17	3	Screw-HHF
3	32128-44	6	Nut	19	2412-130	3	Clamp-Hose
4	3234-5	2	Screw-HHF				
5	3256-23	4	Washer-Flat				
6	33114-016	4	Screw-HH				
7	99-3648-03	1	Air Filter Mount ASM				
8	2412-92	1	Clamp-Hose				
9	100-4824	1	Air Cleaner ASM				
9:1	285-17	1	Plug-Pipe				
9:2	104-0497	1	Cover ASM				
9:5	104-0498	1	Valve-Vacuator				
●9:6	98-9763	1	Element ASM				
●9:7	104-4897	1	Gasket				
11	33014-00	4	Nut-Hex				
12	3253-4	4	Washer-Lock				
13	100-4825	1	Band-Mounting, Air Cleaner				
●13:1		1	Clamp ASM				
13:2	94-3653	1	Bolt				
13:3	94-3654	1	Spring				
13:4	48-9510	1	Nut				
14	100-4810	1	Muffler				
15	95-8943-03	1	Bracket-Muffler				
16	99-3425-03	1	Guard-Exhaust				

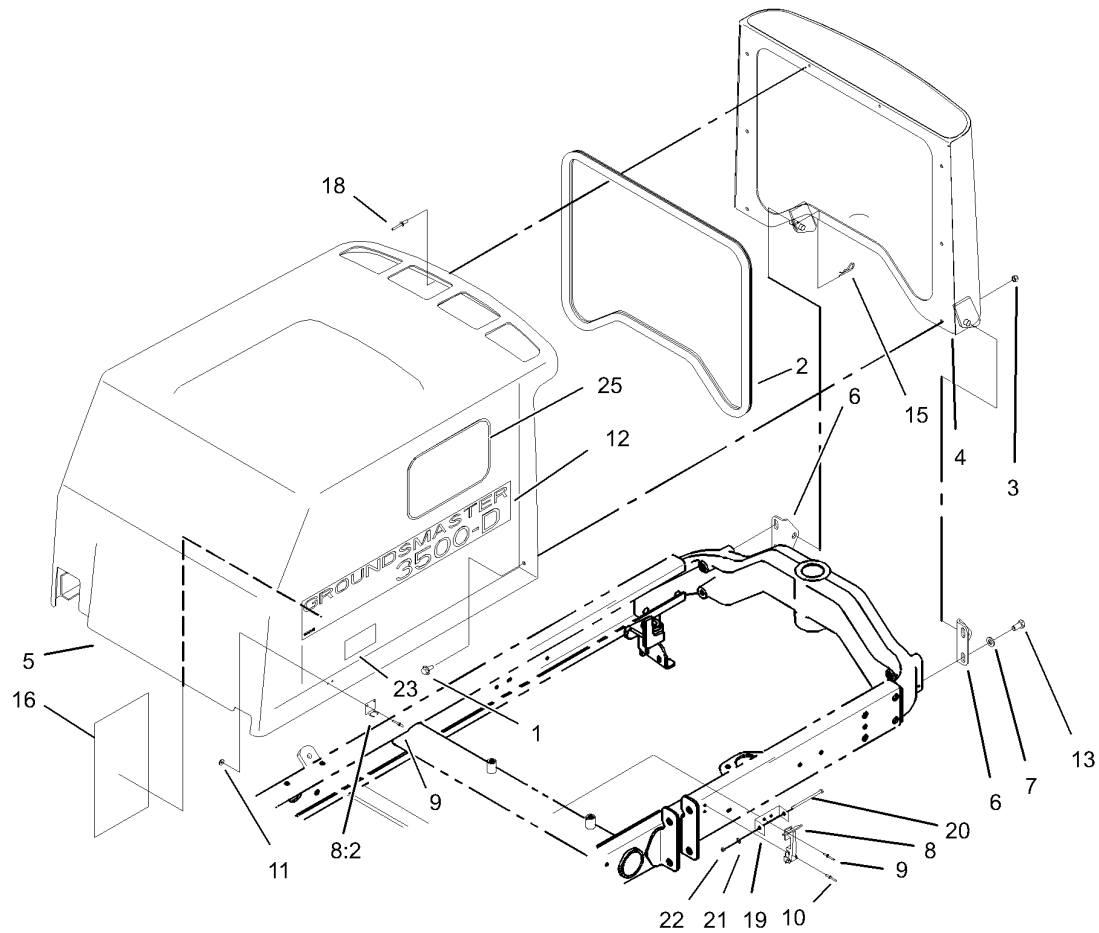


Water overflow bottle
is furnished with engine

Radiator Assembly

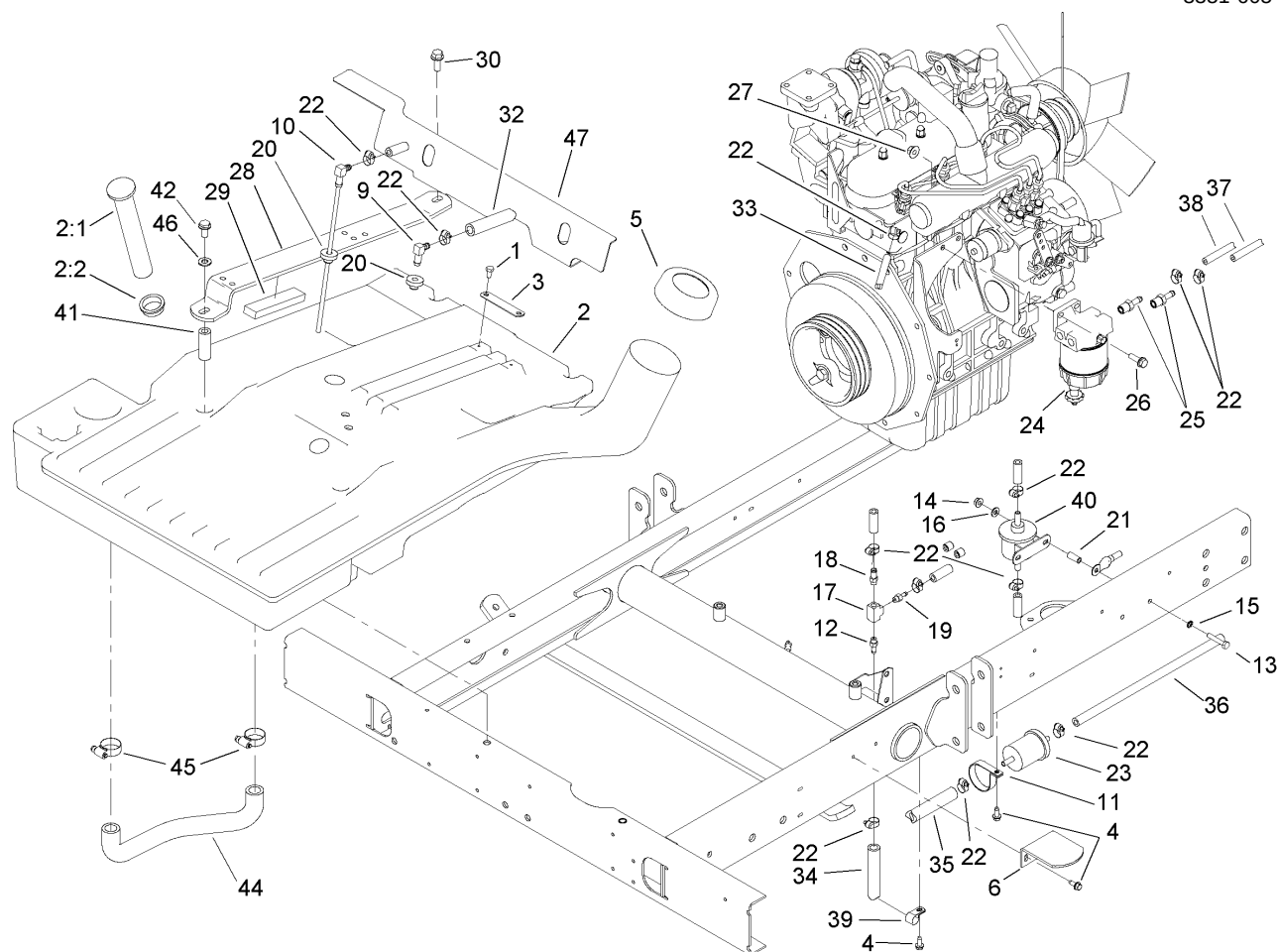
Ref	Part No.	Qty.	Description
1	304-46	1	Draincock
2	32104-116	11	Screw
3	32128-44	4	Nut
4	3230-1	4	Bolt-CARR
5	99-3637	1	Radiator
5:1	93-5957	1	Cap-Radiator
6	100-4885-03	1	Shroud-Fan, Top
7	100-4898-03	1	Shroud-Fan, Bottom
8	3234-1	4	Screw-HHF
9	92-2379	2	Clamp-Hose
10	104-4855-03	1	Radiator Frame ASM
11	2412-129	4	Clamp-Hose
13	3234-5	2	Screw-HHF
14	100-4899-03	1	Bracket-Reservoir
20	95-8702-03	1	Shield-Radiator, Lower
21	99-3497	1	Magnet
22	100-4869	1	Cooler-Oil
23	104-0454	1	Hose-Radiator, Upper
24	100-4809	1	Hose-Radiator, Lower
25	2412-34	2	Clamp-Hose
26	99-3644	1	Filter Head Tube ASM
27	100-4925	1	Fitting-Bulkhead
28	99-3646	2	Hose-Cooler, Oil
33	99-7435	1	Relay-Power

Ref	Part No.	Qty.	Description
34	32105-13	1	Screw-HWH
35	63-9640	1	Hose
37	100-4924	1	Tube ASM
38	32128-17	1	Nut-Lock, Flange
41	93-6681	1	Decal-Warning, Fan
42	32128-20	2	Nut-HF
43	340-126	1	Nut-Bulkhead
44	100-4866	1	Grommet
45	100-4858	2	Form-Wire
46	100-4859	2	Bracket-Cooler, Keeper
47	100-4860	2	Bracket-Clamp
48	322-17	2	Screw-HH
49	3296-47	2	Nut-Lock, NI
50	104-9459	2	Seal-Foam



Hood Assembly

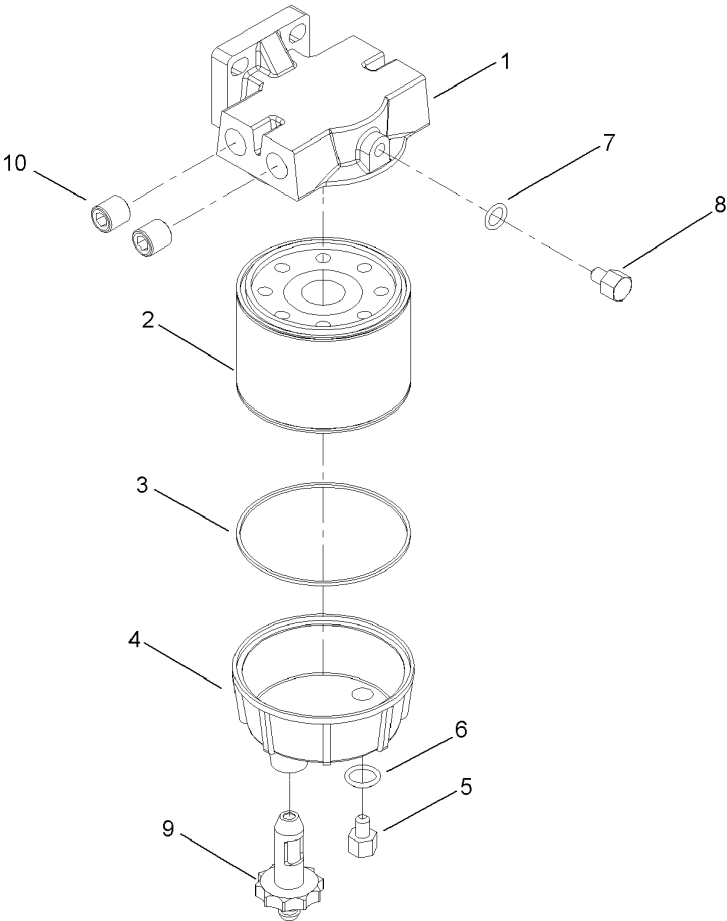
Ref	Part No.	Qty.	Description				
1	3234-4	6	Screw-HHF				
2	100-4932	1	Trim-Seal				
3	3296-42	6	Nut-Lock, NI				
4	104-4853-03	1	Hood Screen ASM				
5	100-4855	1	Hood				
15:5	106-8115	1	Heat Tape Repair Kit				
6	95-8728	2	Bracket-Pivot, Hood				
7	3256-24	8	Washer-Flat				
8	59-9740	2	Flex Draw Latch ASM				
8:2	249-40	1	Keeper				
9	98-7310	4	Rivet				
10	3290-55	4	Rivet-Pop				
11	3269-10	4	Washer-Back				
12	104-5152	2	Decal-Hood				
13	323-6	4	Screw-HH				
15	3290-467	1	Pin-Hair				
16	107-7800	1	Decal-Service				
18	3269-21	2	Rivet-Pop				
19	99-3568	1	Bracket-Lock, Ce				
20	321-9	1	Screw-HH				
21	3256-22	1	Washer-Flat				
22	3296-42	1	Nut-Lock, NI				
23	106-6754	1	Decal-Danger				
25	66-6140	2	Decal				



Fuel Tank Assembly

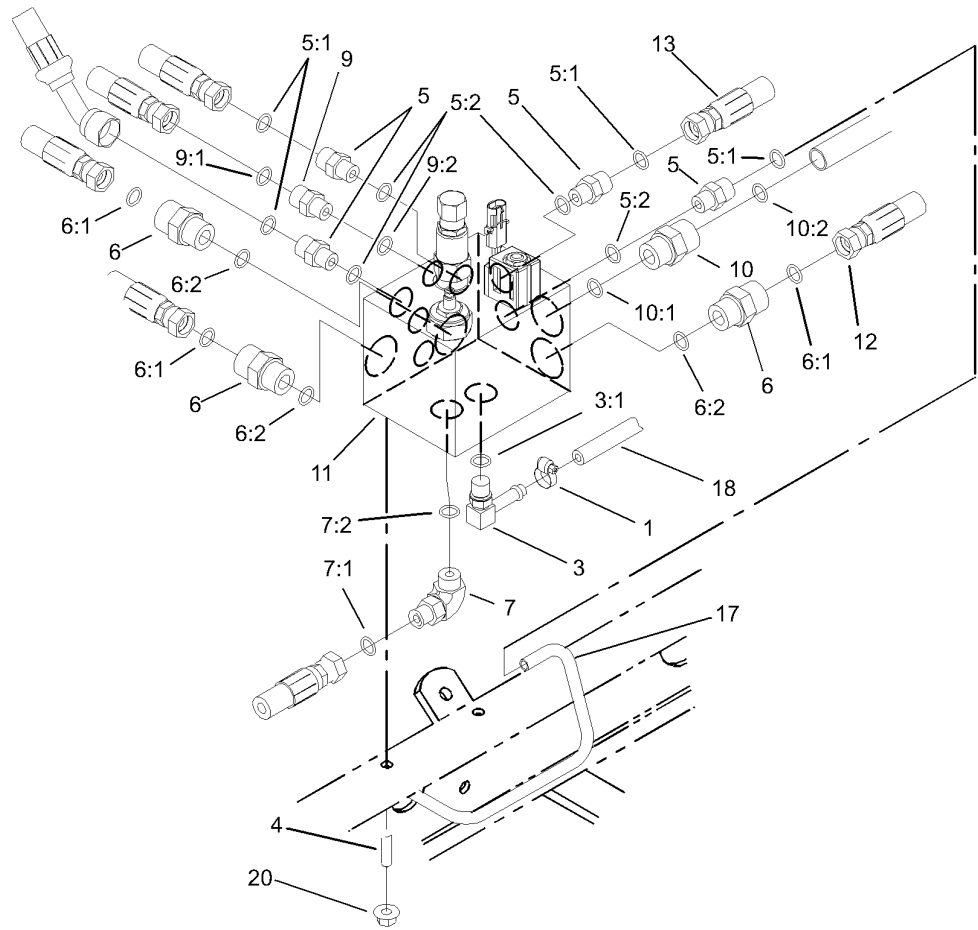
Ref	Part No.	Qty.	Description
1	321-2	2	Screw-HH
2	105-7865	1	Tank-Fuel
2:1	95-8971	1	Guage-Fuel
2:2	95-8972	1	Grommet
3	95-8881	1	Strap-Line, Fuel
4	32144-10	4	Screw-HWH
5	95-4193	1	Diesel Fuel Cap ASM
6	95-8968-03	1	Support-Tank, Fuel
9	46-6550	1	Fitting-Elbow, 90 DEG
10	66-8121	1	Standpipe
11	2412-148	1	Clamp-R
12	304-73	1	Connector-Hose
13	321-9	2	Screw-HH
14	32128-33	2	Nut-HF
15	3255-7	1	Washer-Lock/EXT
16	3256-22	2	Washer-Flat
17	354-20	1	Fitting-Tee
18	354-21	1	Fitting-Barb
19	354-22	1	Fitting-Barb
20	46-6560	2	Bushing
21	87-4710	2	Spacer-Brake, Parking
22	2412-108	13	Clamp-Worm
23	98-7612	1	Filter-Fuel
24	98-9305	1	Water / Fuel Filter ASM

Ref	Part No.	Qty.	Description
25	353-783	2	Fitting-Straight
26	3234-17	2	Screw-HHF
27	32128-44	2	Nut
28	104-0467-03	2	Strap-Support, Seat
29	95-8896	2	Foam
30	3234-11	2	Screw-HHF
32	71-3380	1	Hose-Fuel
33	99-3498	1	Return-Line, Fuel
34	99-3185	1	Hose-Fuel
35	71-3383	1	Hose-Fuel
36	104-4848	1	Hose-Fuel
37	95-4276	1	Hose-Fuel
38	104-4857	1	Hose-Fuel
39	2412-73	1	Clamp-R
40	104-5215	1	Pump-Fuel, Electric
41	104-0466	2	Spacer-Tube
42	323-14	2	Screw-HH
44	105-4094	1	Hose-Formed
45	2412-129	2	Clamp-Hose
46	3256-24	2	Washer-Flat
47	104-4833-03	1	Shield-Heat



Water / Fuel Filter Assembly No. 98-9305

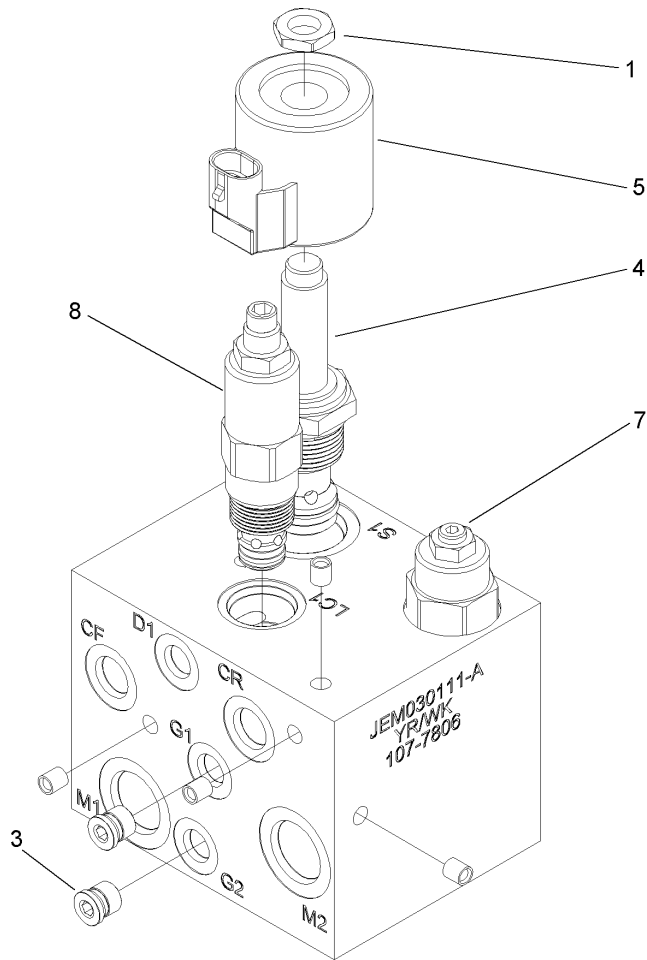
Ref	Part No.	Qty.	Description				
1	98-9772	1	Head-Filter				
2	98-9764	1	Element				
3	98-9774	1	O-Ring				
4	98-9775	1	Base-Filter				
5	98-9773	1	Plug-Base, Filter				
6	237-42	1	O-Ring				
7	237-78	1	O-Ring				
8	98-9776	1	Plug-Head, Filter				
9	98-9777	1	Drain Valve ASM				
10	285-22	2	Plug-Pipe				



Manifold Block Installation Assembly

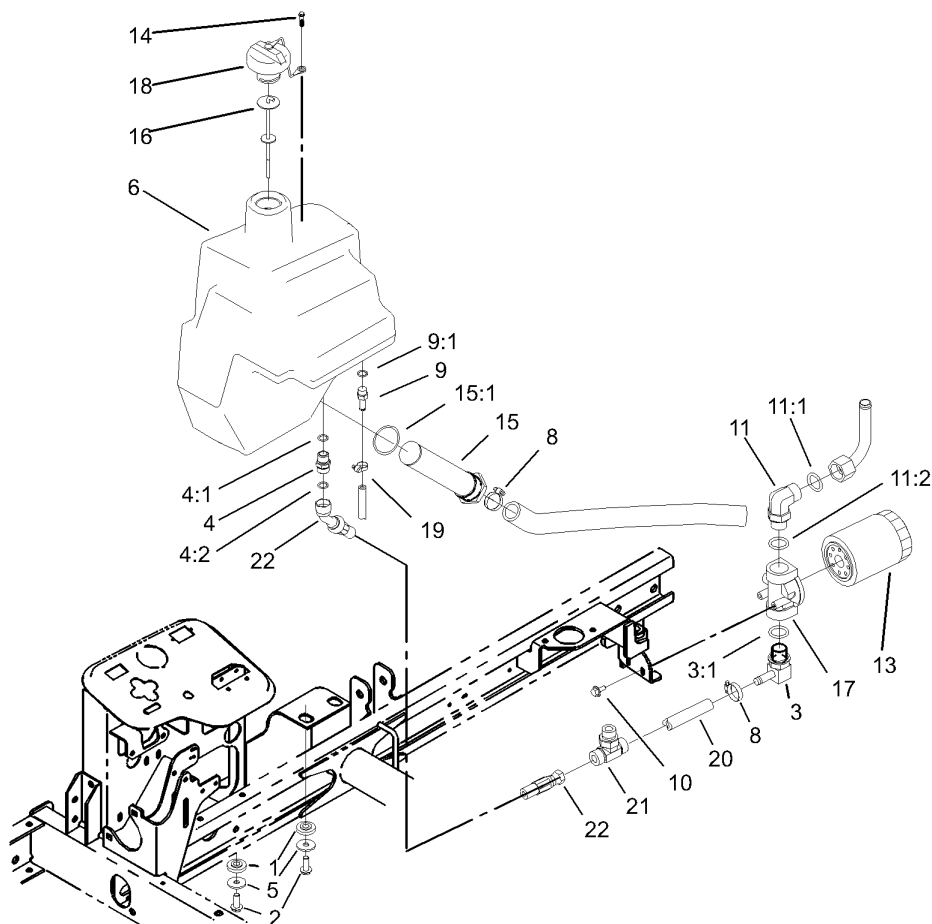
Ref	Part No.	Qty.	Description
1	2412-36	1	Clamp-Hose
3	100-4887	1	Fitting-Barb
3:1	237-42	1	O-Ring
4	104-0430	2	Stud
5	340-2	4	Fitting-HYD, Straight
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-7	3	Adapter
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	340-77	1	Fitting-HYD, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
9	340-88	1	Adapter
9:1	237-22	1	O-Ring
9:2	237-78	1	O-Ring
10	340-66	1	Fitting-HYD
10:1	237-80	1	O-Ring
10:2	237-58	1	O-Ring
11	107-7806	1	Manifold Block ASM
12	104-0488	1	Hose ASM
13	92-7595	1	Hose ASM
17	100-4827	1	Tube ASM
18	80-7342	1	Hose ASM

