Form Number 3350-416

Reelmaster® 5500-D

4-Wheel Drive

Model No. 03551 - 230000501 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
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
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
HS. . . . . hex
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
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
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
WH. . . . . wing head

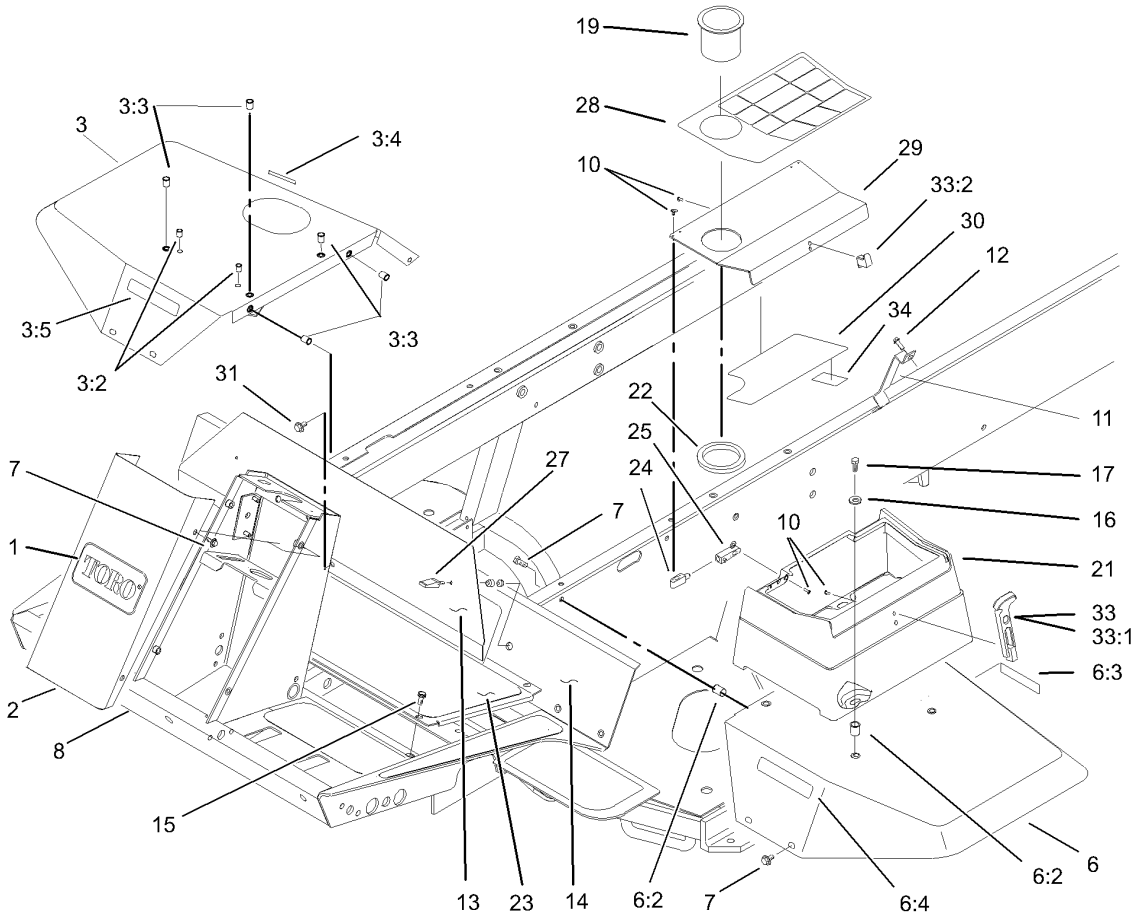
Footnotes

❶ Not illustrated

❷ Not serviced separately

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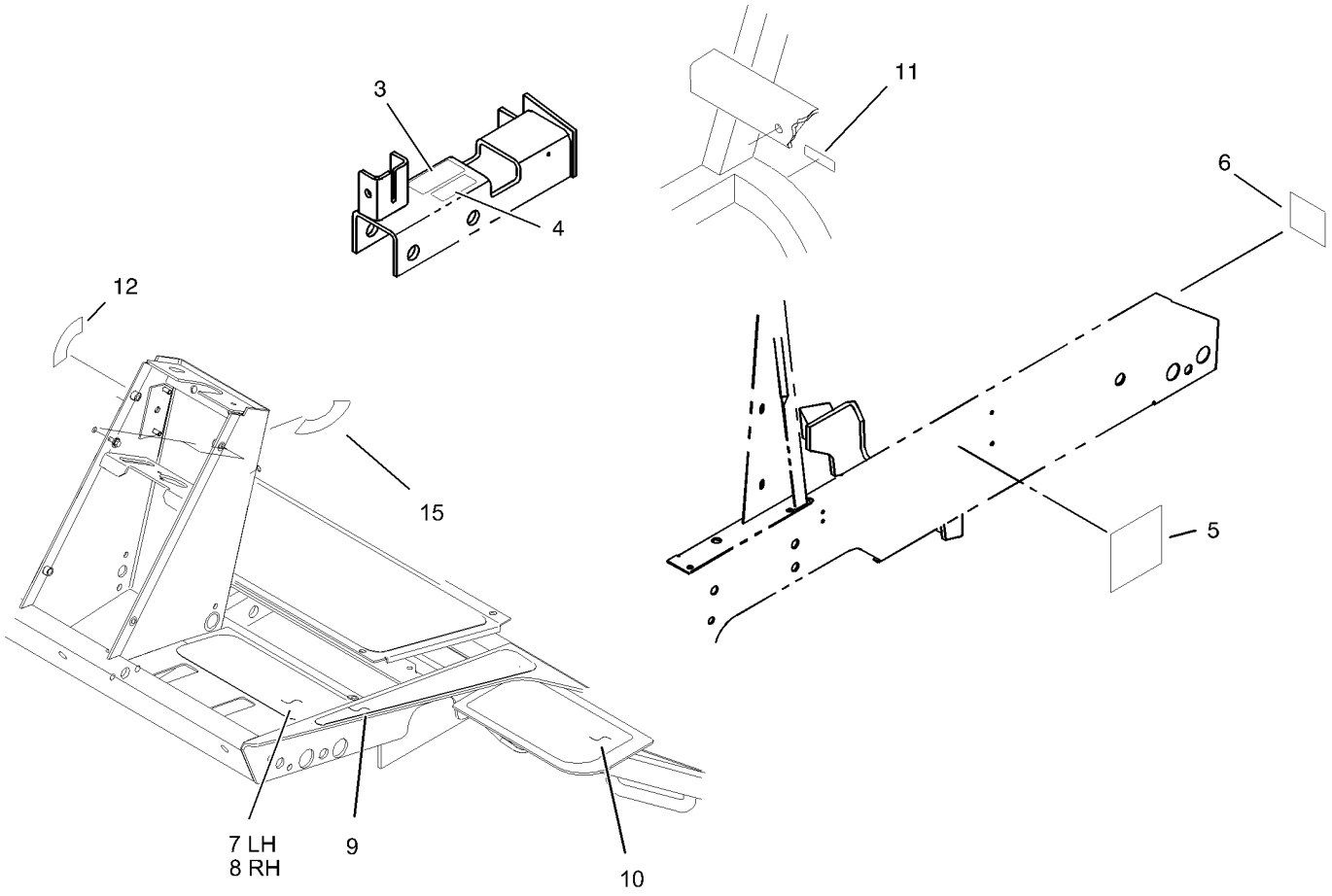
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Frame and Body Assembly

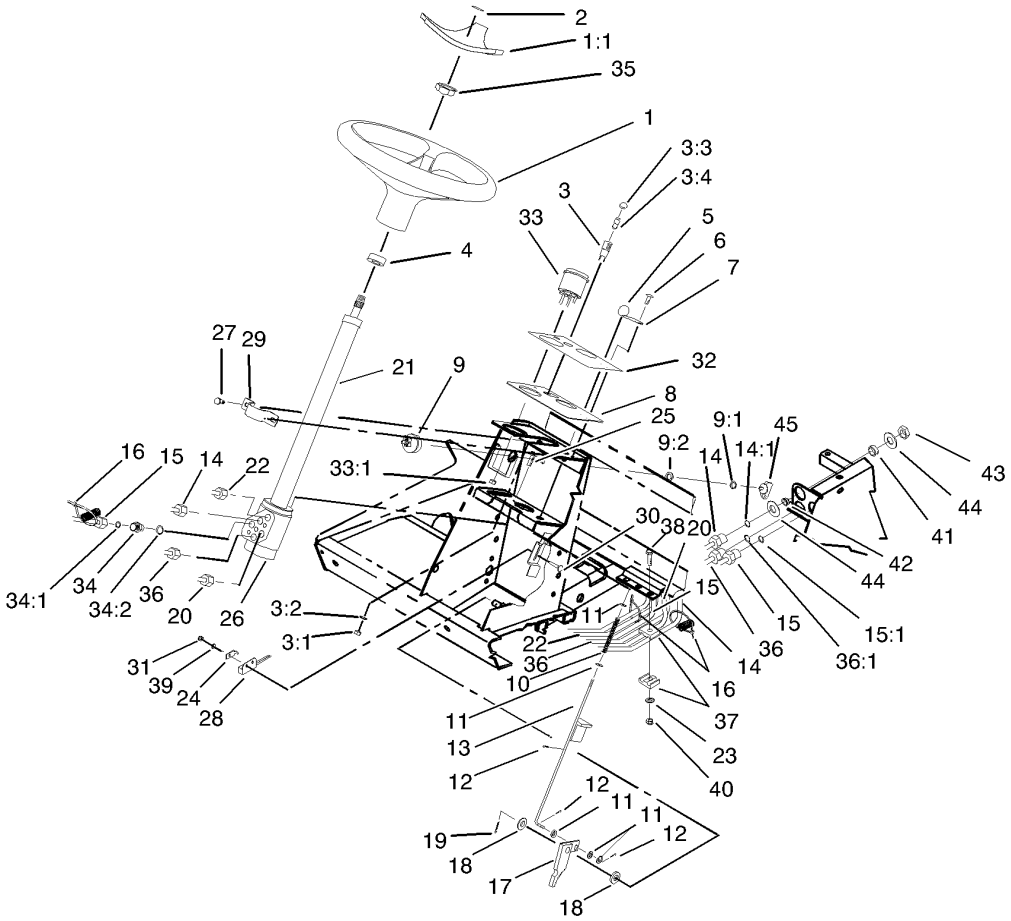
Ref	Part No.	Qty.	Description
1	62-5550	1	Decal-Logo
2	93-7996-01	1	Cover-Tower
3	106-5950	1	RH Fender ASM
3:2	32148-6	2	Insert-Nut
3:3	32148-7	5	Insert-Nut
3:4	93-6686	1	Decal-Oil, HYD
3:5	93-6689	1	Decal-No Riders
6	106-5951	1	LH Fender ASM
6:2	32148-7	6	Insert-Nut
6:3	93-6680	1	Decal-Diesel
6:4	93-6689	1	Decal-No Riders
7	3234-14	14	Screw-HHF
8	107-2385	1	Frame ASM
10	32144-1	11	Screw-Taptite
11	98-4572	1	Bracket-Clamp, Hose
12	32144-14	2	Screw-HWH
13	75-1390-01	1	Cover-Access, Front
14	75-1410-01	1	Plate-Access, Floor
15	75-6840	4	Knob-Knurled
❶15	3234-7	1	Screw-HHF
16	3256-3	4	Washer-Flat
17	322-5	4	Screw-HH
19	94-1410	1	Holder-Can, Beverage
21	104-0026	1	Toolbox

Ref	Part No.	Qty.	Description
22	104-1476	1	Ring-Rubber
23	75-0630	1	Tread-Foot, Center
24	104-1496	2	Hinge-Pin
25	104-1497	2	Hinge-Receiver
27	74-5950	2	Latch-Swell
28	104-9294	1	Decal-Warning
28	104-9295	1	Decal-Warning, Ce
29	104-1489-03	1	Cover-Toolbox
30	105-7515	1	Decal-Service
30	104-1434	1	Decal-Service, Blank
31	3234-5	1	Screw
33	94-5626	1	Latch-Draw, Flexible
33:1	100-5806	1	Handle-Latch
33:2	100-5807	1	Keeper-Latch
34	105-7527	1	Decal-Numbers, Filter



Frame Assembly No. 107-2385

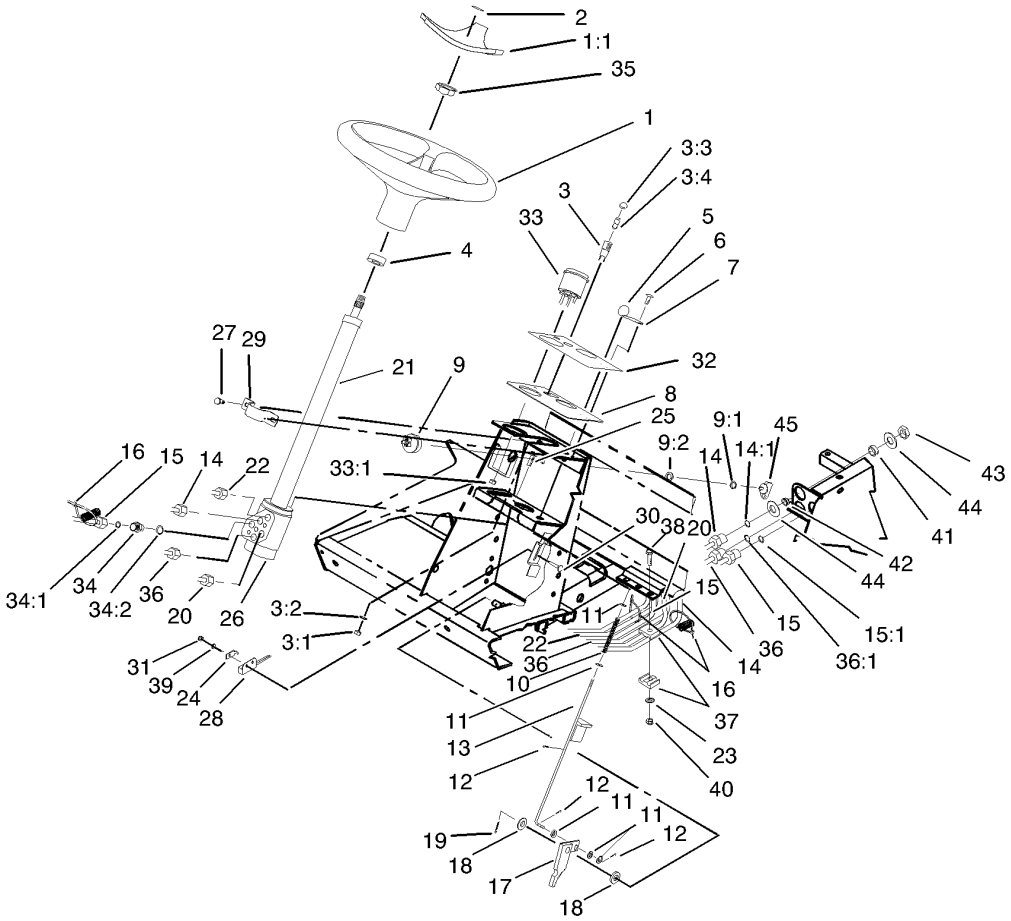
Ref	Part No.	Qty.	Description
3	93-6693	1	Decal-Plate, Floor
4	93-6686	1	Decal-Oil, HYD
5	104-0049	2	Cover-Rail, Side
6	62-7400	1	Decal
7	75-0620	1	Tread-Foot, LH
8	75-0610	1	Tread-Foot, RH
9	93-7592	2	Tread-Rest, Foot
10	104-0048	1	Tread-Step
11	93-6691	1	Decal-Bolt, Eccentric
12	93-6699	1	Decal-Fast/slow
15	105-7506	1	Decal-Switch, Key



Steering Tower Assembly

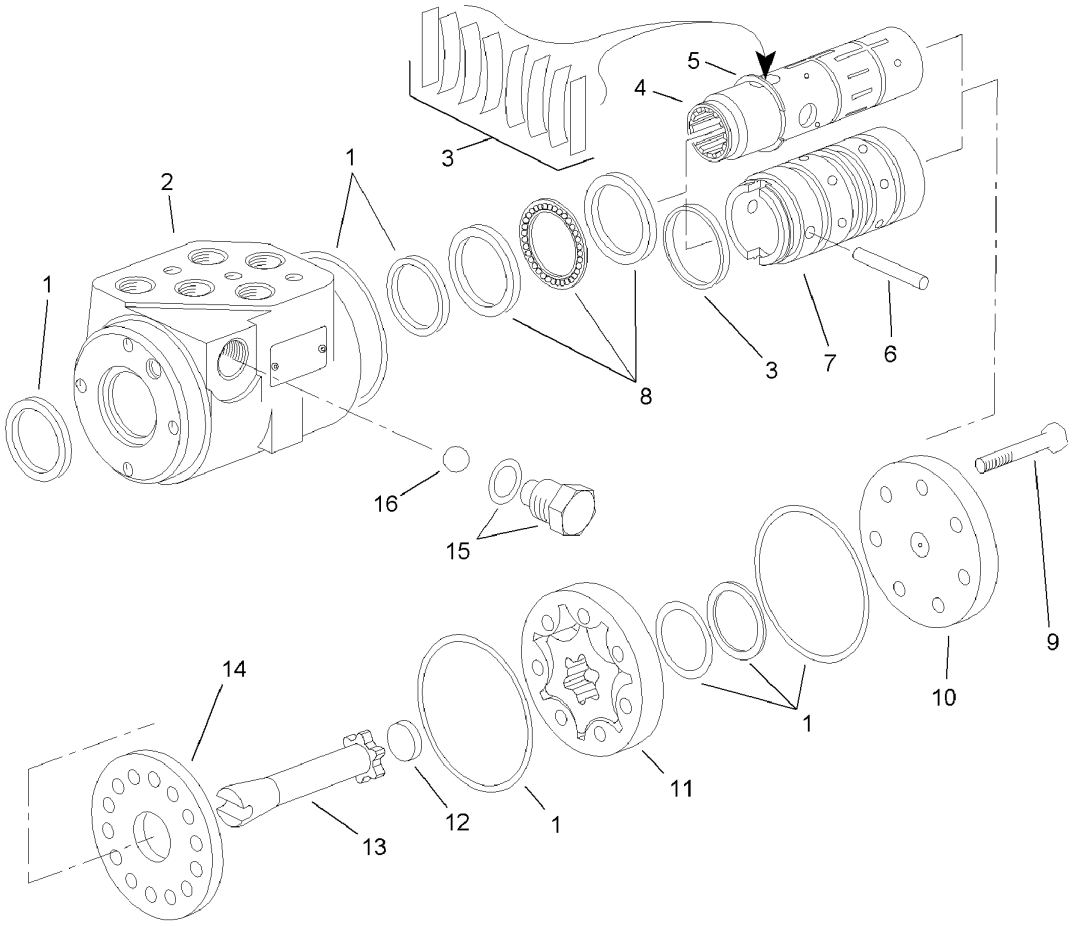
Ref	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	98-1459	1	Decal
3	44-2210	1	Light-Indicator, Red
3:1	218-535	1	Nut-Hex
3:2	218-536	1	Washer-Lock
3:3	218-533	1	Lens
❷3:4		1	Bulb
4	21-9260	1	Cover-Dust
5	233-17	1	Knob
6	87-6620	2	Screw
7	3256-1	2	Washer-Flat
8	93-7998-03	1	Plate-Instrument
9	104-2541	1	Switch-Key
9:1	218-461	1	Nut-HH
9:2	3254-5	1	Washer-Tooth
10	95-1821-03	1	Spring-Compression
11	3256-22	5	Washer-Flat
12	3272-5	3	Pin-Cotter
13	104-1492	1	Rod ASM
14	98-3912	1	Tube ASM
14:1	237-22	1	O-Ring
15	98-3910	1	Tube ASM
15:1	237-22	1	O-Ring

Ref	Part No.	Qty.	Description
16	3290-378	3	Tie-Cable
17	63-7900-03	1	Rack ASM
18	3256-26	2	Washer-Flat
19	3272-10	1	Pin-Cotter
20	98-3908	1	Tube ASM
21	94-9951	1	Column-Steering
22	98-3909	1	Tube ASM
23	3256-23	3	Washer-Flat
24	100-4872	1	Plate-Switch, Neutral
25	33103-020	3	Screw-HHF
26	99-8959	1	Control-Steering
27	32144-11	2	Screw-TAP
28	100-1270	1	Switch-Proximity
29	75-2810	1	Bracket-Column, Steering
30	104-1450	1	Bolt-CARR
31	3296-2	1	Nut-Lock
32	93-1263	1	Decal-Tower
33	104-9324	1	Speedometer
33:1	3296-1	4	Nut-Lock, NI
34	340-2	5	Fitting-Hyd, Straight
34:1	237-22	1	O-Ring
34:2	237-42	1	O-Ring
35	94-9952	1	Nut-Hex
36	98-3911	1	Tube ASM



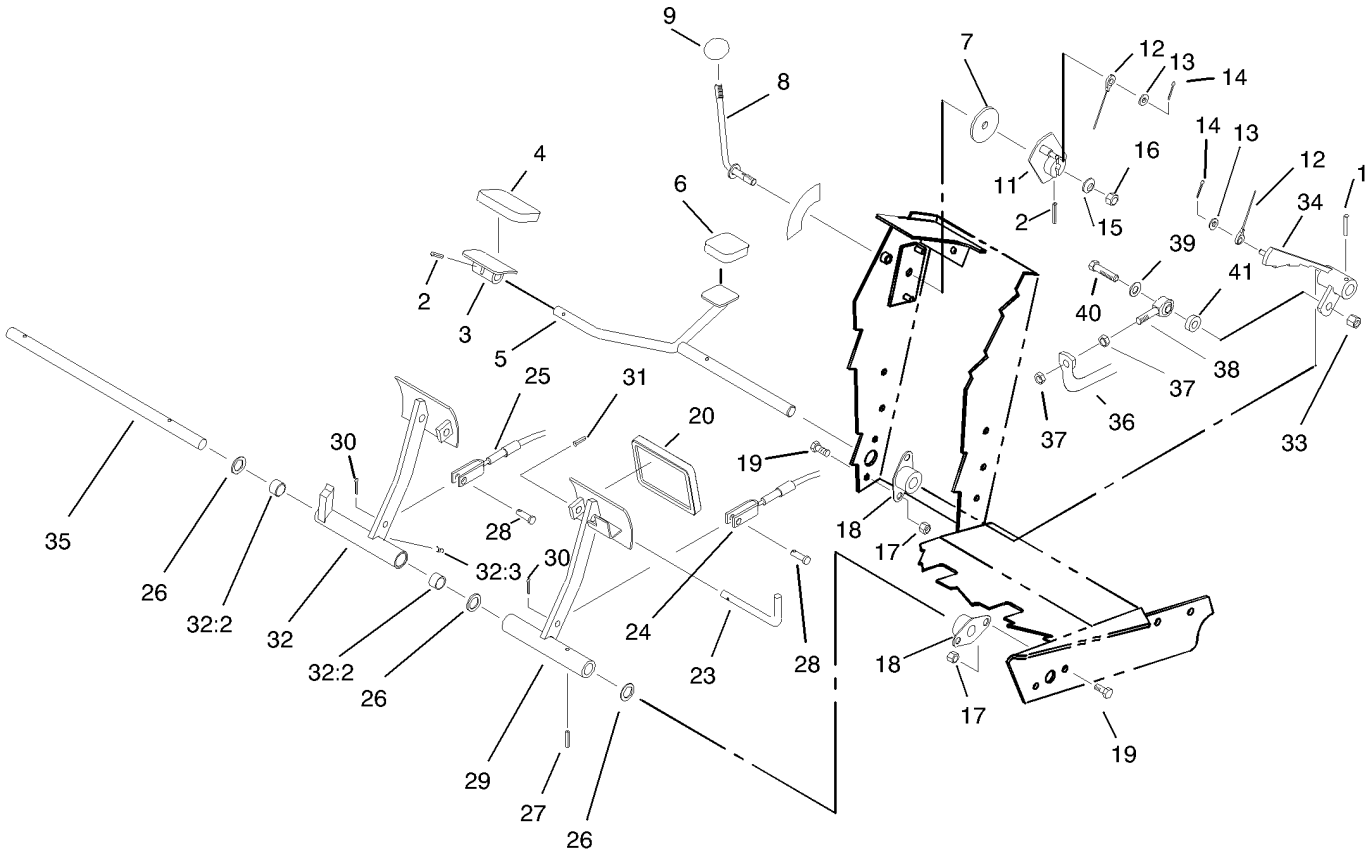
Steering Tower Assembly (continued)

Ref	Part No.	Qty.	Description
36:1	237-22	1	O-Ring
37	56-7973	6	Clamp-Tube
38	322-7	3	Screw-HH
39	3256-14	1	Washer-Flat
40	3296-29	3	Nut-Lock, NI
41	69-8970	3	Spacer
42	240-4	3	Grommet-Rubber
43	340-70	3	Nut-Lock
44	69-8940	6	Washer
45	63-8360	1	Key-Ignition



Steering Control Assembly No. 105-3315

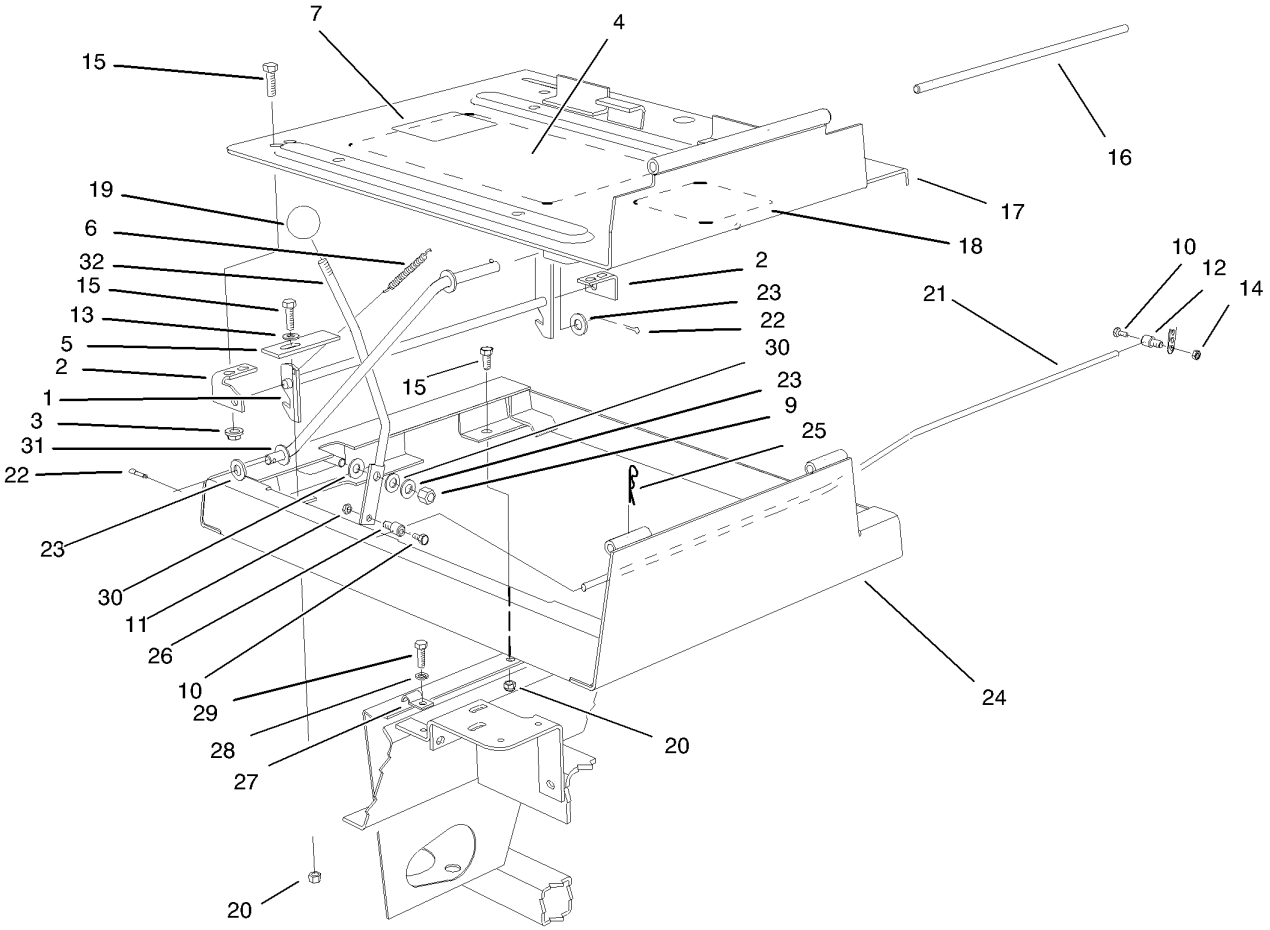
Ref	Part No.	Qty.	Description
1	94-4099	1	Seal Kit
❷2		1	Housing
3	94-4095	1	Centering Spring Kit
❷4		1	Spool
5	94-4098	1	Ring-Retaining
6	94-4094	1	Pin
❷7		1	Sleeve
8	94-4096	1	Bearing Kit
9	94-4088	7	Screw-Cap
10	94-4089	1	Cap-End
11	94-4090	1	Gerotor
12	94-4091	1	Spacer
13	94-4093	1	Drive
14	94-4092	1	Plate-Wear
15	94-4097	1	Plug ASM
16	94-4100	1	Ball



Traction and Brake Pedals Assembly

Ref	Part No.	Qty.	Description
1	32121-6	1	Pin-Roll
2	32121-45	2	Pin-Spring
3	49-6440-03	1	Pedal-Forward
4	74-9100	1	Pad-Pedal, Forward
5	75-2970	1	Pedal-Traction
6	74-9110	1	Pad-Pedal, Reverse
7	75-6550	1	Disc-Friction
8	75-6490	1	Lever
9	233-42	1	Knob
11	75-6510	1	Bracket-Lever
12	75-6580	1	Cable-Pedal
13	3256-22	2	Washer-Flat
14	3272-2	2	Pin-Cotter
15	3290-461	1	Washer-Spring
16	3296-59	1	Nut-Lock, NI
17	3296-29	8	Nut-Lock, NI
18	256-236	4	Bearing-Mount, Flange
19	322-3	8	Screw-HH
20	93-8742	2	Footpad-Brake
23	63-7880	1	Pin-Latch, Brake
24	63-7733	1	LH Brake Cable ASM
25	63-7732	1	RH Brake Cable ASM
26	3256-69	3	Washer-Flat
27	32121-16	1	Pin-Spring

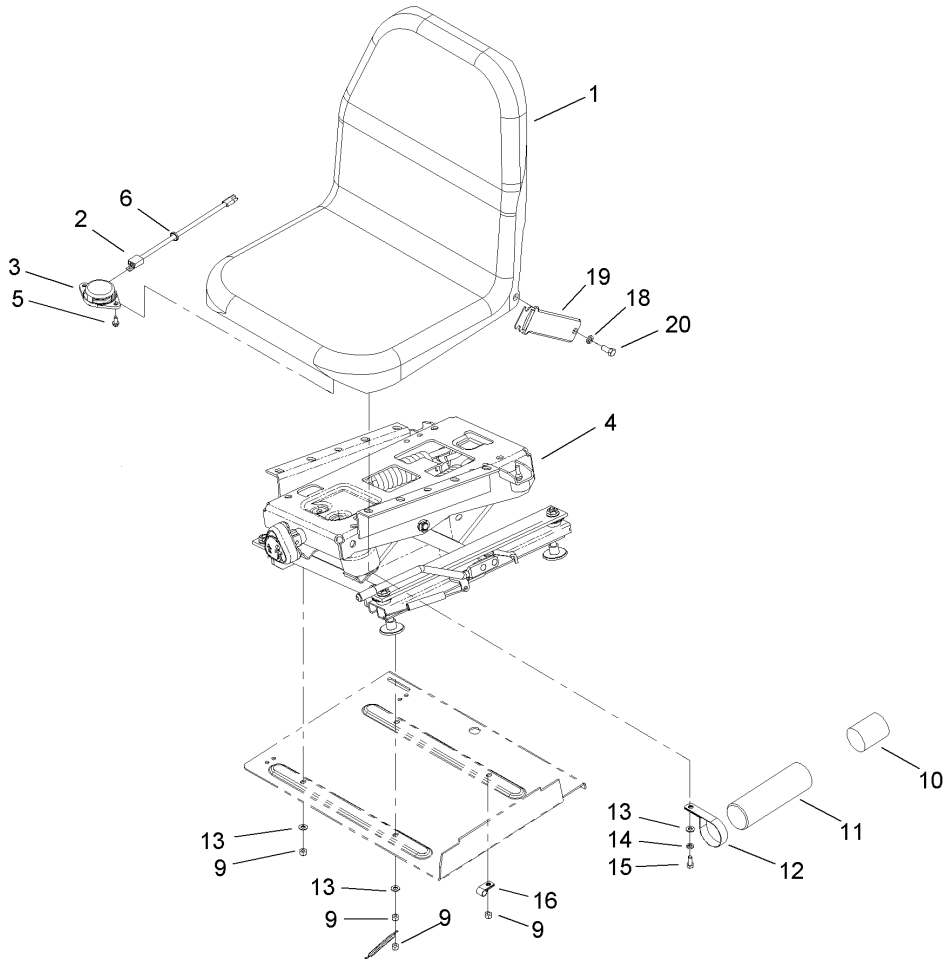
Ref	Part No.	Qty.	Description
28	283-58	2	Pin-Clevis
29	75-1440-03	1	Pedal-Brake, LH
30	3272-10	2	Pin-Cotter
31	32121-50	1	Pin-Spring
32	75-1430	1	Pedal-Brake, RH
32:2	256-42	2	Bushing
32:3	302-5	1	Fitting-Grease
33	3296-39	1	Nut-Lock, NI
34	75-3270-03	1	Hub-Pivot, Traction
35	75-1470	1	Pin-Pivot, Brake
36	75-2170-03	1	Tube-Control, Pump
37	3220-3	2	Nut-Jam
38	2411-36	1	Bearing-End, Rod
39	3256-24	1	Washer-Flat
40	323-9	1	Screw-HH
41	5-0652	1	Spacer



Seat Frame and Throttle Assembly

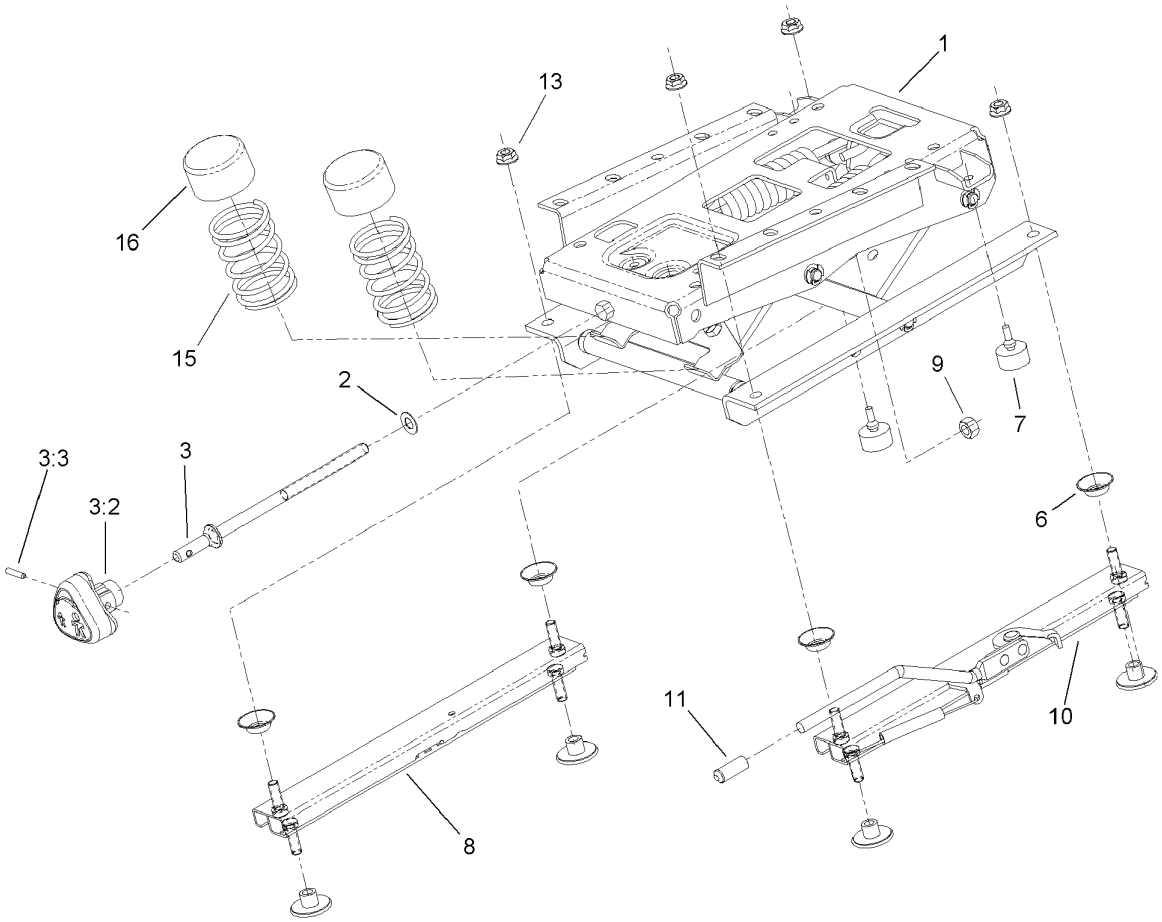
Ref	Part No.	Qty.	Description
1	98-2354-03	1	Latch-Seat
2	98-2353	2	Bracket-Latch, Seat
3	32128-25	4	Nut-Flange
4	105-7528	1	Decal-Information, Solenoid
5	98-9302	1	Plate-Stop, Idler
6	66-4190-03	1	Spring-Idler, Clutch
7	105-4674	1	Decal-Noise, Ce
9	3296-39	1	Nut-Lock, NI
10	25-8640	2	Screw-HH
11	3296-3	1	Nut-Lock, NI
12	98-9311	1	Swivel-Throttle
13	3256-23	1	Washer-Flat
14	3296-20	1	Nut-Lock, NI
15	322-3	8	Screw-HH
16	75-3400	1	Shaft-Pivot, Seat
17	98-2350-03	1	Plate-Seat
18	106-9224	1	Decal-Danger
19	233-42	1	Knob
20	3296-29	4	Nut-Lock, NI
21	98-3926	1	Cable-Throttle
22	3272-10	2	Pin-Cotter
23	3256-24	3	Washer-Flat
24	98-2352-03	1	Frame-Seat
25	3290-467	1	Pin-Hair

Ref	Part No.	Qty.	Description
26	93-0021	1	Swivel-Cable, Throttle
27	3-6657	1	Clip-Skid
28	3253-3	1	Washer-Lock
29	321-4	1	Screw-HH
30	66-2920	2	Washer-Friction
31	75-3680-03	1	Rod-Seat
32	75-3430-03	1	Lever-Throttle



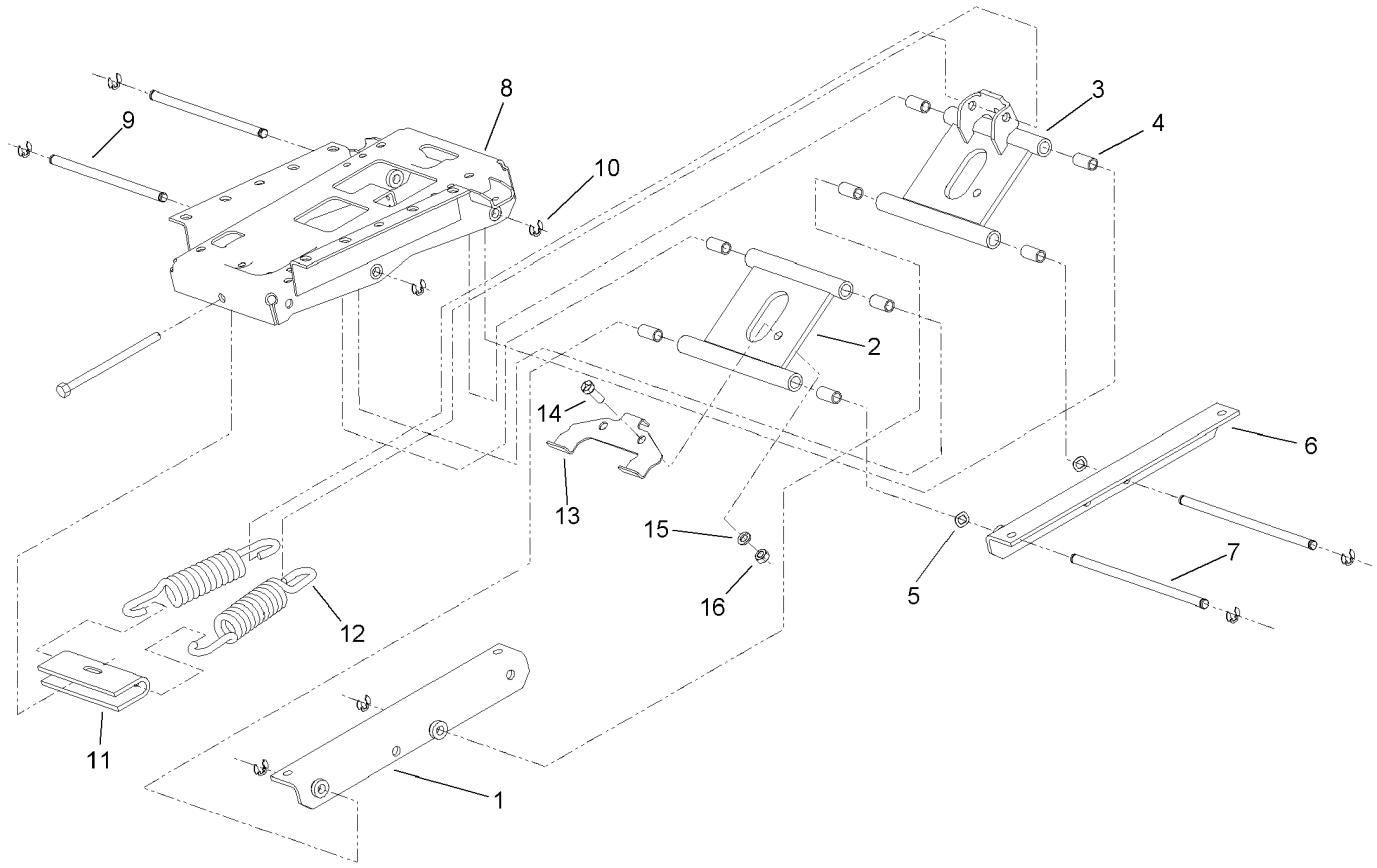
Seat and Suspension Assembly

Ref	Part No.	Qty.	Description
1	104-4620	1	Seat-Olympic, Toro
2	106-7090	1	Harness-Wire, Seat Switch
3	92-6282	1	Switch-Seat
4	76-1970	1	Seat Suspension ASM
5	32144-10	2	Screw-HWH
6	93-0140	1	Grommet-Rubber
9	3296-29	5	Nut-Lock, NI
10	104-7048	1	Cap-Housing
11	104-7050	1	Housing-Manual
12	2412-133	2	R-Clamp
13	3256-23	8	Washer-Flat
14	3253-4	4	Washer-Lock
15	322-3	4	Screw-HH
16	2412-93	1	Clamp-R
18	3253-6	2	Washer-Lock
19	21-4191	1	Seat Belt ASM
20	3212-4	2	Screw-HH



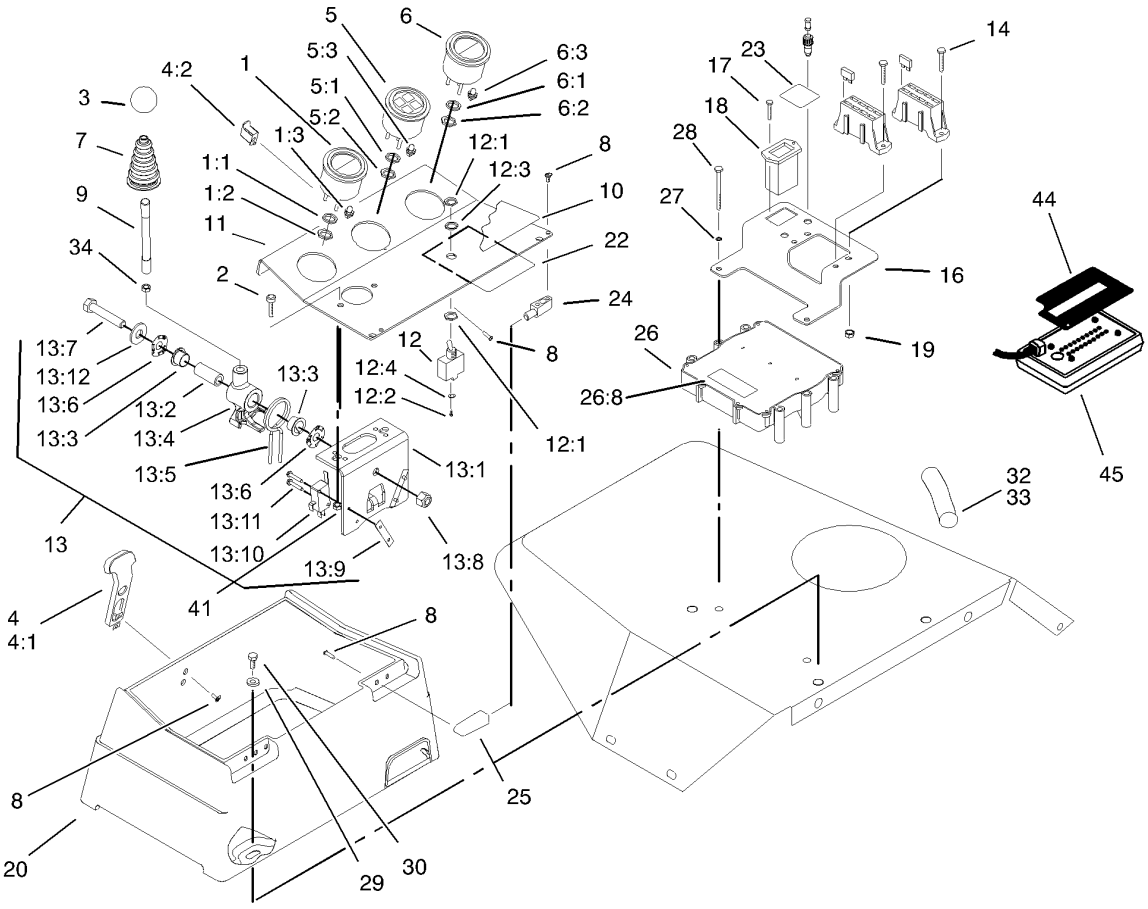
Seat Suspension Assembly No. 76-1970

Ref	Part No.	Qty.	Description
1	106-8085	1	Suspension ASM
2	3256-24	1	Washer-Flat
3	106-1031	1	Tension Adjuster Knob ASM
3:2	106-8093	1	Knob-Adjust, Tension
3:3	32121-45	1	Pin-Spring
6	66-9290	4	Spacer-Suspension
7	76-2940	2	Bumper
8	66-8530	1	Adjuster
9	32153-2	1	Nut-Lock
10	66-8510	1	Adjuster W/handle
11	75-3570	1	Tip-Vinyl
13	32128-25	4	Nut-Flange
15	93-3163	2	Spring
16	93-3164	2	Cap



