



Reelmaster® 5500-D 2-Wheel Drive

Model No. 03550 - 250000001 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.

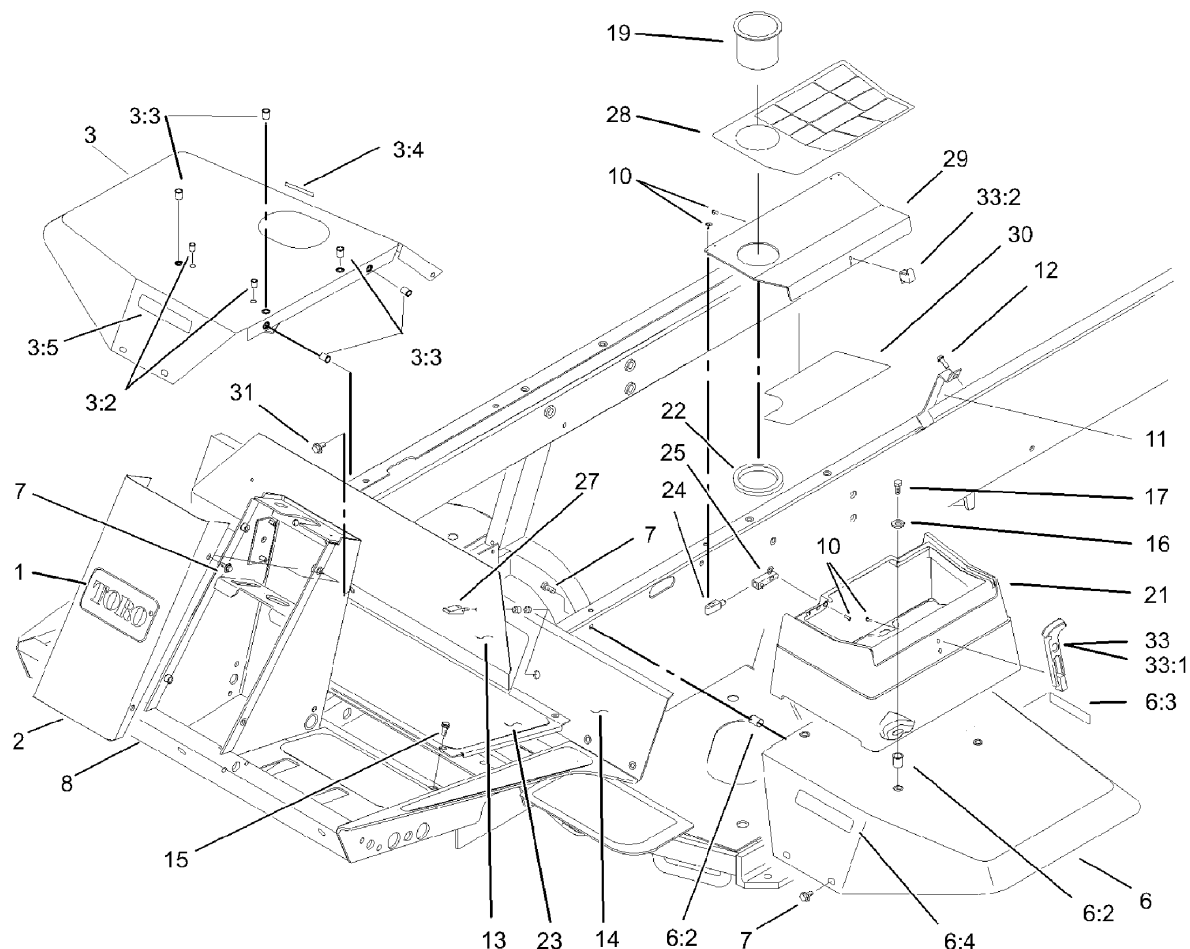
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	NPTF.	national pipe thread fine
GA.	gauge	PPH.	phillips pan head
HF.	hex flange	PRH.	phillips round head
HH.	hex head	PTH.	phillips truss head
HHF.	hex head flange	PTO.	power take off
HHFTF.	hex head flange thread forming	RH.	right hand
HJ.	hex jam	SFH.	slotted fillister head
HLH.	hex lag head	SHH.	slotted hex head
HOC.	height-of-cut	SHWH.	slotted hex washer head
HS.	hex	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
		WH.	wing head

Footnotes

- ❶

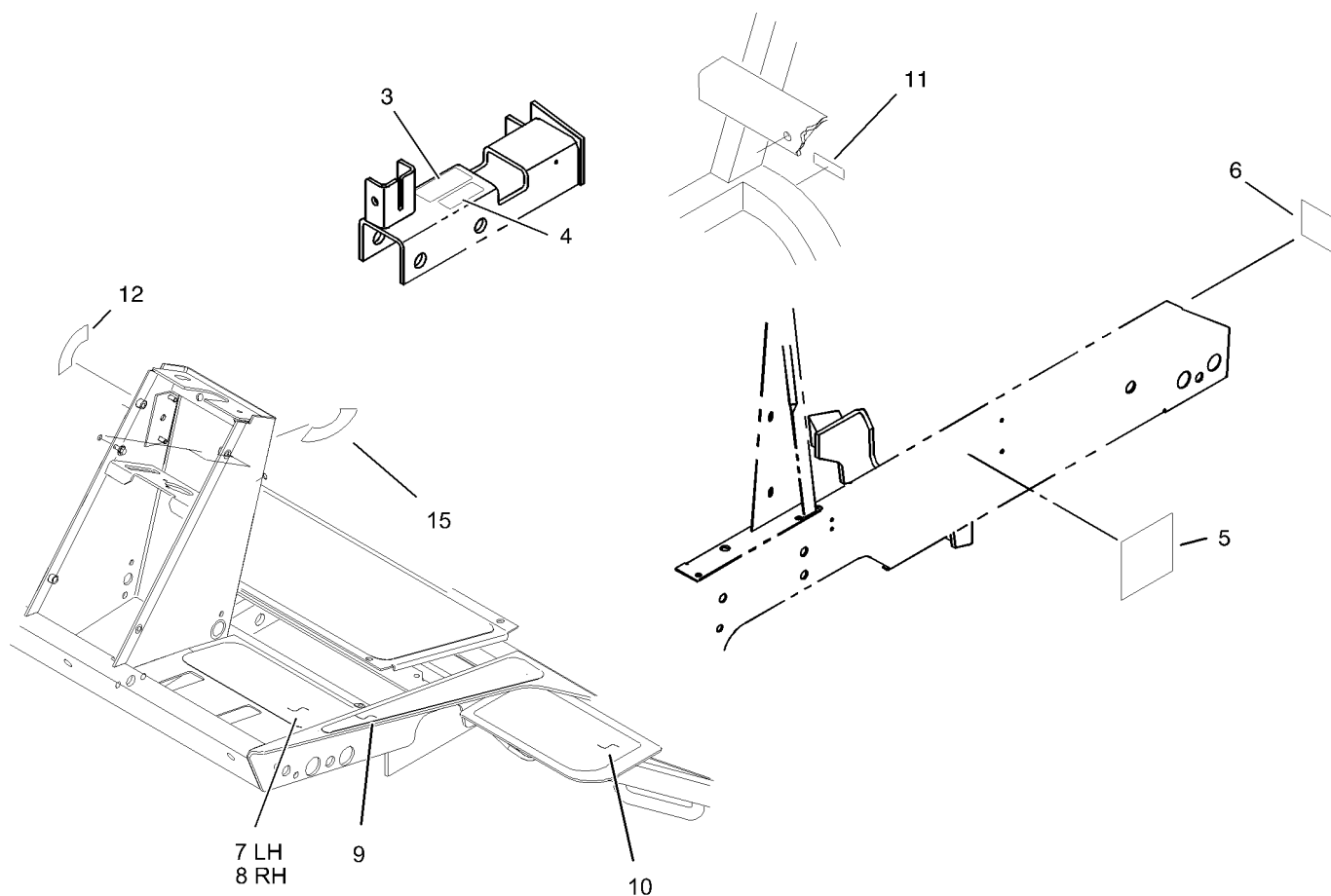
Not illustrated
- ❷

Not serviced separately



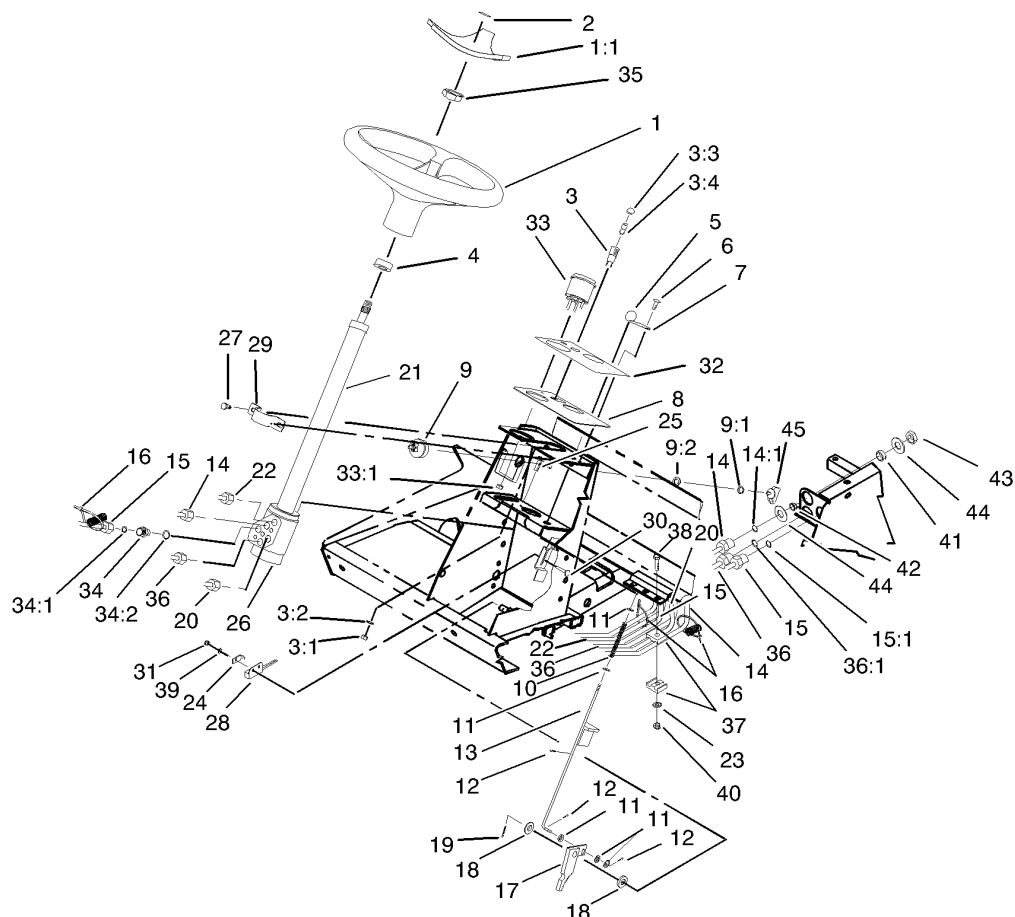
Frame and Body Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	62-5550	1	Decal	22	104-1476	1	Ring-Rubber
2	93-7996-01	1	Cover-Tower	23	75-0630	1	Tread-Foot, Center
3	106-5950	1	RH Fender ASM	24	104-1496	2	Hinge-Pin
3:2	32148-6	2	Insert-Nut	25	104-1497	2	Hinge-Receiver
3:3	32148-7	5	Insert-Nut	27	74-5950	2	Latch-Swell
3:4	93-6686	1	Decal-Oil, HYD	28	104-9294	1	Decal-Warning
3:5	93-6689	1	Decal-No Riders	28	104-9295	1	Decal-Warning, Ce
6	106-5951	1	LH Fender ASM	29	104-1489-03	1	Cover-Toolbox
6:2	32148-7	6	Insert-Nut	30	107-8841	1	Decal-Service
6:3	93-6680	1	Decal-Diesel	31	3234-5	1	Screw
6:4	93-6689	1	Decal-No Riders	33	94-5626	1	Latch-Draw, Flexible
7	3234-14	14	Screw-HHF	33:1	100-5806	1	Handle-Latch
8	107-2385	1	Frame ASM	33:2	100-5807	1	Keeper-Latch
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				
15	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				



Frame Assembly No. 107-2385

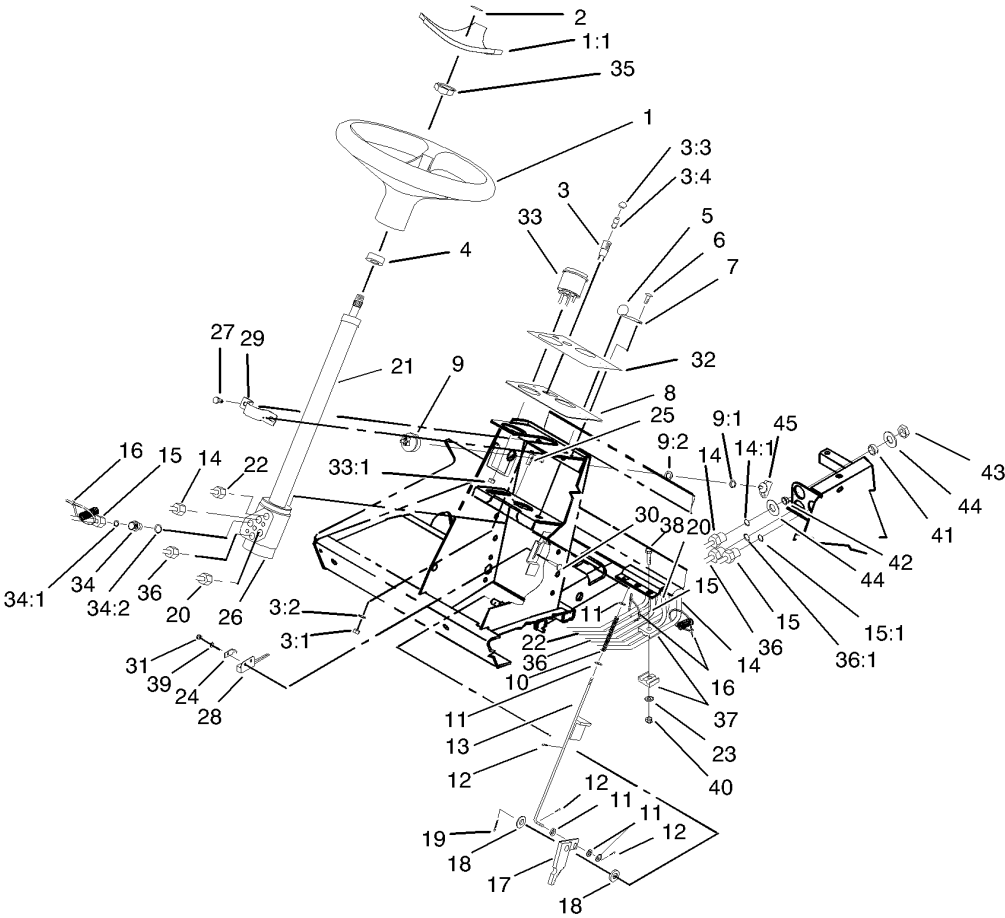
Ref	Part No.	Qty.	Description
3	93-6693	1	Decal-Plate, Floor
4	93-6686	1	Decal-Oil, HYD
5	104-0049	2	Cover-Rail, Side
6	62-7400	1	Decal
7	75-0620	1	Tread-Foot, LH
8	75-0610	1	Tread-Foot, RH
9	93-7592	2	Tread-Rest, Foot
10	104-0048	1	Tread-Step
11	93-6691	1	Decal-Bolt, Eccentric
12	93-6699	1	Decal-Fast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



Steering Tower Assembly

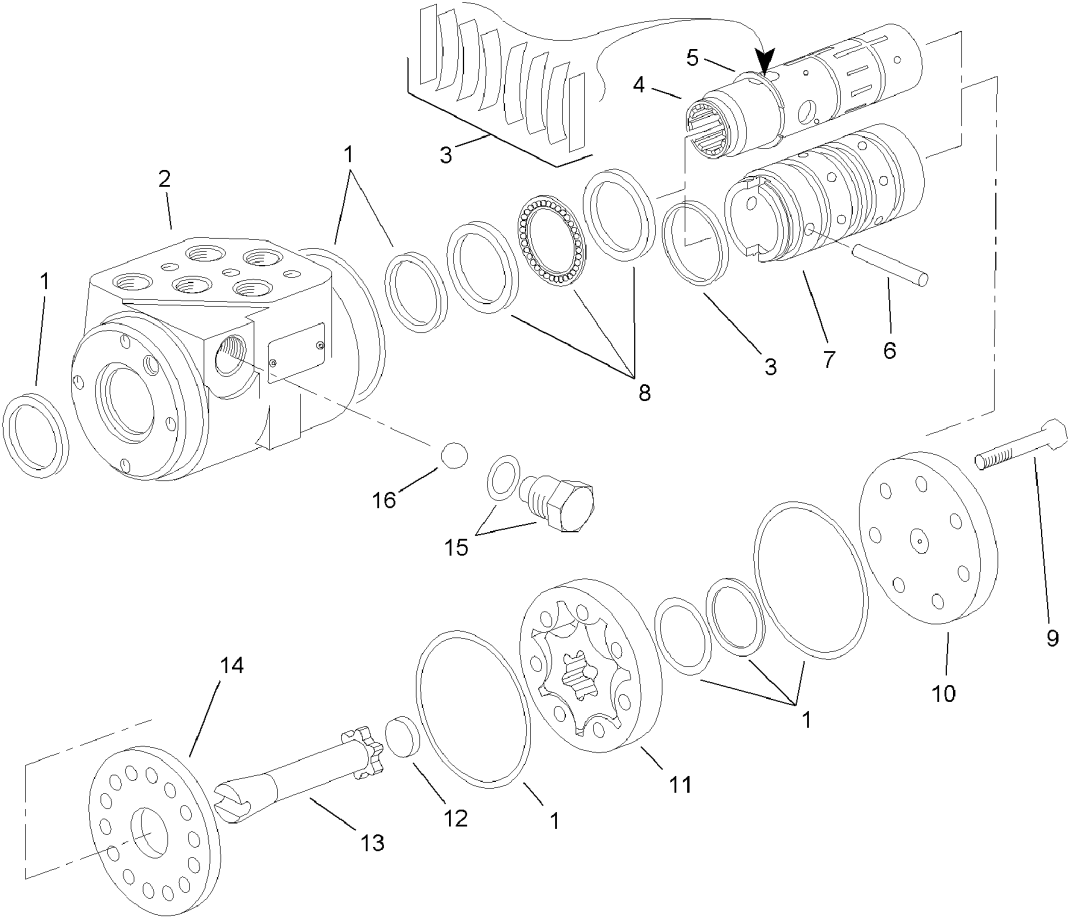
Ref	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	98-1459	1	Decal
3	44-2210	1	Light-Indicator, Red
3:1	218-535	1	Nut-Hex
3:2	218-536	1	Washer-Lock
3:3	218-533	1	Lens
3:4		1	Bulb
4	21-9260	1	Cover-Dust
5	233-17	1	Knob
6	87-6620	2	Screw
7	3256-1	2	Washer-Flat
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	Tscrew-HWH
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
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



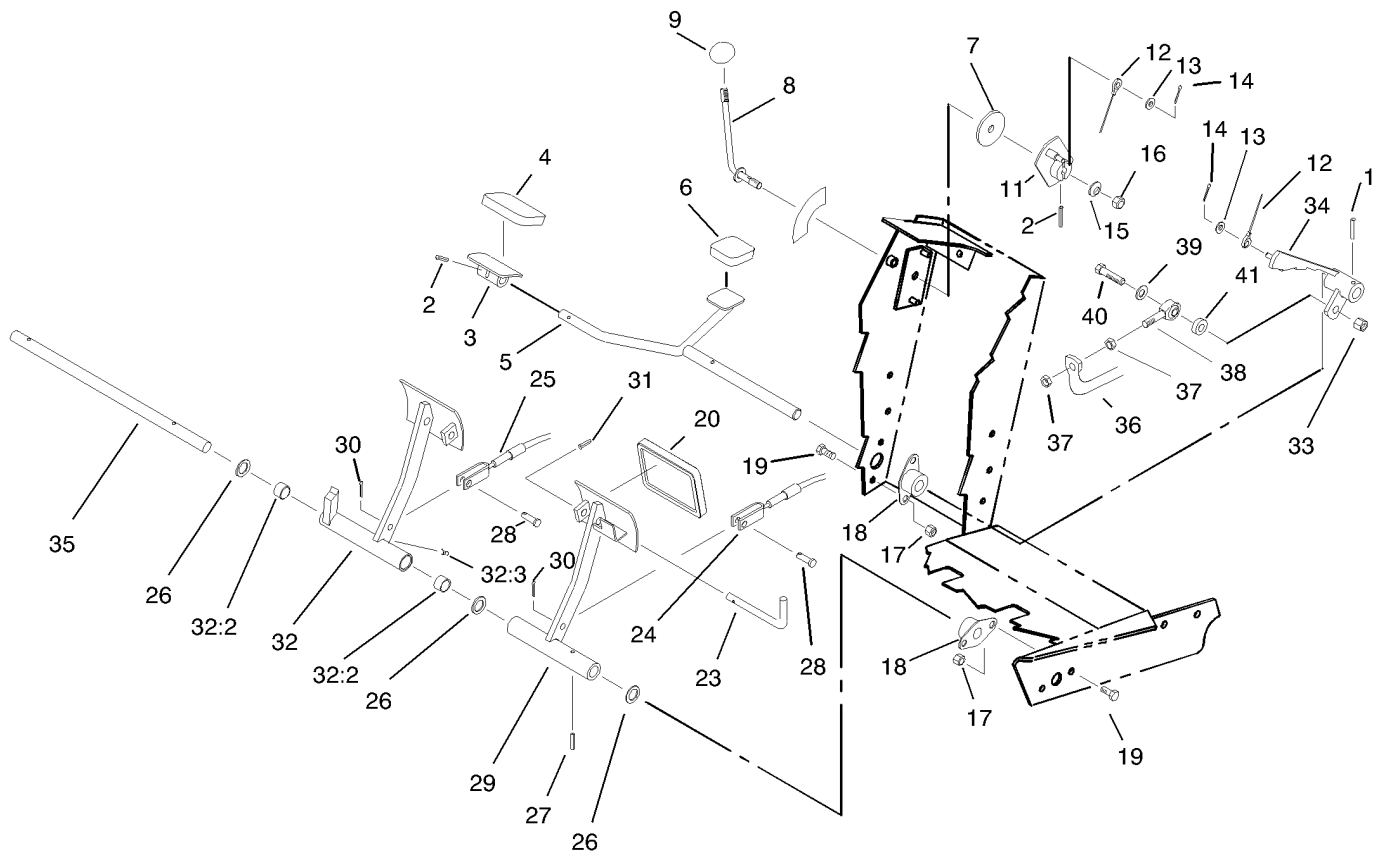
Steering Tower Assembly (continued)

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				



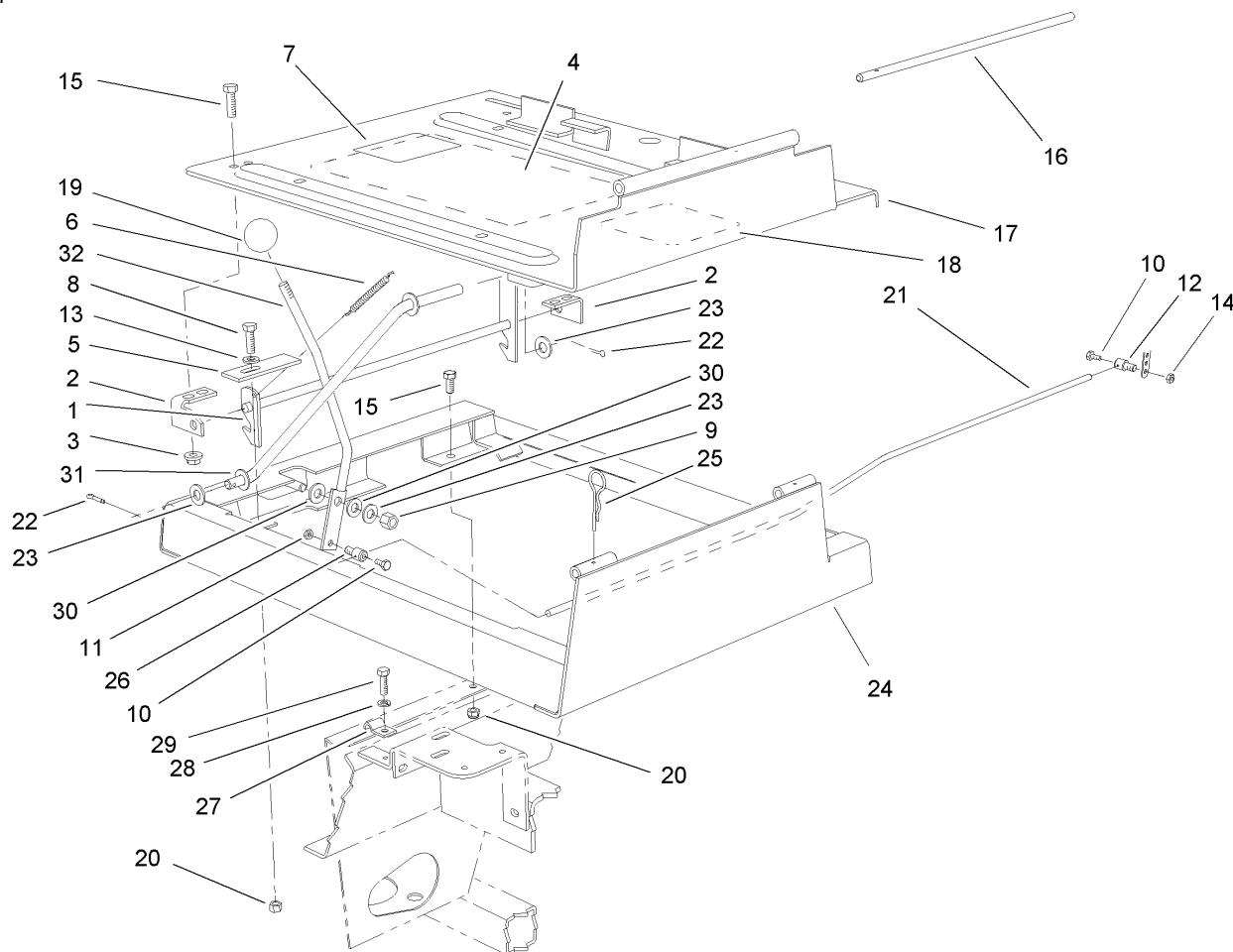
Steering Control Assembly No. 105-3315

Ref	Part No.	Qty.	Description				
1	94-4099	1	Seal Kit				
2		1	Housing				
3	94-4095	1	Centering Spring Kit				
4		1	Spool				
5	94-4098	1	Ring-Retaining				
6	94-4094	1	Pin				
7		1	Sleeve				
8	94-4096	1	Bearing Kit				
9	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 Pedal Assembly

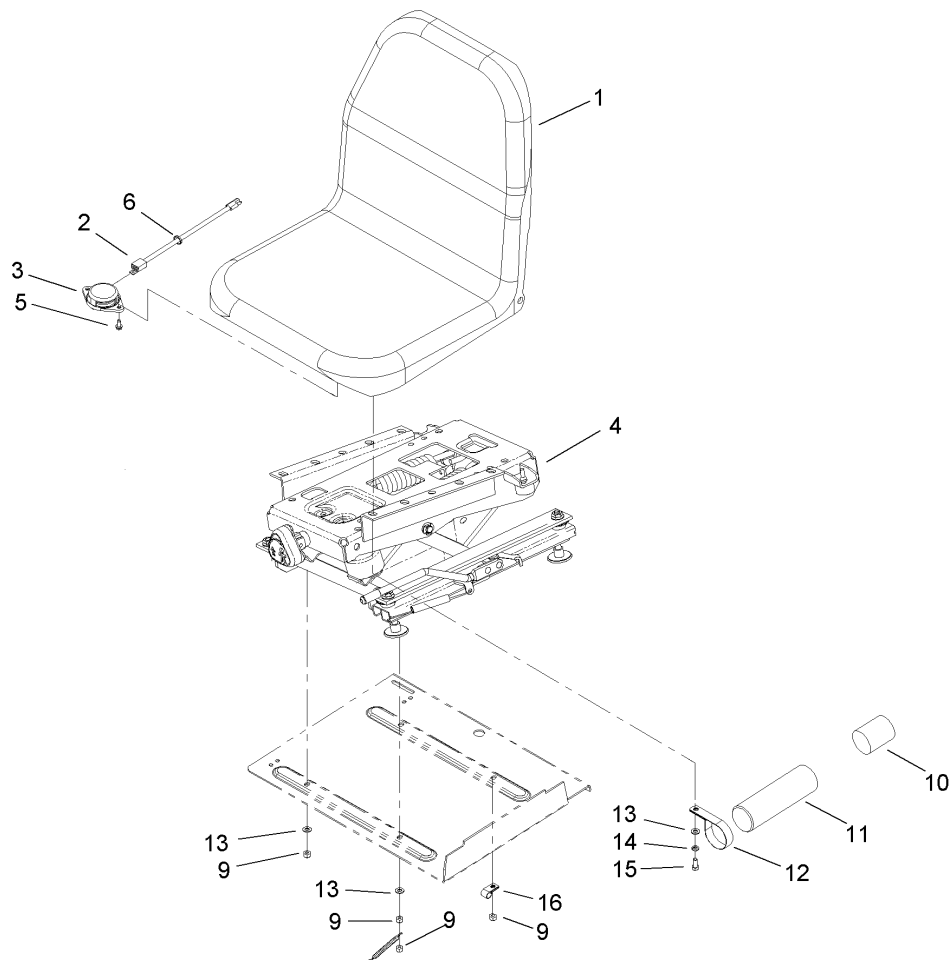
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	32121-6	1	Pin-Roll, Slotted	28	283-58	2	Pin-Clevis
2	32121-45	2	Pin-Spring	29	75-1440-03	1	LH Brake Pedal ASM
3	49-6440-03	1	Pedal-Forward	30	3272-10	2	Pin-Cotter
4	74-9100	1	Pad-Pedal, Forward	31	32121-50	1	Pin-Spring
5	75-2970	1	Pedal-Traction	32	75-1430	1	Pedal-Brake, RH
6	74-9110	1	Pad-Pedal, Reverse	32:2	256-42	2	Bushing
7	75-6550	1	Disc-Friction	32:3	302-5	1	Fitting-Grease
8	75-6490	1	Lever	33	3296-39	1	Nut-Lock, NI
9	233-42	1	Knob	34	75-3270-03	1	Hub-Pivot, Traction
11	75-6510	1	Bracket-Lever	35	75-1470	1	Pin-Pivot, Brake
12	75-6580	1	Cable-Pedal	36	75-2170-03	1	Tube-Control, Pump
13	3256-22	2	Washer-Flat	37	3220-3	2	Nut-Jam
14	3272-2	2	Pin-Cotter	38	2411-36	1	Bearing-End, Rod
15	3290-461	1	Washer-Spring	39	3256-24	1	Washer-Flat
16	3296-59	1	Nut-Lock, NI	40	323-9	1	Screw-HH
17	3296-29	8	Nut-Lock, NI	41	5-0652	1	Spacer
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				



Seat Frame and Throttle Assembly

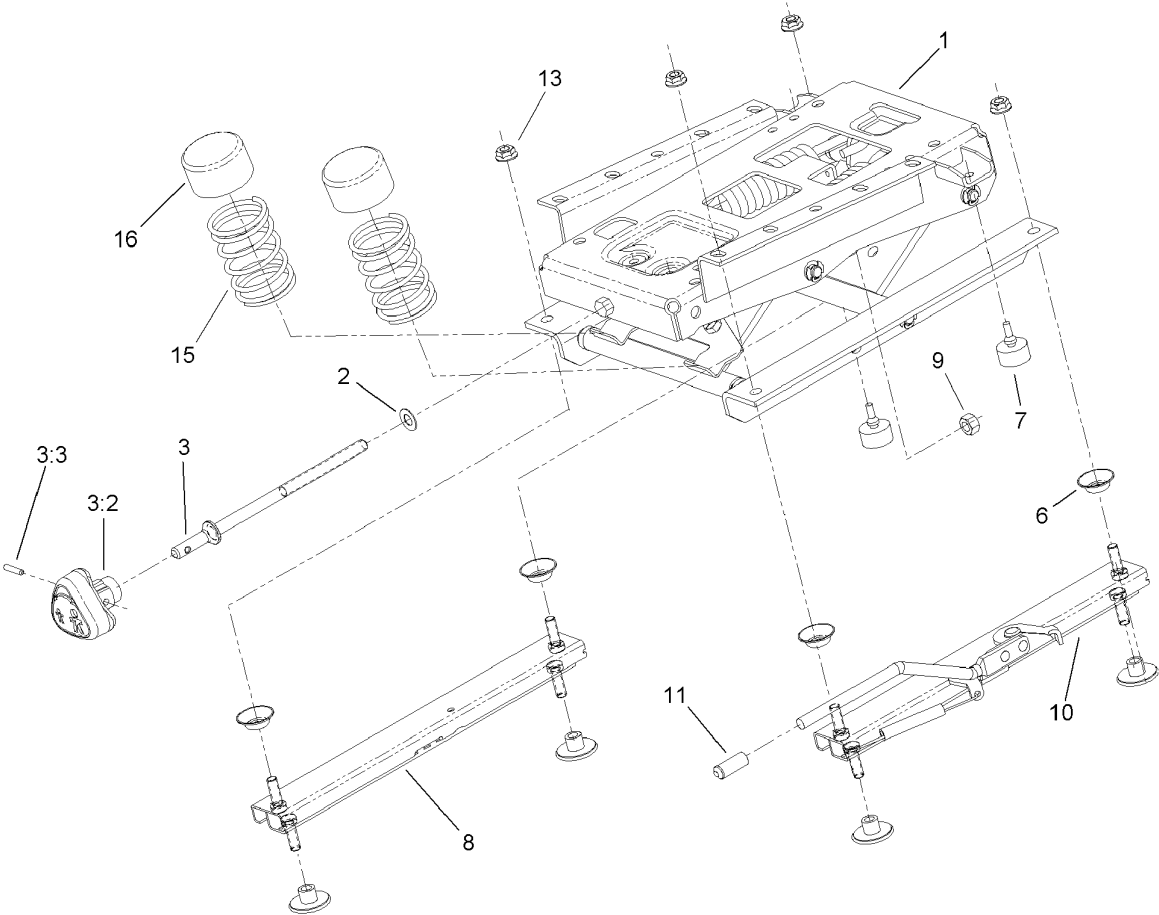
Ref	Part No.	Qty.	Description
1	98-2354-03	1	Latch-Seat
2	98-2353	2	Bracket-Latch, Seat
3	104-8300	4	Nut-Flange, NI
4	105-7528	1	Decal-Information, Solenoid
5	98-9302	1	Plate-Stop, Idler
6	66-4190-03	1	Spring-Idler, Clutch
7	105-4674	1	Decal-Noise
8	322-5	1	Screw-HH
9	3296-39	1	Nut-Lock, NI
10	25-8640	2	Screw-HH
11	3296-3	1	Nut-Lock
12	98-9311	1	Swivel-Throttle
13	3256-23	1	Washer-Flat
14	3296-20	1	Nut-Lock, NI
15	322-3	7	Screw-HH
16	75-3400	1	Shaft-Pivot, Seat
17	98-2350-03	1	Seat Plate ASM
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

Ref	Part No.	Qty.	Description
25	3290-467	1	Pin-Hair
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