Ref	Part No.	Qty.	Description
20	32128-20	2	Nut-HF



Manifold Block Assembly No. 107-7806

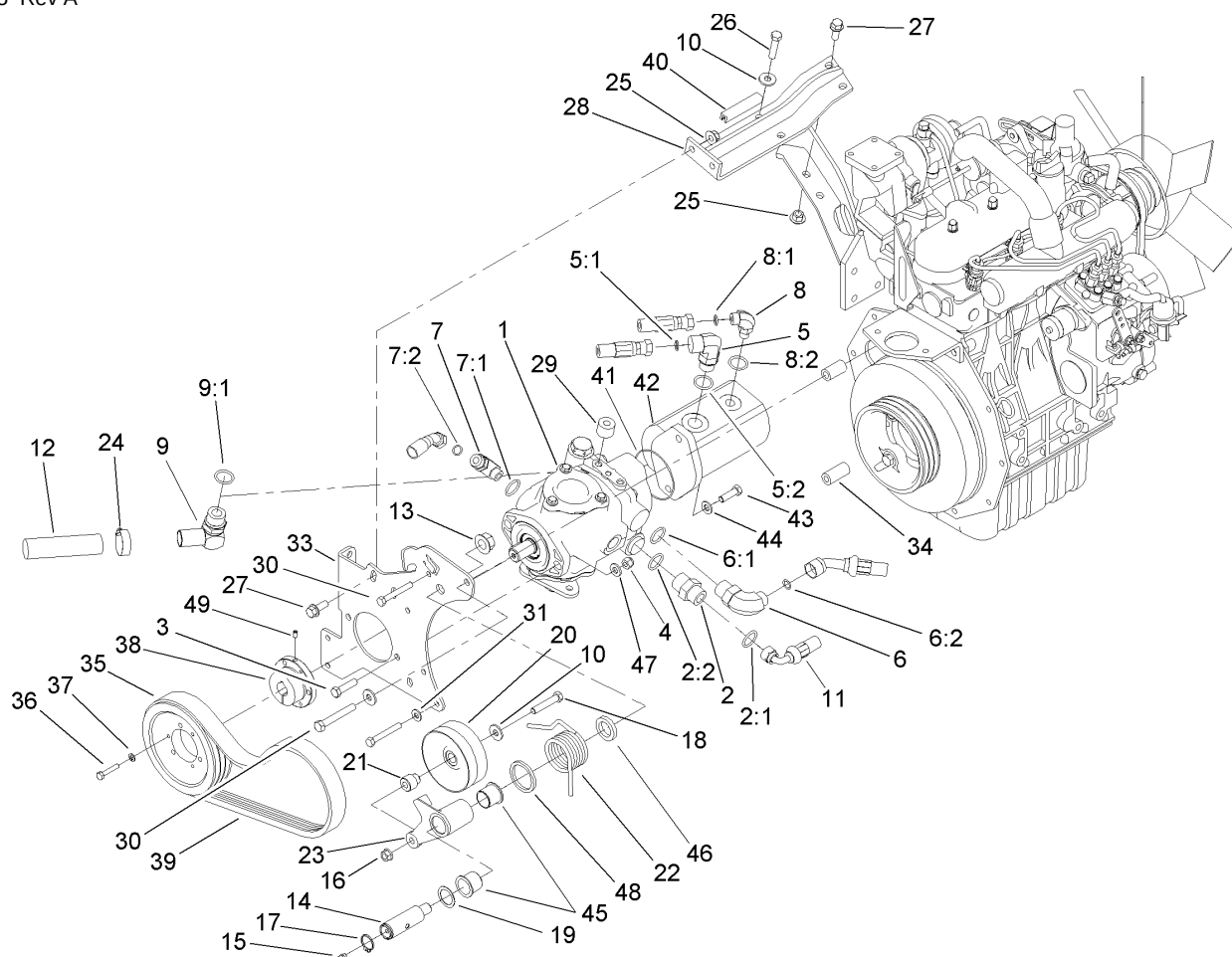
Ref	Part No.	Qty.	Description				
1	107-7812	1	Nut-Solenoid				
❶2	107-7815	1	Seal Kit				
❷3		2	Plug				
4	107-7809	1	Cartridge ASM				
5	107-7811	1	Solenoid				
❶6	107-7813	1	Seal Kit				
7	107-7810	1	Valve-Braking				
8	107-7808	1	Cartridge-Logic				
❶9	107-7814	1	Seal Kit				



Hydraulic Tank Assembly

Ref	Part No.	Qty.	Description
1	240-11	4	Bushing-Flange
2	3234-11	4	Screw-HHF
3	353-987	1	Fitting-HYD, 90
3:1	237-81	1	O-Ring
4	100-4890	1	Fitting-Check
4:1	237-79	1	O-Ring
4:2	237-30	1	O-Ring
5	63-8410	4	Washer
6	104-4840	1	Tank-HYD
8	2412-34	2	Clamp-Hose
9	353-979	1	Fitting-Straight
9:1	237-42	1	O-Ring
10	3234-13	2	Screw-HHF
11	340-142	1	Fitting-HYD, 90 DEG
11:1	237-58	1	O-Ring
11:2	237-81	1	O-Ring
13	86-3010	1	Filter-Oil
14	57-5420	1	Screw-Shoulder
15	104-7546	1	Strainer-Tank
15:1	340-136	1	O-Ring
16	75-3710	1	Dipstick
17	92-5821	1	Filter Head ASM
18	93-7160	1	Cap-Oil, HYD
19	2412-36	1	Clamp-Hose

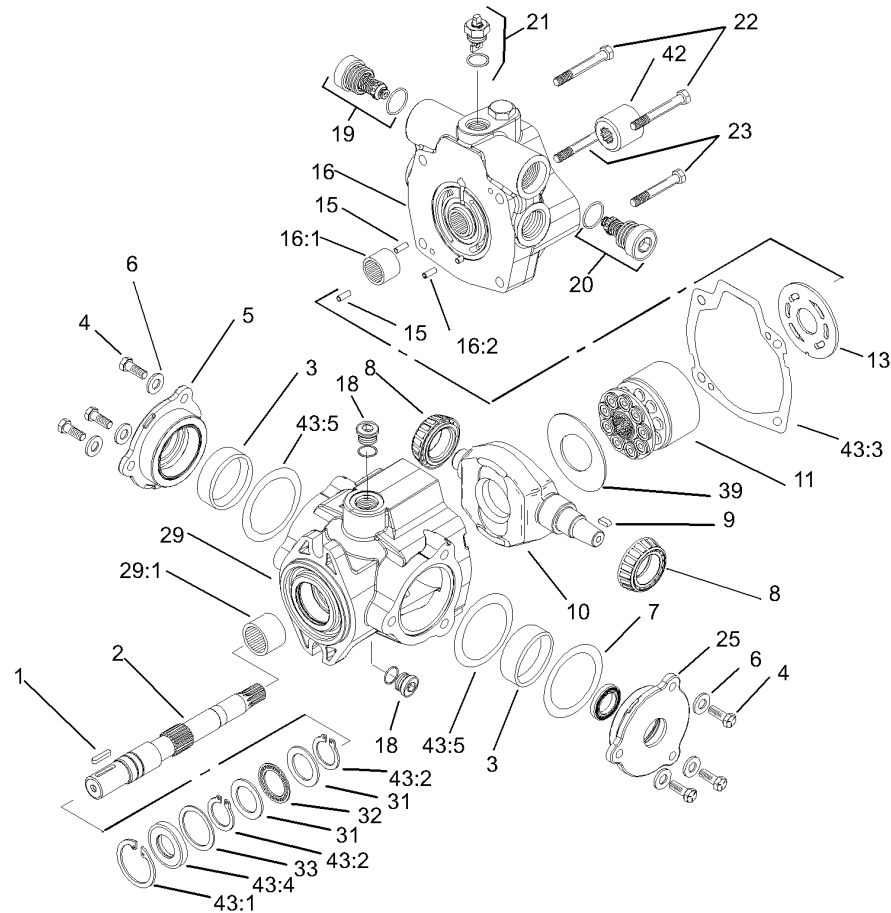
Ref	Part No.	Qty.	Description
20	104-0486	1	Hose ASM
21	104-4836	1	Fitting-Tee
22	104-0487	1	Hose ASM



Hydrostat Assembly

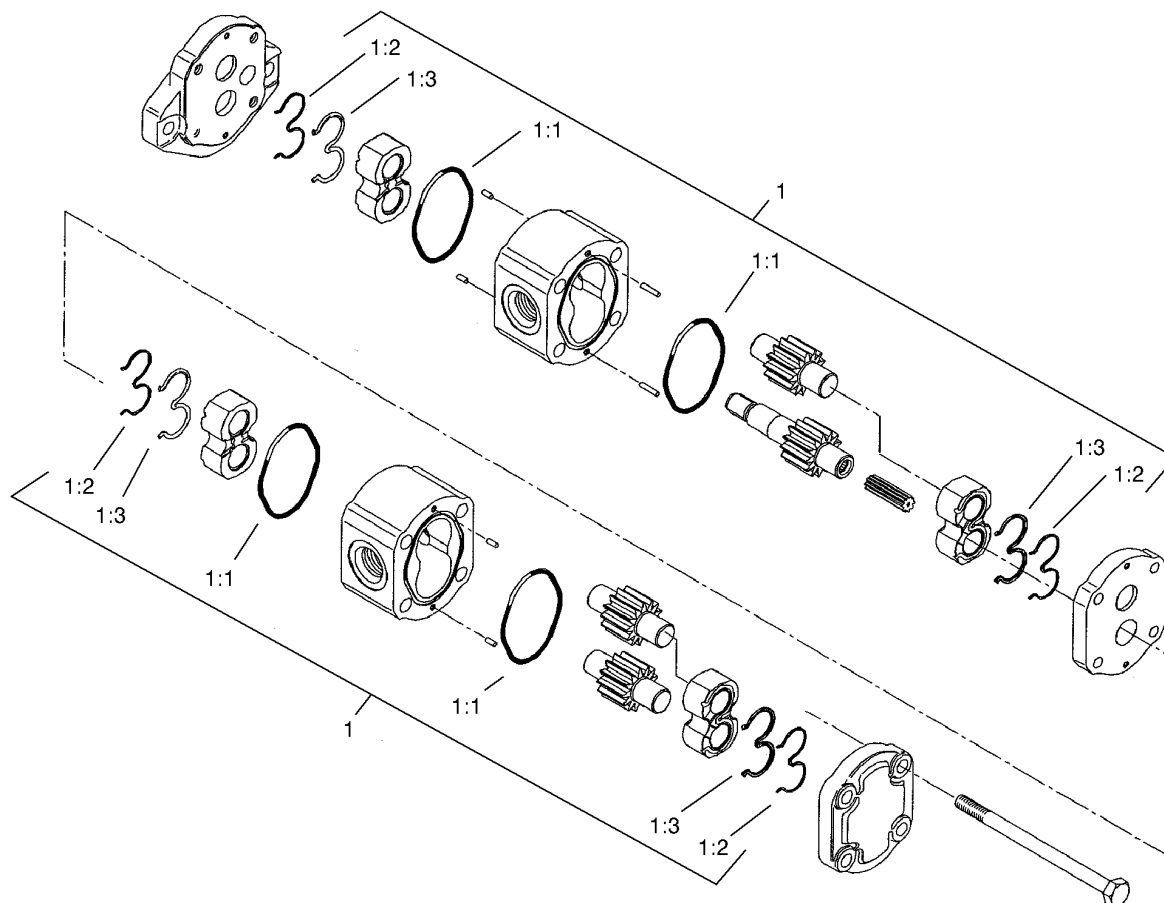
Ref	Part No.	Qty.	Description
1	104-4890	1	Pump-Piston
2	340-8	1	Adapter
2:1	237-65	1	O-Ring
2:2	237-81	1	O-Ring
3	323-8	2	Screw-HH
4	3296-39	2	Nut-Lock, NI
5	340-17	1	Fitting-HYD, 90 DEG
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	340-139	1	Fitting-HYD, 90 DEG
6:1	237-81	1	O-Ring
6:2	237-65	1	O-Ring
7	340-18	1	Fitting-HYD, 90 DEG
7:1	237-79	1	O-Ring
7:2	237-22	1	O-Ring
8	340-77	1	Fitting-HYD, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	95-3502	1	Fitting-Elbow
9:1	237-81	1	O-Ring
10	80-6990	3	Washer-Hardened
11	105-1214	1	Hose ASM
12	104-5486	1	Hose
13	32128-54	1	Nut-HF

Ref	Part No.	Qty.	Description
14	99-3624	1	Shaft-Pivot, Idler
15	302-5	1	Fitting-Grease
16	32128-21	1	Nut-HF
17	32151-36	1	Ring-Retaining
18	323-10	1	Screw-HH
19	74-1810	1	Washer
20	99-3621	1	Pulley-Idler
21	99-3622	1	Spacer-Idler
22	100-4844	1	Spring-Torsion
23	99-3623-03	1	Arm-Idler
24	2412-34	1	Clamp-Hose
25	32128-43	4	Nut-Flange
26	323-19	2	Screw-HH
27	3234-11	4	Screw-HHF
28	99-3436-03	1	Support-Pump
29	99-3440	2	Spacer
30	33114-060	4	Screw-HH
31	87-8640	3	Washer-Flat
33	95-8933-03	1	Plate-Mount, Pump
34	95-8941	4	Spacer-Mount, Pump
35	99-3620	1	Pulley-3V, Pump
36	321-13	3	Screw-HH
37	3253-3	3	Washer-Lock
38	100-4813	1	Bushing-Lock, Taper



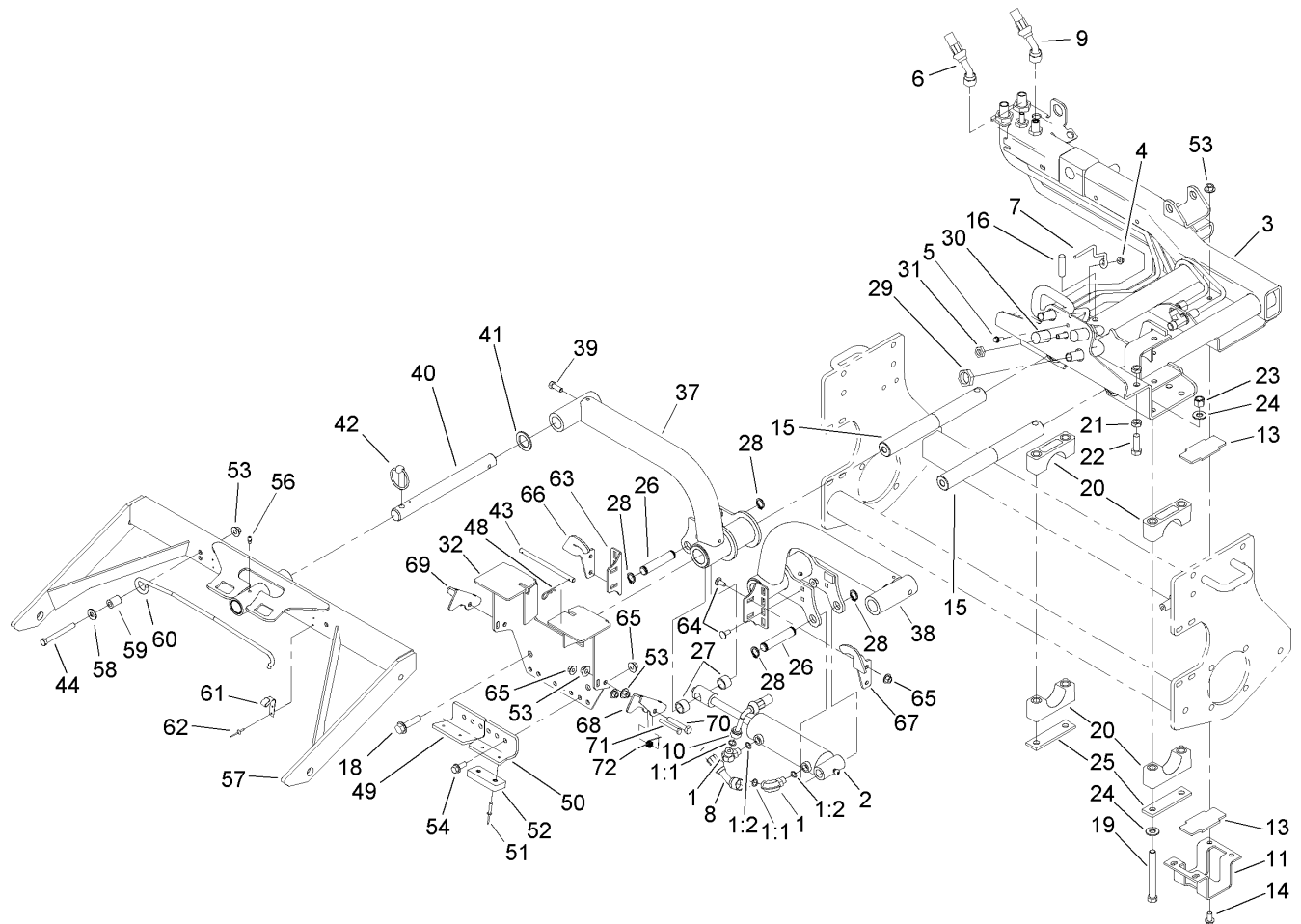
Piston Pump Assembly No. 104-4890

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	94-3645	1	Key	29:1	94-6363	1	Bearing
2	94-6359	1	Shaft-Drive	31	252-71	2	Washer-Thrust
3	104-4046	2	Bearing-Cup	32	252-66	1	Bearing-Thrust
4	98-4640	6	Screw-Cap	33	33-3720	1	Washer
5	98-4644	1	Plate-Cover	39	98-4635	1	Insert-Plate, Cam
6	105-9762	6	Washer	42	74-9040	1	Coupler
7	100-3182	2	Shim Kit	43	104-4868	1	Seal Repair Kit
8	98-4639	2	Bearing-Cone	43:1	32151-13	1	Ring-Retaining
9	94-3646	1	Key	43:2	32151-29	1	Ring-Retaining
10	104-4888	1	Swashplate	43:3	33-4930	1	Gasket-Housing
11	76-6070	1	Rotating Kit	43:4	104-4861	1	Seal-Shaft
13	104-0429	1	Plate-Cam	43:5	100-3179	1	O-Ring
15	76-6150	2	Pin-Dowel				
16	105-3813	1	Endcover Sub ASM				
16:1	94-6368	1	Bearing				
16:2		1	Pin-Roll				
18	74-9280	2	Plug ASM				
19	104-4889	1	Relief Valve ASM				
20	105-3812	1	Valve-Check				
21	105-3811	1	Valve-Bypass				
22	76-6170	2	Capscrew				
23	76-6160	2	Capscrew				
25	98-4645	1	Plate-Cover				
29	100-3176	1	Housing ASM				



Gear Pump Assembly No. 100-1646

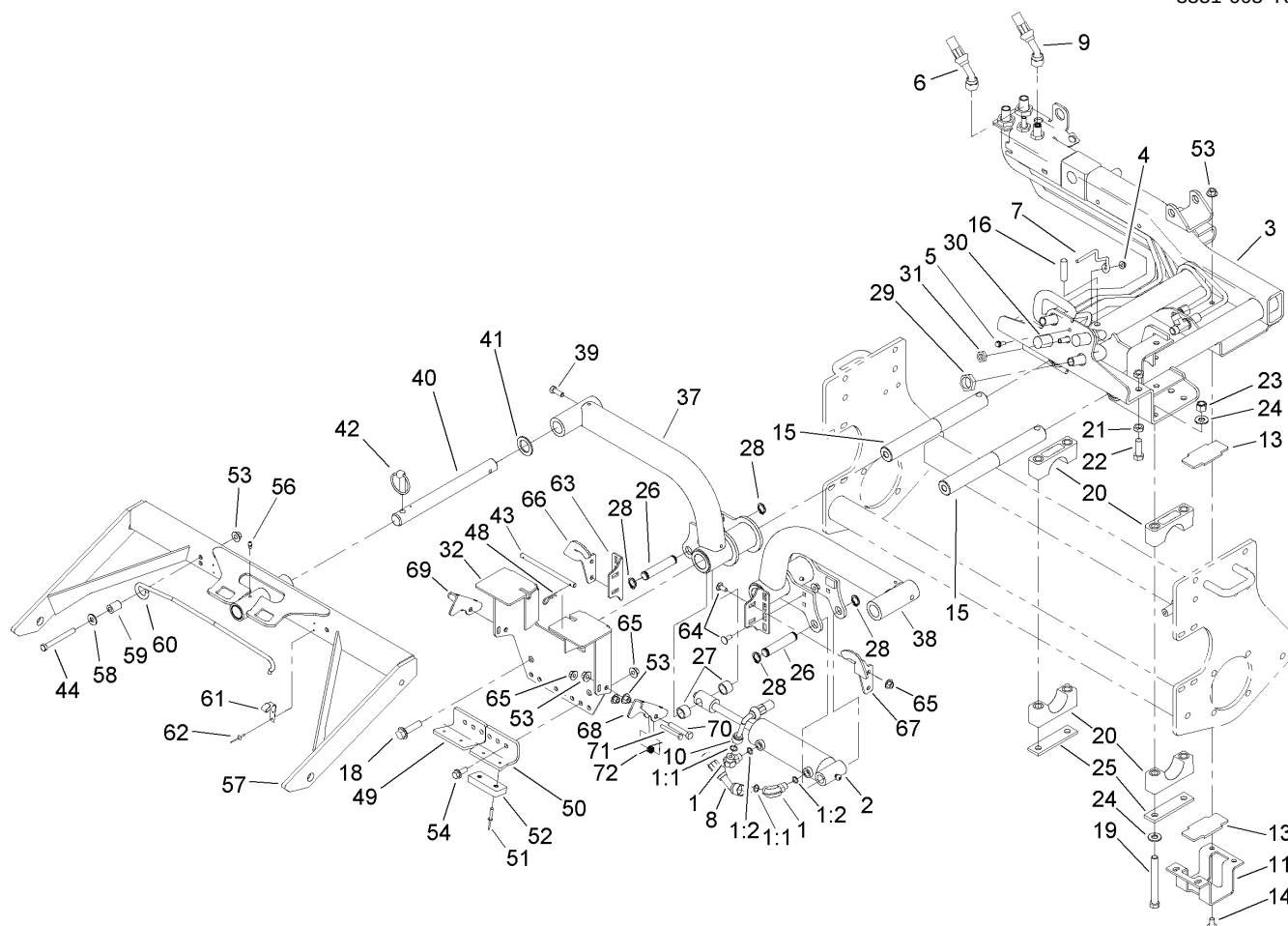
Ref	Part No.	Qty.	Description
1	104-4226	1	Seal Kit
21:1		4	Seal-Dust
21:2		4	E-Seal
21:3		4	Seal-Backup