Suspension Assembly No. 106-8085

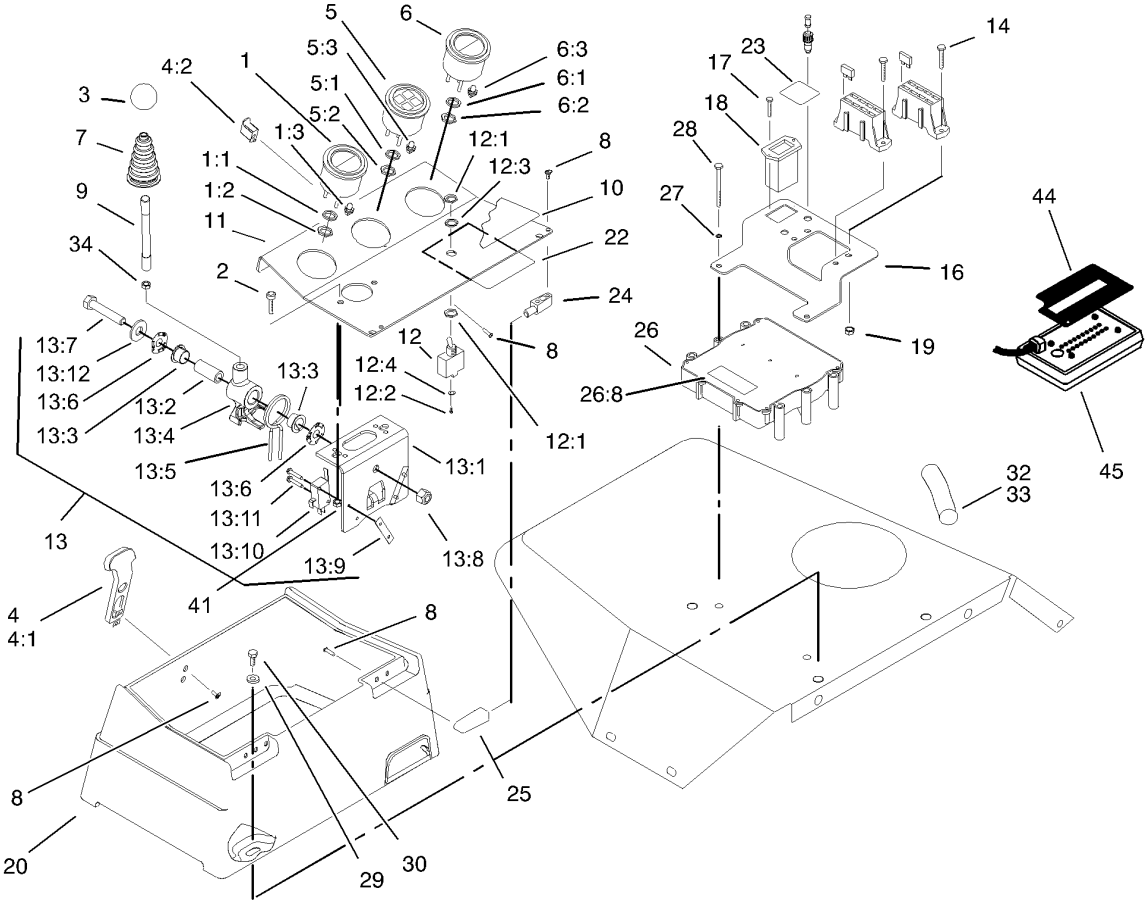
Ref	Part No.	Qty.	Description
1	106-8086	1	Bracket-Mounting, RH
2	106-8087	1	Arm
3	106-8088	1	Bellcrank
4	76-1920	8	Sleeve-Bearing
5	108472	2	Washer-Wave
6	106-8089	1	Mounting Bracket, LH
7	106-8090	2	Shaft-Pivot
8	66-8600	1	Frame-Upper
9	76-1910	2	Shaft-Pivot
10	32151-47	8	Ring-Retaining
11	77-2870	1	Hanger-Spring
12	76-1940	2	Spring-Extension
13	93-3165	1	Bracket
14	322-6	1	Screw-HH
15	3253-33	1	Washer-Lock
16	3217-6	1	Nut-Hex



Control Console Assembly

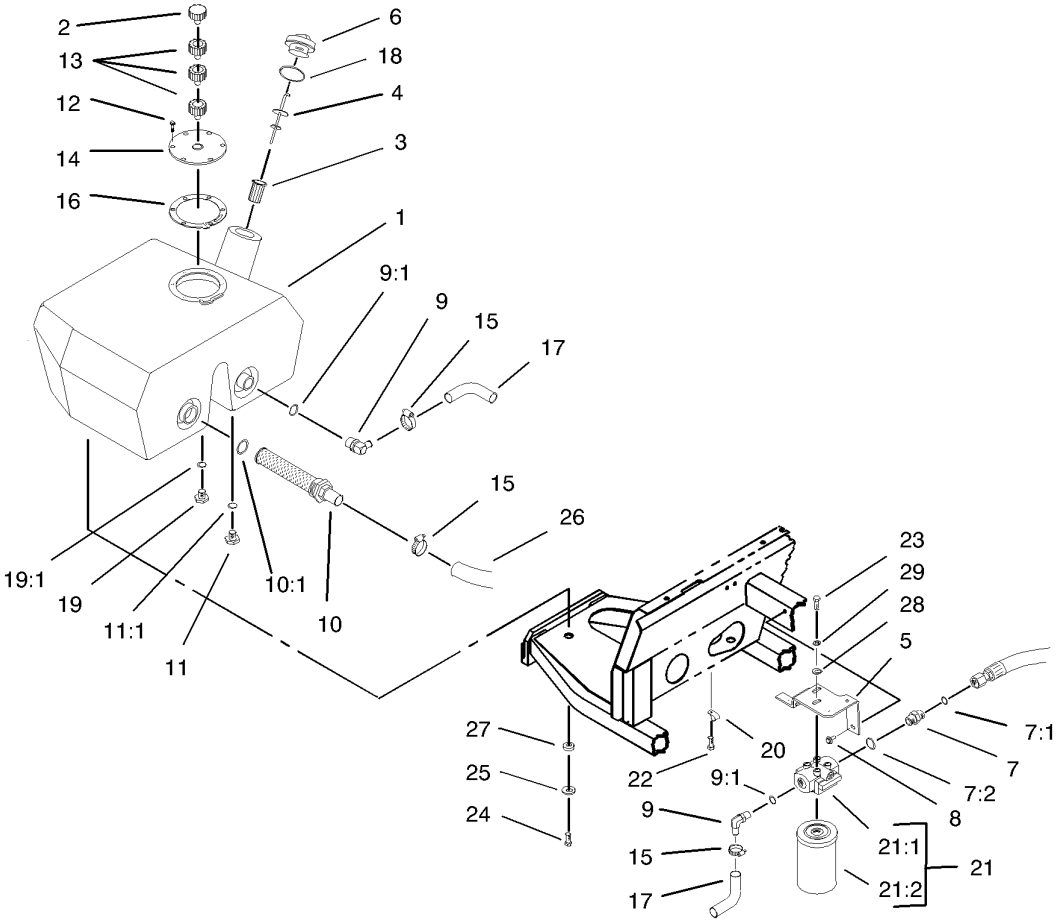
Ref	Part No.	Qty.	Description
1	98-9339	1	Gauge-Fuel
1:1	3254-1	3	Washer-Lock, Int
1:2	3217-27	3	Nut-Hex
1:3	105-9265	1	Bulb And Lamp ASM
2	3258-166	2	Screw
3	233-42	1	Knob
4	94-5626	1	Latch-Draw, Flexible
4:1	100-5806	1	Handle-Latch
4:2	100-5807	1	Keeper-Latch
5	98-9306	1	Light-Warning
5:1	3254-1	1	Washer-Lock, Int
5:2	3217-27	1	Nut-Hex
5:3	105-9264	4	Bulb And Lamp ASM
6	98-9308	1	Gauge-Temperature
6:1	3254-1	3	Washer-Lock, Int
6:2	3217-27	3	Nut-Hex
6:3	105-9265	1	Bulb And Lamp ASM
7	93-5961	1	Boot-Lever
8	32144-1	11	Screw-Taptite
9	105-7508	1	Lever-Joystick
10	104-9296	1	Decal-Control
11	104-9251-03	1	Plate-Instrument
12	99-8352	1	Switch-Backlap, Master
12:1	218-498	2	Locknut

Ref	Part No.	Qty.	Description
12:2	218-588	3	Screw
12:3	218-589	1	Nut And Lockwasher ASM
12:4	3253-19	3	Washer-Lock
13	106-4167	1	Joystick Bracket ASM
13:1	106-4168-03	1	Bracket-Joystick
13:2	106-4192	1	Spacer
13:3	93-5547	2	Bushing-Nylon
13:4	105-7507	1	Hub-Pivot, Joystick
13:5	105-8289	1	Spring-Torsion
13:6	106-4193	2	Washer-Finger, Spring
13:7	322-9	1	Screw-HH
13:8	3296-29	1	Nut-Lock, NI
13:9	3290-354	2	Nut-Speed
13:10	111332	2	Switch
13:11	147665	4	Screw-HH
13:12	3256-3	1	Washer-Flat
14	32105-13	4	Screw-SHH
16	104-1499-03	1	Bracket-Block, Fuse
17	32144-18	2	Screw-HH
18	75-6820	1	Hourmeter
19	3296-2	4	Nut-Lock
20	104-0027	1	Box-Control
22	94-6767	1	Decal-Fuses
23	104-9298	1	Decal-Controller



Control Console Assembly (continued)

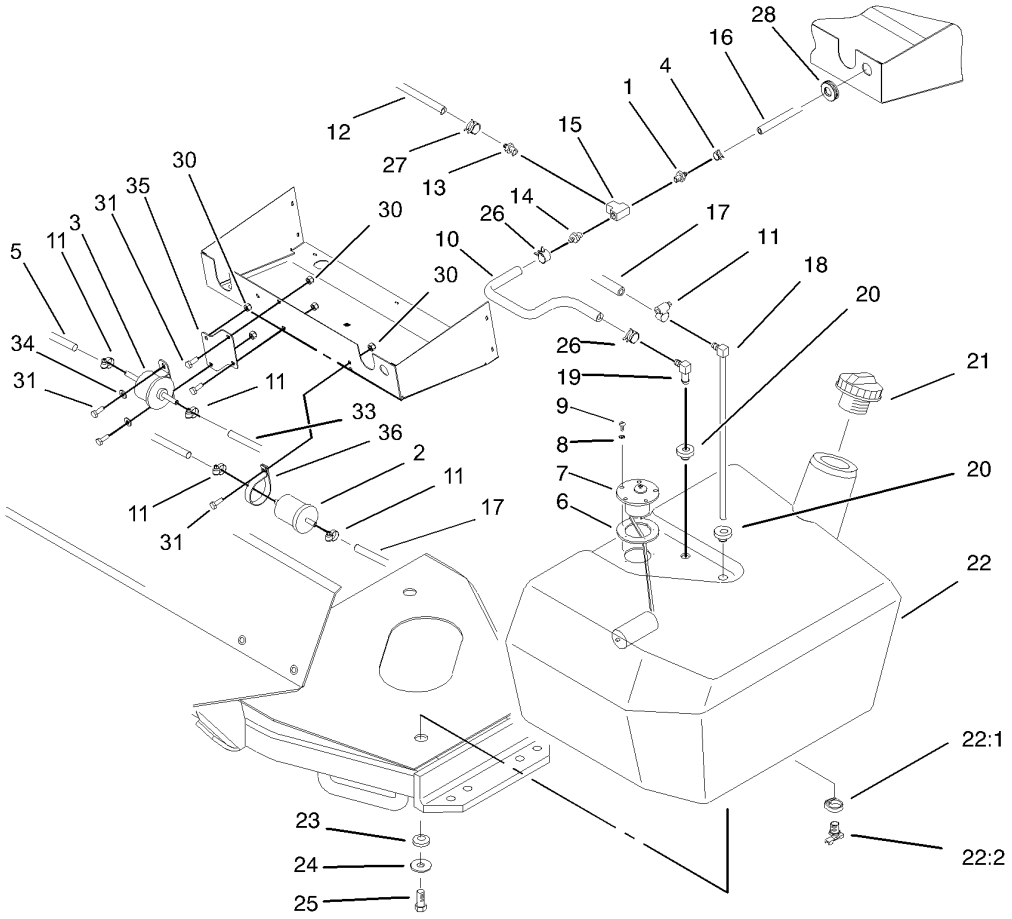
Ref	Part No.	Qty.	Description
24	104-1496	2	Hinge-Pin
25	104-1497	2	Hinge-Receiver
26	92-5720	1	Controller-Electronic
26:8	93-8053	1	Decal
27	3253-3	2	Washer-Lock
28	321-14	2	Screw-HH
29	3256-3	3	Washer-Flat
30	322-5	3	Screw-HH
32	106-5971	1	Harness-Wire
33	94-6343	1	Decal-Identification, Wire
34	3218-3	1	Nut-Jam
41	32128-33	2	Nut-HF
44	105-7529	1	Decal-Diagnostic
45	85-4750	1	Box-Display, Diagnostic



Hydraulic Filter and Reservoir Assembly

Ref	Part No.	Qty.	Description
1	104-9254	1	Tank-Oil
2	68-6150	1	Breather
3	61-2790	1	Filter-Screen
4	94-9411	1	Dipstick
5	98-3917-01	1	Bracket-Filter
6	93-7498	1	Plug-Plastic
7	340-91	1	Adapter
7:1	237-58	1	O-Ring
7:2	237-146	1	O-Ring
8	32144-14	2	Screw-HWH
9	23-8910	2	Stem-Barb, 90 DEG
9:1	237-146	1	O-Ring
10	104-7546	1	Strainer-Tank
10:1	340-136	1	O-Ring
11	353-508	1	Plug
11:1	237-42	1	O-Ring
12	33104-020	6	Screw-HHF
13	92-8020	3	Adapter-Breather
14	93-7588	1	Cover-Tank
15	2412-34	3	Clamp-Hose
16	93-7499	1	Gasket
17	98-3931	2	Hose-Formed
18	237-101	1	O-Ring
19	353-550	1	Plug-HYD

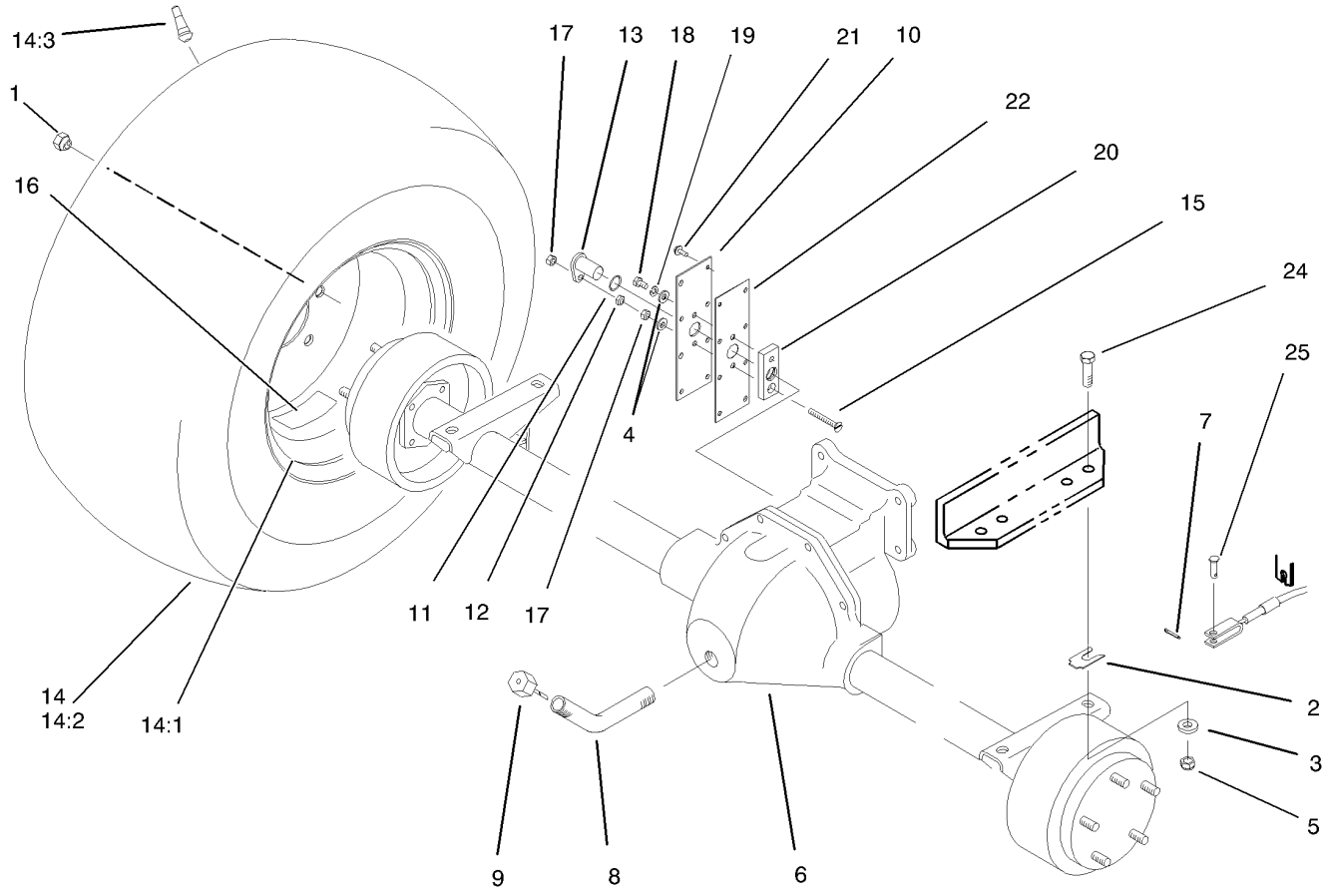
Ref	Part No.	Qty.	Description
19:1	237-79	1	O-Ring
20	2412-93	2	Clamp-R
❷21		1	Oil Filter ASM
21:1	104-0080	1	Filter Head ASM
21:2	94-2621	1	Element-Filter
22	32144-10	2	Screw-HWH
23	323-4	2	Screw-HH
24	33105-025	3	Screw-HHF
25	63-8410	3	Washer
26	75-6870	1	Hose-Inlet, Pump
27	240-11	3	Bushing-Flange
28	3256-24	2	Washer-Flat
29	3253-21	2	Washer-Lock



Fuel Tank Assembly

Ref	Part No.	Qty.	Description
1	304-73	1	Connector-Hose
2	98-7612	1	Filter-Fuel
3	104-5215	1	Pump-Fuel, Electric
4	2412-98	1	Clamp
5	23-2140	1	Hose-Fuel
6	62-7650	1	Gasket
7	63-7640	1	Sender-Fuel
8	3253-15	5	Washer-Lock
9	32122-24	5	Screw-Pth
10	93-2042	1	Hose-Fuel
11	2412-108	4	Clamp-Worm
12	104-0077	1	Hose-Fuel
13	354-22	1	Fitting-Barb
14	354-21	1	Fitting-Barb
15	354-20	1	Fitting-Tee
16	98-9338	1	Hose-Fuel
17	104-0076	1	Hose-Fuel
18	66-8121	1	Standpipe
19	46-6550	1	Fitting-Hyd, 90 DEG
20	46-6560	2	Bushing
21	93-3102	1	Cap-Fuel
22	105-7933	1	Tank-Fuel
22:1	2412-36	1	Clamp-Hose
22:2	304-46	1	Draincock

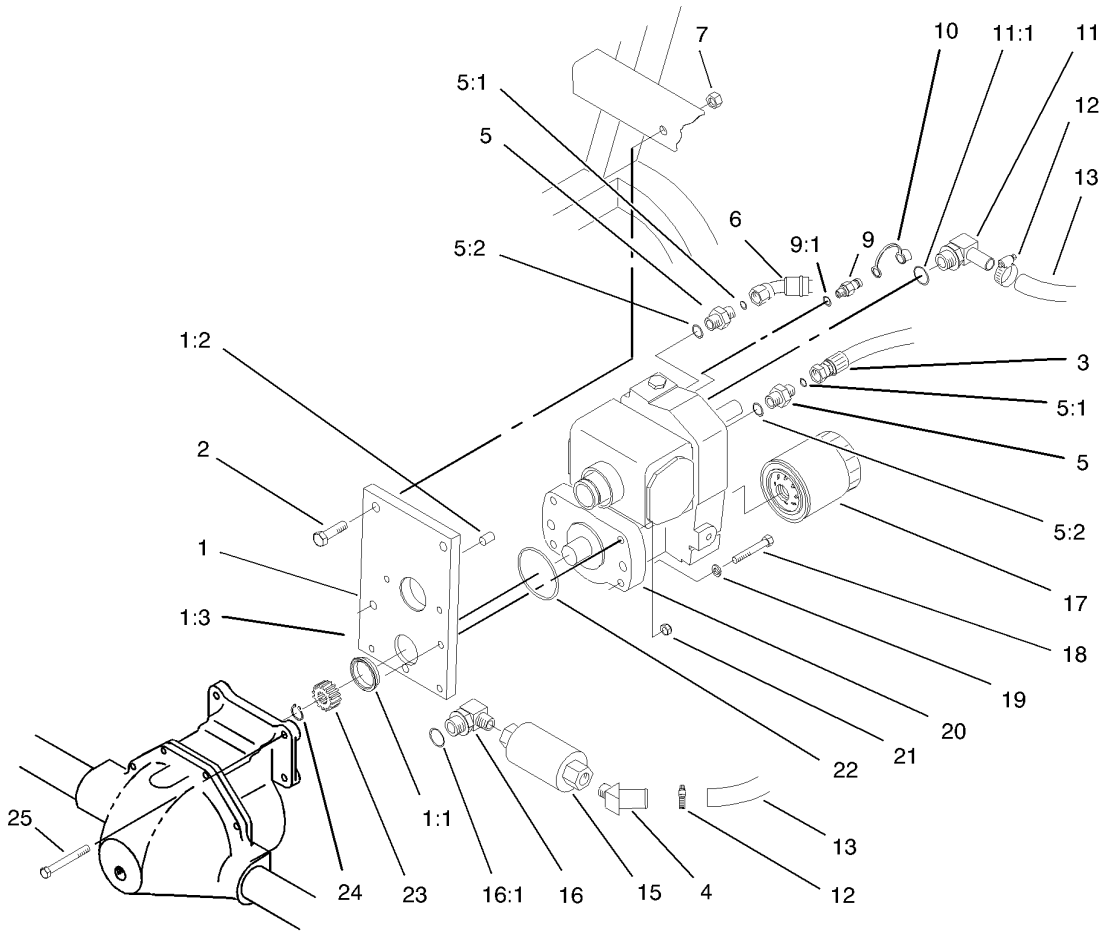
Ref	Part No.	Qty.	Description
23	240-11	3	Bushing-Flange
24	63-8410	3	Washer
25	33105-025	3	Screw-HHF
26	92-2379	2	Clamp-Hose
27	2412-146	2	Clamp-Hose
28	240-9	1	Grommet
30	3296-42	5	Nut-Lock, NI
31	321-4	5	Screw-HH
❶32	3290-378	1	Tie-Cable
33	47-7430	1	Hose-Fuel
34	3256-22	2	Washer-Flat
35	104-9339	1	Bracket-Pump, Fuel
36	2412-148	1	Clamp-R



Front Axle Assembly

Ref	Part No.	Qty.	Description
1	242-50	10	Nut-Lug
2	42-6080	5	Shim-Axle
3	66-6480	4	Washer
4	3256-22	2	Washer-Flat
5	3296-48	4	Nut-Lock, NI
6	106-9212-03	1	Drive Axle ASM
7	3272-10	2	Pin-Cotter
8	75-6850	1	Tube-Fill, Oil
9	27-3710	1	Dipstick
10	85-4330	1	Cover-Gear
11	237-181	1	O-Ring
12	3218-1	1	Nut-Jam
13	85-4350	1	Sensor-Geartooth
❷14		2	Wheel And Tire ASM
14:1	99-6984	1	Wheel ASM
14:2	98-2373	1	Tire
14:3	232-27	1	Stem-Valve
15	32108-9	1	Screw-FH
16	106-9206	2	Decal-Torque, Wheel
17	3296-56	2	Nut-Lock, NI
18	321-2	1	Screw-HH
19	3253-3	1	Washer-Lock
20	85-4340	1	Plate-Mounting, Sensor
21	32144-112	8	Screw-HWHTF

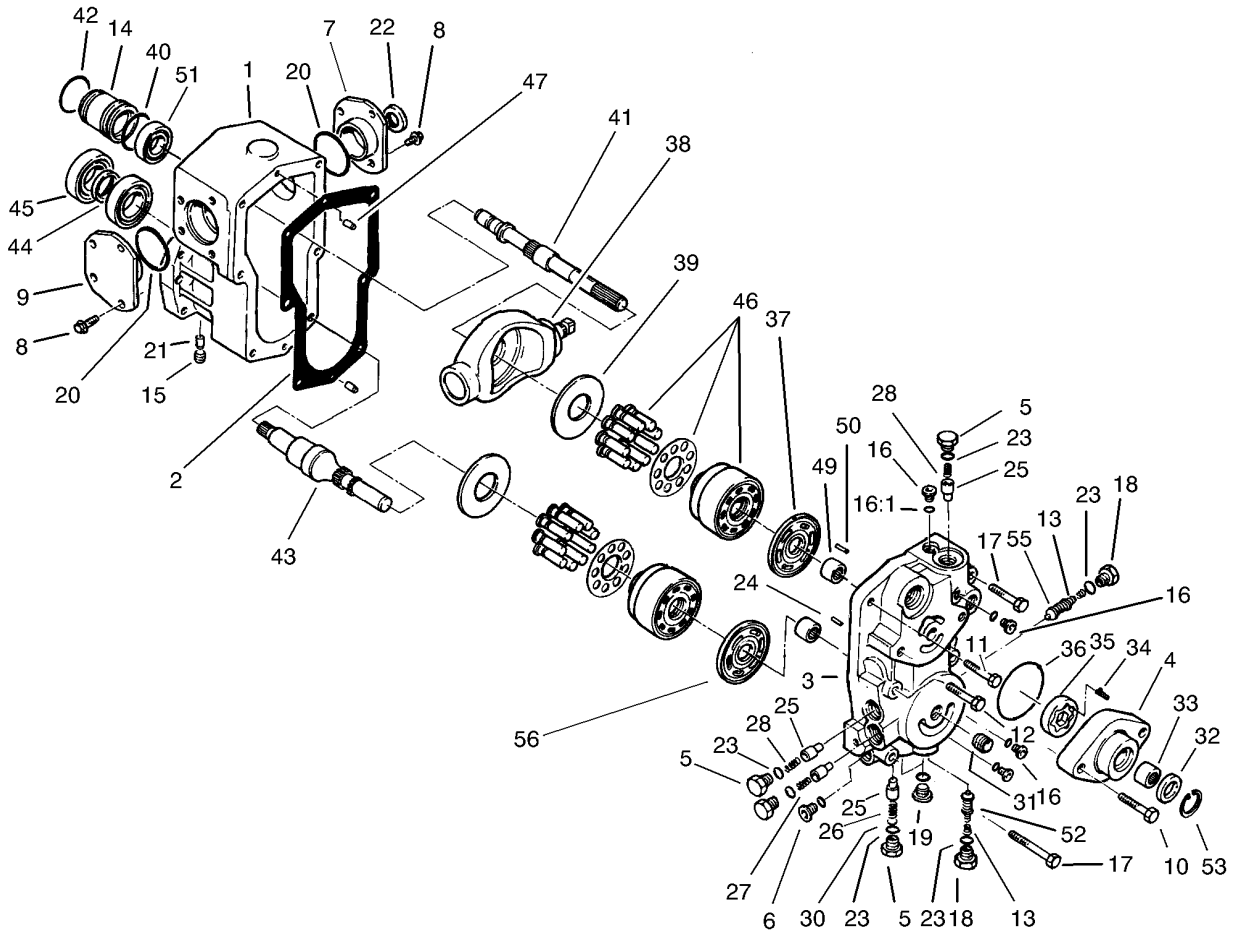
Ref	Part No.	Qty.	Description
22	92-5797	1	Gasket-Axle
24	324-7	4	Screw-HH
25	283-58	2	Pin-Clevis



Transmission Assembly

Ref	Part No.	Qty.	Description
1	92-4846	1	Transmission Support ASM
1:1	75-3110	1	Collar-Transmission
1:2	92-4808	1	Sleeve-Transmission
1:3	92-4809	1	Support-Transmission
2	325-7	2	Screw-HH
3	104-0073	1	HYD Hose ASM
4	354-72	1	Fitting-HYD
5	340-3	2	Adapter
5:1	237-22	1	O-Ring
5:2	237-79	1	O-Ring
6	104-0072	1	HYD Hose ASM
7	3296-23	2	Nut-Lock, NI
9	354-77	1	Fitting-Quick
9:1	237-78	1	O-Ring
10	354-79	1	Cap-Dust
11	75-4720	1	Fitting-Line, Suction
11:1	237-81	1	O-Ring
12	2412-129	2	Clamp-Hose
13	75-6350	1	Hose
15	75-6340-03	1	Filter
16	354-75	1	Fitting-Hyd, 90 DEG
16:1	237-81	1	O-Ring
17	75-1330	1	Element-Filter
18	323-12	2	Screw-HH

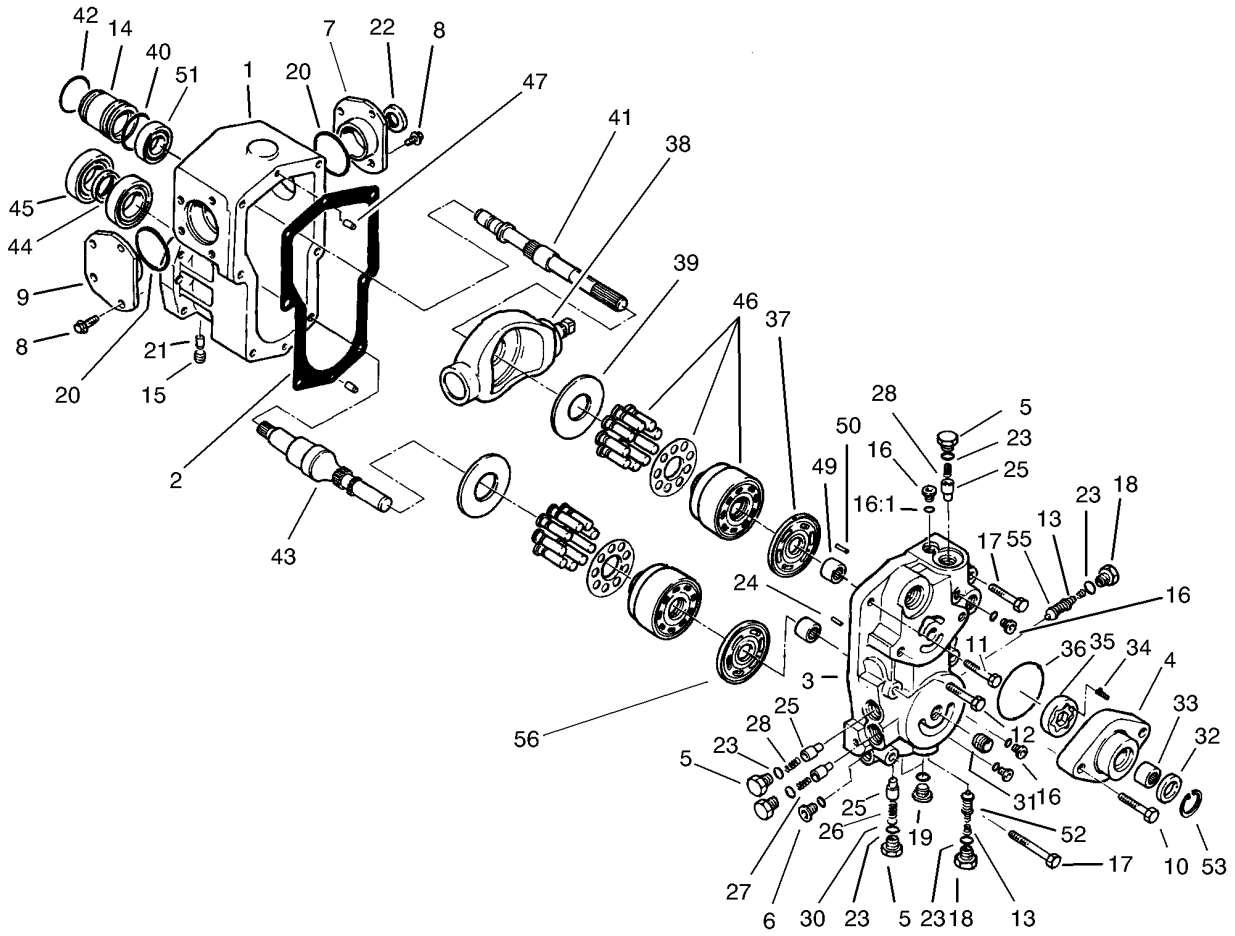
Ref	Part No.	Qty.	Description
19	3253-21	2	Washer-Lock
20	75-0012	1	Transmission
21	3296-39	2	Nut-Lock, NI
22	237-161	1	O-Ring
23	86-7220	1	Gear-Pinion
24	32151-62	1	Ring-Retaining
25	323-20	2	Screw-HH



Transmission Assembly No. 75-0012

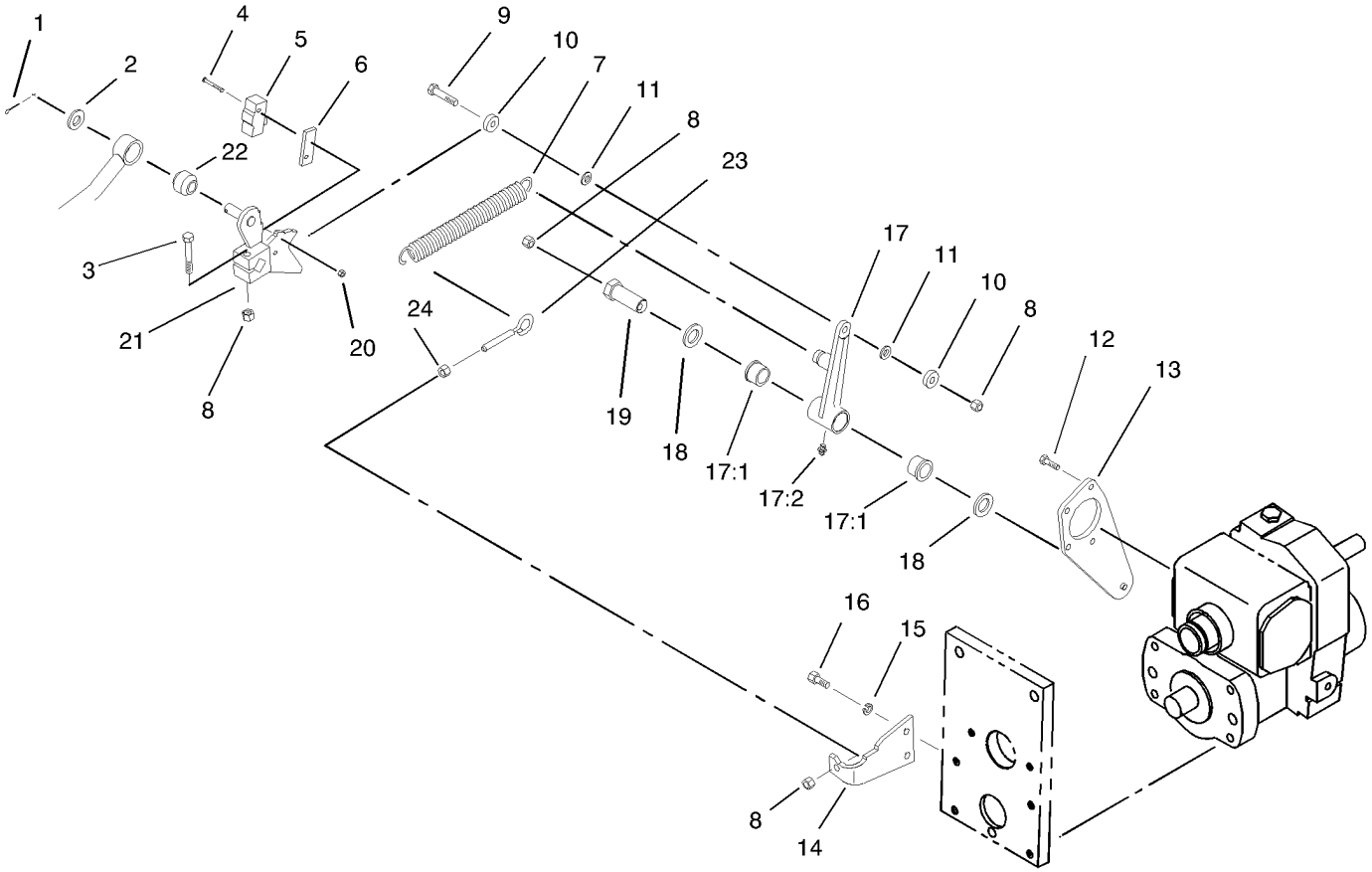
Ref	Part No.	Qty.	Description
1	75-0020	1	Housing
2	75-0030	1	Gasket-Housing
3	75-0040	1	Section-Center
4	83-4780	1	Housing-Pump, Charge
5	75-0060	4	Plug
6	75-0070	1	Plug
7	86-7520	1	RH Trunnion Cover ASM
8	75-0090	8	Capscrew-HH
9	86-7530	1	LH Trunnion Cover ASM
10	75-0110	2	Capscrew-HH
11	75-0120	1	Capscrew-HH
12	75-0130	3	Capscrew-HH
13	75-0140	2	Spring-Conical
14	75-0150	1	Guide-Seal
15	75-0160	1	Plug-Pipe
16	75-0170	4	Plug-Thread, Straight
16:1	92-8777	1	O-Ring
17	75-0180	2	Capscrew-HH
18	75-0190	2	Plug-Special
19	75-0200	2	Plug-Thread, Straight
20	75-0210	2	O-Ring
21	75-0220	2	Pin
22	75-0230	1	Seal-Lip
23	75-0240	6	O-Ring

Ref	Part No.	Qty.	Description
24	75-0250	1	Spring
25	75-0260	4	Valve-Relief
26	75-0270	1	Spring
27	75-0280	1	Spring
28	75-0290	2	Spring
30	75-0310	1	Shim
31	75-0320	1	Nipple
32	75-0330	1	Seal-Lip
33	75-0340	1	Bearing-Needle
34	75-0350	1	Pin
35	75-0360	1	Gerotor
36	75-0370	1	O-Ring
37	75-0380	1	Plate-Valve
38	75-0390	1	Plate-Swash
39	75-0400	2	Plate-Thrust
40	75-0410	1	O-Ring
41	86-7540	1	Shaft-Pump
42	75-0430	1	Ring-Retaining
43	75-0440	1	Shaft-Motor
44	75-0450	1	Collar
45	75-0460	2	Bearing-Ball
46	75-0470	2	Cylinder Block Kit
47	75-0480	2	Pin
49	75-0500	2	Bearing-Needle



Transmission Assembly No. 75-0012 (continued)

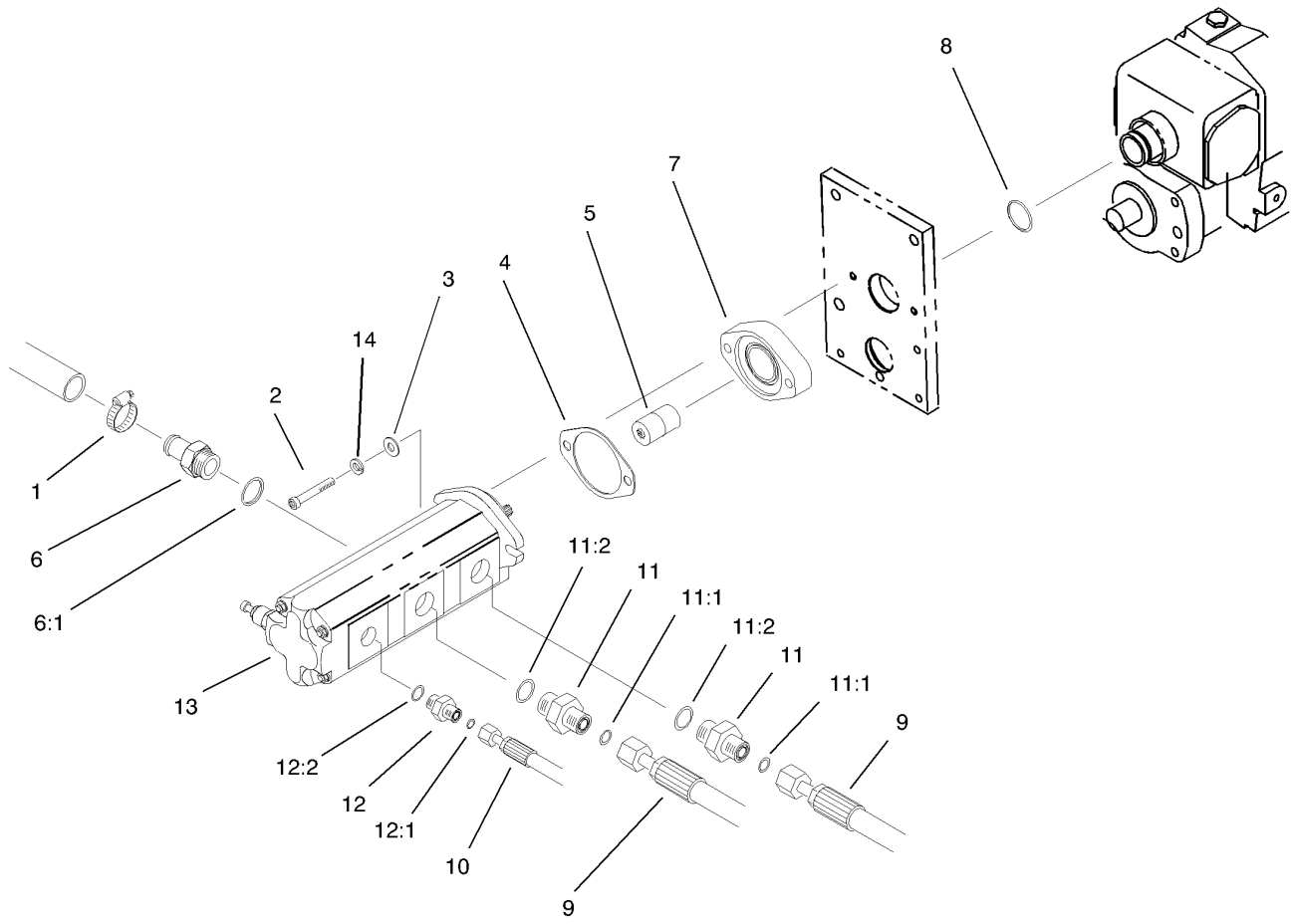
Ref	Part No.	Qty.	Description
50	75-0510	1	Pin
51	75-0520	1	Bearing-Ball
52	75-6930	1	Valve-Screw
53	32120-74	1	Snap-Ring
55	93-0097	1	Valve-Screw
56	93-0083	1	Plate-Valve



Traction Control Assembly

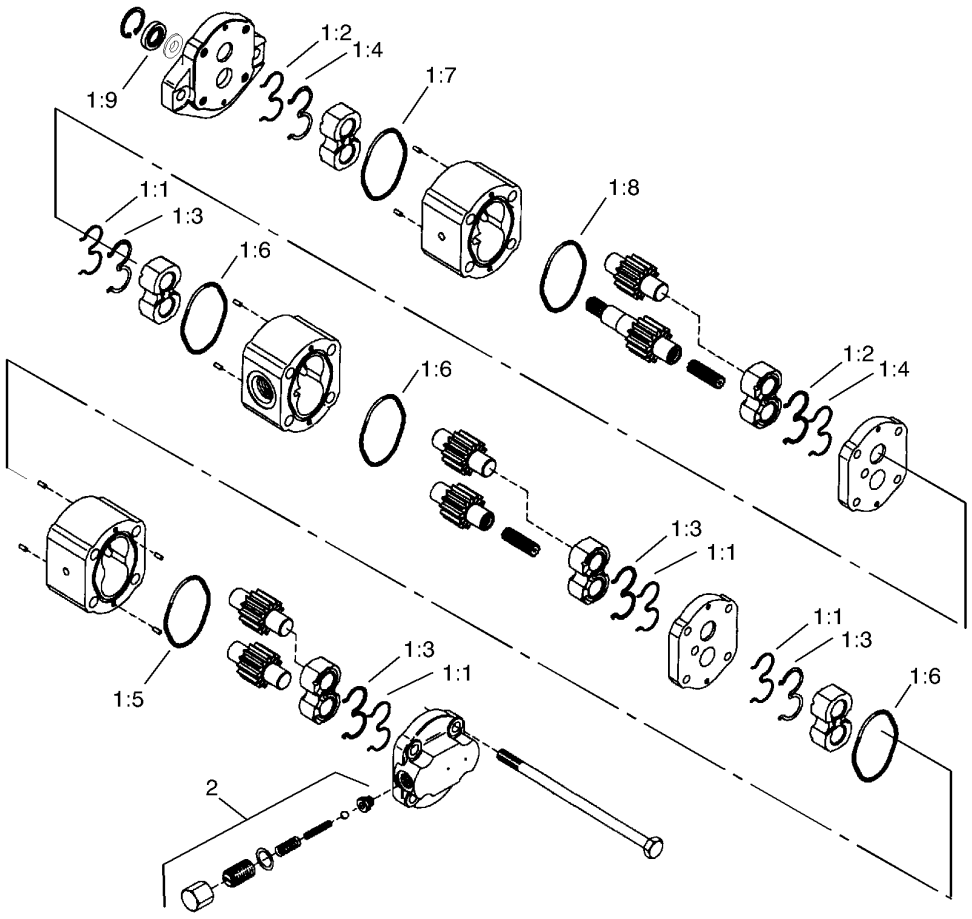
Ref	Part No.	Qty.	Description
1	3272-10	1	Pin-Cotter
2	3256-26	1	Washer-Flat
3	322-10	1	Screw-HH
4	32105-21	2	Screw-HH
5	29-6162	1	Switch-Micro
6	75-4130	1	Plate-Switch
7	76-9430-03	1	Spring-Extention
8	3296-29	4	Nut-Lock, NI
9	322-7	1	Screw-HH
10	251-307	2	Bearing-Ball
11	75-5470	2	Spacer-Bearing
12	321-5	4	Screw-HH
13	104-1480-03	1	Traction Plate ASM
14	85-9900-03	1	Plate-Anchor, Spring
15	3253-4	2	Washer-Lock
16	322-3	2	Screw-HH
17	92-2581	1	Neutral Switch Arm ASM
17:1	256-113	2	Bushing-Flange
17:2	302-5	1	Fitting-Grease
18	3-6498	2	Washer-Thrust
19	76-8640	1	Stud-Traction
20	3296-9	2	Nut-Lock, NI
21	75-4100-03	1	Control-Pump
22	23-2270	1	Bushing-Rubber