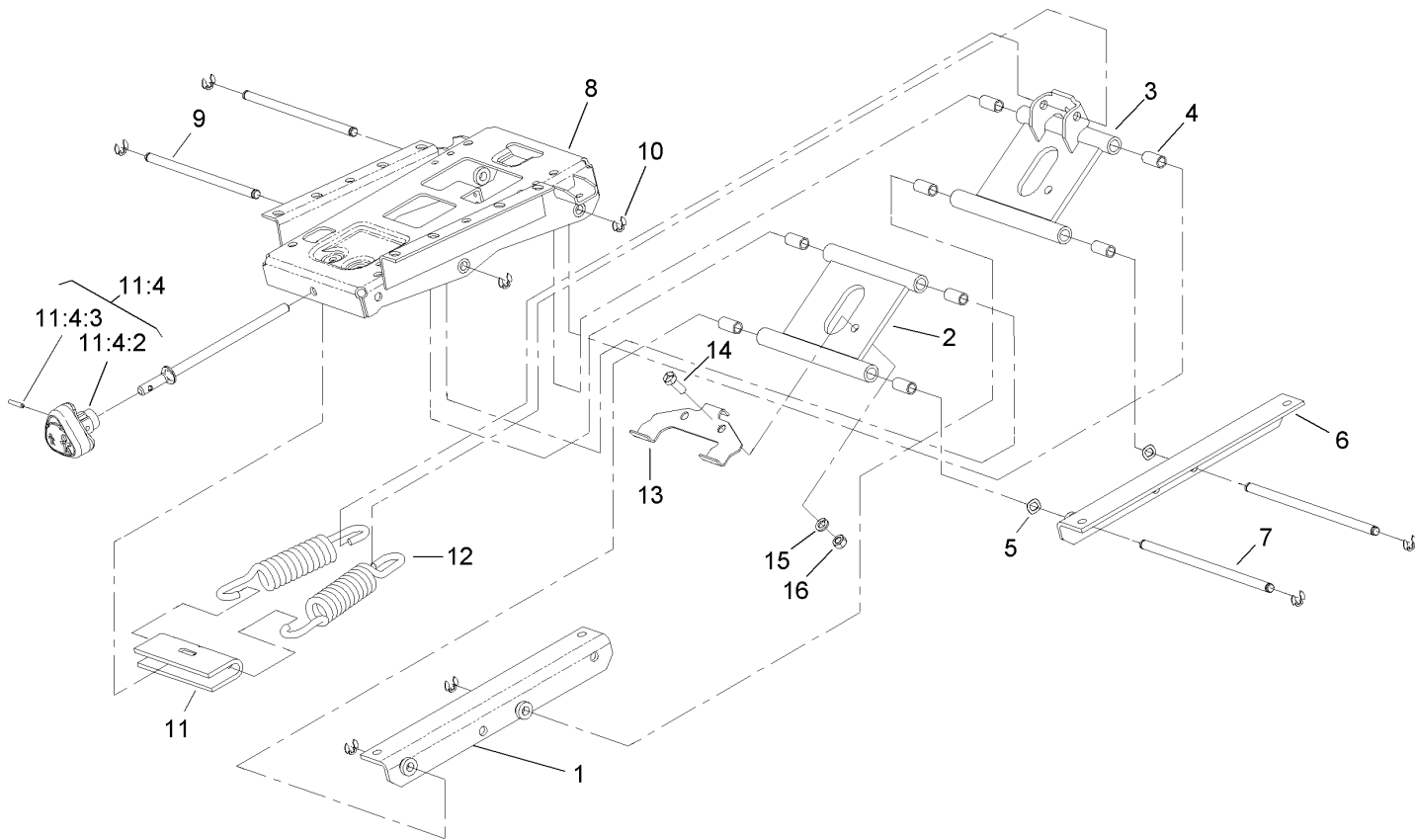
Seat and Suspension Assembly

Ref	Part No.	Qty.	Description				
1	104-4620	1	Seat-Olympic				
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				



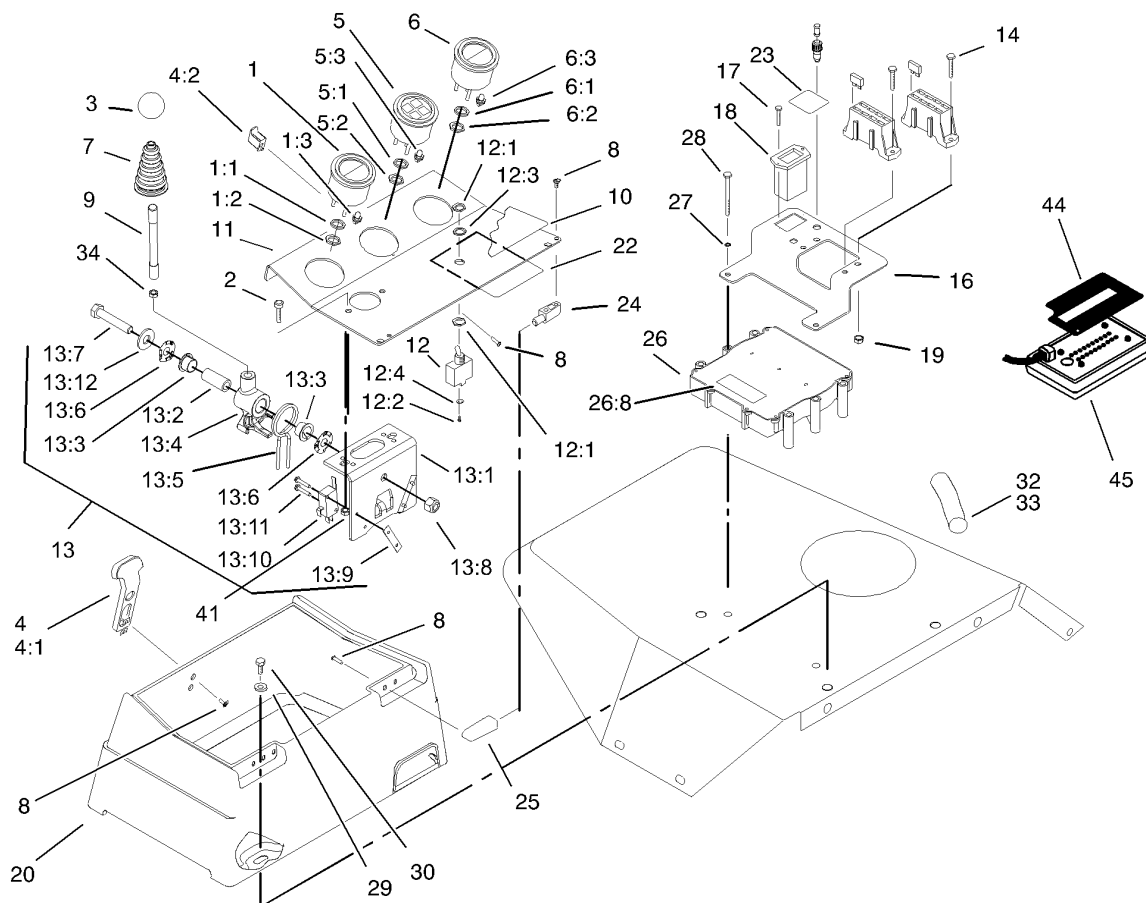
Seat Suspension Assembly No. 76-1970

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, Side				
10	66-8510	1	Adjuster W/handle				
11	75-3570	1	Tip-Vinyl				
13	32128-25	4	Nut-HF				
15	93-3163	2	Spring				
16	93-3164	2	Cap				



Suspension Assembly No. 106-8085

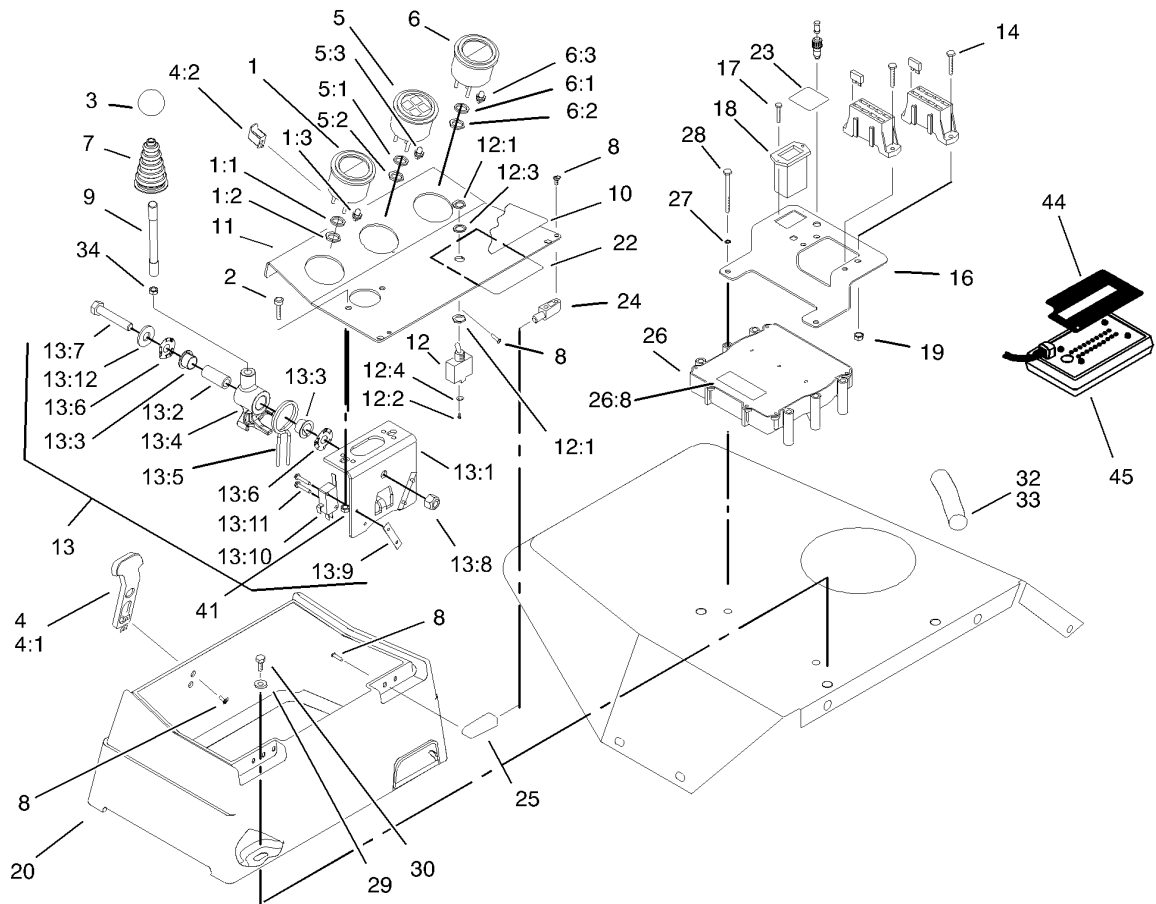
Ref	Part No.	Qty.	Description				
1	106-8086	1	Bracket-Mounting, RH				
2	106-8087	1	Arm				
3	106-8088	1	Bellcrank				
4	76-1920	8	Sleeve-Bearing				
5	108472	2	Washer-Wave				
6	106-8089	1	Mounting Bracket, LH				
7	106-8090	2	Shaft-Pivot				
8	66-8600	1	Frame-Upper				
9	76-1910	2	Shaft-Pivot				
10	32151-47	8	Ring-Retaining				
11	76-1960	1	Knob Kit				
11:4		1	Tension Adjuster Knob ASM				
11:4:2	106-8093	1	Knob-Adjust, Tension				
11:4:3	32121-45	1	Pin-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

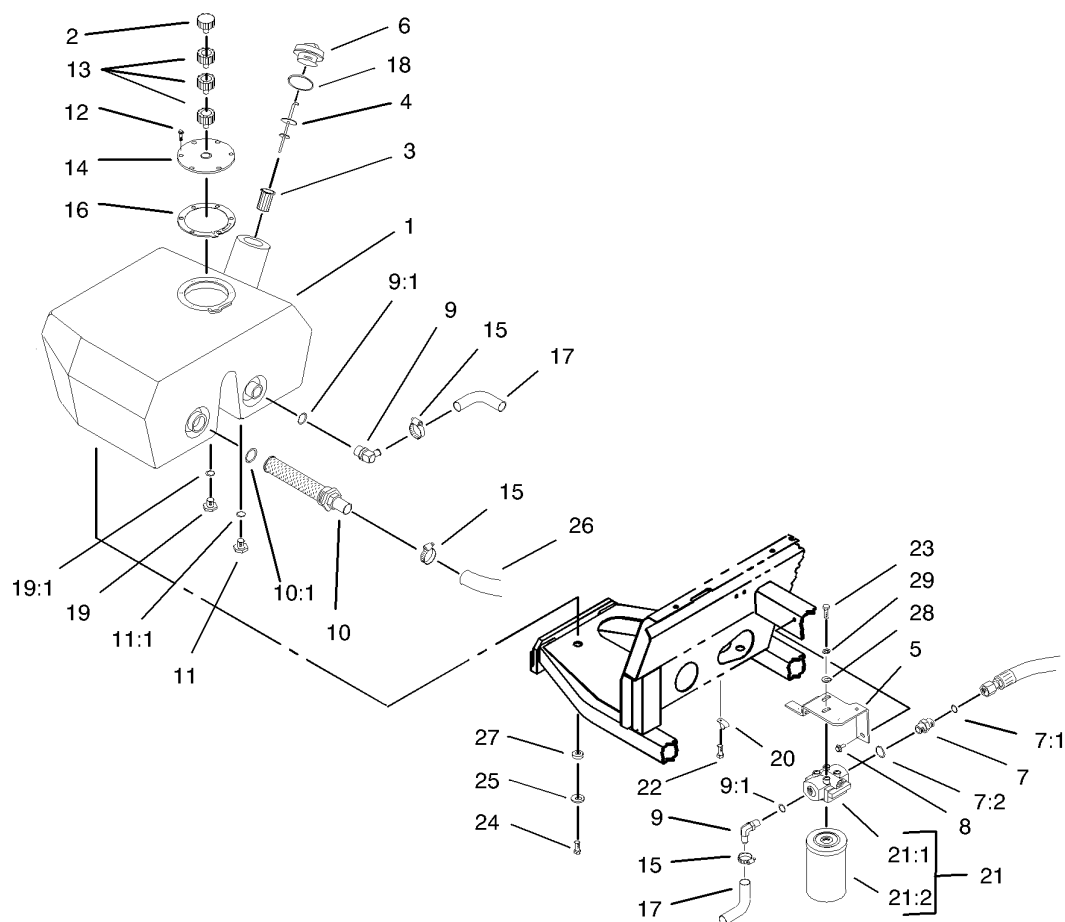
Ref	Part No.	Qty.	Description
1	98-9339	1	Gauge-Fuel
1:1	3254-1	3	Washer-Lock, Int
1:2	3217-27	3	Nut-Hex
1:3	105-9265	1	Bulb And Lamp ASM
2	3258-166	2	Screw-Prh
3	233-42	1	Knob
4	94-5626	1	Latch-Draw, Flexible
4:1	100-5806	1	Handle-Latch
4:2	100-5807	1	Keeper-Latch
5	98-9306	1	Light-Warning
5:1	3254-1	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	Washer
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	95-3003	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)

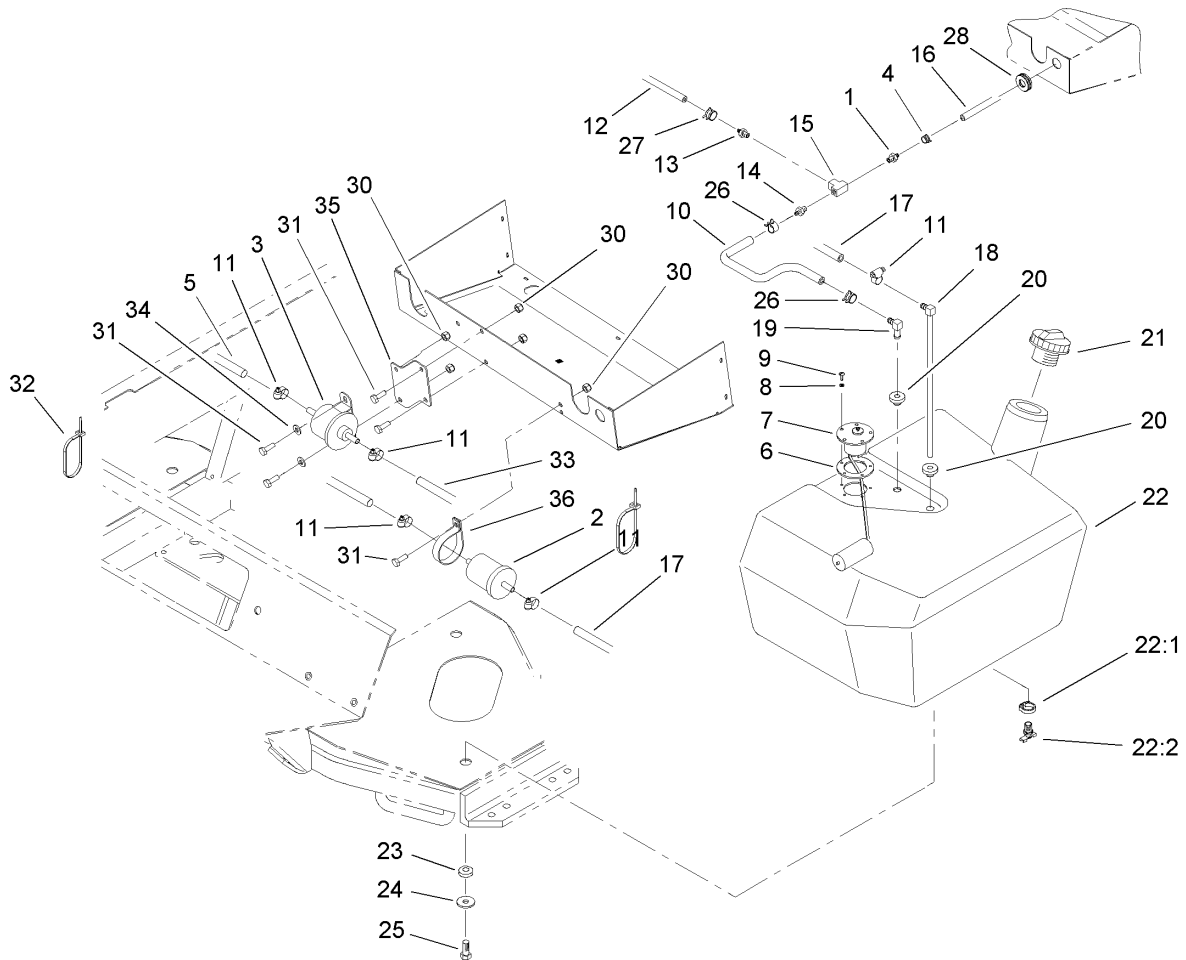
Ref	Part No.	Qty.	Description				
24	104-1496	2	Hinge-Pin				
25	104-1497	2	Hinge-Receiver				
26	92-5720	1	Controller-Electronic				
26:8	93-8053	1	Decal				
27	3253-3	2	Washer-Lock				
28	321-14	2	Screw-HH				
29	3256-3	3	Washer-Flat				
30	322-5	3	Screw-HH				
32	106-5971	1	Harness-Wire				
33	94-6343	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-Hydraulic

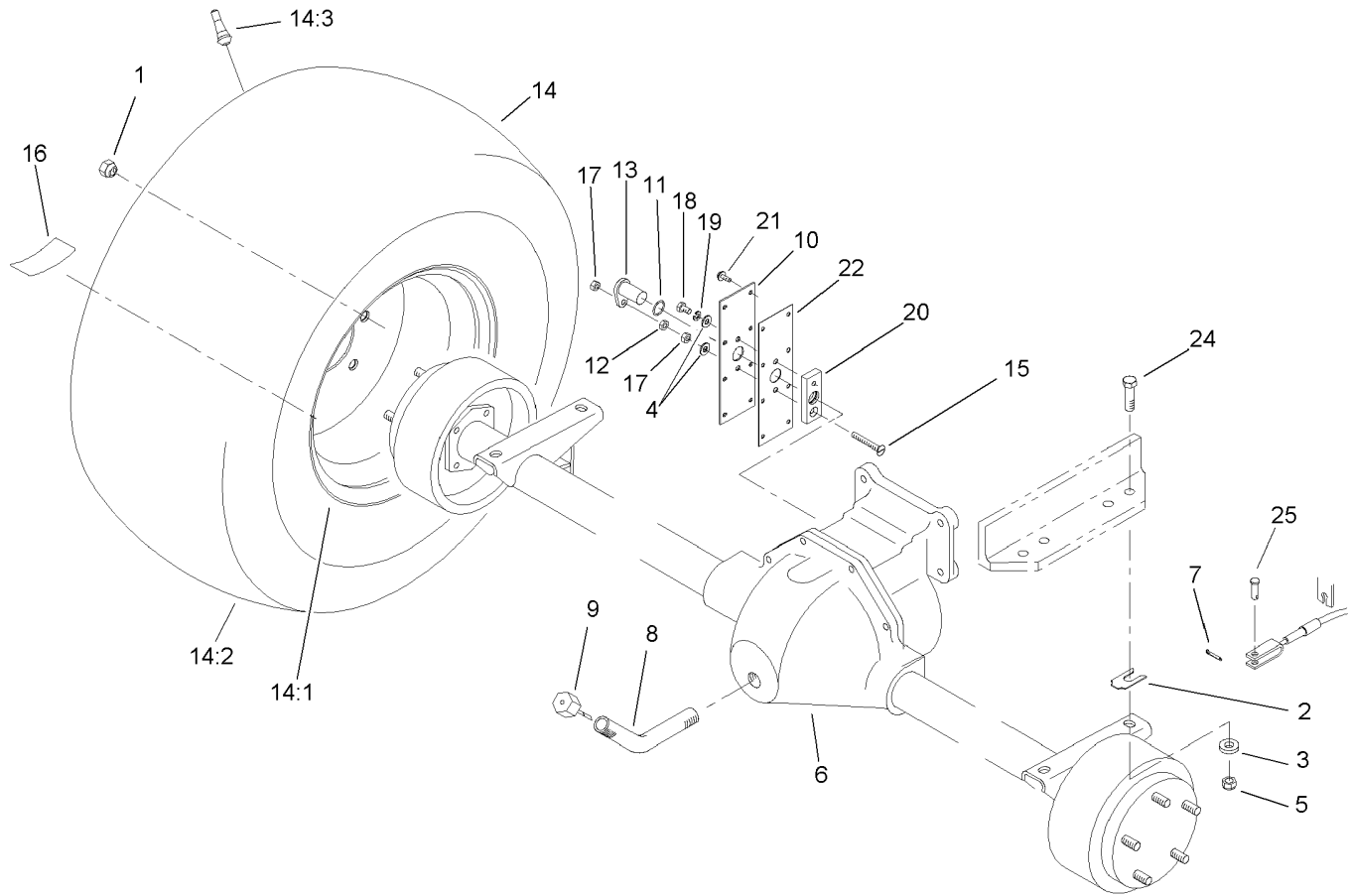
Ref	Part No.	Qty.	Description
19:1	237-79	1	O-Ring
20	2412-93	2	Clamp-R
21		1	Oil Filter ASM
21:1	104-0080	1	Filter Head ASM
21:2	94-2621	1	Element-Filter
22	32144-10	2	Screw-HWH
23	323-4	2	Screw-HH
24	33105-025	3	Screw-HHF
25	63-8410	3	Washer
26	75-6870	1	Hose-Inlet, Pump
27	240-11	3	Bushing-Flange
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	107-0122	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

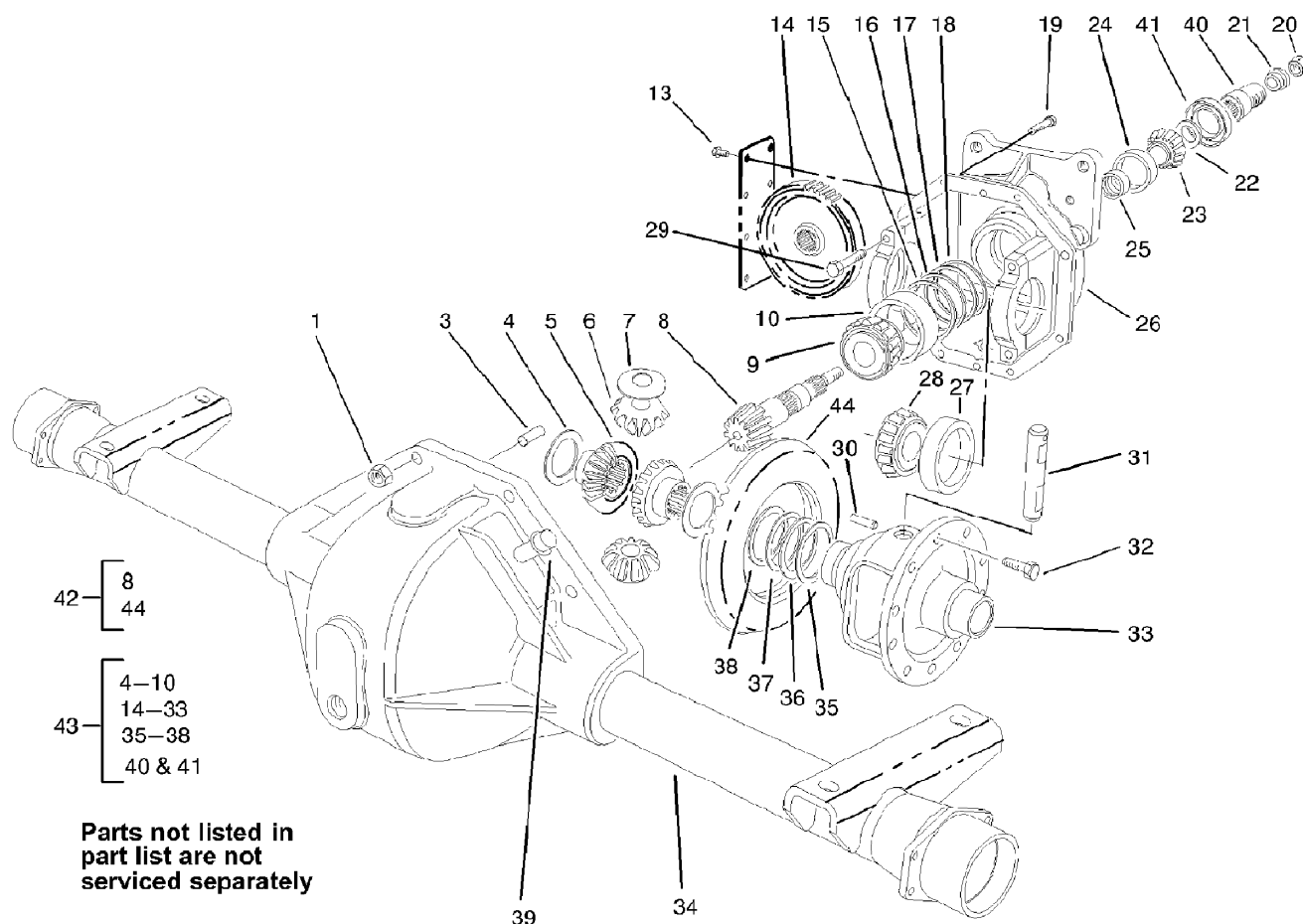
Ref	Part No.	Qty.	Description
23	240-11	3	Bushing-Flange
24	63-8410	3	Washer
25	33105-025	3	Screw-HHF
26	92-2379	2	Clamp-Hose
27	2412-146	2	Clamp-Hose
28	240-9	1	Grommet
30	3296-42	5	Nut-Lock, NI
31	321-4	5	Screw-HH
32	3290-378	1	Tie-Cable
33	47-7430	1	Hose-Fuel
34	3256-22	2	Washer-Flat
35	104-9339	1	Bracket-Pump, Fuel
36	2412-148	1	Clamp-R



Front Axle Assembly

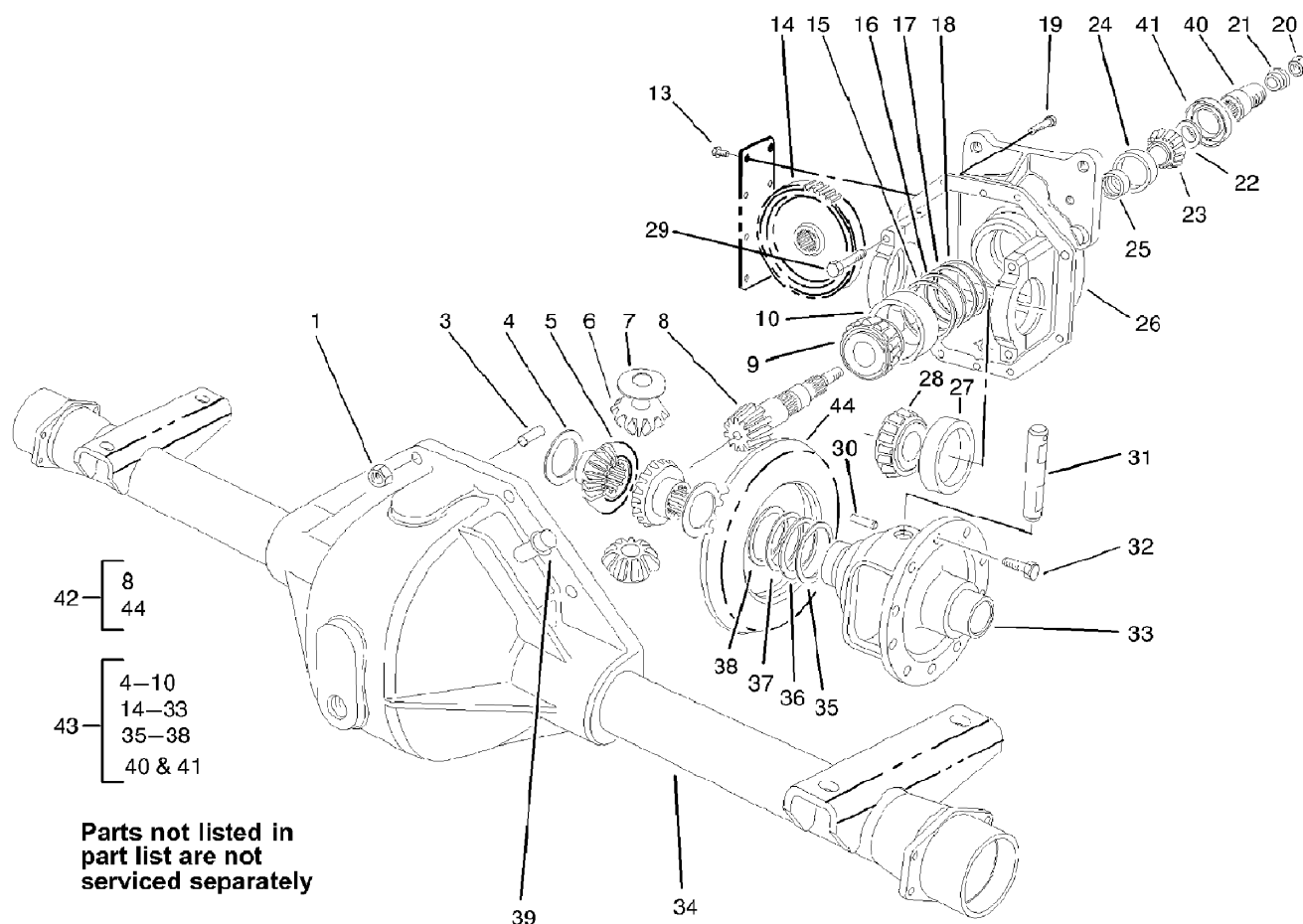
Ref	Part No.	Qty.	Description
1	242-50	10	Nut-Lug
2	42-6080	5	Shim-Axle
3	66-6480	4	Washer
4	3256-22	2	Washer-Flat
5	3296-48	4	Nut-Lock, NI
6	108-0640-03	1	Drive Axle ASM
7	3272-10	2	Pin-Cotter
8	75-6850	1	Tube-Fill, Oil
9	27-3710	1	Dipstick
10	85-4330	1	Cover-Gear
11	237-181	1	O-Ring
12	3218-1	1	Nut-Jam
13	85-4350	1	Sensor-Geartooth
14		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-HWH

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



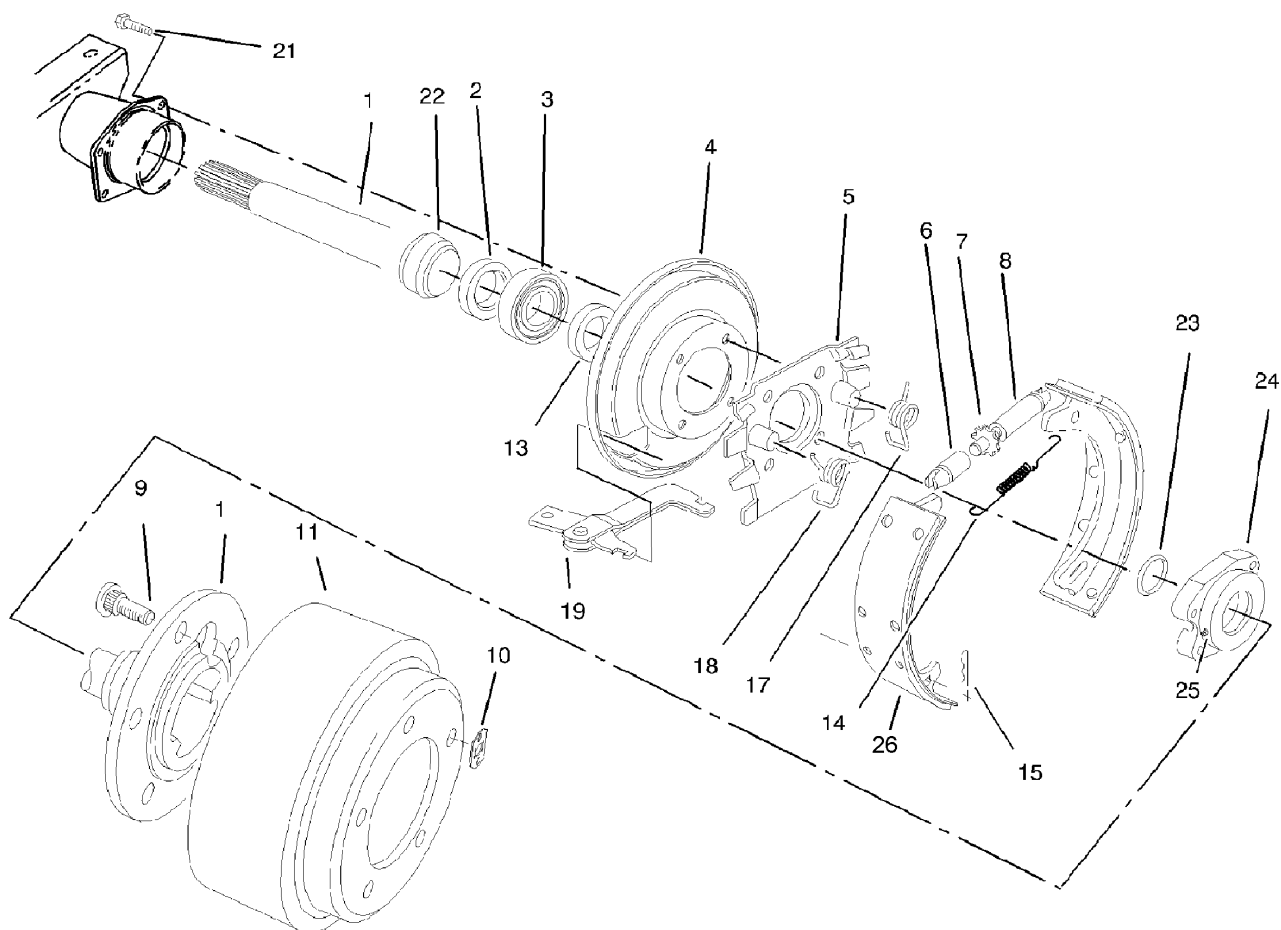
Drive Axle Assembly No. 108-0640-03

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	32149-5	8	Nut-Keps	22	72-3577	1	Shim-Bearing, Front
3	21-8270	2	Pin-Dowel	22	72-3578	1	Shim-Bearing, Front
4	21-7720	2	Washer-Thrust	22	72-3580	1	Shim-Bearing, Front
5	24-8790	2	Gear-Differential	22	72-3581	1	Shim-Bearing, Front
6	21-7690	2	Pinion-Differential	22	72-3582	1	Shim-Bearing, Front
7	21-7730	2	Washer-Thrust, Pinion	22	72-3583	1	Shim-Bearing, Front
9	43-6760	1	Bearing-Roller, Cone Taper	22	72-3584	1	Shim-Bearing, Front
10	43-6750	1	Bearing-Taper, Cup	22	72-3585	1	Shim-Bearing, Front
13	32144-112	8	Screw-HWH	22	72-3586	1	Shim-Bearing, Front
14	86-7230	1	Gear-Input, Transmission	22	72-3587	1	Shim-Bearing, Front
15	43-6710	1	Shim	22	72-3588	1	Shim-Bearing, Front
16	43-6711	1	Shim	22	72-3590	1	Shim-Bearing, Front
17	43-6712	1	Shim	22	72-3591	1	Shim-Bearing, Front
18	43-6713	1	Shim	22	72-3592	1	Shim-Bearing, Front
19	3210-8	8	Screw-HH	22	72-3593	1	Shim-Bearing, Front
20	71-4350	1	Nut	22	72-3594	1	Shim-Bearing, Front
21	83-5130	1	Spacer-Pinion	22	72-3595	1	Shim-Bearing, Front
22	72-3570	1	Shim-Bearing, Front	22	72-3596	1	Shim-Bearing, Front
22	72-3571	1	Shim-Bearing, Front	22	72-3597	1	Shim-Bearing, Front
22	72-3572	1	Shim-Bearing, Front	22	72-3598	1	Shim-Bearing, Front
22	72-3573	1	Shim-Bearing, Front	22	72-3600	1	Shim-Bearing, Front
22	72-3574	1	Shim-Bearing, Front	23	254-91	1	Cone-Bearing
22	72-3575	1	Shim-Bearing, Front	24	21-8390	1	Cup-Bearing
22	72-3576	1	Shim-Bearing, Front	25	21-8020	1	Spacer-Bearing