Carrier Assembly

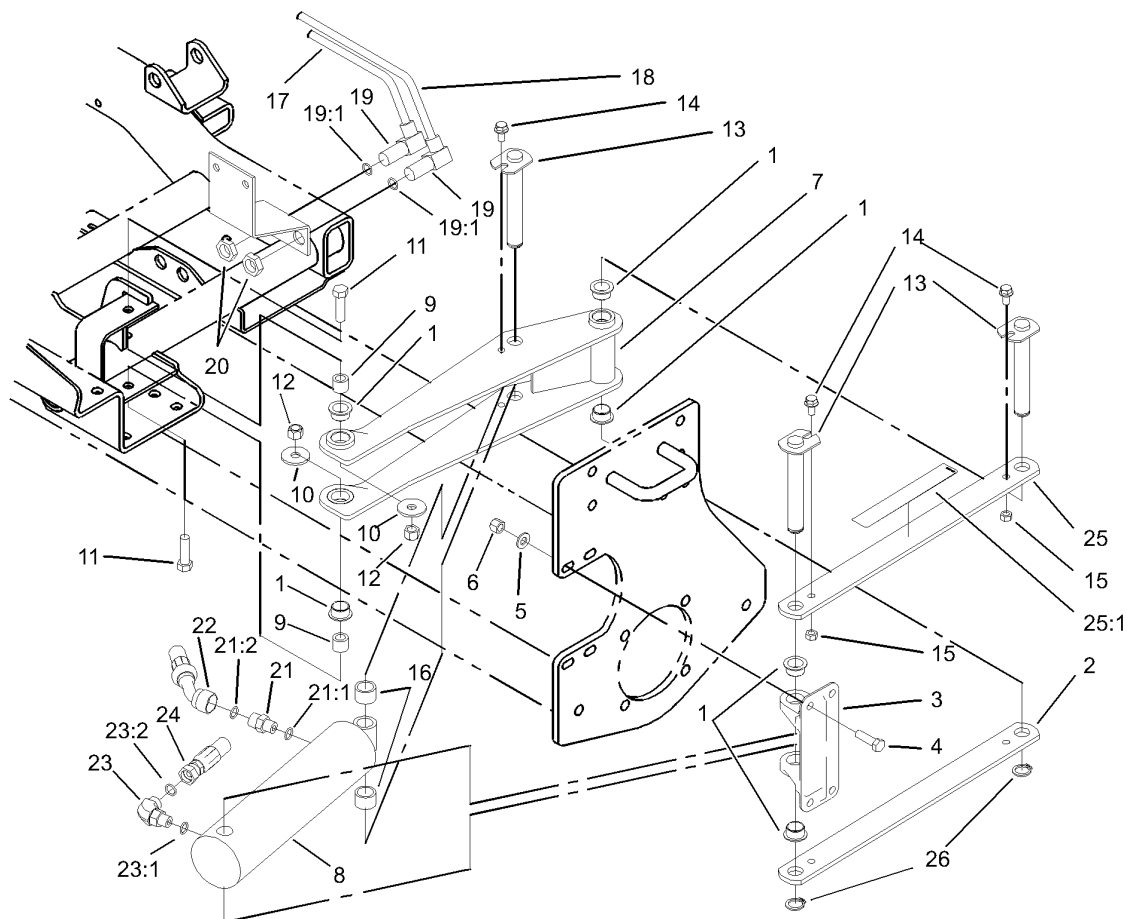
Ref	Part No.	Qty.	Description
1	340-77	2	Fitting-HYD, 90 DEG
1:1	237-22	1	O-Ring
1:2	237-42	1	O-Ring
2	95-8978	1	Cylinder-HYD
3	100-4939-03	1	Sidewinder Carrier ASM
4	32128-33	1	Nut-HF
5	3234-4	1	Screw-HHF
6	95-8822	1	Hose ASM
7	99-3433	1	Wire-Center
8	104-0405	1	Hose ASM
9	95-8821	1	Hose ASM
10	104-0406	1	Hose ASM
11	104-0416-03	1	Bracket-Slide
13	104-0417	2	Slide-Plastic
14	3234-1	4	Screw-HHF
15	95-8531	2	Shaft-Pivot, Liftarm
16	32121-122	2	Pin-Roll
18	3234-27	2	Screw-Flange
19	325-38	8	Screw-HH
20	104-4865	8	Cap-Bearing
21	3218-5	4	Nut-Jam
22	325-6	2	Screw-HH
23	3296-23	8	Nut-Lock, NI
24	87-7270	16	Washer-Thrust

Ref	Part No.	Qty.	Description
25	99-3373	4	Bar-Support, Slide
26	95-8575	2	Pin
27	75-9590	2	Spacer-Cylinder
28	32120-93	4	Ring-Retaining, EXT
29	340-74	4	Locknut-Bulkhead
30	99-3640	1	Tube ASM
31	340-78	1	Nut-Lock, Bulkhead
32	104-4820-03	1	Bracket-Stop, Carrier
37	104-0481	1	RH Liftarm ASM
38	104-0482	1	LH Liftarm ASM
39	323-6	2	Screw-HH
40	95-8979	2	Shaft
41	3-6781	2	Washer-Thrust
42	283-71	2	Pin-Lynch
43	104-0472	1	Rod
44	323-15	2	Screw-HH
48	3290-467	2	Pin-Hair
49	104-4639-03	1	Stop-Deck, LH
50	104-4640-03	1	Stop-Deck, RH
51	3269-11	4	Rivet
52	86-5350	2	Bumper-Rubber
53	32128-43	14	Nut-Flange
54	3234-11	4	Screw-HHF
56	302-5	2	Fitting-Grease



Carrier Assembly (continued)

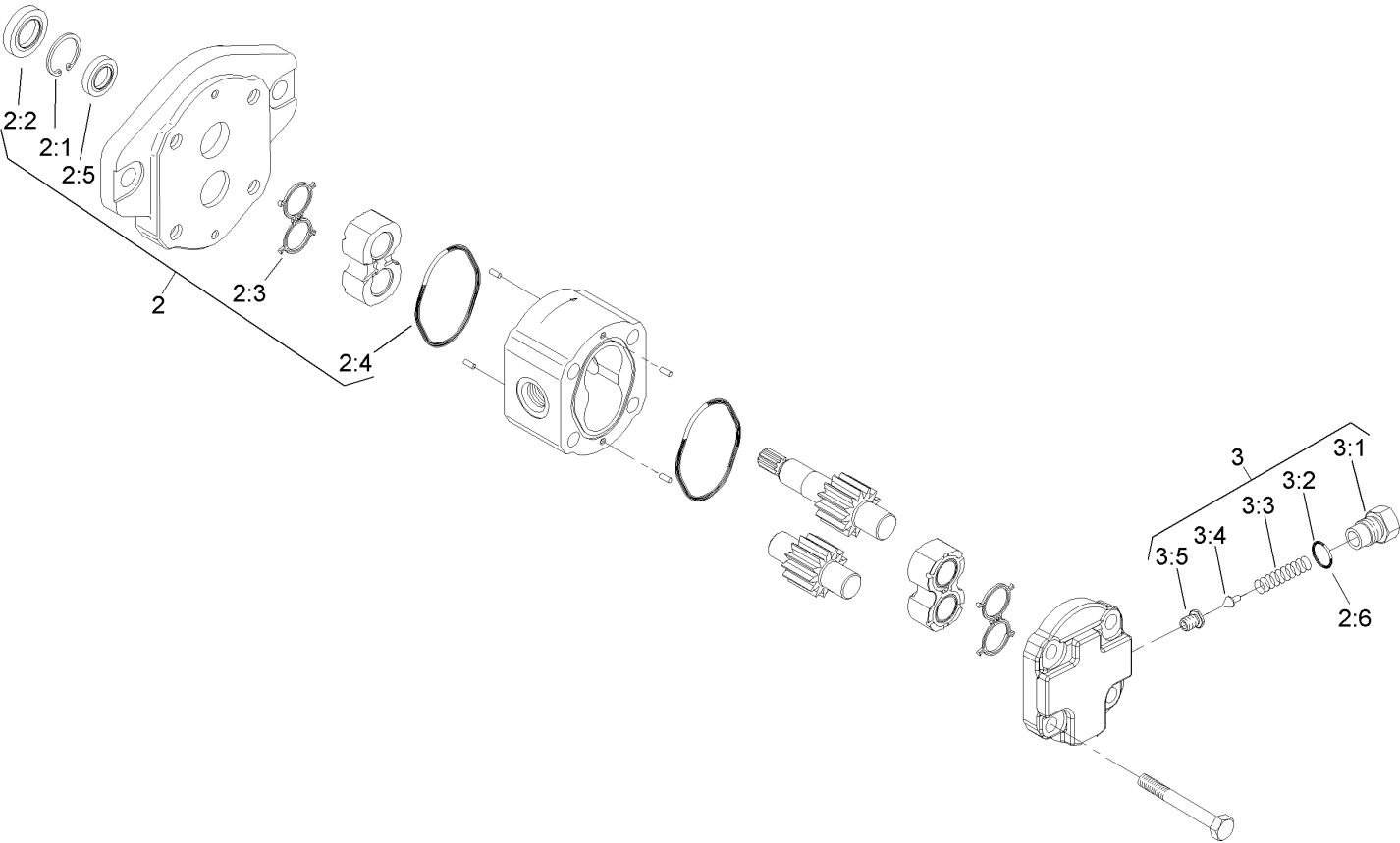
Ref	Part No.	Qty.	Description				
57	106-4198	2	Front Carrier Frame ASM				
58	3256-4	2	Washer-Flat				
59	104-4613	2	Tube-Latch				
60	104-4612	2	Rod-Latch				
61	104-4237	2	Clip-Rod				
62	3290-271	4	Rivet-Pop				
63	104-4828-03	2	Bracket-Actuator				
64	3230-23	8	Screw-CARR				
65	32128-44	12	Nut				
66	104-4826-03	1	Actuator-RH				
67	104-4827-03	1	Actuator-LH				
68	104-4819-03	1	Bracket-Pivot, LH				
69	104-4825-03	1	Bracket-Pivot, RH				
70	323-11	2	Screw-HH				
71	322-11	2	Screw-HH				
72	104-4821	2	Spring-Torsion				



Scissor Assembly

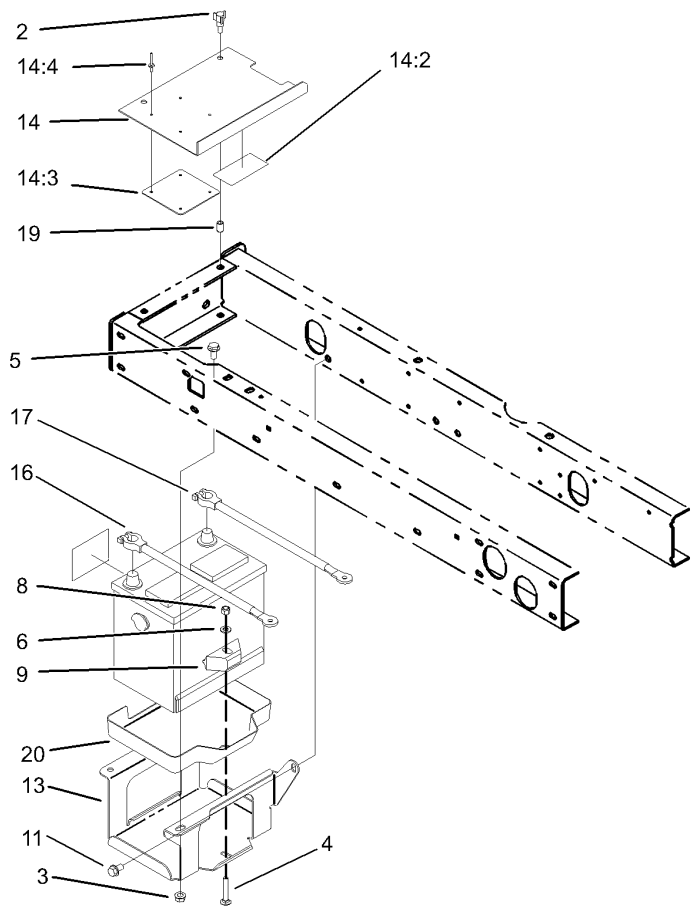
Ref	Part No.	Qty.	Description
1	95-8526	6	Bushing-Plastic
2	95-8527-03	1	Link-Scissor
3	95-8883	1	Mount-Scissor
4	323-7	4	Screw-HH
5	3256-24	4	Washer-Flat
6	3296-39	4	Nut-Lock, NI
7	95-8521-03	1	Frame-Scissor
8	95-8512	1	Cylinder-HYD
9	95-8603	2	Spacer
10	87-5330	2	Washer
11	324-6	2	Screw-HH
12	3296-48	2	Nut-Lock, NI
13	95-8529	3	Pin
14	3234-14	3	Screw-HHF
15	32152-1	3	Nut-Lock, Cone
16	46-6350	2	Spacer
17	95-8790	1	Tube ASM
18	95-8791	1	Tube ASM
19	340-154	2	Union-Bulkhead
19:1	237-22	2	O-Ring
20	340-70	2	Nut-Lock
21	85-9720	1	Fitting-Orificed
21:1	237-78	1	O-Ring
21:2	237-21	1	O-Ring

Ref	Part No.	Qty.	Description
22	95-8838	1	Hose ASM
23	340-132	1	Fitting-HYD, 90 DEG
23:1	237-78	1	O-Ring
23:2	237-21	1	O-Ring
24	95-8839	1	Hose ASM
25	99-3505	1	Scissors Link ASM
25:1	94-3353	1	Decal-Point, Pinch
26	32120-93	2	Ring-Retaining, EXT



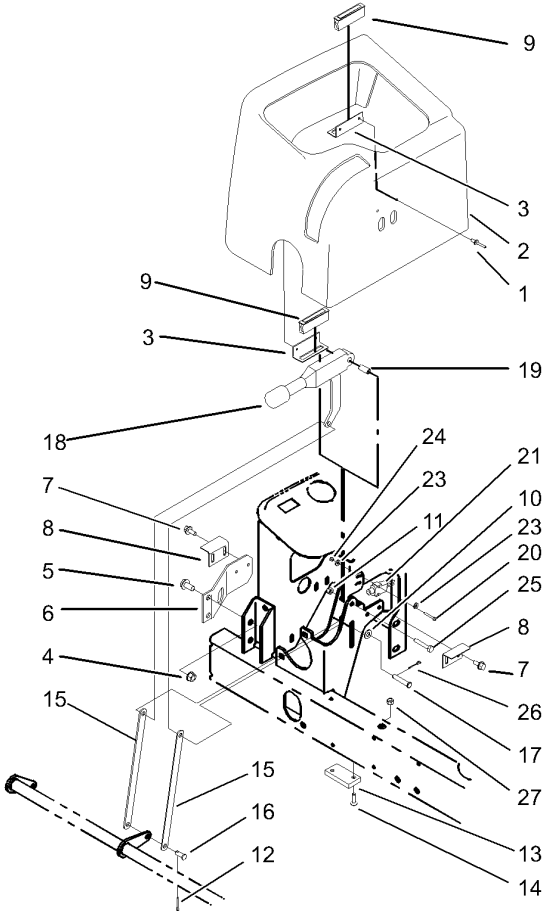
Hydraulic Motor Assembly No. 105-9820

Ref	Part No.	Qty.	Description				
2	105-9191	1	Seal Kit				
2:1		1	Ring-Retaining				
2:2		1	Seal-Shaft				
2:3		2	Seal ASM				
2:4		2	Seal-Dust				
2:5		1	Seal-Shaft				
2:6		2	Seal-Dust				
3	105-9192	1	Relief Valve Kit				
3:1		1	Cap-Valve, Relief				
3:2		1	Seal-Dust				
3:3		1	Spring				
3:4		1	Poppet				
3:5		1	Seat-Valve, Relief				



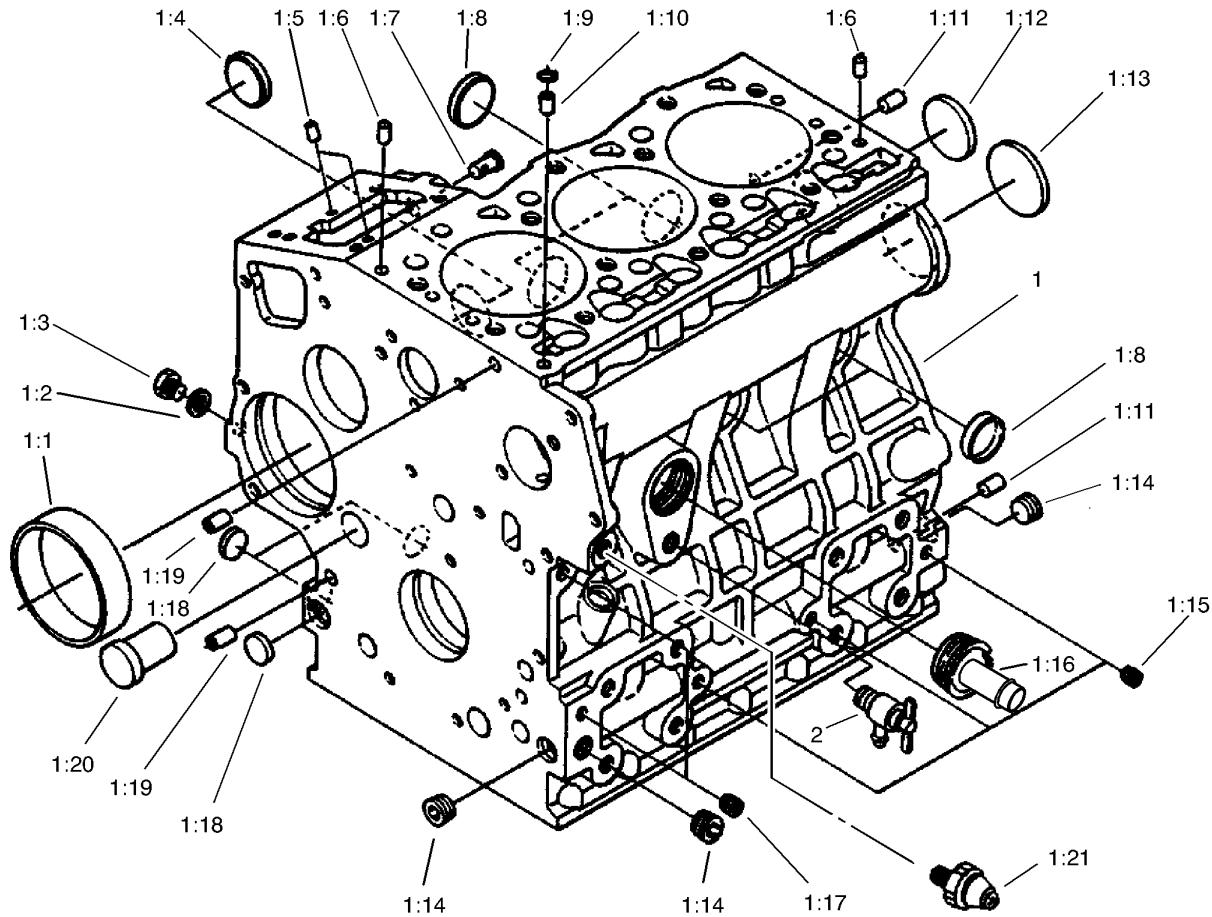
Battery Assembly

Ref	Part No.	Qty.	Description				
2	233-70	2	Knob-Star, Three				
3	32128-43	3	Nut-Flange				
4	3230-6	1	Screw-CARR				
5	3234-1	3	Screw-HHF				
6	3256-23	1	Washer-Flat				
8	3296-29	1	Nut-Lock, NI				
9	66-2490	1	Retainer-Battery				
11	32144-15	1	Screw-HHFTF				
13	95-8796-03	1	Support-Battery				
14	95-8807-01	1	Cover-Battery				
14:2	93-7276	1	Decal-Danger				
14:3	87-7620	1	Shield-Terminal, Battery				
14:4	3269-27	4	Rivet-Snap				
16	95-8853	1	Cable-Battery, Positive				
17	95-8854	1	Cable-Battery, Negative				
19	32148-6	2	Insert-Nut				
20	99-3513	1	Tray-Battery				