Ref	Part No.	Qty.	Description
23	85-9910	1	Eyebolt
24	3217-6	1	Nut-Hex



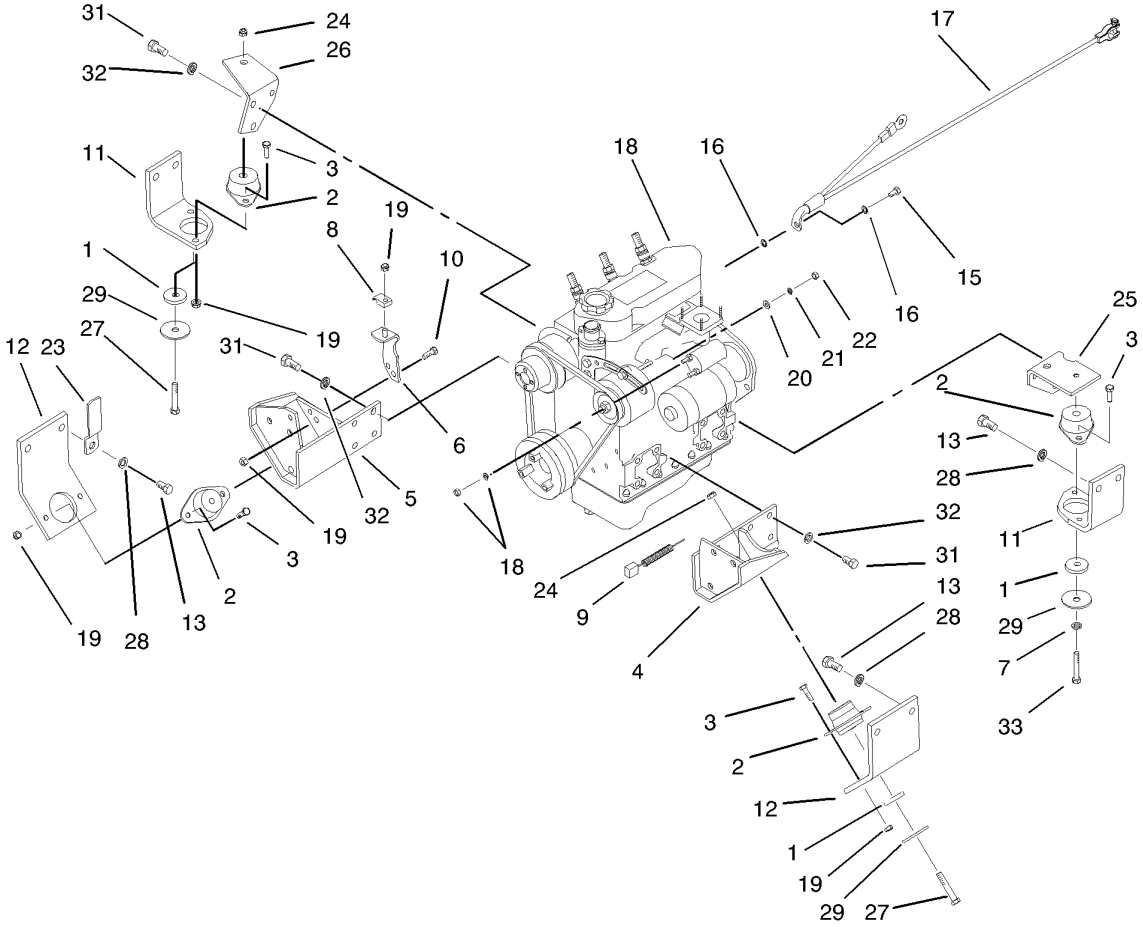
Gear Pump Installation Assembly

Ref	Part No.	Qty.	Description
1	2412-34	1	Clamp-Hose
2	92-4037	2	Capscrew-HSH
3	3256-24	2	Washer-Flat
4	93-3604	1	Gasket
5	93-1396	1	Coupler
6	354-78	1	Connector-Hose
6:1	237-146	1	O-Ring
7	75-4400-03	1	Adaptor
8	237-163	1	O-Ring
9	104-0050	2	HYD Hose ASM
10	104-0051	1	HYD Hose ASM
11	340-7	2	Adapter
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	340-2	1	Fitting-Hyd, Straight
12:1	237-22	1	O-Ring
12:2	237-42	1	O-Ring
13	99-6933	1	Pump-Gear
14	3253-5	2	Washer-Lock



Gear Pump Assembly No. 99-6933

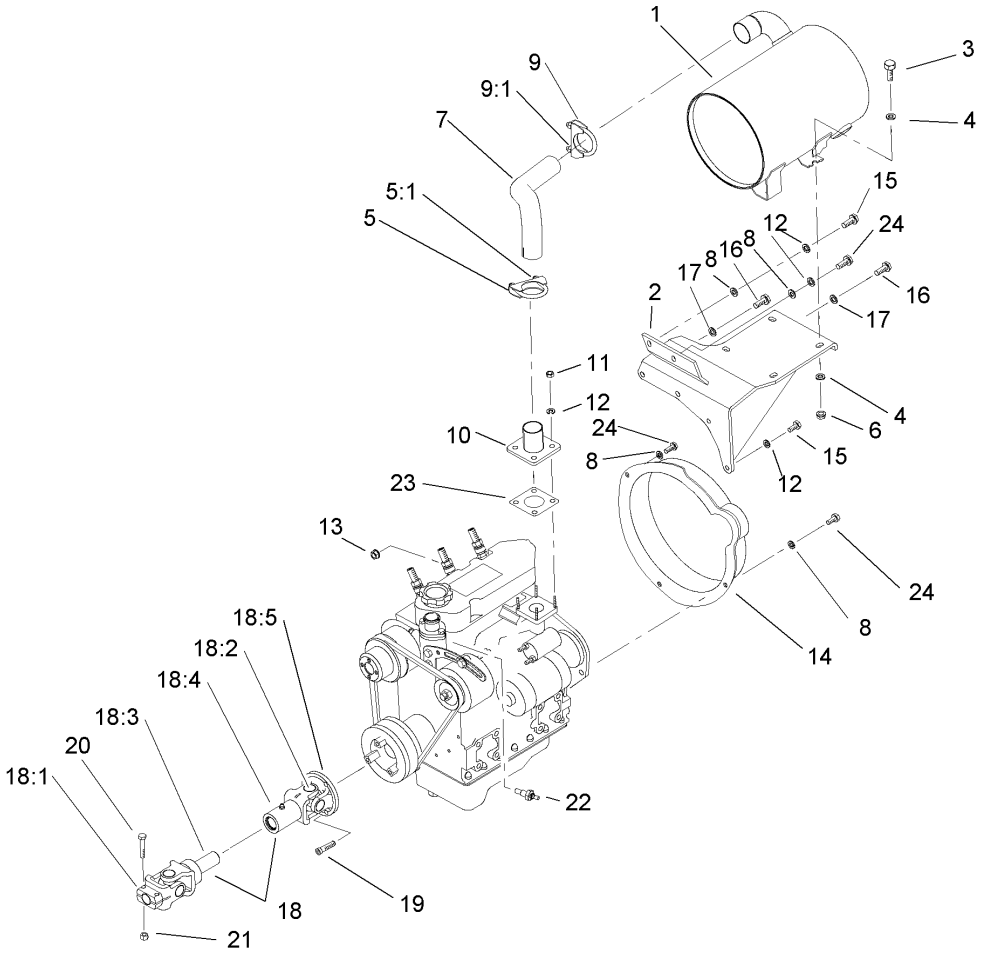
Ref	Part No.	Qty.	Description
1	104-0576	1	Seal Kit
❷1:1		4	Seal-Extrusion, Anti
❷1:2		2	Seal-Extrusion, Anti
❷1:3		4	Seal-Loading, Pressure
❷1:4		2	Seal-Loading, Pressure
❷1:5		1	O-Ring
❷1:6		3	O-Ring
❷1:7		1	O-Ring
❷1:8		1	O-Ring
❷1:9		1	Seal-Shaft
2	104-0577	1	Cover/relief Valve ASM



Engine Installation Assembly

Ref	Part No.	Qty.	Description
1	83-1050	4	Spacer
2	83-1030	4	Mount-Engine
3	322-5	8	Screw-HH
4	98-4539-03	1	Bracket-Engine Mount, LH
5	98-4543-03	1	Bracket-Engine Mount, RH
6	98-9749	1	Plate-Throttle
7	3253-21	1	Washer-Lock
8	3-6657	1	Clip-Skid
9	99-3441	1	Harness-Wire, Fusible Link
10	322-4	2	Screw-HH
11	98-4513-03	2	Bracket-Engine, Rear
12	104-1474-03	2	Bracket-Engine, Front
13	3213-2	8	Screw-HH
15	98-9322	1	Bolt-Hh, Metric
16	3255-9	2	Washer-Lock, External
17	98-4598	1	Cable-Battery, Negative
18	106-7059	1	Engine-Kubota
18	42-9850	1	Washer-Lock, Spring
18	57-6390	1	Nut-Jam
19	3296-29	11	Nut-Lock, NI
20	3256-78	1	Washer-Flat
21	43-5930	1	Washer-Spring
22	48-7890	1	Nut
23	98-4594	1	Clamp-Retainer

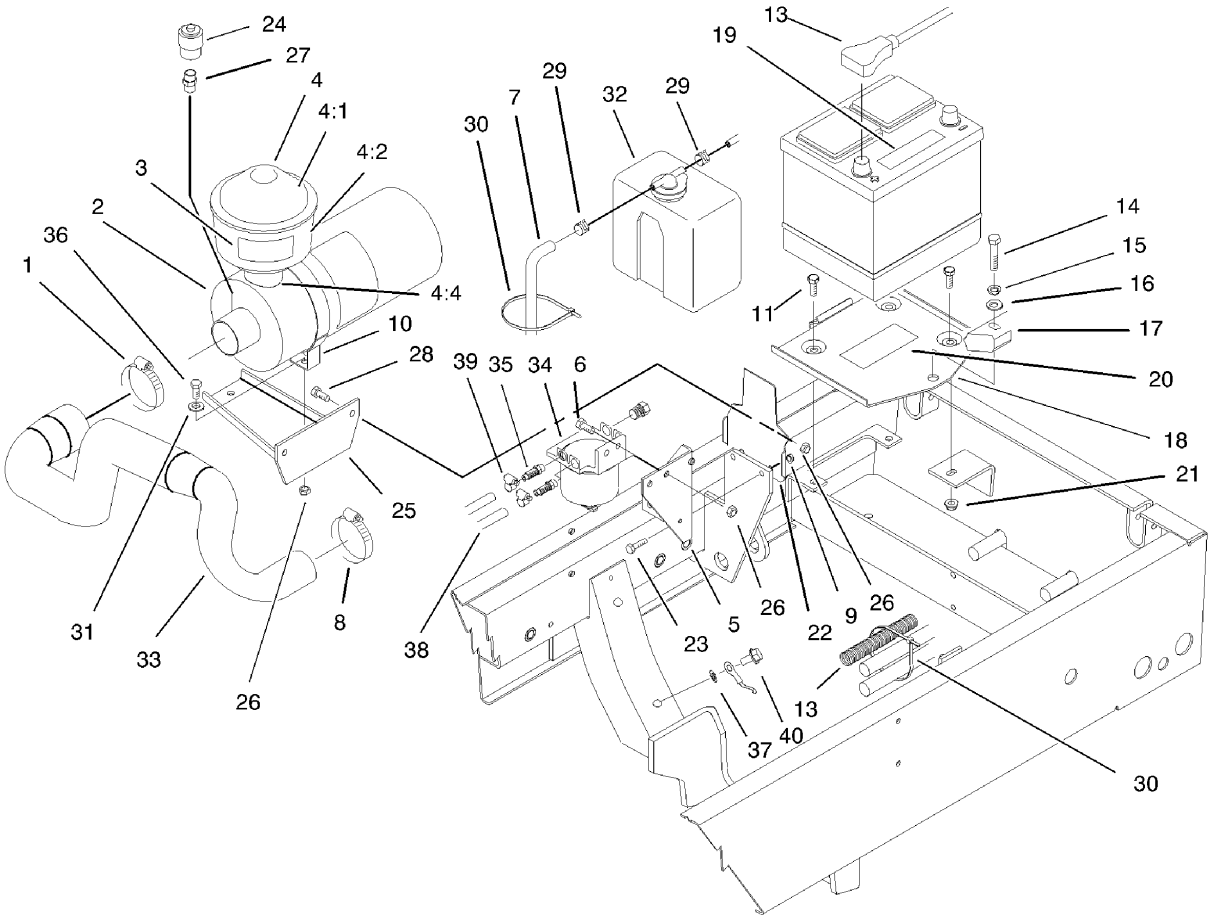
Ref	Part No.	Qty.	Description
24	32128-36	3	Nut-HF
25	98-4515-03	1	Bracket-Rear Engine, LH
26	98-4514-03	1	Bracket-Rear Engine, RH
27	323-12	3	Screw-HH
28	3253-7	8	Washer-Lock
29	87-5100	4	Washer-Snubbing
31	43-0090	14	Screw-HH
32	42-9600	14	Lockwasher-Spring
33	323-10	1	Screw-HH



Muffler and Pump Drive Assembly

Ref	Part No.	Qty.	Description
1	107-2381	1	Muffler-Exhaust
2	98-4555-03	1	Bracket-Muffler
3	323-7	4	Screw-HH
4	3256-4	8	Washer-Flat
5	2112-9	1	Clamp
5:1	32128-20	2	Nut-HF
6	3296-39	4	Nut-Lock, NI
7	98-4524	1	Tube-Exhaust
8	3256-23	5	Washer-Flat
9	2112-6	1	Clamp-Muffler
9:1	3218-2	2	Nut-Jam
10	98-4527	1	Pipe-Exhaust, Engine
11	33014-00	4	Nut-Hex
12	42-9850	7	Washer-Lock, Spring
13	33024-00	1	Nut-Lock
14	105-7505	1	Guard-Flywheel
15	33114-025	3	Screw-HH
16	43-0090	2	Screw-HH
17	42-9600	2	Lockwasher-Spring
18	99-6977	1	Driveshaft ASM
18:1	54-9040	1	Yoke-End
18:2	98-9766	2	Universal Joint Kit
18:3	98-9765	1	Yoke And Shaft
18:4	94-7379	1	Tube-Yoke, Slip

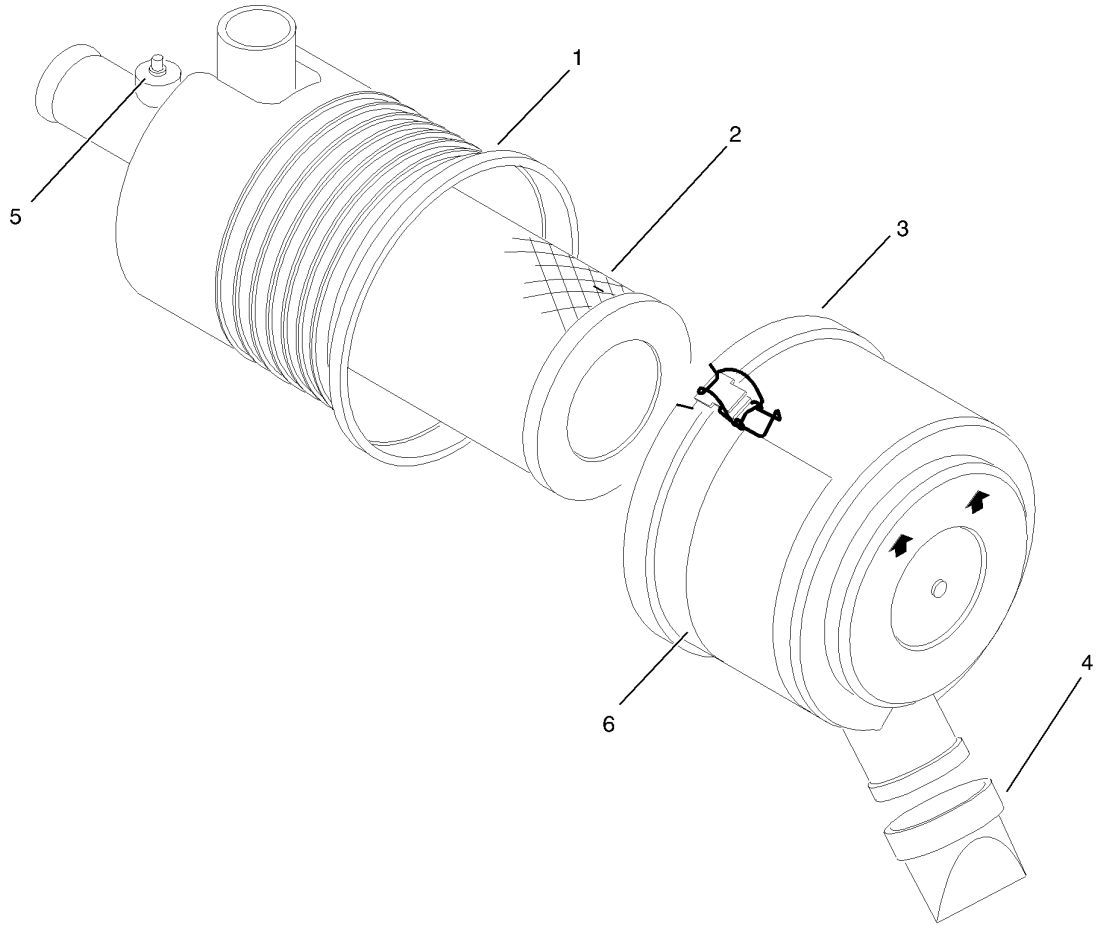
Ref	Part No.	Qty.	Description
18:5	104-1230	1	Yoke
19	98-9322	3	Bolt-Hh, Metric
20	322-9	2	Screw-HH
21	3296-29	2	Nut-Lock, NI
22	98-9346	1	Sender-Temperature
23	99-8343	1	Gasket-Muffler
24	33114-020	4	Screw-HH



Engine Components Assembly

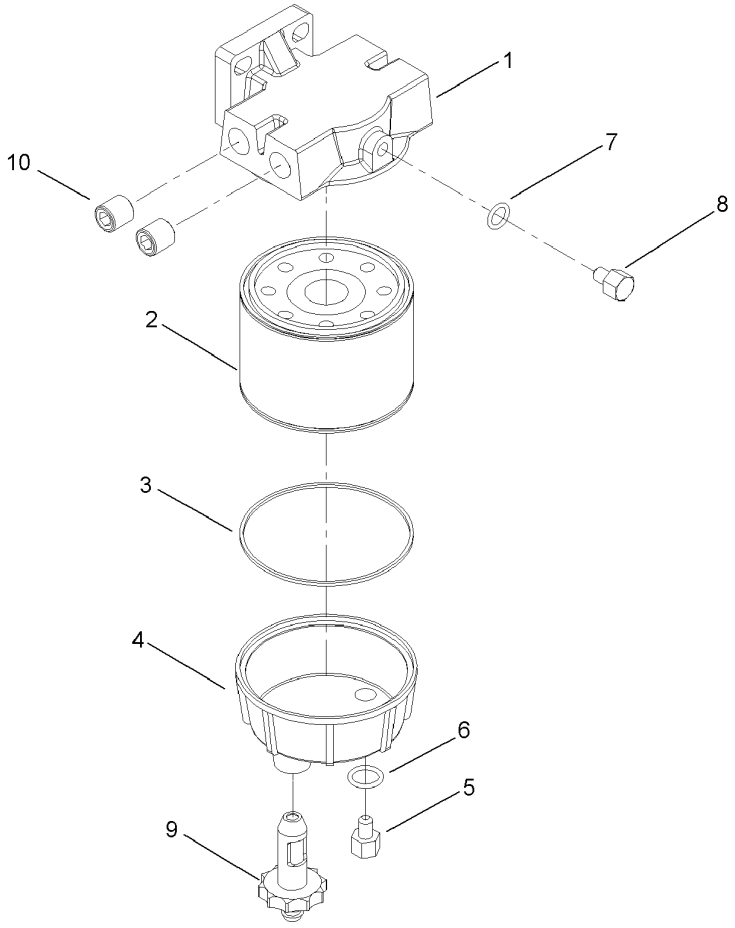
Ref	Part No.	Qty.	Description
1	2412-42	1	Clamp-Hose
2	98-4517	1	Air Cleaner ASM
3	93-6692	1	Decal-Fluid, Starting
4	48-7430	1	Precleaner
4:1	33-1260	1	Cover ASM
4:2	33-1270	1	Bowl-Clear
❶4:3	62-6300	1	Sleeve ASM
4:4	94-6873	1	Clamp
5	98-4578-03	1	Bracket-Filter, Fuel
6	3234-29	2	Screw-HHF
7	63-7630	1	Hose-Fuel
8	2412-92	1	Clamp-Hose
9	32128-33	2	Nut-HF
10	98-4525	1	Bracket-Cleaner, Air
11	322-4	3	Screw-HH
13	104-0086	1	Cable-Battery, Positive
14	323-9	1	Screw-HH
15	3253-21	1	Washer-Lock
16	3256-24	1	Washer-Flat
17	66-2490	1	Retainer-Battery
18	94-7343	1	Battery Base ASM
19	93-6668	1	Decal-Battery
20	93-7276	1	Decal-Danger
21	32128-20	1	Nut-HF

Ref	Part No.	Qty.	Description
22	98-4576-03	1	Bracket-Reservoir, Water
23	321-5	2	Screw-HH
24	93-9164	1	Indicator-Mini
25	98-4518-03	1	Bracket-Cleaner, Air
26	3296-29	6	Nut-Lock, NI
27	94-1416	1	Indicator Adapter ASM
28	322-5	2	Screw-HH
29	92-2379	2	Clamp-Hose
30	3290-378	2	Tie-Cable
31	3256-23	2	Washer-Flat
32	104-9318	1	Bottle-Overflow
33	98-4509	1	Hose-Cleaner, Air
34	98-9305	1	Water/fuel Filter ASM
35	353-783	2	Fitting
36	322-6	2	Screw-HH
37	3255-8	1	Washer-Lock
38	63-7622	1	Hose-Fuel
39	2412-108	4	Clamp-Worm
40	32144-14	1	Screw-HWH



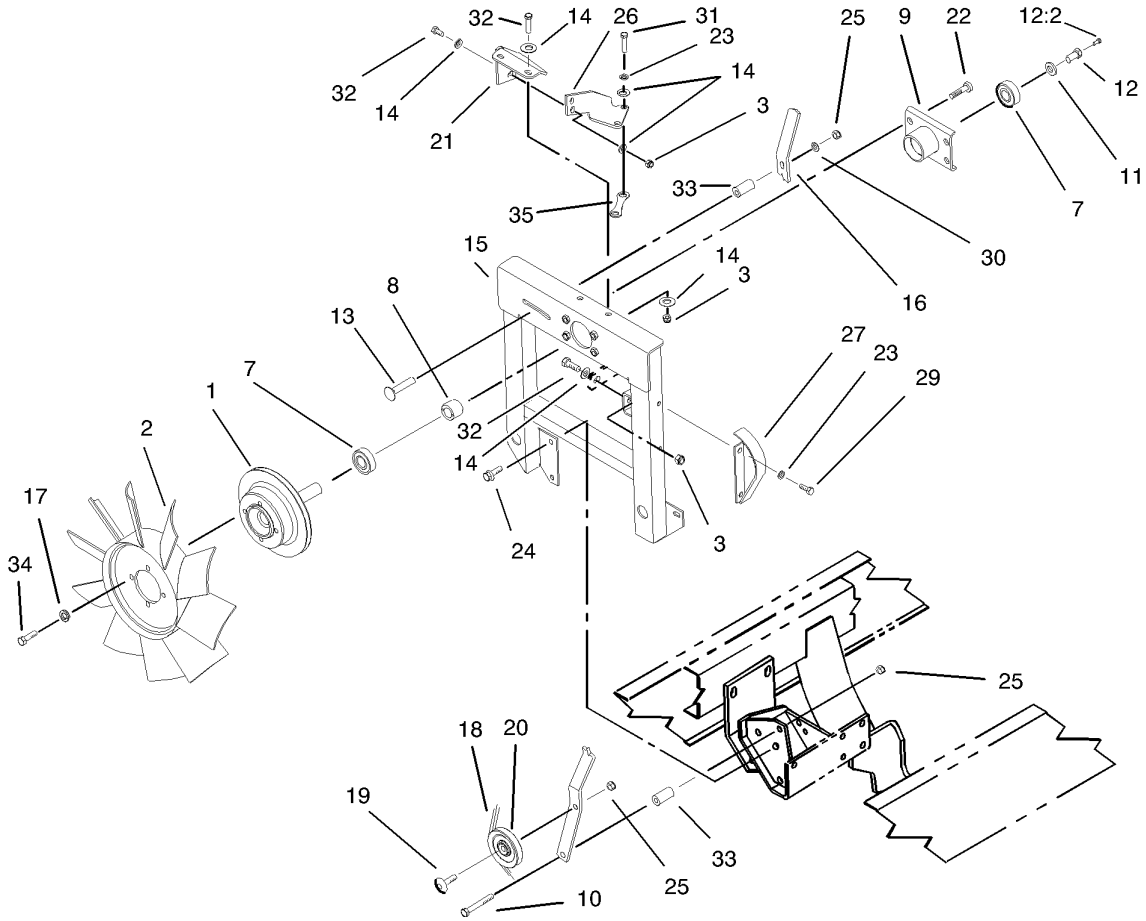
Air Cleaner Assembly No. 98-4517

Ref	Part No.	Qty.	Description
❷1		1	Body ASM
2	98-9763	1	Element ASM
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
❷5		1	Plug
6	98-9788	1	Decal-Instruction



Water/Fuel Filter Assembly No. 98-9305

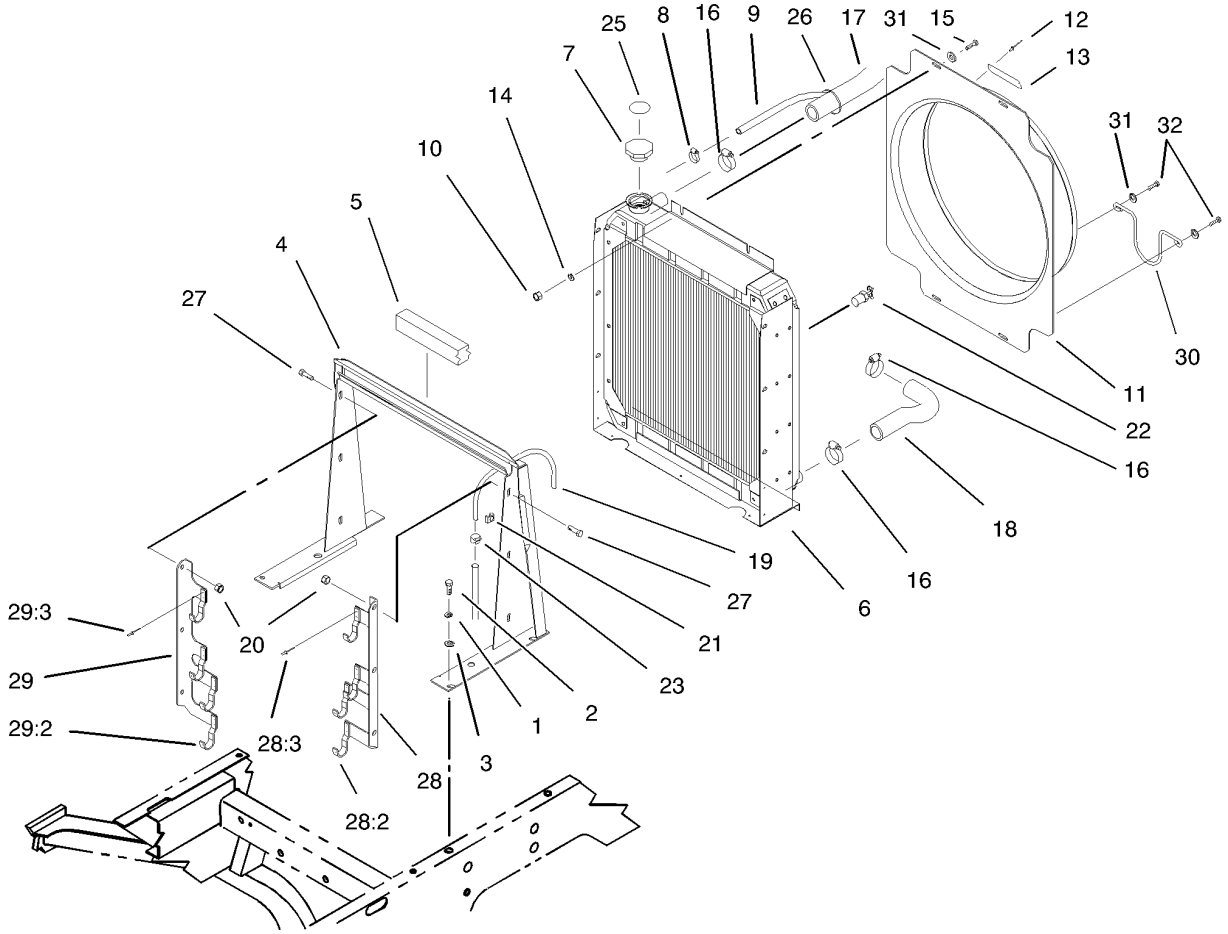
Ref	Part No.	Qty.	Description
1	98-9772	1	Head-Filter
2	98-9764	1	Element
3	98-9774	1	O-Ring-Base, Filter
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	O-Ring
8	98-9776	1	Plug-Head, Filter
9	98-9777	1	Drain Valve ASM
10	285-22	2	Plug-Pipe



Fan Drive Assembly

Ref	Part No.	Qty.	Description
1	104-0000-03	1	Pulley
2	99-6937	1	Fan
3	3296-29	5	Nut-Lock, NI
7	251-318	2	Bearing
8	104-0001	1	Spacer
9	104-0017-03	1	Hub ASM
10	323-12	1	Screw-HH
11	63-8410	1	Washer
12	11-0160	1	Roller Shaft Screw ASM
12:2	302-5	1	Fitting-Grease
13	104-1487	1	Bolt-CARR
14	3256-23	11	Washer-Flat
15	104-1440-03	1	Support-Fan
16	104-0006-03	1	Lever-Fan, Idler
17	3253-4	4	Washer-Lock
18	98-3921	1	Belt
19	95-3857	1	Screw-HSBH
20	63-8140	1	Pulley-Idler
21	104-1447-03	1	Bracket-Fan, Support
22	3274-12	4	Screw-HSH
23	42-9850	4	Washer-Lock, Spring
24	3234-29	6	Screw-HHF
25	3296-59	3	Nut-Lock, NI
26	104-1481-03	1	Bracket-Mount, Fan

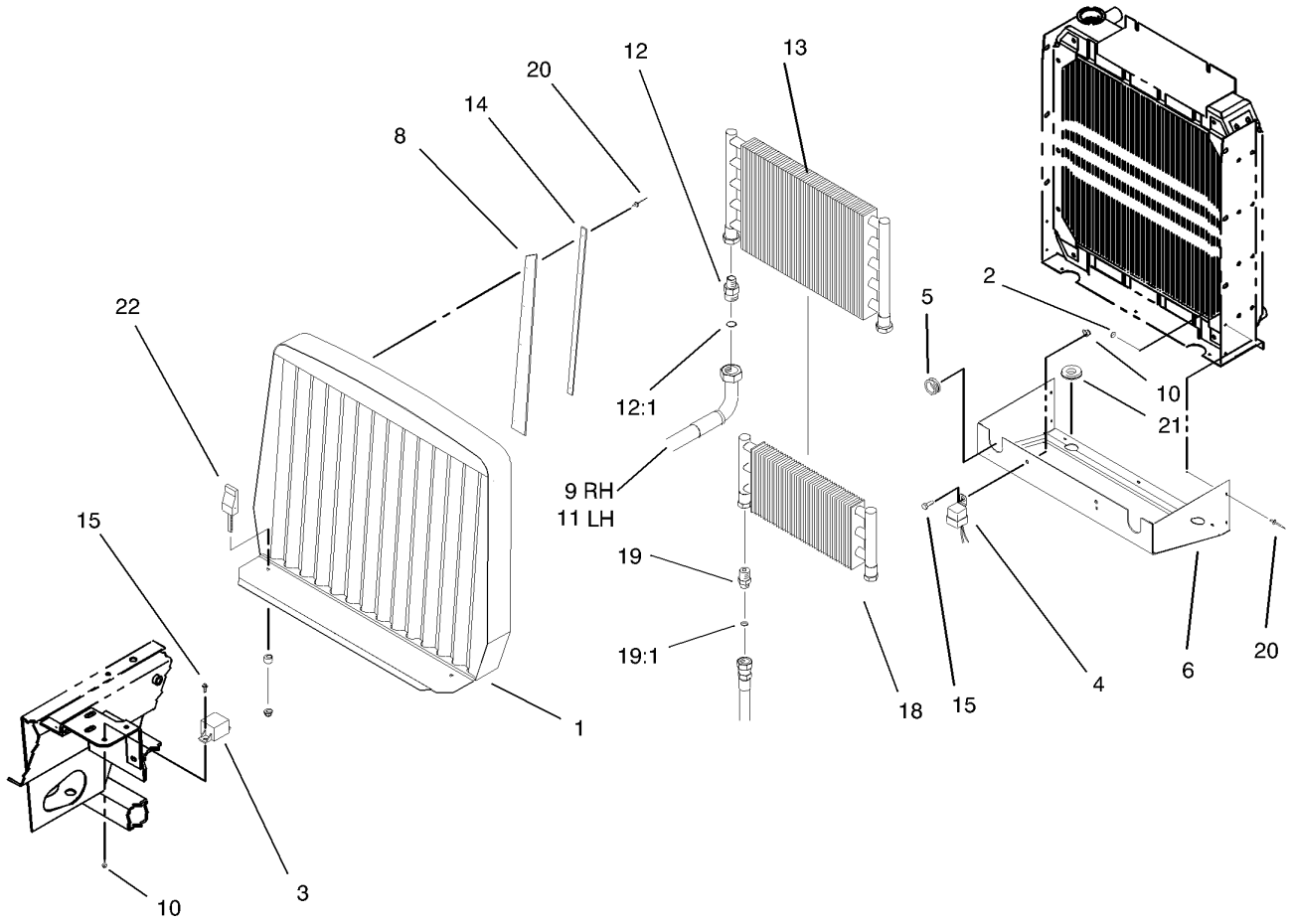
Ref	Part No.	Qty.	Description
27	98-4561-03	1	Shield-Alternator
29	32144-14	2	Screw-HWH
30	3256-24	1	Washer-Flat
31	33114-020	2	Screw-HH
32	322-4	5	Screw-HH
33	104-0007	2	Spacer
34	322-3	4	Screw-HH
35	104-1482	1	Plate-Washer



Radiator Assembly

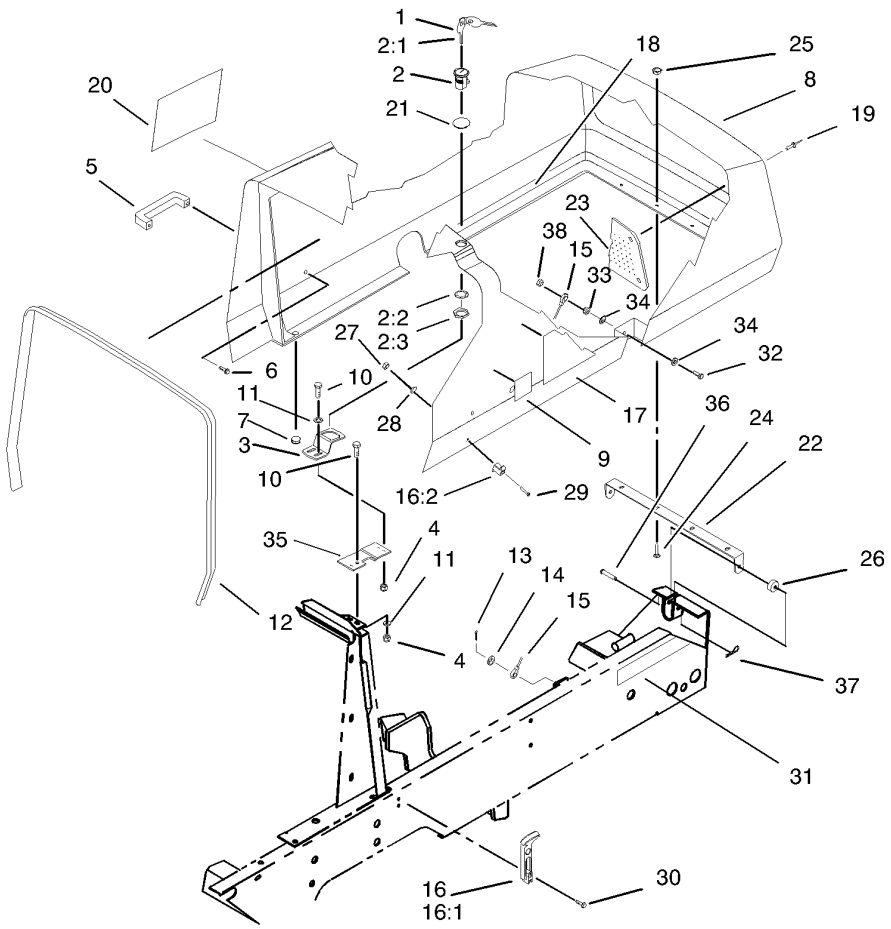
Ref	Part No.	Qty.	Description
1	3253-4	4	Washer-Lock
2	322-5	4	Screw-HH
3	3256-23	4	Washer-Flat
4	99-6970-03	1	Support-Radiator
5	104-1418	1	Strip-Foam, Radiator
6	99-6936	1	Radiator
7	66-3240	1	Cap-Radiator
8	92-2379	1	Clamp-Hose
9	104-0079	1	Hose-Fuel
10	3296-42	4	Nut-Lock, NI
11	99-6939	1	Shroud-Fan
12	3290-55	2	Rivet-Pop
13	98-9335	1	Plate-Warning, Fan
14	3256-22	4	Washer-Flat
15	321-4	2	Screw-HH
16	2412-34	4	Clamp-Hose
17	104-0013	1	Hose-Radiator, Upper
18	104-0014	1	Hose-Radiator, Lower
19	66-3180	1	Tube-Vent
20	32128-20	6	Nut-HF
21	2412-103	1	Clamp
22	304-46	1	Draincock
23	2412-98	1	Clamp
25	106-5976	1	Decal-Warning

Ref	Part No.	Qty.	Description
26	3290-379	1	Tie-Cable
27	3234-5	6	Screw
28	99-6991	1	LH Cooler Mount ASM
28:2	75-0930	4	Hook-Mount, Cooler
28:3	3269-15	8	Rivet
29	99-6994	1	RH Cooler Mount ASM
29:2	75-0930	4	Hook-Mount, Cooler
29:3	3269-15	8	Rivet
30	104-1448	1	Hoop-Driveline
31	3256-55	4	Washer-Flat
32	321-6	2	Screw-HH



Oil Cooler and Radiator Assembly

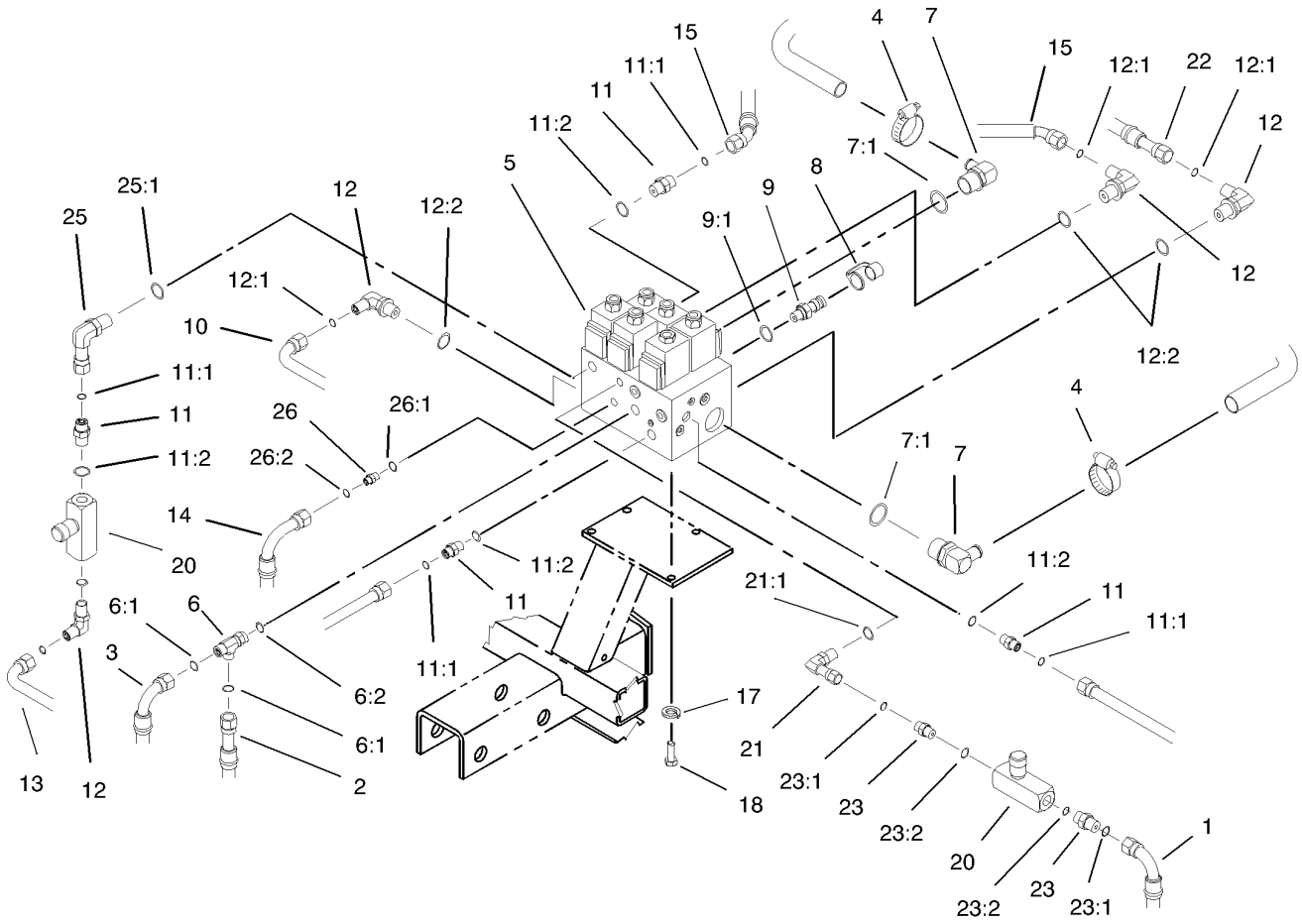
Ref	Part No.	Qty.	Description
1	99-6974-03	1	Screen-Front
2	3269-10	5	Washer-Back
3	66-8800	1	Relay
4	70-1480	1	Relay
5	240-3	2	Grommet-Rubber
6	99-6973-03	1	Shield-Radiator
8	93-3623	2	Strip-Sealing, Radiator
9	104-0075	1	HYD Hose ASM
10	3296-42	3	Nut-Lock, NI
11	104-0074	1	HYD Hose ASM
12	99-6999	2	Fitting-HYD
12:1	237-58	1	O-Ring
13	99-6997	1	Cooler-Oil
14	93-3624-03	2	Plate-Retaining
15	321-4	3	Screw-HH
18	24-0760	1	Cooler ASM
19	340-124	2	Adapter
19:1	237-22	1	O-Ring
20	3269-13	15	Rivet-Pop
21	100-3815	2	Grommet-Rubber
22	93-1374	2	Latch-Swell



Hood Assembly

Ref	Part No.	Qty.	Description
1	98-9321	1	Ring-Key
2	98-9315	1	Latch-Locking
2:1	99-8350	2	Key-Latch, Locking
❷2:2		1	Washer-Switch
❷2:3		1	Nut-Switch
3	98-9316	1	Latch-Hood
4	3296-16	4	Nut-Lock, NI
5	65-5100	2	Handle-Door
6	46-8091	4	Screw-HWH
7	104-1412	2	Bumper - Rubber
8	104-9320	1	Hood ASM
9	93-7252	1	Decal
10	321-4	4	Screw-HH
11	3256-1	4	Washer-Flat
12	104-1419	1	Strip-Bulb
13	3272-4	2	Pin-Cotter
14	3256-23	2	Washer-Flat
15	75-0570	2	Cable-Hood
16	104-0010	2	Latch-Draw, Flexible
16:1	104-0011	1	Handle-Latch
16:2	104-0012	1	Keeper-Latch
17	106-7063	2	Decal
18	104-9328-03	1	Frame-Hood
19	104-1417	10	Rivet-Plastic