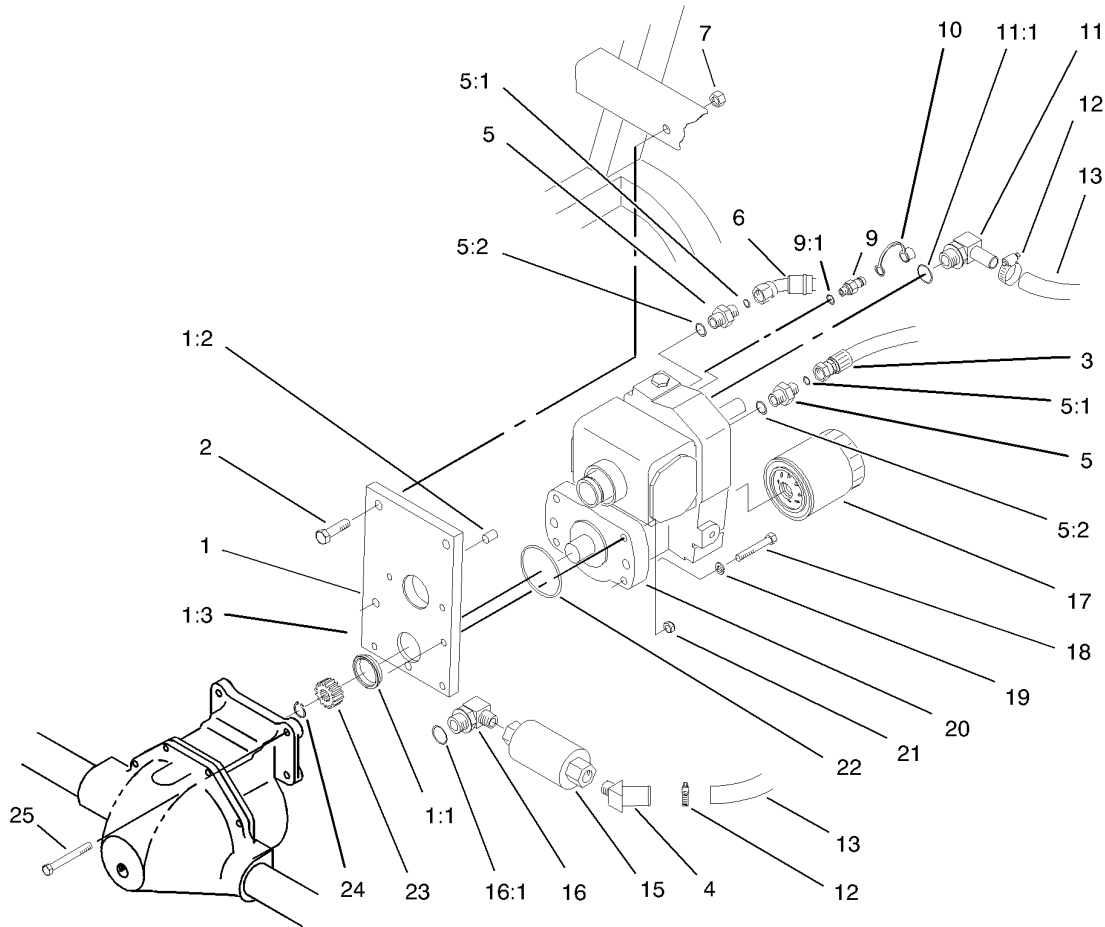
Drive Axle Assembly No. 108-0640-03 (continued)

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	108-1422-03	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				



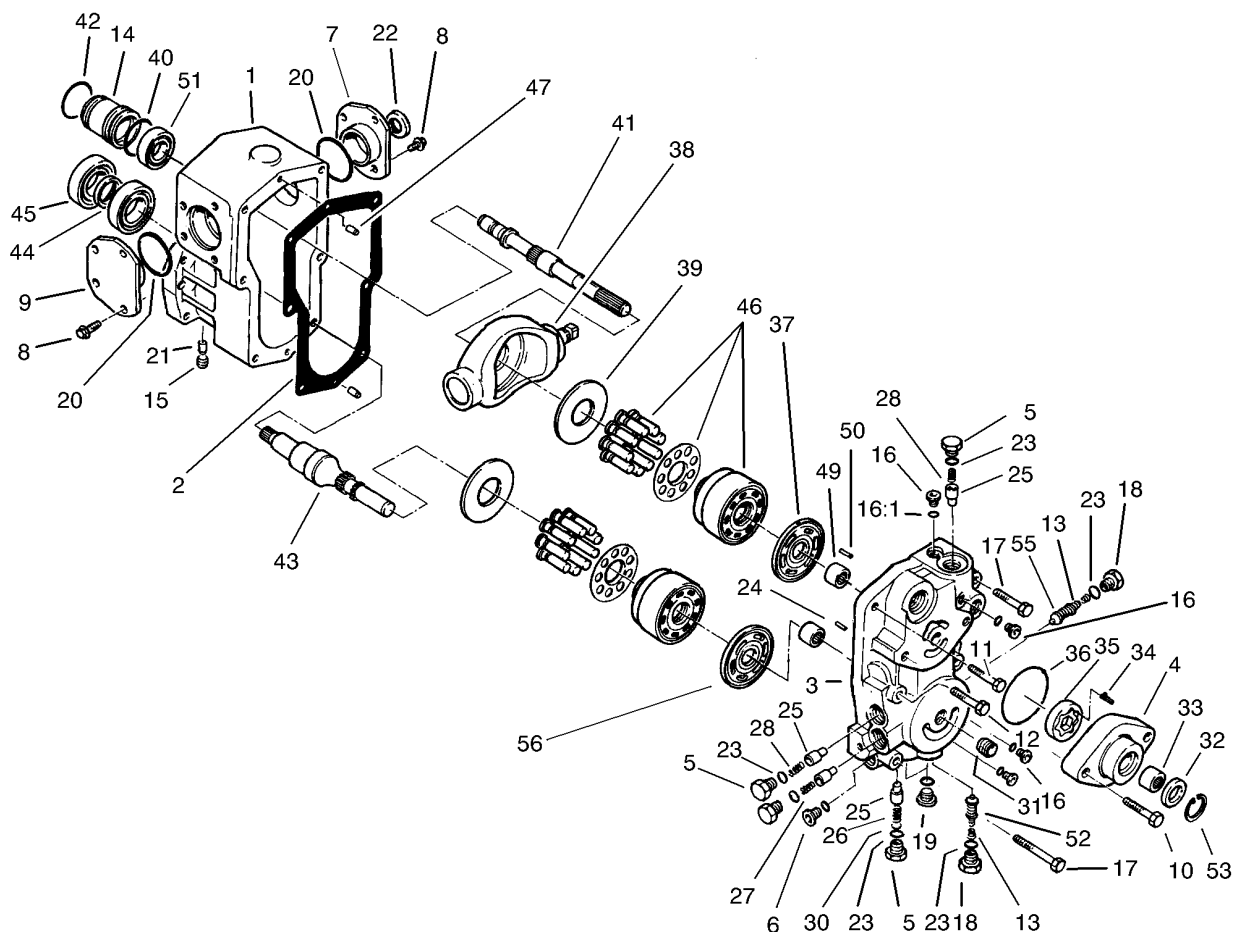
Brake Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-1424	1	Shaft-Axle,lh	●27	92-8775	1	Liquid Gasket Kit
1	108-1425	1	Shaft-Axle,rh				
2	100-3842	2	Seal-Oil				
3	108-1426	2	Cap-Bearing				
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				
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	108-1427	2	Ring-Spiral				
24	108-1428	2	Bearing ASM				
25	100-3850	2	Zerk-Special				
26	84-8600	1	Set-Shoes, Lined				



Transmission Assembly

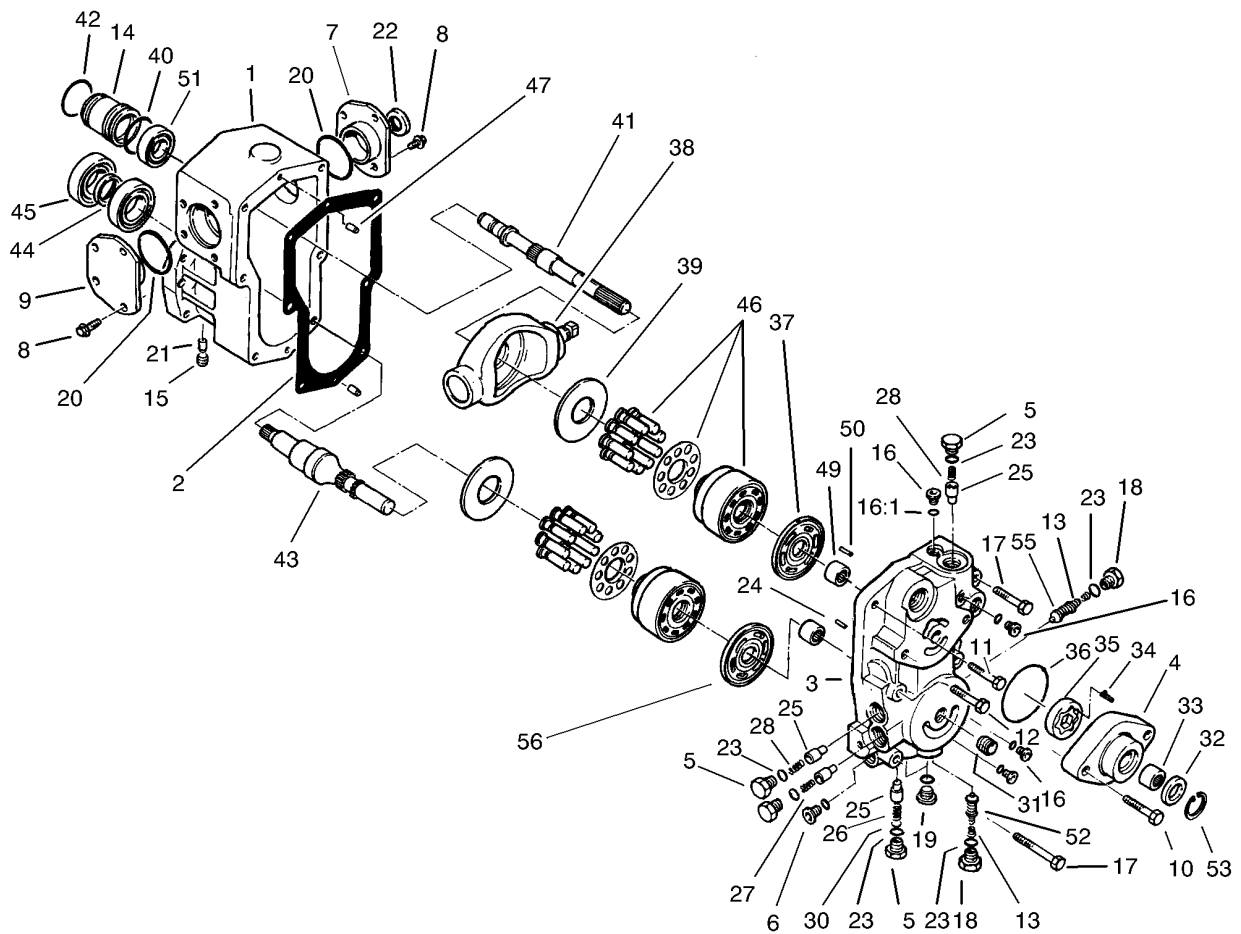
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	92-4846	1	Transmission Support ASM	19	3253-21	2	Washer-Lock
1:1	75-3110	1	Collar-Transmission	20	75-0012	1	Transmission
1:2	92-4808	1	Sleeve-Transmission	21	3296-39	2	Nut-Lock, NI
1:3	92-4809	1	Support-Transmission	22	237-161	1	O-Ring
2	325-7	2	Screw-HH	23	86-7220	1	Gear-Pinion
3	104-0073	1	HYD Hose ASM	24	32151-62	1	Ring-Retaining
4	354-72	1	Fitting-HYD	25	323-20	2	Screw-HH
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				



Transmission Assembly No. 75-0012

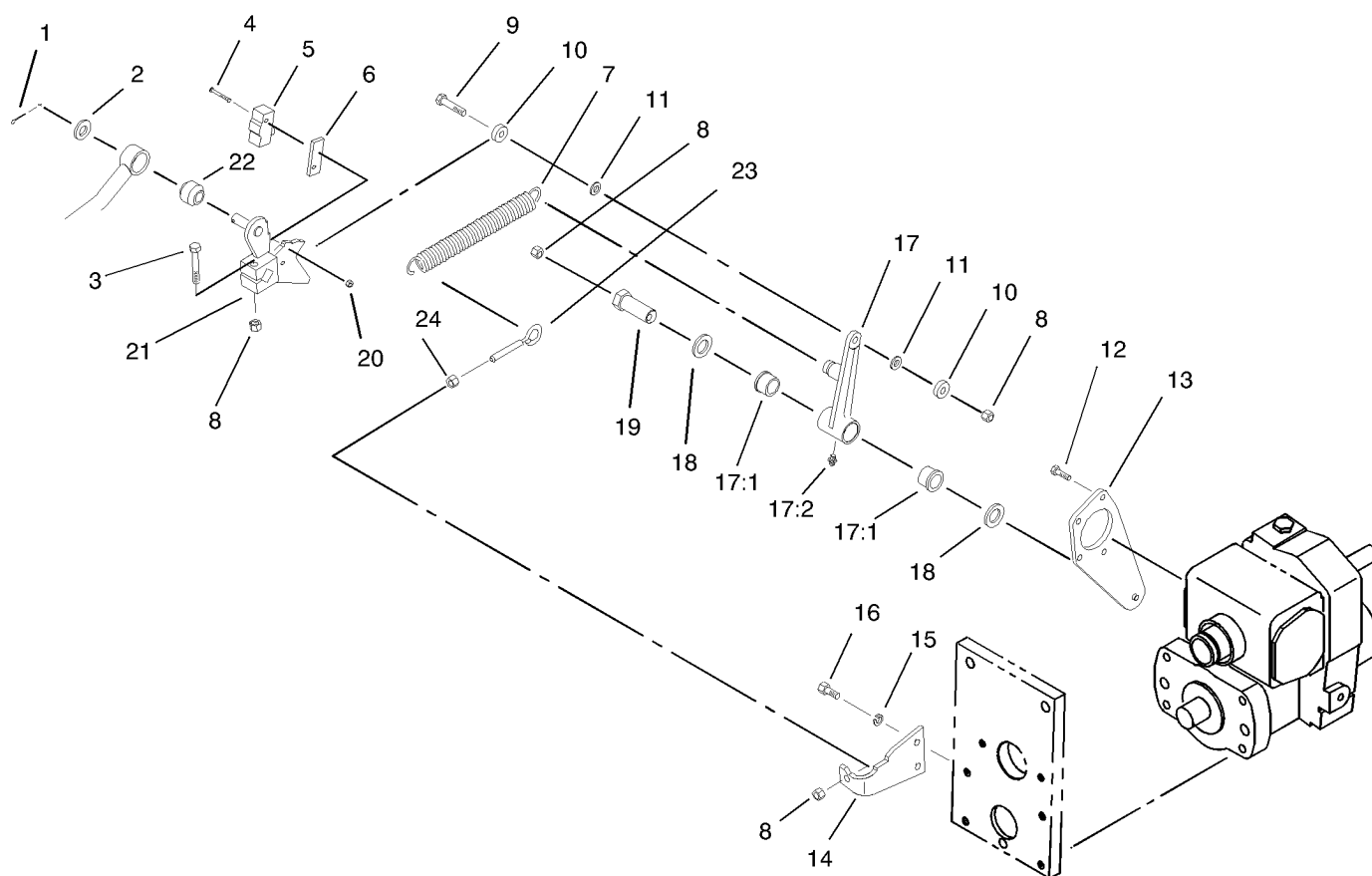
Ref	Part No.	Qty.	Description
1	75-0020	1	Housing
2	75-0030	1	Gasket-Housing
3	75-0040	1	Section-Center
4	83-4780	1	Housing-Pump, Charge
5	75-0060	4	Plug
6	75-0070	1	Plug
7	86-7520	1	RH Trunnion Cover ASM
8	75-0090	8	Capscrew-HH
9	86-7530	1	LH Trunnion Cover ASM
10	75-0110	2	Capscrew-HH
11	75-0120	1	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)

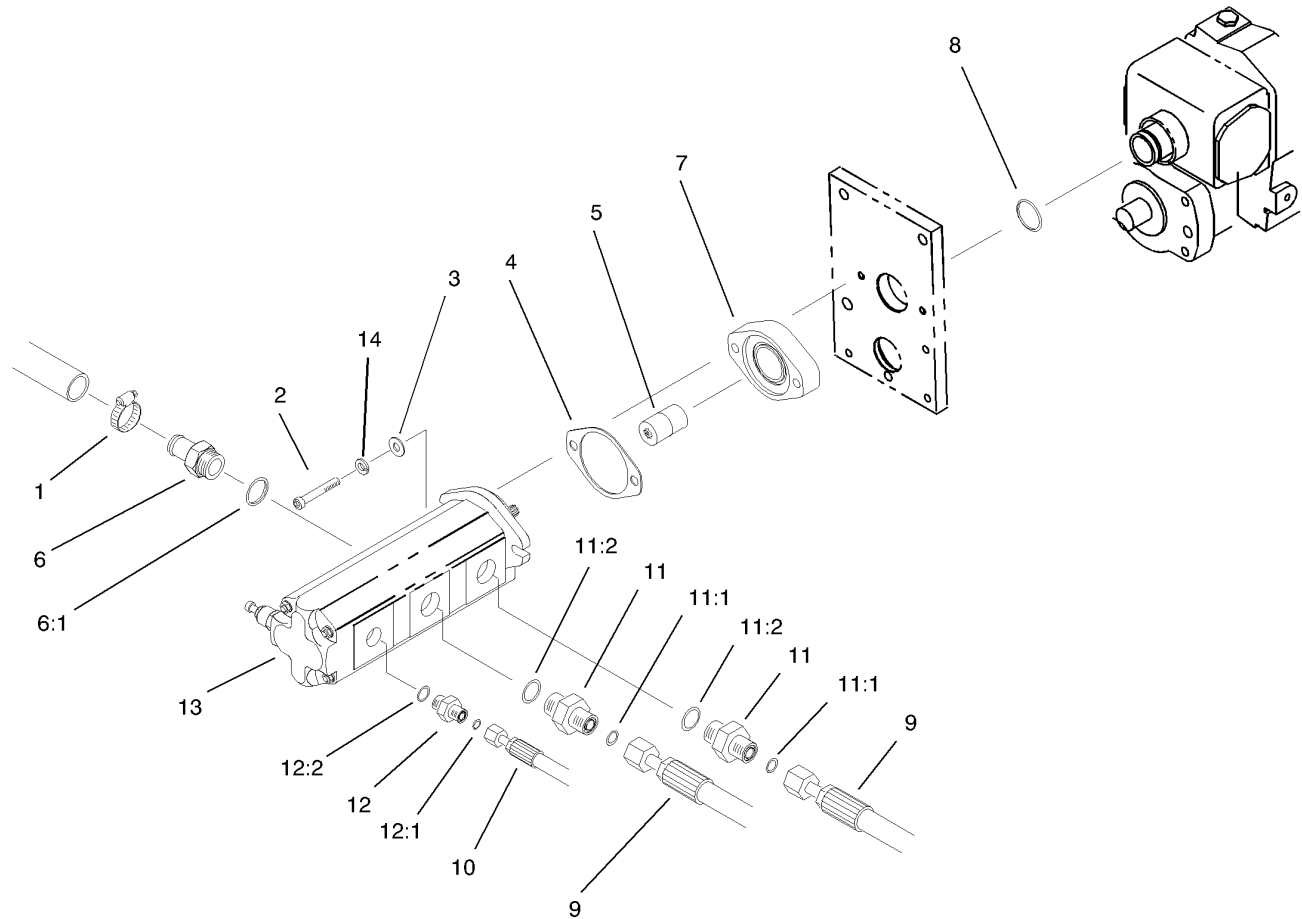
Ref	Part No.	Qty.	Description
50	75-0510	1	Pin
51	75-0520	1	Bearing-Ball
52	75-6930	1	Valve-Screw
53	32120-74	1	Snap-Ring
55	93-0097	1	Valve-Screw
56	93-0083	1	Plate-Valve



Traction Control Assembly

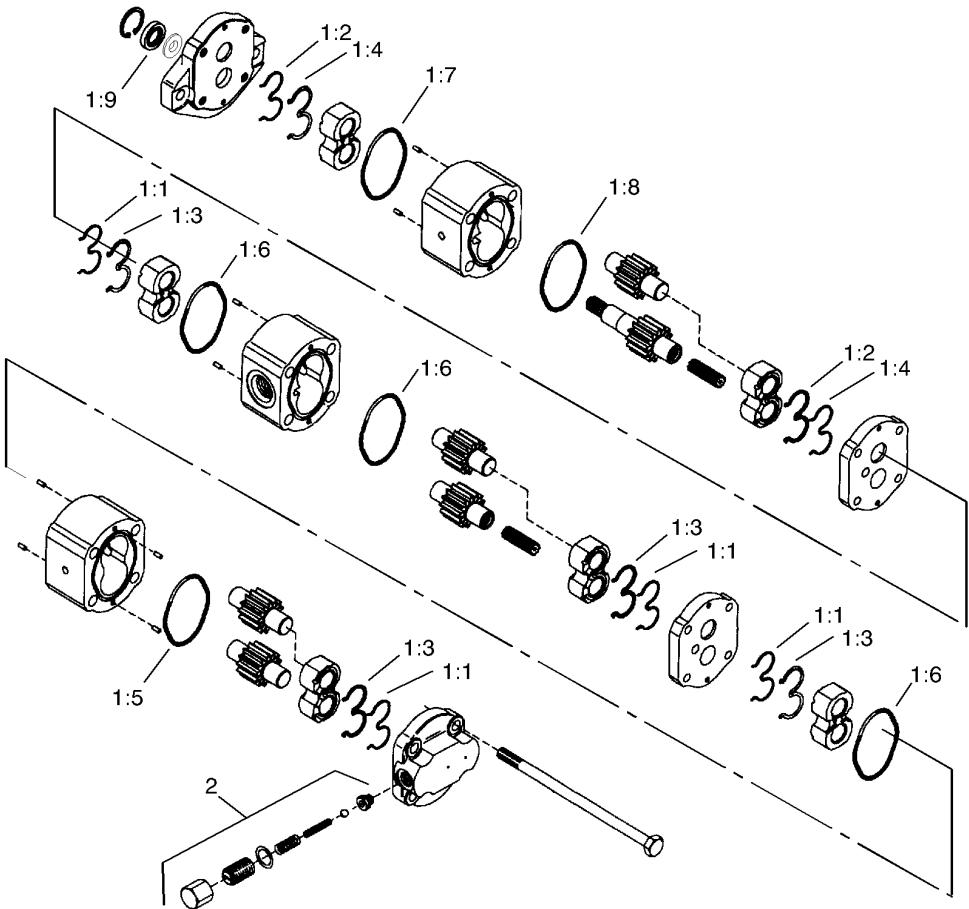
Ref	Part No.	Qty.	Description
1	3272-10	1	Pin-Cotter
2	3256-26	1	Washer-Flat
3	322-10	1	Screw-HH
4	32105-21	2	Screw-HH
5	29-6162	1	Switch-Micro
6	75-4130	1	Plate-Switch
7	76-9430-03	1	Spring-Extention
8	3296-29	4	Nut-Lock, NI
9	322-7	1	Screw-HH
10	251-307	2	Bearing-Ball
11	75-5470	2	Spacer-Bearing
12	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
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



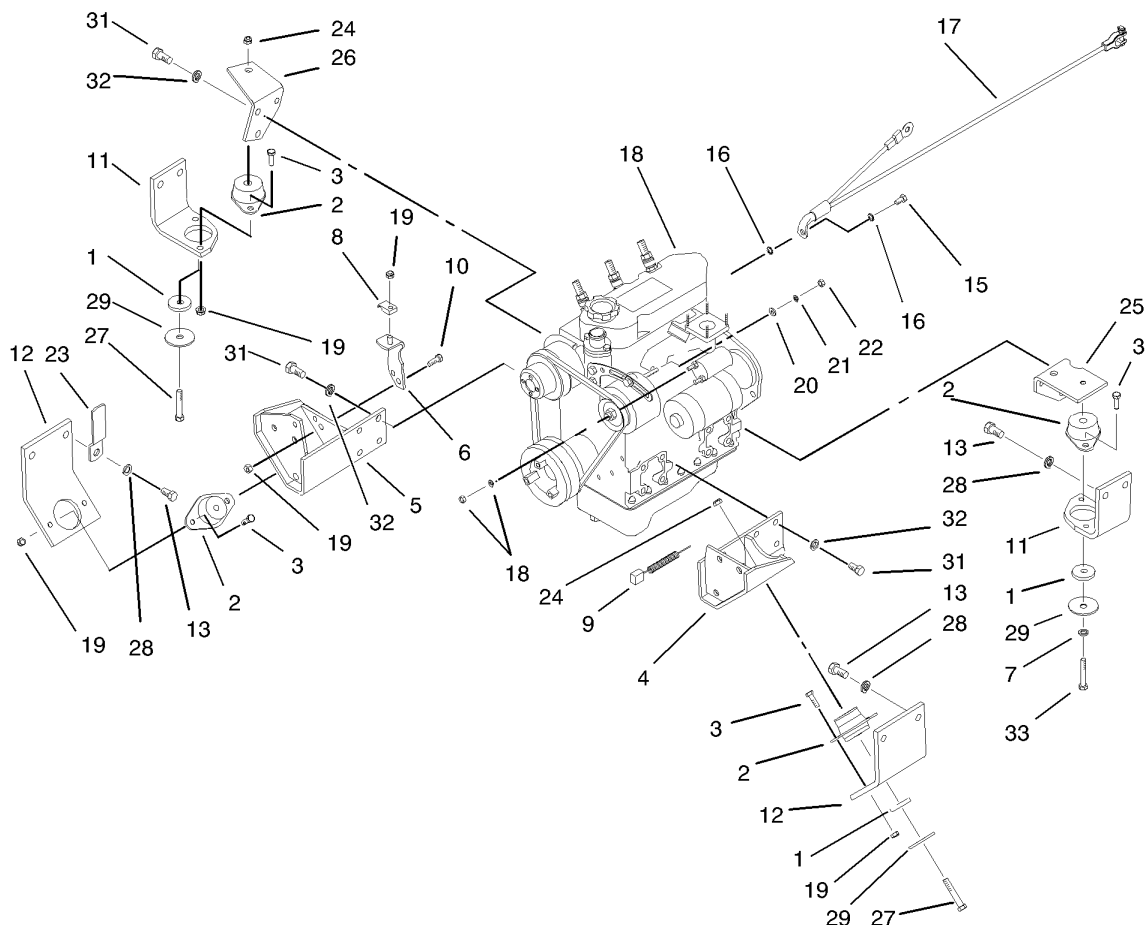
Gear Pump Installation Assembly

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

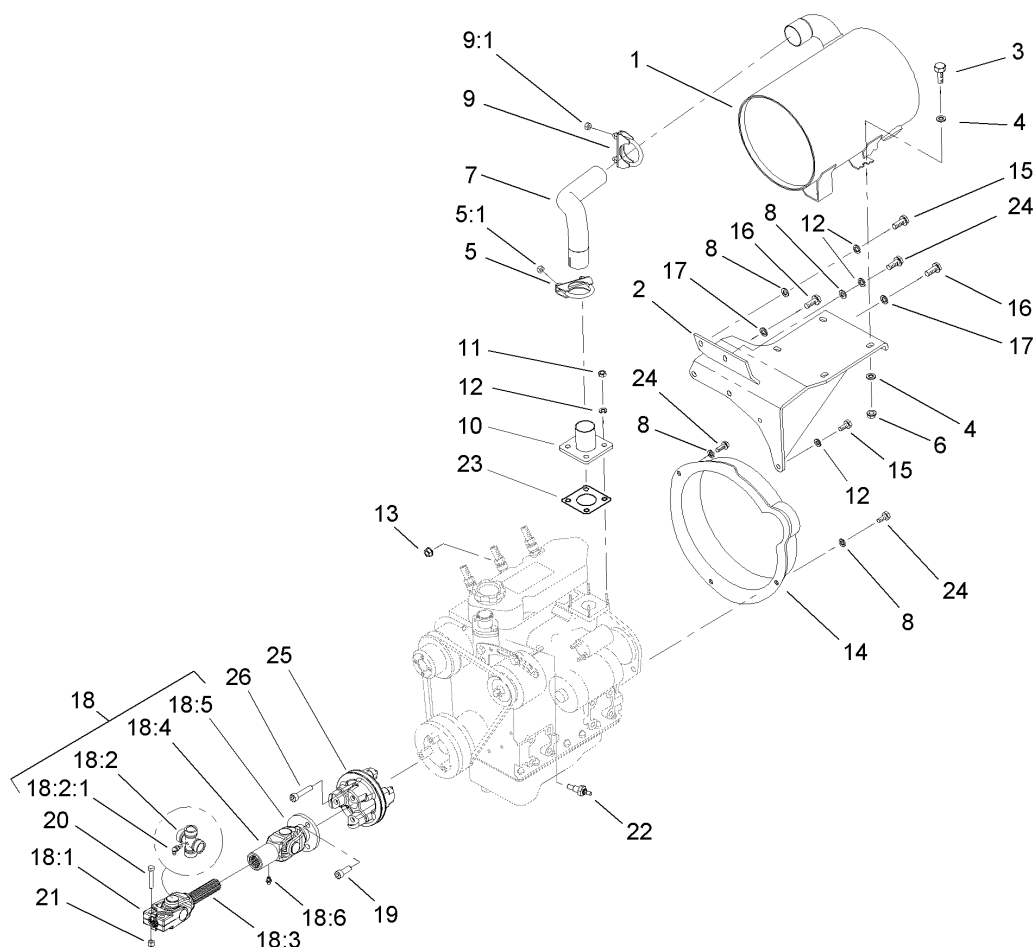
Ref	Part No.	Qty.	Description				
1	104-0576	1	Seal Kit				
1:1		4	Seal-Extrusion, Anti				
1:2		2	Seal-Extrusion, Anti				
1:3		4	Seal-Loading, Pressure				
1:4		2	Seal-Loading, Pressure				
1:5		1	O-Ring				
1:6		3	O-Ring				
1:7		1	O-Ring				
1:8		1	O-Ring				
1:9		1	Seal-Shaft				
2	104-0577	1	Cover / 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	Screw-HSH
16	3255-9	2	Washer-Lock, Ext
17	98-4598	1	Cable-Battery, Negative
18	57-6390	1	Nut-Jam
18	42-9850	1	Washer-Lock, Spring
18	108-4420	1	Engine-Kubota, D1105-T-E2b-Toro-4
19	3296-29	11	Nut-Lock, NI
20	3256-78	1	Washer-Flat
21	43-5930	1	Washer-Spring
22	48-7890	1	Nut

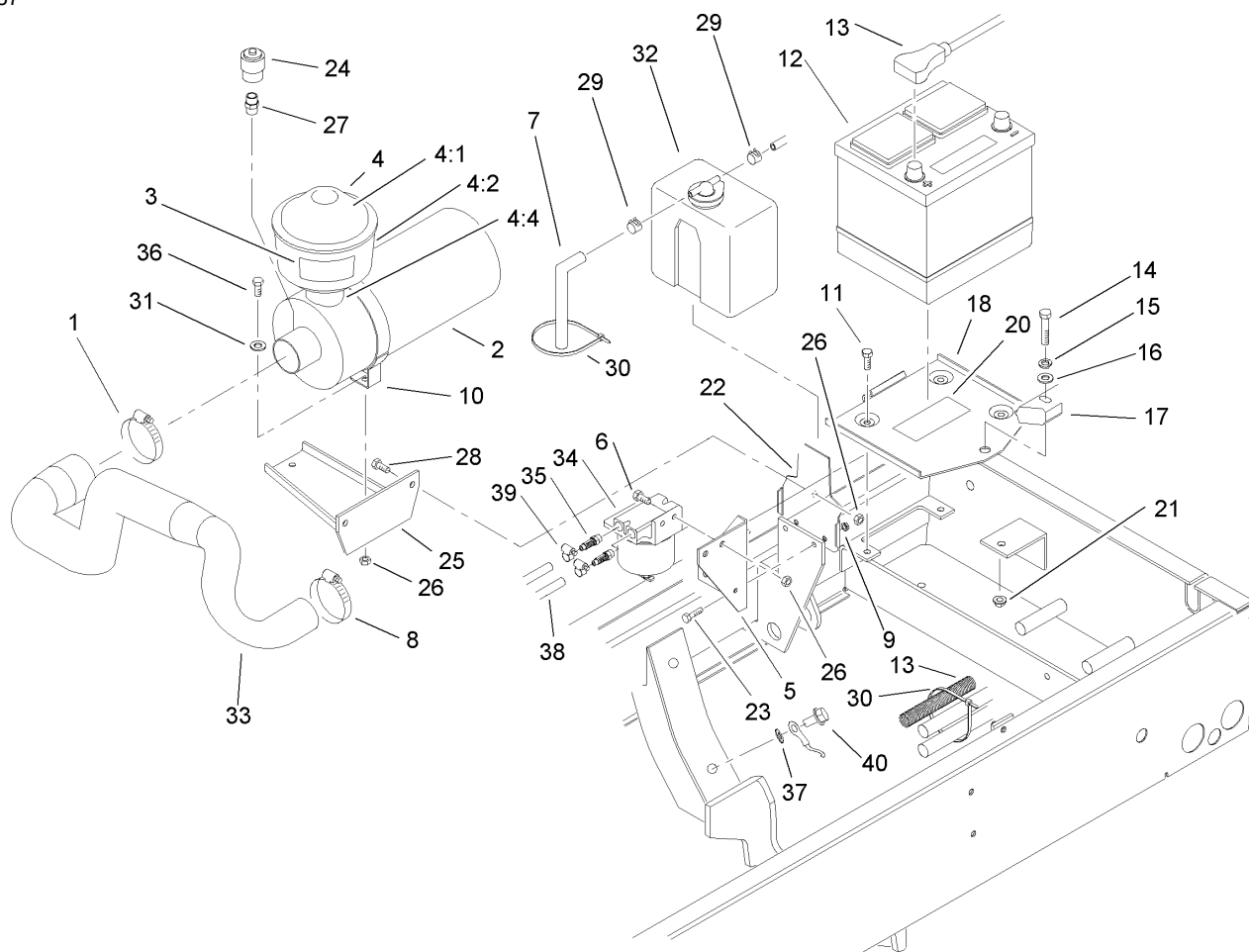
Ref	Part No.	Qty.	Description
23	98-4594	1	Clamp-Retainer
24	32128-36	3	Nut-HF
25	98-4515-03	1	Bracket-Rear Engine, LH
26	98-4514-03	1	Bracket-Rear Engine, RH
27	323-12	3	Screw-HH
28	3253-7	8	Washer-Lock
29	87-5100	4	Washer-Snubbing
31	43-0090	14	Screw-HH
32	42-9600	14	Washer-Lock, Spring
33	323-10	1	Screw-HH