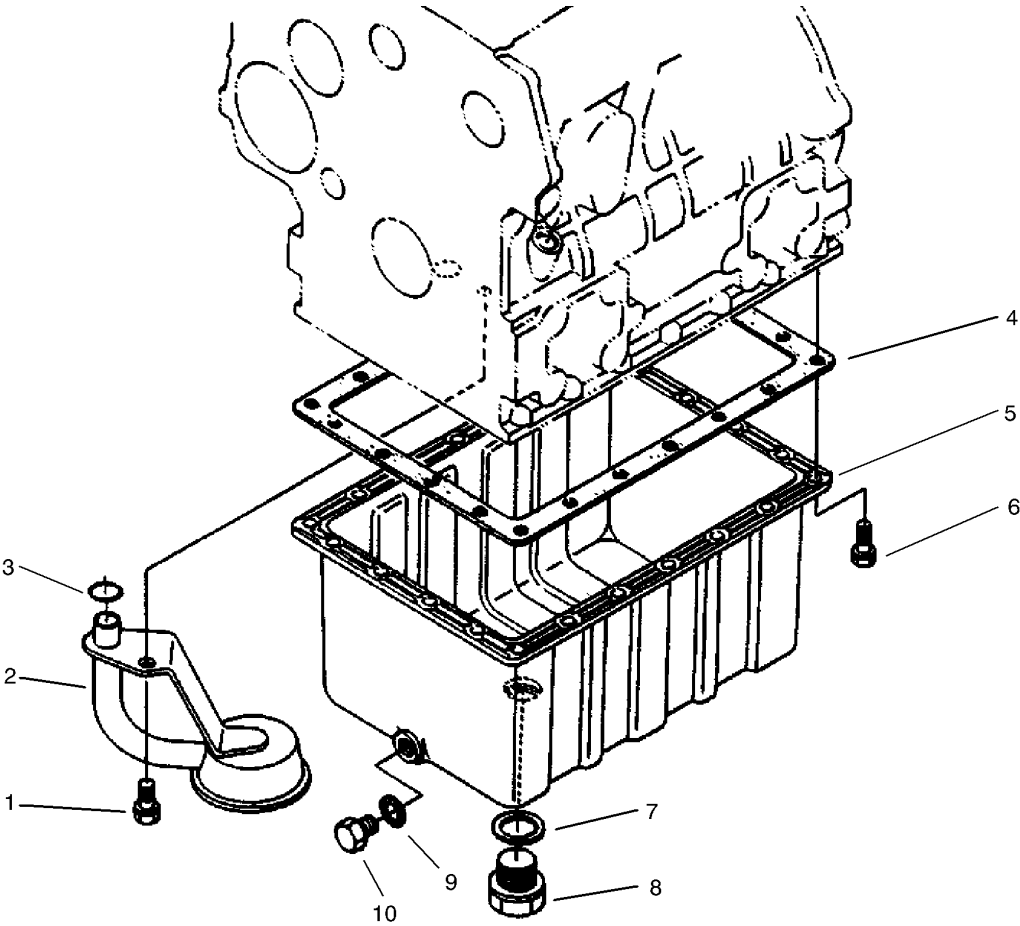
Parking Brake Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3269-5	4	Rivet	26	3272-6	1	Pin-Cotter
2	95-8707	1	Cover-Dash	27	32128-32	2	Nut-HHF
3	95-8763	2	Bracket-Hold Down, Cover				
4	32128-43	2	Nut-Flange				
5	3234-1	2	Screw-HHF				
6	95-8764-03	1	Support-Magnet				
7	32144-10	4	Screw-HWH				
8	95-8765	2	Bracket-Strike, Magnet				
9	58-4250	2	Catch-Magnetic				
10	3256-23	1	Washer-Flat				
11	3296-42	1	Nut-Lock, NI				
12	3272-10	1	Pin-Cotter				
13	95-8684	1	Pad-Bumper				
14	3289-4	2	Screw-FH				
15	104-4628-03	2	Link-Brake, Parking				
16	283-62	1	Pin-Clevis				
17	94-3829	1	Pin-Clevis				
18	104-4817	1	Lever-Brake				
19	87-4710	1	Spacer-Brake, Parking				
20	32105-9	2	Screw				
21	95-8900	1	Switch				
23	3256-21	4	Washer-Flat				
24	3296-9	2	Nut-Lock				
25	321-10	1	Screw-HH				



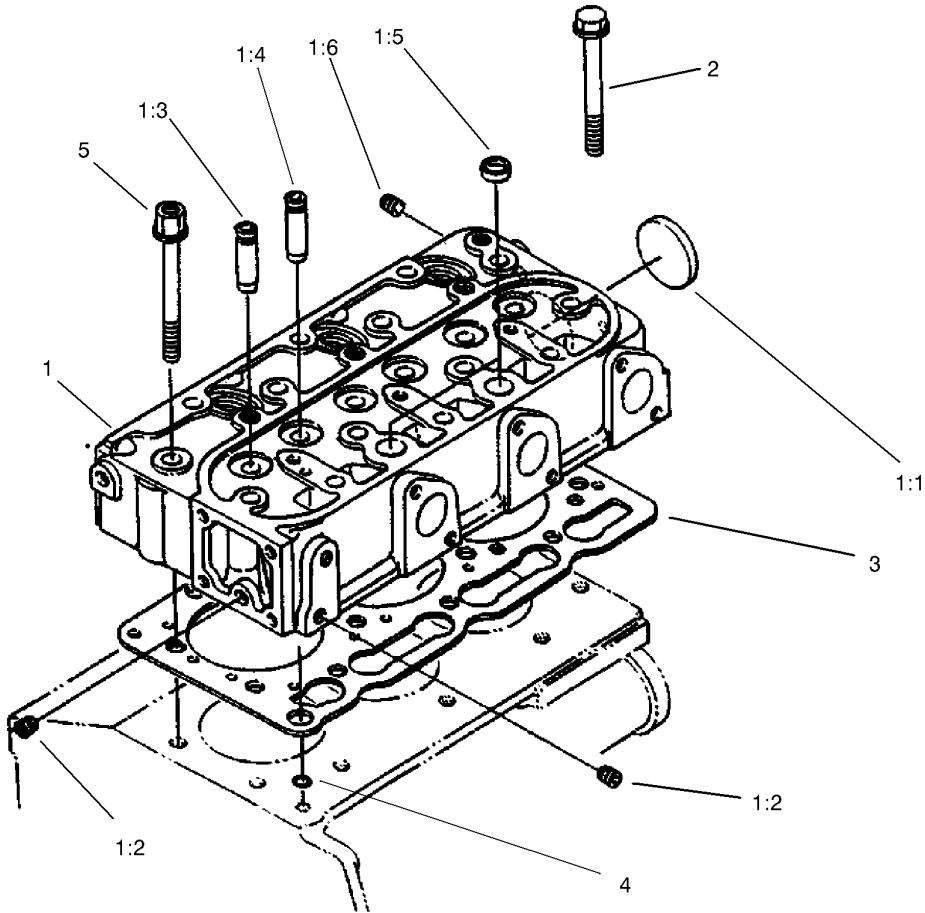
Crankcase Assembly

Ref	Part No.	Qty.	Description				
1	99-8300	1	Crankcase ASM				
1:1	98-9656	1	Bushing-Governor, Gear				
1:2	98-7428	1	Gasket				
1:3	98-7507	1	Plug				
1:4	98-9599	1	Plug				
1:5	98-9375	2	Pin-Straight				
1:6	98-9376	2	Pin-Straight				
1:7	98-9630	1	Pin-Spring, Start				
1:8	98-9398	4	Cap-Sealing				
1:9	98-7509	1	O-Ring				
1:10	98-9539	1	Pin-Pipe				
1:11	98-9377	2	Pin-Straight				
1:12	98-7539	1	Cap-Sealing				
1:13	98-9668	1	Plug				
1:14	98-9597	3	Plug				
1:15	98-7540	3	Plug				
1:16	99-8347	1	Joint-Pipe, Drain				
1:17	98-7487	2	Plug				
1:18	98-9379	3	Plug				
1:19	98-9387	2	Pin-Pipe				
1:20	98-9675	1	Plug				
1:21	98-9416	1	Switch-Oil				
2	98-9436	1	Drain Cock ASM				



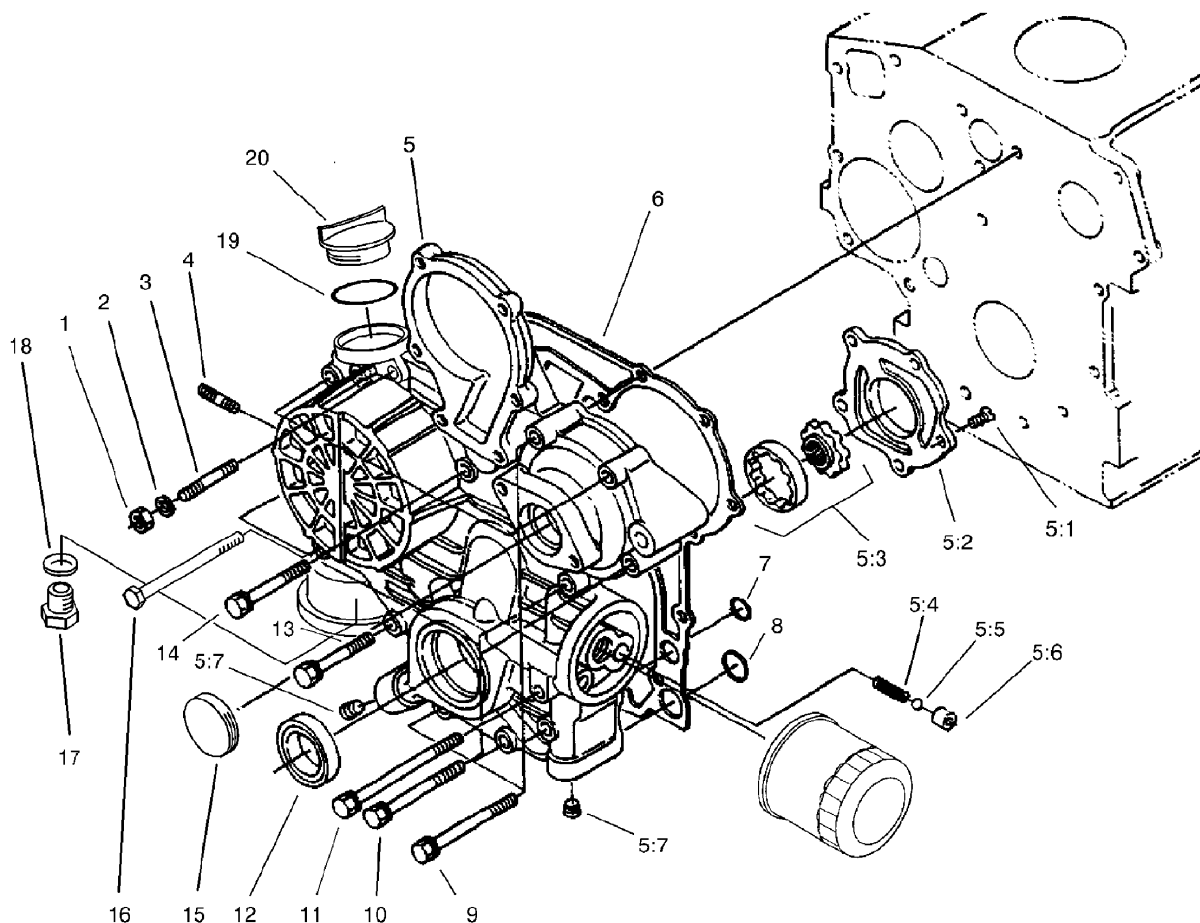
Oil Pan Assembly

Ref	Part No.	Qty.	Description				
1	98-9358	1	Bolt				
2	98-9538	1	Filter-Oil				
3	98-7527	1	O-Ring				
4	98-9646	1	Gasket-Pan, Oil				
5	98-9685	1	Drain-Oil				
6	98-9350	22	Bolt				
7	98-9399	1	Gasket				
8	98-7523	1	Plug-Drain				
9	98-7524	1	Gasket				
10	98-9386	1	Plug				



Cylinder Head Assembly

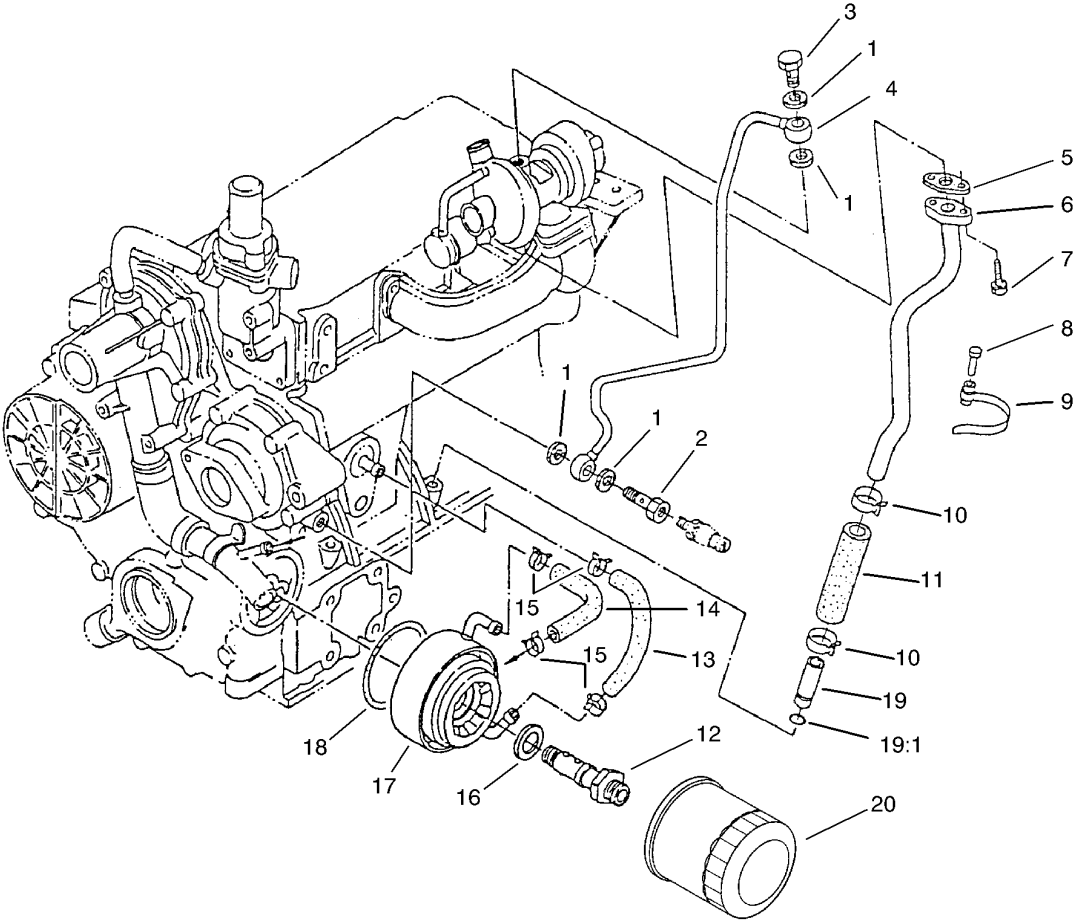
Ref	Part No.	Qty.	Description				
1	99-8344	1	Cylinder Head ASM				
1:1	98-9395	1	Cap-Sealing				
1:2	98-7540	2	Plug				
1:3	98-9499	3	Guide-Valve, Inlet				
1:4	98-9500	3	Guide-Valve, Exhaust				
1:5	98-9389	2	Cap-Sealing				
1:6	98-9444	1	Plug				
2	98-9479	12	Bolt-Head, Cylinder				
3	98-9613	1	Gasket-Head, Cylinder				
4	98-7509	1	O-Ring				
5	98-9647	2	Bolt-Head, Cylinder				



Grease and Oil Filter Assembly

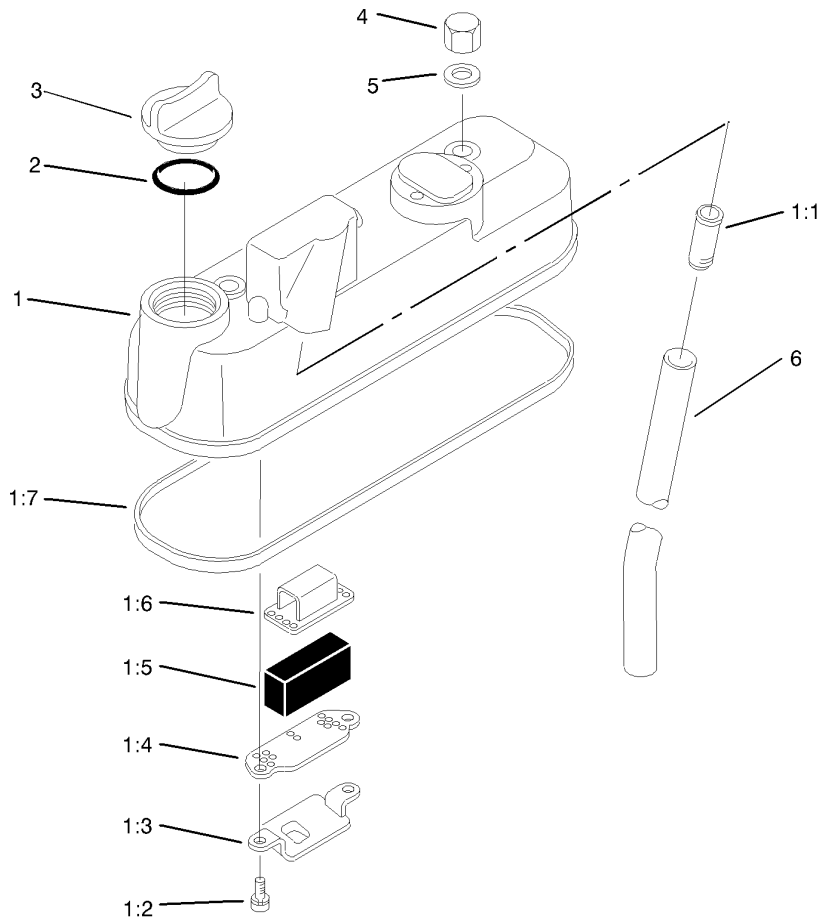
Ref	Part No.	Qty.	Description
1	98-7572	1	Nut
2	98-9367	1	Washer-Spring
3	98-9363	1	Stud
4	98-9362	2	Stud
5	104-4886	1	Gear Case ASM
5:1	98-9592	5	Screw
5:2	105-3708	1	Cover-Pump, Oil
5:3	98-9540	1	Oil Pump Rotor ASM
5:4	98-9544	1	Spring
5:5	98-9580	1	Pipe-Return, Water
5:6	98-9543	1	Seat-Valve
5:7	98-9598	2	Plug
6	98-9633	1	Gasket-Case, Gear
7	98-9372	2	O-Ring
8	98-7547	2	O-Ring
9	98-9356	2	Bolt
10	98-9355	6	Bolt
11	99-3510	2	Bolt
12	98-9482	1	Seal-Oil
13	98-9437	1	Bolt
14	98-7496	3	Bolt
15	99-3515	1	Plug-Gearcase
16	99-3511	1	Bolt
17	99-3450	2	Plug

Ref	Part No.	Qty.	Description
18	99-3451	1	Plug-Packing
19	98-7430	1	O-Ring
20	98-9449	1	Plug-Filler, Oil



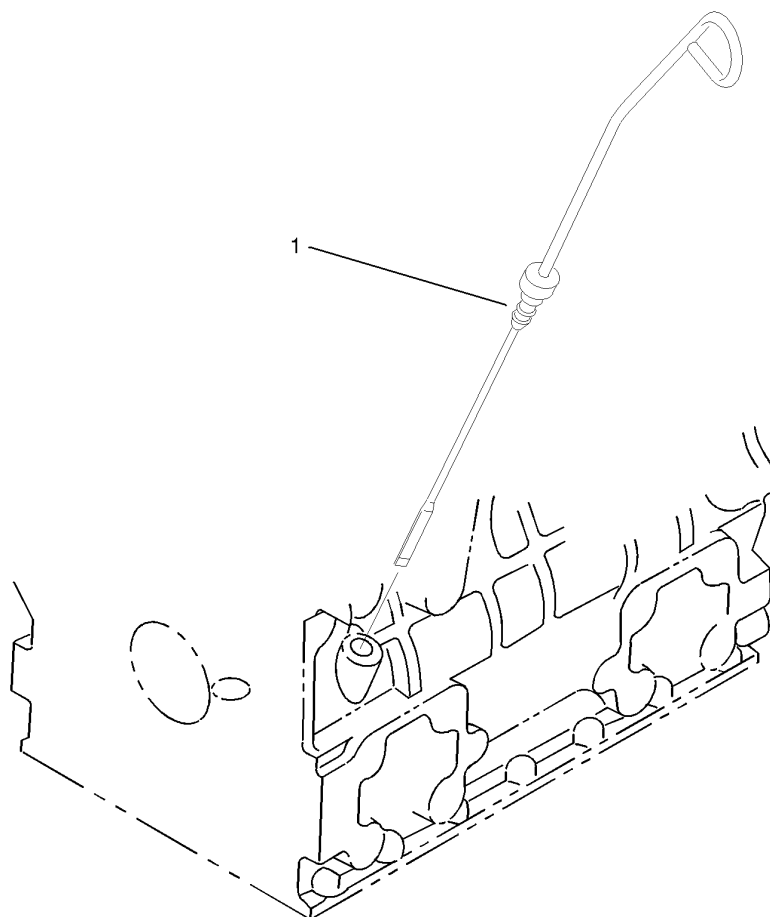
Filter, Oil Cooler and Pipe Assembly

Ref	Part No.	Qty.	Description				
1	99-8346	4	Gasket				
2	98-9417	1	Bolt-Joint, Eye				
3	98-9418	1	Bolt-Joint, Eye				
4	98-9419	1	Oil Pipe ASM				
5	98-9435	1	Gasket-Oil Return, Turbo				
6	98-9461	1	Pipe Line ASM				
7	98-7568	2	Bolt				
8	98-9591	1	Pin-Band				
9	98-9601	1	Clamp-Pipe				
10	98-9714	2	Clamp-Hose				
11	98-9721	1	Pipe-Oil				
12	104-5159	1	Holder ASM				
13	98-9724	1	Pipe-Cooler, Oil				
14	98-9578	1	Pipe-Return, Water				
15	98-9579	4	Band-Pipe				
16	98-9727	1	Collar				
17	104-5158	1	Oil Cooler ASM				
18	98-9729	1	O-Ring				
19	99-8383	1	Oil Pipe ASM				
19:1	98-9374	1	O-Ring				
20	104-5167	1	Filter-Oil				