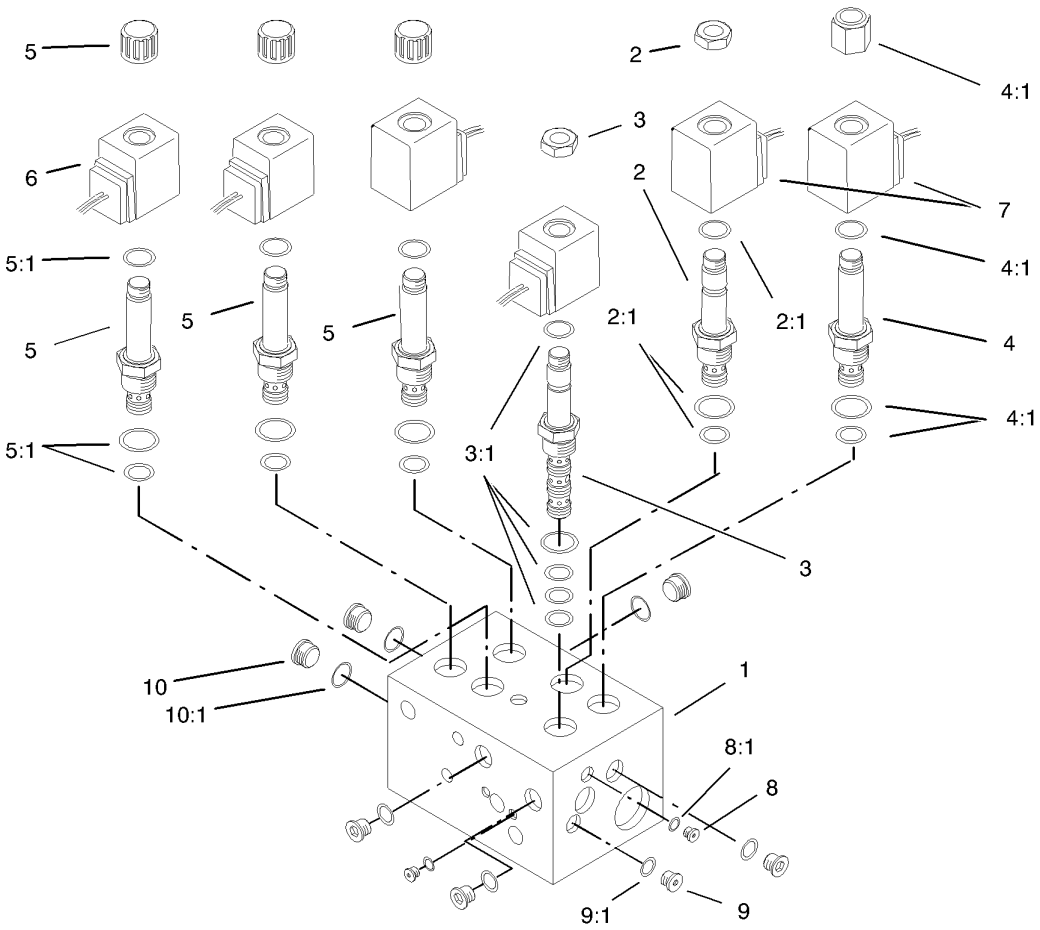
Ref	Part No.	Qty.	Description
20	66-6140	2	Decal
21	104-1453	1	Grommet
22	104-0042-03	1	Strap-Hinge
23	104-0043-03	1	Screen-Rear
24	3229-3	4	Screw-CARR
25	32128-33	4	Nut-HF
26	104-1429	2	Spacer-Plastic
27	3296-12	2	Nut-Lock
28	3256-51	2	Washer-Flat
29	104-1452	2	Screw-PPH
30	104-1451	4	Screw-Tap, PPH
31	72-3560	1	Decal-4wd (Only On: 03551)
32	321-15	2	Screw-HH
33	3218-1	2	Nut-Jam
34	3256-16	4	Washer-Flat
35	104-1439	1	Plate-Latch
36	94-3829	2	Pin-Clevis
37	3290-250	2	Pin-Hair
38	3296-56	2	Nut-Lock, NI



Lift Block Assembly

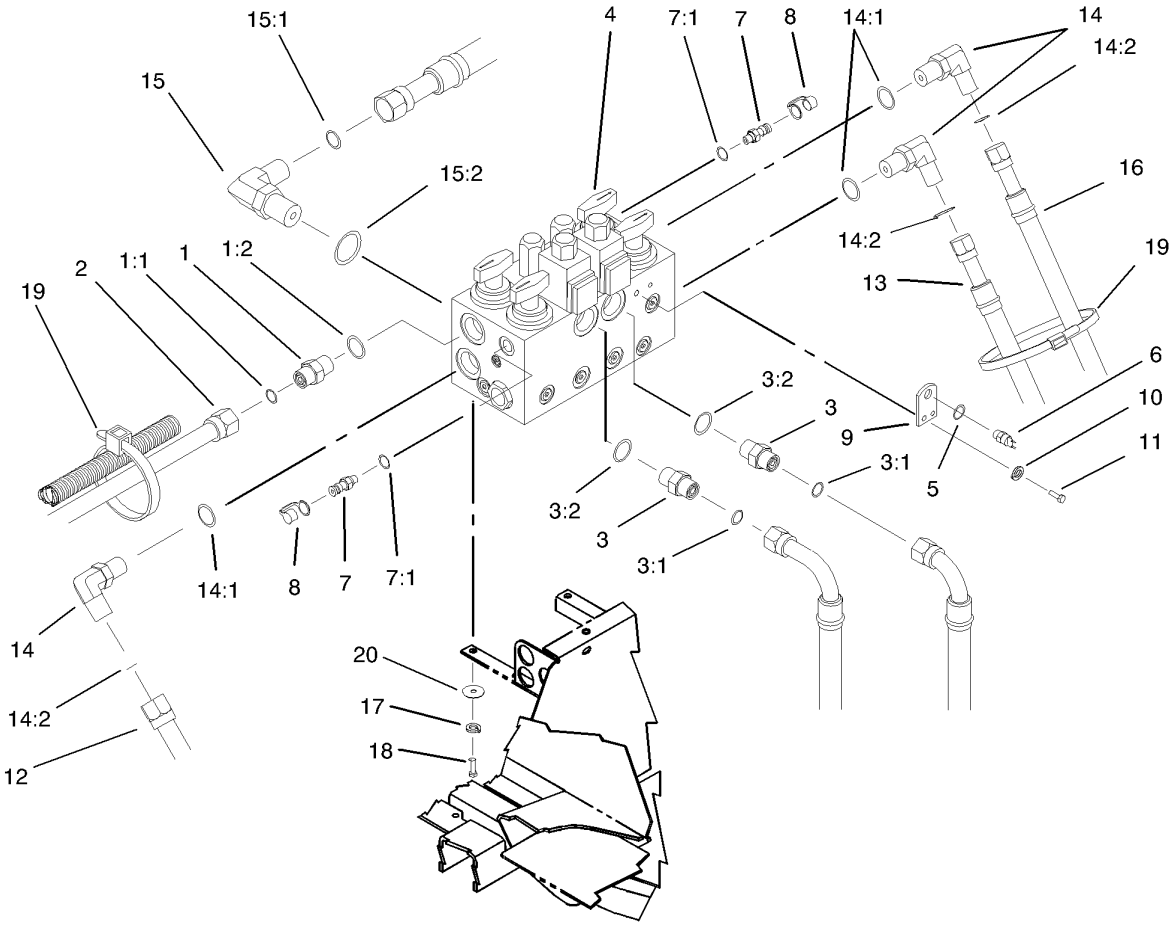
Ref	Part No.	Qty.	Description
1	104-0061	1	HYD Hose ASM
2	104-0060	1	HYD Hose ASM
3	104-0059	1	HYD Hose ASM
4	2412-34	2	Clamp-Hose
5	104-9335	1	Manifold-Block, Lift
6	340-86	1	Fitting-Hyd, Tee
6:1	237-22	2	O-Ring
6:2	237-42	1	O-Ring
7	23-8910	2	Stem-Barb, 90 DEG
7:1	237-146	1	O-Ring
8	354-79	1	Cap-Dust
9	59-7410	1	Tip-Nipple, Diagonal
9:1	237-42	1	O-Ring
10	98-3907	1	Tube ASM
11	340-2	4	Fitting-Hyd, Straight
11:1	237-22	1	O-Ring
11:2	237-42	1	O-Ring
12	340-77	4	Fitting-Hyd, 90 DEG
12:1	237-22	1	O-Ring
12:2	237-42	1	O-Ring
13	104-0093	1	Tube ASM
14	104-0062	1	HYD Hose ASM
15	104-0055	2	HYD Hose ASM
17	3253-4	3	Washer-Lock

Ref	Part No.	Qty.	Description
18	322-3	3	Screw-HH
20	98-9742	2	Valve-Control, Flow
21	340-143	1	Elbow-Swivel, 90 DEG
21:1	237-78	1	O-Ring
22	104-0054	1	HYD Hose ASM
23	340-1	2	Adapter
23:1	237-21	1	O-Ring
23:2	237-42	1	O-Ring
25	340-110	1	Fitting-Swivel, 90 DEG
25:1	237-42	1	O-Ring
26	340-92	1	Fitting-Hyd, Straight
26:1	237-78	1	O-Ring
26:2	237-21	1	O-Ring



Lift Block Assembly No. 104-9335

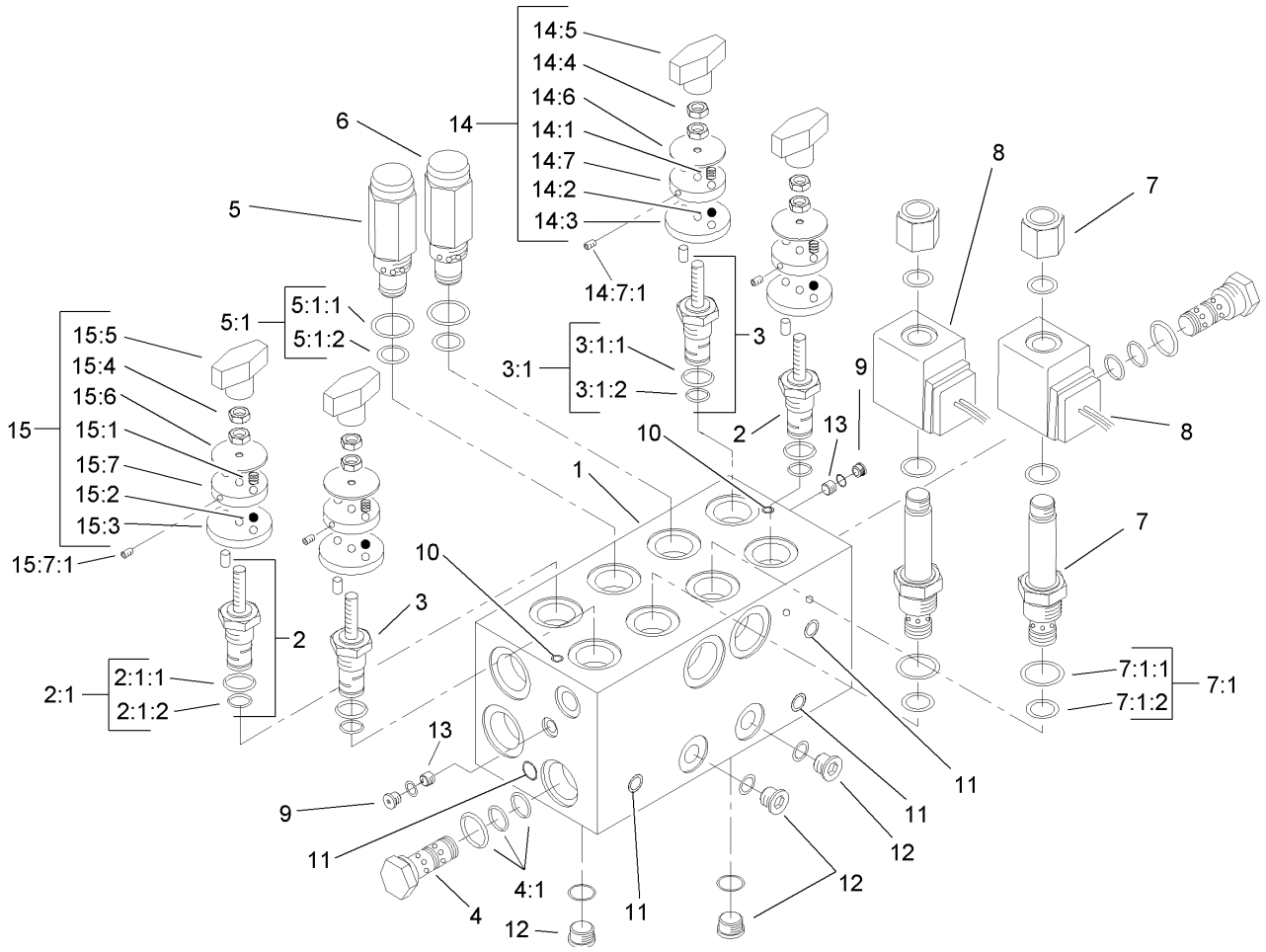
Ref	Part No.	Qty.	Description
❷1		1	Body-Manifold
2	92-6315	1	Cartridge-Poppet, N.c.
2:1	104-0004	1	Cartridge Seal Kit
3	94-2627	1	Cartridge
3:1	95-5642	1	Seal Kit
4	93-7494	1	Cartridge
4:1	75-2080	1	Seal Kit
5	105-3327	3	Valve-Cartridge, Double Blocking
5:1	105-3334	1	Seal Kit
6	83-2010	3	Coil-Valve
7	105-3328	3	Coil-Solonoid
8	353-991	4	Plug-Hex, Hollow
8:1	237-156	1	O-Ring
9	353-990	1	Plug
9:1	237-78	1	O-Ring
10	353-989	7	Plug-Hex, Hollow
10:1	237-42	1	O-Ring



Mow Block Assembly

Ref	Part No.	Qty.	Description
1	340-6	1	Fitting-Hyd, Straight
1:1	237-30	1	O-Ring
1:2	237-80	1	O-Ring
2	98-3905	1	Tube ASM
3	340-7	2	Adapter
3:1	237-65	1	O-Ring
3:2	237-80	1	O-Ring
4	99-6978	1	Block-Manifold, Mow
5	3256-76	2	Washer-Flat
6	72-4320	2	Switch-Ball, N.o.
7	354-77	2	Fitting-Quick
7:1	237-78	1	O-Ring
8	354-79	2	Cap-Dust
9	98-8199	2	Bracket-Switch
10	3253-3	4	Washer-Lock
11	329-3	4	Screw-HH
12	98-3906	1	Tube ASM
13	104-0065	1	HYD Hose ASM
14	340-105	3	Fitting-Hyd, 90 DEG
14:1	237-80	1	O-Ring
14:2	237-30	1	O-Ring
15	340-142	1	Fitting-Hyd, 90 DEG
15:1	237-58	1	O-Ring
15:2	237-81	1	O-Ring

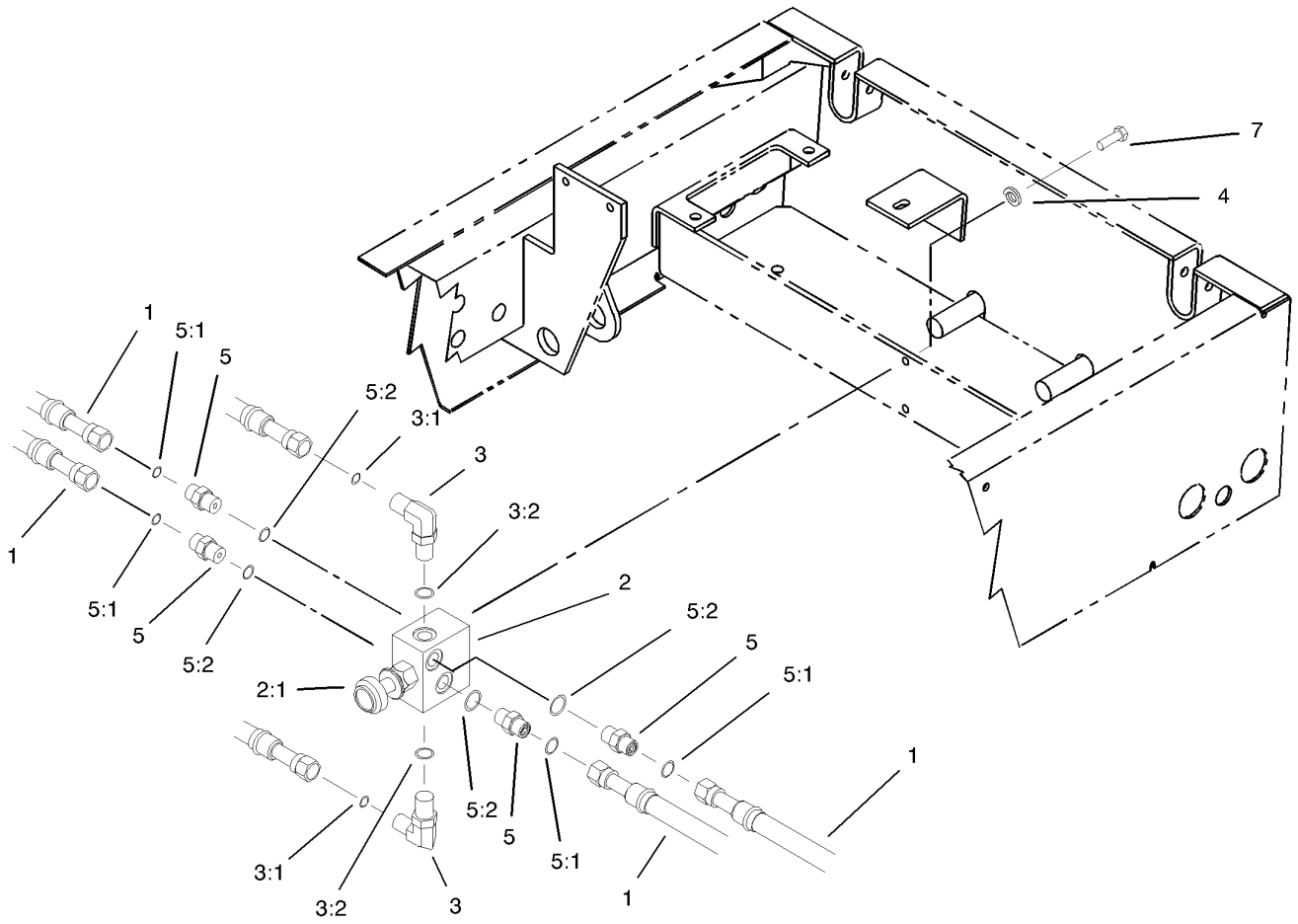
Ref	Part No.	Qty.	Description
16	104-0066	1	HYD Hose ASM
17	3253-4	4	Washer-Lock
18	322-3	4	Screw-HH
19	3290-378	2	Tie-Cable
20	3256-23	4	Washer-Flat



Mow Block Assembly No. 99-6978

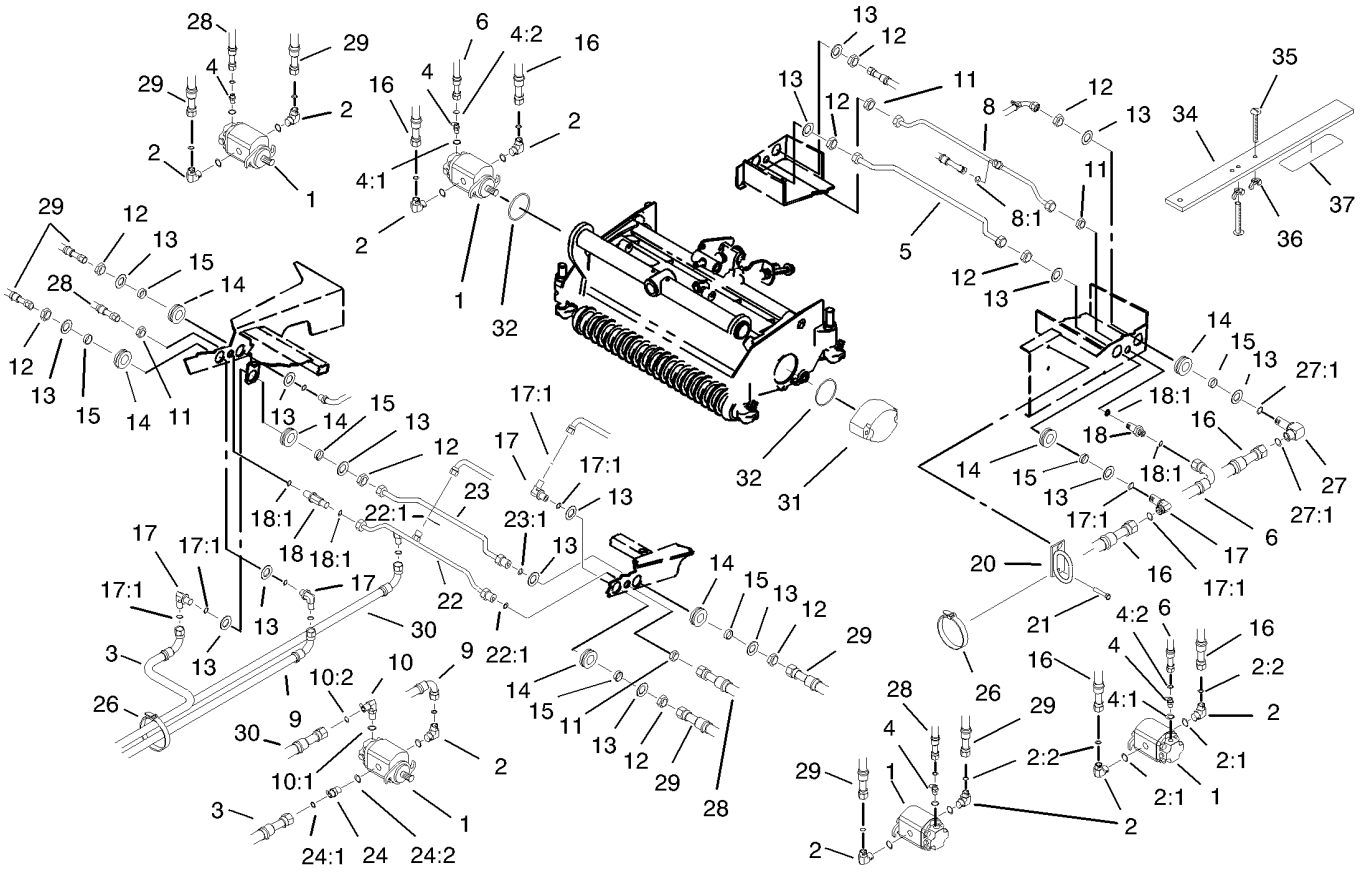
Ref	Part No.	Qty.	Description
❷1		1	Body-Manifold
2	94-3657	2	Spool ASM
2:1	106-1091	1	Seal Kit-Directional Control Valve
❷2:1:1		1	O-Ring
❷2:1:2		1	O-Ring
3	94-8175	2	Control-Flow, Rotary
3:1	106-1090	1	Seal Kit-Rotary Flow Control Valve
❷3:1:1		1	O-Ring
❷3:1:2		1	O-Ring
4	69-4120	2	Cartridge-Logic
4:1	69-4240	1	Seal Kit
5	94-3655	1	Valve-Relief
5:1	95-5645	1	Seal Kit
❷5:1:1		1	O-Ring
❷5:1:2		1	O-Ring
6	104-1200	1	Valve-Relief, Cartridge
7	93-7494	2	Cartridge
7:1	95-5645	1	Seal Kit
❷7:1:1		1	O-Ring
❷7:1:2		1	O-Ring
8	83-2010	2	Coil-Valve
9	106-1024	2	Plug-Leak, Zero
❷10		2	Plug (7mm)
❷11		8	Plug (10mm)

Ref	Part No.	Qty.	Description
12	106-1026	4	Plug-Leak, Zero
13	95-5999	2	Plug-Orifice
14	94-3660	2	Detent Kit
14:1	94-5027	2	Spring
14:2	255-13	2	Ball-Steel, Stainless
14:3	94-5025	1	Plate-Locating
14:4	3218-1	2	Nut-Jam
14:5	94-5020	1	Knob ASM
14:6	94-5026	1	Plate-Indicator
14:7	94-5023	1	Plate-Detent
14:7:1	3245-36	1	Screw-HSH
15	94-6378	2	Detent Kit
15:1	94-5027	2	Spring
15:2	255-13	2	Ball-Steel, Stainless
15:3	94-5021	1	Plate-Locating
15:4	3218-1	2	Nut-Jam
15:5	94-5020	1	Knob ASM
15:6	99-3543	1	Plate-Indicator
15:7	94-5023	1	Plate-Detent
15:7:1	3245-36	1	Screw-HSH



Rear Hydraulic Manifold Assembly

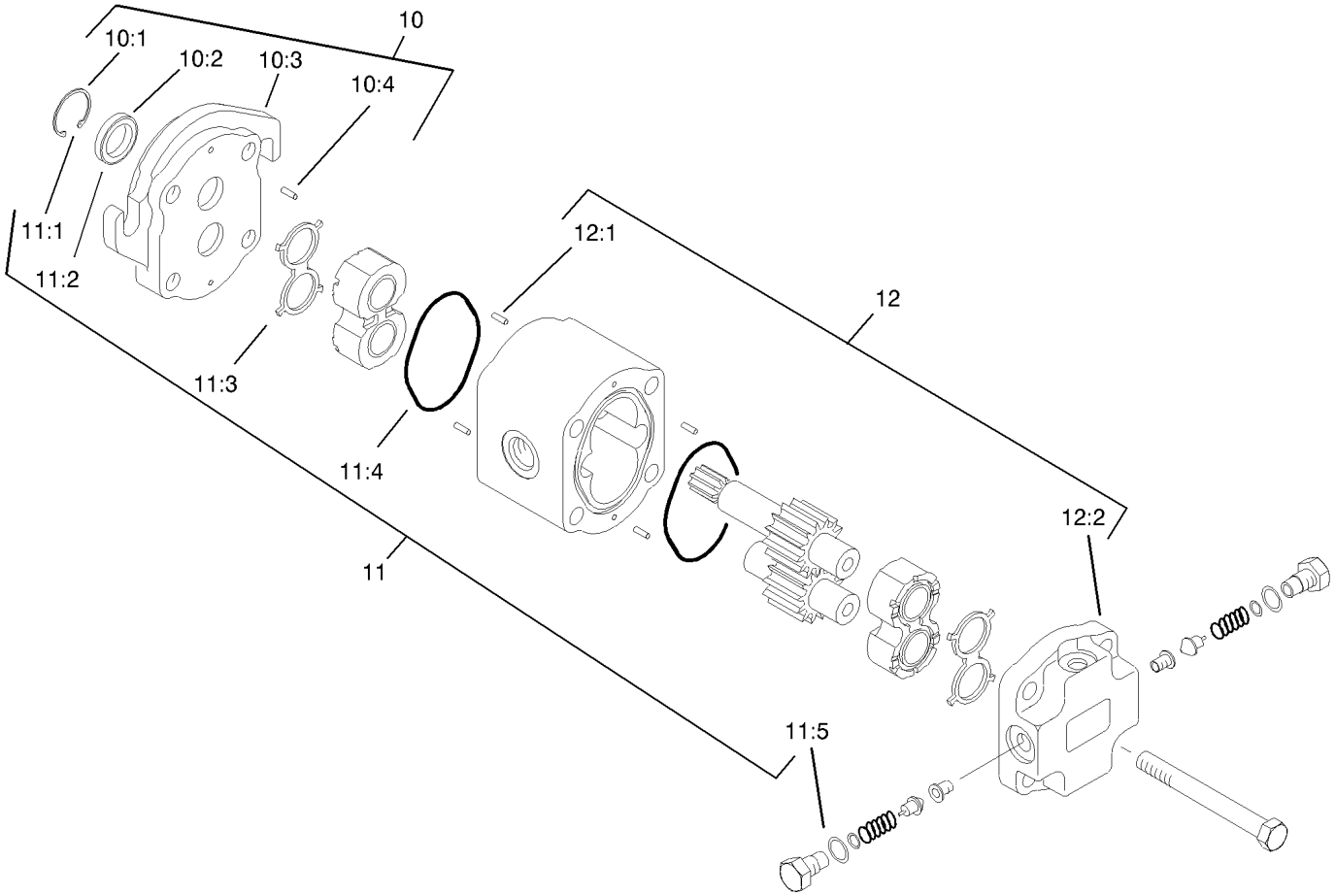
Ref	Part No.	Qty.	Description
1	104-0052	4	HYD Hose ASM
2	104-9250	1	Control-Flow
2:1	107-1800	1	Cartridge Kit
❶2:1:1	105-3334	1	Seal Kit
❶2:1:2	105-7514	1	Cartridge Knob Kit
3	340-77	2	Fitting-Hyd, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	3253-3	2	Washer-Lock
5	340-2	4	Fitting-Hyd, Straight
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
7	321-4	2	Screw-HH



Reel Motor and Hose Assembly

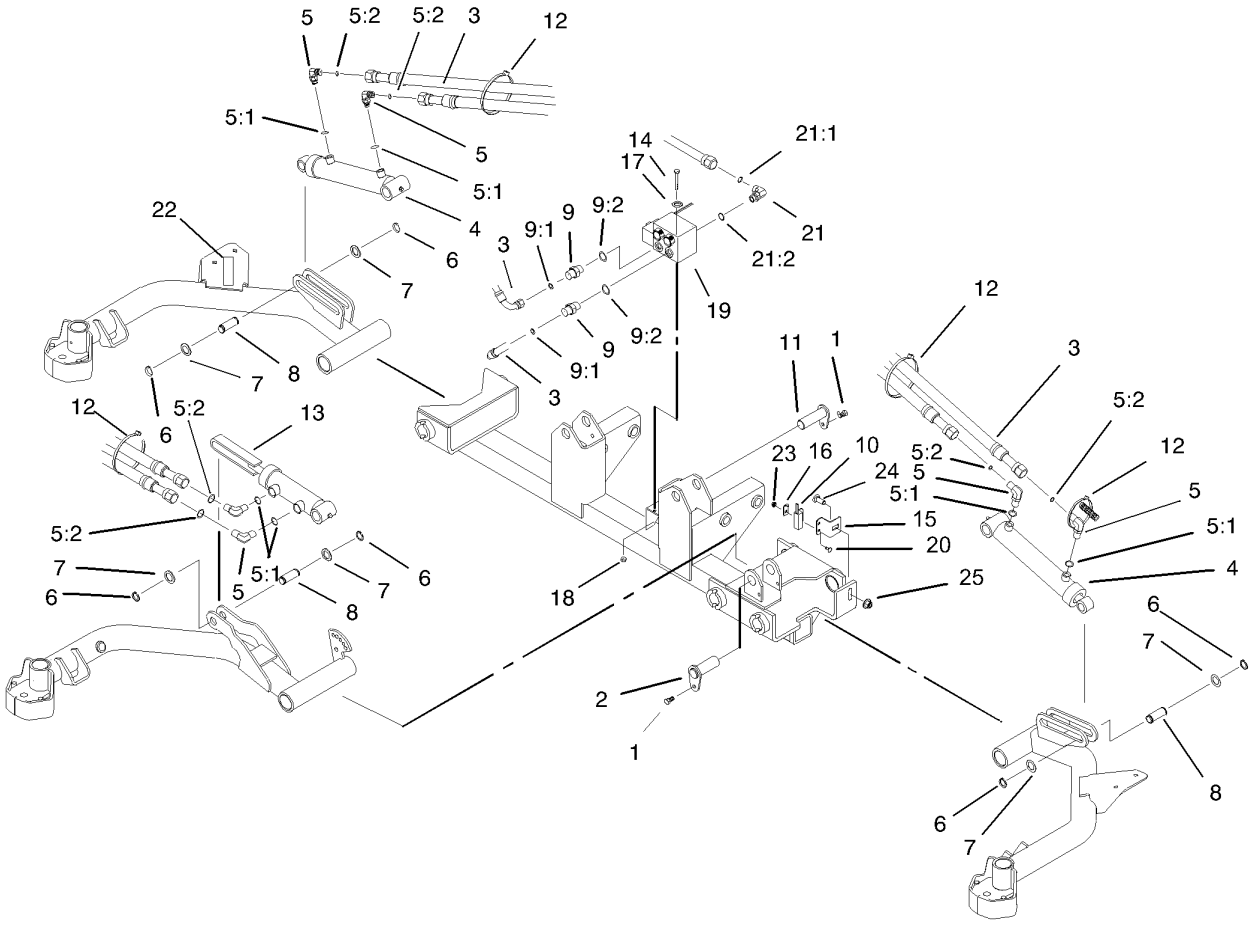
Ref	Part No.	Qty.	Description
1	98-9999	5	HYD Motor ASM
2	340-98	9	Fitting-Hyd, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	104-0067	1	HYD Hose ASM
4	340-92	4	Fitting-Hyd, Straight
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	94-4918	1	Tube ASM
6	104-0058	2	HYD Hose ASM
8	100-3714	1	Drain Tube ASM
8:1	237-21	1	O-Ring
9	104-0068	1	Hydraulic Hose ASM
10	340-132	1	Fitting-Hyd, 90 DEG
10:1	237-78	1	O-Ring
10:2	237-21	1	O-Ring
11	340-70	4	Nut-Lock
12	340-127	9	Nut-Bulkhead
13	69-8930	18	Washer
14	240-5	9	Grommet
15	69-8960	9	Spacer
16	104-0057	4	HYD Hose ASM
17	93-9151	5	Fitting-HYD
17:1	237-30	2	O-Ring

Ref	Part No.	Qty.	Description
18	340-71	3	Fitting-Straight, Bulkhead
18:1	237-22	2	O-Ring
20	104-0028	2	Guide-Hose
21	32104-32	4	Screw-HH
22	104-0094	1	Tube ASM
22:1	237-22	3	O-Ring
23	104-0092	1	Tube ASM
23:1	237-30	1	O-Ring
24	340-4	1	Fitting-Hyd, Sraight
24:1	237-30	1	O-Ring
24:2	237-79	1	O-Ring
26	3290-379	10	Tie-Cable
27	100-3713	2	Fitting-Hyd, 90 DEG
27:1	237-30	2	O-Ring
28	104-0063	2	HYD Hose ASM
29	104-0069	4	HYD Hose ASM
30	104-0064	1	HYD Hose ASM
31	105-4011-03	5	Weight-End
32	93-9783	10	O-Ring
34	98-1851	1	Bar-Gauge
35	32122-54	2	Screw-Head, Truss
36	32103-3	2	Nut-Wing
37	98-7976	1	Decal-Bar, Gauge



Hydraulic Motor Assembly No. 98-9999

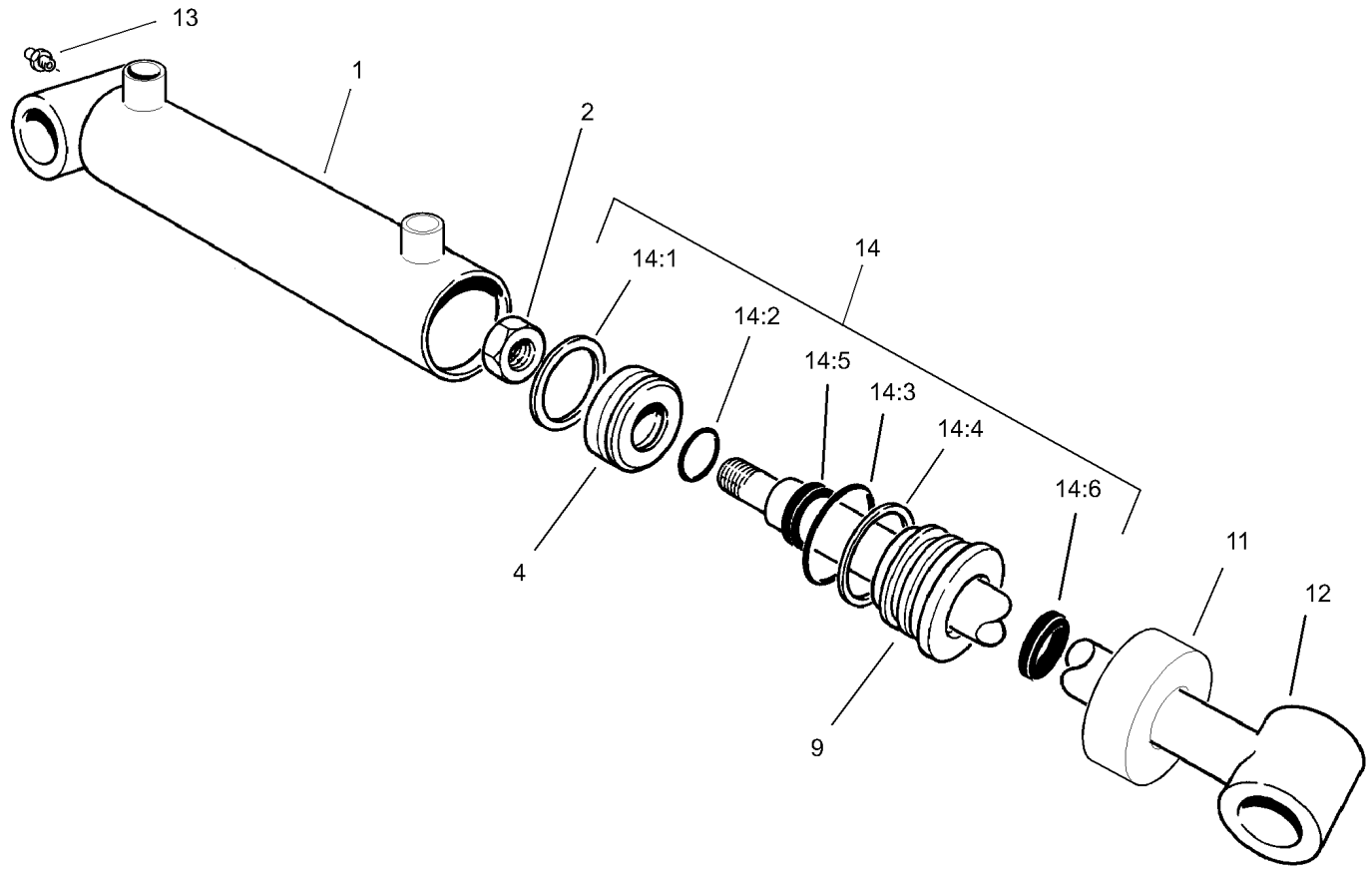
Ref	Part No.	Qty.	Description
10	93-9152	1	Flange Kit
❷10:1		1	Ring-Retaining
❷10:2		1	Seal-Shaft
❷10:3		1	Flange
❷10:4		4	Pin-Dowel
11	98-9997	1	Seal Kit
❷11:1		1	Ring-Retaining
❷11:2		1	Seal-Shaft
❷11:3		2	E-Seal
❷11:4		2	O-Ring
❷11:5		2	O-Ring
12	93-9154	1	Valve Block Kit
❷12:1		4	Pin-Dowel
❷12:2		1	Block-Valve



Front Lift Circuit Assembly

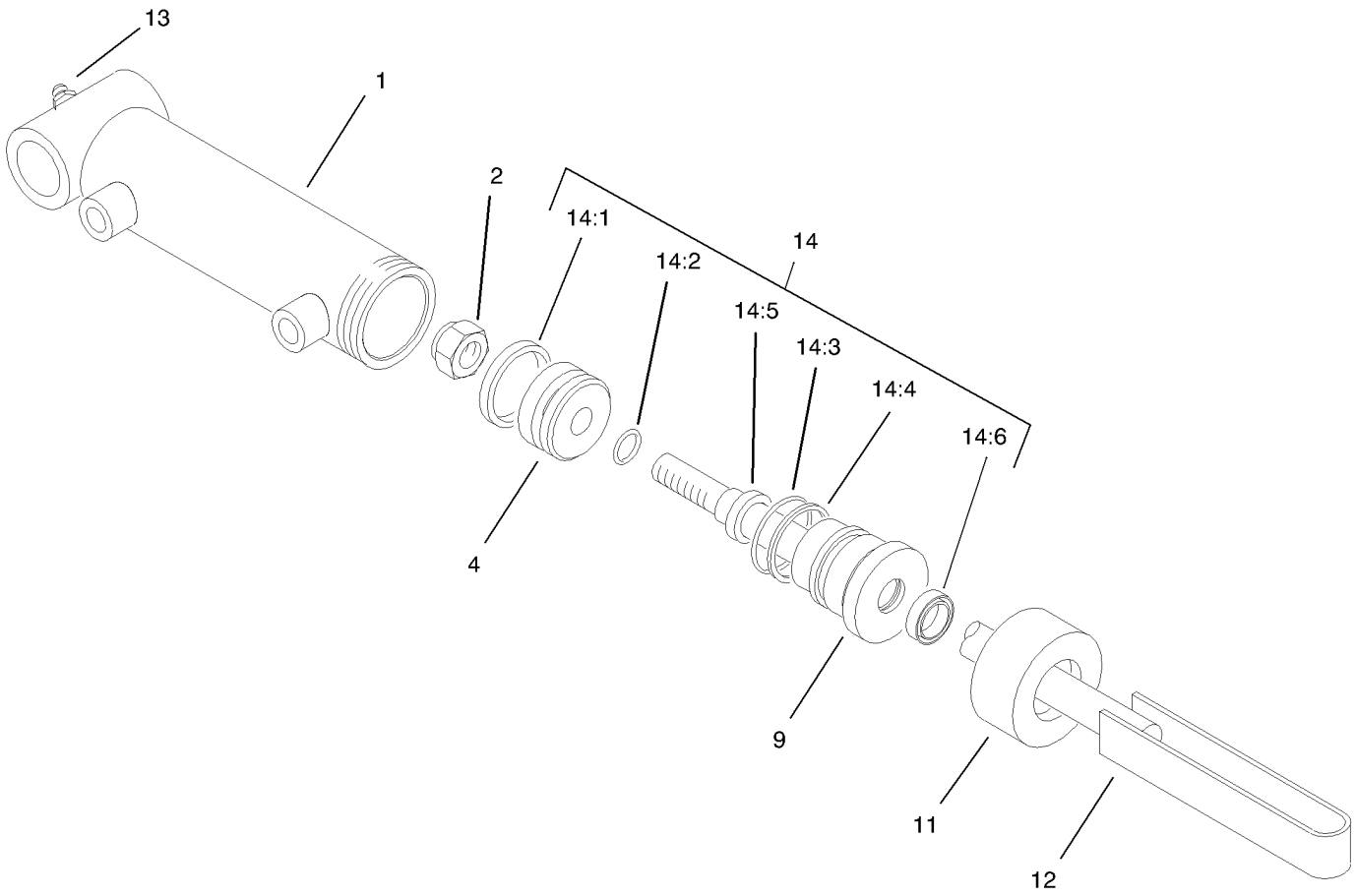
Ref	Part No.	Qty.	Description
1	32144-14	3	Screw-HWH
2	106-9208	1	Short Cylinder Pin ASM
3	104-0059	2	HYD Hose ASM
4	99-6986	2	Cylinder-HYD
5	340-132	6	Fitting-Hyd, 90 DEG
5:1	237-78	1	O-Ring
5:2	237-21	1	O-Ring
6	32120-93	6	Ring-Retaining
7	3-6498	6	Washer-Thrust
8	104-0046	3	Pin-Slide, Cylinder
9	340-2	2	Fitting-Hyd, Straight
9:1	237-22	1	O-Ring
9:2	237-42	1	O-Ring
10	100-1270	1	Switch-Proximity
11	105-9889	2	Cylinder Pin ASM
12	3290-378	2	Tie-Cable
13	99-6987	1	Cylinder-HYD
14	321-23	2	Screw-HH
15	106-5954	1	Bracket-Switch
16	100-4872	1	Plate-Switch, Neutral
17	3256-1	2	Washer-Flat
18	3296-42	2	Nut-Lock, NI
19	105-3303	1	Flow Divider Valve ASM
20	104-1450	1	Bolt-CARR

Ref	Part No.	Qty.	Description
21	340-77	1	Fitting-Hyd, 90 DEG
21:1	237-22	1	O-Ring
21:2	237-42	1	O-Ring
22	93-6687	1	Decal-No Step
23	32149-7	1	Nut-Keps
24	3231-22	1	Screw-CARR
25	32128-43	1	Nut-Flange