Muffler and Pump Drive Assembly

Ref	Part No.	Qty.	Description
1	107-2381	1	Muffler-Exhaust
2	98-4555-03	1	Muffler Bracket ASM
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	Washer-Lock, Spring
18	106-7751	1	Driveshaft ASM
18:1	54-9040	1	Yoke-End
18:2	54-9180	1	U-Joint Kit
18:2:1	62-3820	1	Fitting-Grease
18:3	108-0632	1	Yoke And Shaft ASM

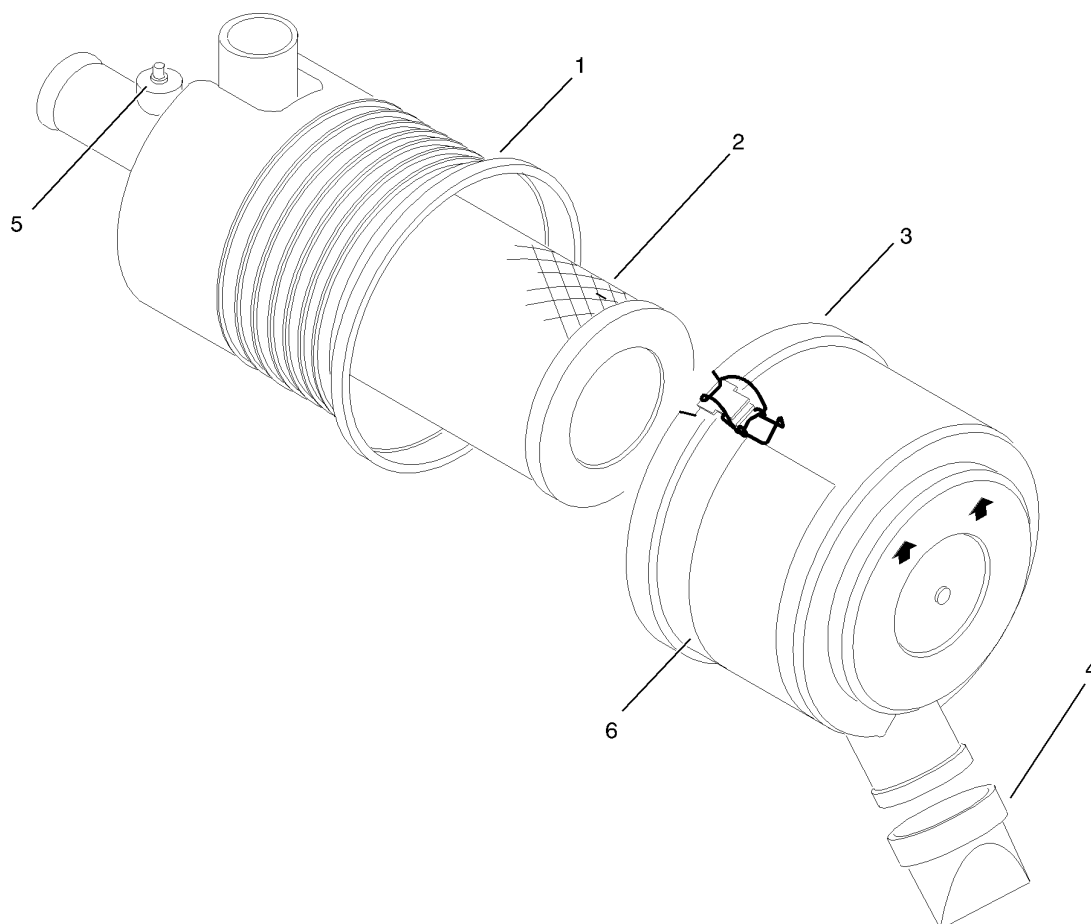
Ref	Part No.	Qty.	Description
18:4	108-0633	1	Yoke-Telescoping
18:5	108-0644	1	Yoke
18:6	302-5	1	Fitting-Grease
19	108-1420	3	Screw-HSH
20	322-9	2	Screw-HH
21	3296-29	2	Nut-Lock, NI
22	98-9346	1	Sender-Temperature
23	99-8343	1	Gasket-Muffler
24	33114-020	4	Screw-HH
25	106-7757	1	Pulley
26	3274-106	3	Screw-HSH



Engine Component Assembly

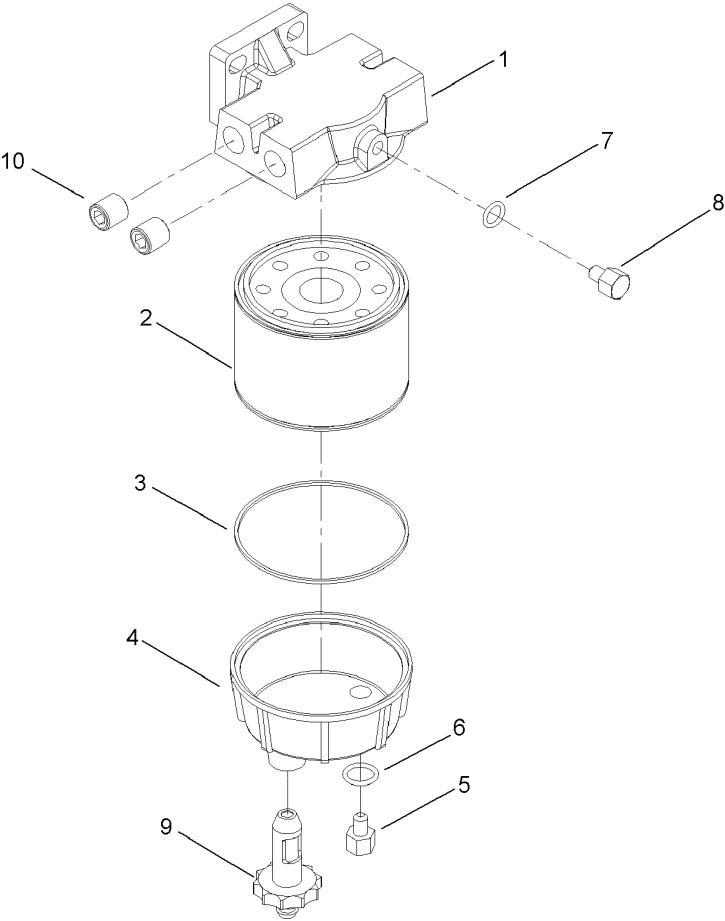
Ref	Part No.	Qty.	Description
1	2412-42	1	Clamp-Hose
2	98-4517	1	Air Cleaner ASM
3	93-6692	1	Decal-Fluid, Starting
4	48-7430	1	Precleaner
4:1	33-1260	1	Cover ASM
4:2	33-1270	1	Bowl-Clear
4:3	62-6300	1	Sleeve ASM
4:4	94-6873	1	Clamp
5	98-4578-03	1	Bracket-Filter, Fuel
6	3234-29	2	Screw-HHF
7	63-7630	1	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
12	106-5187	1	Battery
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
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



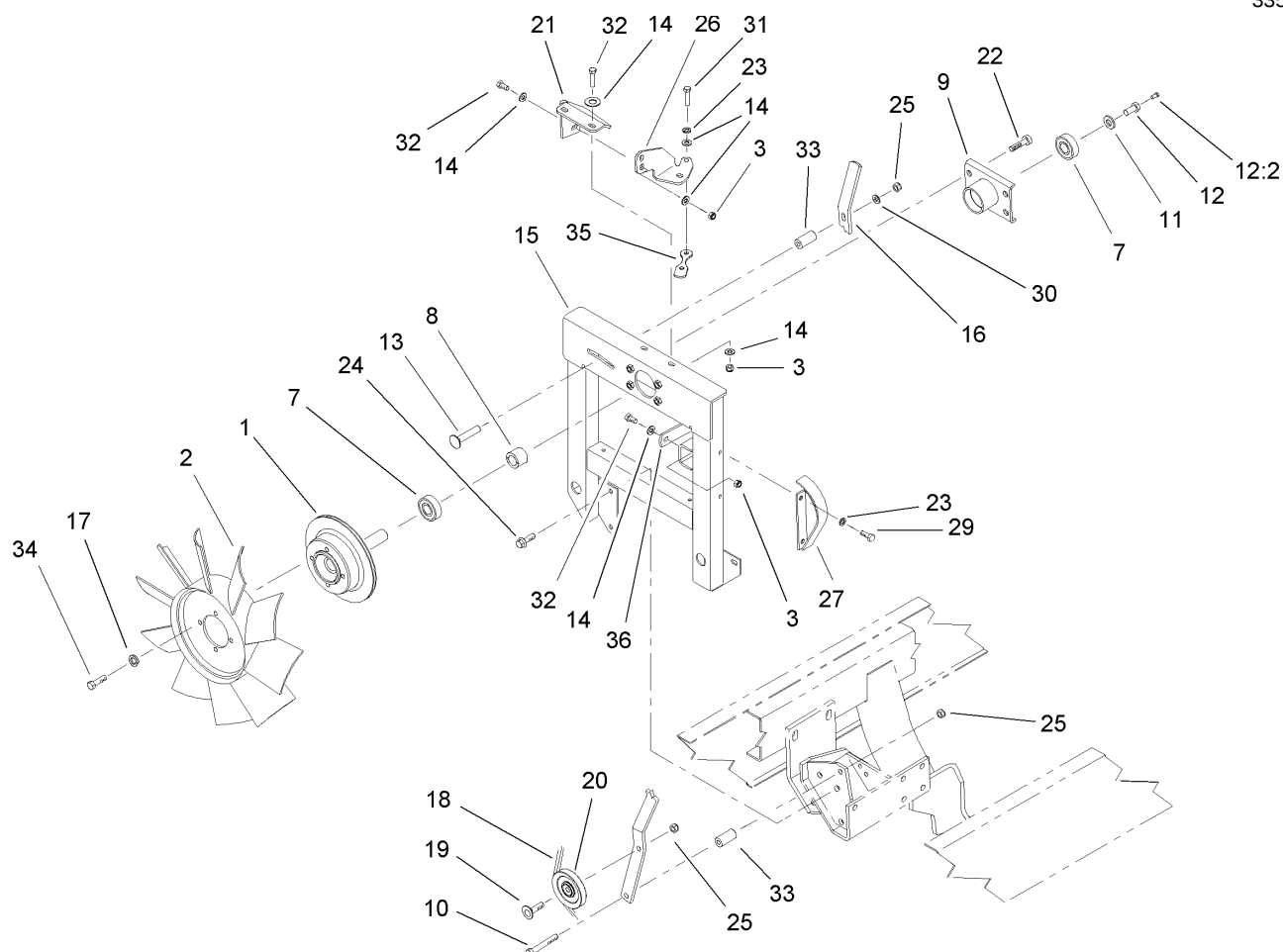
Air Cleaner Assembly No. 98-4517

Ref	Part No.	Qty.	Description
1		1	Body ASM
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5		1	Plug
6	98-9788	1	Decal-Instruction



Water / Fuel Filter Assembly No. 98-9305

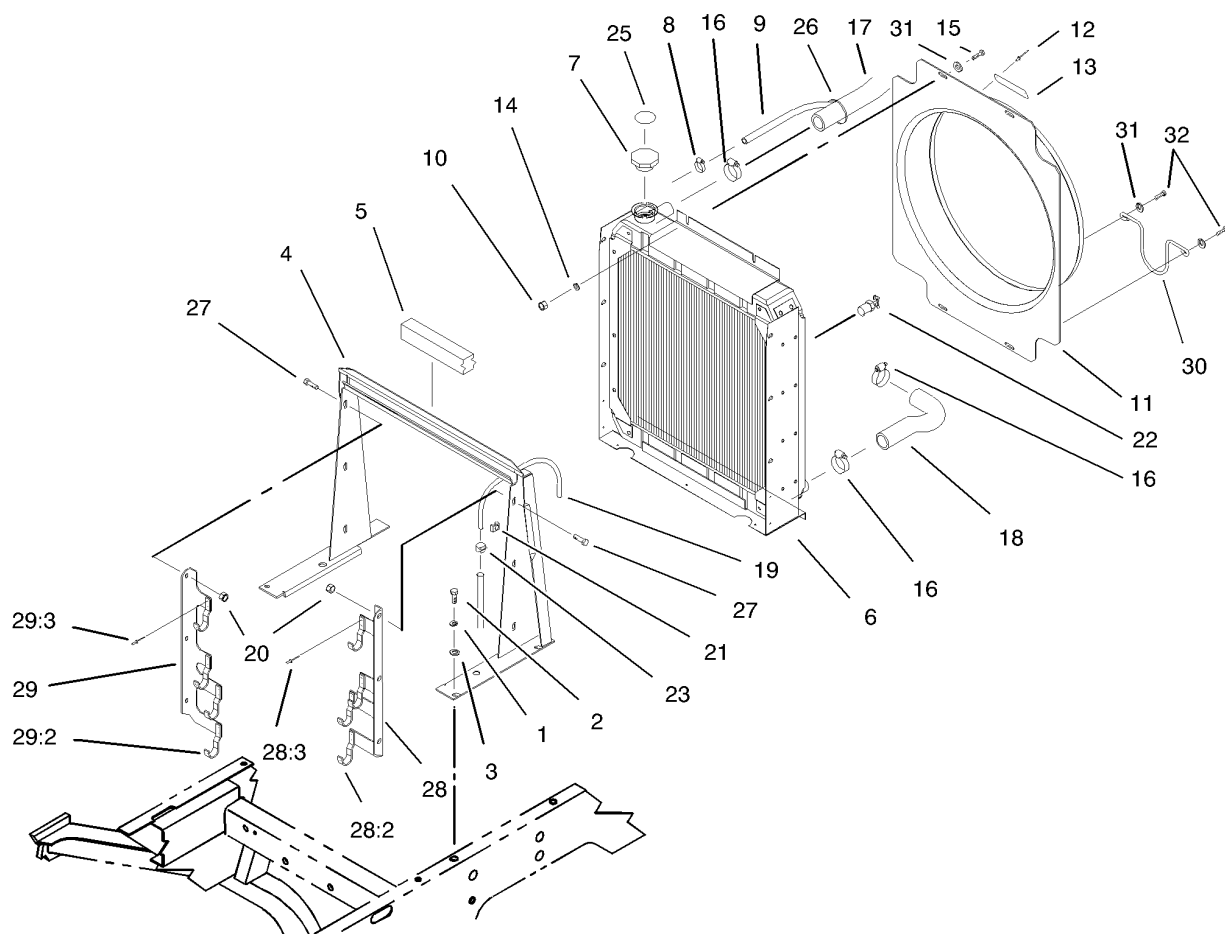
Ref	Part No.	Qty.	Description				
1	98-9772	1	Head-Filter				
2	98-9764	1	Element				
3	98-9774	1	O-Ring-Base, Filter				
4	98-9775	1	Base-Filter				
5	98-9773	1	Plug-Base, Filter				
6	237-42	1	O-Ring				
7	237-78	1	O-Ring				
8	98-9776	1	Plug-Head, Filter				
9	98-9777	1	Drain Valve ASM				
10	285-22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

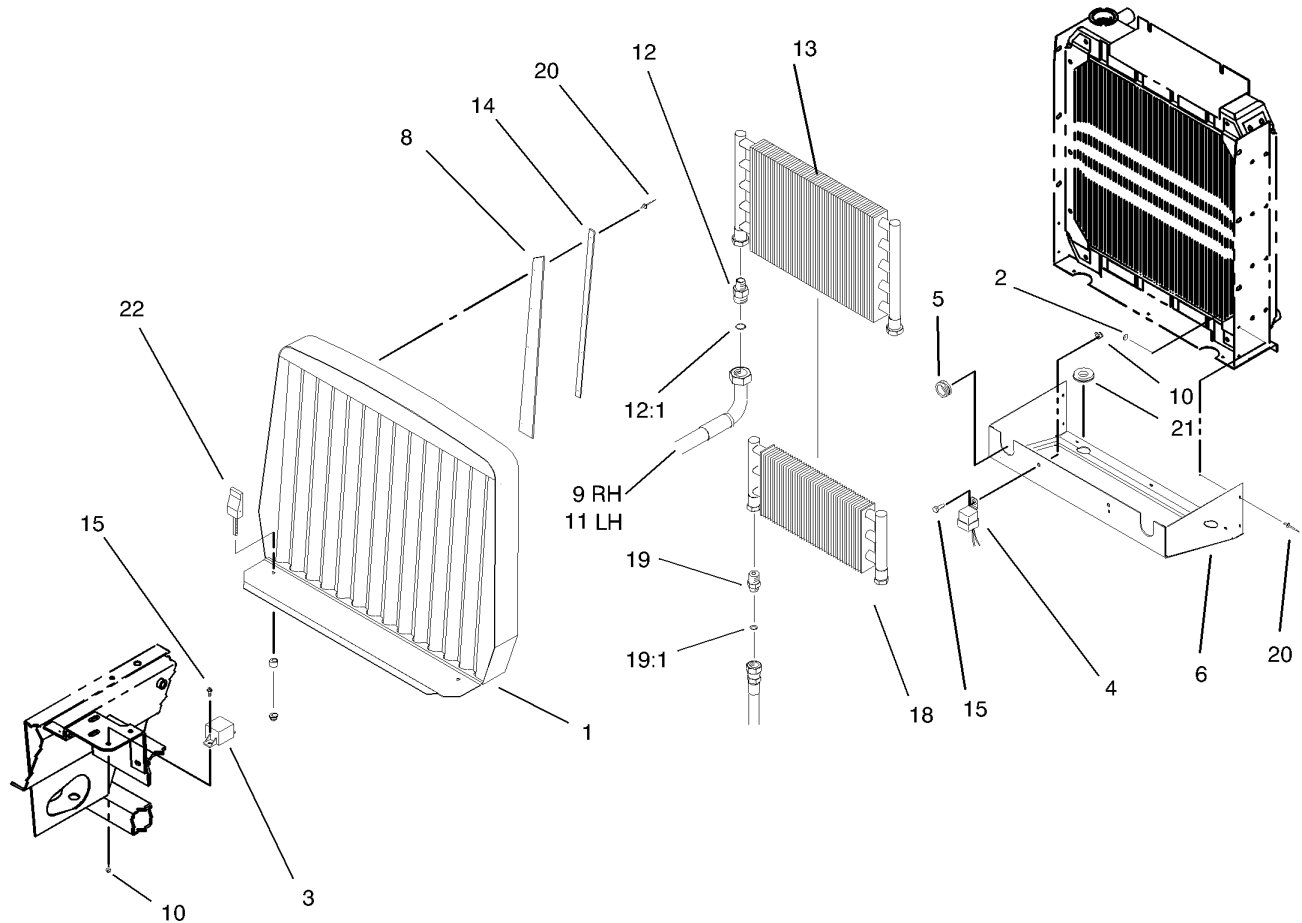
Ref	Part No.	Qty.	Description
27	98-4561-03	1	Shield-Alternator
29	32144-14	2	Screw-HWH
30	3256-24	1	Washer-Flat
31	33114-020	2	Screw-HH
32	322-4	5	Screw-HH
33	104-0007	2	Spacer
34	322-3	4	Screw-HH
35	104-1482	1	Plate-Washer
36	98-4547	1	Plate-Mount, Fan



Radiator Assembly

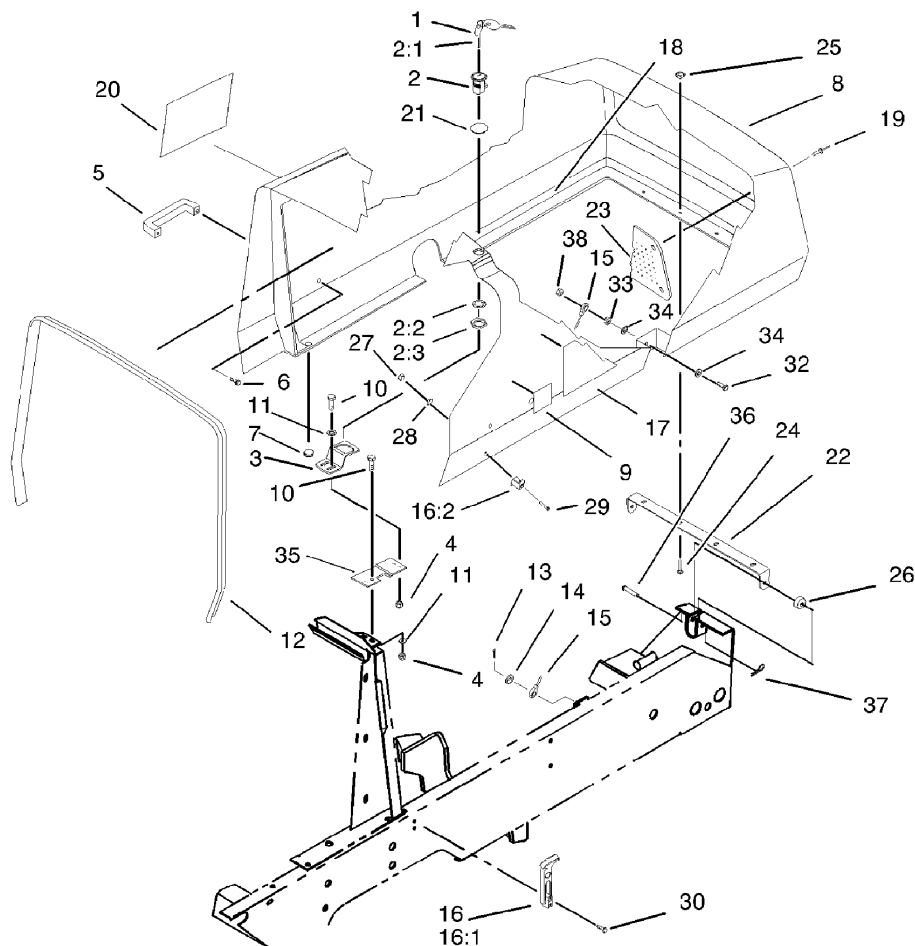
Ref	Part No.	Qty.	Description
1	3253-4	4	Washer-Lock
2	322-5	4	Screw-HH
3	3256-23	4	Washer-Flat
4	99-6970-03	1	Support-Radiator
5	104-1418	1	Strip-Foam, Radiator
6	99-6936	1	Radiator
7	66-3240	1	Cap-Radiator
8	92-2379	1	Clamp-Hose
9	104-0079	1	Hose-Fuel
10	3296-42	4	Nut-Lock, NI
11	99-6939	1	Shroud-Fan
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



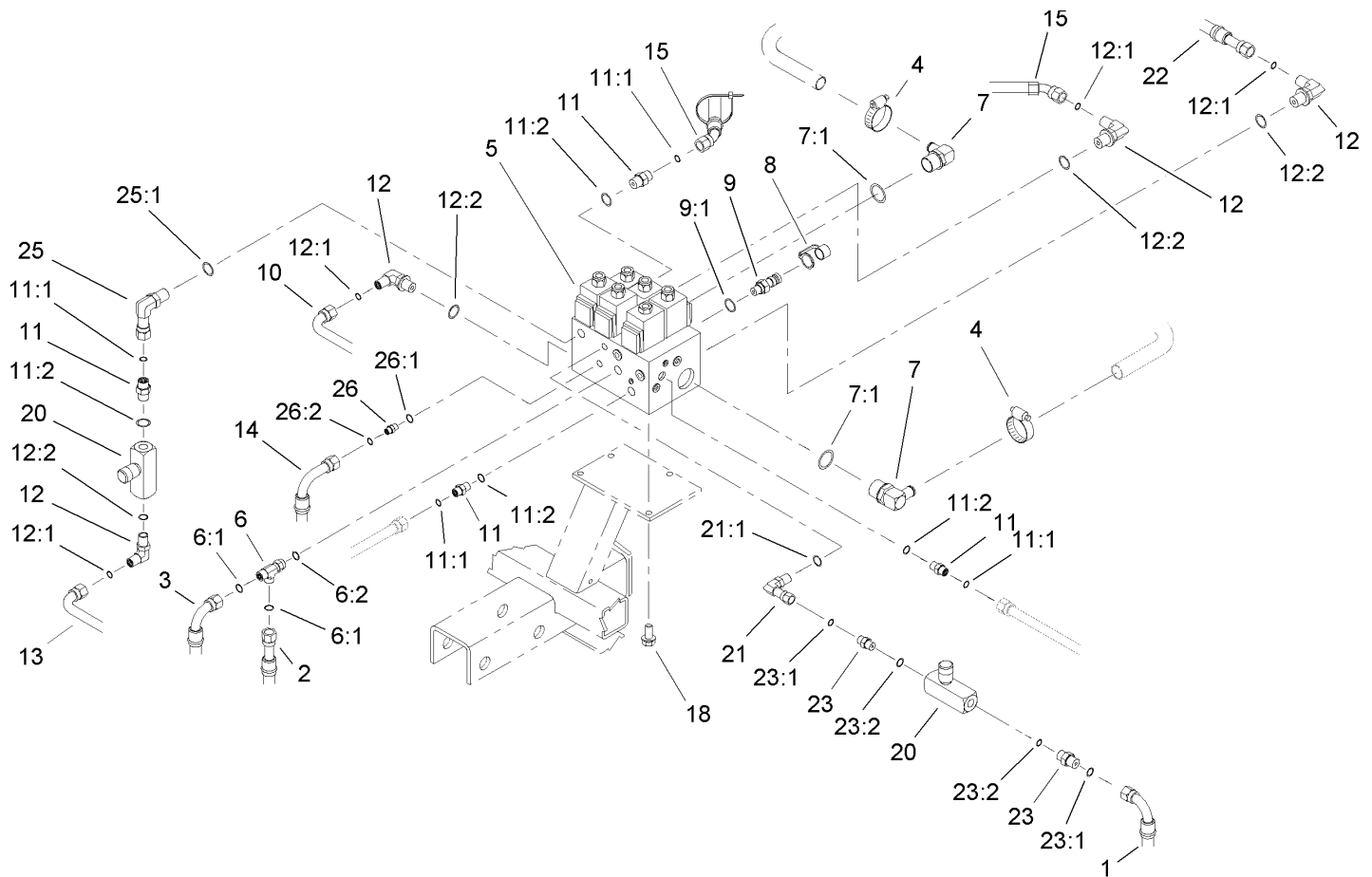
Oil Cooler and Radiator Assembly

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

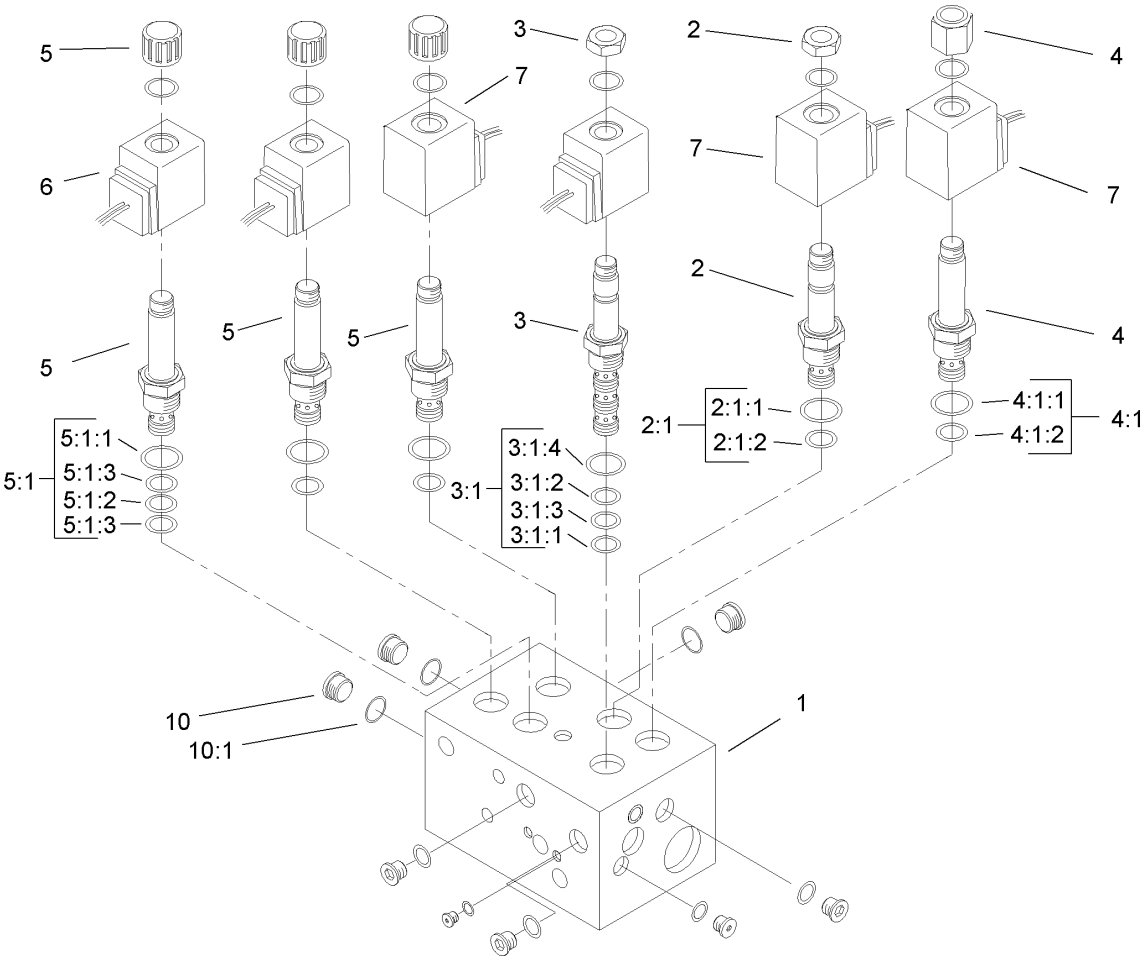
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	98-9321	1	Ring-Key	20	66-6140	2	Decal
2	98-9315	1	Latch-Locking	21	104-1453	1	Grommet
2:1	99-8350	2	Key-Latch, Locking	22	104-0042-03	1	Strap-Hinge
2:2		1	Washer-Switch	23	104-0043-03	1	Screen-Rear
2:3		1	Nut-Switch	24	3229-3	4	Screw-CARR
3	98-9316	1	Latch-Hood	25	32128-33	4	Nut-HF
4	3296-16	4	Nut-Lock, NI	26	104-1429	2	Spacer-Nylon
5	65-5100	2	Handle-Door	27	3296-12	2	Nut-Lock
6	46-8091	4	Screw-HWH	28	3256-51	2	Washer-Flat
7	104-1412	2	Bumper-Rubber	29	104-1452	2	Screw-PPH
8	104-9320	1	Hood ASM	30	104-1451	4	Screw-Tap, PPH
9	93-7252	1	Decal	32	321-15	2	Screw-HH
10	321-4	4	Screw-HH	33	3218-1	2	Nut-Jam
11	3256-1	4	Washer-Flat	34	3256-16	4	Washer-Flat
12	104-1419	1	Strip-Bulb	35	104-1439	1	Plate-Latch
13	3272-4	2	Pin-Cotter	36	94-3829	2	Pin-Clevis
14	3256-23	2	Washer-Flat	37	3290-250	2	Pin-Hair
15	75-0570	2	Cable-Hood	38	3296-56	2	Nut-Lock, NI
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				



Lift Block Assembly

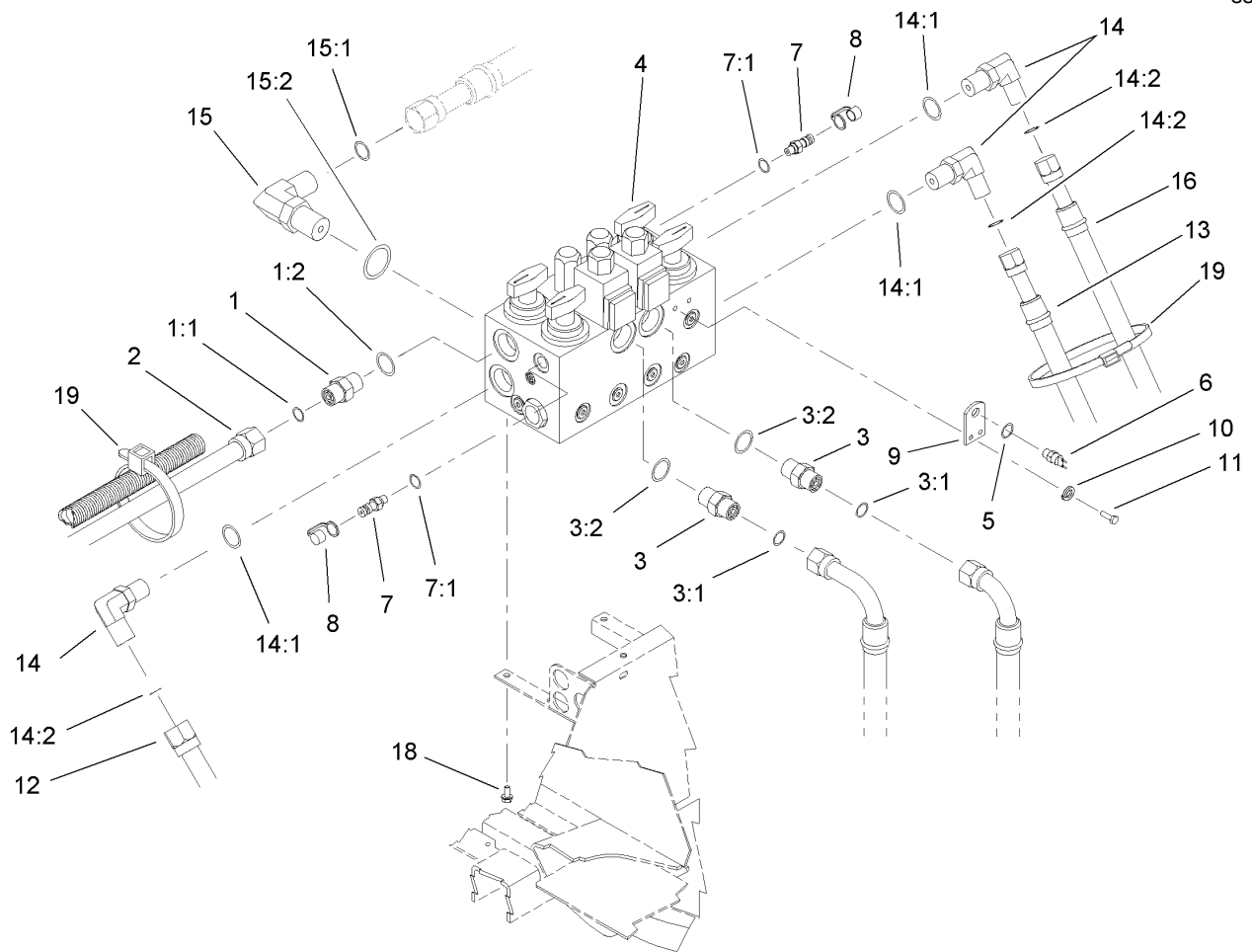
Ref	Part No.	Qty.	Description
1	104-0061	1	HYD Hose ASM
2	104-0060	1	HYD Hose ASM
3	104-0059	1	HYD Hose ASM
4	2412-34	2	Clamp-Hose
5	104-9335	1	Manifold-Block, Lift
6	340-86	1	Fitting-Hyd, Tee
6:1	237-22	2	O-Ring
6:2	237-42	1	O-Ring
7	23-8910	2	Stem-Barb, 90 DEG
7:1	237-146	1	O-Ring
8	354-79	1	Cap-Dust
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
18	3234-14	3	Screw-HHF

Ref	Part No.	Qty.	Description
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