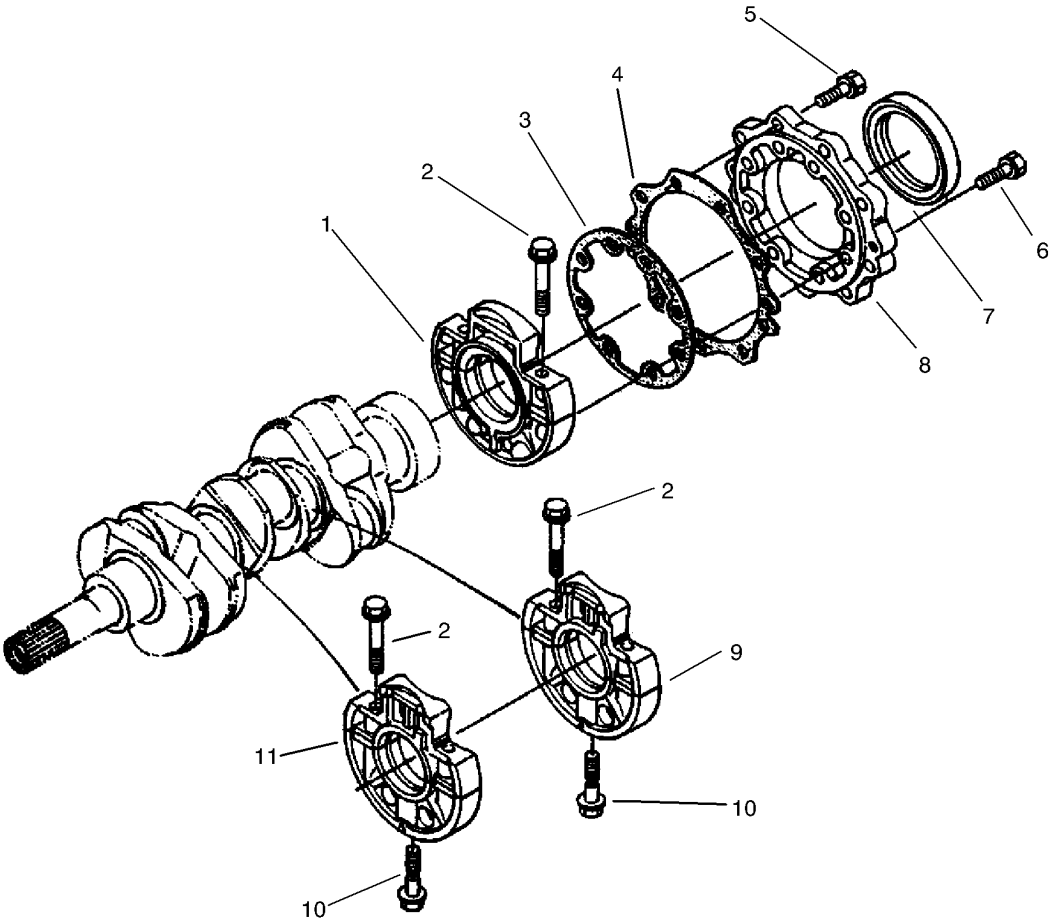
Head Cover Assembly

Ref	Part No.	Qty.	Description				
1	98-9614	1	Cylinder Head Cover ASM				
1:1	98-9492	1	Joint-Pipe, Breather				
1:2	98-9364	2	Screw (With Washer)				
1:3	98-9490	1	Shield-Oil, Breather				
1:4	98-9488	1	Plate-Element, Breather				
1:5	98-9493	1	Element-Breather				
1:6	98-9489	1	Plate-Element, Breather				
1:7	98-9615	1	Gasket-Cover, Head				
2	98-7430	1	O-Ring				
3	98-9449	1	Plug-Filler, Oil				
4	98-9455	3	Nut-Cap				
5	98-9454	3	Gasket				
6	98-9491	1	Pipe-Breather				



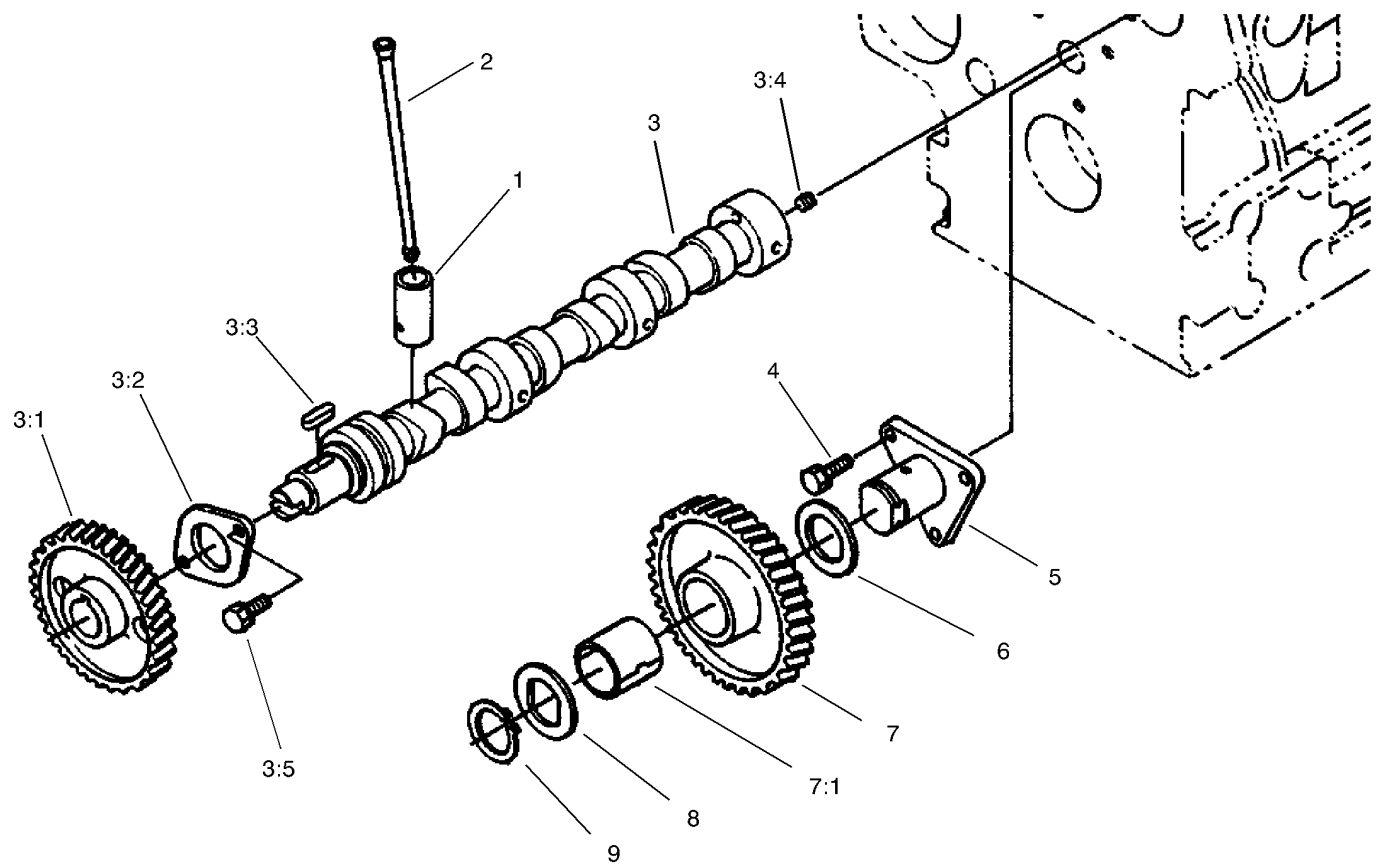
Dipstick Assembly

Ref	Part No.	Qty.	Description
1	104-4801	1	Dipstick



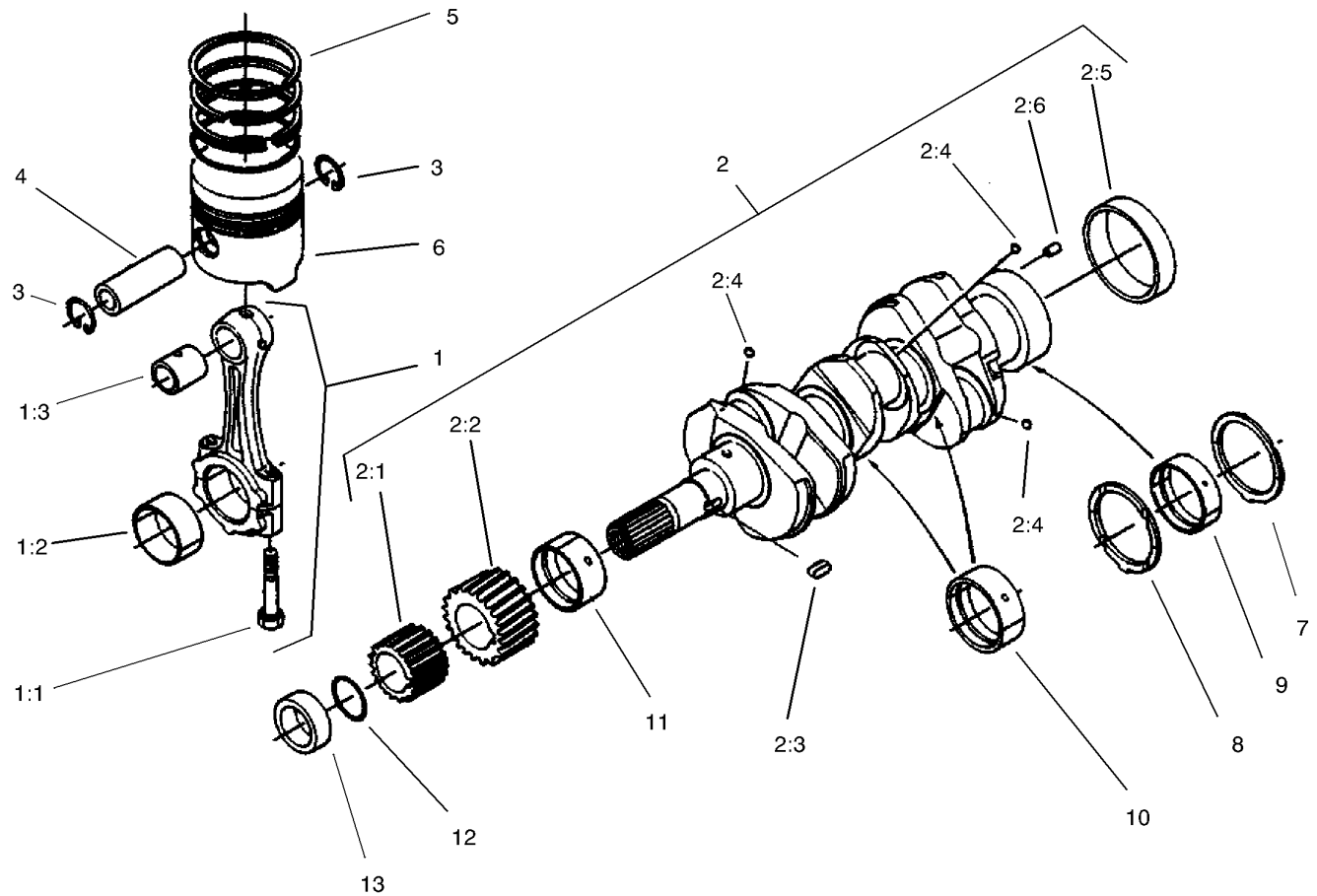
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
1	98-9480	1	Main Bearing Case ASM				
2	98-9484	6	Bolt-Case, Bearing				
3	98-9634	1	Gasket-Case, Bearing				
4	98-9635	1	Gasket-Cover, Bearing Case				
5	98-7568	9	Bolt				
6	98-9352	8	Bolt				
7	98-9483	1	Seal-Oil				
8	98-9487	1	Cover-Case, Bearing				
9	99-8360	1	Case-Bearing, Main				
10	98-9485	2	Bolt-Case, Bearing				
11	99-8361	1	Case-Bearing, Main				



Camshaft Assembly

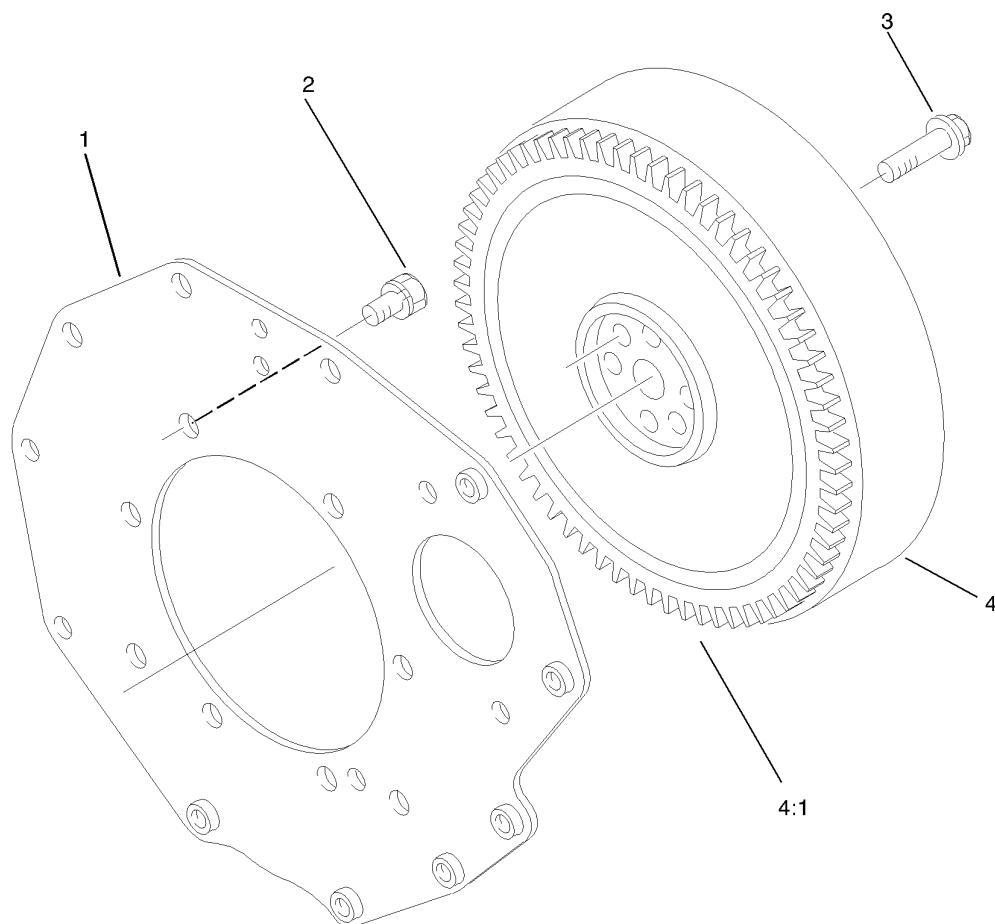
Ref	Part No.	Qty.	Description				
1	98-9616	6	Tappet				
2	98-9509	6	Rod-Push				
3	99-8362	1	Camshaft ASM				
3:1	98-9512	1	Gear-Cam				
3:2	98-9510	1	Stopper-Camshaft				
3:3	98-9378	1	Key-Feather				
3:4	98-7449	1	Screw-Set				
3:5	98-9351	2	Bolt				
4	98-7692	3	Bolt				
5	98-9533	1	Shaft-Gear, Idle				
6	98-9535	1	Collar-Gear, Idle				
7	98-9649	1	Idle Gear ASM				
7:1	98-9650	1	Bushing-Gear, Idle				
8	98-9536	1	Collar-Gear, Idle				
9	98-9534	1	Clip-Circular, Idle Gear				



Piston and Crankshaft Assembly

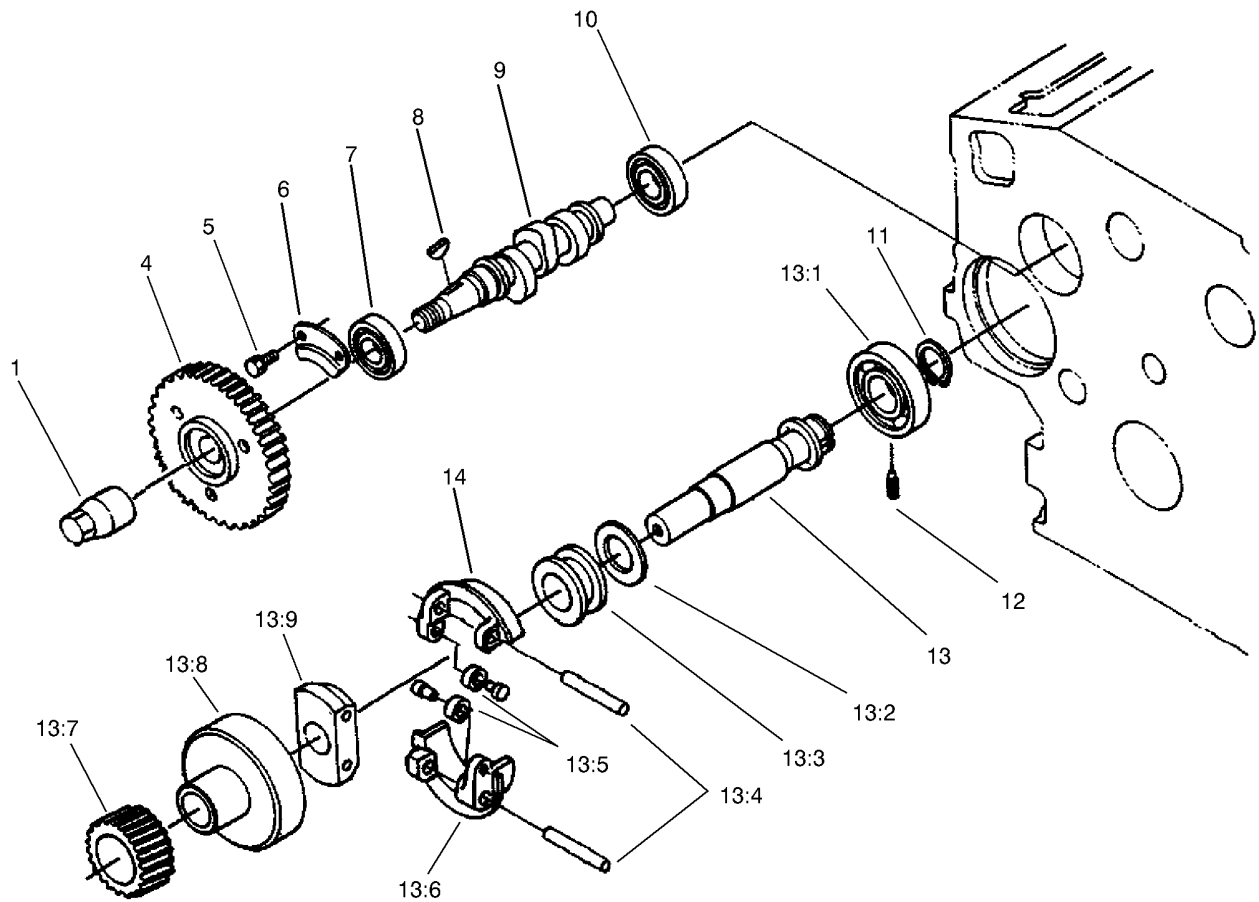
Ref	Part No.	Qty.	Description
1	98-9552	3	Connecting Rod ASM
1:1	98-9517	6	Bolt-Rod, Connecting
1:2	98-9519	3	Bearing-Rod (0.2Mm)
1:2	98-9520	3	Bearing-Rod (0.4Mm)
1:2	98-9553	3	Bearing-Rod (STD)
1:3	98-9515	3	Bushing-Pin, Piston
2	98-9642	1	Crankshaft ASM
2:1	98-9542	1	Gear-Drive, Oil Pump
2:2	98-9532	1	Gear-Crankshaft
2:3	98-9666	1	Key
2:4	98-7473	3	Ball
2:5	98-9522	1	Sleeve-Crankshaft
2:6	98-9375	1	Pin-Straight
3	98-9514	6	Clip-Circular, Piston Pin
4	98-9513	3	Pin-Piston
5	98-9619	3	Piston Ring ASM (0.5Mm)
5	98-9551	3	Piston Ring ASM (STD)
6	98-9550	3	Piston (STD)
6	98-9470	3	Piston (0.5Mm)
7	98-9413	2	Bearing-Thrust (STD)
7	98-9414	2	Bearing-Thrust (0.2Mm)
7	98-9415	2	Bearing-Thrust (0.4Mm)
8	98-9688	2	Bearing-Thrust (STD)
8	98-9689	2	Bearing-Thrust (0.2Mm)

Ref	Part No.	Qty.	Description
8	98-9690	2	Bearing-Thrust (0.4Mm)
9	98-9526	1	Bearing-Main (0.2Mm)
9	98-9527	1	Bearing-Main (0.4Mm)
9	98-9556	1	Bearing-Main (STD)
10	98-9530	2	Bearing-Main (0.2Mm)
10	98-9531	2	Bearing-Main (0.4Mm)
10	98-9555	2	Bearing-Main (STD)
11	98-9528	1	Bearing-Main (0.2Mm)
11	98-9529	1	Bearing-Main (0.4Mm)
11	98-9554	1	*obs* Bearing-Main (STD)
12	98-9373	1	O-Ring
13	98-9521	1	Collar-Crankshaft