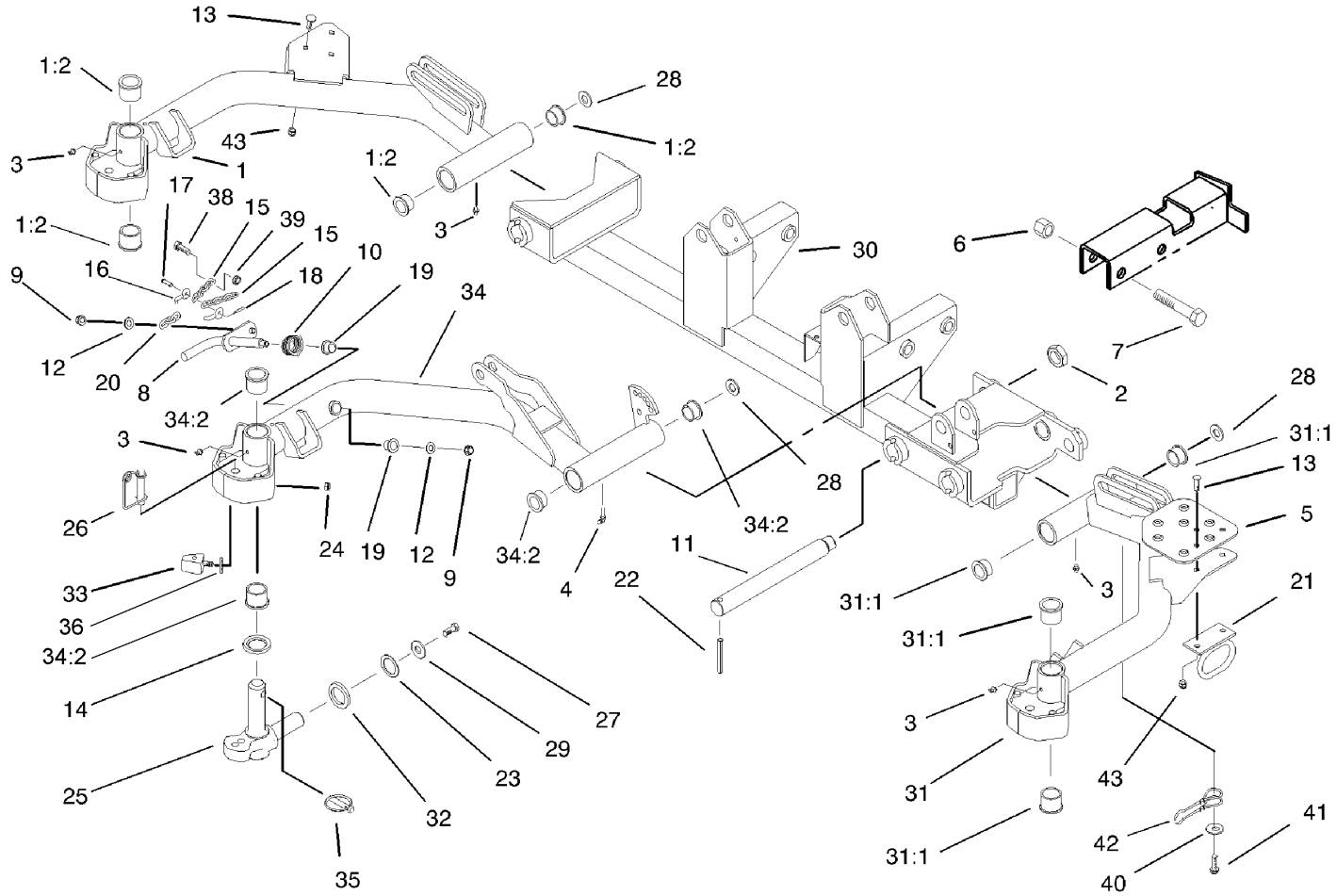
Hydraulic Cylinder Assembly No. 99-6986

Ref	Part No.	Qty.	Description
❷1		1	Barrel
2	32152-10	1	Locknut
❷4		1	Piston
❷9		1	Head
❷11		1	Collar
❷12		1	Shaft W/clevis
❷13		1	Fitting-Grease
14	100-8023	1	Seal Repair Kit
❷14:1		1	Seal-Psp
❷14:2		1	O-Ring
❷14:3		1	O-Ring
❷14:4		1	Backup
❷14:5		1	Seal-Rod
❷14:6		1	Seal-Dust



Hydraulic Cylinder Assembly No. 99-6987

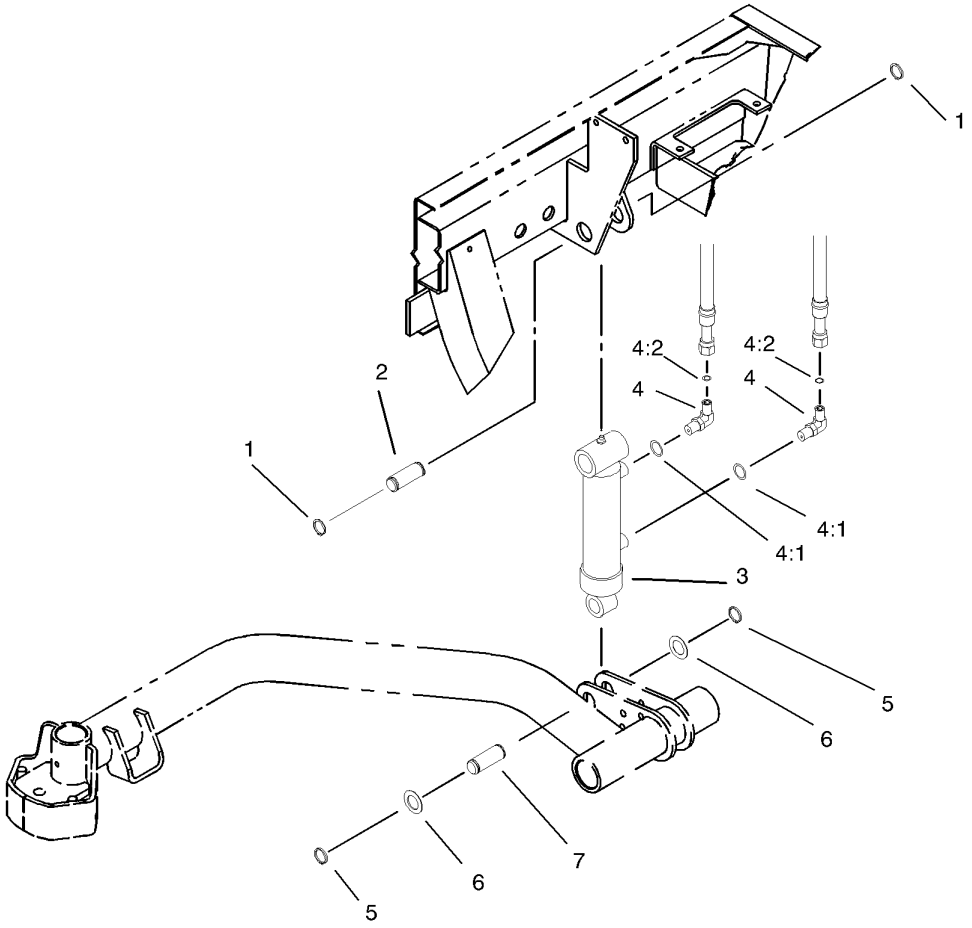
Ref	Part No.	Qty.	Description
❷1		1	Barrel
2	32152-10	1	Locknut
❷4		1	Piston
❷9		1	Head
❷11		1	Collar
❷12		1	Shaft W/clevis
❷13		1	Fitting-Grease
14	100-8023	1	Seal Repair Kit
❷14:1		1	Seal-Psp
❷14:2		1	O-Ring
❷14:3		1	O-Ring
❷14:4		1	Backup
❷14:5		1	Seal-Rod
❷14:6		1	Seal-Dust



Front Lift Arm Assembly

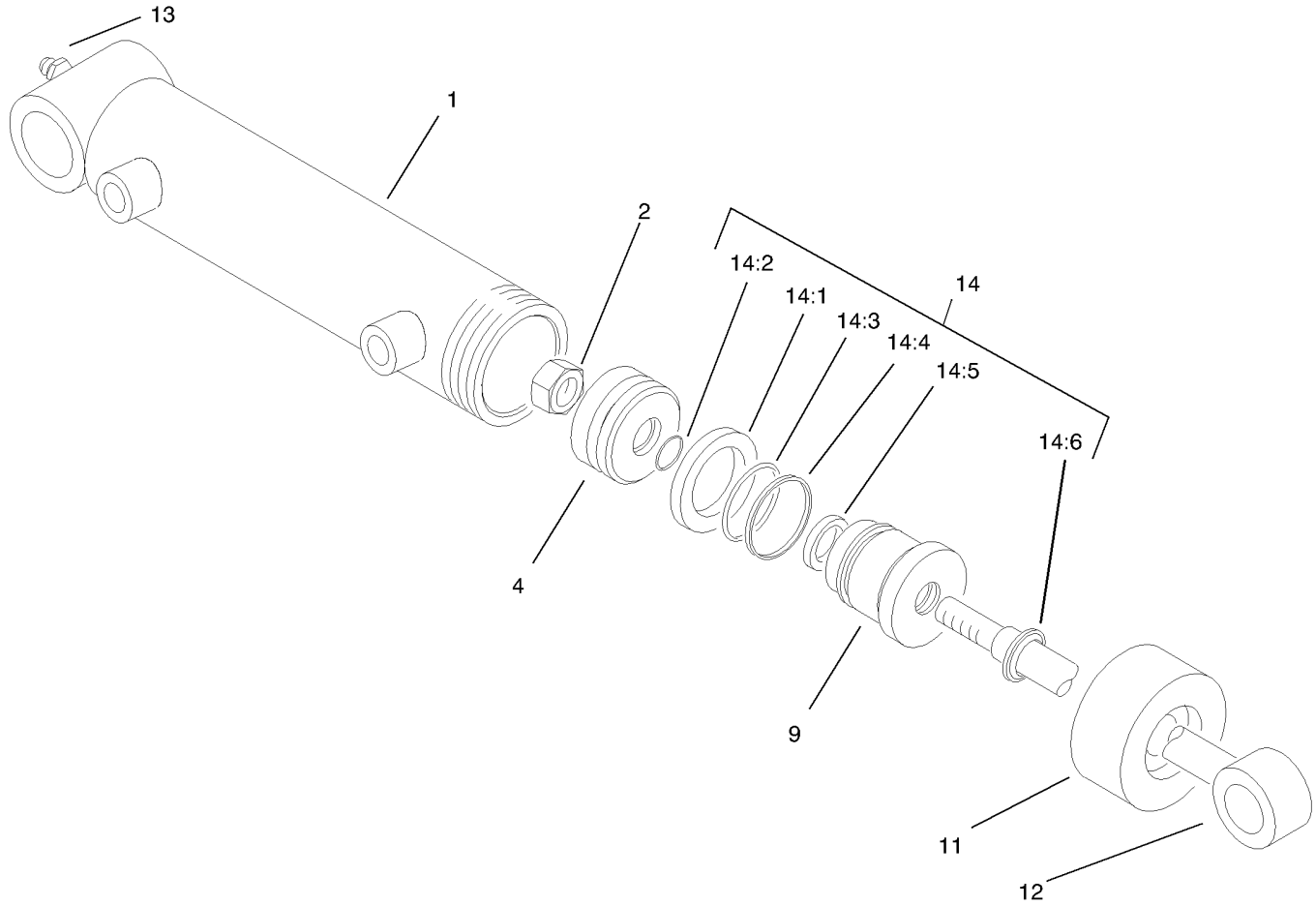
Ref	Part No.	Qty.	Description
1	99-6905-03	1	Arm ASM #5
1:2	104-0015	2	Bushing-Flange
2	3296-49	3	Nut-Lock, NI
3	302-5	5	Fitting-Grease
4	302-60	1	Fitting-Grease
5	104-1438-03	1	Step-Perforated
6	3296-51	4	Nut-Lock, NI
7	328-7	4	Screw-HH
8	99-6941-03	1	Pivot Rod ASM
9	3296-39	2	Nut-Lock, NI
10	98-3929	1	Spring-Torsion
11	95-7158	3	Pin-Pivot
12	3256-24	2	Washer-Flat
13	3230-1	5	Bolt-CARR
14	94-8946	3	Washer-Thrust
15	5-1096	2	Chain-Lift
16	282-4	1	Shackle
17	283-6	1	Pin-Clevis
18	3272-10	1	Pin-Cotter
19	256-287	2	Bushing
20	104-1413	1	Chain-Link, Straight
21	104-0028	2	Guide-Hose
22	32121-110	3	Pin-Roll, Slotted
23	3-6781	3	Washer-Thrust

Ref	Part No.	Qty.	Description
24	3296-29	6	Nut-Lock, NI
25	98-1880-03	3	Knuckle-Pivot
26	99-5610	3	Pin
27	98-7993	3	Screw-HHF
28	76-2980	3	Washer-Thrust
29	3256-6	3	Washer-Flat
30	106-5952-03	1	Frame-Carrier, Front
31	106-7067-03	1	Liftarm ASM #4
31:1	104-0015	2	Bushing-Flange
32	98-7974	3	Washer-Thrust
33	106-9004	6	Bumper
34	99-6901-03	1	Arm ASM #1
34:2	104-0015	2	Bushing-Flange
35	283-71	3	Pin-Lynch
36	3255-8	6	Washer-Lock
38	323-6	1	Screw-HH
39	32128-21	1	Nut-HF
40	3256-57	2	Washer-Flat
41	32144-26	2	Screw-Flow
42	98-3936	2	Lanyard
43	3296-47	5	Nut-Lock, NI



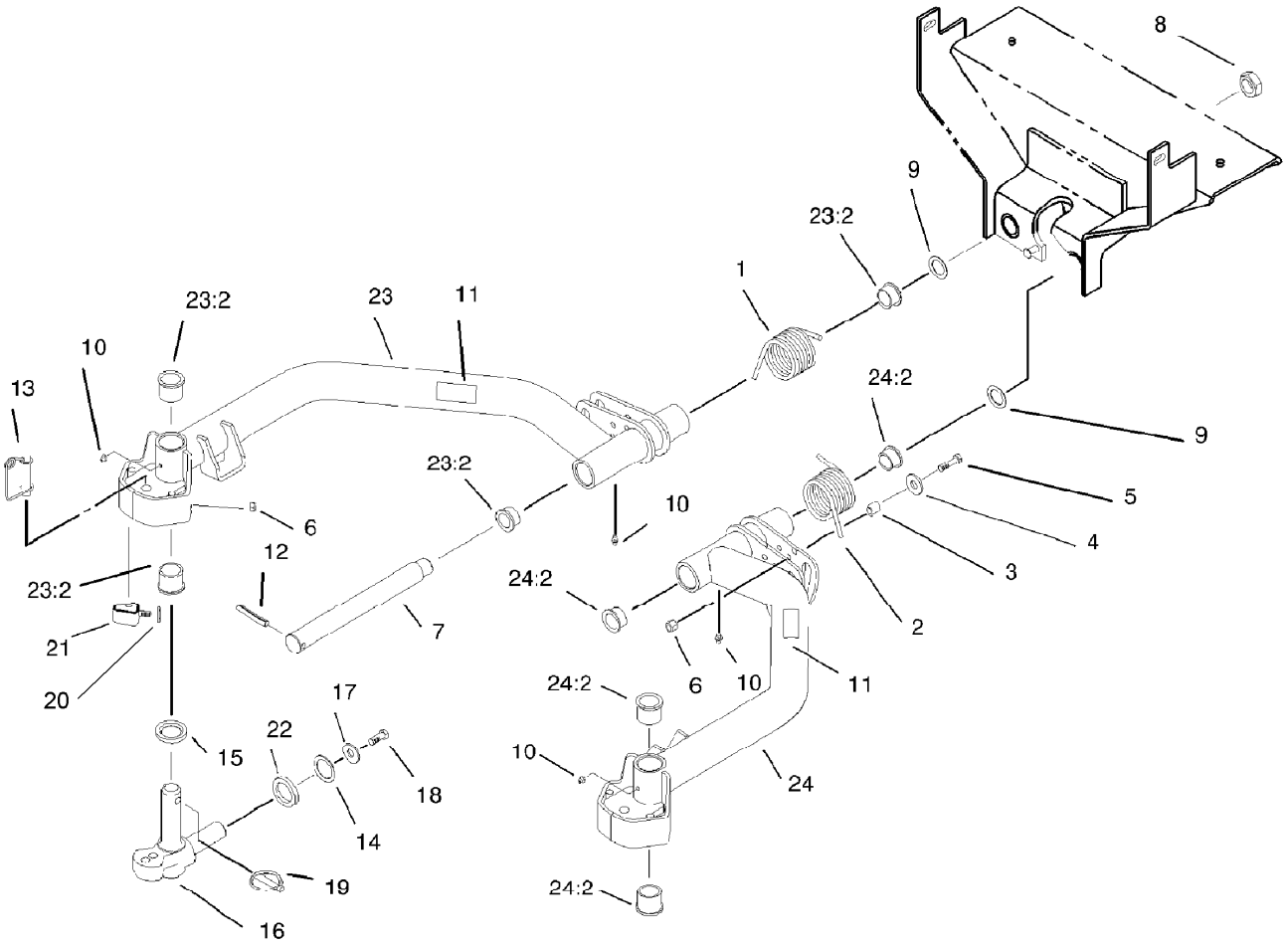
Rear Lift Cylinder Assembly

Ref	Part No.	Qty.	Description
1	32151-36	4	Ring-Retaining
2	75-5360	2	Pin-Cylinder
3	98-3945	2	Cylinder-Hydraulic
4	340-132	4	Fitting-Hyd, 90 DEG
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	32120-93	4	Ring-Retaining
6	3-6498	4	Washer-Thrust
7	104-0046	2	Pin-Slide, Cylinder



Hydraulic Cylinder Assembly No. 98-3945

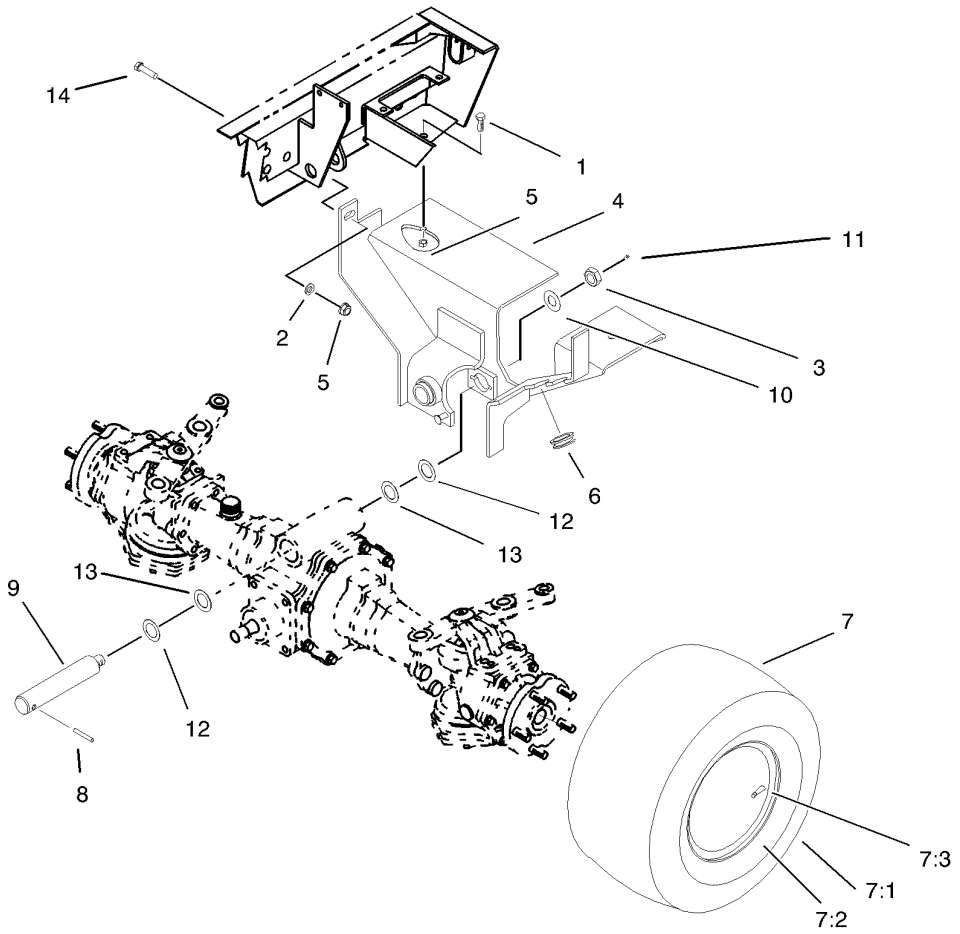
Ref	Part No.	Qty.	Description
❷1		1	Barrel
2	32152-10	1	Locknut
❷4		1	Piston
❷9		1	Head
❷11		1	Collar
❷12		1	Shaft W/clevis
❷13		1	Fitting-Grease
14	100-8023	1	Seal Repair Kit
❷14:1		1	Seal-Psp
❷14:2		1	O-Ring
❷14:3		1	O-Ring
❷14:4		1	Backup
❷14:5		1	Seal-Rod
❷14:6		1	Seal-Dust



Rear Lift Arm Assembly

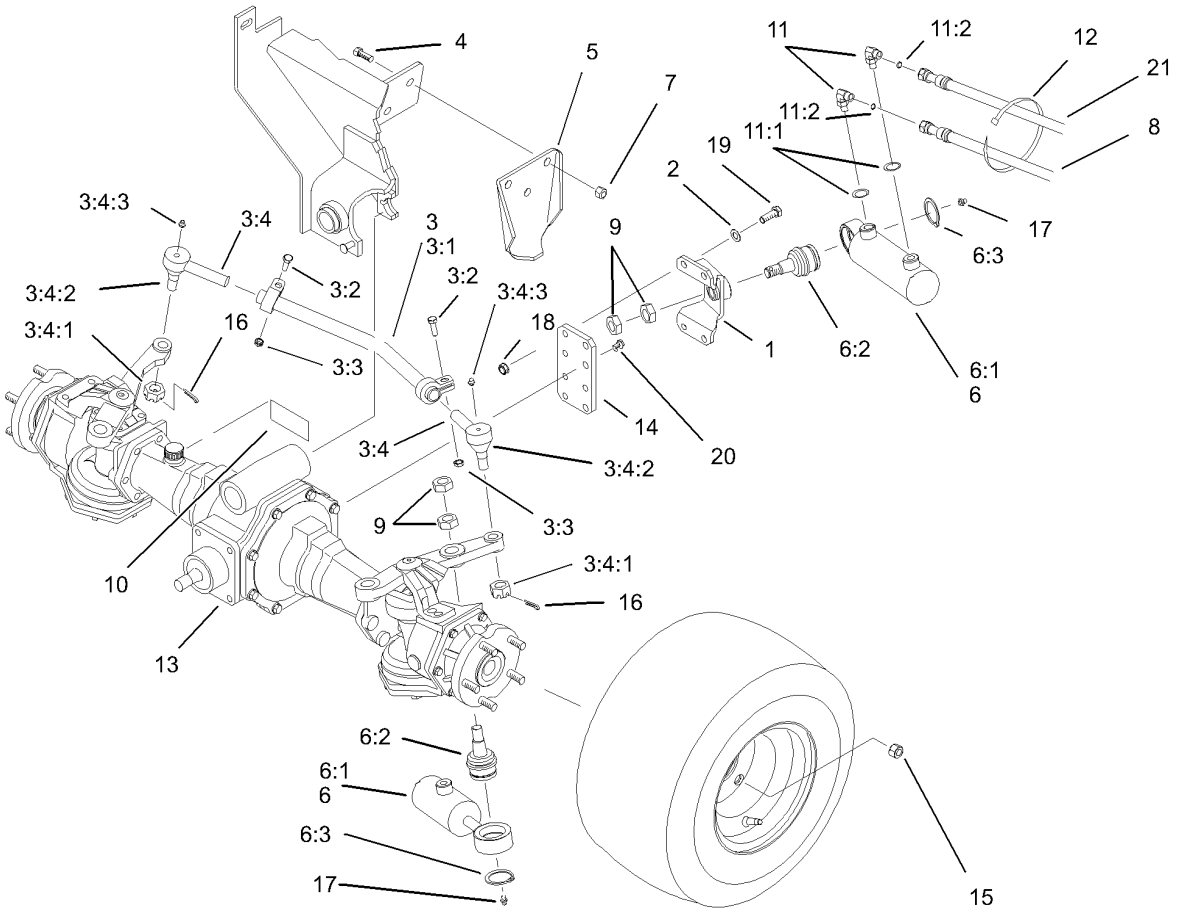
Ref	Part No.	Qty.	Description
1	99-5608-03	1	Spring-Torsion, RH
2	99-5609-03	1	Spring-Torsion, LH
3	82-6840	2	Spacer
4	3256-35	2	Washer-Flat
5	322-7	2	Screw-HH
6	3296-29	6	Nut-Lock, NI
7	95-7158	2	Pin-Pivot
8	3296-49	2	Nut-Lock, NI
9	76-2980	2	Washer-Thrust
10	302-5	4	Fitting-Grease
11	93-6696	2	Decal-Warning
12	32121-110	2	Pin-Roll, Slotted
13	99-5610	2	Pin
14	3-6781	2	Washer-Thrust
15	94-8946	2	Washer-Thrust
16	98-1880-03	2	Knuckle-Pivot
17	3256-6	2	Washer-Flat
18	98-7993	2	Screw-HHF
19	283-71	2	Pin-Lynch
20	3255-8	4	Washer-Lock
21	106-9004	4	Bumper
22	98-7974	2	Washer-Thrust
23	99-6903-03	1	Arm ASM #3
23:2	104-0015	2	Bushing-Flange

Ref	Part No.	Qty.	Description
24	99-6902-03	1	Arm ASM #2
24:2	104-0015	2	Bushing-Flange



Rear Axle Support Assembly

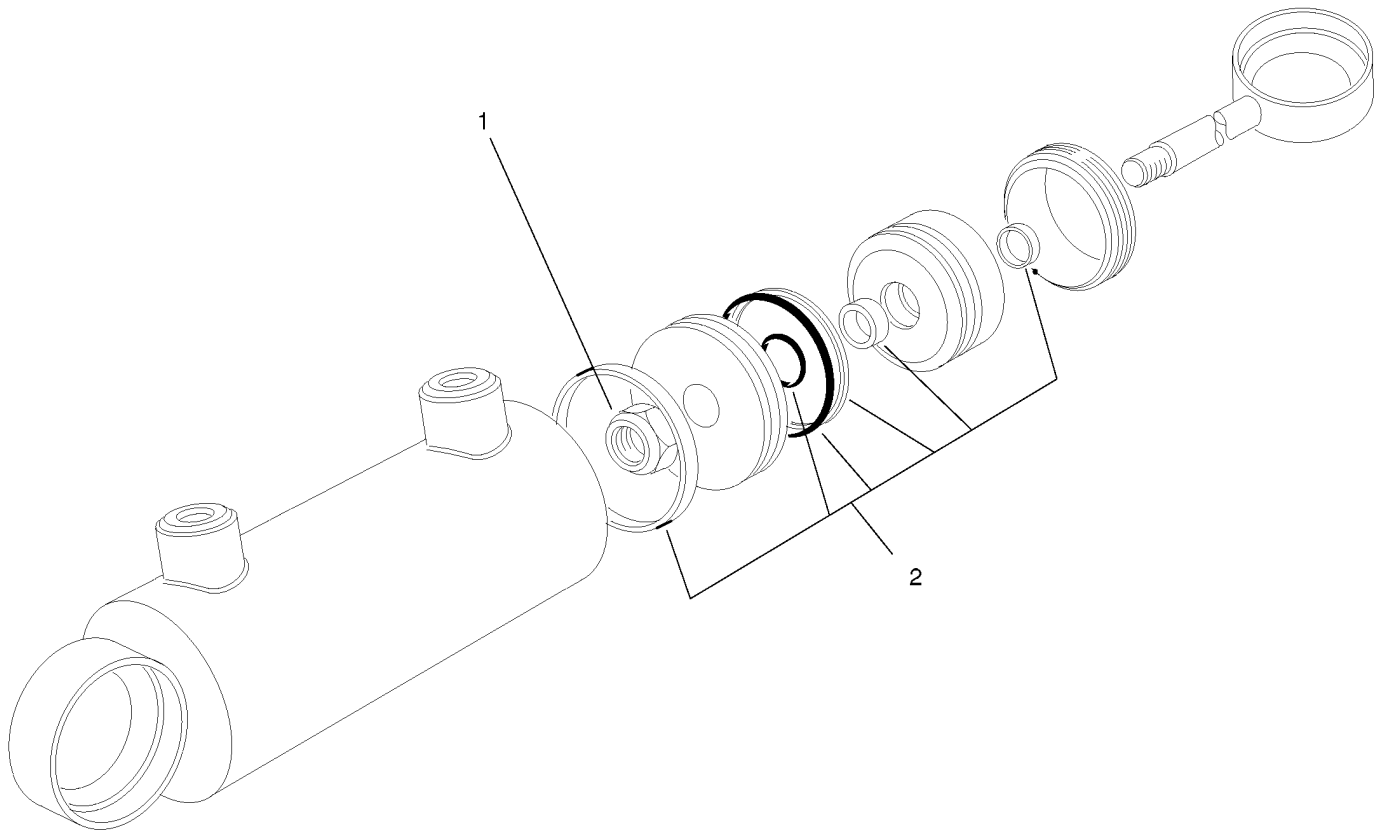
Ref	Part No.	Qty.	Description
1	323-7	2	Screw-HH
2	3256-24	2	Washer-Flat
3	32146-20	1	Nut-Jam
4	99-6940-03	1	Axle Support ASM
5	3296-39	4	Nut-Lock, NI
6	237-165	2	Grommet
❷7		2	Tire & Wheel ASM
7:1	86-5910	1	Tire
7:2	100-2582	1	Rim
7:3	232-27	1	Stem-Valve
8	32121-32	1	Pin-Roll
9	98-8173-03	1	Pin-Pivot, Axle
10	71-4540	1	Washer-Thrust
11	302-2	1	Fitting-Grease
12	99-8431	2	Washer-Thrust
13	99-8432	2	Washer-Thrust
14	323-13	2	Screw-HH



4 Wheel Drive Rear Axle Assembly

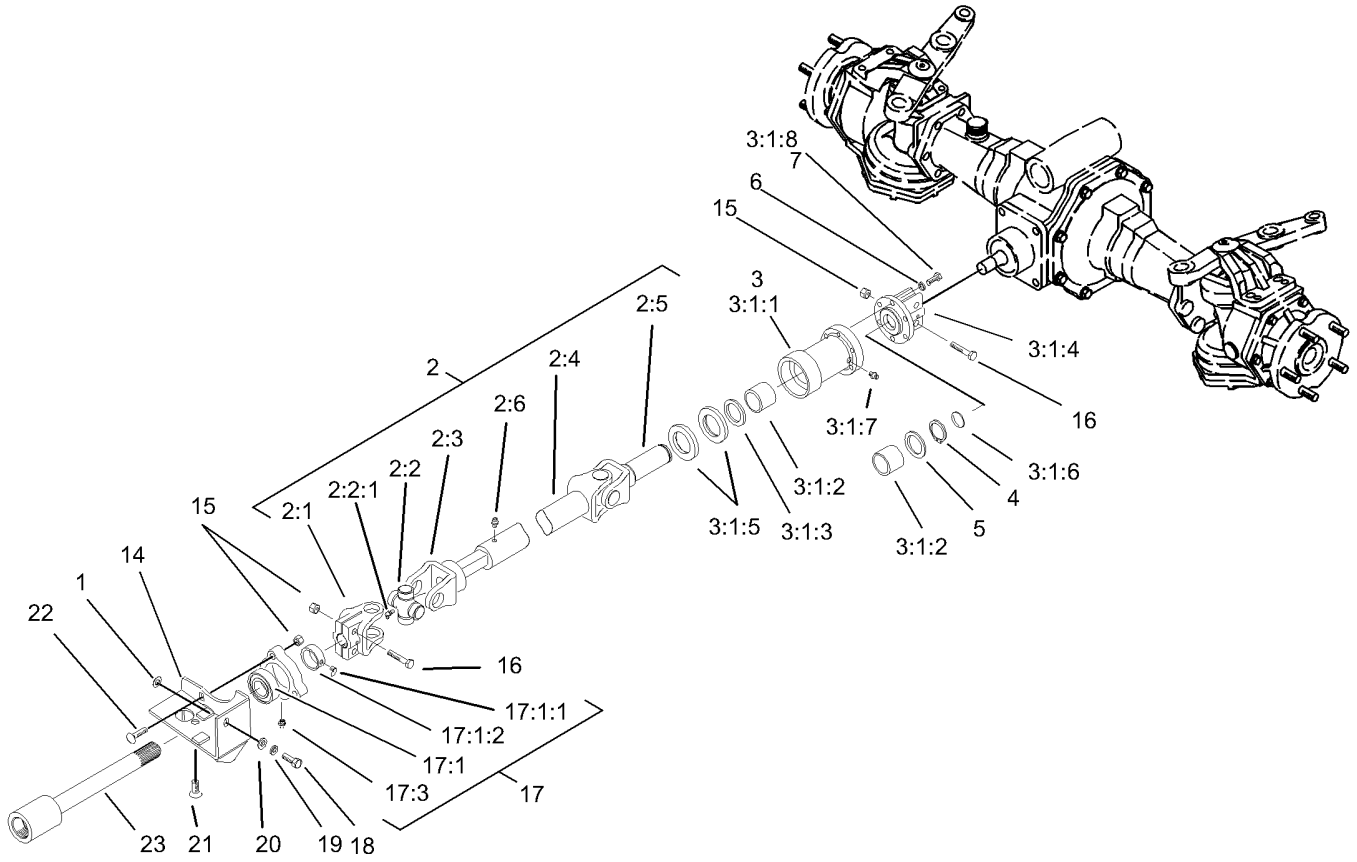
Ref	Part No.	Qty.	Description
1	98-3948-03	1	Mount-Cylinder
2	48-9220	4	Washer
3	98-3932	1	Tie Rod ASM
3:1	99-8996	1	Tube And Clamp ASM
3:2	323-9	2	Screw-HH
3:3	3296-39	2	Nut-Lock, NI
3:4	71-4740	2	End-Rod, Tie
3:4:1	105-7941	1	Nut-Hex, Slotted
3:4:2	105-7835	1	Seal
3:4:3	302-5	1	Fitting-Grease
4	325-5	6	Screw-HH
5	99-6966-03	2	Stop-Axle
❷6		1	Steering Cylinder ASM
6:1	98-8163	1	Cylinder-Steering
6:2	106-6774	2	Joint-Ball
6:3	32151-104	2	Ring-Retaining, External
7	3296-23	6	Nut-Lock, NI
8	104-1494	1	HYD Hose ASM
9	3220-6	4	Nut-Jam
10	93-6697	1	Decal-Lube
11	340-132	2	Fitting-Hyd, 90 DEG
11:1	237-78	1	O-Ring
11:2	237-21	1	O-Ring
12	3290-378	1	Tie-Cable

Ref	Part No.	Qty.	Description
13	98-3925	1	Drive Axle ASM
14	98-8198-03	1	Plate-Bracket, Cylinder
15	93-5268	10	Nut-Lug
16	3272-11	2	Pin-Cotter
17	302-5	2	Fitting-Grease
18	3296-39	4	Nut-Lock, NI
19	323-8	4	Screw-HH
20	95-8812	4	Screw-HH
21	105-9295	1	Hose ASM



Hydraulic Cylinder Assembly No. 98-8163

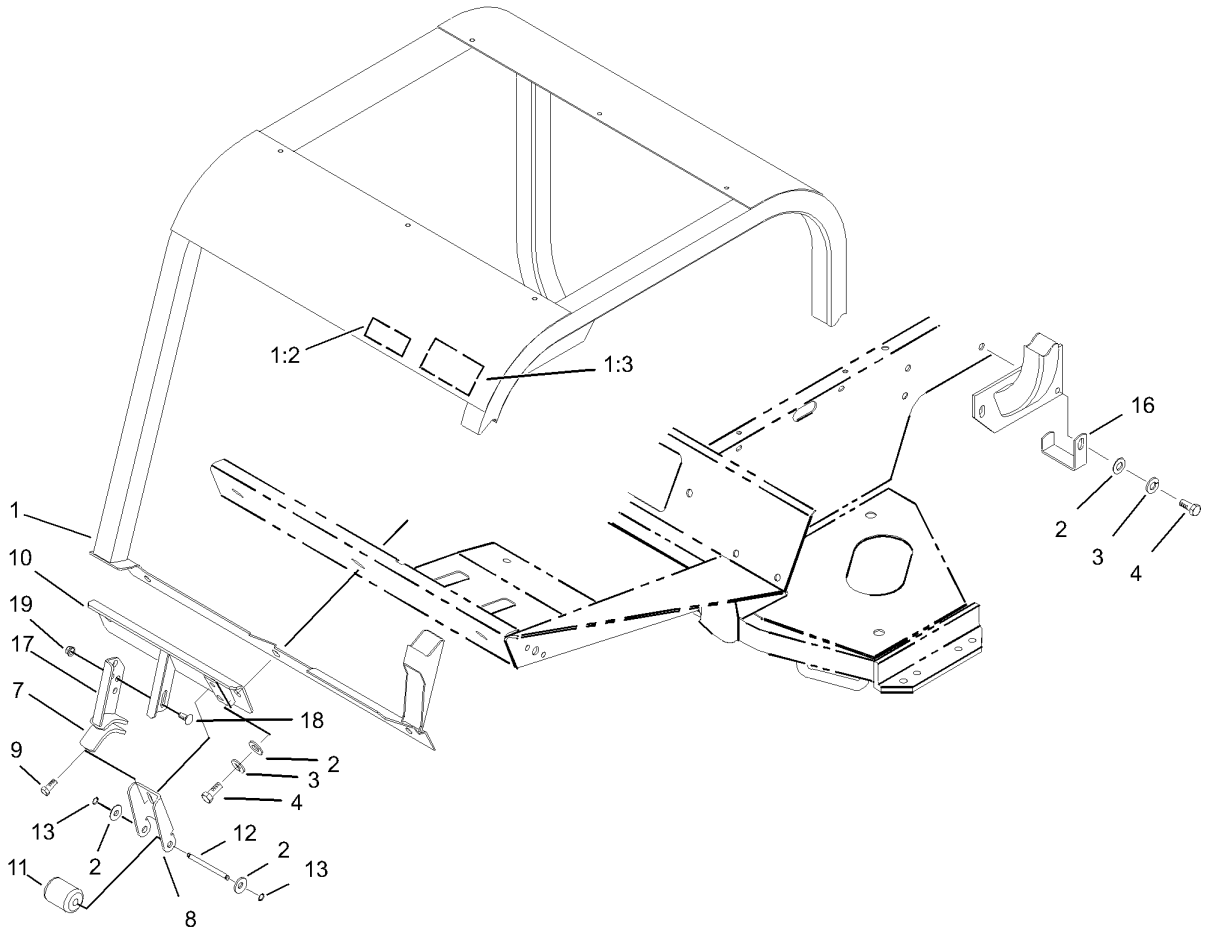
Ref	Part No.	Qty.	Description
1	32152-10	1	Locknut
2	100-8022	1	Seal Repair Kit



4 Wheel Drive Shaft Assembly

Ref	Part No.	Qty.	Description
1	83-7470	2	Shim
2	99-6976	1	Driveshaft
2:1	54-9090	1	Yoke-End
2:2	54-9180	2	U-Joint Kit
2:2:1	62-3820	1	Fitting-Grease
2:3	104-1693	1	Yoke And Shaft
2:4	83-5260	1	Tube-Yoke, Slip
2:5	72-3440	1	Shaft-Yoke
2:6	302-56	1	Fitting-Grease
❷3		1	Clutch Housing ASM
3:1:1	71-4570-03	1	Housing-Clutch, Roller
3:1:2	71-4580	2	Bearing
3:1:3	71-4590	1	Washer-Thrust
3:1:4	76-4690-03	1	Coupling-Axle
3:1:5	253-155	2	Seal-Oil
3:1:6	284-3	1	Plug
3:1:7	302-5	1	Fitting-Grease
3:1:8	3274-8	1	Screw-HSH
4	32151-87	1	Ring-Retaining
5	71-4590	2	Washer-Thrust
6	3253-3	6	Washer-Lock
7	3274-8	6	Screw-HSH
14	83-4970-03	1	Bracket-Bearing
15	3296-29	7	Nut-Lock, NI

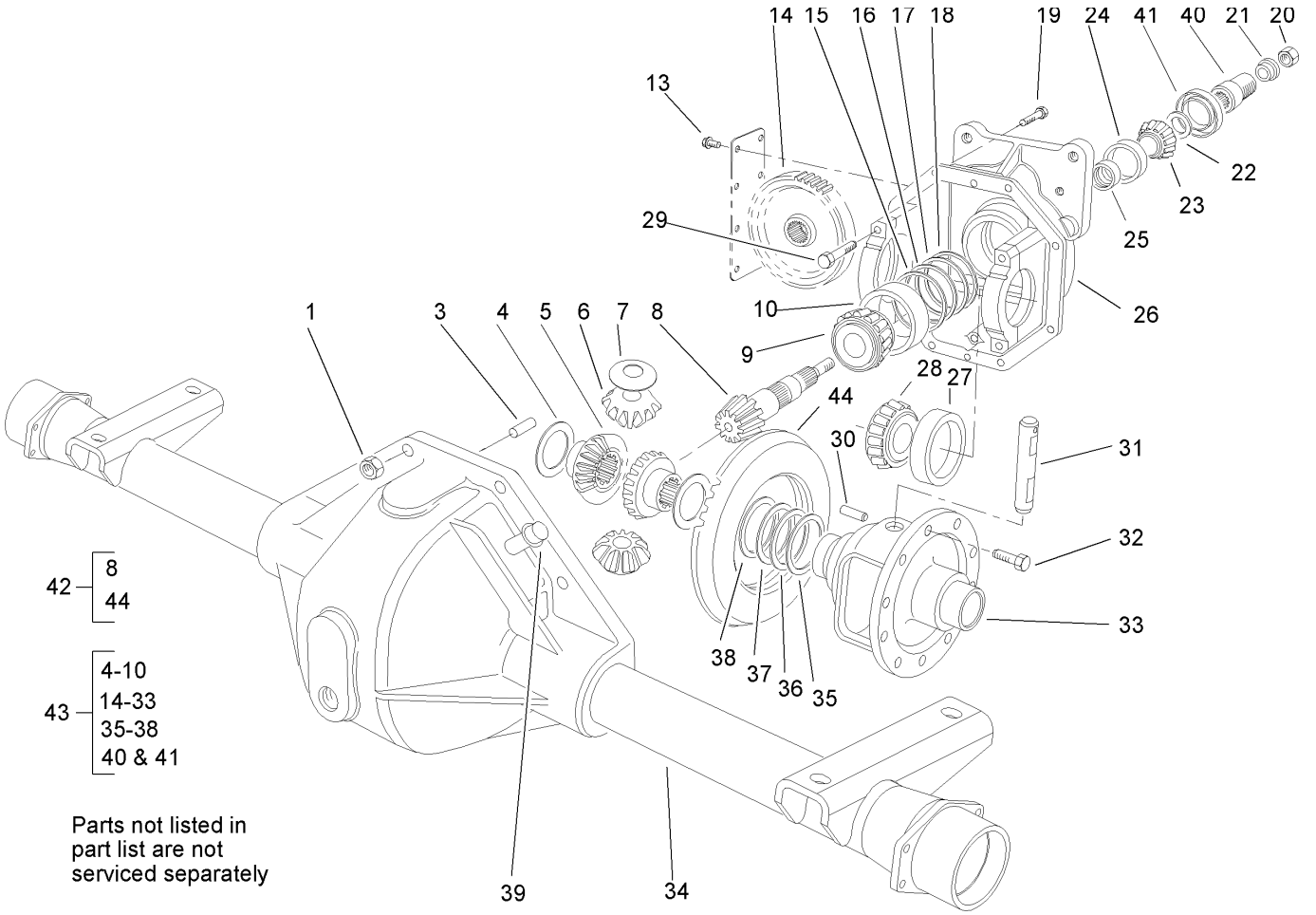
Ref	Part No.	Qty.	Description
16	322-8	4	Screw-HH
17	76-2460	1	Bearing ASM
17:1	94-3405	1	Bearing-Ball
17:1:1	3245-35	1	Screw-HS
17:1:2	251-77	1	Lockcollar-Bearing
17:3	302-5	1	Fitting-Grease
18	48-9460	1	Screw-HH
19	42-9850	1	Washer-Lock, Spring
20	48-8030	1	Washer
21	3274-34	1	Screw-HSFH
22	3230-3	3	Screw-CARR
23	83-4900-03	1	Shaft-Traction



Roll-Over-Protection-System and Stabilizer Assembly

Ref	Part No.	Qty.	Description
1	104-1248	1	Rops ASM
1:2	85-9980	1	Decal
1:3	93-8050	1	Decal-Roof, Rops
2	3256-26	11	Washer-Flat
3	3253-7	9	Washer-Lock
4	325-5	9	Screw-HH
7	104-1411	1	Guard-Stabilizer
8	99-6938-03	1	Bracket-Tipper
9	3234-1	2	Screw-HHF
10	98-3900-03	1	Stabilizer ASM
11	75-5390	1	Roller
12	75-5400	1	Pin-Roller
13	32151-61	2	Ring-Retaining
16	98-3928	2	Clamp-Hose
17	104-1471-03	1	Saddle ASM
18	3231-2	2	Screw-CARR
19	3296-39	2	Nut-Lock, NI