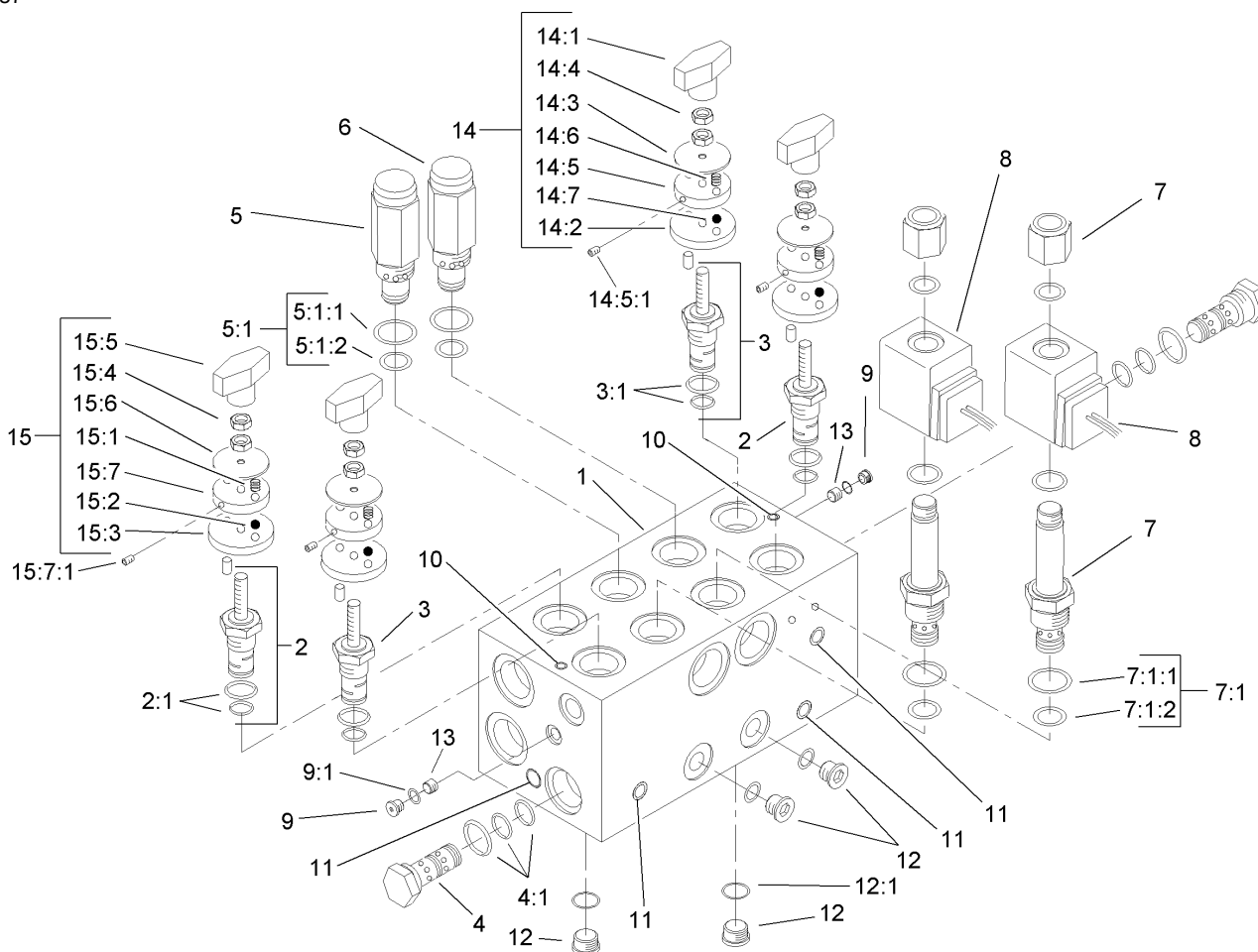
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1		1	Body-Manifold	10	353-989	7	Plug-Hex, Hollow
2	92-6315	1	Cartridge-Poppet, N.c.	10:1	237-42	1	O-Ring
2:1	95-5645	1	Seal Kit				
2:1:1		1	O-Ring				
2:1:2		1	O-Ring				
3	94-2627	1	Cartridge				
3:1	95-5642	1	Seal Kit				
3:1:1		1	O-Ring				
3:1:2		1	O-Ring				
3:1:3		1	O-Ring				
3:1:4		1	Ring-Boss, Low Compression				
4	93-7494	1	Cartridge				
4:1	95-5645	1	Seal Kit				
4:1:1		1	O-Ring				
4:1:2		1	O-Ring				
5	105-3327	3	Valve-Cartridge, Double Blocking				
5:1	105-3334	1	Seal Kit				
5:1:1		1	O-Ring				
5:1:2		1	O-Ring				
5:1:3		2	Ring-Backup				
6	83-2010	3	Coil ASM				
7	105-3328	3	Coil-Solenoid				
8		4	Plug				
9		1	Plug				



Mow Block Assembly

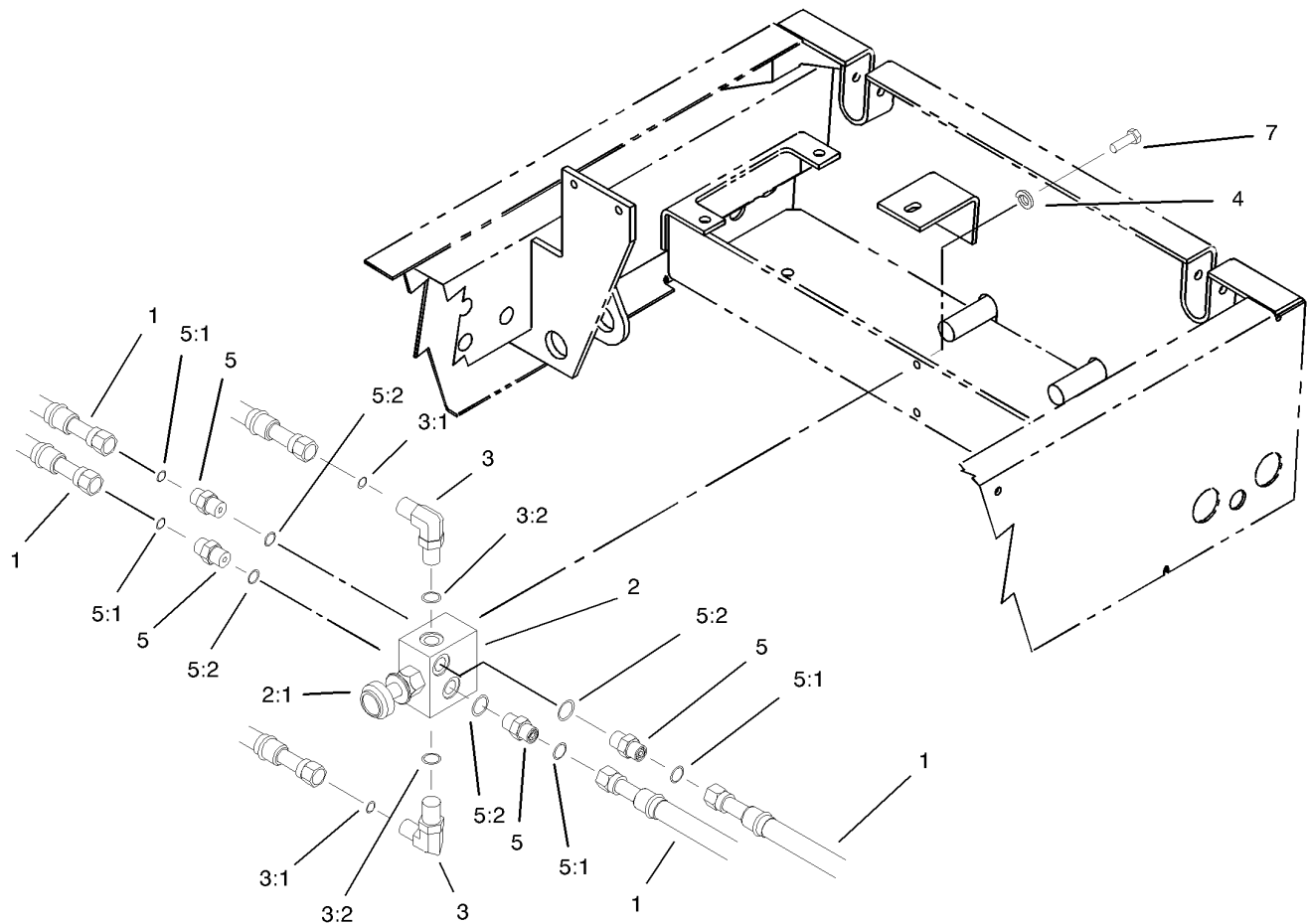
Ref	Part No.	Qty.	Description
1	340-6	1	Fitting-Hyd, Straight
1:1	237-30	1	O-Ring
1:2	237-80	1	O-Ring
2	98-3905	1	Tube ASM
3	340-7	2	Adapter
3:1	237-65	1	O-Ring
3:2	237-80	1	O-Ring
4	99-6978	1	Block-Manifold, Mow
5	3256-76	2	Washer-Flat
6	72-4320	2	Switch-Ball, N.o.
7	354-77	2	Fitting-Quick
7:1	237-78	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
18	3234-14	4	Screw-HHF
19	3290-378	2	Tie-Cable



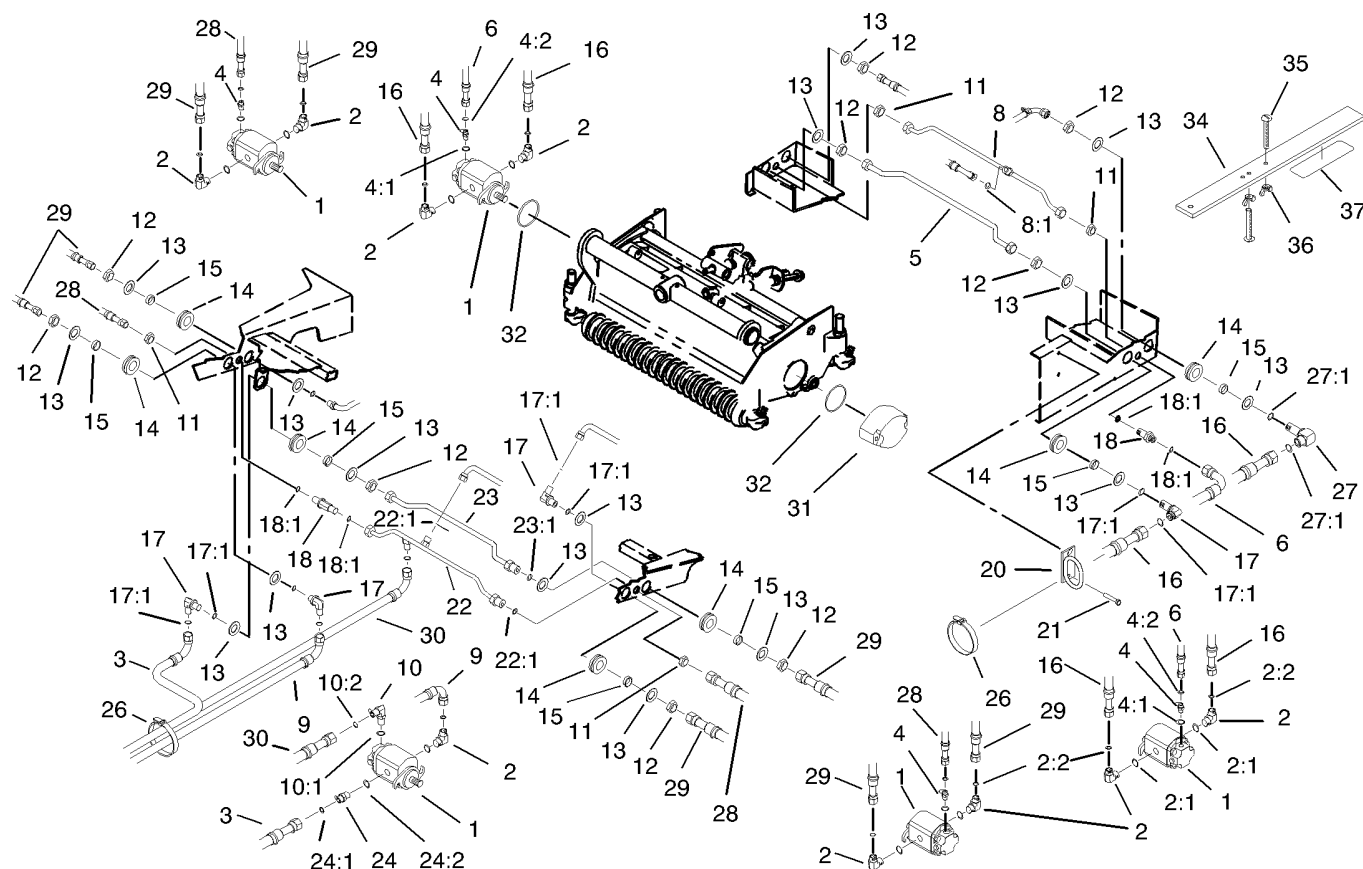
Mow Block Assembly No. 99-6978

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1		1	Body-Manifold	14	94-3660	2	Detent Kit
2	94-3657	2	Spool ASM	14:1	94-5020	1	Knob ASM
2:1	106-1091	1	Seal Kit	14:2	94-5025	1	Plate-Locating
3	94-8175	2	Control-Flow, Rotary	14:3	94-5026	1	Plate-Indicator
3:1	106-1090	1	Seal Kit	14:4	3218-1	2	Nut-Jam
4	69-4120	2	Cartridge-Logic	14:5	94-5023	1	Plate-Detent
4:1	69-4240	1	Seal Kit	14:5:1	3245-36	1	Screw-Set, HS
5	94-3655	1	Valve-Relief	14:6	94-5027	2	Spring
5:1	95-5645	1	Seal Kit	14:7	255-13	2	Ball-Steel, Stainless
②5:1:1		1	O-Ring	15	94-6378	2	Detent Kit
②5:1:2		1	O-Ring	15:1	94-5027	2	Spring
6	104-1200	1	Valve-Relief, Cartridge	15:2	255-13	2	Ball-Steel, Stainless
7	93-7494	2	Cartridge	15:3	94-5021	1	Plate-Locating
7:1	95-5645	1	Seal Kit	15:4	3218-1	2	Nut-Jam
②7:1:1		1	O-Ring	15:5	94-5020	1	Knob ASM
②7:1:2		1	O-Ring	15:6	99-3543	1	Plate-Indicator
8	83-2010	2	Coil ASM	15:7	94-5023	1	Plate-Detent
9	106-1024	2	Plug-Leak, Zero	15:7:1	3245-36	1	Screw-Set, HS
9:1	237-156	1	O-Ring				
②10		2	Plug (7mm)				
②11		8	Plug (10mm)				
12	106-1026	4	Plug-Leak, Zero				
12:1	237-42	1	O-Ring				
13	95-5999	2	Plug-Orifice				



Rear Hydraulic Manifold Assembly

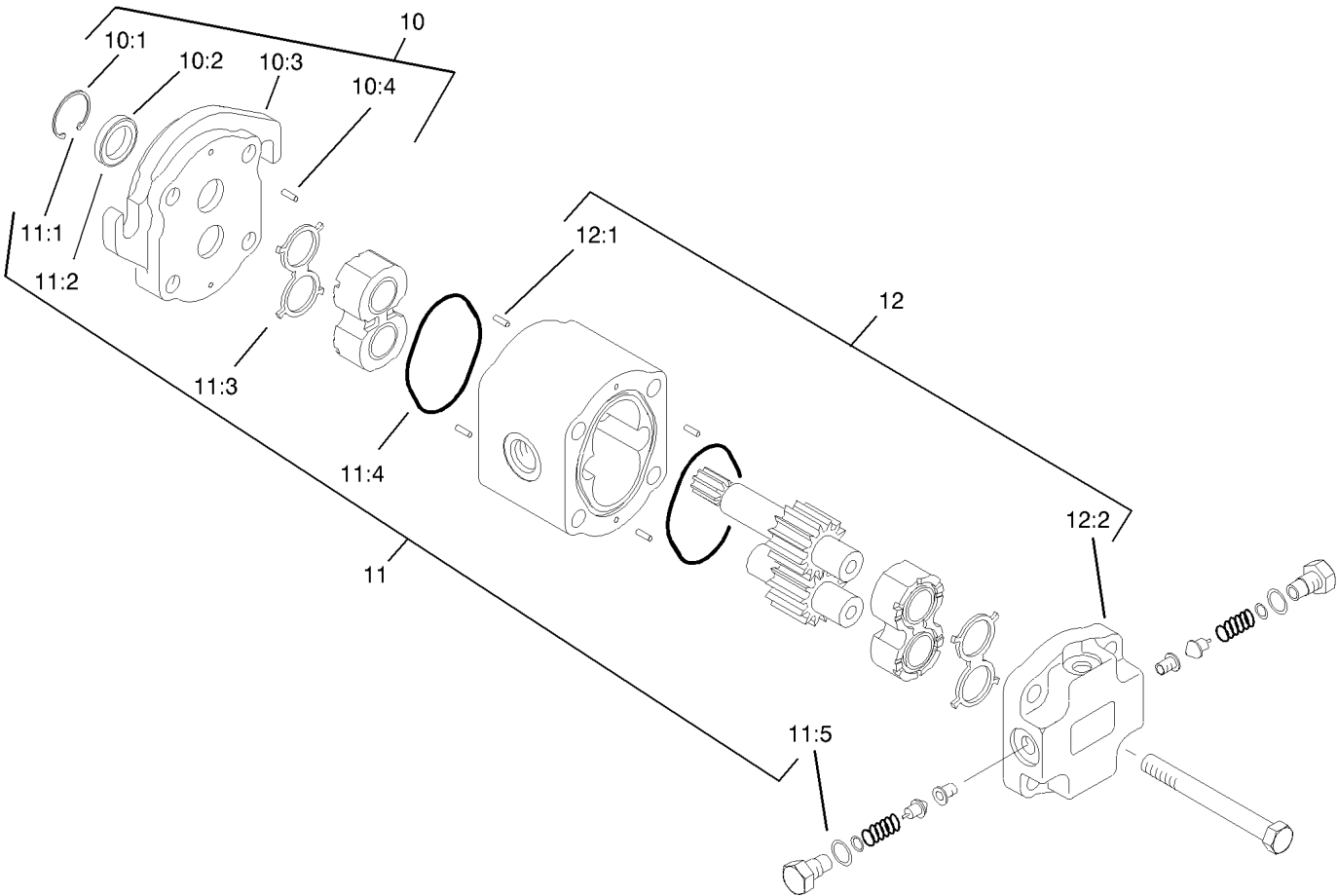
Ref	Part No.	Qty.	Description				
1	104-0052	4	HYD Hose ASM				
2	104-9250	1	Control-Flow				
2:1	107-1800	1	Cartridge Kit				
❶2:1:1	105-3334	1	Seal Kit				
❶2:1:2	105-7514	1	Cartridge Knob Kit				
3	340-77	2	Fitting-Hyd, 90 DEG				
3:1	237-22	1	O-Ring				
3:2	237-42	1	O-Ring				
4	3253-3	2	Washer-Lock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

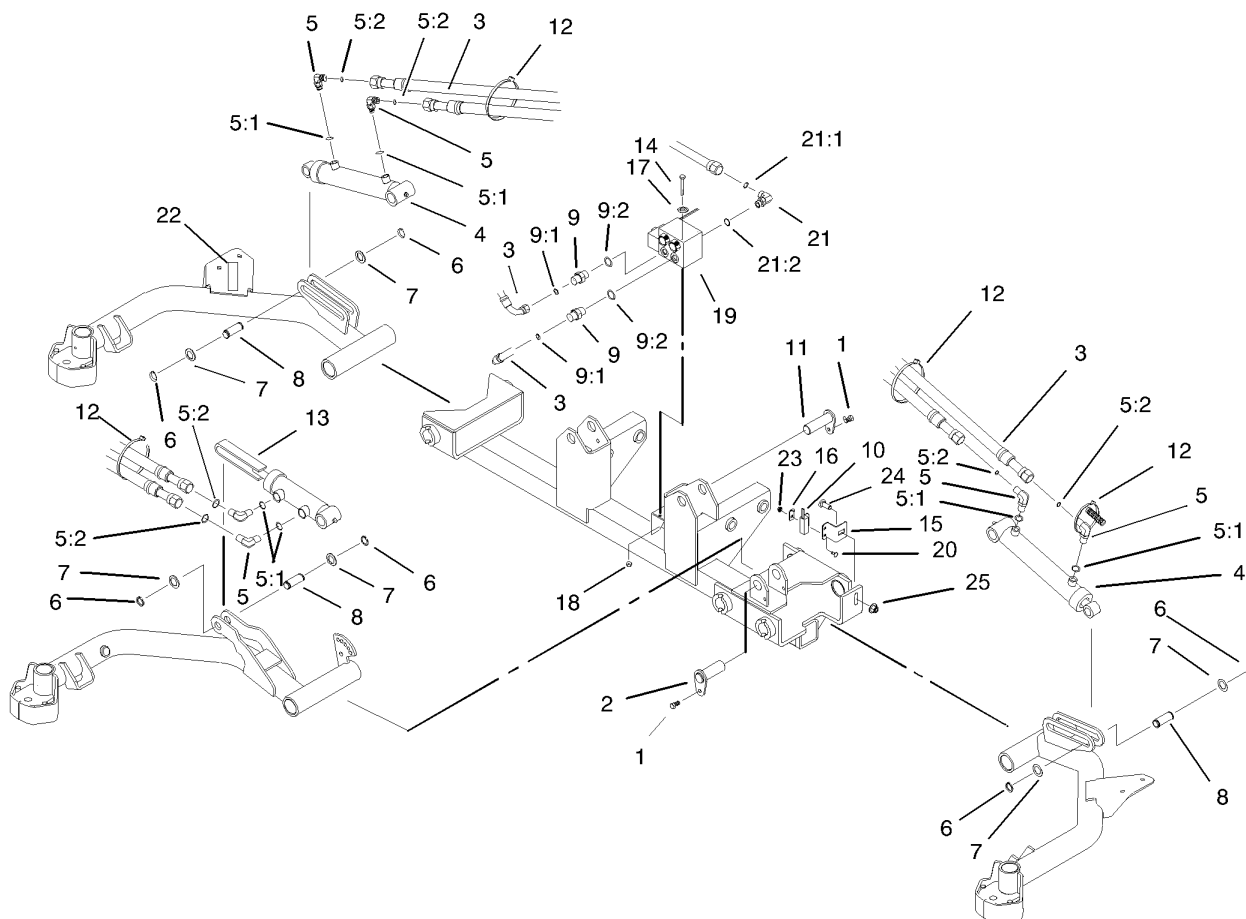
Ref	Part No.	Qty.	Description
1	98-9999	5	HYD Motor ASM
2	340-98	9	Fitting-Hyd, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	104-0067	1	HYD Hose ASM
4	340-92	4	Fitting-Hyd, Straight
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	94-4918	1	Tube ASM
6	104-0058	2	HYD Hose ASM
8	100-3714	1	Drain Tube ASM
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, Straight
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

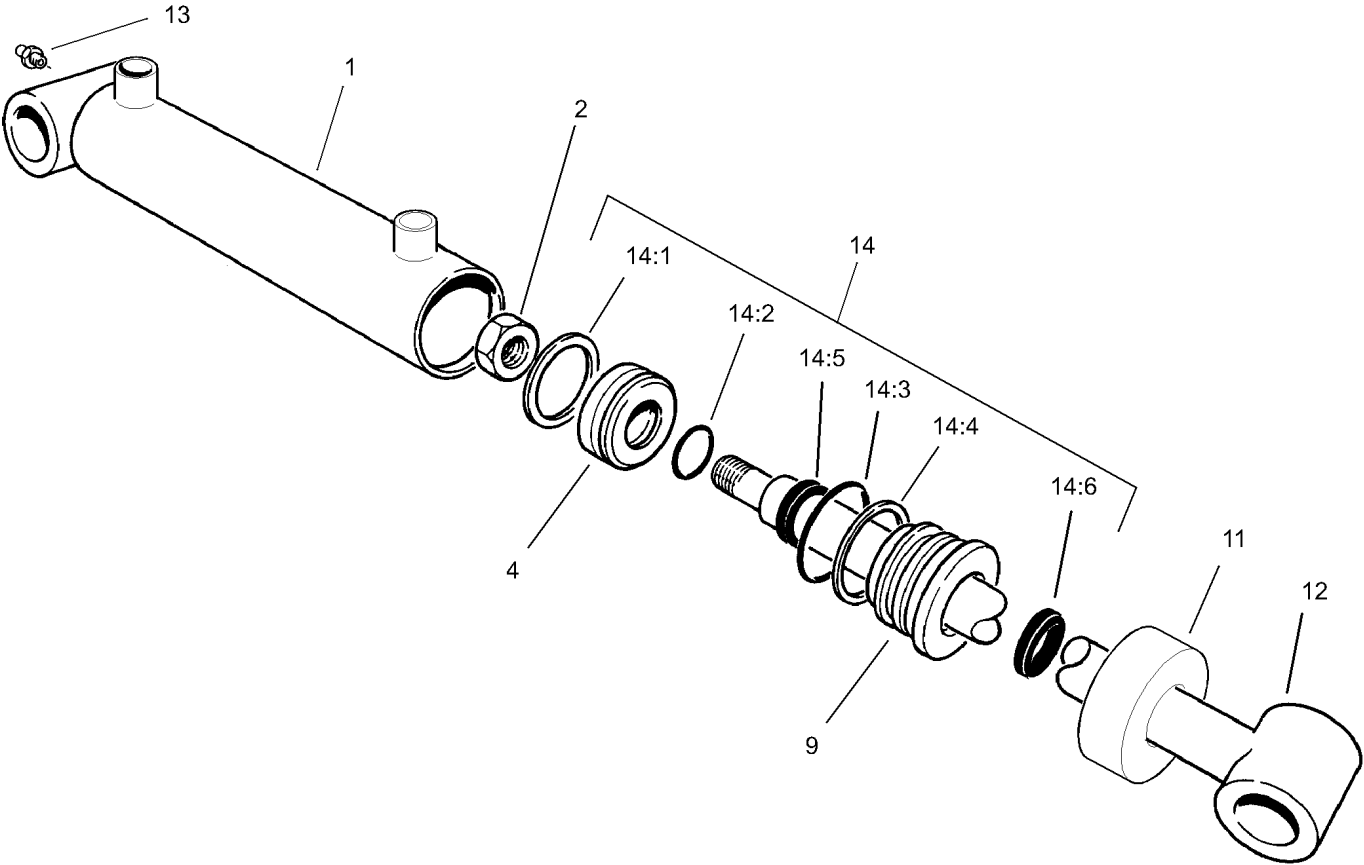
Ref	Part No.	Qty.	Description				
10	93-9152	1	Flange Kit				
10:1		1	Ring-Retaining				
10:2		1	Seal-Shaft				
10:3		1	Flange				
10:4		4	Pin-Dowel				
11	98-9997	1	Seal Kit				
11:1		1	Ring-Retaining				
11:2		1	Seal-Shaft				
11:3		2	E-Seal				
11:4		2	O-Ring				
11:5		2	O-Ring				
12	93-9154	1	Valve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



Front Lift Circuit Assembly

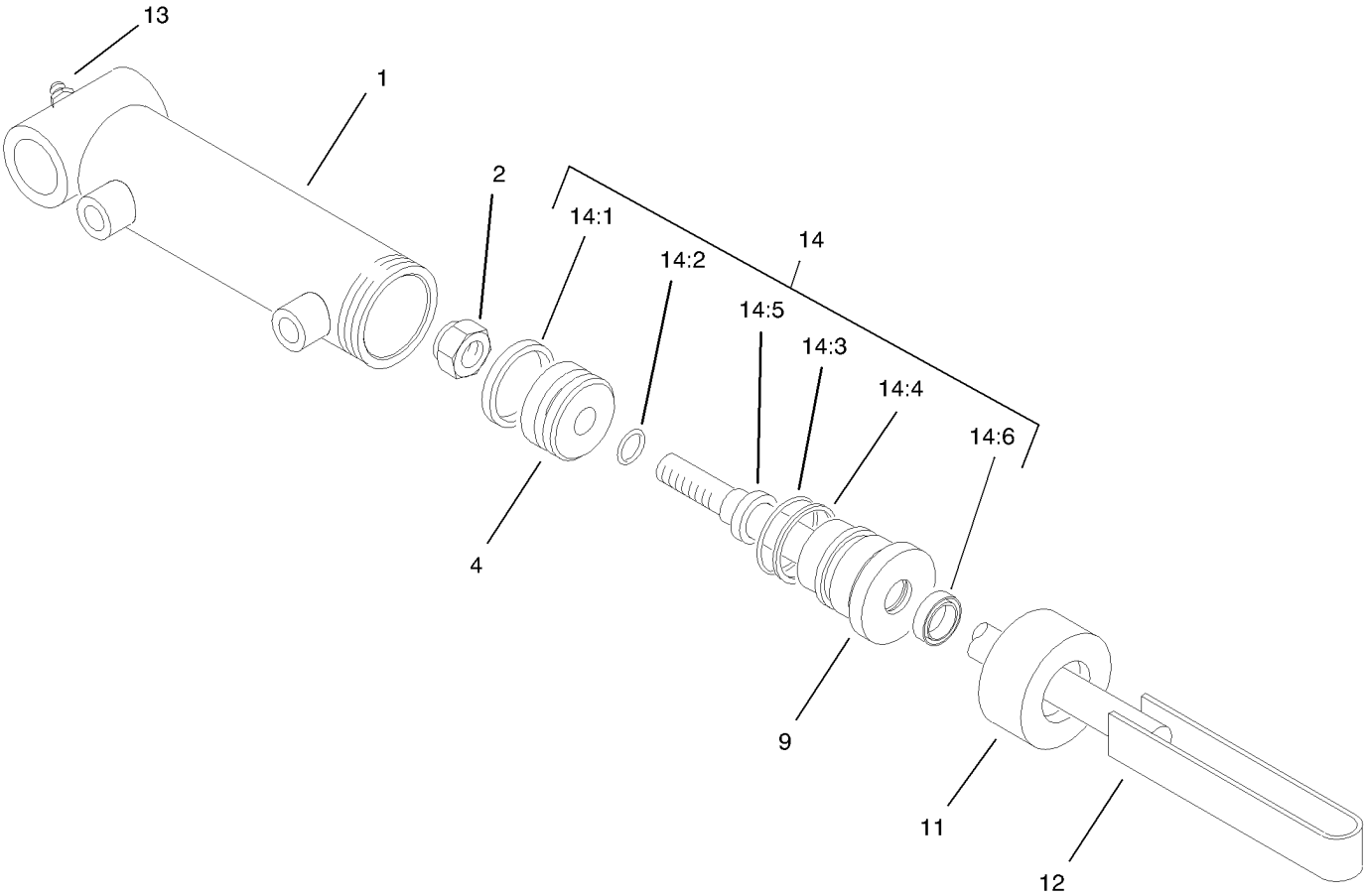
Ref	Part No.	Qty.	Description
1	32144-14	3	Screw-HWH
2	106-9208	1	Short Cylinder Pin ASM
3	104-0059	2	HYD Hose ASM
4	99-6986	2	Cylinder-HYD
5	340-132	6	Fitting-Hyd, 90 DEG
5:1	237-78	1	O-Ring
5:2	237-21	1	O-Ring
6	32120-93	6	Ring-Retaining
7	3-6498	6	Washer-Thrust
8	104-0046	3	Pin-Slide, Cylinder
9	340-2	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



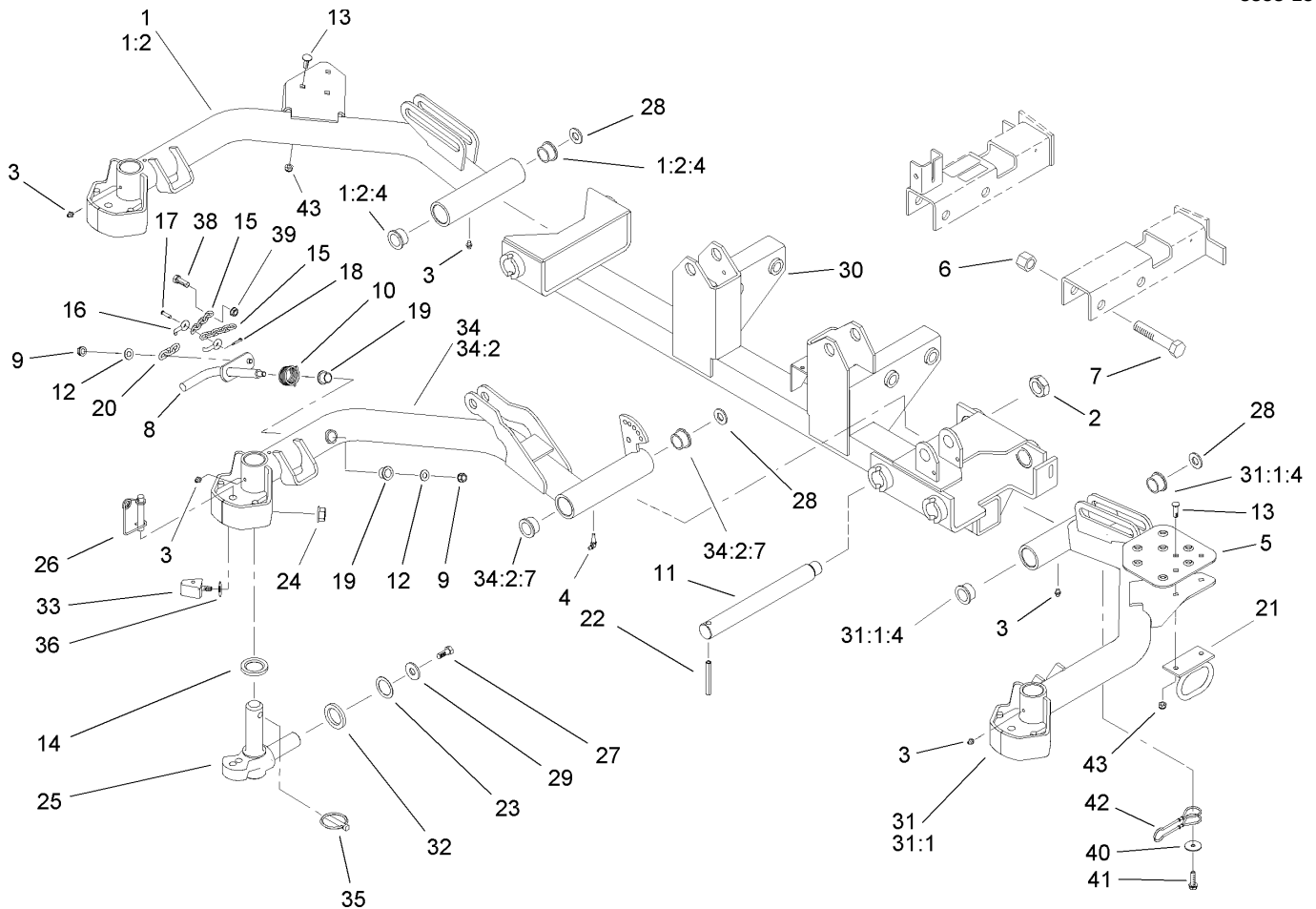
Hydraulic Cylinder Assembly No. 99-6986

Ref	Part No.	Qty.	Description				
1	32152-10	1	Barrel				
2		1	Locknut				
4		1	Piston				
9		1	Head				
11		1	Collar				
12		1	Shaft W/clevis				
13	100-8023	1	Fitting-Grease				
14		1	Seal Repair Kit				
14:1		1	Seal-Psp				
14:2		1	O-Ring				
14:3		1	O-Ring				
14:4		1	Backup				
14:5		1	Seal-Rod				
14:6		1	Seal-Dust				