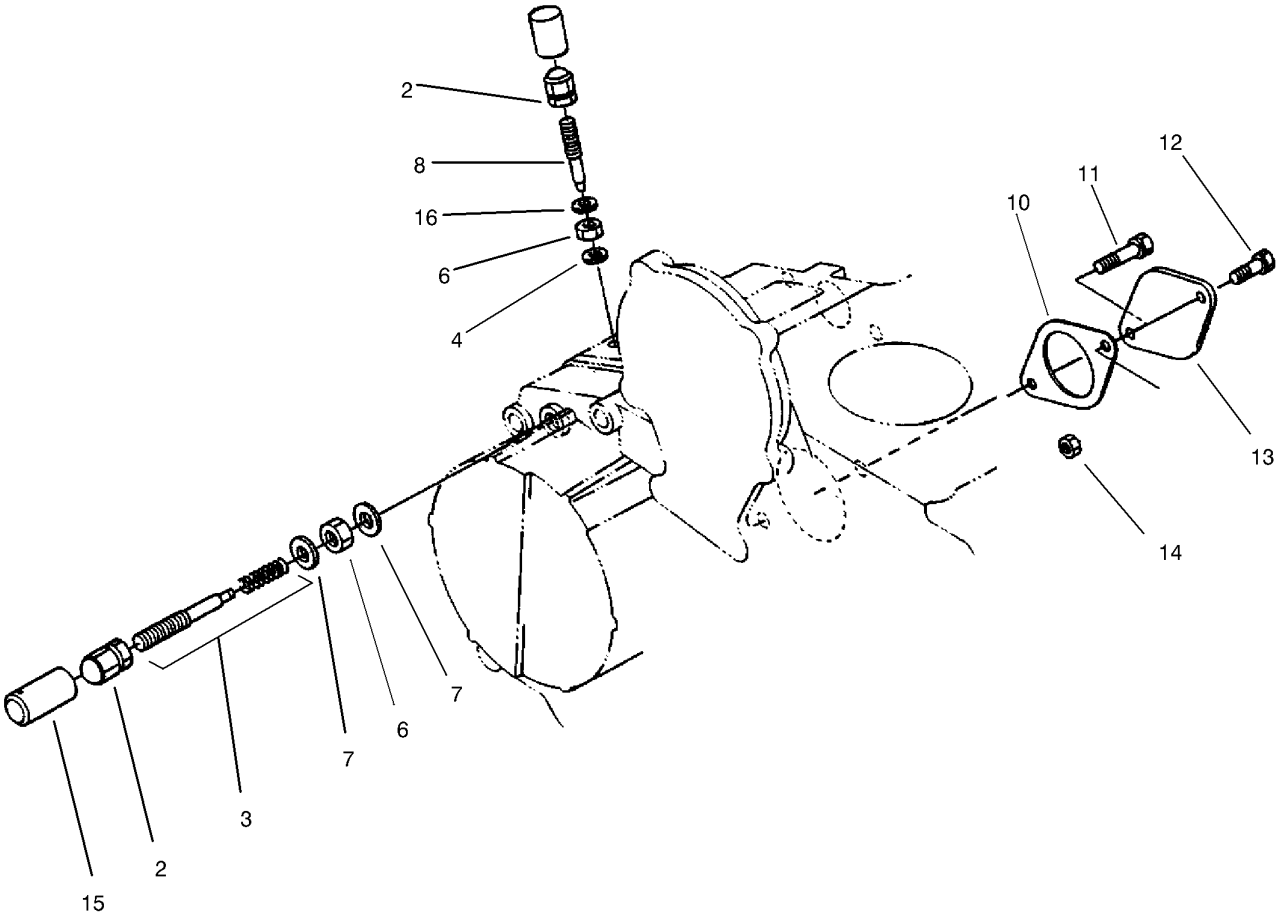
Flywheel Assembly

Ref	Part No.	Qty.	Description
1	98-9486	1	Plate-End, Rear
2	98-9392	8	Bolt
3	98-9537	6	Bolt-Flywheel
4	98-9691	1	Flywheel ASM
4:1	98-9394	1	Gear-Ring



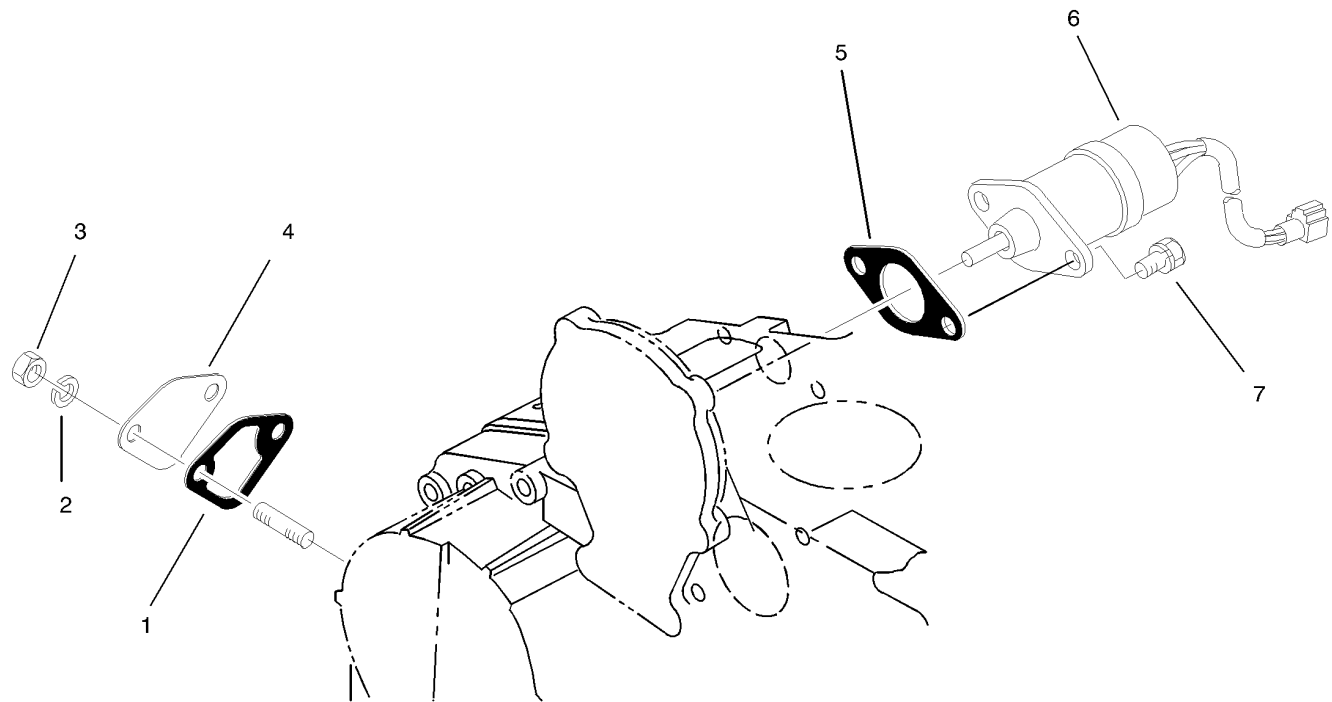
Fuel Camshaft Assembly

Ref	Part No.	Qty.	Description				
1	98-9590	1	Nut-Cap				
4	98-9669	1	Gear-Pump, Injection				
5	98-9350	2	Bolt				
6	98-9511	1	Stopper-Fuel, Camshaft				
7	98-9383	1	Bearing-Ball				
8	98-9595	1	Key-Woodruff				
9	98-9459	1	Camshaft-Fuel				
10	98-9382	1	Bearing-Ball				
11	98-9657	1	Clip-Circular, Governor Shaft				
12	98-9565	1	Screw-Set				
13	98-9644	1	Governor Shaft ASM				
13:1	98-9381	1	Bearing-Ball				
13:2	98-9564	1	Washer-Thrust				
13:3	98-9563	1	Sleeve-Governor				
13:4	98-9560	2	Shaft-Weight, Governor				
13:5	98-9692	2	Roller				
13:6	98-9559	2	Governor Weight ASM				
13:7	98-9673	1	Gear-Governor				
13:8	98-9562	1	Holder-Gear, Governor				
13:9	98-9561	1	Holder-Weight, Governor				
14	98-9559	2	Governor Weight ASM				



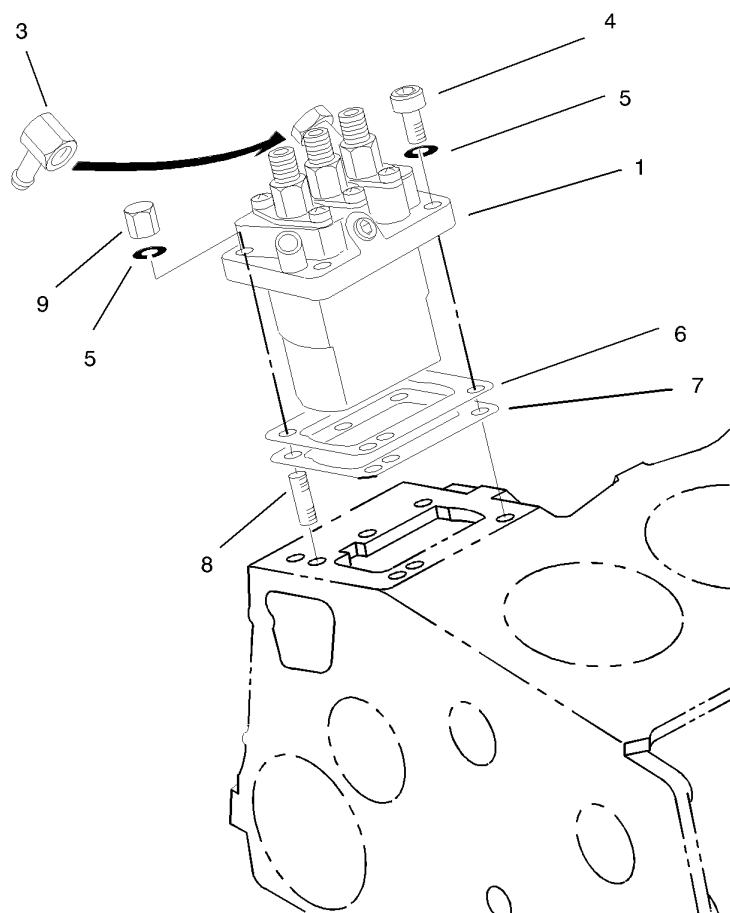
Engine Stop Lever Assembly

Ref	Part No.	Qty.	Description				
2	98-9441	2	Nut-Cap				
3	104-4802	1	Adjusting Bolt ASM				
4	99-8389	1	Gasket				
6	98-9439	2	Nut				
7	98-7654	1	Gasket				
8	98-9557	1	Bolt-Adjusting				
10	98-9674	1	Packing				
11	98-7645	1	Bolt				
12	98-9359	1	Bolt				
13	98-9640	1	Cover-Pump				
14	98-7534	1	Nut				
15	98-9558	1	Cap				
16	99-8388	1	*obs* Gasket				



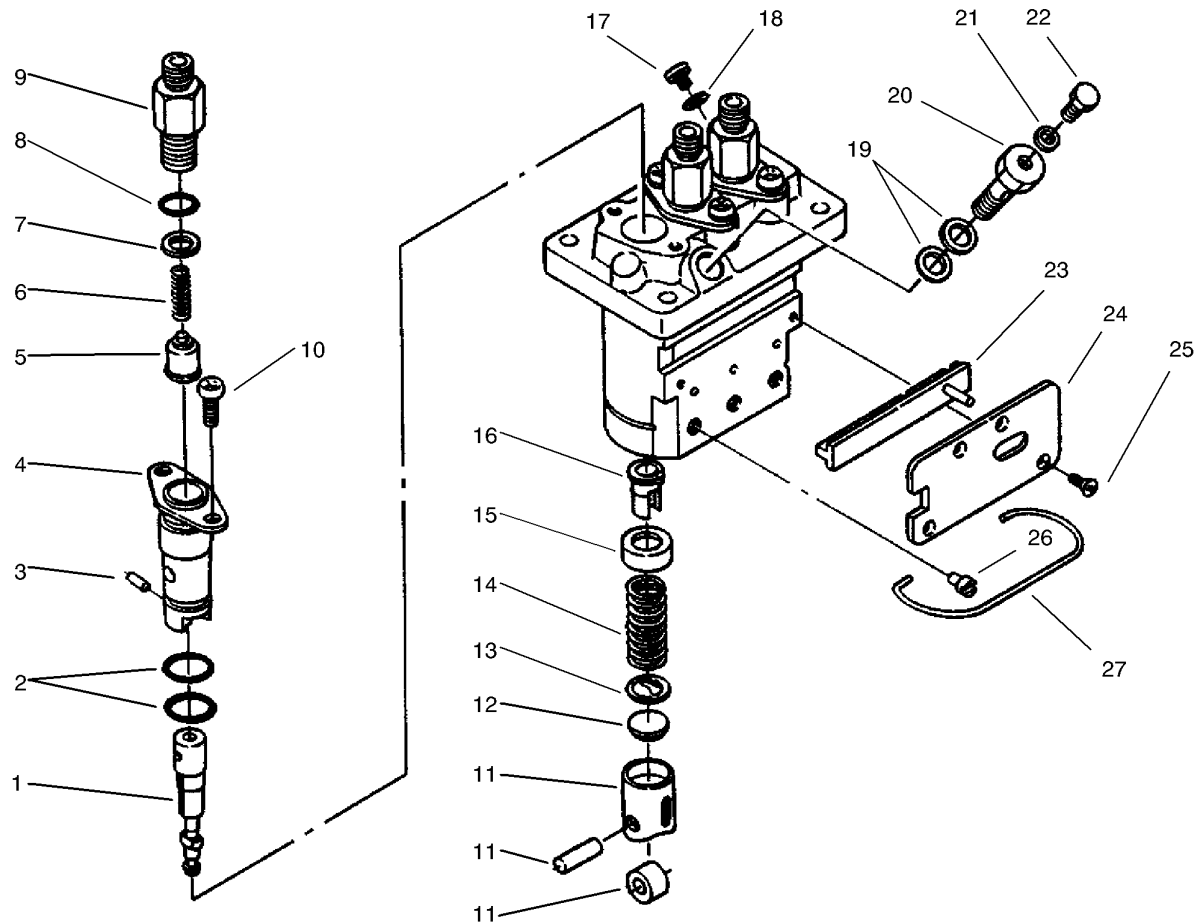
Stop Solenoid Assembly

Ref	Part No.	Qty.	Description				
1	98-9636	1	Gasket-Pump, Fuel				
2	98-9367	2	Washer-Spring				
3	98-7572	2	Nut				
4	99-3514	1	Cover				
5	98-9683	1	Gasket-Cover, Solenoid				
6	104-5155	1	Solenoid-Stop				
7	98-9351	2	Bolt				



Injection Pump Assembly

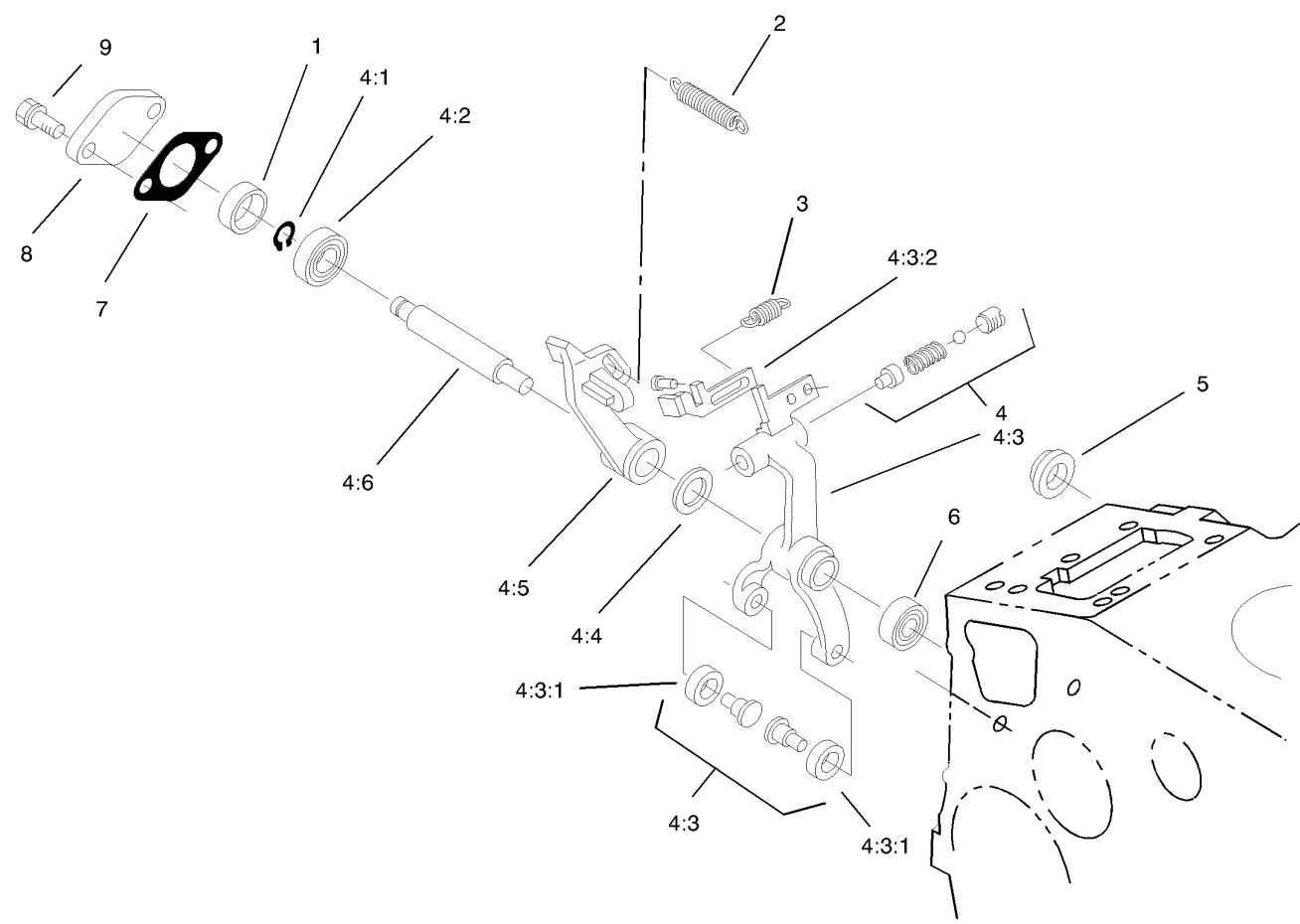
Ref	Part No.	Qty.	Description				
1	98-9643	1	Injection Pump ASM				
3	98-9596	1	Joint-Eye				
4	98-9361	2	Bolt-HSH				
5	98-9367	4	Washer-Spring				
6	98-9456	1	Shim (0.2Mm)				
6	98-9457	1	Shim-Injection (0.25Mm)				
7	98-9458	1	Shim-Injection (0.30Mm)				
8	98-9438	2	Stud				
9	98-9440	2	Nut-Cap				



Injection Pump Assembly No. 98-9643

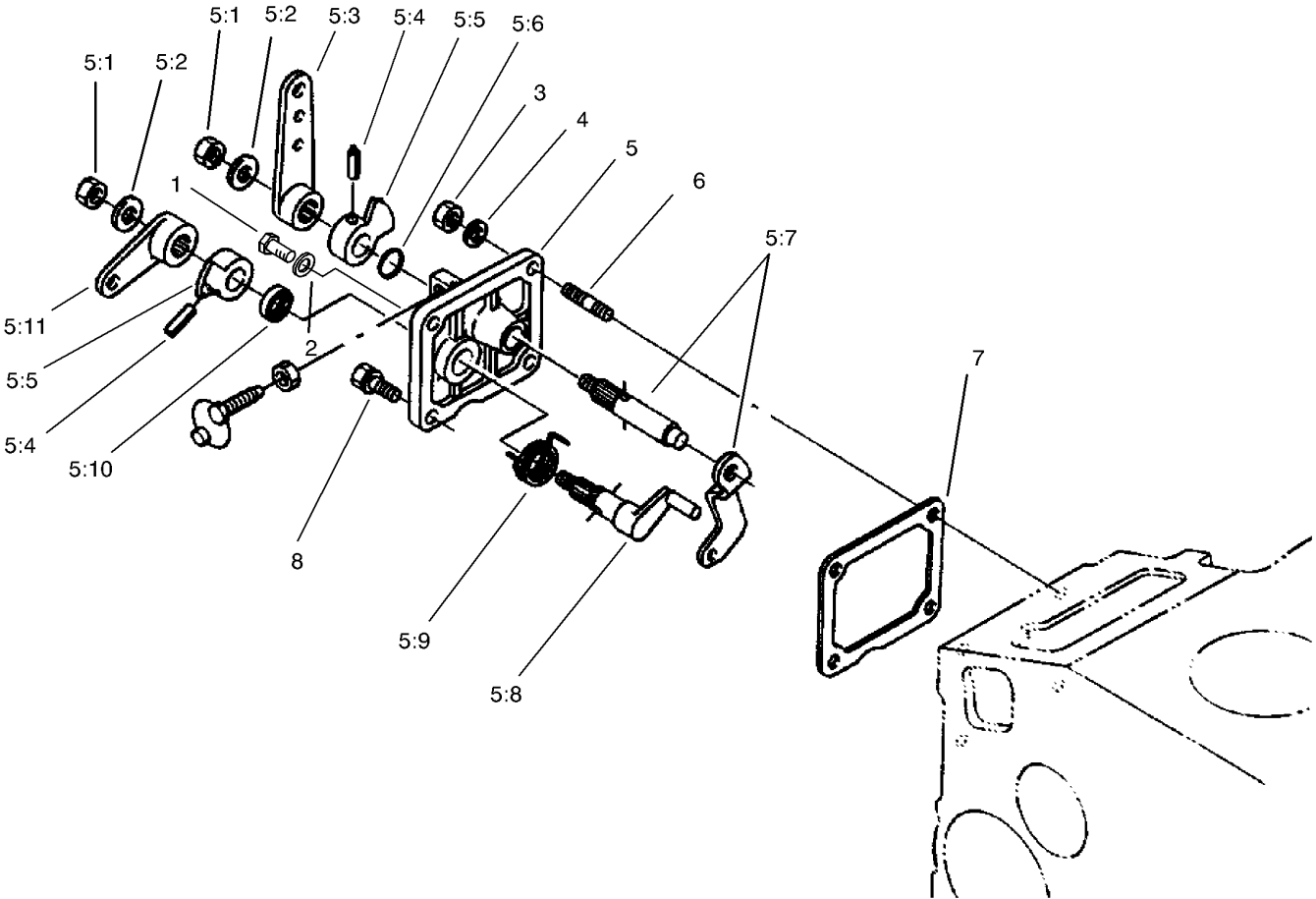
Ref	Part No.	Qty.	Description
1	98-9462	3	Element-Pump
2	98-9423	6	O-Ring
3	98-9443	3	Pin-Joint
4	98-9434	3	Flange-Sleeve
5	98-9421	3	Valve-Delivery
6	98-9424	3	Spring-Valve, Delivery
7	98-9425	3	Gasket-Valve, Delivery
8	98-9447	3	O-Ring
9	98-9652	3	Holder-Valve, Delivery
10	98-9452	6	Screw
11	98-9422	3	Tappet ASM
12	98-9433	3	Shim
13	98-9429	3	Seat-Spring, Lower
14	98-9428	3	Spring-Plunger
15	98-9427	3	Seat-Spring, Upper
16	98-9432	3	Sleeve-Control
17	98-9466	1	Plug
18	98-9451	1	Gasket
19	98-9445	1	Gasket
20	98-9464	1	Bolt-Joint
21	98-9446	1	Gasket
22	98-9430	1	Screw
23	98-9463	1	Control-Rack
24	98-9465	1	Plate

Ref	Part No.	Qty.	Description
25	98-9442	4	Screw
26	98-9426	3	Pin-Guide, Tappet
27	98-9450	1	Pin-Clamp