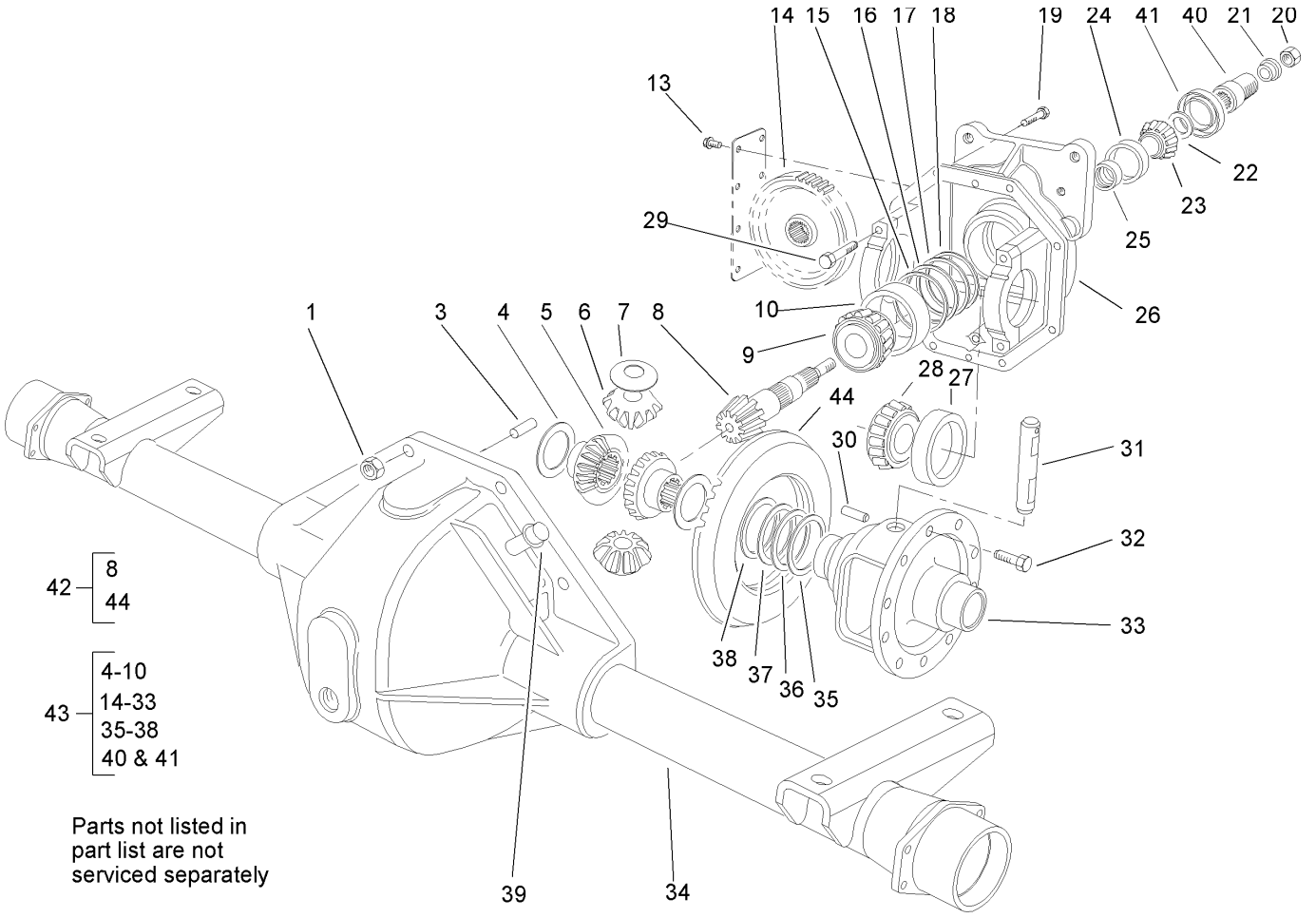
3350-416



Drive Axle Assembly No. 106-9212-03

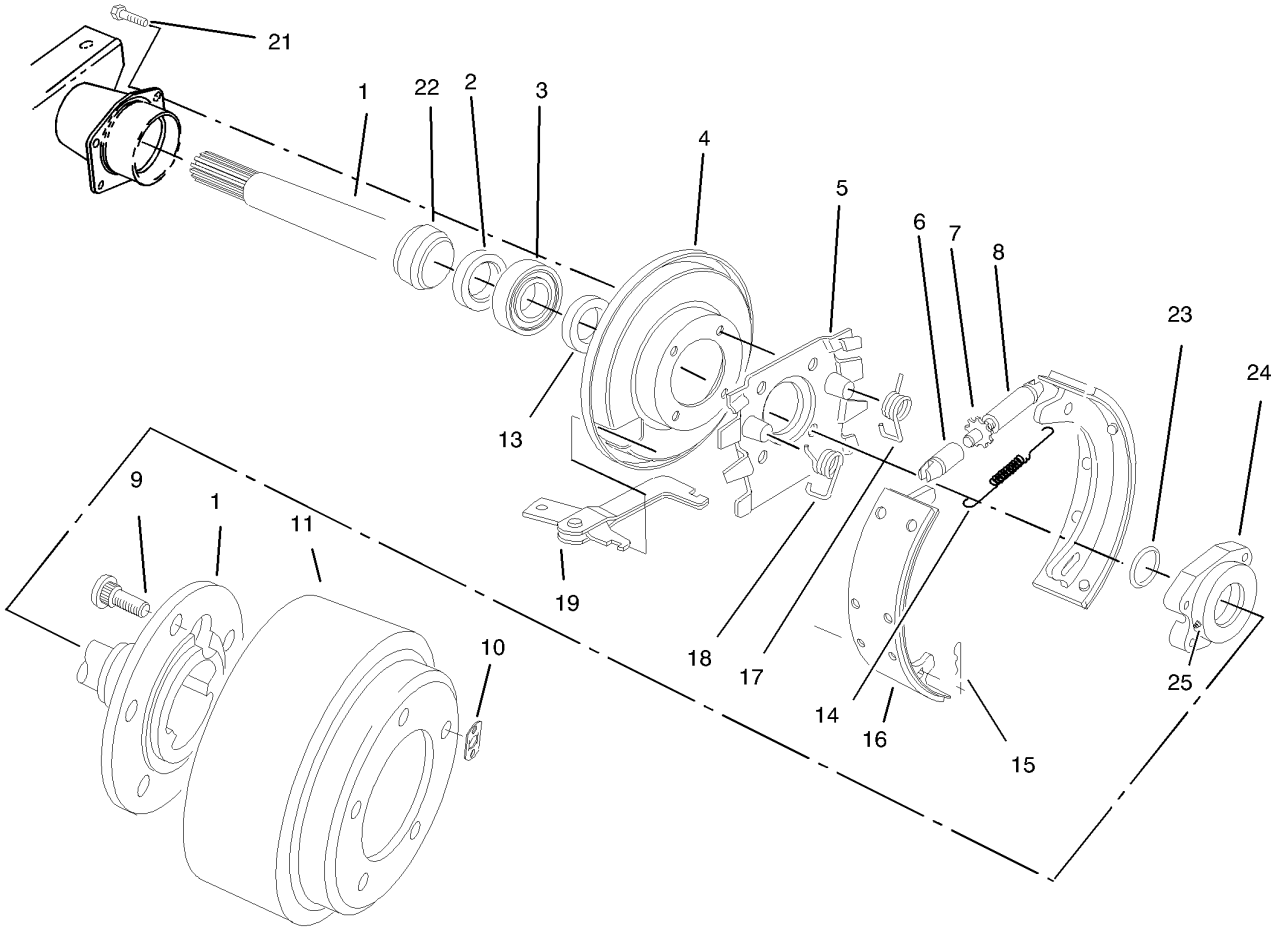
Ref	Part No.	Qty.	Description
1	32149-5	8	Nut
3	21-8270	2	Pin-Dowel
4	21-7720	2	Washer-Thrust
5	24-8790	2	Gear-Differential
6	21-7690	2	Pinion-Differential
7	21-7730	2	Washer-Thrust, Pinion
9	43-6760	1	Bearing-Roller, Cone Taper
10	43-6750	1	Bearing-Taper, Cup
13	32144-112	8	Screw-HWHTF
14	86-7230	1	Gear-Input, Transmission
15	43-6710	1	Shim
16	43-6711	1	Shim
17	43-6712	1	Shim
18	43-6713	1	Shim
19	3210-8	8	Screw-HH
20	71-4350	1	Nut
21	83-5130	1	Spacer-Pinion
22	72-3570	1	Shim-Bearing, Front
22	72-3571	1	Shim-Bearing, Front
22	72-3572	1	Shim-Bearing, Front
22	72-3573	1	Shim-Bearing, Front
22	72-3574	1	Shim-Bearing, Front
22	72-3575	1	Shim-Bearing, Front
22	72-3576	1	Shim-Bearing, Front

Ref	Part No.	Qty.	Description
22	72-3577	1	Shim-Bearing, Front
22	72-3578	1	Shim-Bearing, Front
22	72-3580	1	Shim-Bearing, Front
22	72-3581	1	Shim-Bearing, Front
22	72-3582	1	Shim-Bearing, Front
22	72-3583	1	Shim-Bearing, Front
22	72-3584	1	Shim-Bearing, Front
22	72-3585	1	Shim-Bearing, Front
22	72-3586	1	Shim-Bearing, Front
22	72-3587	1	Shim-Bearing, Front
22	72-3588	1	Shim-Bearing, Front
22	72-3590	1	Shim-Bearing, Front
22	72-3591	1	Shim-Bearing, Front
22	72-3592	1	Shim-Bearing, Front
22	72-3593	1	Shim-Bearing, Front
22	72-3594	1	Shim-Bearing, Front
22	72-3595	1	Shim-Bearing, Front
22	72-3596	1	Shim-Bearing, Front
22	72-3597	1	Shim-Bearing, Front
22	72-3598	1	Shim-Bearing, Front
22	72-3600	1	Shim-Bearing, Front
23	254-91	1	Cone-Bearing
24	21-8390	1	Cup-Bearing
25	21-8020	1	Spacer-Bearing



Drive Axle Assembly No. 106-9212-03 (continued)

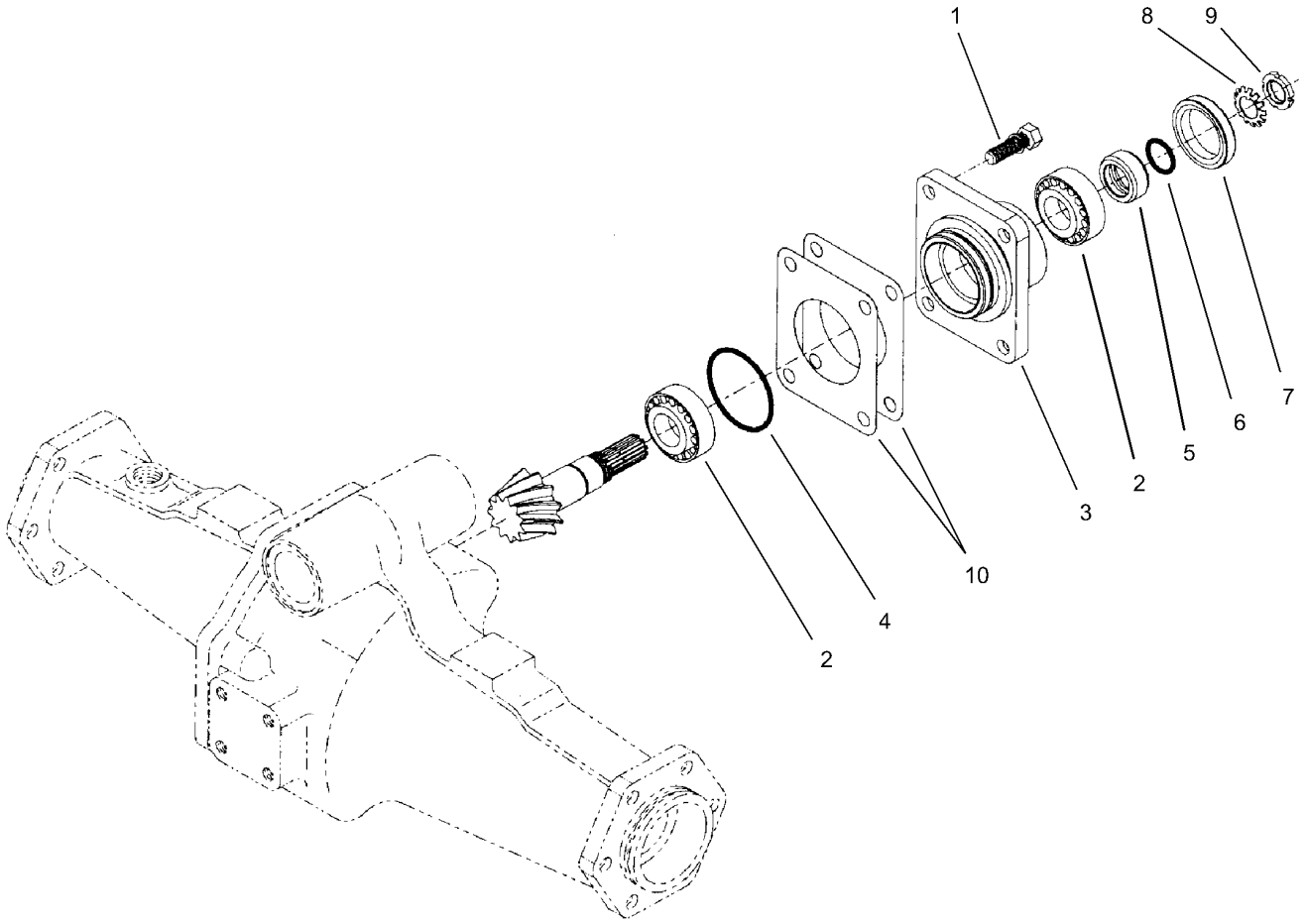
Ref	Part No.	Qty.	Description
26	93-3619	1	Upper Housing ASM
27	254-66	2	Cup-Bearing, Roller
28	254-65	2	Cone-Bearing, Roller
29	92-1773	4	Screw-HHF
30	21-7710	1	Pin-Roll
31	21-7700	1	Shaft-Mate, Pinion
32	21-7770	5	Screw-Gear, Drive
33	21-7670	1	Case-Differential
34	100-3744-03	1	Lower Housing ASM
35	21-8120	1	Shim-Bearing, Diff. (.030)
36	21-8110	1	Shim-Bearing, Diff. (.010)
37	21-8100	1	Shim-Bearing, Diff. (.005)
38	21-8090	1	Shim-Bearing, Diff. (.003)
39	72-9420	1	Vent
40	83-4910	1	Coupler-Pinion
41	71-4330	1	Seal
42	93-3618	1	Gear And Pinion ASM
43	93-3617	1	Cover And Carrier Kit



Brake Assembly

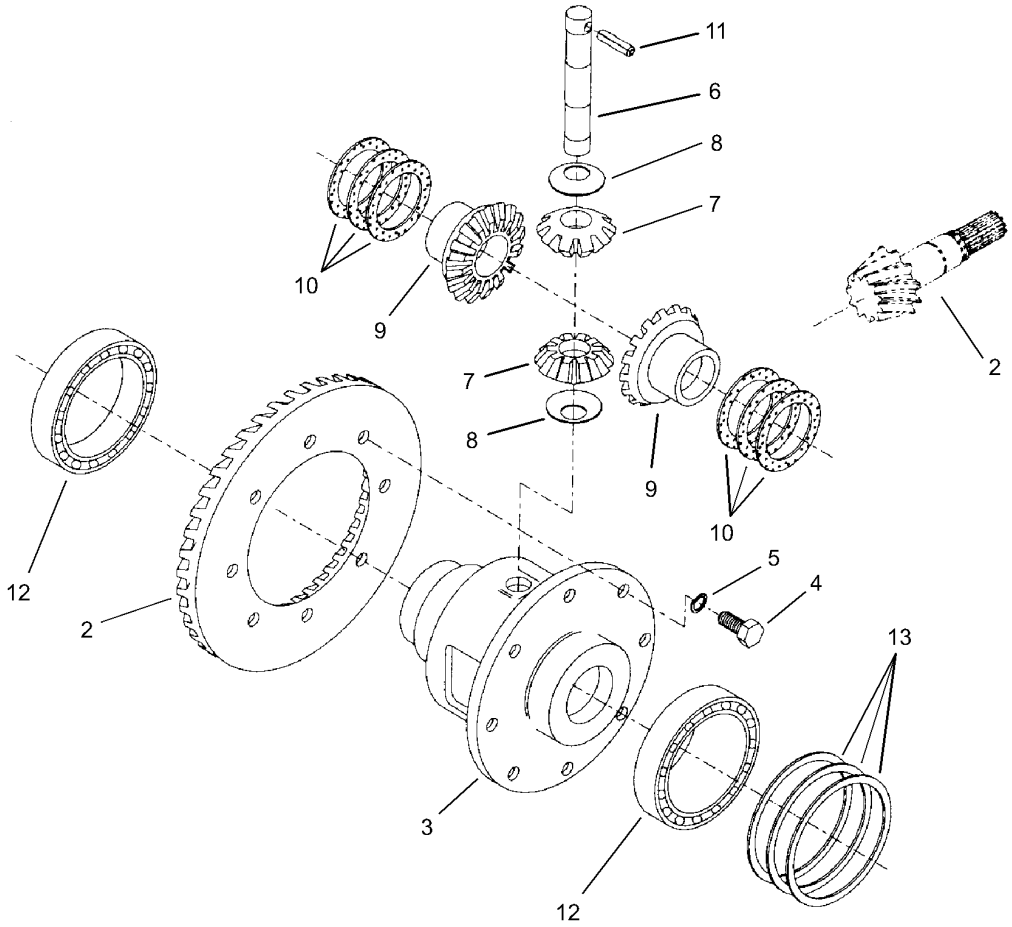
Ref	Part No.	Qty.	Description
1	100-3840	1	Shaft-Axle, LH
1	100-3841	1	Shaft-Axle, RH
2	100-3842	2	Seal-Oil
3	21-8180	2	Bearing ASM
4	100-3843	2	Shield-Dust
5	100-3844	2	Spider-Torque
6	21-9390	2	Socket-Screw, Adjusting
7	21-9370	2	Screw-Adjusting
8	21-9380	2	Nut-Pivot
9	106-9205	10	Stud-Wheel
10	21-8360	2	Locknut
11	106-9209-03	2	Drum-Brake
13	100-3845	2	Seal-Grease
14	21-9440	2	Spring-Screw, Adjusting
15	21-9460	4	Retainer-Lever, Brake
16	84-8590	4	Shoe And Lining ASM
17	21-9420	2	Spring-Return, LH
18	21-9430	2	Spring-Return, RH
19	24-9180	2	Strut And Lever ASM
21	100-3846	8	Screw-Special
22	100-3847	2	Retainer-Bearing
23	100-3848	2	O-Ring
24	100-3849	2	Cap-Bearing
25	100-3850	2	Zerk-Special

Ref	Part No.	Qty.	Description
❶26	84-8600	1	Set-Shoes, Lined
❶27	92-8775	1	Liquid Gasket Kit



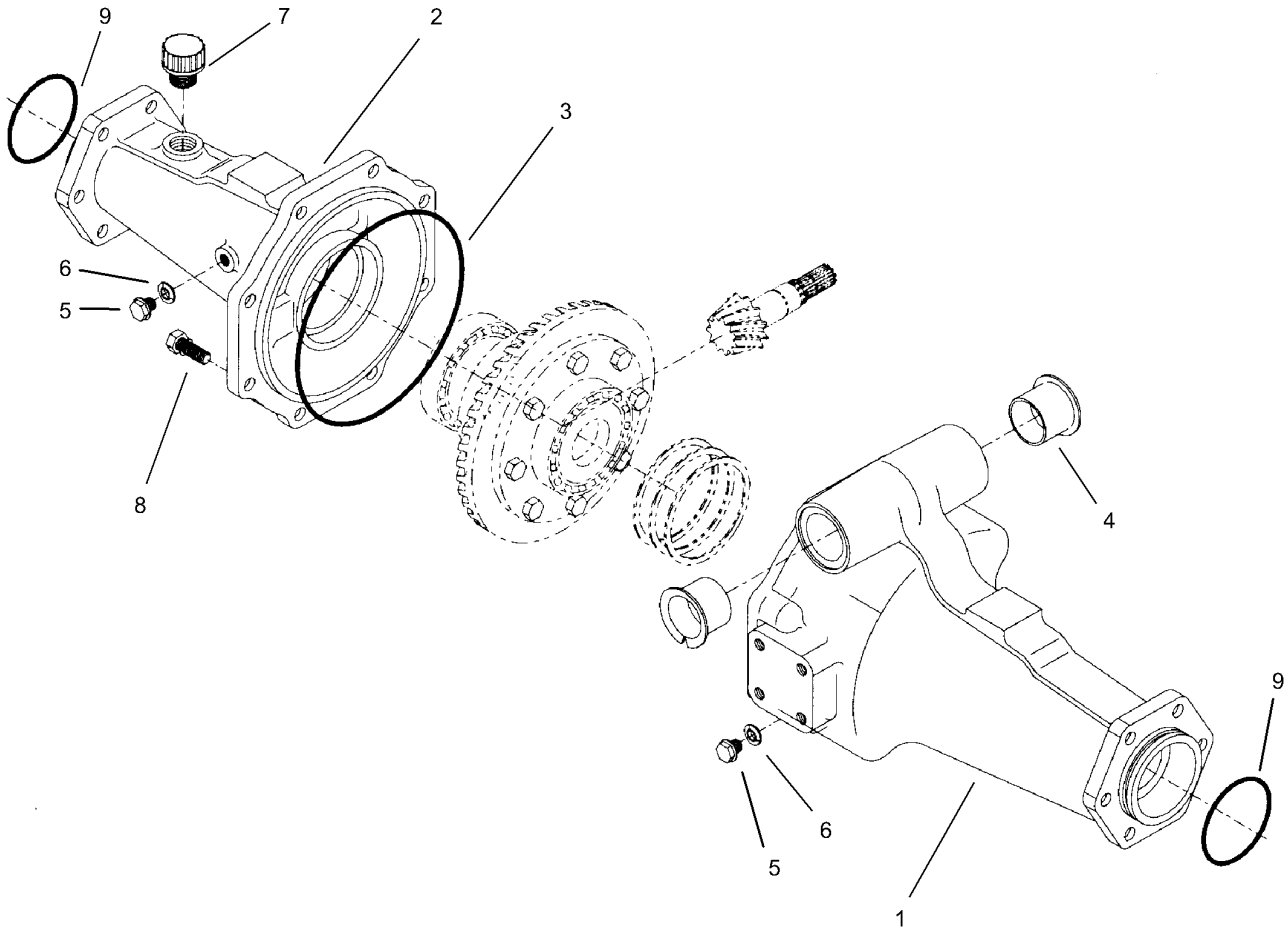
Rear Axle Assembly No. 98-3925
Bevel Pinion Shaft Assembly

Ref	Part No.	Qty.	Description
1	99-7575	4	Bolt
2	99-7570	2	Bearing-Roller, Taper
3	95-7535	1	Case-Bearing
4	99-7571	1	O-Ring
5	99-7572	1	Collar-Seal, Oil
6	99-7573	1	O-Ring
7	99-7574	1	Seal-Oil
8	99-7559	1	Washer-Lock
9	99-7560	1	Nut-Lock
10	99-7550	2	Shim 0.1
10	99-7551	2	Shim 0.2



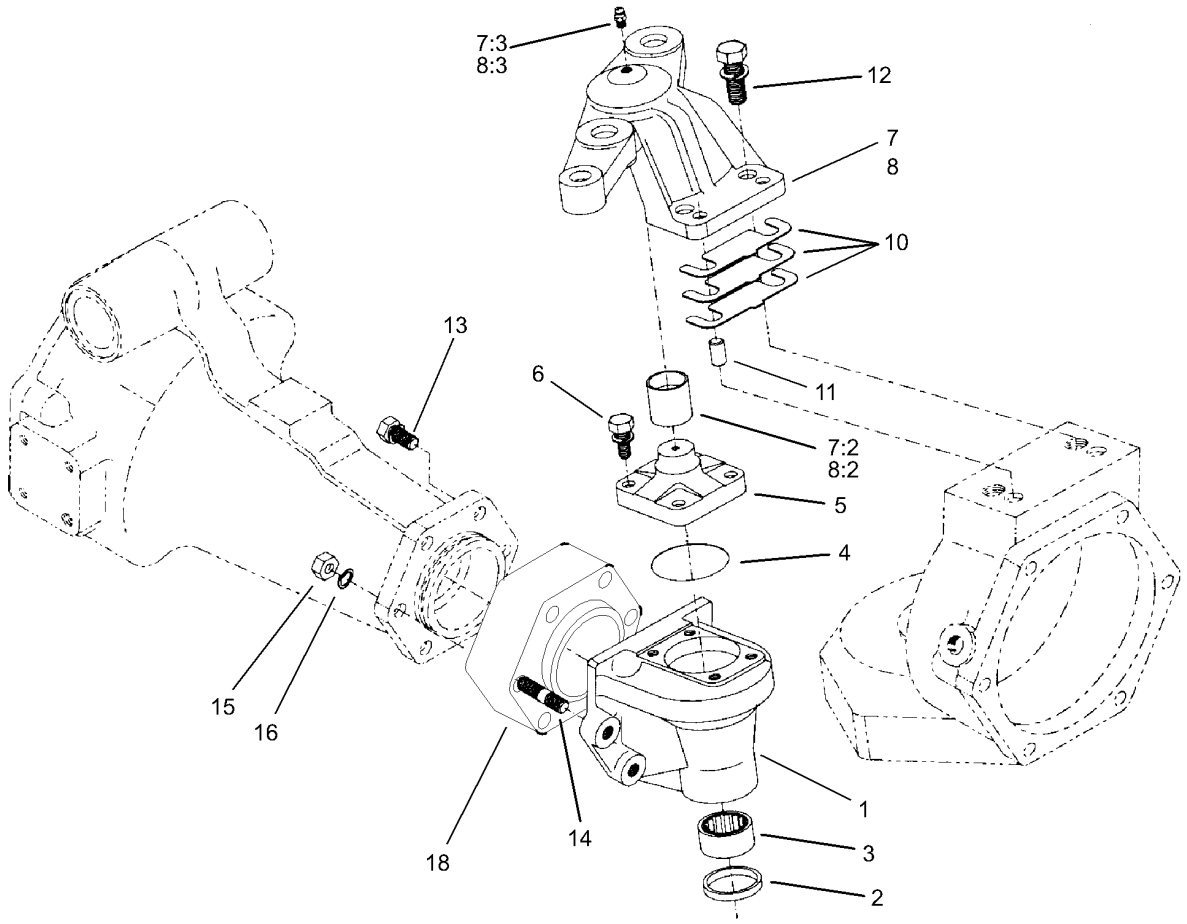
Rear Axle Assembly No. 98-3925 (Continued)
Differential Assembly No. 95-7503

Ref	Part No.	Qty.	Description
❶1	95-7503	1	Differential ASM
2	100-2555	1	Ring And Pinion Matched Set
3	95-7502	1	Case-Differential
4	99-7576	8	Bolt
5	99-7577	8	Washer-Spring
6	99-7578	1	Shaft-Differential
7	99-7579	2	Pinion-Differential
8	99-7580	2	Washer-Differential
9	99-7581	2	Gear-Differential
10	99-7582	2	Washer-Differential
10	99-7583	2	Washer-Differential
10	99-7584	2	Washer-Differential
11	99-7588	1	Pin-Spring
12	99-7562	2	Bearing-Ball
13	99-7585	2	Shim 0.1
13	99-7586	2	Shim 0.2
13	99-7587	2	Shim 0.4



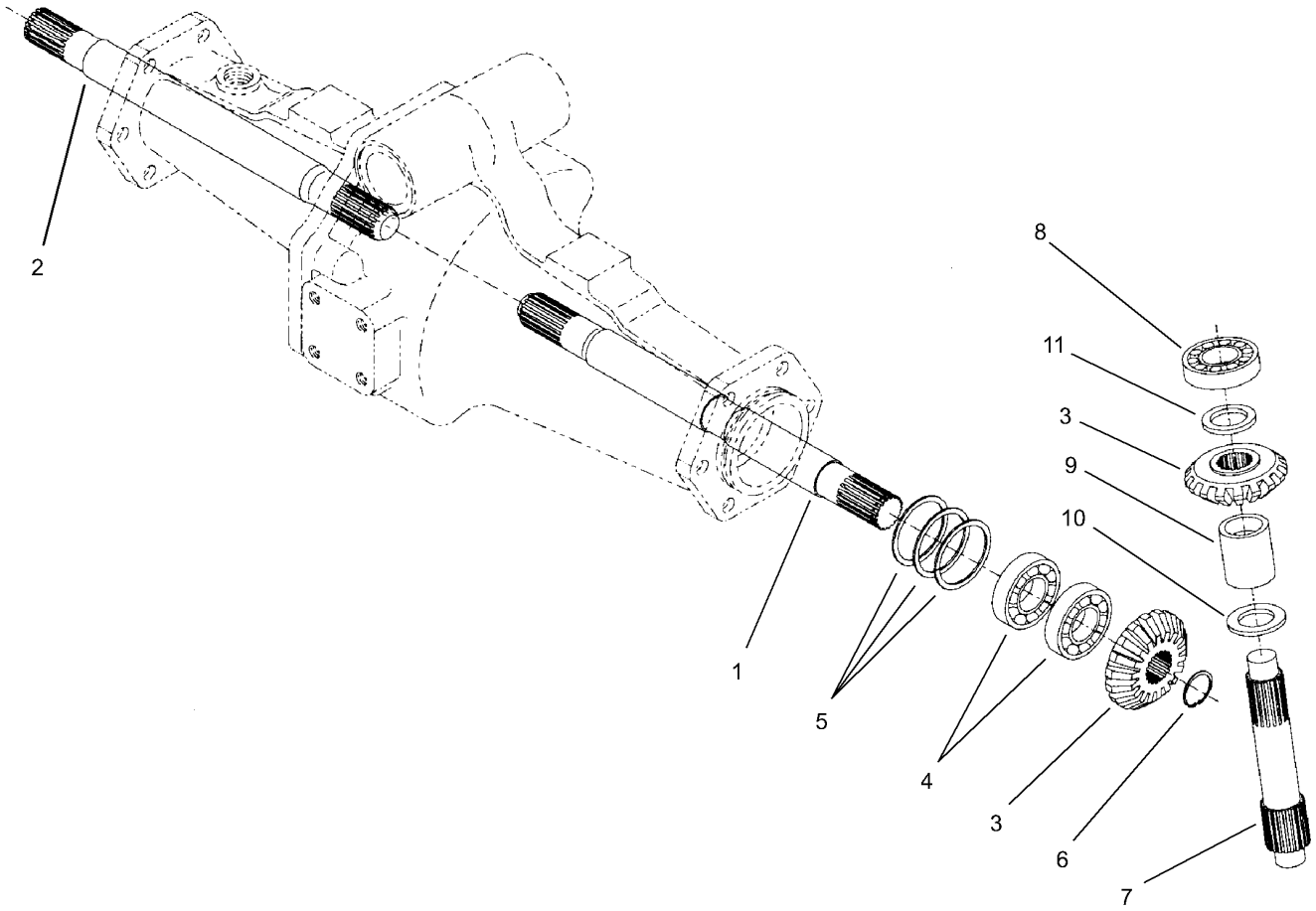
Rear Axle Assembly No. 98-3925 (Continued)
Axle Support Assembly

Ref	Part No.	Qty.	Description
1	95-7508	1	Support-Axle
2	95-7506	1	Support-Axle
3	95-7507	1	O-Ring
4	95-7537	2	Bushing-Flanged
5	99-7589	2	Plug
6	99-7590	2	Washer-Seal
7	99-7591	1	Oil Plug ASM
8	99-7592	8	Bolt
9	99-7593	2	O-Ring



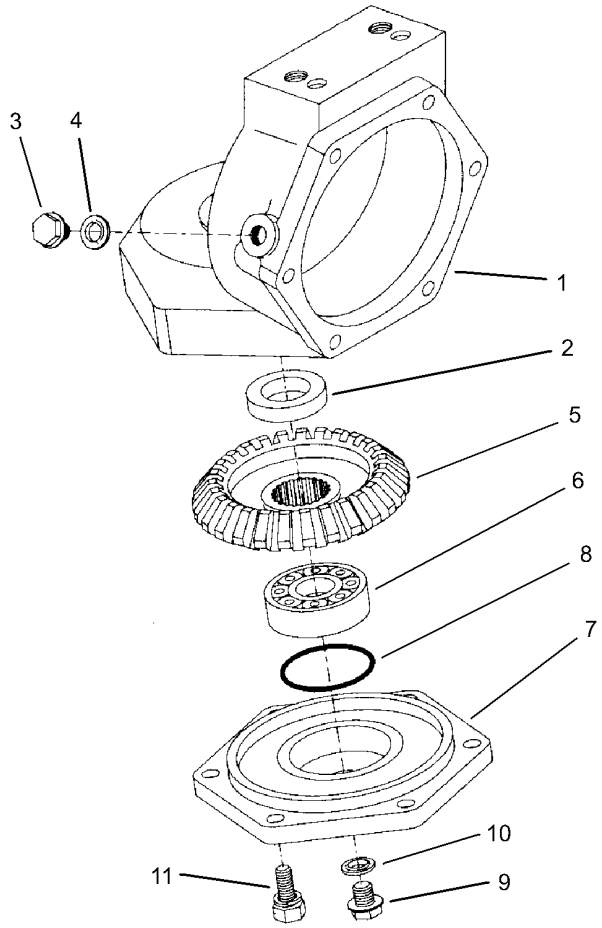
Rear Axle Assembly No. 98-3925 (Continued)
Bevel Gear Case Assembly

Ref	Part No.	Qty.	Description
1	95-7539	2	Case-Gear, Bevel
2	99-7594	2	Seal-Oil
3	99-7595	2	Bearing-Needle
4	104-2372	2	O-Ring
5	104-2373	2	Knuckle
6	104-2374	8	Bolt
7	100-3746	1	RH Axle Case Support ASM
7:2	99-7529	1	Bushing
7:3	99-7528	1	Nipple-Grease
8	100-3748	1	LH Axle Case Support ASM
8:2	99-7529	1	Bushing
8:3	99-7528	1	Nipple-Grease
10	95-7547	2	Shim 0.1
10	95-7548	2	Shim 0.2
10	95-7549	2	Shim 0.4
11	99-7597	4	Pin-Dowel
12	99-7598	4	Bolt
13	100-3736	8	Bolt
14	100-3737	4	Stud
15	99-7526	4	Nut
16	99-7527	4	Washer-Spring
18	99-7565	2	Spacer



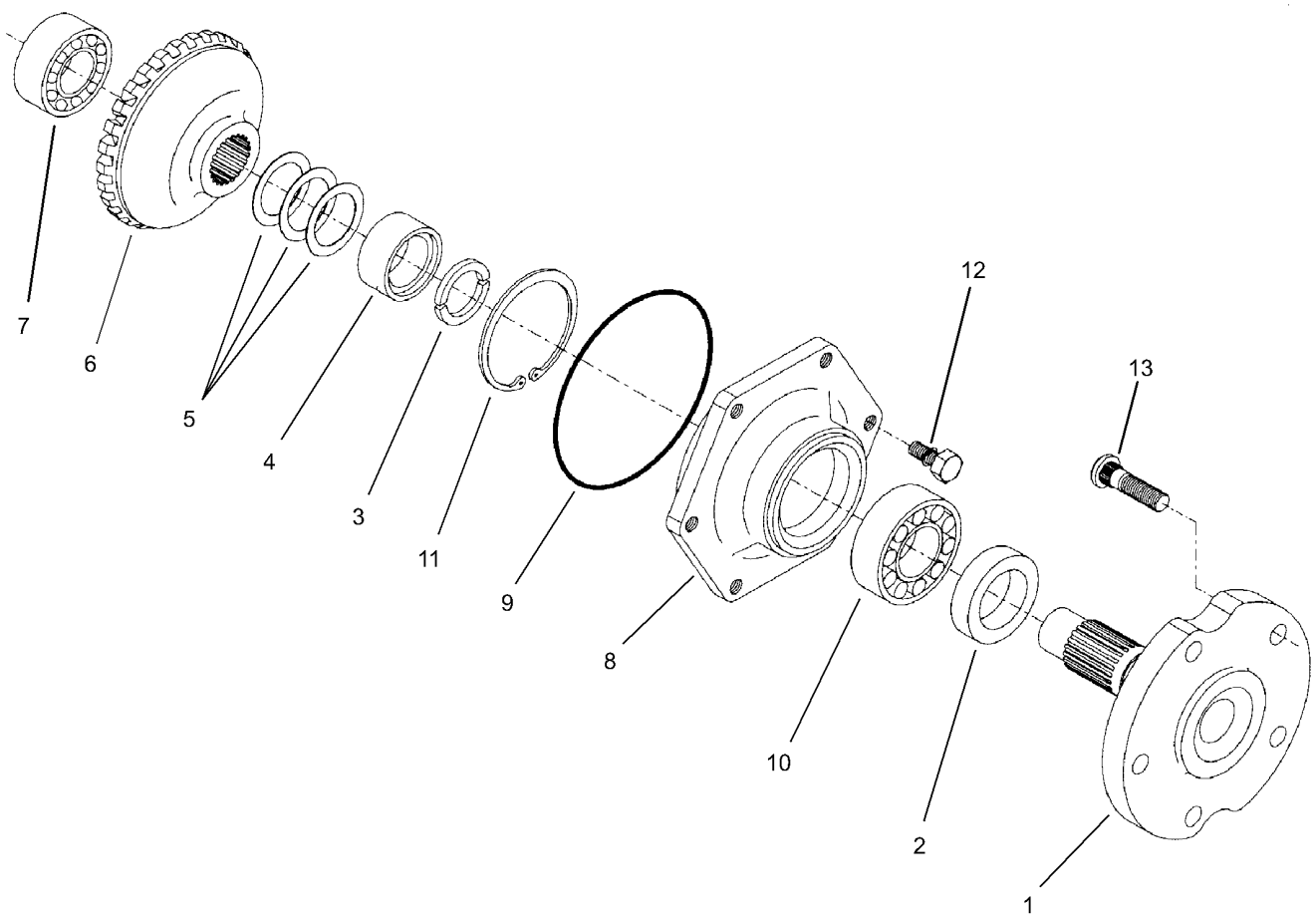
Rear Axle Assembly No. 98-3925 (Continued)
Bevel Gear Shaft Assembly

Ref	Part No.	Qty.	Description
1	99-7509	1	Shaft-Differential, LH Gear
2	99-7512	1	Shaft-Differential, RH Gear
3	95-7518	4	Gear-18 Bevel
4	99-7530	4	Bearing-Ball
5	99-7552	2	Shim 0.1
5	99-7553	2	Shim 0.2
5	99-7554	2	Shim 0.5
6	99-7531	2	Clip
7	95-7530	2	Shaft-Gear, Bevel
8	99-7532	2	Bearing-Roller, Taper
9	95-7543	2	Spacer
10	99-7533	2	Collar-Thrust
11	99-7558	2	Collar



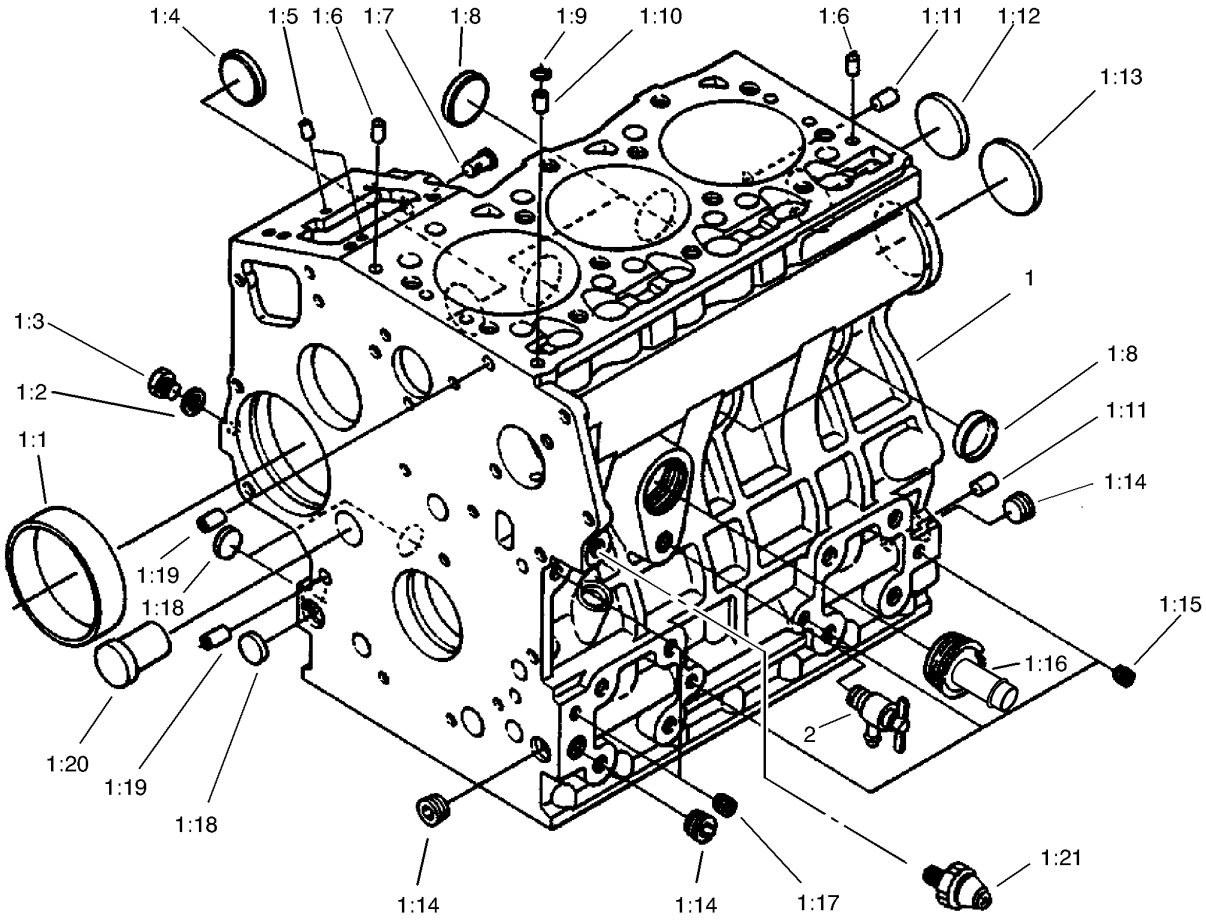
Rear Axle Assembly No. 98-3925 (Continued)
Axle Case Assembly

Ref	Part No.	Qty.	Description
1	95-7532	2	Case-Axle
2	99-7594	2	Seal-Oil
3	99-7535	2	Plug
4	99-7536	2	Washer-Seal
5	95-7528	2	Gear-Bevel, 27 Tooth
6	99-7532	2	Bearing-Roller, Taper
7	95-7526	2	Cover-Axle
8	99-7537	2	O-Ring
9	99-7589	2	Plug
10	99-7590	2	Washer-Seal
11	99-7596	12	Bolt



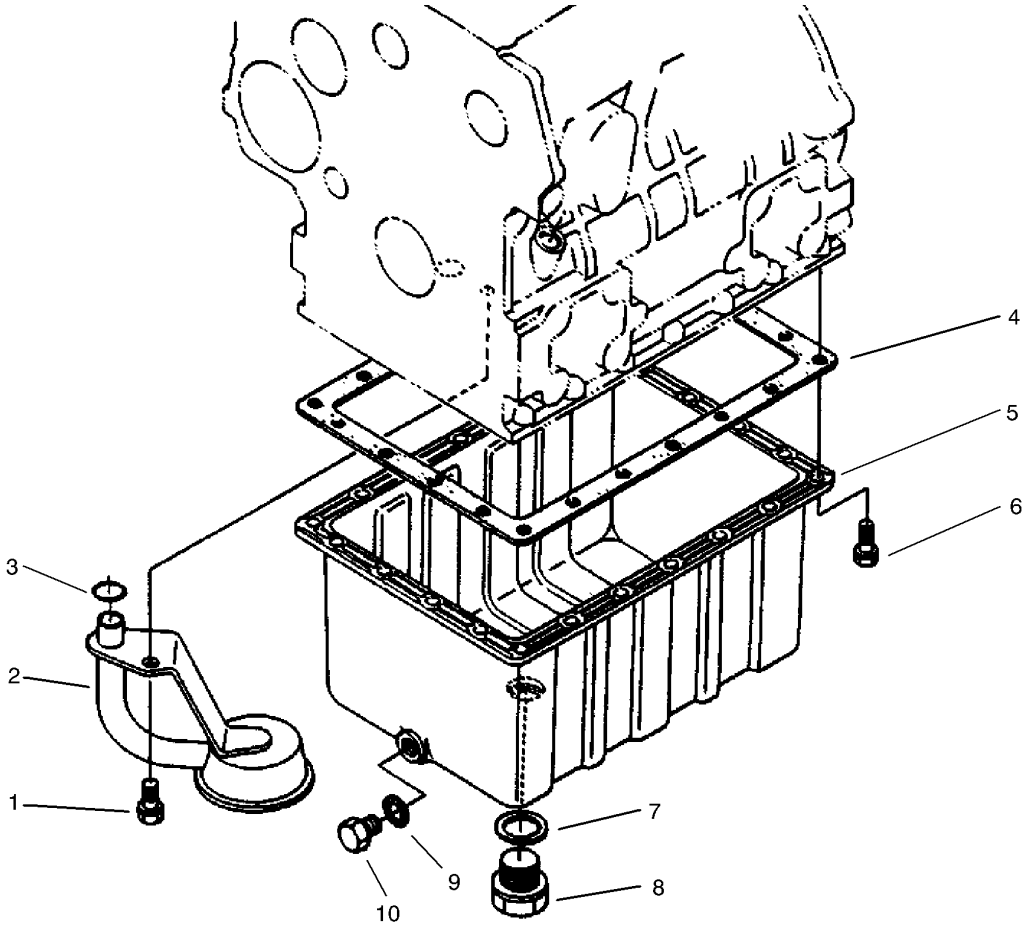
Rear Axle Assembly No. 98-3925 (Continued)
Axle Case Assembly

Ref	Part No.	Qty.	Description
1	95-7522	2	Axle
2	99-7564	2	Seal-Oil
3	95-7544	4	Clip
4	95-7523	2	Spacer
5	99-7555	2	Shim 0.3
5	99-7556	2	Shim 0.2
5	99-7557	2	Shim 0.5
6	95-7525	2	Gear-Bevel, 27 Tooth
7	99-7534	2	Bearing-Ball
8	95-7521	2	Cover-Axle
9	99-7538	2	O-Ring
10	99-7561	2	Bearing-Ball
11	99-7539	2	Clip
12	99-7596	12	Bolt
13	99-7563	10	Stud



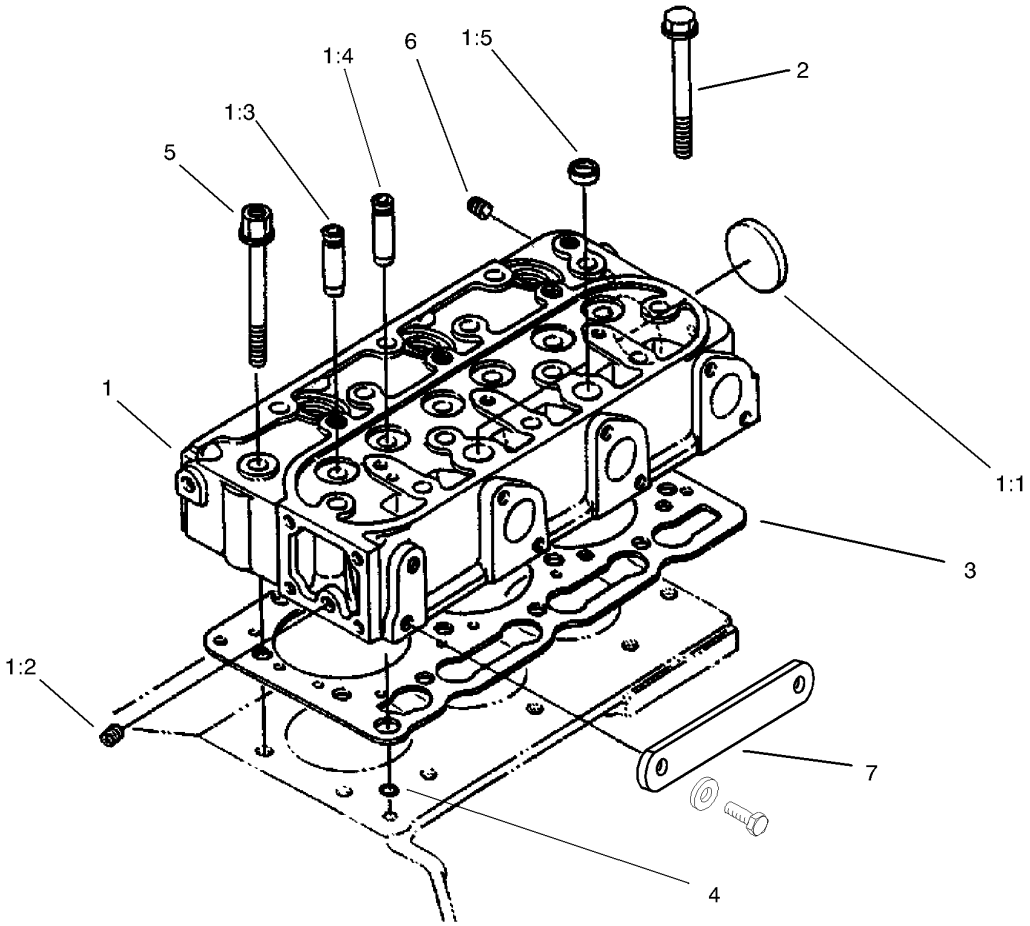
Crankcase Assembly

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	Cap-Sealing
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