Hydraulic Cylinder Assembly No. 99-6987

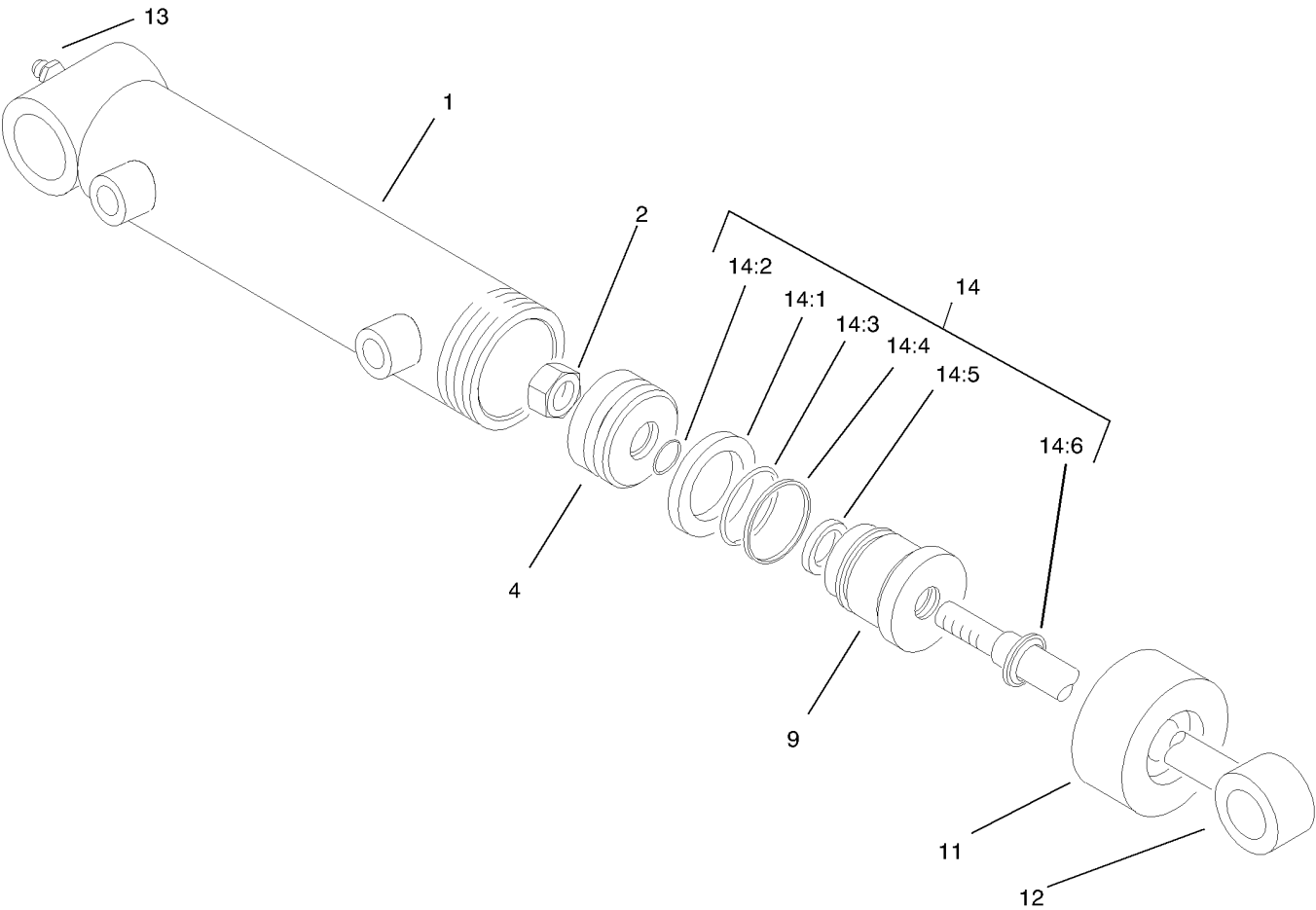
Ref	Part No.	Qty.	Description				
1	32152-10	1	Barrel				
2		1	Locknut				
4		1	Piston				
9		1	Head				
11		1	Collar				
12		1	Shaft W/clevis				
13	100-8023	1	Fitting-Grease				
14		1	Seal Repair Kit				
14:1		1	Seal-Psp				
14:2		1	O-Ring				
14:3		1	O-Ring				
14:4		1	Backup				
14:5		1	Seal-Rod				
14:6		1	Seal-Dust				



Front Lift Arm Assembly

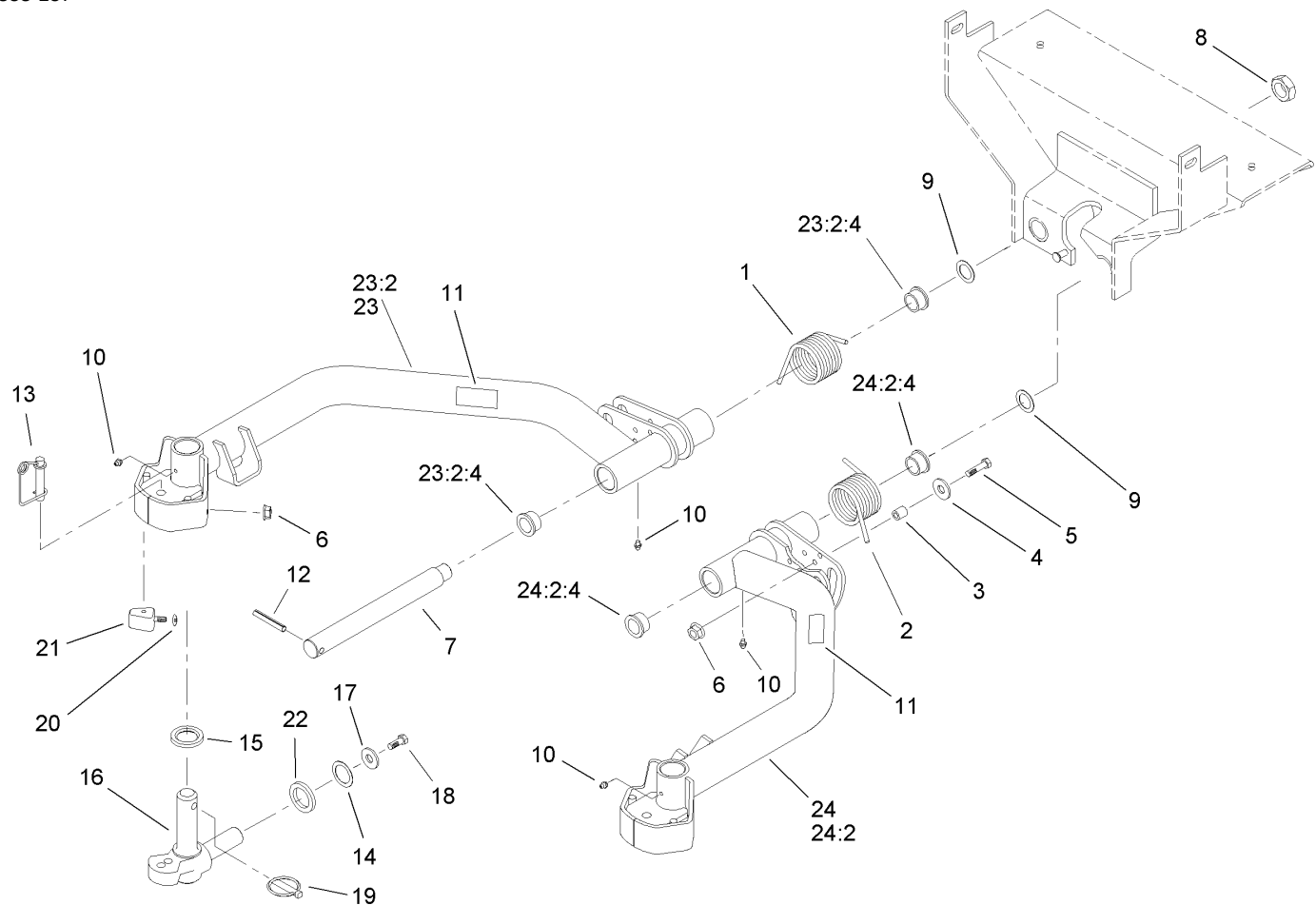
Ref	Part No.	Qty.	Description
1	99-6905-03	1	Arm ASM #5
② 1:2		1	Arm ASM #5
1:2:4	104-0015	4	Bushing-Flange
2	3296-49	3	Nut-Lock, NI
3	302-5	5	Fitting-Grease
4	302-60	1	Fitting-Grease
5	104-1438-03	1	Step-Perforated
6	3296-51	4	Nut-Lock, NI
7	328-7	4	Screw-HH
8	99-6941-03	1	Pivot Rod ASM
9	3296-39	2	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

Ref	Part No.	Qty.	Description
23	3-6781	3	Washer-Thrust
24	32128-20	6	Nut-HF
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 No. 4
③ 31:1		1	Liftarm ASM No. 4
31:1:4	104-0015	2	Bushing-Flange
32	98-7974	3	Washer-Thrust
33	106-9004	6	Bumper
34	99-6901-03	1	Arm ASM No. 1
④ 34:2		1	Arm ASM No. 1
34:2:7	104-0015	4	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



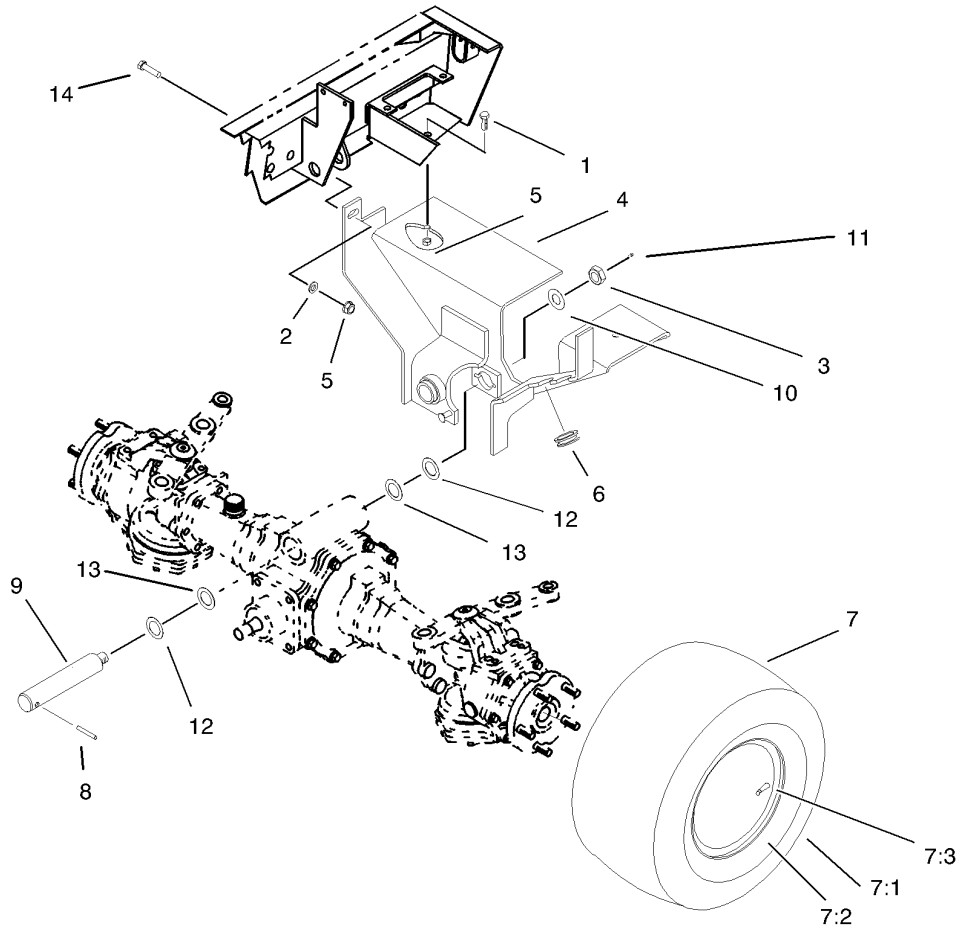
Hydraulic Cylinder Assembly No. 98-3945

Ref	Part No.	Qty.	Description				
1	32152-10	1	Barrel				
2		1	Locknut				
4		1	Piston				
9		1	Head				
11		1	Collar				
12	100-8023	1	Shaft W/clevis				
13		1	Fitting-Grease				
14		1	Seal Repair Kit				
14:1		1	Seal-Psp				
14:2		1	O-Ring				
14:3		1	O-Ring				
14:4		1	Backup				
14:5		1	Seal-Rod				
14:6		1	Seal-Dust				



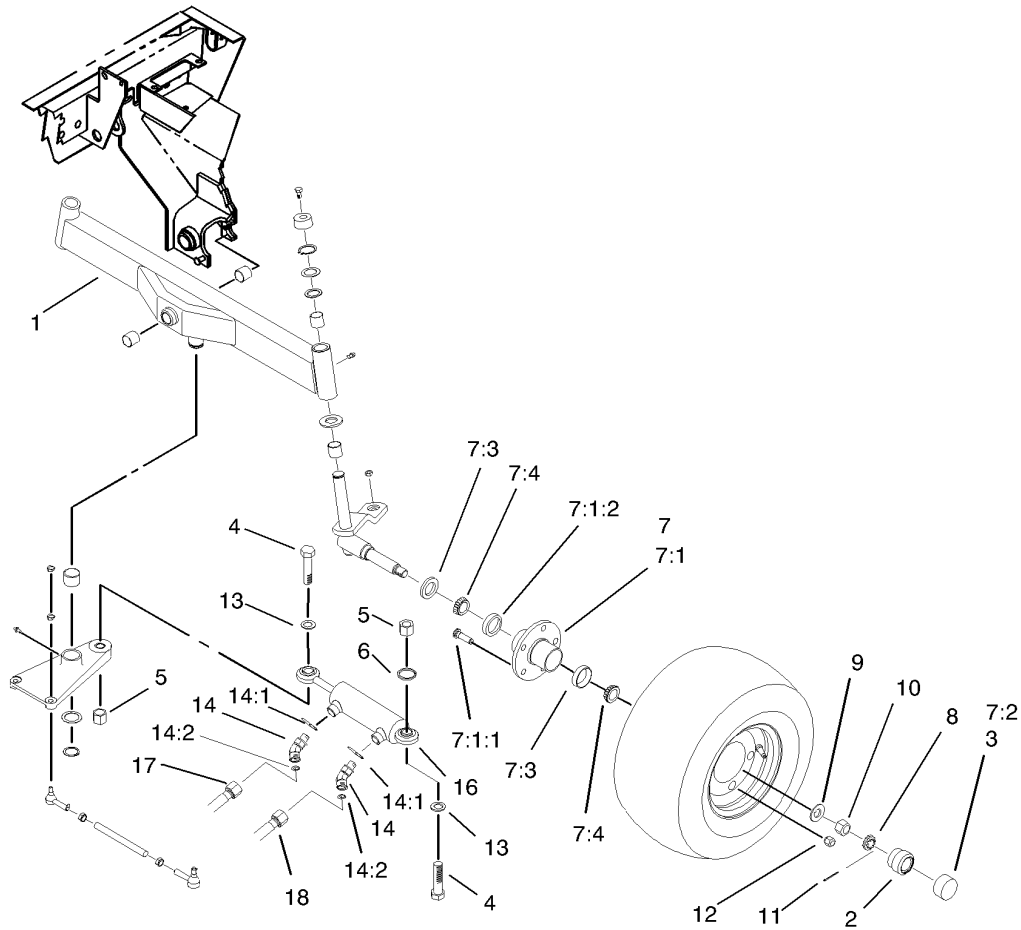
Rear Lift Arm Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	99-5608-03	1	Spring-Torsion, RH	23:2:4	104-0015	4	Bushing-Flange
2	99-5609-03	1	Spring-Torsion, LH	24	99-6902-03	1	Arm ASM No. 2
3	82-6840	2	Spacer	24:2		1	Arm ASM No. 2
4	3256-35	2	Washer-Flat	24:2:4	104-0015	4	Bushing-Flange
5	322-7	2	Screw-HH				
6	32128-20	6	Nut-HF				
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 No. 3				
23:2		1	Arm ASM No. 3				



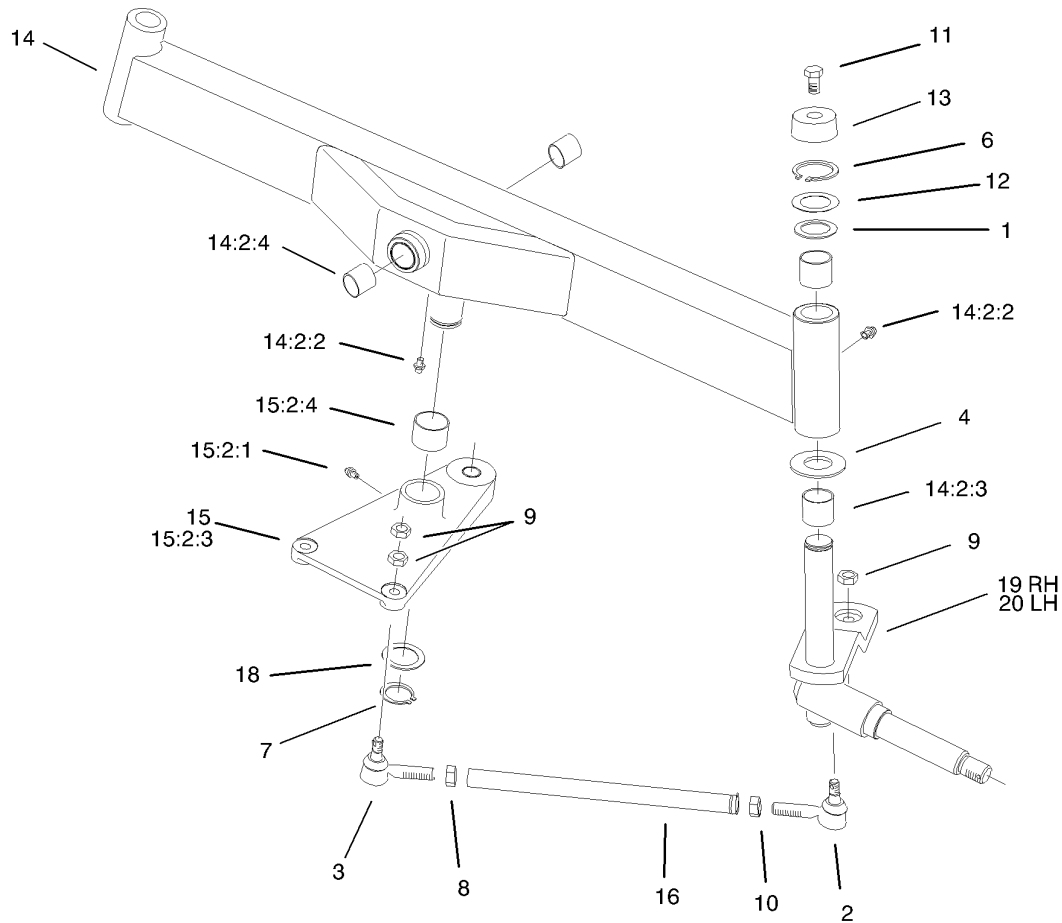
Rear Axle Support Assembly

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				
7		2	Tire And 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				



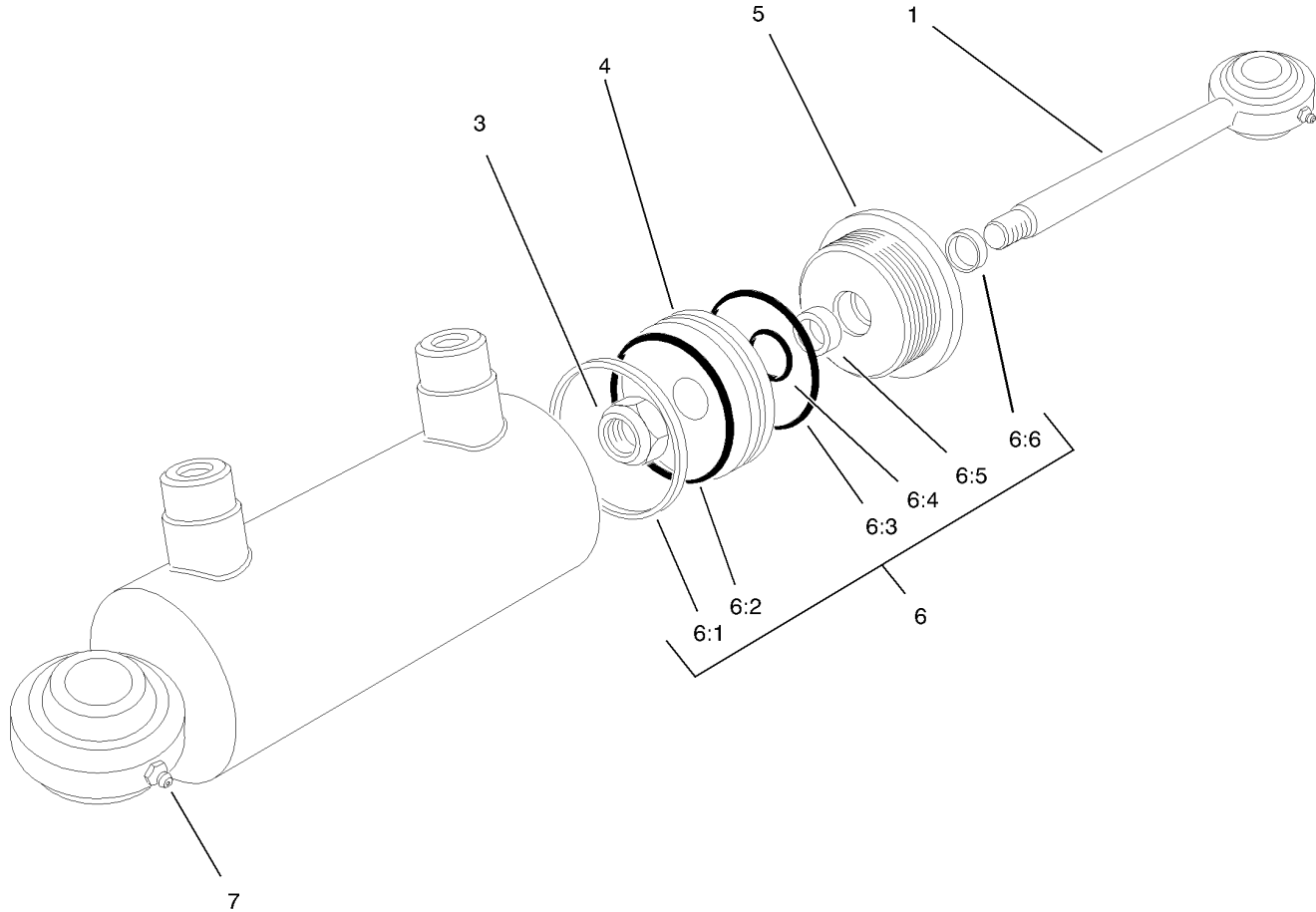
2 Wheel Drive Rear Axle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
② 1		1	Rear Axle ASM	18	105-9295	1	Hose ASM
2	100-3769	2	Protector-Bearing				
3	100-3809	2	Cap-Protector, Bearing				
4	328-25	2	Screw-HH				
5	32153-6	2	Nut-Lock				
6	67-7250	1	Spacer-Ring				
② 7		2	Hub ASM				
7:1	21-2820	1	Hub ASM				
7:1:1	10-6830	5	Stud-Type, Drive				
7:1:2	254-72	2	Bearing-Cup, Tapered				
7:2	241-119	1	Cap-Dust				
7:3	253-129	1	Seal				
7:4	254-94	2	Bearing-Cone, Tapered				
8	93-0307	2	Nut-Lock, Retainer				
9	93-0309	4	Washer-Tab				
10	3220-7	2	Nut-Jam				
11	3272-13	2	Pin-Cotter				
12	242-50	10	Nut-Lug				
13	67-9410	2	Washer				
14	340-103	2	Fitting-Hyd, 45 DEG				
14:1	237-78	1	O-Ring				
14:2	237-21	1	O-Ring				
16	75-1200	1	Cylinder-HYD				
17	104-1494	1	HYD Hose ASM				



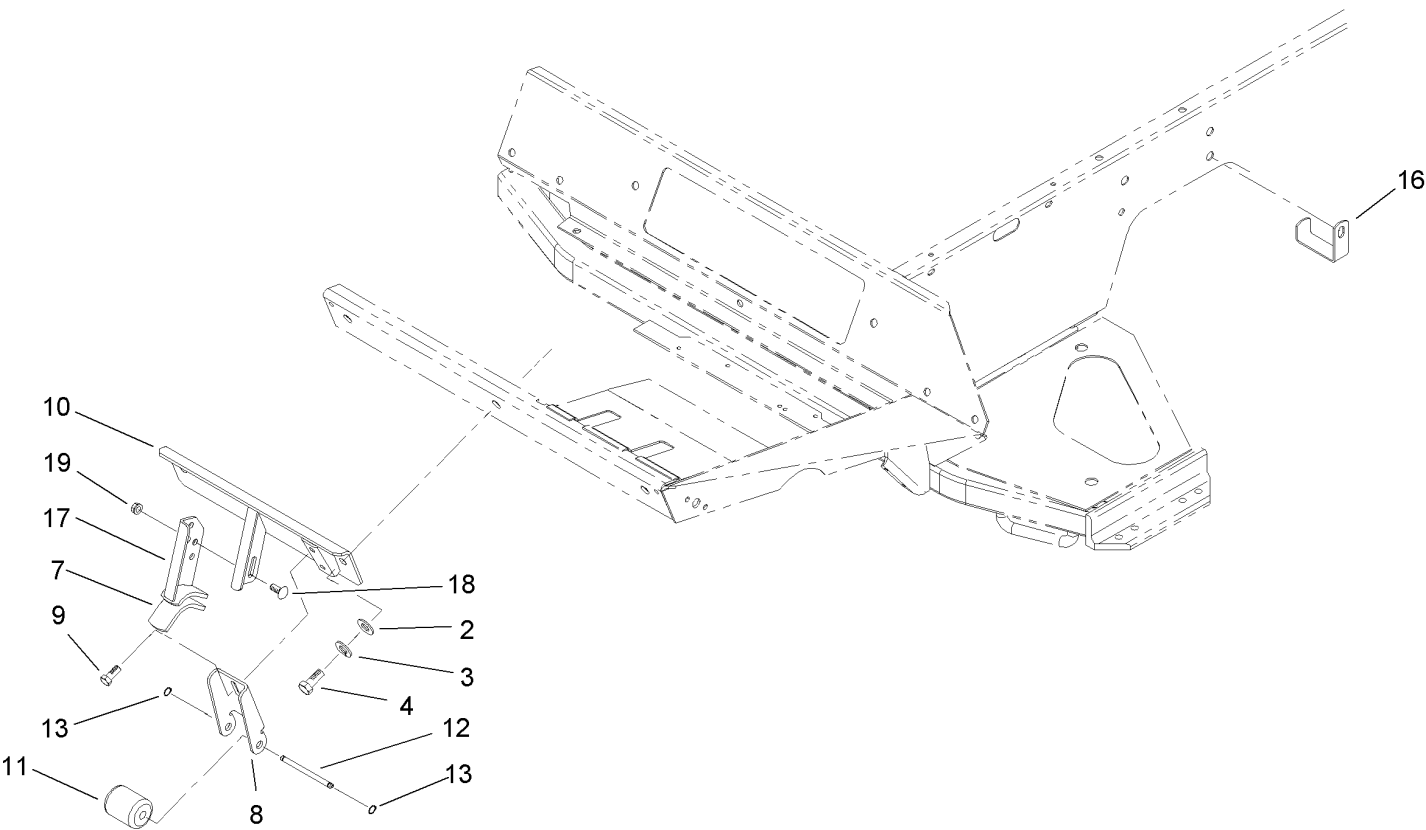
Rear Axle Assembly

Ref	Part No.	Qty.	Description				
1	10-8110	2	Washer-Thrust				
2	21-0141	2	RH Ball Joint ASM				
3	21-0151	2	LH Ball Joint ASM				
4	256-121	2	Washer-Thrust				
6	32151-36	2	Ring-Retaining				
7	32151-77	1	Ring-Retaining, Ext				
8	3220-12	2	Nut-Hj, LH Thread				
9	3220-3	8	Nut-Jam				
10	3220-5	2	Nut-Jam				
11	3234-13	2	Screw-HHF				
12	5-1226	2	Washer				
13	66-2990	2	Cap-Spindle				
14	99-6935-03	1	Axle-Rear				
14:2:2	302-5	2	Fitting-Grease				
14:2:3	67-1750	4	Bushing				
14:2:4	99-6964	2	Bushing-Axle				
15	75-4410-03	1	Pivot Plate ASM				
15:2:1	302-5	1	Fitting-Grease				
15:2:3	75-2910	1	Plate-Pivot				
15:2:4	76-2970	2	Bushing-Straight				
16	75-3130-03	2	Rod-Tie				
18	76-2980	1	Washer-Thrust				
19	93-7000-03	1	Spindle-RH				
20	93-7001-03	1	Spindle-LH				



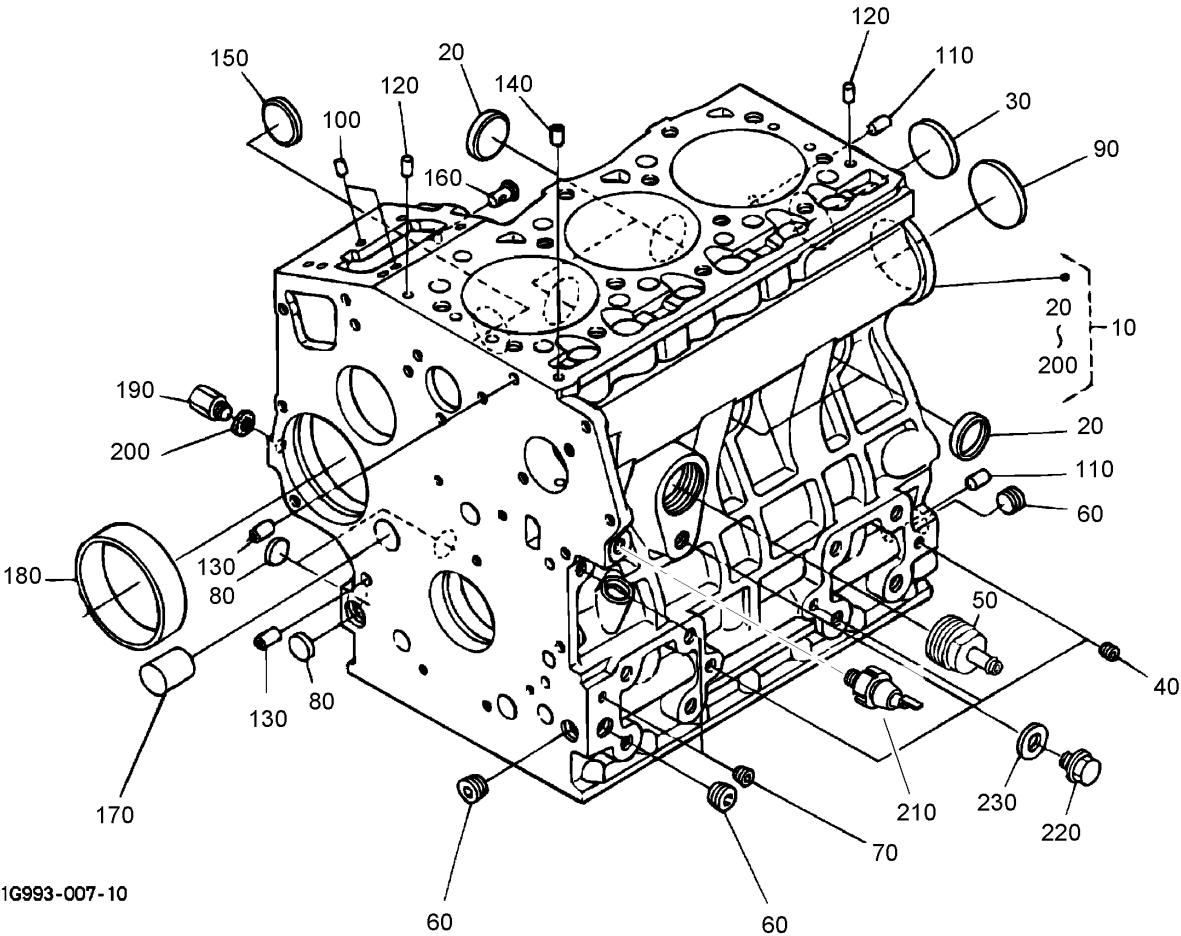
Hydraulic Cylinder Assembly No. 75-1200

Ref	Part No.	Qty.	Description				
1	75-1250	1	Rod				
3		1	Nut				
4		1	Piston				
5		1	Head				
6		1	Seal Kit				
6:1		1	Ring-Servon				
6:2		1	O-Ring				
6:3		1	O-Ring				
6:4		1	O-Ring				
6:5		1	U-Cup				
6:6	302-5	1	Wiper				
7		2	Fitting-Grease				



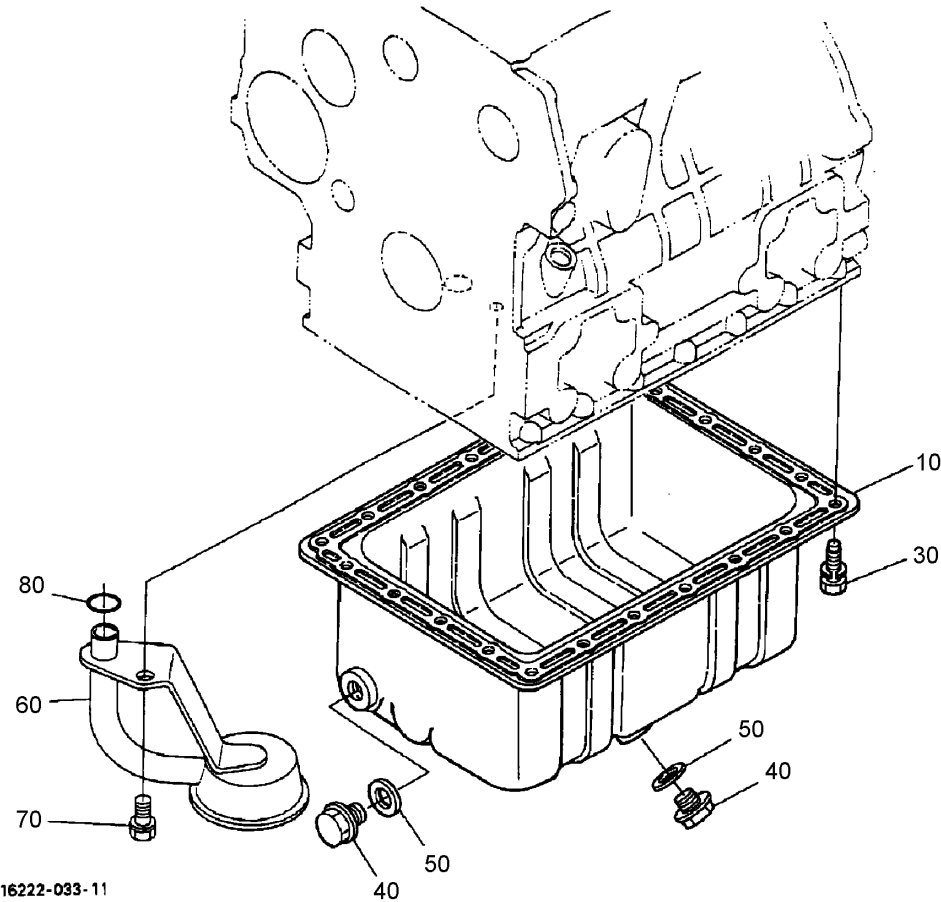
Roll-Over-Protection-System Assembly

Ref	Part No.	Qty.	Description				
2	3256-26	4	Washer-Flat				
3	3253-7	4	Washer-Lock				
4	325-5	4	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				