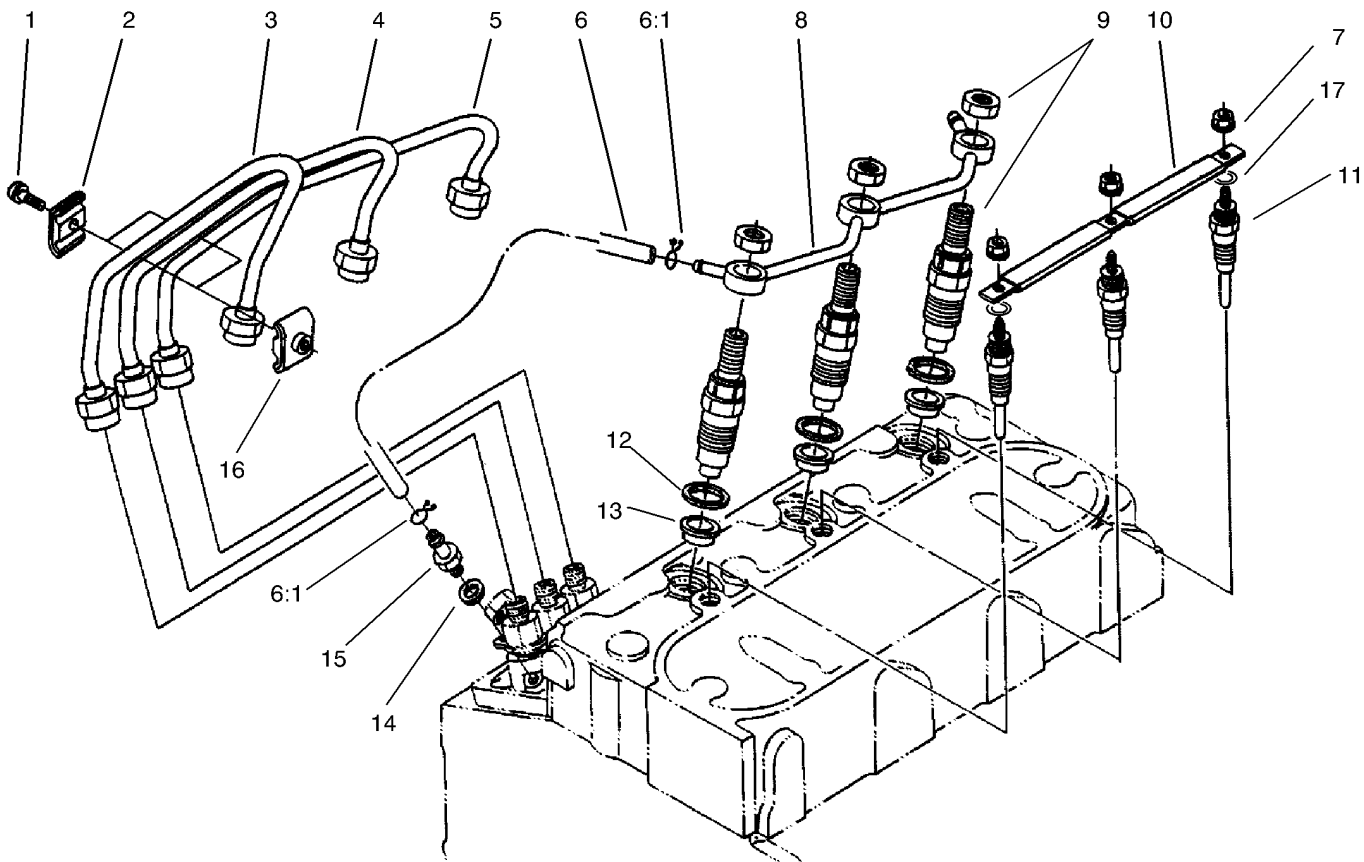
Governor Assembly

Ref	Part No.	Qty.	Description				
1	98-9567	1	Collar				
2	98-9681	1	Spring-Governor				
3	98-9645	1	Spring-Start				
4	98-9680	1	Fork Lever ASM				
4:1	98-9369	1	Clip-Circular, External				
4:2	98-9570	1	Bearing-Miniaturize				
4:3	99-8380	1	Fork Lever ASM				
4:3:1	98-9692	2	Roller				
4:3:2	98-9660	1	Lever-Thrust				
4:4	98-9593	1	Washer-Plain				
4:5	98-9659	1	Lever-Fork				
4:6	98-9566	1	Shaft-Lever, Fork				
5	98-9568	1	Collar				
6	98-9571	1	Bearing-Miniaturize				
7	98-9682	1	Gasket				
8	98-9569	1	Cover-Shaft, Fork Lever				
9	98-9351	2	Bolt				



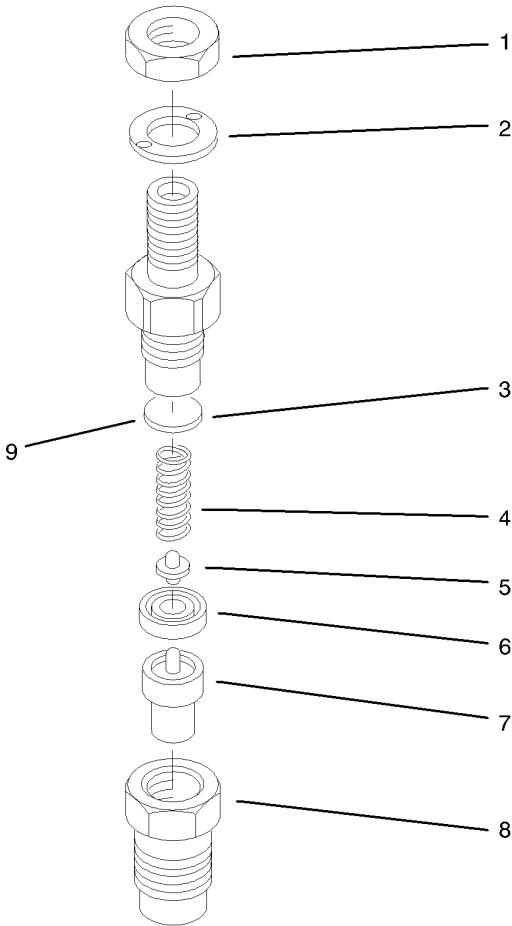
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description				
1	99-8348	1	Bolt				
2	98-7654	1	Gasket				
3	98-7572	2	Nut				
4	98-9367	2	Washer-Spring				
5	98-9661	1	Control Plate ASM				
5:1	98-9589	2	Nut				
5:2	98-9594	2	Washer-Plain				
5:3	98-9662	1	Lever-Control, Speed				
5:4	98-7602	2	Pin-Spring				
5:5	98-9572	2	Lever-Control, Speed				
5:6	98-9371	1	O-Ring				
5:7	98-9658	1	Governor Lever ASM				
5:8	98-9664	1	Shaft-Lever, Stop				
5:9	98-9472	1	Spring-Return				
5:10	98-7601	1	Seal-Oil				
5:11	98-9663	1	Lever-Stop, Engine				
6	98-9362	2	Stud				
7	98-9637	1	Gasket				
8	98-7692	1	Bolt				



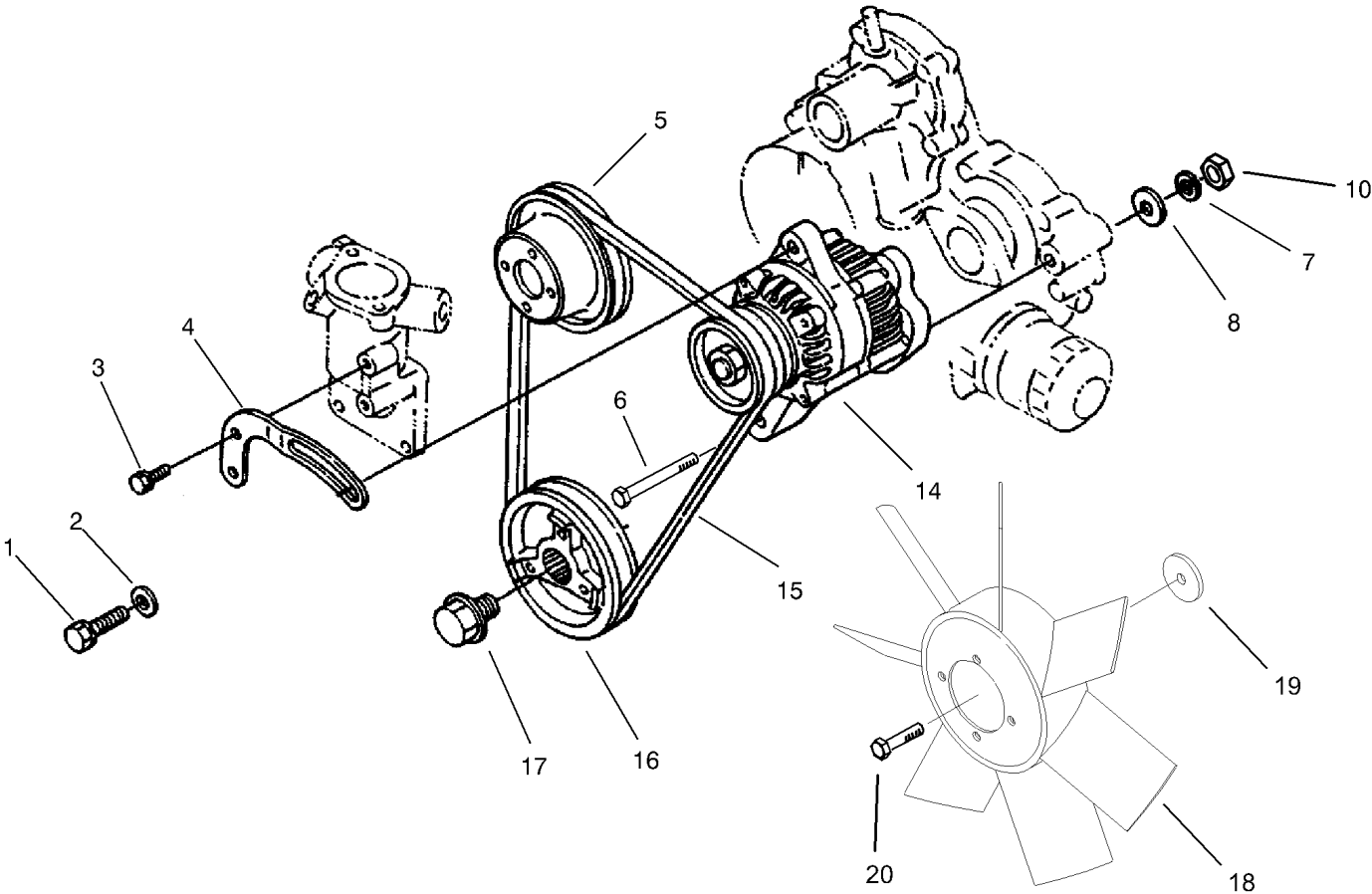
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	Qty.	Description				
1	98-7684	2	Screw (W/Washer)				
2	98-7683	2	Clamp-Pipe				
3	98-9622	1	Pipe-Injection				
4	98-9654	1	Pipe-Injection				
5	98-9655	1	Pipe-Injection				
6	98-9624	1	Overflow Pipe ASM				
6:1	98-7671	2	Clip-Pipe				
7	99-8377	3	Nut-Flange				
8	98-9621	1	Overflow Pipe ASM				
9	98-9468	3	Nozzle Holder ASM				
10	98-9631	1	Cord-Plug, Glow				
11	98-9623	3	Plug-Glow				
12	98-7676	3	Gasket				
13	98-7677	3	Seal				
14	98-7654	1	Gasket				
15	98-9431	1	Screw-Bleeder				
16	98-7682	2	Clamp-Pipe				
17	99-8378	3	Washer-Plain				



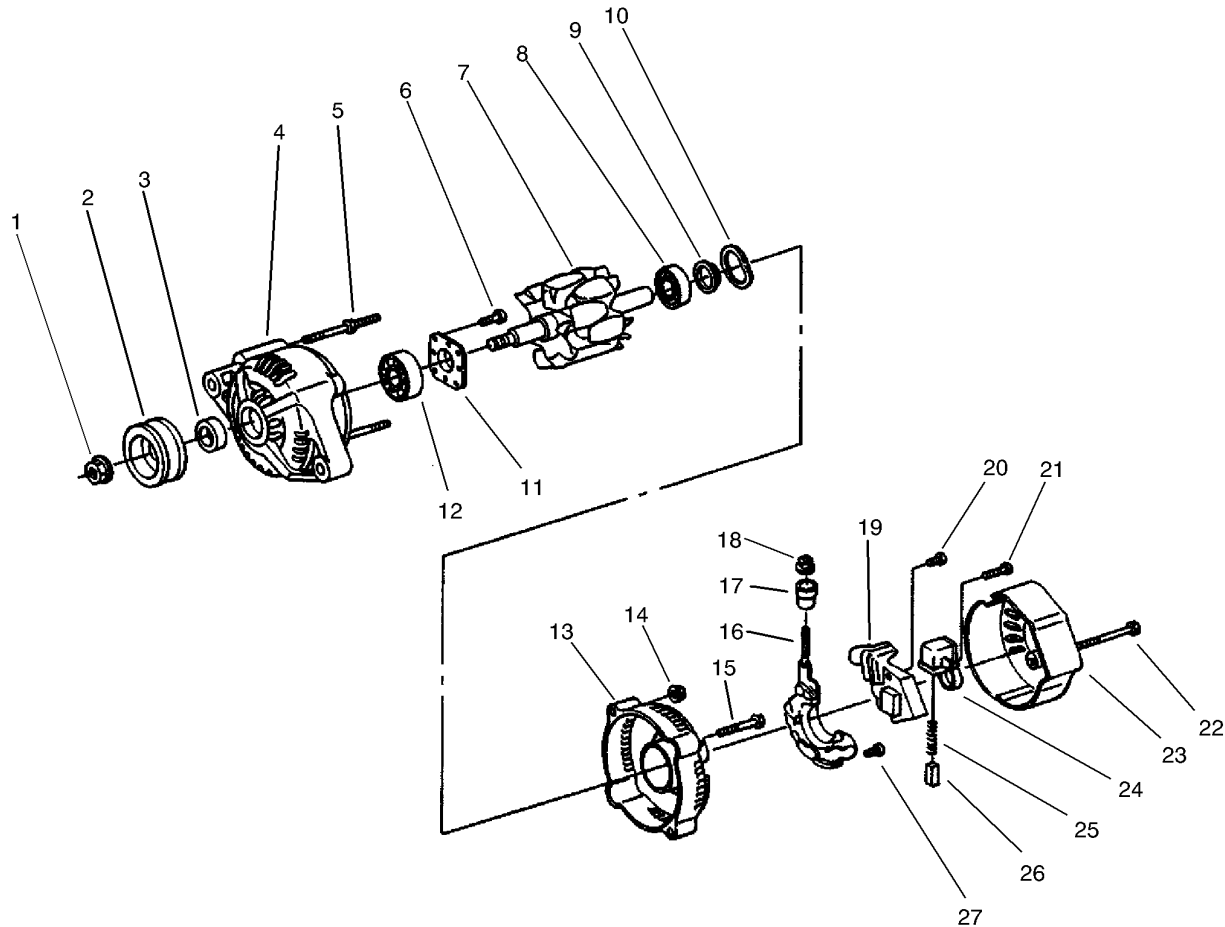
Nozzle Holder Assembly 98-9468

Ref	Part No.	Qty.	Description				
1	99-8301	3	Nut				
2	99-8307	3	Washer-Plain				
3	99-8302	3	Washer-Adjusting				
4	99-8303	3	Spring-Nozzle				
5	99-8305	3	Rod-Push				
6	99-8304	3	Spacer-Distance				
7	99-8308	3	Piece-Nozzle				
8	99-8306	3	Nut-Nozzle				
9	99-8317	3	Washer-Adjust (0.56Mm)				
9	99-8318	3	Washer-Adjust (0.58Mm)				
9	99-8319	3	Washer-Adjust (0.80Mm)				
9	99-8311	3	Washer-Adjust (0.20Mm)				
9	99-8310	3	Washer-Adjust (0.10Mm)				
9	99-8309	3	Adjusting Washer ASM				
9	99-8316	3	Washer-Adjust (0.54Mm)				
9	99-8315	3	Washer-Adjust (0.52Mm)				
9	99-8314	3	Washer-Adjust (0.50Mm)				
9	99-8313	3	Washer-Adjust (0.40Mm)				
9	99-8312	3	Washer-Adjust (0.30Mm)				



Alternator and Pulley Assembly

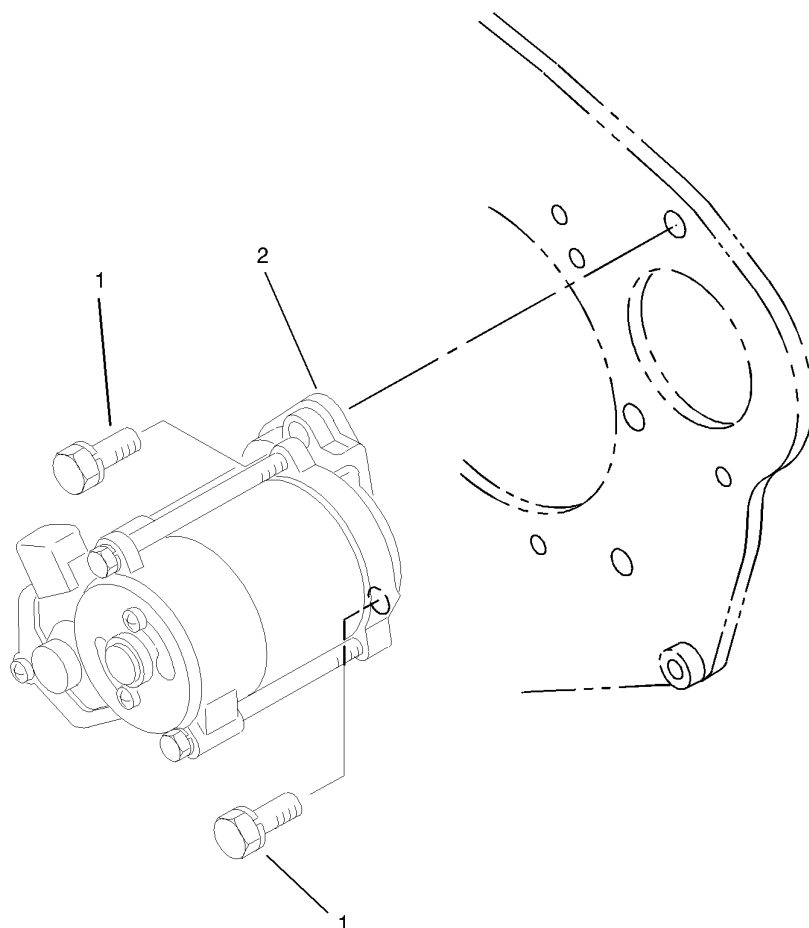
Ref	Part No.	Qty.	Description				
1	98-7697	1	Bolt				
2	98-7660	1	Washer-Plain				
3	98-7692	1	Bolt				
4	98-9573	1	Stay-Dynamo				
5	98-9584	1	Pulley-Fan				
6	98-9360	1	Bolt				
7	99-7527	1	Washer-Spring				
8	98-9366	1	Washer-Plain				
10	99-7526	1	Nut				
14	98-9474	1	Alternator ASM				
15	98-9676	1	V-Belt				
16	99-3456	1	Pulley-Drive, Fan				
17	98-9585	1	Bolt				
18	104-4246	1	Fan-Engine				
19	104-4247	1	Spacer-Fan				
20	33103-020	4	Screw-HHF				



Alternator Assembly No. 98-9474

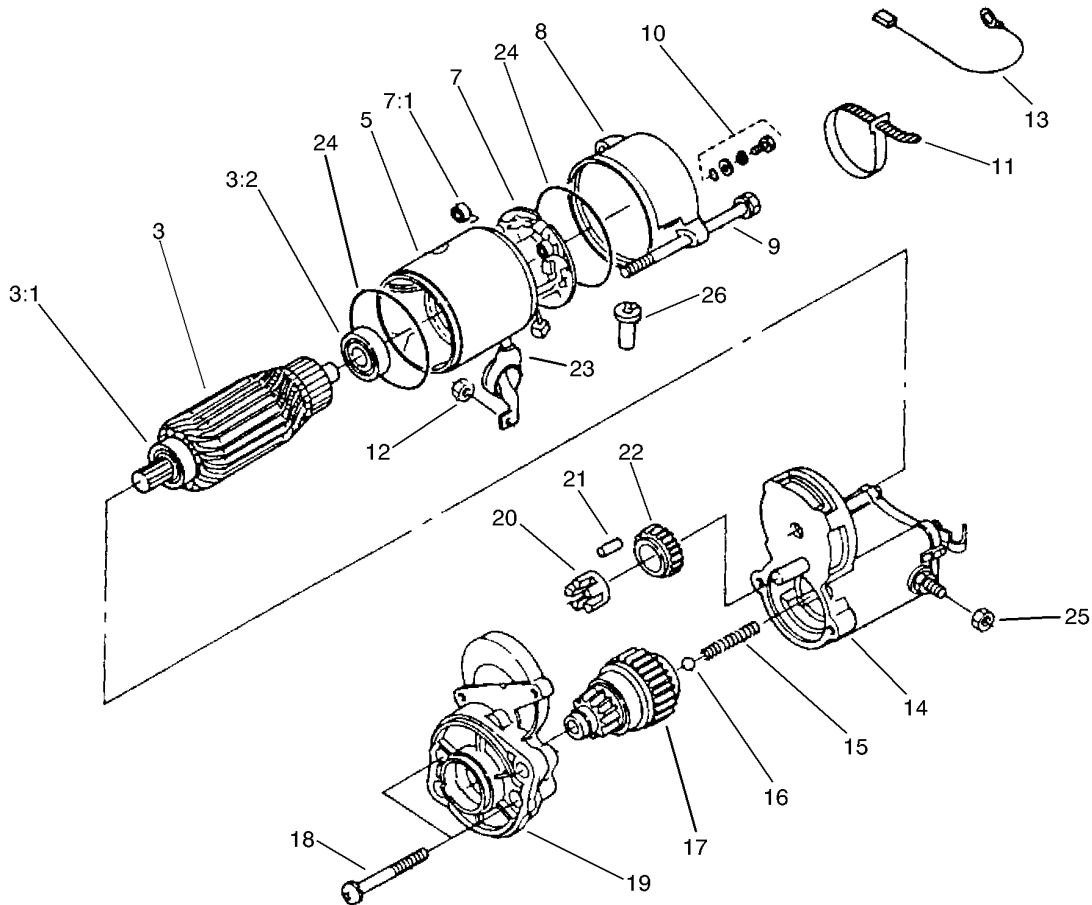
Ref	Part No.	Qty.	Description
1	98-7708	1	Nut
2	98-9453	1	Pulley-Dynamo
3	98-7709	1	Collar
4	98-7714	1	Frame-End, Drive
5	98-7717	2	Bolt-Through
6	98-7716	4	Screw-Head, Round
7	98-7710	1	Rotor
8	98-7712	1	Bearing-Ball
9	98-7711	1	Cover-Bearing
10	98-7713	1	Washer-Thrust
11	98-7715	1	Plate-Retainer
12	98-7718	1	Bearing-Ball
13	98-7719	1	Frame-End
14	98-7730	2	Nut
15	98-7731	2	Bolt
16	98-7721	1	Rectifier ASM
17	98-7722	1	Bushing-Insulation
18	98-7732	1	Nut
19	98-7733	1	Regulator ASM
20	98-7726	2	Screw-Head, Round
21	98-7728	1	Screw-Head, Round
22	98-7729	3	Bolt
23	98-7720	1	Cover-End
24	98-7723	1	Holder-Brush