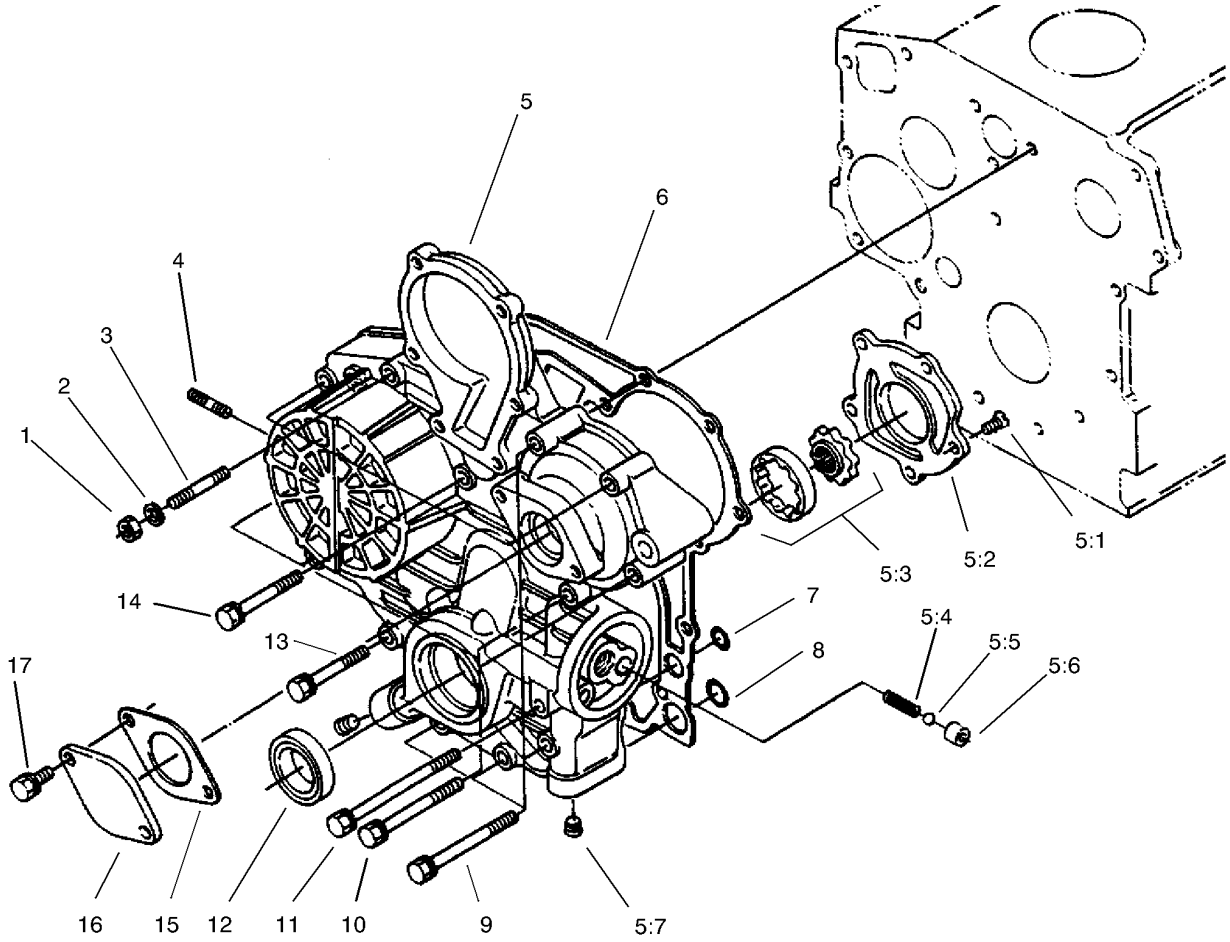
Oil Pan Assembly

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



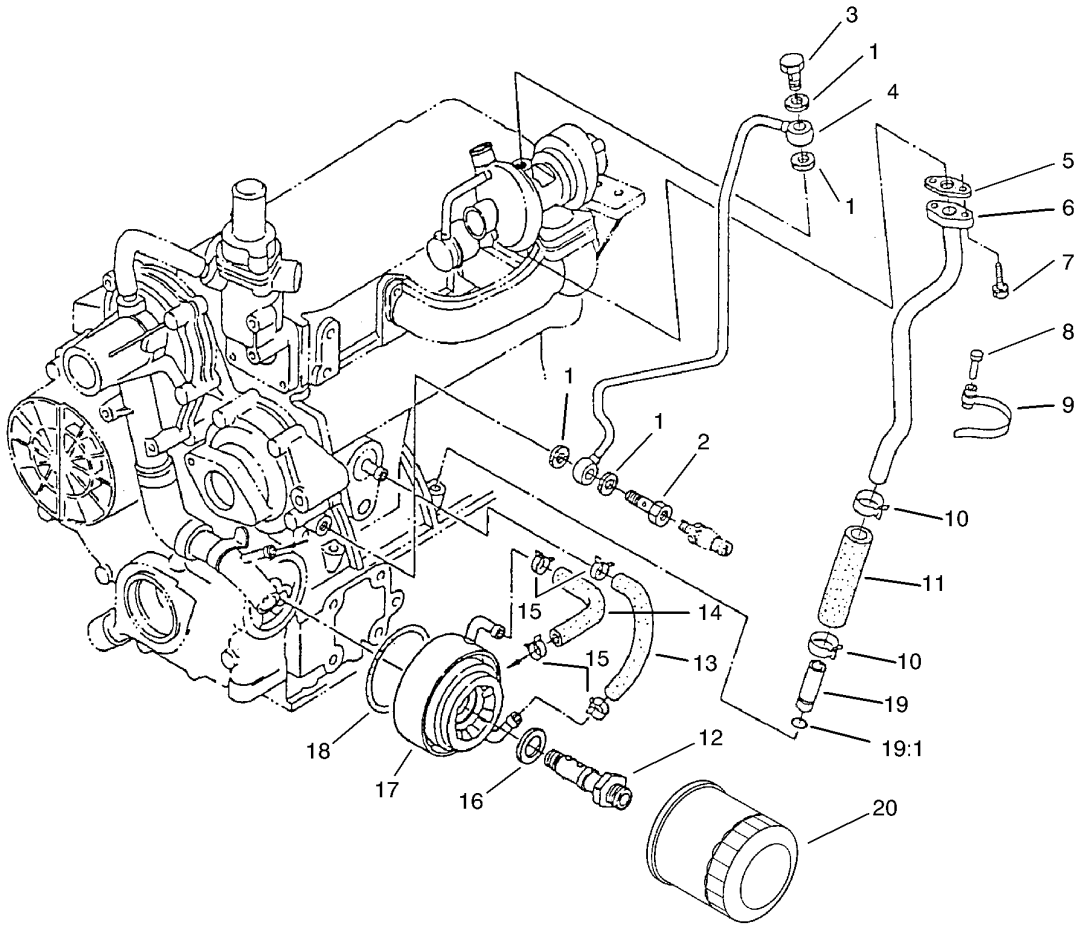
Cylinder Head Assembly

Ref	Part No.	Qty.	Description
1	99-8344	1	Cylinder Head ASM
1:1	98-9395	1	Cap-Sealing
1:2	98-7540	2	Cap-Sealing
1:3	98-9499	3	Guide-Valve, Inlet
1:4	98-9500	3	Guide-Valve, Exhaust
1:5	98-9389	2	Cap-Sealing
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
6	98-9444	1	Plug
7	98-4547	1	Plate-Mount, Fan



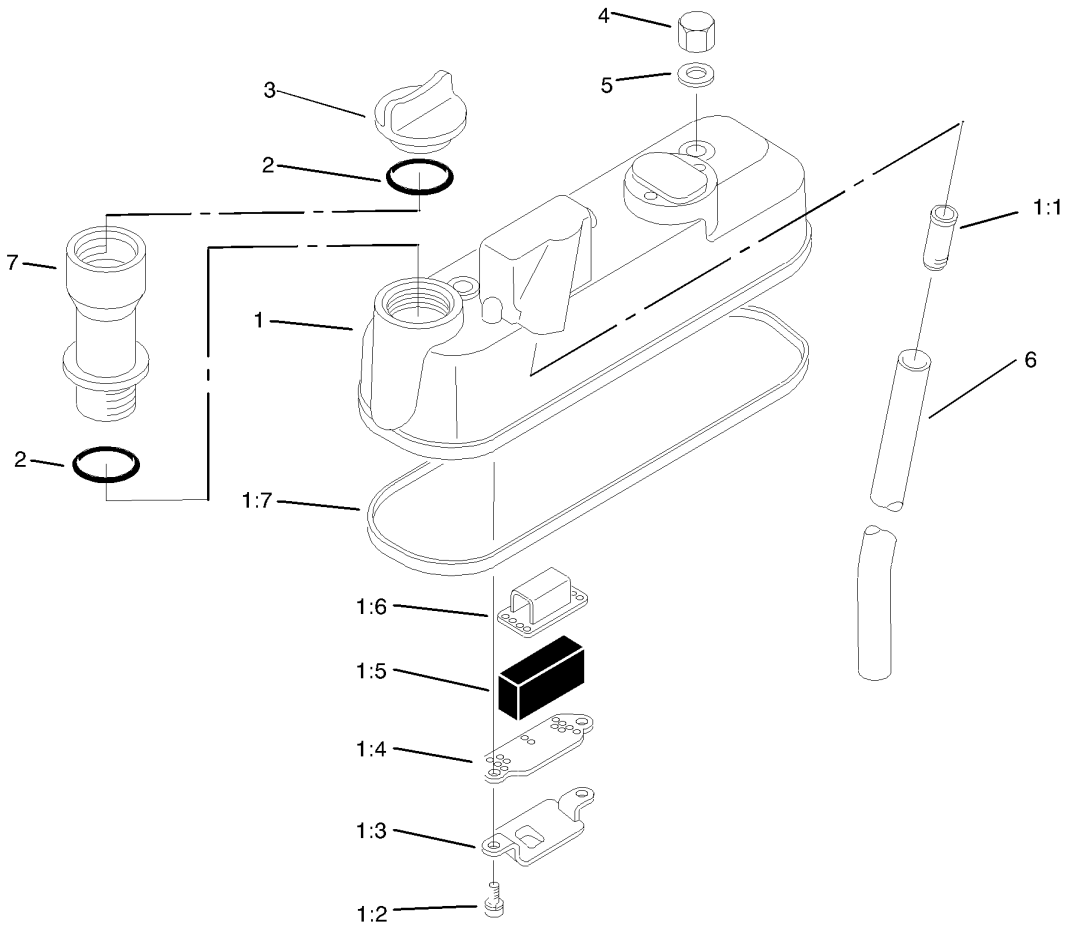
Gear Case Assembly

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	99-8381	1	Gear Case ASM
5:1	98-9592	5	Screw
5:2	98-9541	1	Cover-Pump, Oil
5:3	98-9540	1	Oil Pump Rotor ASM
5:4	98-9544	1	Spring
5:5	98-9380	1	Ball
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	98-9586	1	Bolt
12	98-9482	1	Seal-Oil
13	98-9437	1	Bolt
14	98-7496	3	Bolt
15	98-9684	1	Gasket-Case, Gear
16	98-9641	1	Cover
17	98-7692	2	Bolt



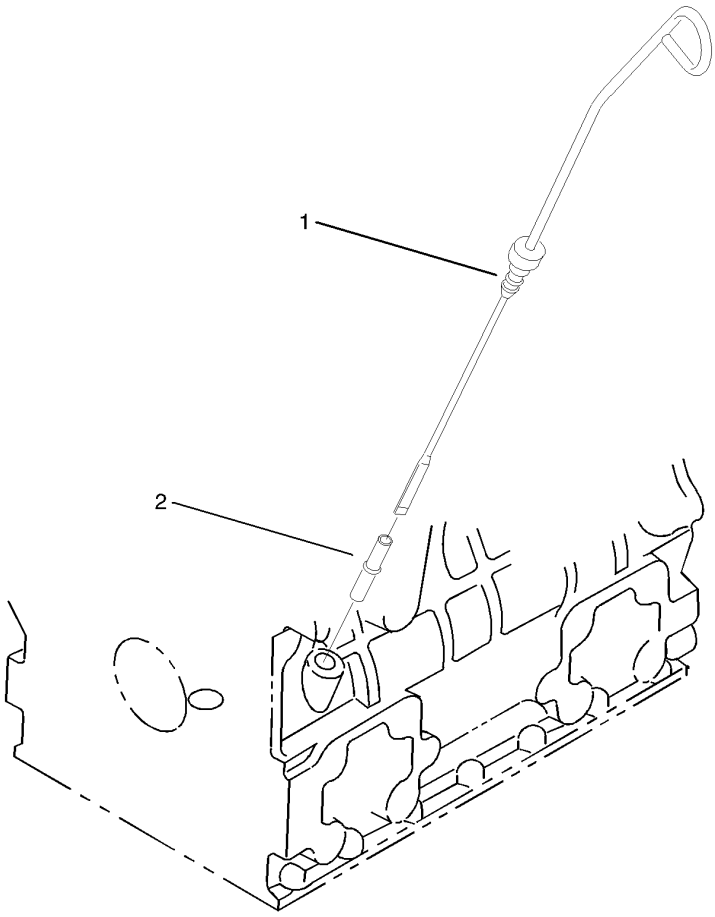
Filter, Oil Cooler and Pipe Assembly

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



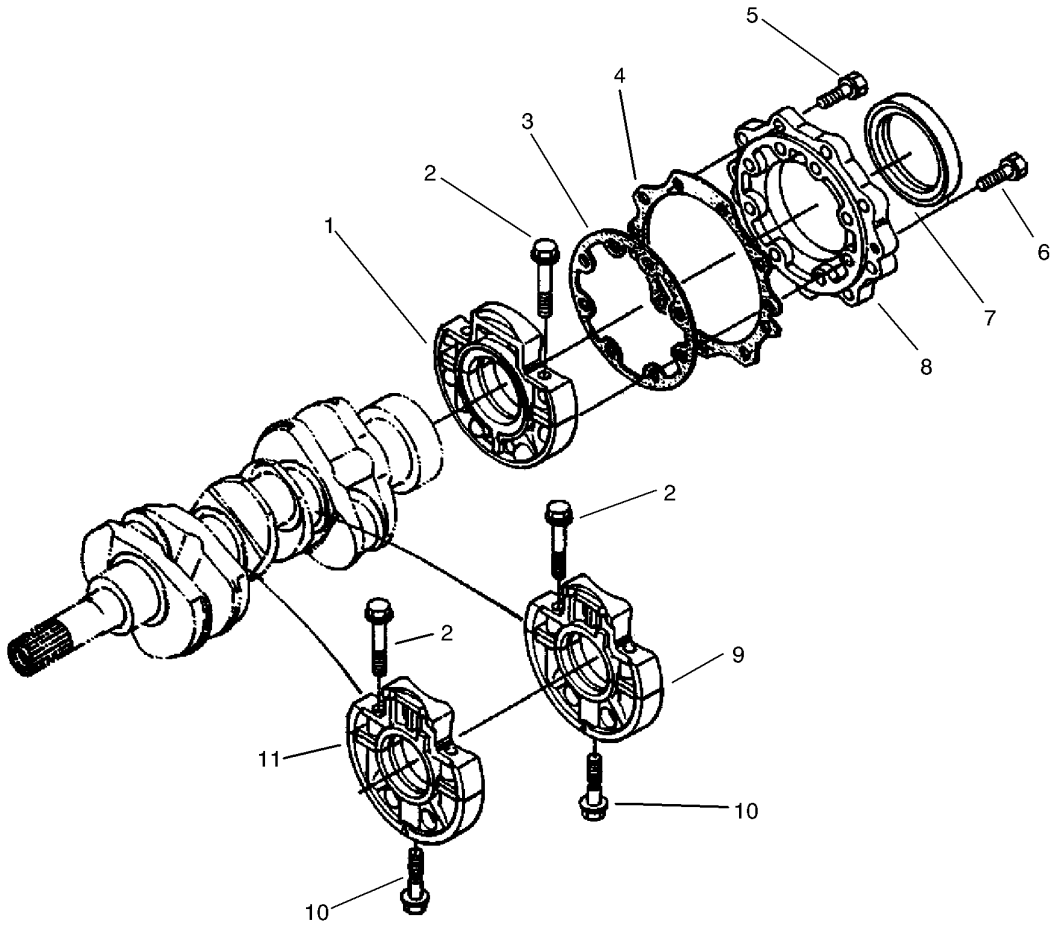
Head Cover Assembly

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-W/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
7	99-8349	1	Extension-Fill, Oil



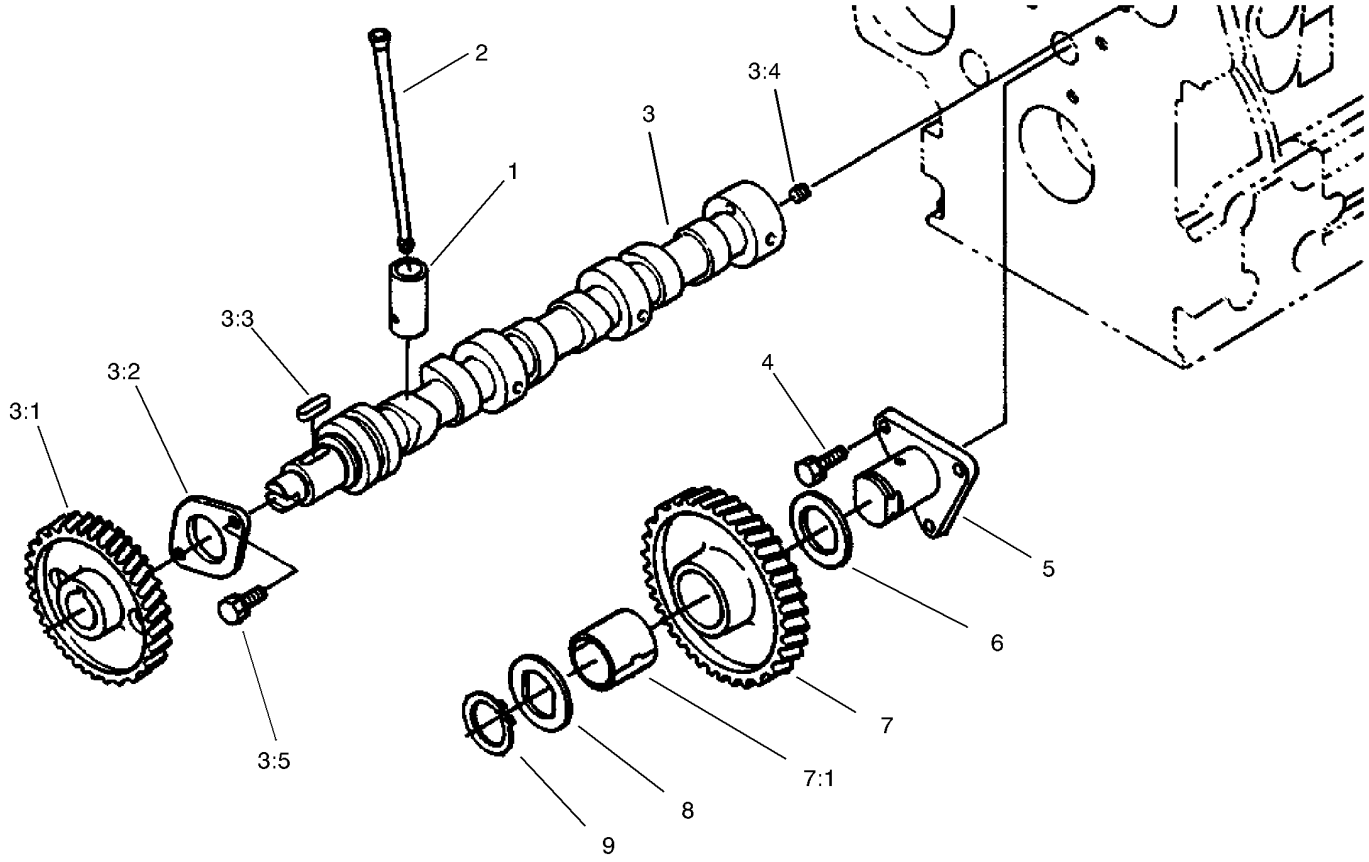
Dipstick and Guide Assembly

Ref	Part No.	Qty.	Description
1	104-9348	1	Gauge-Oil
2	104-9349	1	Guide-Gauge, Oil



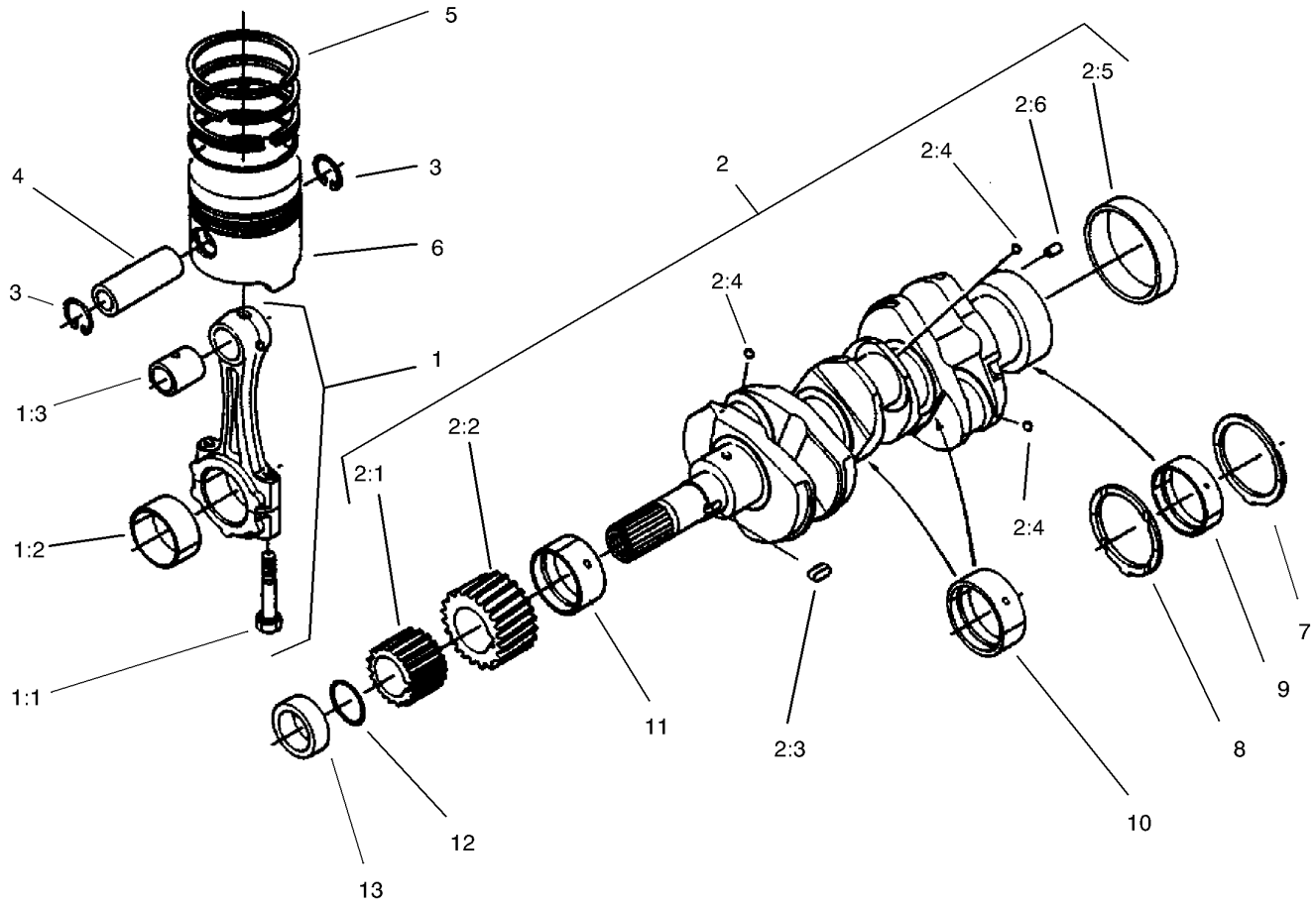
Main Bearing Case Assembly

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

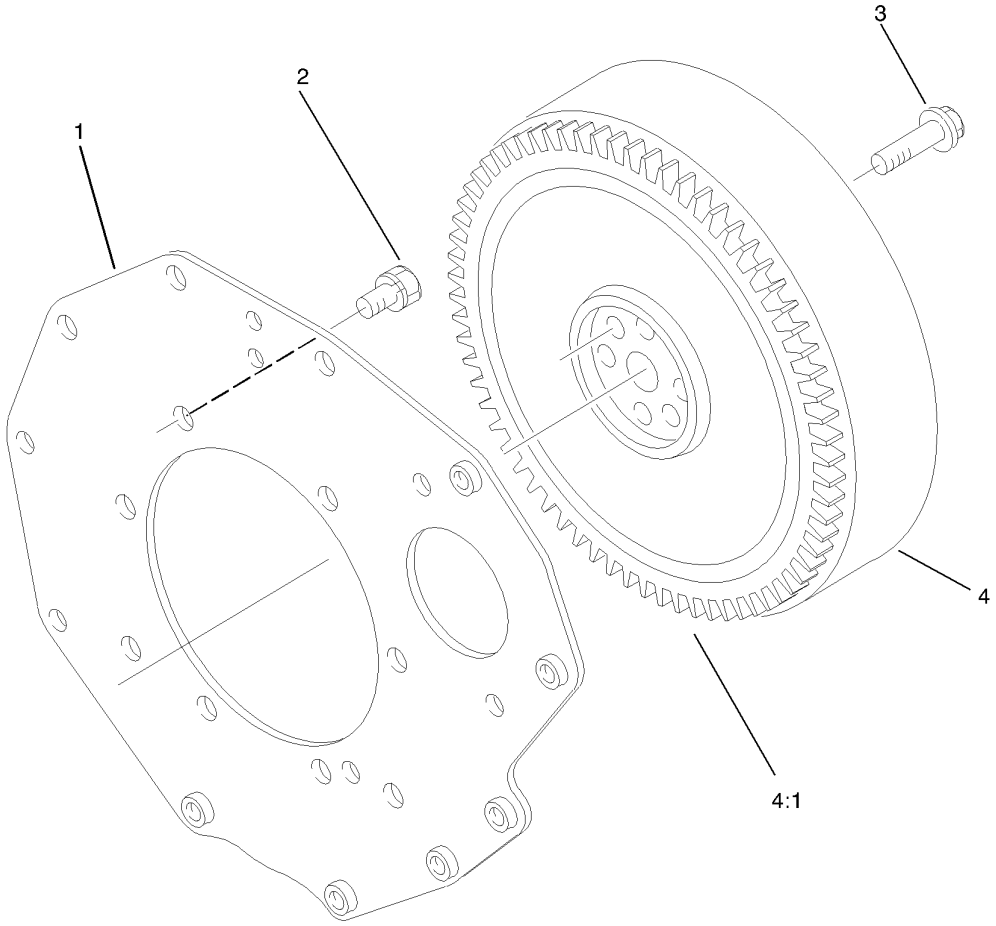
Ref	Part No.	Qty.	Description
1	98-9616	6	Tappet
2	98-9509	6	Rod-Push
3	99-8362	1	Camshaft ASM
3:1	98-9512	1	Gear-Cam
3:2	98-9510	1	Stopper-Camshaft
3:3	98-9378	1	Key-Feather
3:4	98-7449	1	Screw-Set
3:5	98-9351	2	Bolt
4	98-7692	3	Bolt
5	98-9533	1	Shaft-Gear, Idle
6	98-9535	1	Collar-Gear, Idle
7	98-9649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

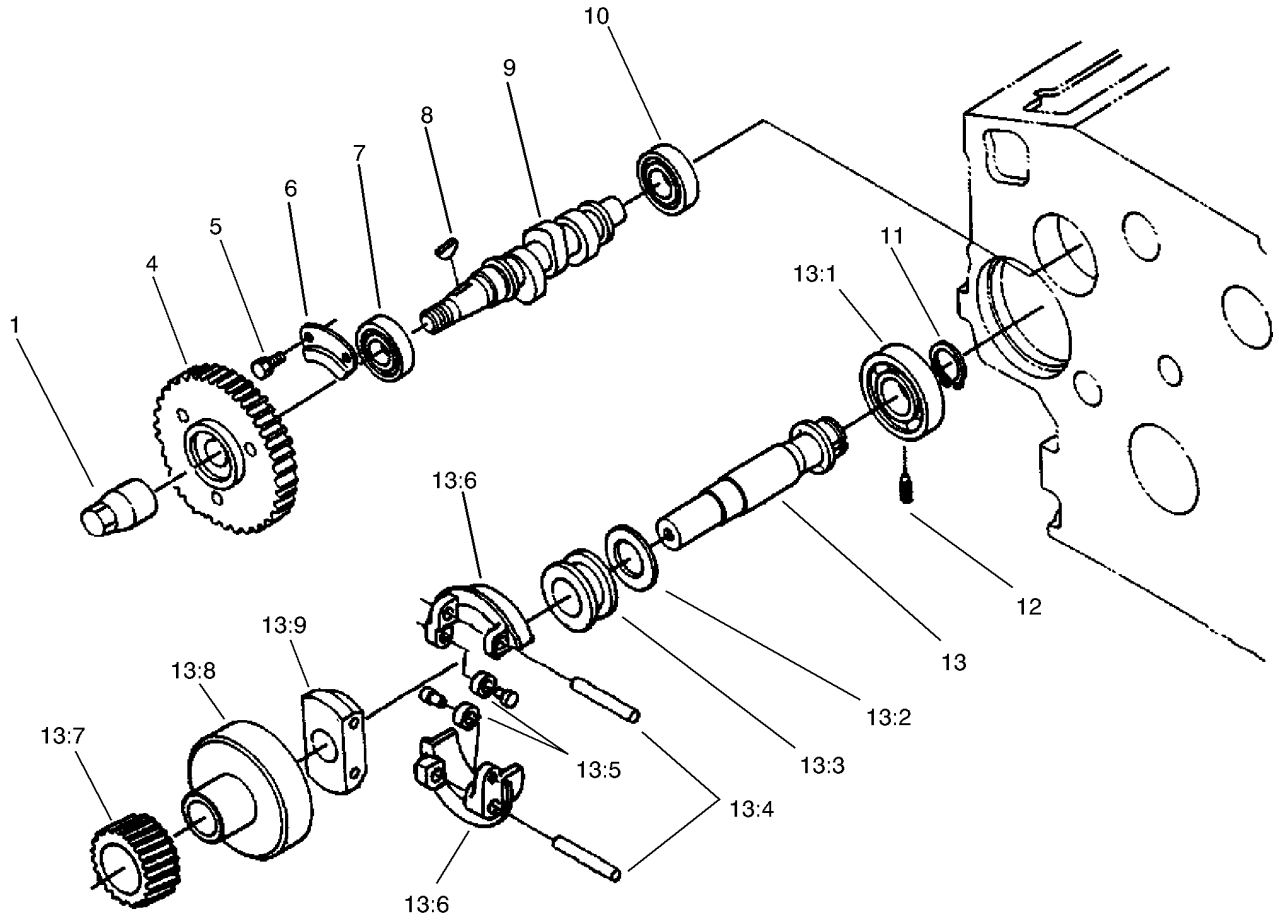
Ref	Part No.	Qty.	Description
1	98-9552	3	Connecting Rod ASM
1:1	98-9517	6	Bolt-Rod, Connecting
1:2	98-9519	3	Bearing-Rod (0.2mm)
1:2	98-9520	3	Bearing-Rod (0.4mm)
1:2	98-9553	3	Bearing-Rod (Std)
1:3	98-9515	3	Bushing-Pin, Piston
2	98-9642	1	Crankshaft ASM
2:1	98-9542	1	Gear-Drive, Oil Pump
2:2	98-9532	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	Bearing-Main (Std)
12	98-9373	1	O-Ring
13	98-9521	1	Collar-Crankshaft



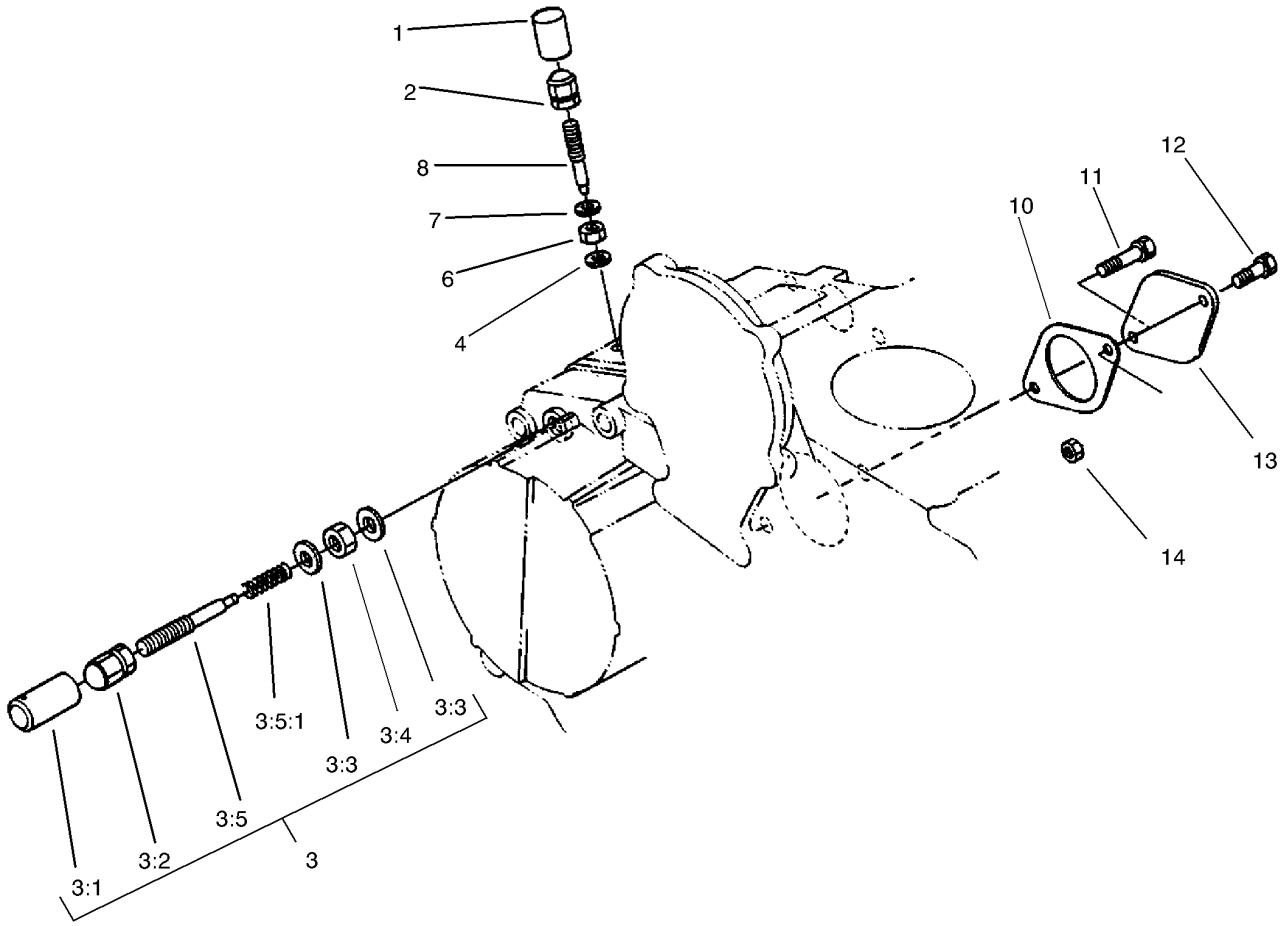
Flywheel Assembly

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



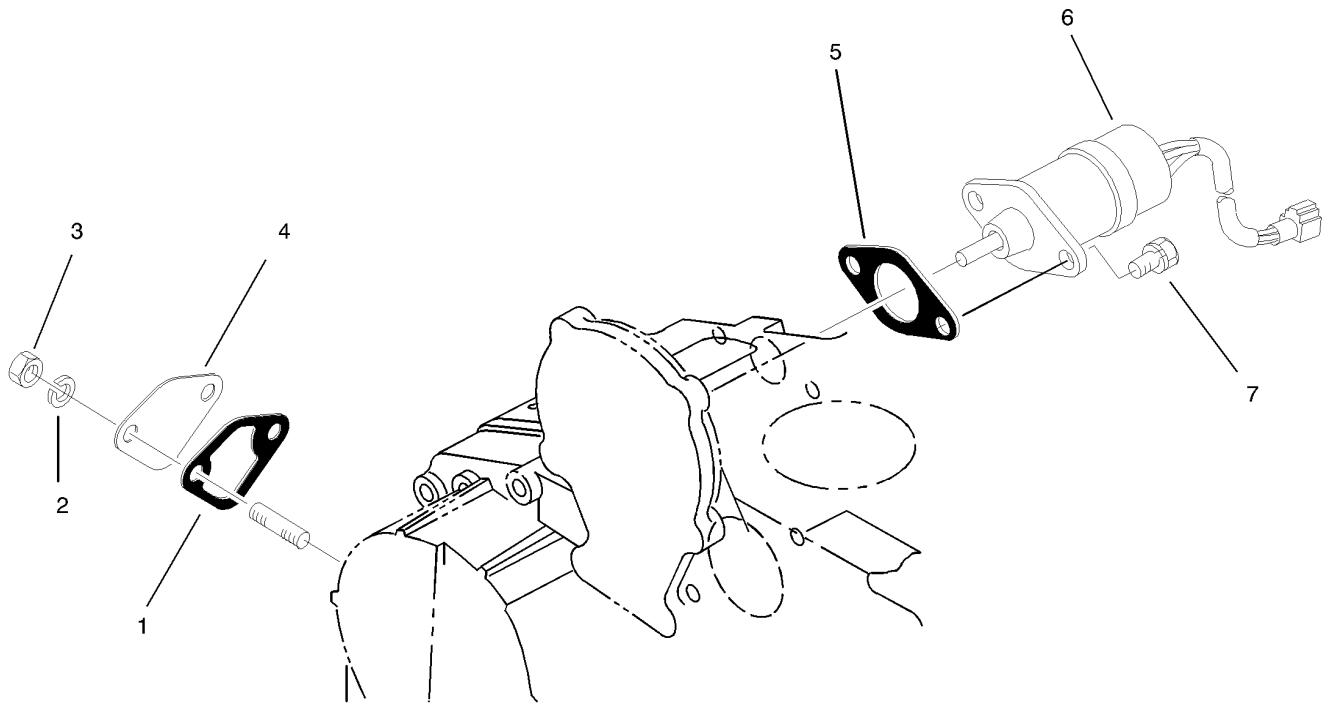
Fuel Camshaft Assembly

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



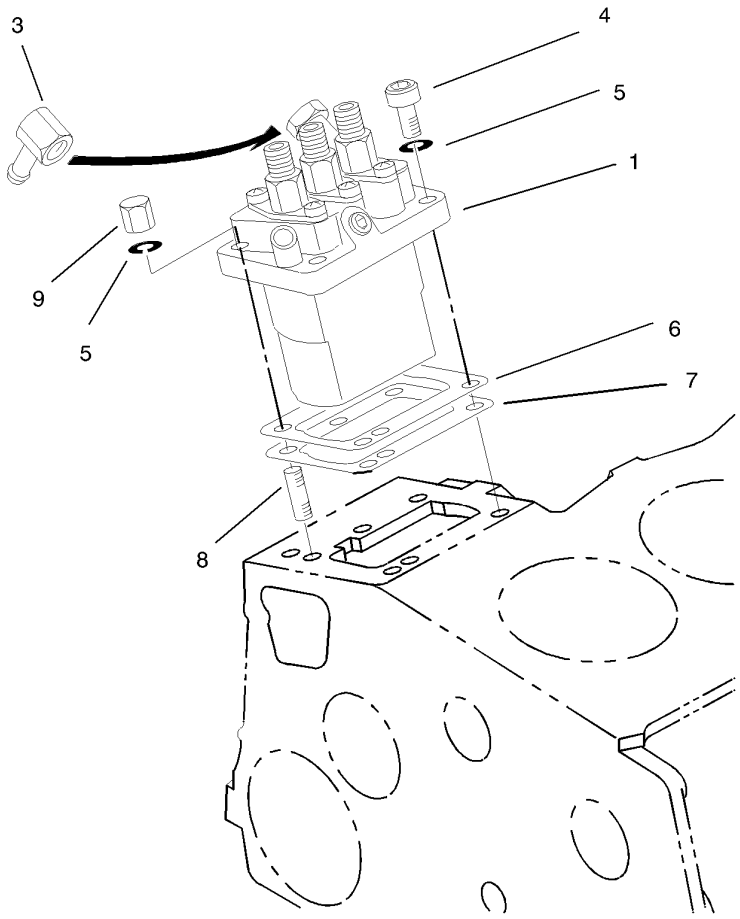
Engine Stop Lever Assembly

Ref	Part No.	Qty.	Description
1	99-8390	1	Pipe-Lock, Fuel Adj.
2	99-8387	1	Nut-Cap
3	98-9678	1	Idle Apparatus ASM
3:1	98-9558	1	Cap
3:2	98-9441	2	Nut-Cap
3:3	98-7654	2	Gasket
3:4	98-9439	2	Nut
3:5	98-9679	1	Adjusting Bolt ASM
❷3:5:1		1	Spring
4	99-8389	1	Gasket
6	99-8386	2	Nut
7	99-8388	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