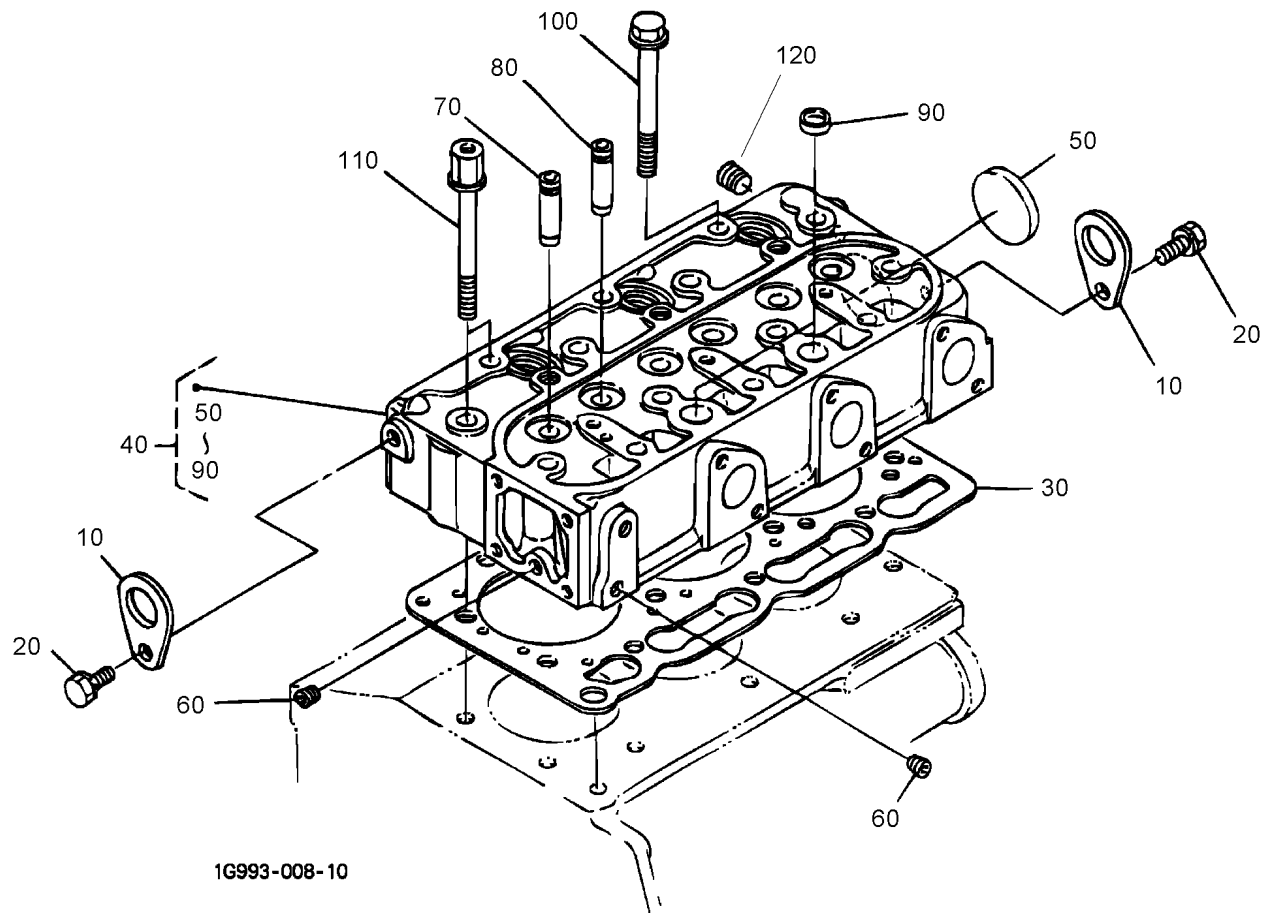
Crankcase Assembly

Ref	Part No.	Qty.	Description				
10	107-7824	1	Crankcase ASM				
20	98-9398	4	Cap-Sealing				
30	98-7539	1	Cap-Sealing				
40	98-7540	3	Plug				
50	99-8347	1	Joint-Pipe, Drain				
60	98-9597	3	Plug				
70	98-7487	2	Plug				
80	98-7489	3	Plug				
90	98-9668	1	Plug				
100	98-9375	2	Pin-Straight				
110	98-9377	2	Pin-Straight				
120	105-3795	2	Pin-Straight				
130	98-9387	2	Pin-Pipe				
140	98-9539	1	Pin-Pipe				
150	98-9599	1	Plug				
160	98-9630	1	Pin-Spring, Start				
170	98-9675	1	Plug				
180	98-9656	1	Bushing-Governor, Gear				
190	98-7507	1	Plug				
200	98-7428	1	Gasket				
210	98-9416	1	Switch-Oil				
220	99-3447	1	Plug				
230	106-7056	1	Gasket				



Oil Pan Assembly

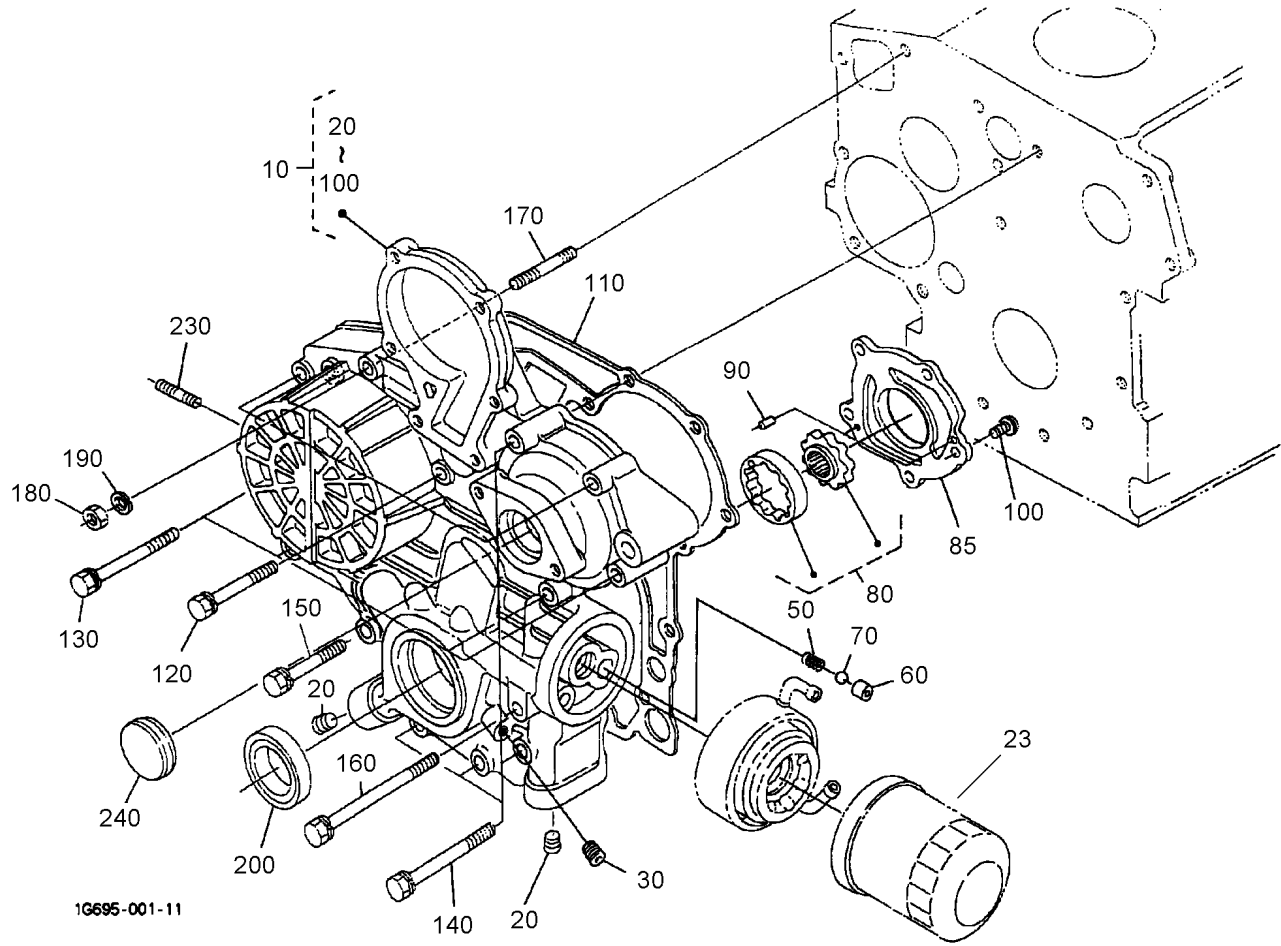
Ref	Part No.	Qty.	Description				
10	98-9685	1	Drain-Oil				
30	107-9065	22	Bolt				
40	108-6572	2	Plug-Drain				
50	98-7524	2	Gasket				
60	108-1401	1	Filter-Oil				
70	98-7526	1	Bolt				
80	105-3776	1	O-Ring				



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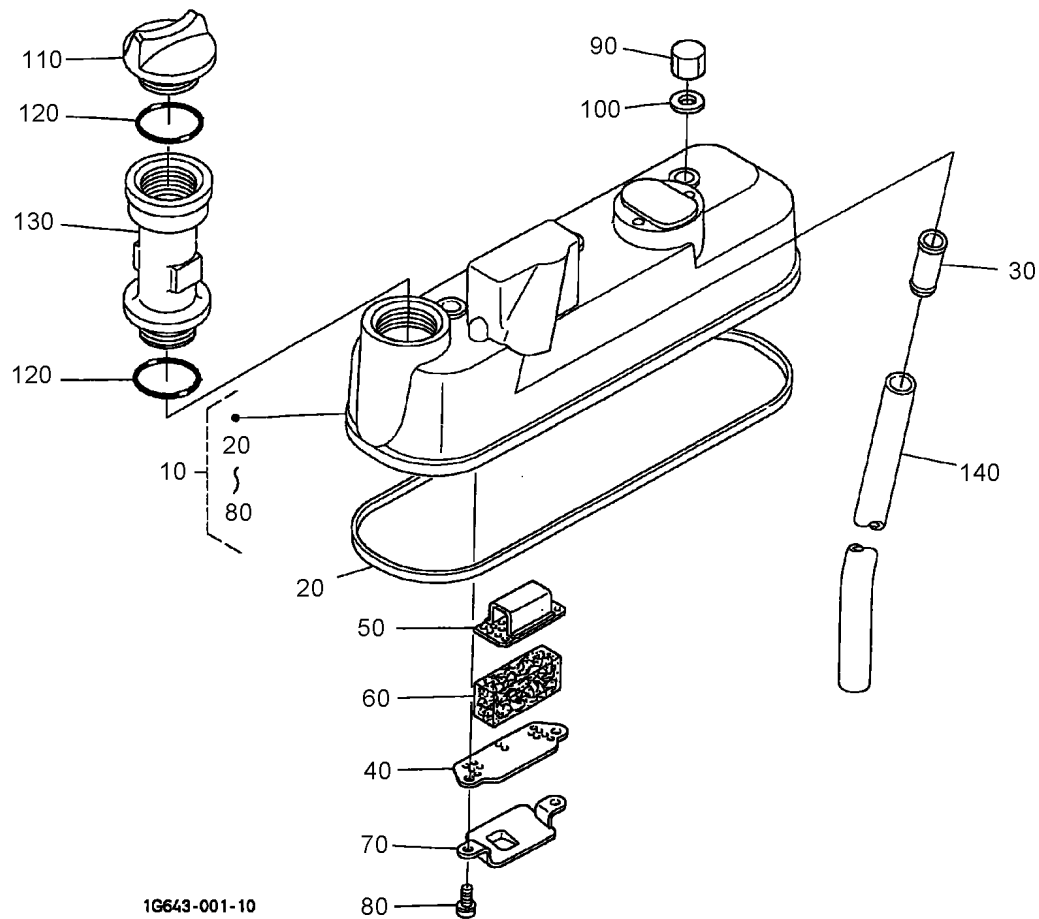
Cylinder Head Assembly

Ref	Part No.	Qty.	Description				
10	98-7531	2	Hook-Engine				
20	100-9195	2	Bolt				
30	105-3780	1	Gasket-Head, Cylinder				
40	107-7823	1	Cylinder Head ASM				
50	98-9395	1	Cap-Sealing				
60	98-7540	2	Plug				
70	107-9066	3	Guide-Valve, Inlet				
80	107-9067	3	Guide-Valve, Exhaust				
90	98-9389	2	Cap-Sealing				
100	98-9479	12	Bolt-Head, Cylinder				
110	98-9647	2	Bolt-Head, Cylinder				
120	98-9444	1	Plug				



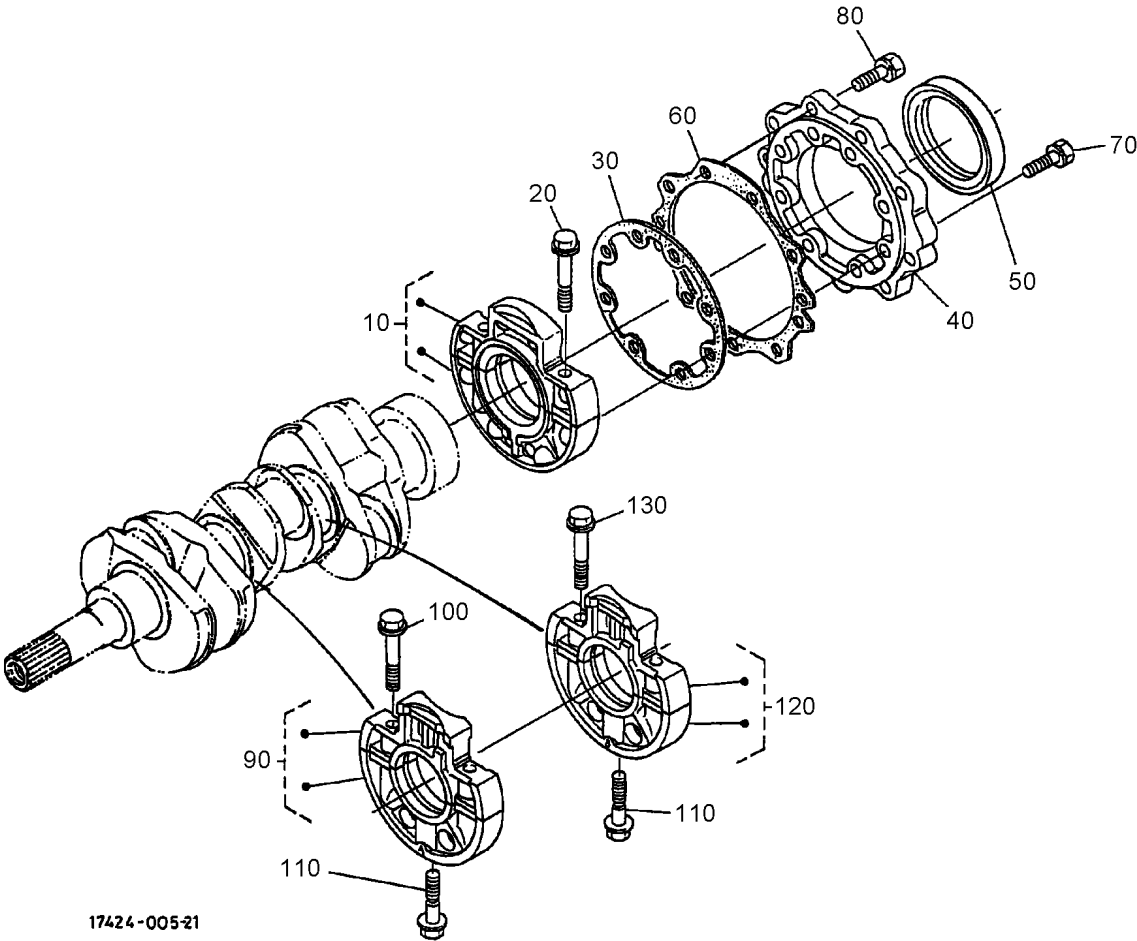
Gear Case Assembly

Ref	Part No.	Qty.	Description				
10	108-1402	1	Gear Case ASM				
20	98-9598	2	Plug				
23	104-5167	1	Filter-Oil				
30	98-7487	1	Plug				
50	98-9544	1	Spring				
60	98-9543	1	Seat-Valve				
70	98-9380	1	Ball				
80	98-9540	1	Oil Pump Rotor ASM				
85	107-9069	1	Cover-Pump, Oil				
90	107-9072	2	Pin-Straight				
100	107-9071	5	Screw				
110	98-9633	1	Gasket-Case, Gear				
120	107-9073	3	Bolt				
130	105-3797	4	Bolt				
140	98-9356	4	Bolt				
150	107-9074	1	Bolt				
160	98-9586	1	Bolt				
170	105-3709	1	Stud				
180	98-7572	1	Nut				
190	98-7699	1	Washer-Spring				
200	98-9482	1	Seal-Oil				
230	105-3710	2	Stud				
240	98-9641	1	Cover				



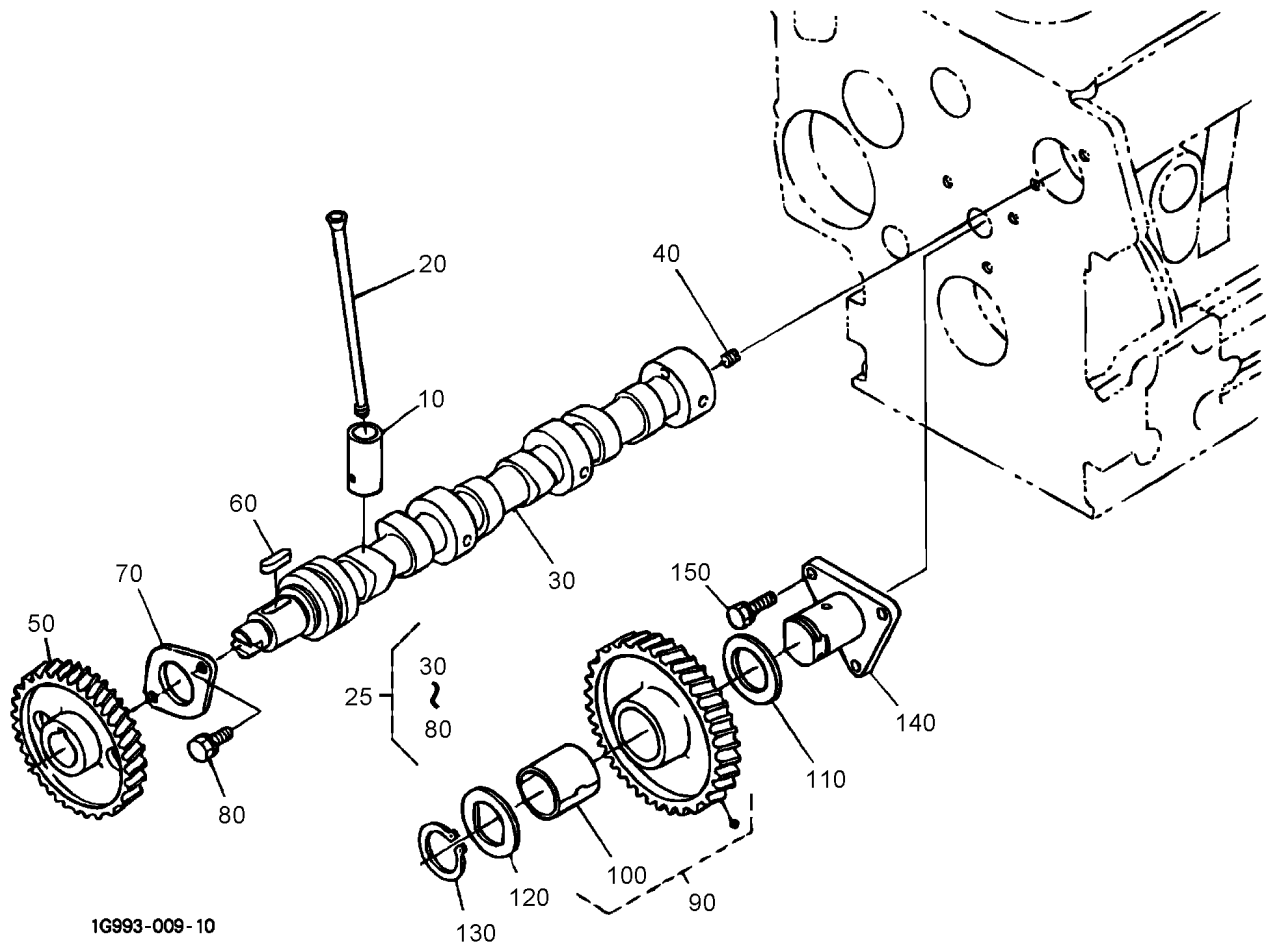
Head Cover Assembly

Ref	Part No.	Qty.	Description				
10	98-9614	1	Cylinder Head Cover ASM				
20	98-9615	1	Gasket-Cover, Head				
30	98-9492	1	Joint-Pipe, Breather				
40	98-9488	1	Plate-Element, Breather				
50	98-9489	1	Plate-Element, Breather				
60	98-9493	1	Element-Breather				
70	98-9490	1	Shield-Oil, Breather				
80	98-9364	2	Screw-W/washer				
90	98-9455	3	Nut-Cap				
100	98-9454	3	Gasket				
110	107-9075	1	Plug-Filler, Oil				
120	99-3446	1	O-Ring				
130	99-8349	1	Extension-Fill, Oil				
140	98-9491	1	Pipe-Breather				



Main Bearing Assembly

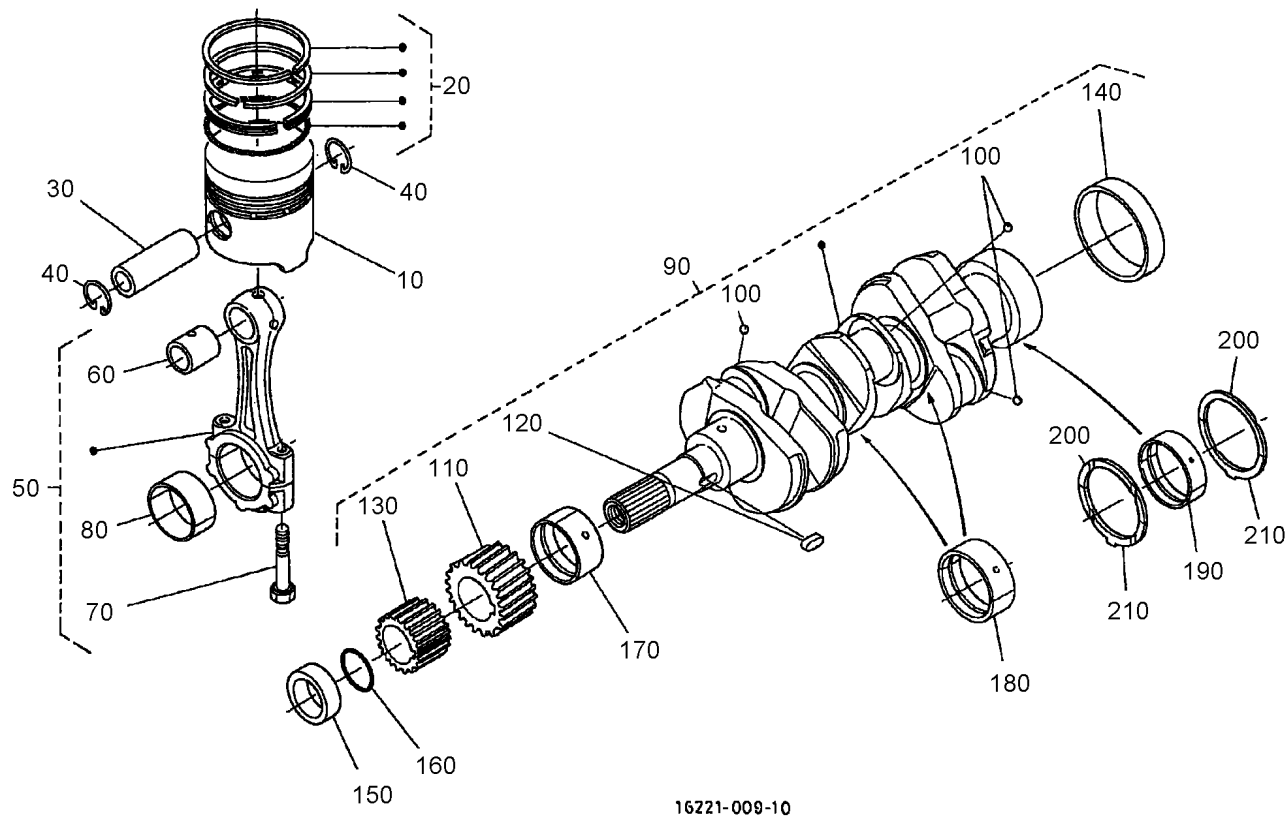
Ref	Part No.	Qty.	Description				
10	98-9480	1	Main Bearing Case ASM				
20	98-9484	2	Bolt-Case, Bearing				
30	98-9634	1	Gasket-Case, Bearing				
40	98-9487	1	Cover-Case, Bearing				
50	98-9483	1	Seal-Oil				
60	98-9635	1	Gasket-Cover, Bearing Case				
70	98-9352	8	Bolt				
80	98-7568	9	Bolt				
90	99-8361	1	Case-Bearing, Main				
100	98-9484	2	Bolt-Case, Bearing				
110	98-9485	2	Bolt-Case, Bearing				
120	99-8360	1	Case-Bearing, Main				
130	98-9484	2	Bolt-Case, Bearing				



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Camshaft and Idle Gear Shaft Assembly

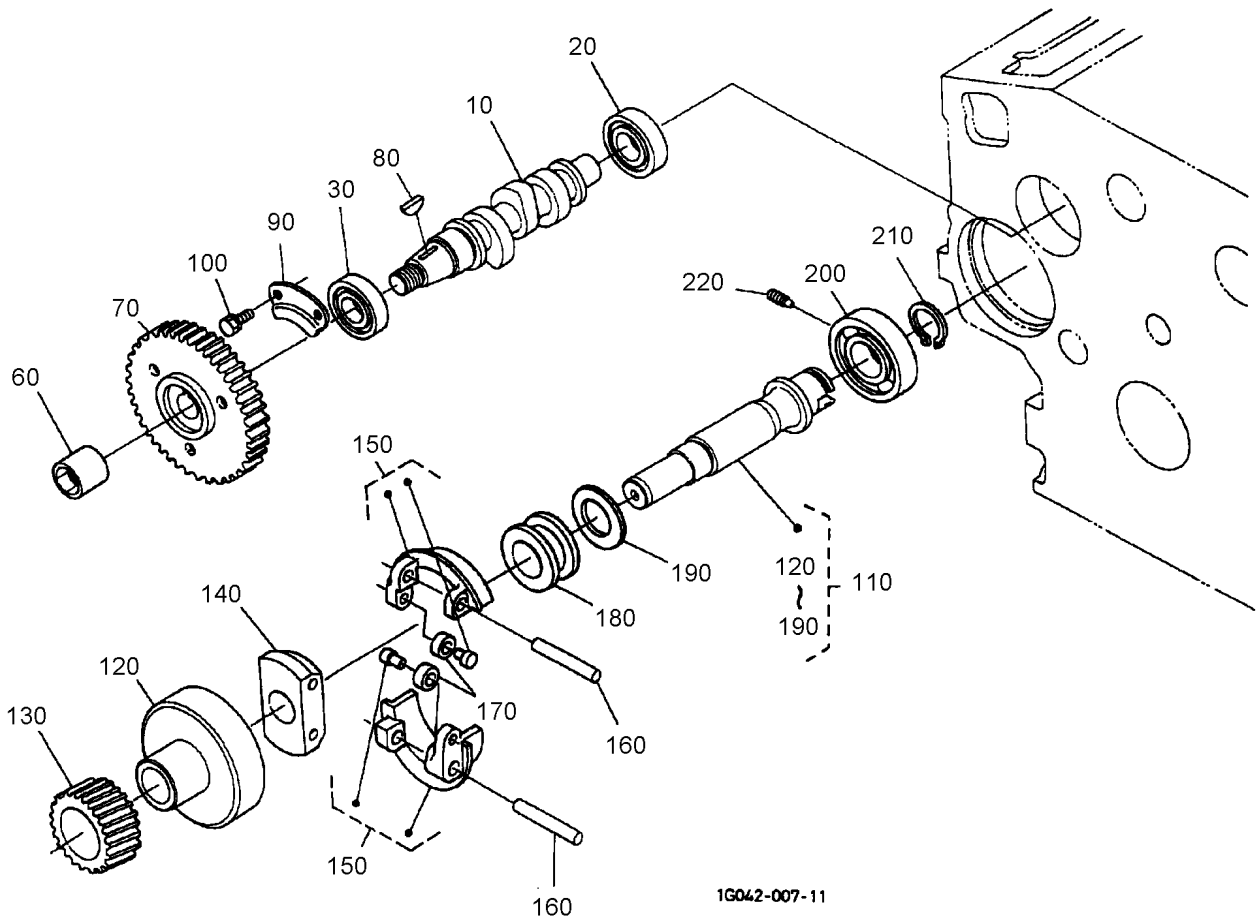
Ref	Part No.	Qty.	Description				
10	98-9616	6	Tappet				
20	98-9509	6	Rod-Push				
25	99-8362	1	Camshaft ASM				
30	108-1403	1	Camshaft				
40	98-7449	1	Screw-Set				
50	98-9512	1	Gear-Cam				
60	98-9378	1	Key-Feather				
70	98-9510	1	Stopper-Camshaft				
80	98-7692	2	Bolt				
90	98-9649	1	Idle Gear ASM				
100	98-9650	1	Bushing-Gear, Idle				
110	98-9535	1	Collar-Gear, Idle				
120	98-9536	1	Collar-Gear, Idle				
130	98-9534	1	Clip-Circular, Idle Gear				
140	98-9533	1	Shaft-Gear, Idle				
150	98-7692	3	Bolt				



Piston and Crankshaft Assembly

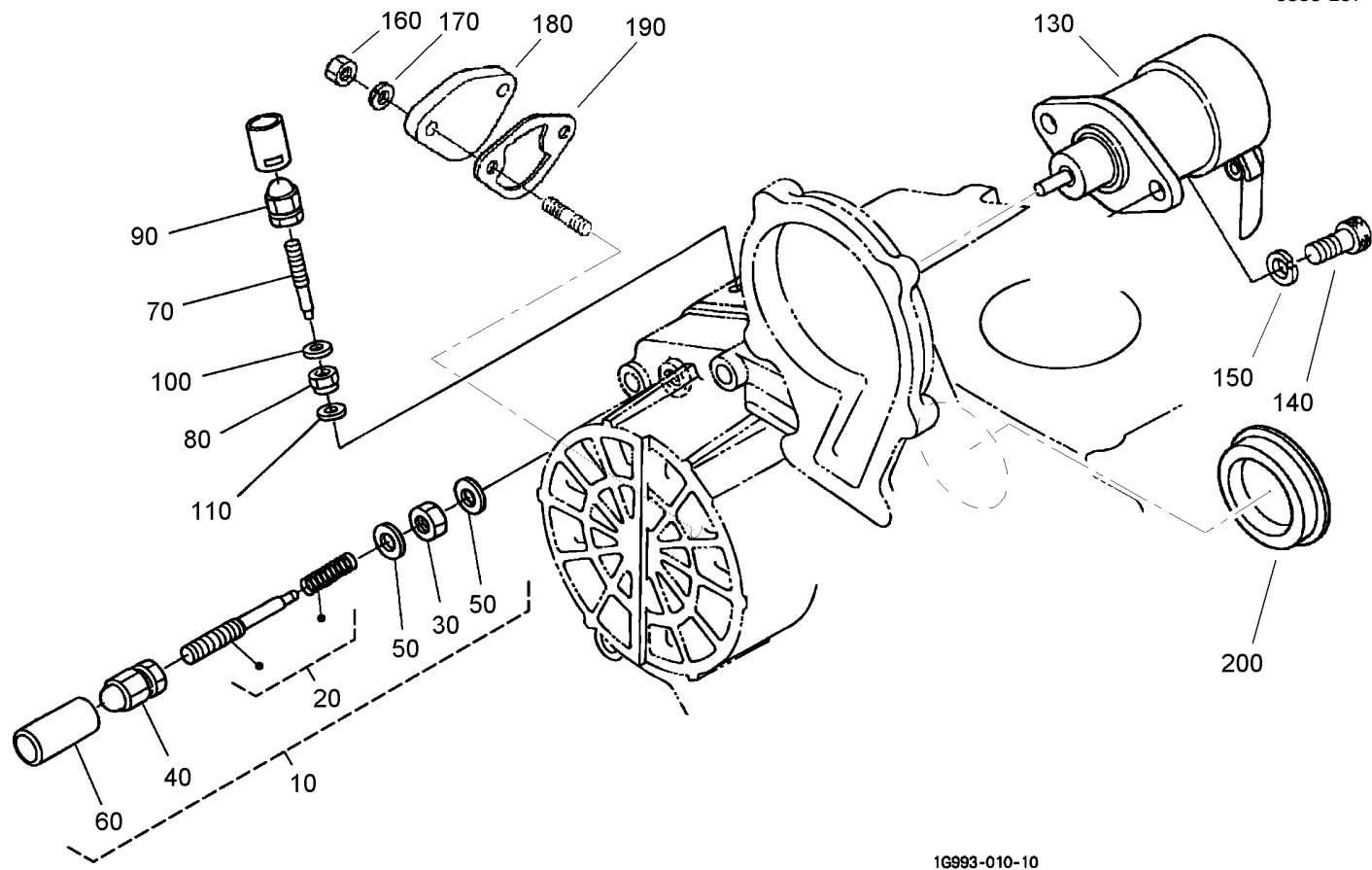
Ref	Part No.	Qty.	Description
10	98-9550	3	Piston (Std)
10	108-1417	3	Piston, 0.5mm
20	108-1404	3	Piston Ring Asm, 0.5mm
20	98-9551	3	Piston Ring ASM (Std)
30	98-9513	3	Pin-Piston
40	98-9514	6	Clip-Circular, Piston Pin
50	98-9552	3	Connecting Rod ASM
60	98-9515	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, Connecting
80	108-1406	3	Metal-Crankpin, -0.4mm
80	108-1405	3	Metal-Crankpin, -0.2mm
80	98-9553	3	Bearing-Rod (Std)
90	98-9642	1	Crankshaft ASM
100	98-7473	3	Ball
110	98-9532	1	Gear-Crankshaft
120	98-9666	1	Key
130	98-9542	1	Gear-Drive, Oil Pump
140	98-9522	1	Sleeve-Crankshaft
150	98-9521	1	Collar-Crankshaft
160	105-3783	1	O-Ring
170	98-9554	1	Bearing-Main (Std)
170	108-1407	1	Metal-Crankpin, -0.2mm
170	108-1408	1	Metal-Crankpin, -0.4mm
180	98-9555	2	Bearing-Main (Std)

Ref	Part No.	Qty.	Description
180	108-1409	2	Metal-Crankpin, -0.2mm
180	108-1410	2	Metal-Crankpin, -0.4mm
190	98-9556	1	Bearing-Main (Std)
190	105-3719	1	Metal-Crankshaft (.2mm)
190	105-3720	1	Metal-Crankshaft (.4mm)
200	98-9413	2	Bearing-Thrust (Std)
200	98-9414	2	Bearing-Thrust (0.2mm)
200	98-9415	2	Bearing-Thrust (0.4mm)
210	98-9688	2	Bearing-Thrust (Std)
210	98-9689	2	Bearing-Thrust (0.2mm)
210	98-9690	2	Bearing-Thrust (0.4mm)



Fuel Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description				
10	98-9459	1	Camshaft-Fuel				
20	107-9077	1	Bearing-Ball				
30	107-9078	1	Bearing-Ball				
60	98-9590	1	Nut-Cap				
70	98-9669	1	Gear-Pump, Injection				
80	98-9595	1	Key-Woodruff				
90	98-9511	1	Stopper-Fuel, Camshaft				
100	98-7692	2	Bolt				
110	98-9644	1	Governor Shaft ASM				
120	98-9562	1	Holder-Gear, Governor				
130	98-9673	1	Gear-Governor				
140	98-9561	1	Holder-Weight, Governor				
150	98-9559	2	Governor Weight ASM				
160	98-9560	2	Shaft-Weight, Governor				
170	98-9692	2	Roller				
180	98-9563	1	Sleeve-Governor				
190	98-9564	1	Washer-Thrust				
200	107-9079	1	Bearing-Ball				
210	98-9657	1	Clip-Circular, Governor Shaft				
220	98-9565	1	Screw-Set				