Ref	Part No.	Qty.	Description
25	98-7725	2	Spring-Brush
26	98-7724	2	Brush
27	98-7727	6	Screw-Head, Round



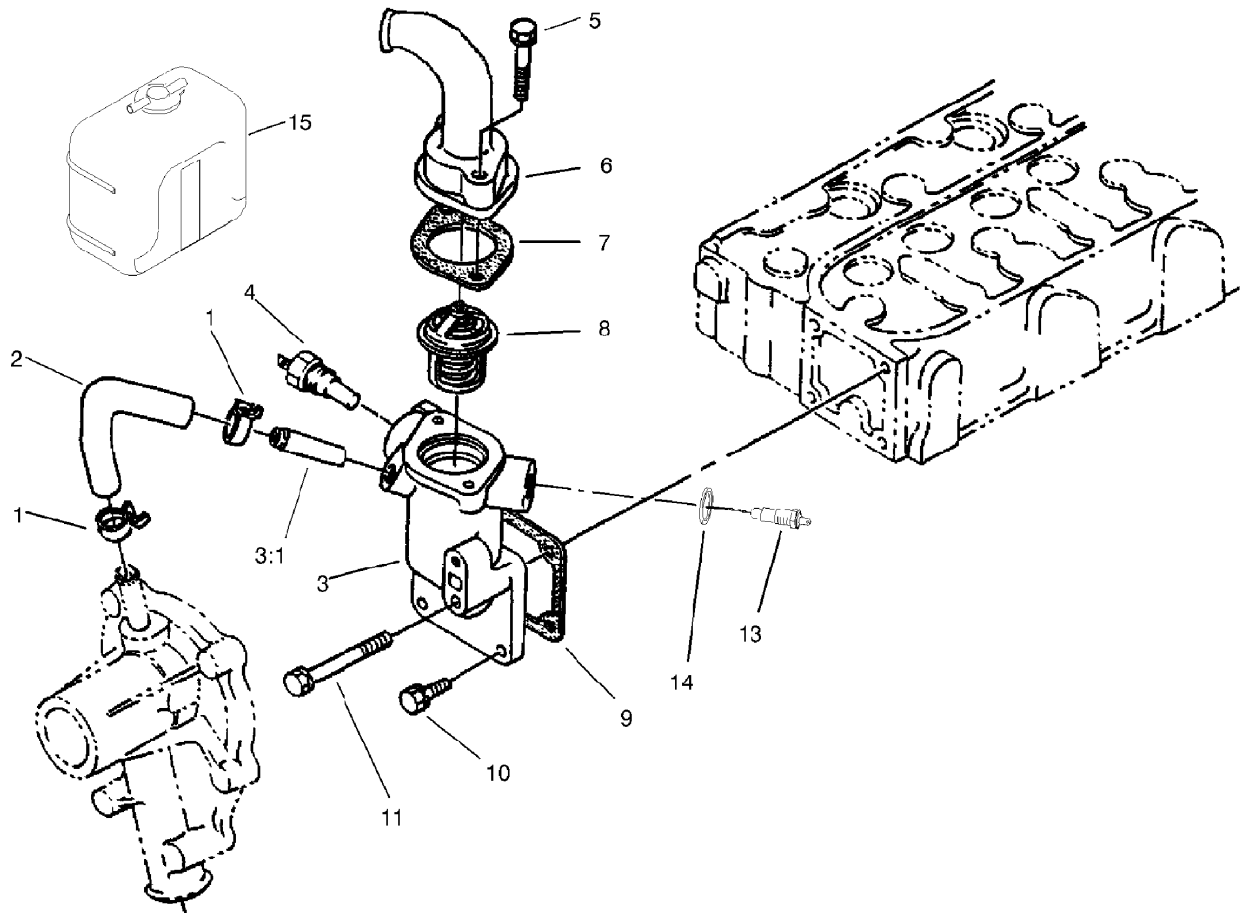
Starter Mount Assembly

Ref	Part No.	Qty.	Description
1	98-7697	2	Bolt
2	98-9705	1	Starter ASM



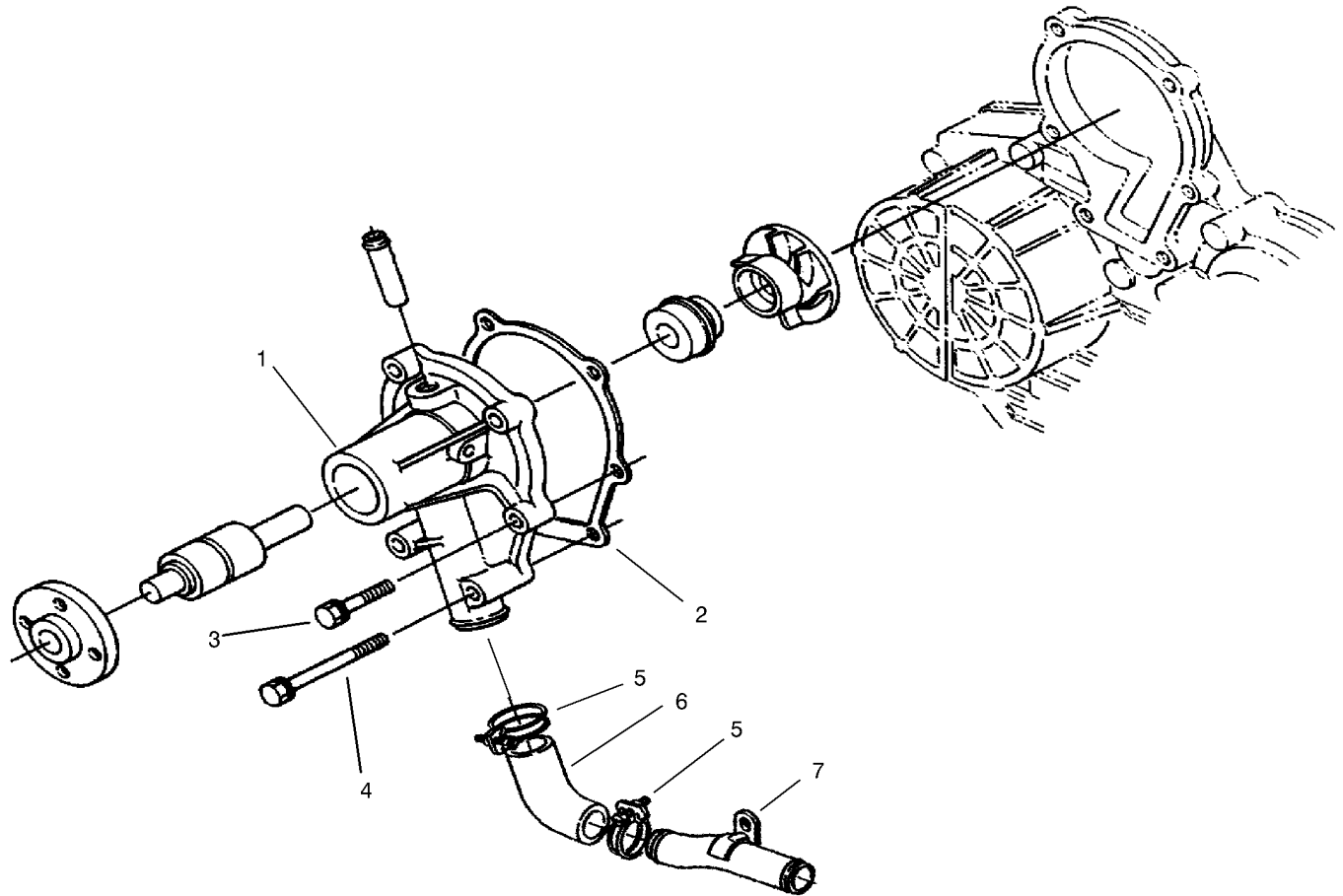
Starter Assembly No. 98-9705

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
3	98-7742	1	Armature ASM	26	98-7759	1	Pipe-Drain
3:1	98-7743	1	Bearing				
3:2	98-7744	1	Bearing				
5	98-7741	1	Yoke ASM				
7	98-7749	1	Brush Holder ASM				
7:1	98-7750	4	Spring-Brush				
8	99-8370	1	Frame-End				
9	98-9549	2	Bolt				
10	98-7758	2	Bolt ASM				
11	98-9712	1	Band-Cover				
12	99-8371	1	Nut-Hex				
13	98-9711	1	Cord-Solenoid, Stop				
14	99-8372	1	Magnetic Switch ASM				
15	98-7754	1	Spring				
16	98-7755	1	Ball				
17	99-8373	1	Clutch-Running, Over				
18	98-7756	2	Bolt				
19	99-8374	1	Frame-End, Drive				
20	98-7752	1	Retainer				
21	98-7753	5	Roller				
22	98-7751	1	Gear				
23	99-8375	1	Cover				
24	98-7757	2	O-Ring				
25	99-8376	1	Nut-Hex				



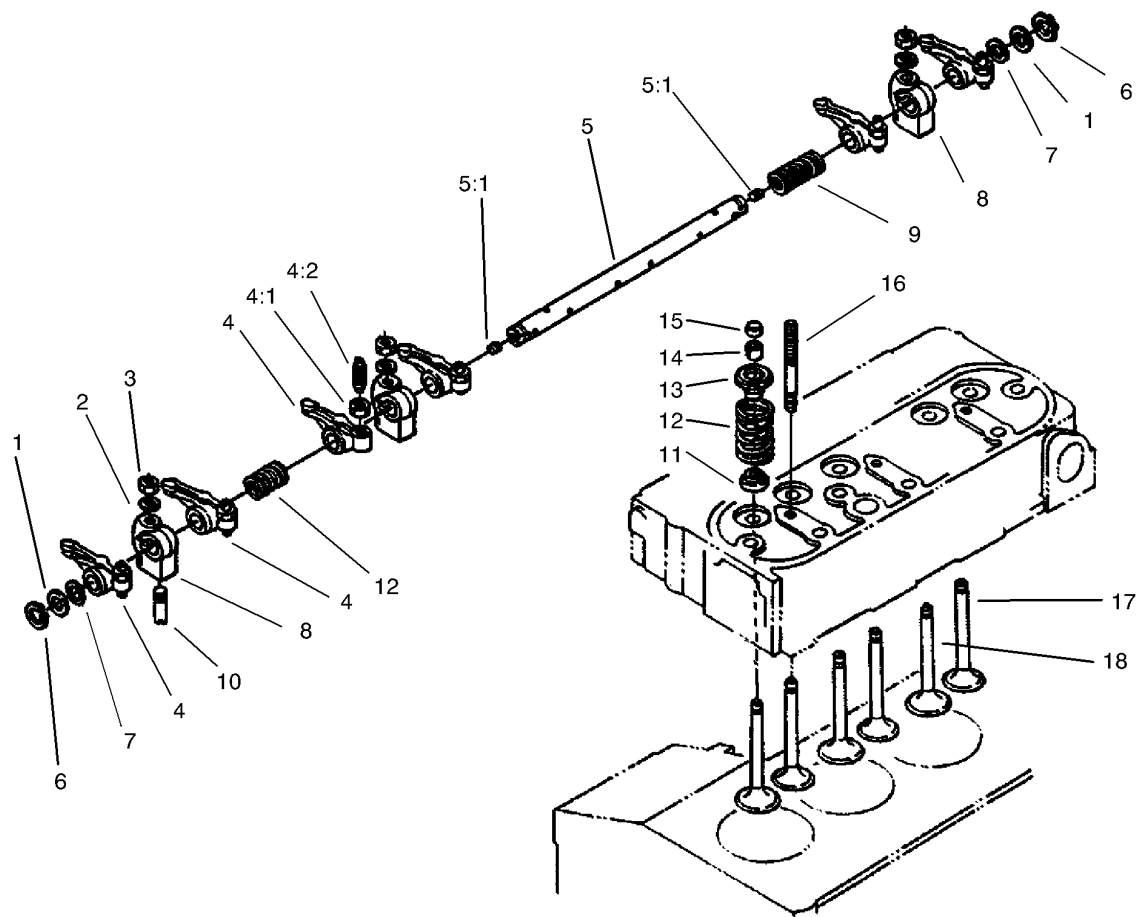
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description				
1	98-9579	2	Band-Pipe				
2	98-9578	1	Pipe-Return, Water				
3	98-9713	1	Water Flange ASM				
3:1	98-9580	1	Pipe-Return, Water				
4	98-9719	1	Thermoswitch				
5	98-7777	2	Bolt				
6	104-4804	1	Outlet-Water				
7	98-7776	1	Gasket				
8	98-7778	1	Thermostat ASM				
9	98-9638	1	Gasket-Flange, Water				
10	98-7692	3	Bolt				
11	98-9356	1	Bolt				
13	106-7772	1	Thermoswitch				
14	99-3583	1	Packing				
15	104-9318	1	Bottle-Overflow				



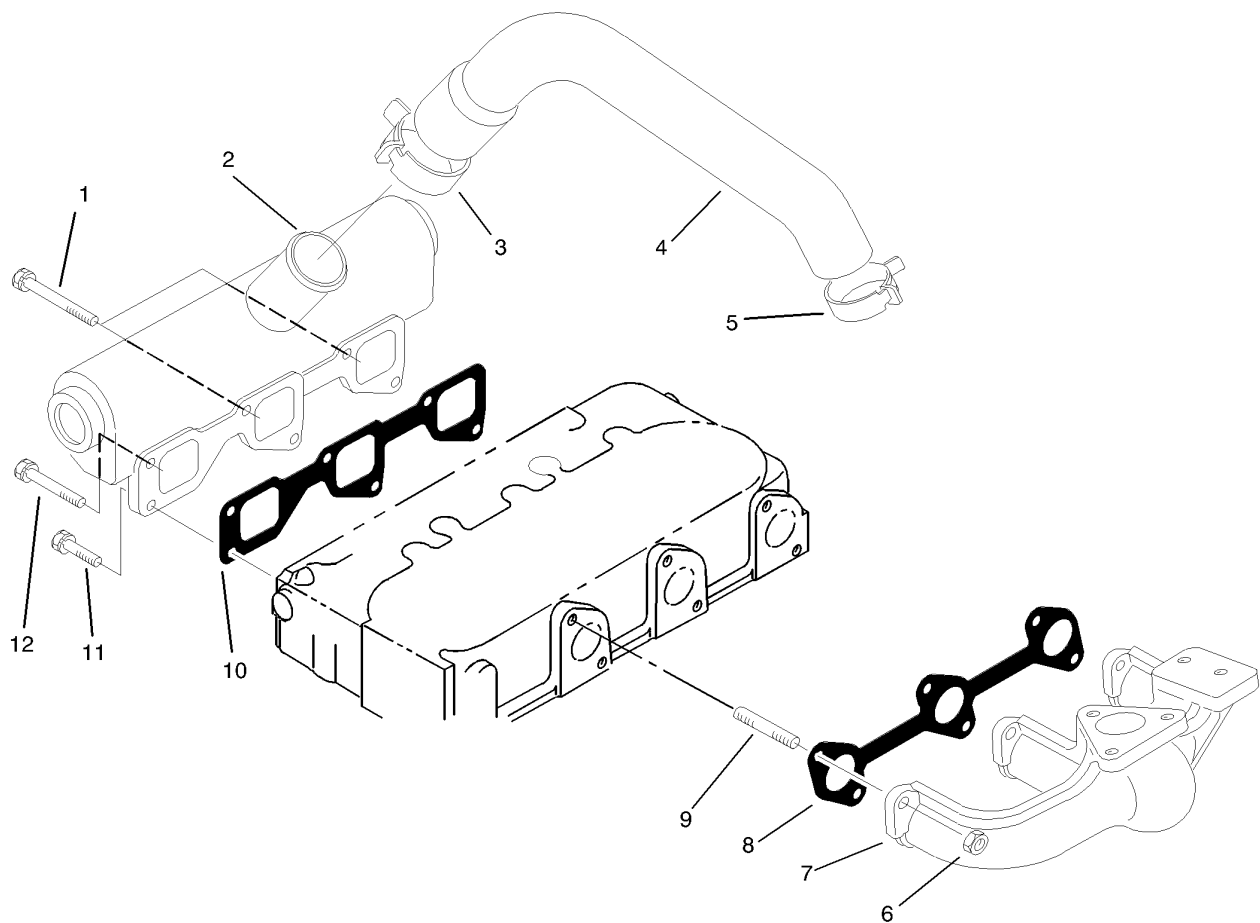
Water Pump Assembly

Ref	Part No.	Qty.	Description				
1	104-4885	1	Water Pump ASM				
2	99-3454	1	Gasket-Pump, Water				
3	33103-030	1	Screw-HHF				
4	98-9357	4	Bolt				
5	98-9717	2	Clamp				
6	98-9574	1	Pipe-Water				
7	99-8379	1	Pipe-Water				



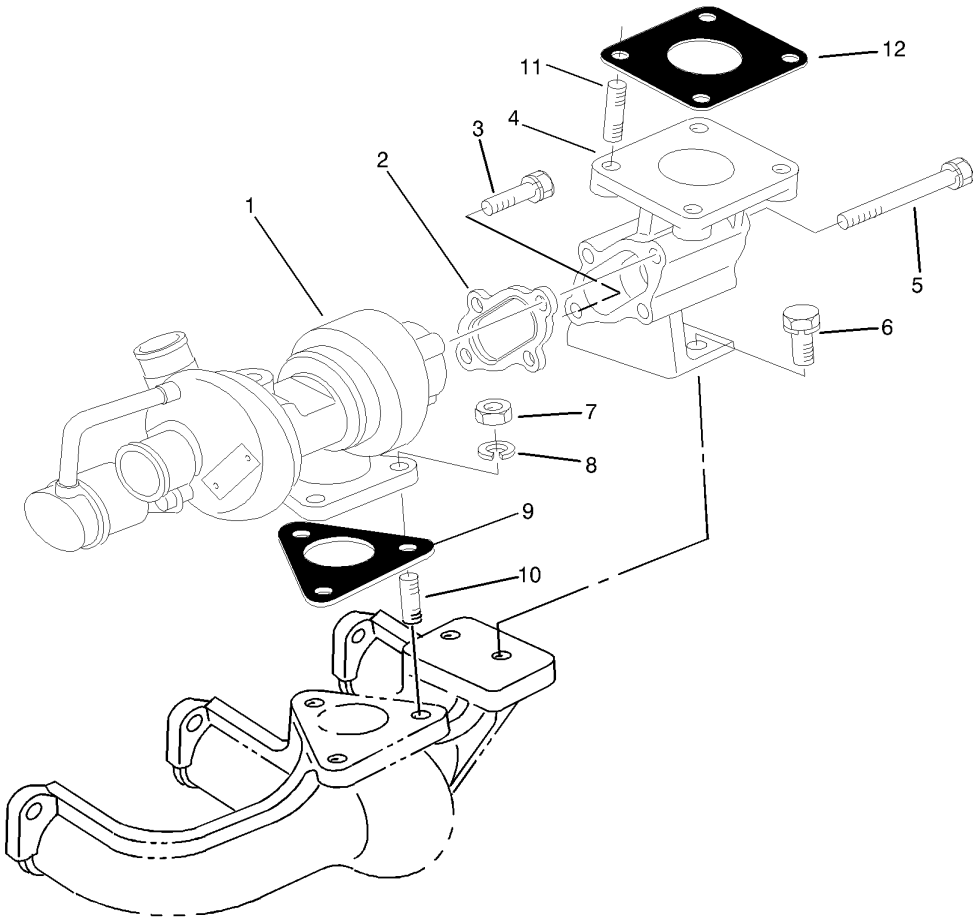
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
1	98-9508	2	Washer-Shaft, R-Arm				
2	98-9385	3	Washer-Flat				
3	98-9393	3	Nut				
4	98-9501	6	Rocker Arm ASM				
4:1	98-9503	6	Nut				
4:2	98-9502	6	Screw-Adjusting				
5	98-9612	1	R-Arm Shaft ASM				
5:1	98-9365	2	Screw-Set				
6	98-9370	2	Clip-Circular, External				
7	98-9507	2	Washer-Shaft, R-Arm				
8	98-9505	3	Bracket-Arm, Rocker				
9	98-9504	2	Spring-Arm, Rocker				
10	98-9391	1	Screw-Set, Rocker Arm				
11	98-9496	6	Seat-Stem, Valve				
12	98-9626	6	Spring-Valve				
13	98-9498	6	Retainer-Valve				
14	98-9390	6	Collet-Set, Valve Spring				
15	98-9497	6	Cap-Valve				
16	98-9506	3	Stud				
17	98-9625	3	Valve-Exhaust				
18	98-9494	3	Valve-Inlet				



Exhaust Manifold and Gasket Assembly

Ref	Part No.	Qty.	Description				
1	99-8320	2	Bolt				
2	99-8321	1	Manifold-Inlet				
3	99-8322	1	Band-Pipe				
4	99-8323	1	Hose-Inlet				
5	99-8324	1	Band-Pipe				
6	98-9665	6	Nut				
7	99-8326	1	Manifold-Exhaust				
8	99-8327	1	Gasket-Manifold, Exhaust				
9	98-9588	6	Stud				
10	99-8329	1	Gasket-Manifold, Intake				
11	98-7568	3	Bolt				
12	98-7496	1	Bolt				



Turbo Charge Assembly

Ref	Part No.	Qty.	Description				
1	99-8332	1	Turbo Charger ASM				
2	99-8333	1	Gasket				
3	99-8334	1	Bolt				
4	99-8335	1	Flange-Muffler				
5	99-8336	3	Bolt				
6	100-2562	2	Bolt				
7	98-7534	3	Nut				
8	3253-4	3	Washer-Lock				
9	99-8340	1	Gasket				
10	99-8342	3	Stud				
11	99-8342	4	Stud				
12	99-8343	1	Gasket-Muffler				