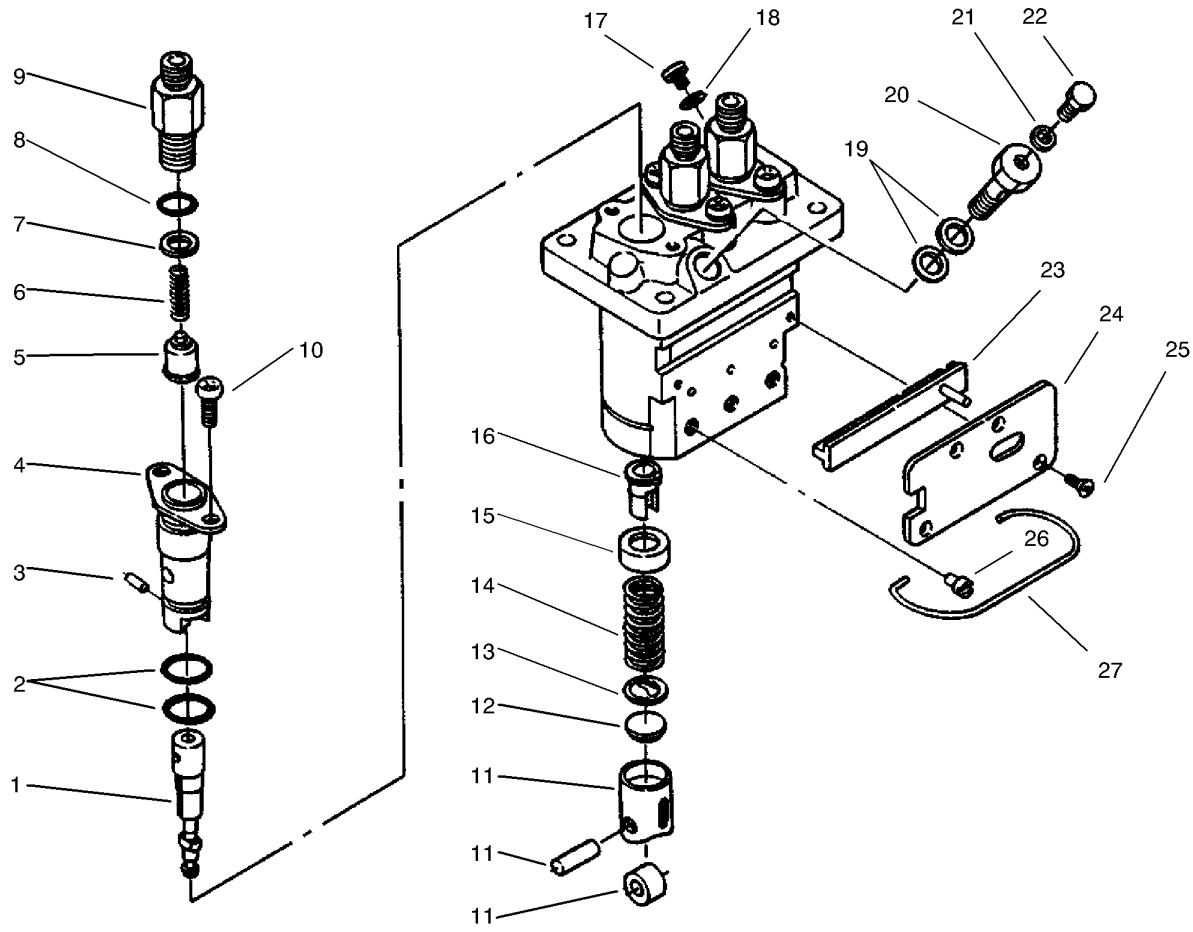
Stop Solenoid Assembly

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

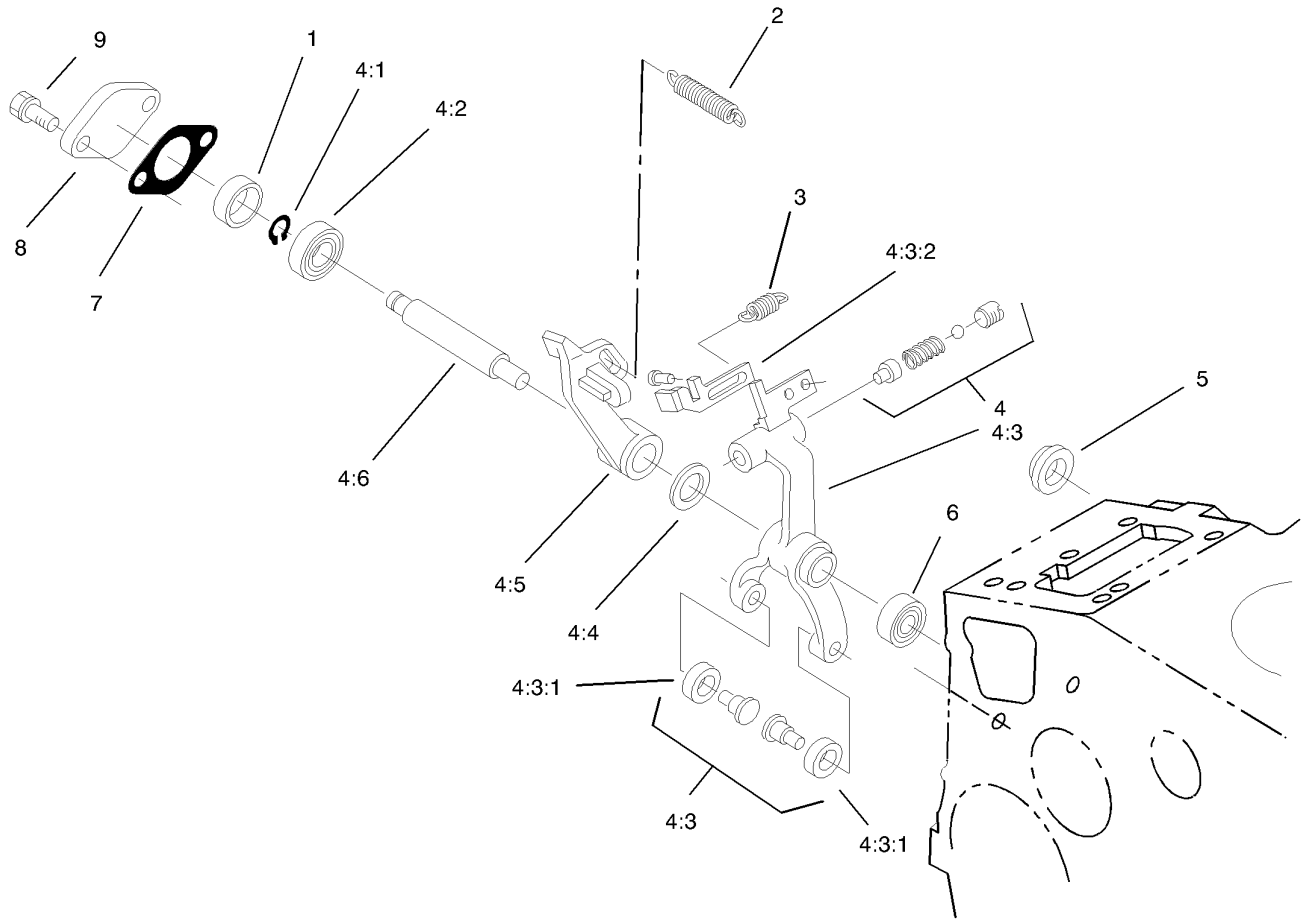
Ref	Part No.	Qty.	Description
1	98-9643	1	Injection Pump ASM
3	98-9596	1	Joint-Eye
4	98-9361	2	Bolt-HSH
5	98-9367	4	Washer-Spring
6	98-9456	1	Shim (0.2mm)
6	98-9457	1	Shim-Injection (0.25mm)
7	98-9458	1	Shim-Injection (0.30mm)
8	98-9438	2	Stud
9	98-9440	2	Nut-Cap



Injection Pump Assembly No. 98-9643

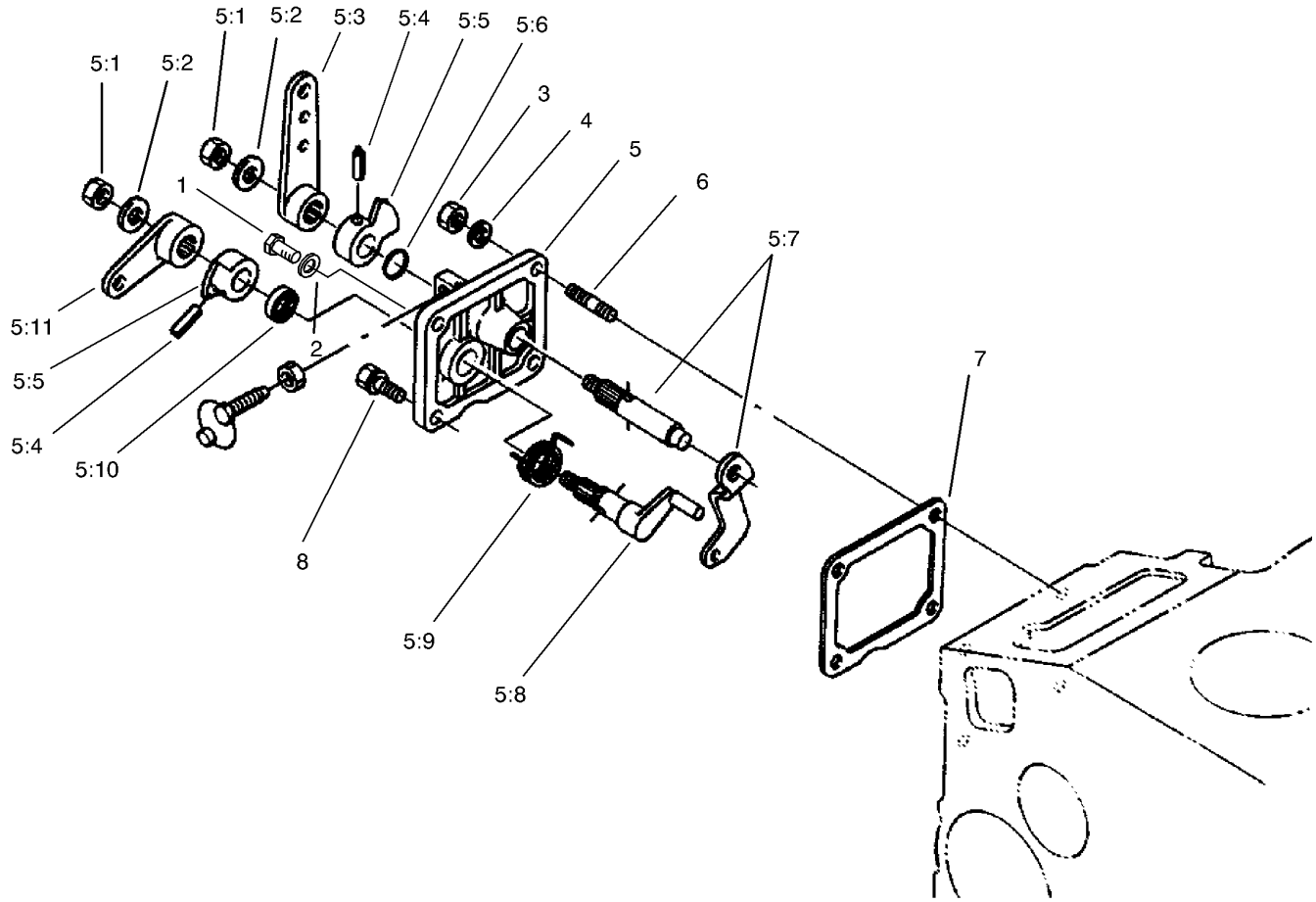
Ref	Part No.	Qty.	Description
1	98-9462	3	Element-Pump
2	98-9423	6	O-Ring
3	98-9443	3	Pin-Joint
4	98-9434	3	Flange-Sleeve
5	98-9421	3	Valve-Delivery
6	98-9424	3	Spring-Valve, Delivery
7	98-9425	3	Gasket-Valve, Delivery
8	98-9447	3	O-Ring
9	98-9652	3	Holder-Valve, Delivery
10	98-9452	6	Screw
11	98-9422	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



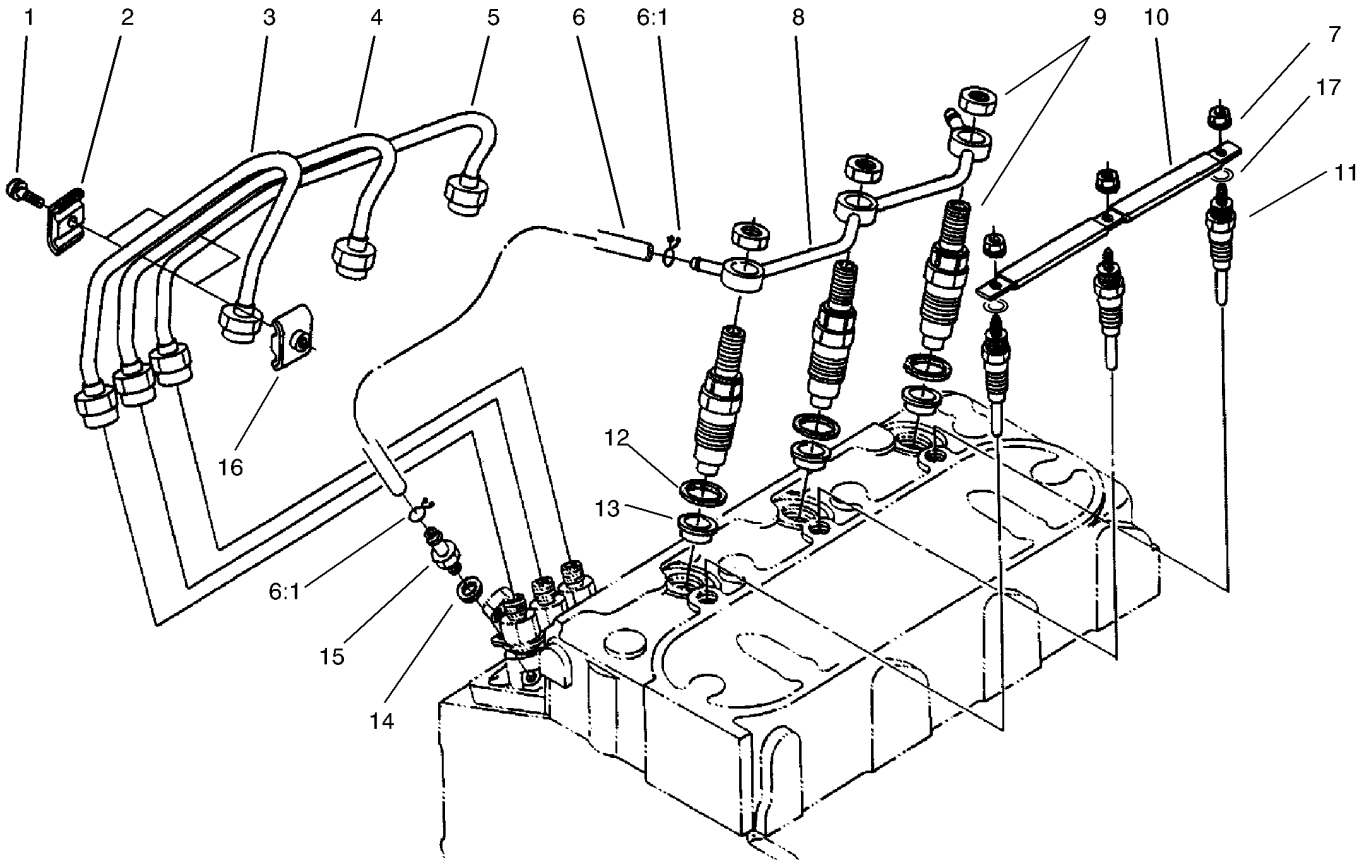
Governor Assembly

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



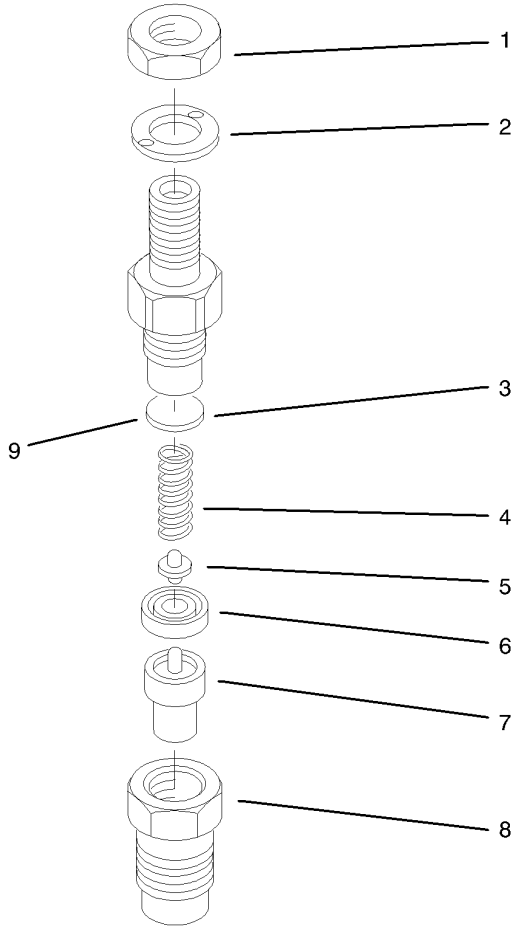
Speed Control Plate Assembly

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



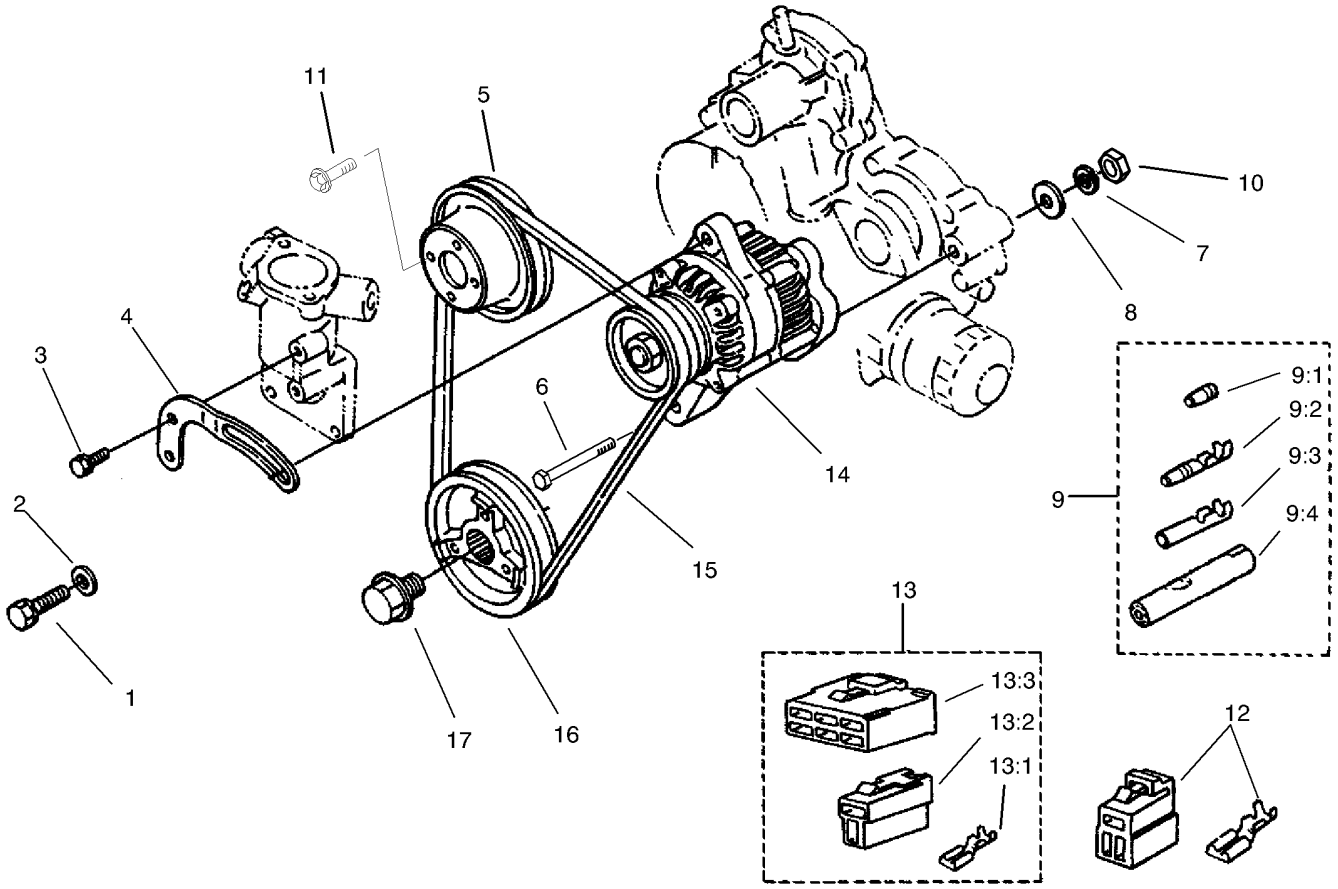
Nozzle Holder and Glow Plug Assembly

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



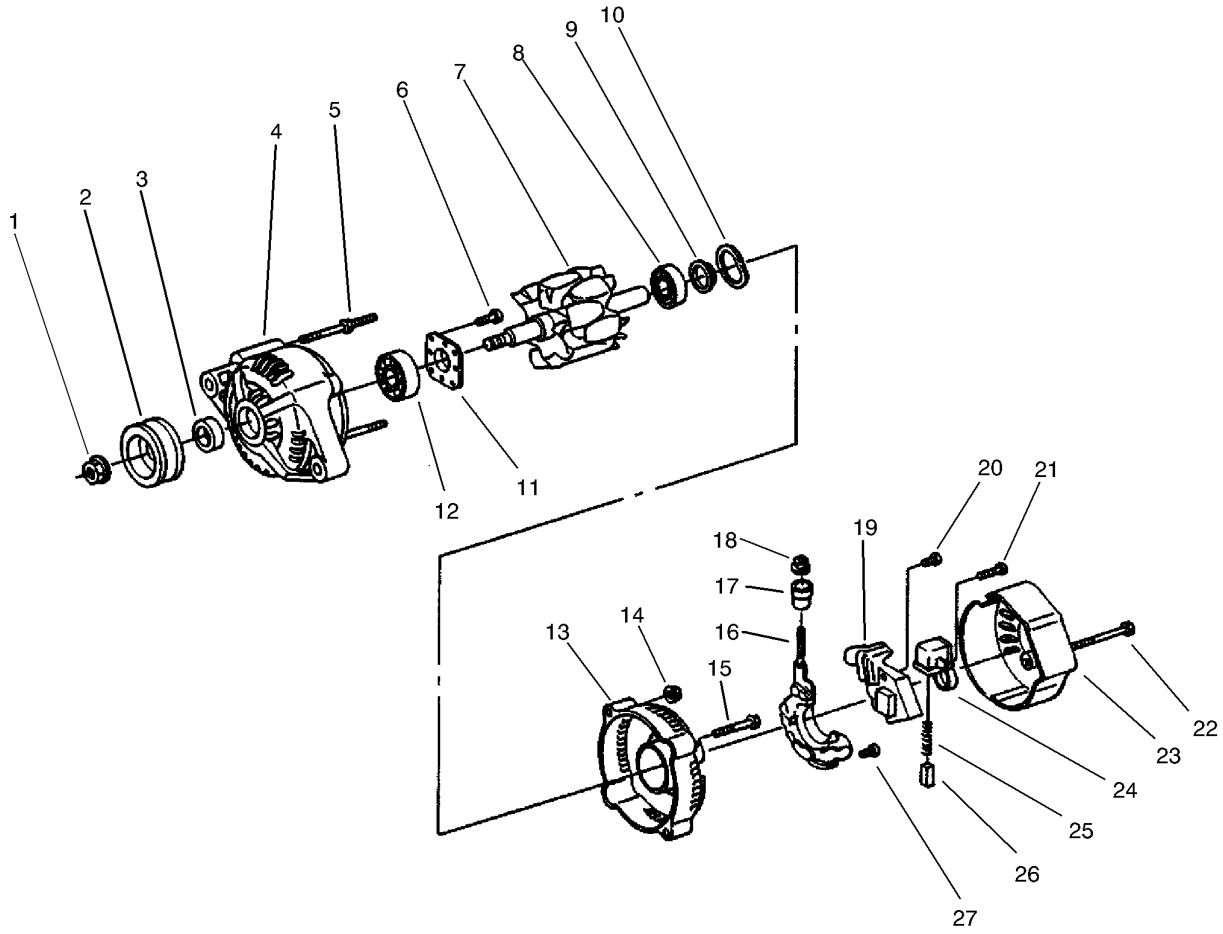
Nozzle Holder Assembly 98-9468

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

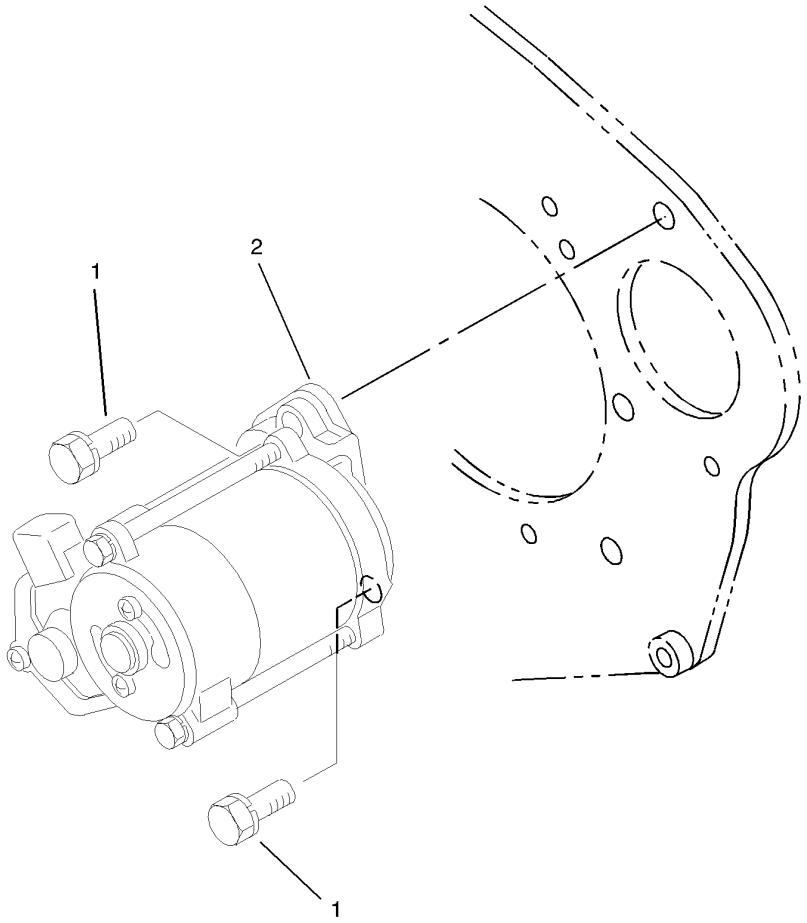
Ref	Part No.	Qty.	Description
1	98-7697	1	Bolt
2	98-7698	1	Washer-Plain
3	98-7692	1	Bolt
4	98-9573	1	Stay-Dynamo
5	98-9584	1	Pulley-Fan
6	98-9360	1	Bolt
7	98-9368	1	Washer-Spring
8	98-9366	1	Washer-Plain
9	98-9700	1	Terminal ASM
9:1	98-9701	1	Terminal
9:2	98-9702	1	Sleeve
9:3	98-9703	1	Terminal
9:4	98-9704	1	Sleeve
10	98-7737	1	Nut
11	99-8363	4	Bolt-Flange
12	98-9602	1	Lock Coupler ASM
13	98-9696	1	Coupler ASM
13:1	98-9699	7	Terminal
13:2	98-9698	1	Connector
13:3	98-9697	1	Connector
14	98-9474	1	Alternator ASM
15	98-9676	1	V-Belt
16	104-1247	1	Pulley-Fan Drive
17	98-9585	1	Bolt



Alternator Assembly No. 98-9474

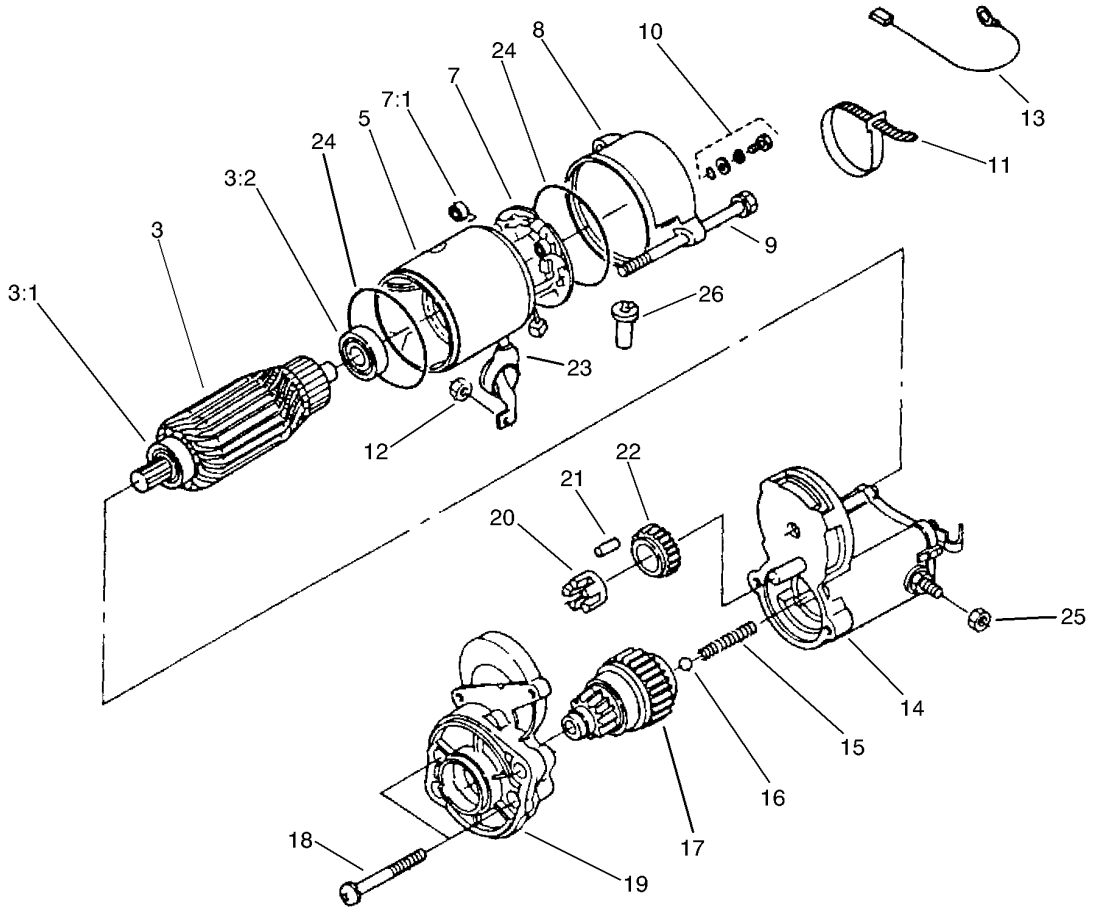
Ref	Part No.	Qty.	Description
1	98-7708	1	Nut
2	98-9453	1	Pulley-Dynamo
3	98-7709	1	Collar
4	98-7714	1	Frame-End, Drive
5	98-7717	2	Bolt-Through
6	98-7716	4	Screw-Head, Round
7	98-7710	1	Rotor
8	98-7712	1	Bearing-Ball
9	98-7711	1	Cover-Bearing
10	98-7713	1	Washer-Thrust
11	98-7715	1	Plate-Retainer
12	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

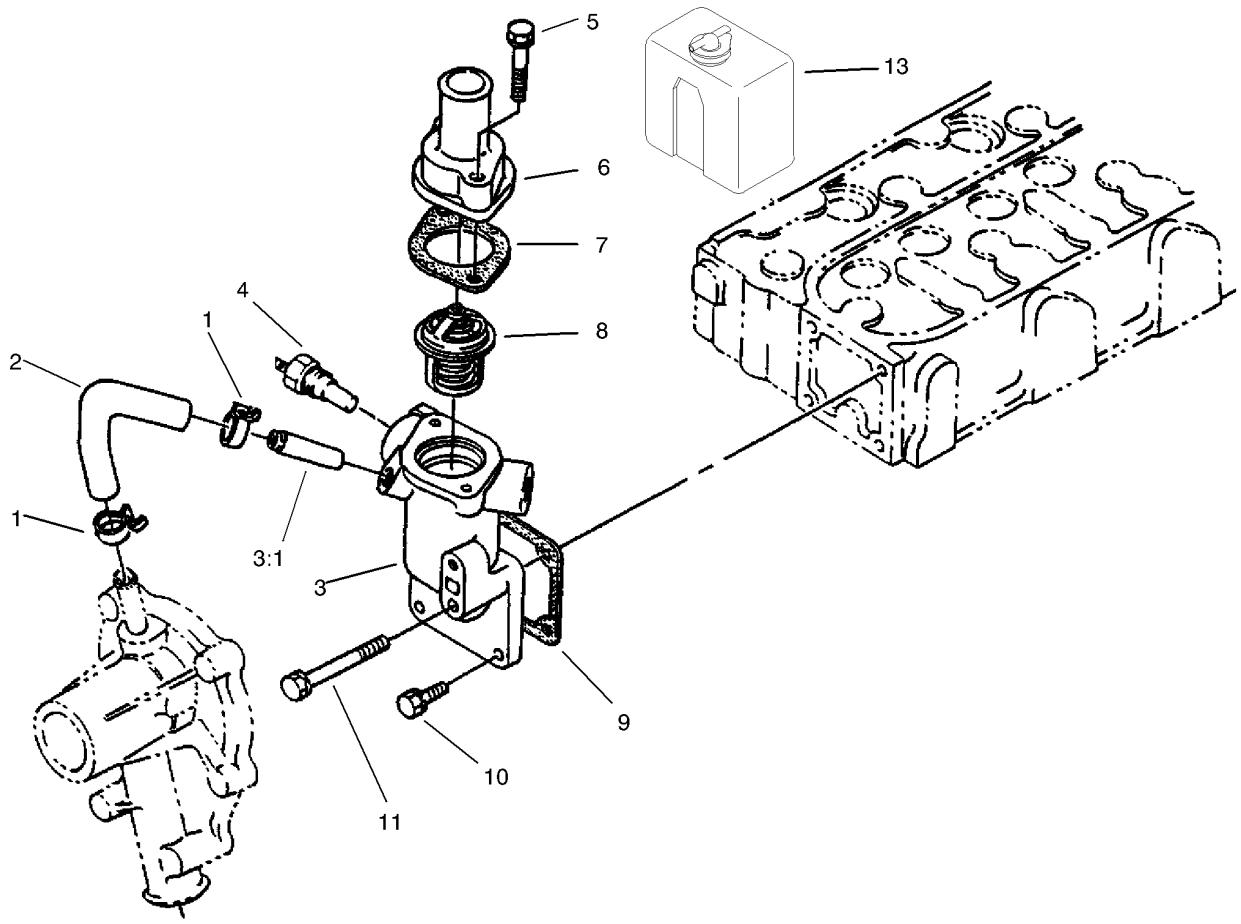
Ref	Part No.	Qty.	Description
1	98-7697	2	Bolt
2	98-9705	1	Starter ASM



Starter Assembly No. 98-9705

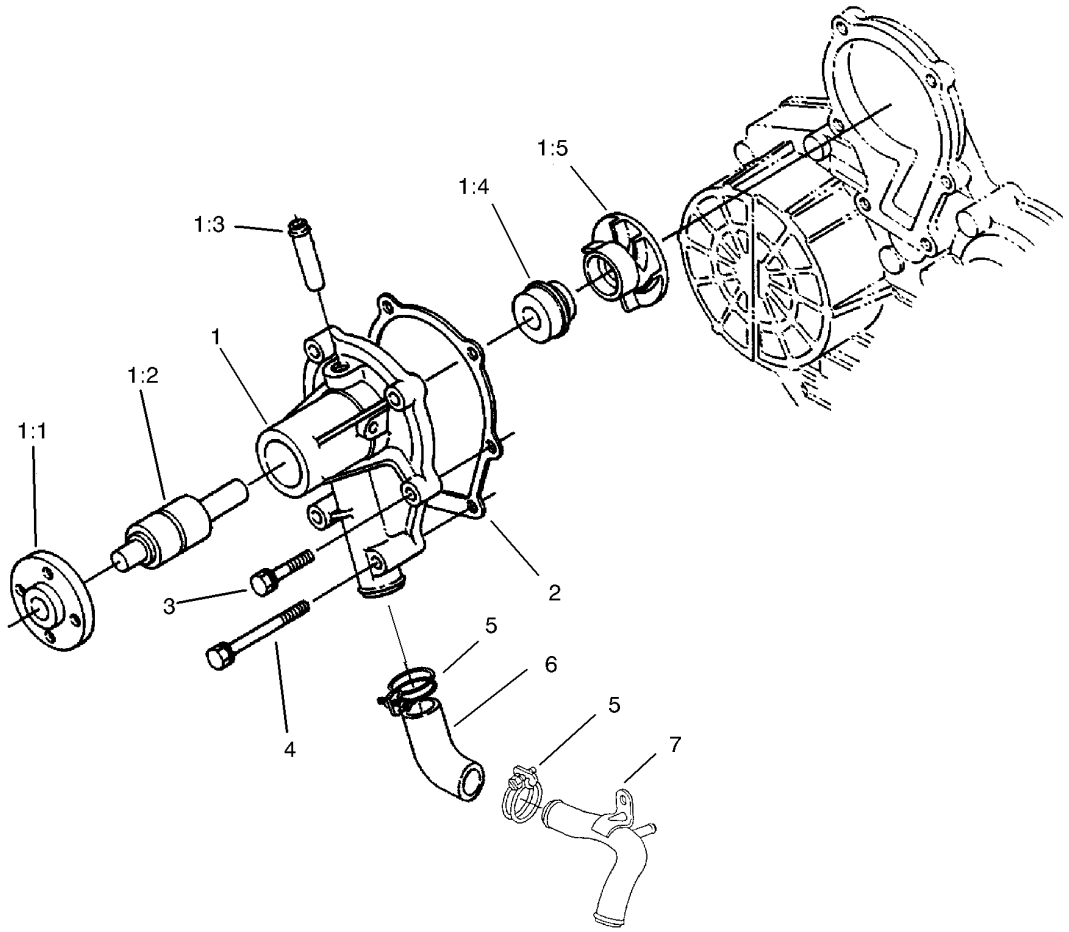
Ref	Part No.	Qty.	Description
3	98-7742	1	Armature ASM
3:1	98-7743	1	Bearing
3:2	98-7744	1	Bearing
5	98-7741	1	Yoke ASM
7	98-7749	1	Brush Holder ASM
7:1	98-7750	4	Spring-Brush
8	99-8370	1	Frame-End
9	98-9549	2	Bolt
10	98-7758	2	Bolt ASM
11	98-9712	1	Band-Cover
12	99-8371	1	Nut-Hex
13	98-9711	1	Cord-Solenoid, 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

Ref	Part No.	Qty.	Description
26	98-7759	1	Pipe-Drain



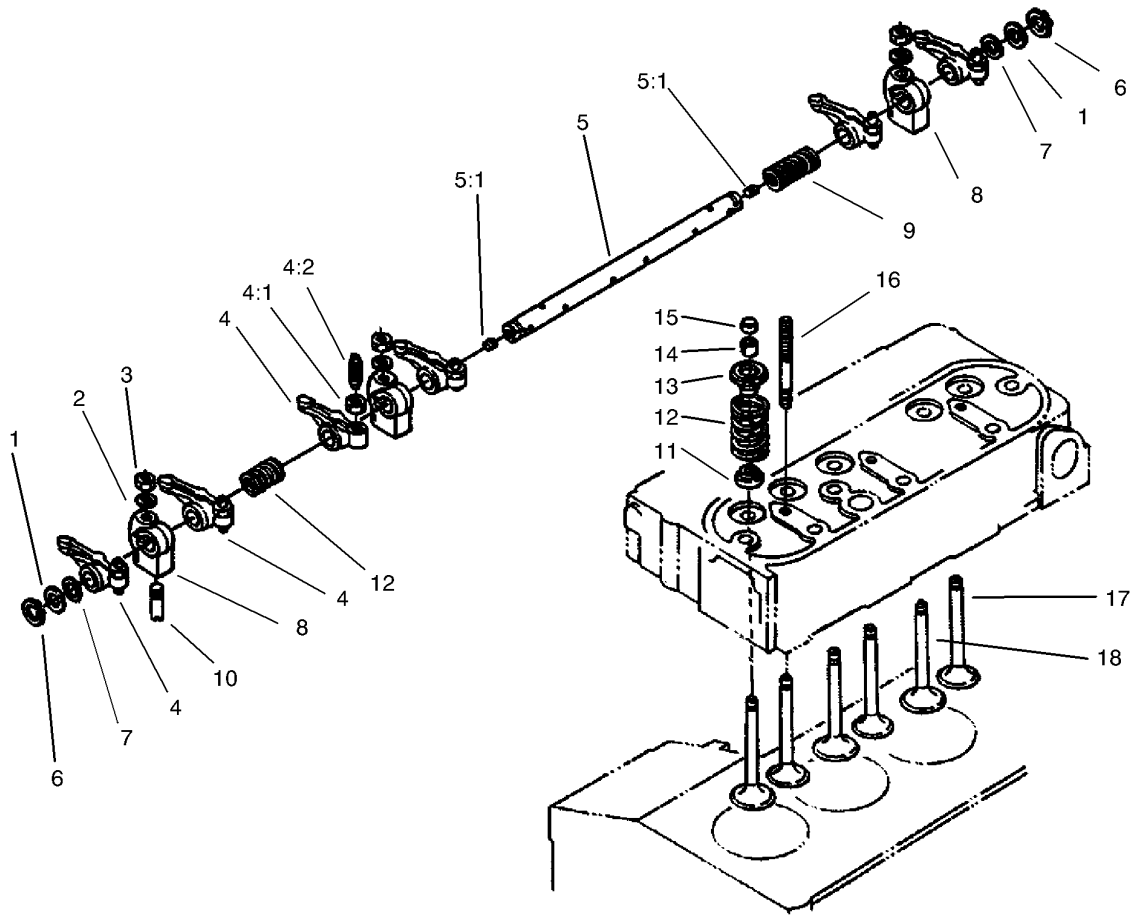
Water Flange and Thermostat Assembly

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	98-9471	1	Cover-Thermostat
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	104-9318	1	Bottle-Overflow



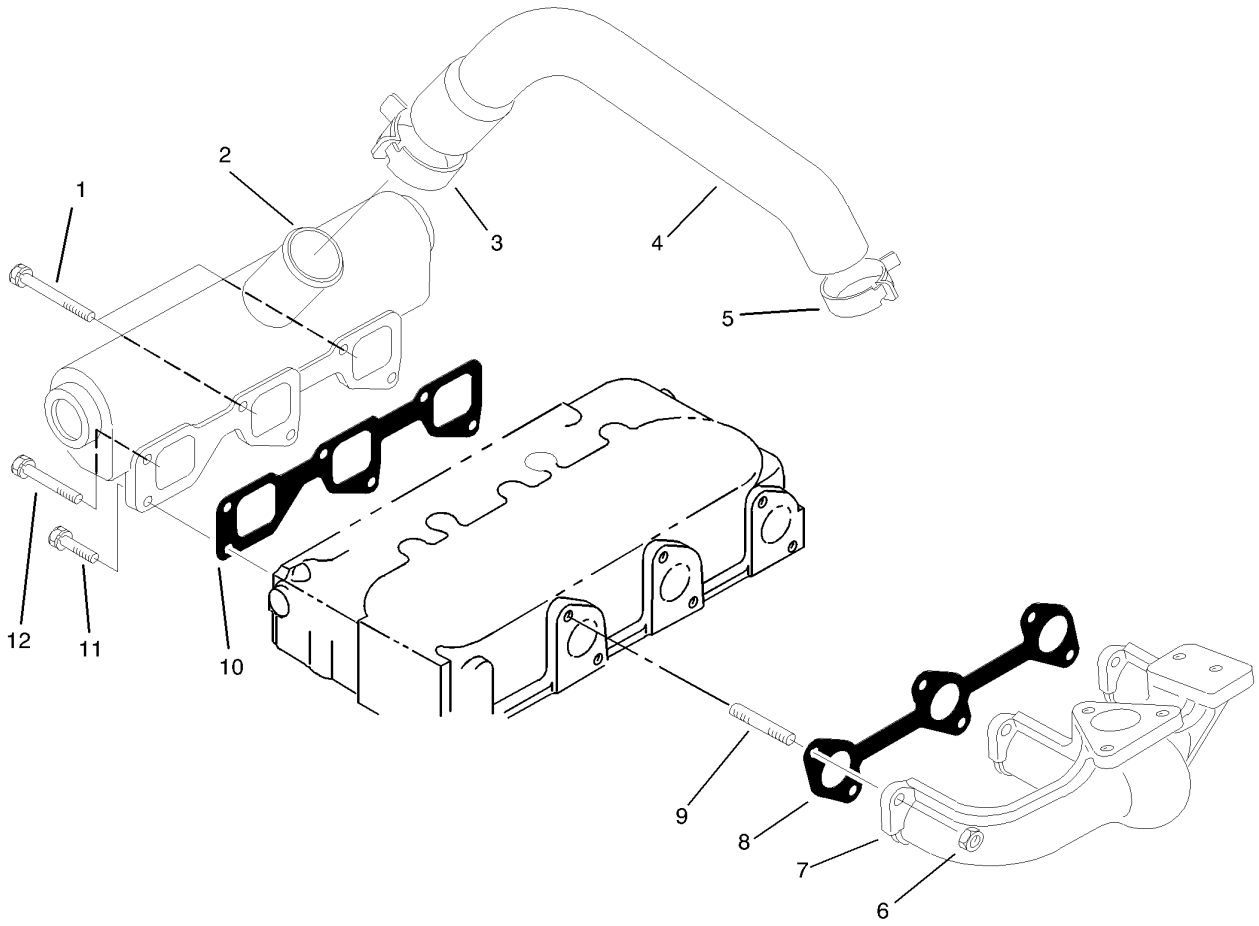
Water Pump Assembly

Ref	Part No.	Qty.	Description
1	98-9575	1	Water Pump ASM
1:1	98-9582	1	Flange-Pump, Water
1:2	98-9583	1	Bearing
1:3	98-9577	1	Pipe-Return, Water
1:4	98-9576	1	Mechanical Seal ASM
1:5	98-9581	1	Impeller-Pump, Water
2	98-9632	1	Gasket-Pump, Water
3	98-9353	1	Bolt
4	98-9357	4	Bolt
5	98-9717	2	Clamp
6	98-9574	1	Pipe-Water
7	99-8379	1	Pipe-Water



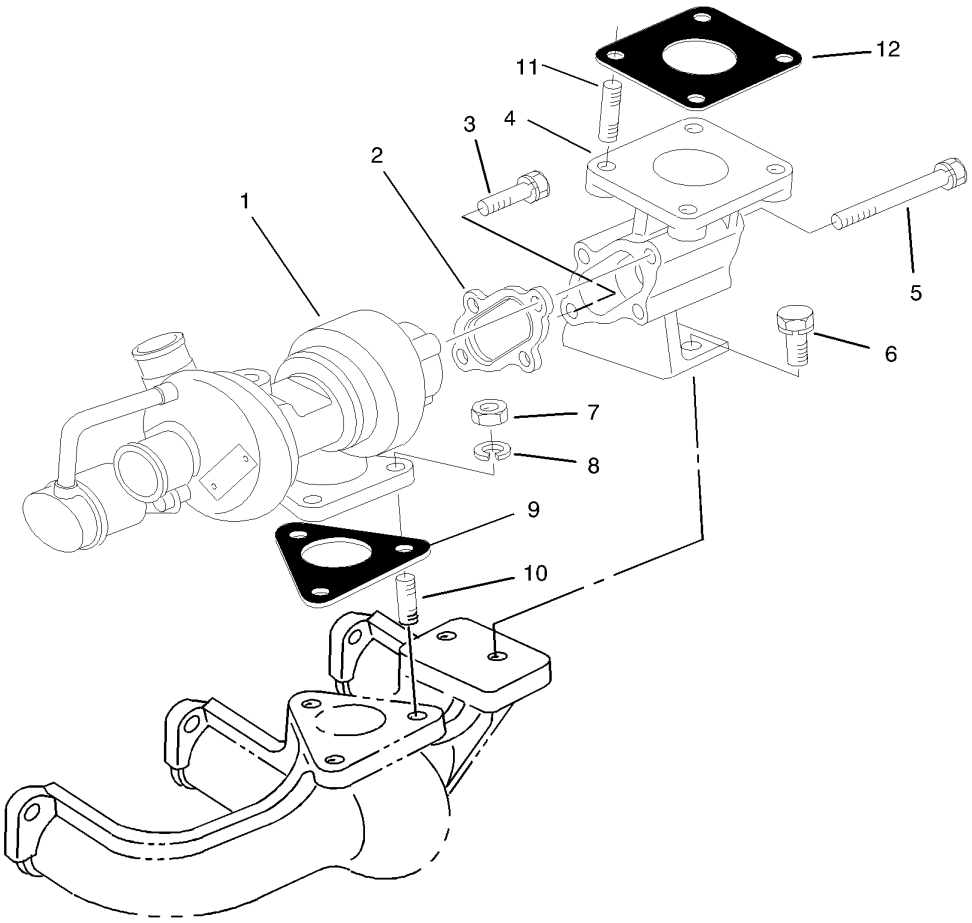
Valve and Rocker Arm Assembly

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 Charger 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	98-7610	2	Bolt
7	98-7534	3	Nut
8	99-8339	3	Washer-Spring
9	99-8340	1	Gasket
10	99-8341	3	Stud
11	99-8342	4	Stud
12	99-8343	1	Gasket-Muffler


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