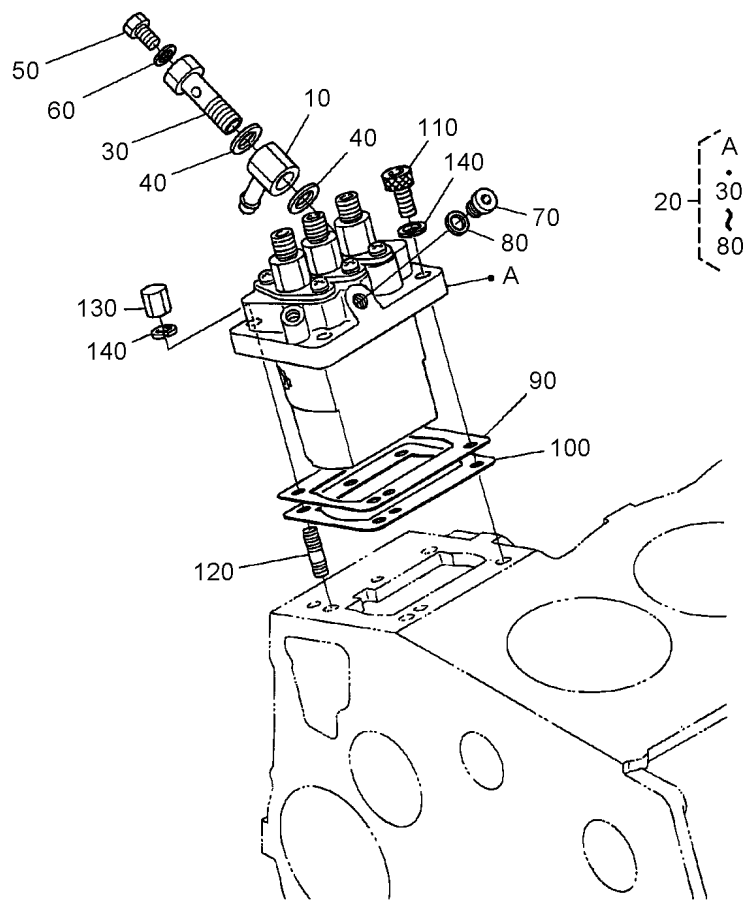


1G993-010-10

Idle Apparatus Assembly

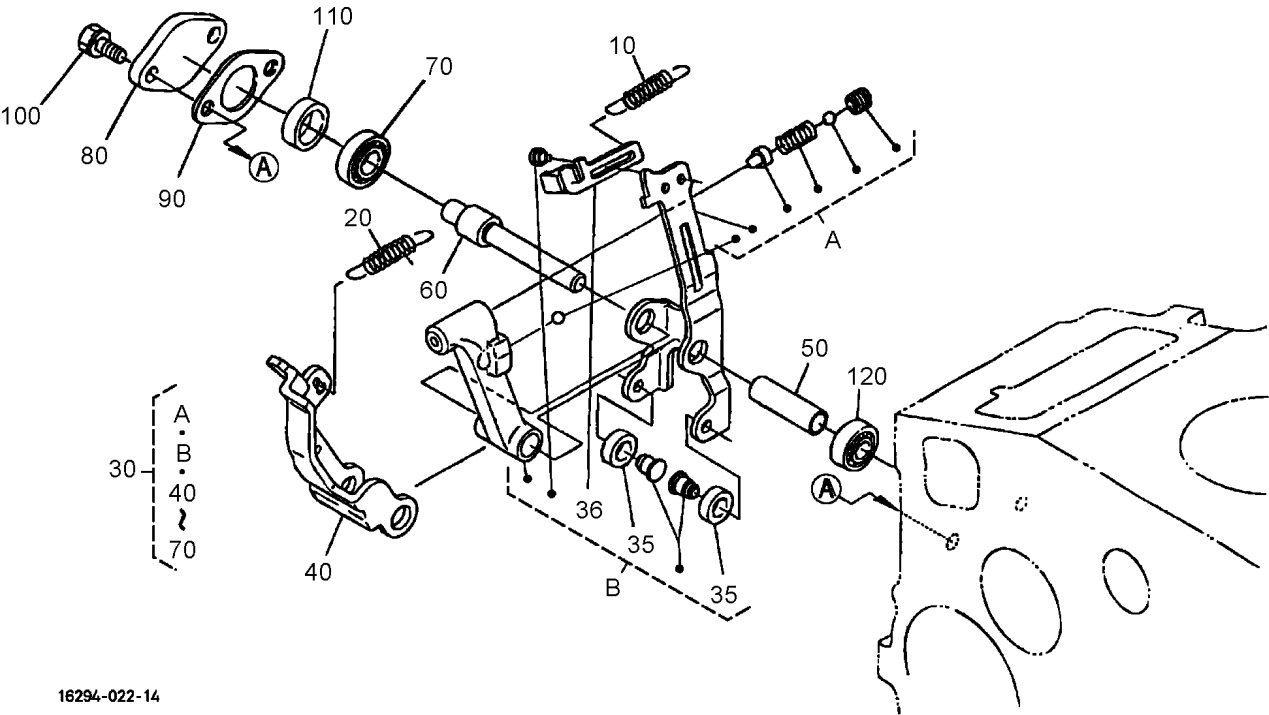
Ref	Part No.	Qty.	Description				
10	98-9678	1	Idle Apparatus ASM				
20	98-9679	1	Adjusting Bolt ASM				
30	98-9439	1	Nut				
40	99-8387	1	Nut-Cap				
50	98-7654	2	Gasket				
60	98-7656	1	Cap				
70	98-9557	1	Bolt-Adjusting				
80	99-3512	1	Nut				
90	99-8387	1	Nut-Cap				
100	98-7654	1	Gasket				
110	107-9081	1	Gasket				
130	104-5155	1	Solenoid				
140	105-3799	2	Bolt-HSH				
150	98-7699	2	Washer-Spring				
160	98-7572	2	Nut				
170	98-7699	2	Washer-Spring				
180	99-3514	1	Cover				
190	98-9636	1	Gasket-Pump, Fuel				
200	98-9640	1	Cover-Pump				

1G682-016-10



Injection Pump Assembly

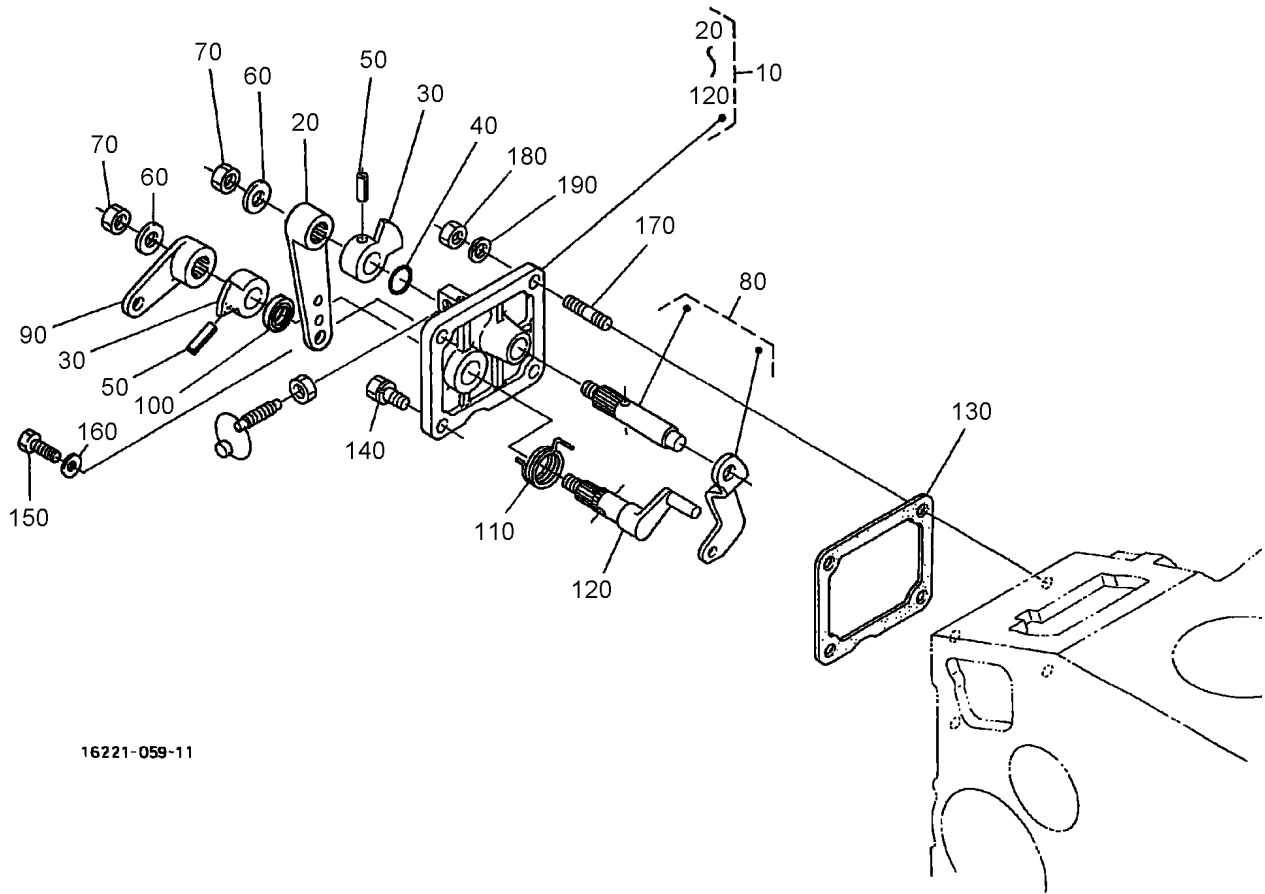
Ref	Part No.	Qty.	Description				
10	98-9596	1	Joint-Eye				
20	98-9643	1	Injection Pump ASM				
30	98-9464	1	Bolt-Joint				
40	98-9445	2	Gasket				
50	98-9430	1	Screw				
60	98-9446	1	Gasket				
70	98-9466	1	Plug				
80	98-9451	1	Gasket				
90	98-9457	1	Shim-Injection (0.25mm)				
90	98-9456	1	Shim (0.2mm)				
100	98-9458	1	Shim-Injection (0.30mm)				
110	98-9361	2	Bolt-HSH				
120	98-9438	2	Stud				
130	98-9440	2	Nut-Cap				
140	98-7699	4	Washer-Spring				



16294-022-14

Governor Assembly

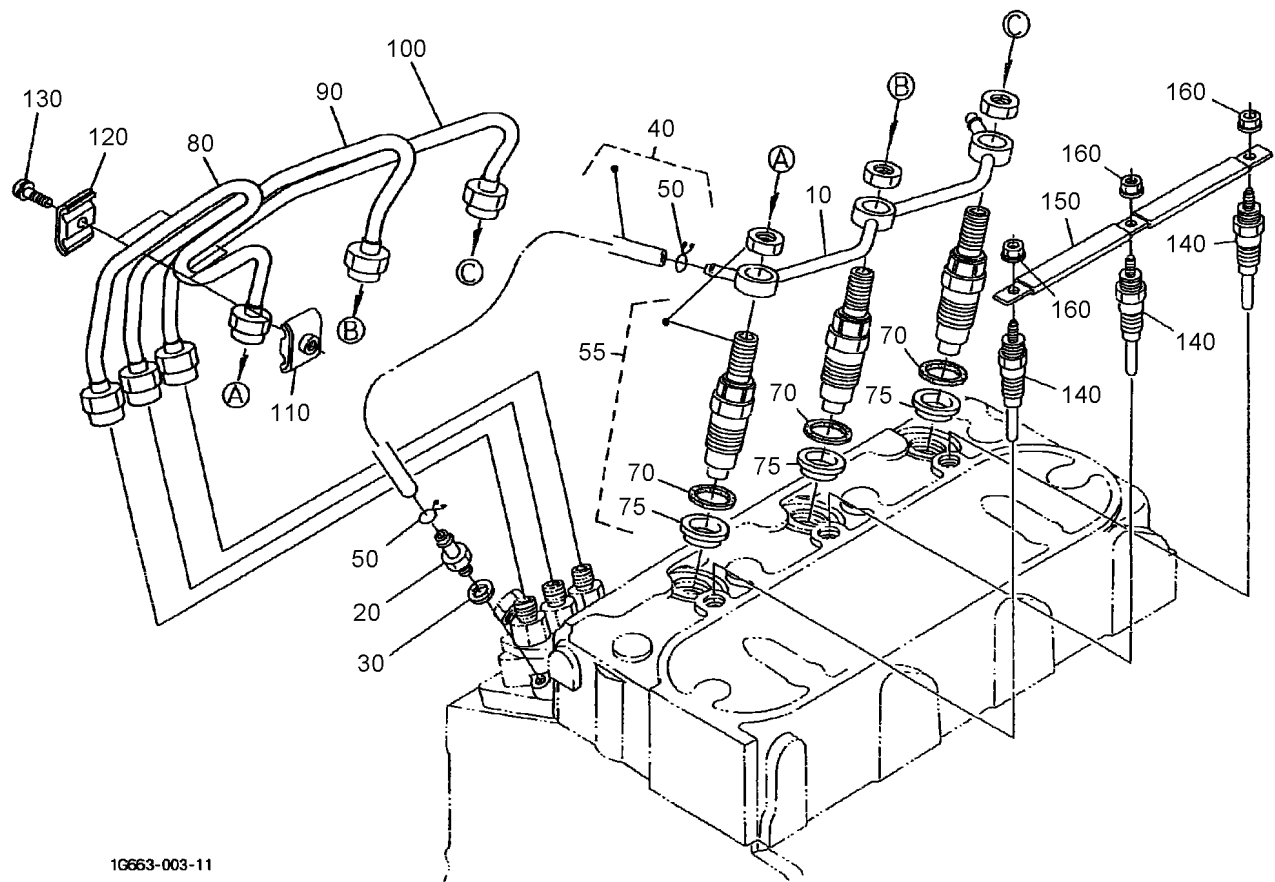
Ref	Part No.	Qty.	Description				
10	105-3786	1	Spring-Start				
20	98-9681	1	Spring-Governor				
30	107-9082	1	Fork Lever ASM				
35	98-9692	2	Roller				
36	107-9083	1	Lever-Thrust				
40	107-9084	1	Lever-Fork				
50	107-9085	1	Shaft-Lever, Fork				
60	107-9086	1	Shaft-Lever, Fork				
70	98-9570	1	Bearing-Miniaturize				
80	98-9569	1	Cover-Shaft, Fork Lever				
90	98-9682	1	Gasket				
100	98-9351	2	Bolt				
110	98-9567	1	Collar				
120	98-9571	1	Bearing-Miniaturize				



16221-059-11

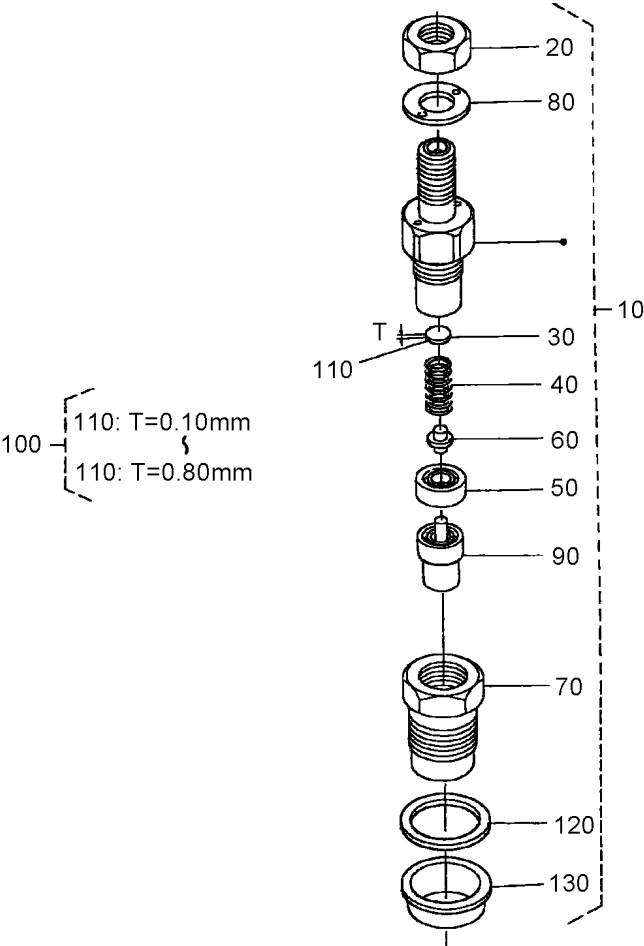
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description				
10	105-3735	1	Control Plate ASM				
20	98-9662	1	Lever-Control, Speed				
30	98-9572	2	Lever-Control, Speed				
40	105-3788	1	O-Ring				
50	98-7602	2	Pin-Spring				
60	98-9594	2	Washer-Plain				
70	98-9589	2	Nut				
80	98-9658	1	Governor Lever ASM				
90	98-9663	1	Lever-Stop, Engine				
100	98-7601	1	Seal-Oil				
110	98-9472	1	Spring-Return				
120	98-9664	1	Shaft-Lever, Stop				
130	98-9637	1	Gasket				
140	98-7692	1	Bolt				
150	99-8348	1	Bolt				
160	98-7654	2	Gasket				
170	105-3710	2	Stud				
180	98-7572	2	Nut				
190	98-7699	2	Washer-Spring				



Nozzle Holder and Glow Plug Assembly

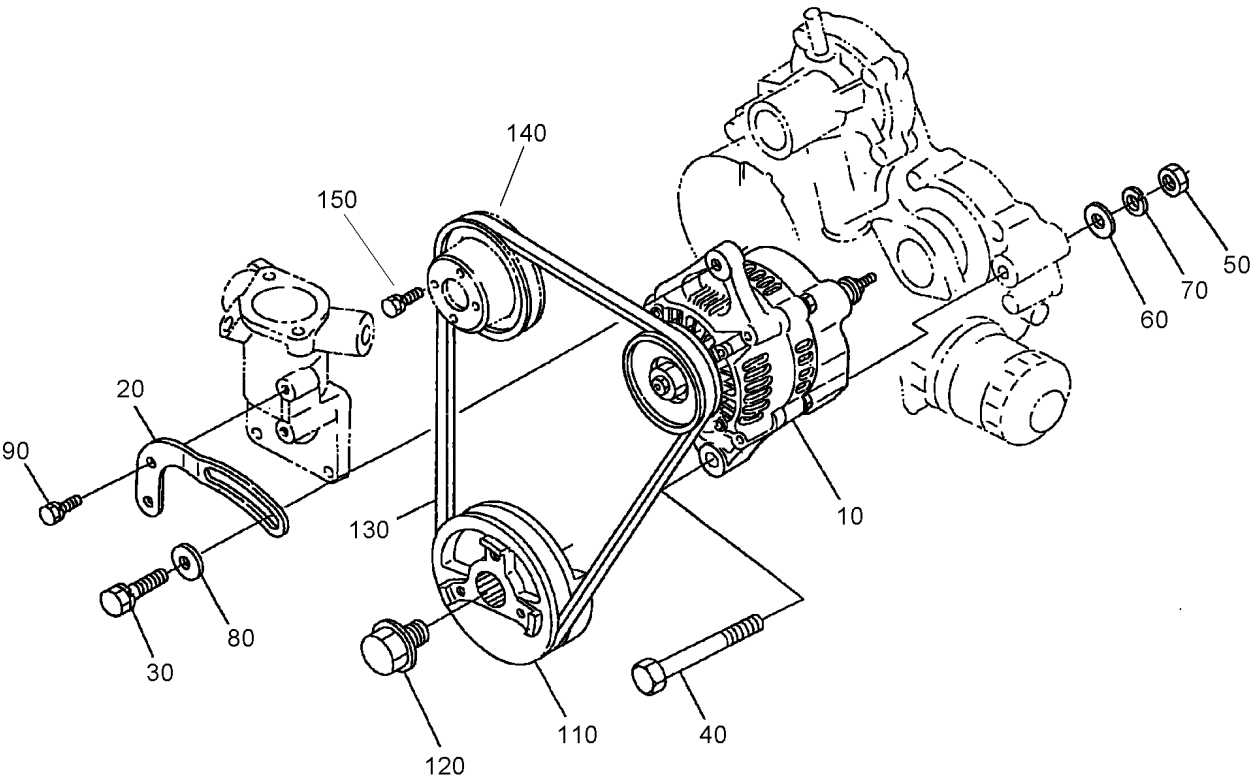
Ref	Part No.	Qty.	Description				
10	98-9621	1	Overflow Pipe ASM				
20	98-9431	1	Screw-Bleeder				
30	98-7654	1	Gasket				
40	98-9624	1	Overflow Pipe ASM				
50	98-7672	2	Clip-Pipe				
55	108-2866	3	Nozzle Holder Kit				
70	98-7676	3	Gasket				
75	98-7677	3	Seal				
80	98-9622	1	Pipe-Injection				
90	98-9654	1	Pipe-Injection				
100	98-9655	1	Pipe-Injection				
110	98-7682	2	Clamp-Pipe				
120	98-7683	2	Clamp-Pipe				
130	98-9364	2	Screw-W/washer				
140	98-9623	3	Plug-Glow				
150	98-9631	3	Cord-Plug, Glow				
160	99-8377	3	Nut-Flange				



1G347-015-10

Nozzle Holder (Component Part) Assembly

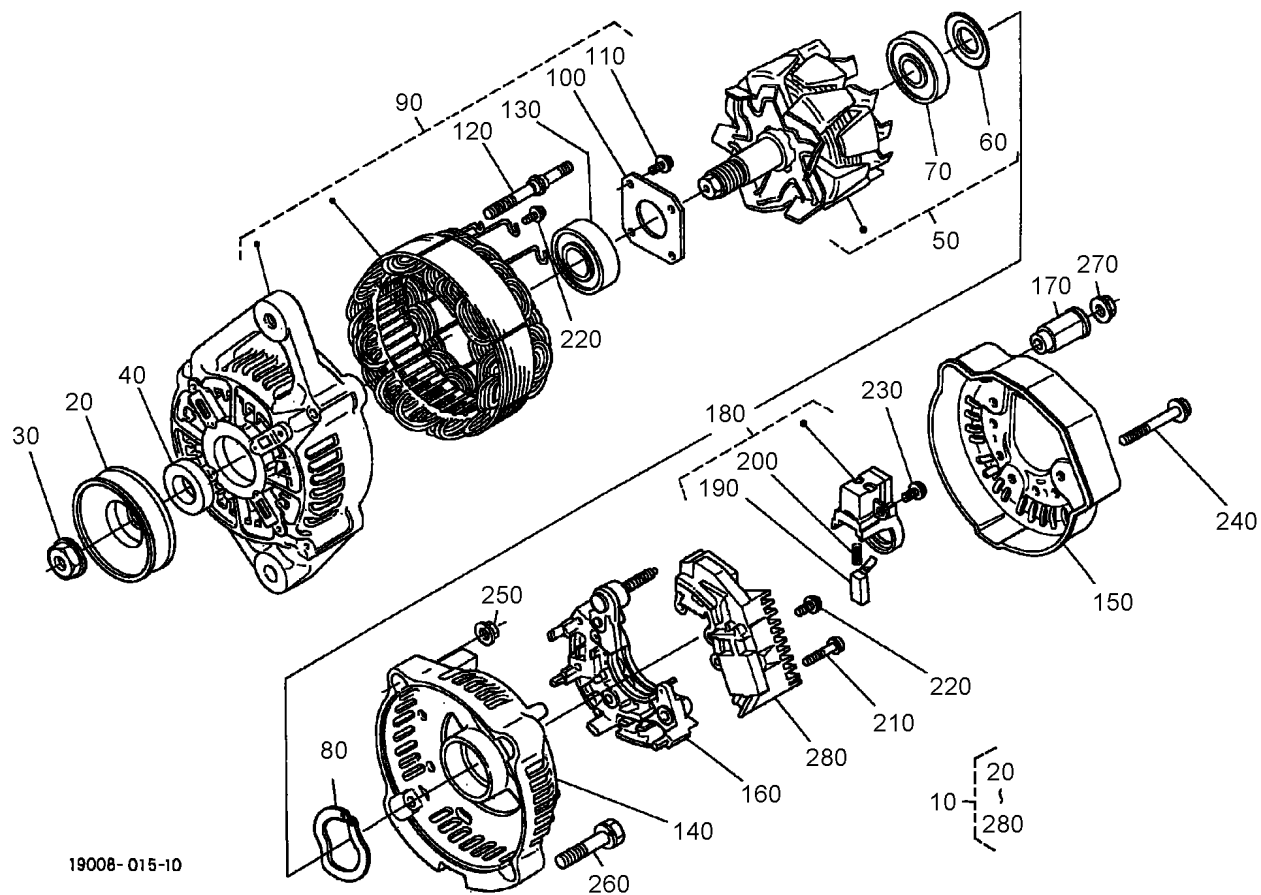
Ref	Part No.	Qty.	Description				
10	108-2866	1	Nozzle Holder Kit				
20	99-8301	3	Nut				
30	99-8302	3	Washer-Adjusting				
40	99-8303	3	Spring-Nozzle				
50	99-8304	3	Spacer-Distance				
60	99-8305	3	Rod-Push				
70	99-8306	3	Nut-Nozzle				
80	99-8307	3	Washer-Plain				
90	99-8308	3	Piece-Nozzle				
100	99-8309	3	Adjusting Washer ASM				
110	99-8310	3	Washer-Adjust (0.10mm)				
110	99-8311	3	Washer-Adjust (0.20mm)				
110	99-8312	3	Washer-Adjust (0.30mm)				
110	99-8313	3	Washer-Adjust (0.40mm)				
110	99-8314	3	Washer-Adjust (0.50mm)				
110	99-8315	3	Washer-Adjust (0.52mm)				
110	99-8316	3	Washer-Adjust (0.54mm)				
110	99-8317	3	Washer-Adjust (0.56mm)				
110	99-8318	3	Washer-Adjust (0.58mm)				
110	99-8319	3	Washer-Adjust (0.80mm)				
120	98-7676	3	Gasket				
130	98-7677	3	Seal				



16299-044-10

Alternator and Pulley Assembly

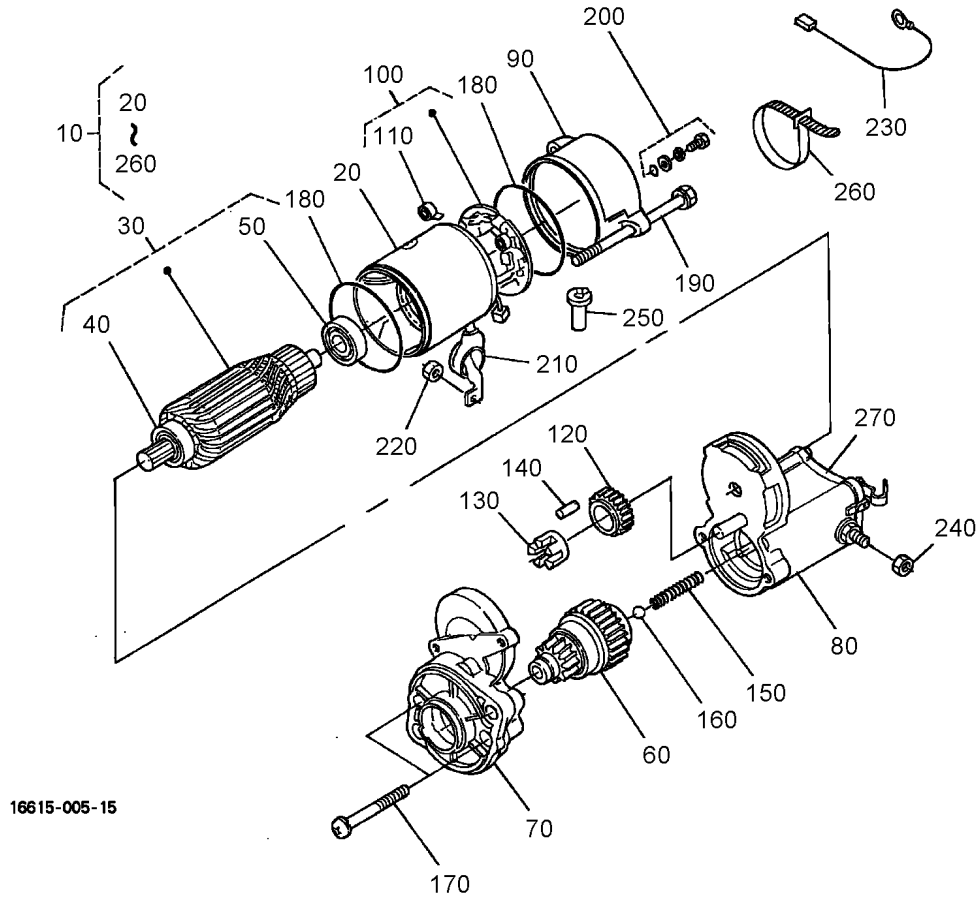
Ref	Part No.	Qty.	Description				
10	98-9474	1	Alternator ASM				
20	98-9573	1	Stay-Dynamo				
30	108-7088	1	Bolt				
40	98-9360	1	Bolt				
50	98-7737	1	Nut				
60	3256-24	1	Washer-Flat				
70	98-7738	1	Washer-Spring				
80	100-9233	1	Washer-Plain				
90	98-7692	1	Bolt				
110	98-9473	1	Pulley-Drive, Fan				
120	98-9585	1	Bolt				
130	98-9676	1	V-Belt				
140	98-9584	1	Pulley-Fan				
150	99-8363	1	Bolt-Flange				



Alternator (Component Part) Assembly

Ref	Part No.	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	107-0137	1	Bearing-Ball
140	107-9087	1	Frame-End
150	107-0140	1	Cover-End
160	98-9476	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Holder-Brush
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt

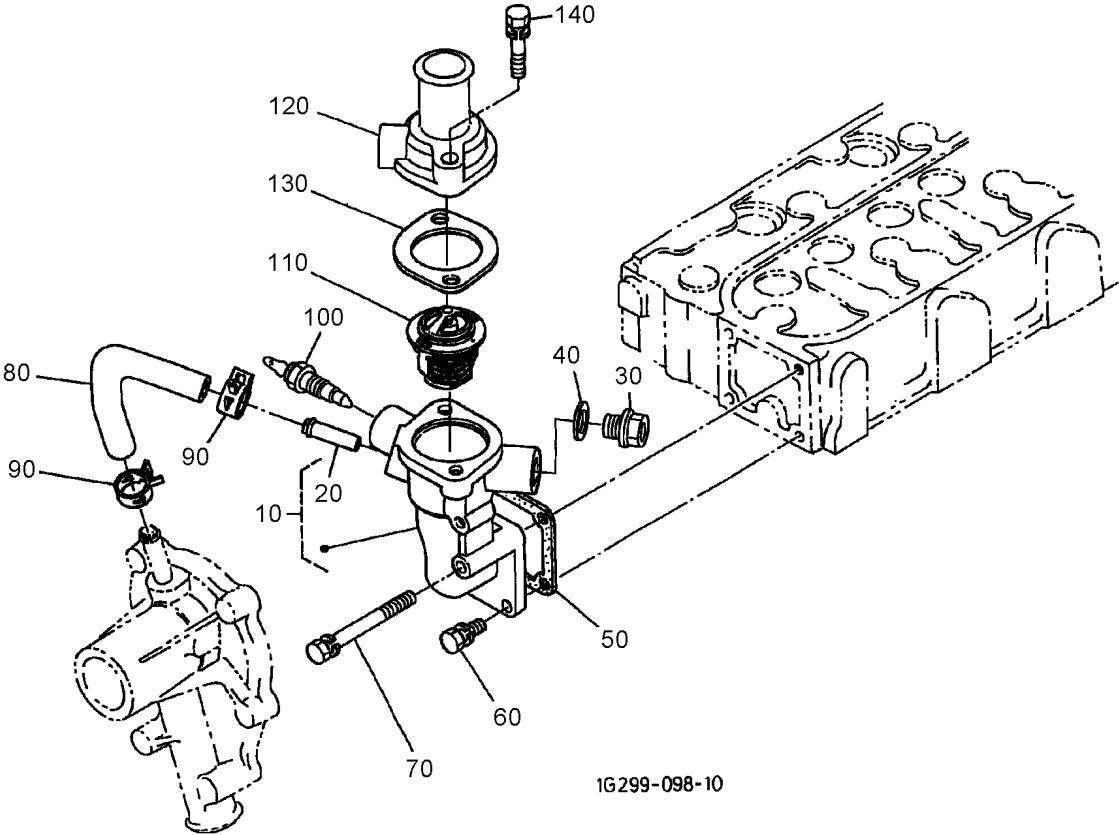
Ref	Part No.	Qty.	Description
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	107-9088	1	Regulator ASM



Starter (Component Part) Assembly

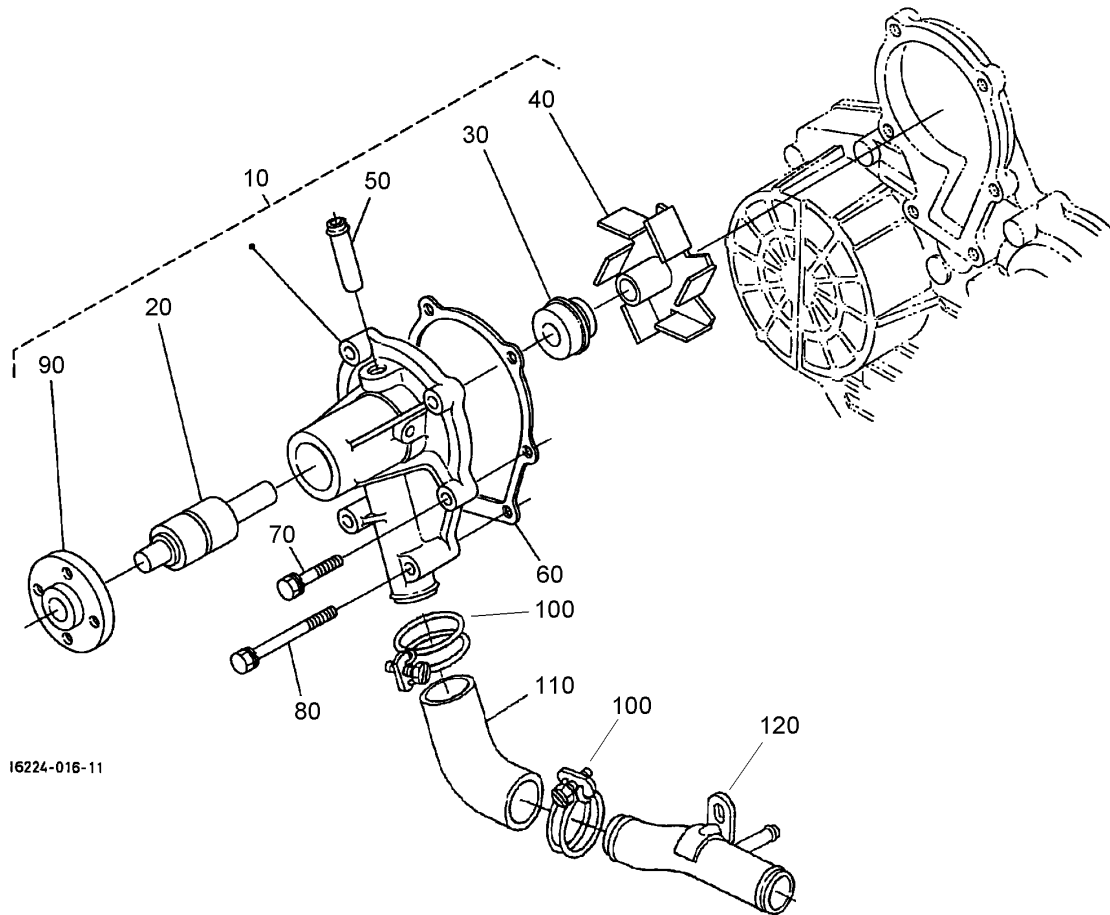
Ref	Part No.	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear
130	98-7752	1	Retainer
140	98-7753	5	Roller
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex

Ref	Part No.	Qty.	Description
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM



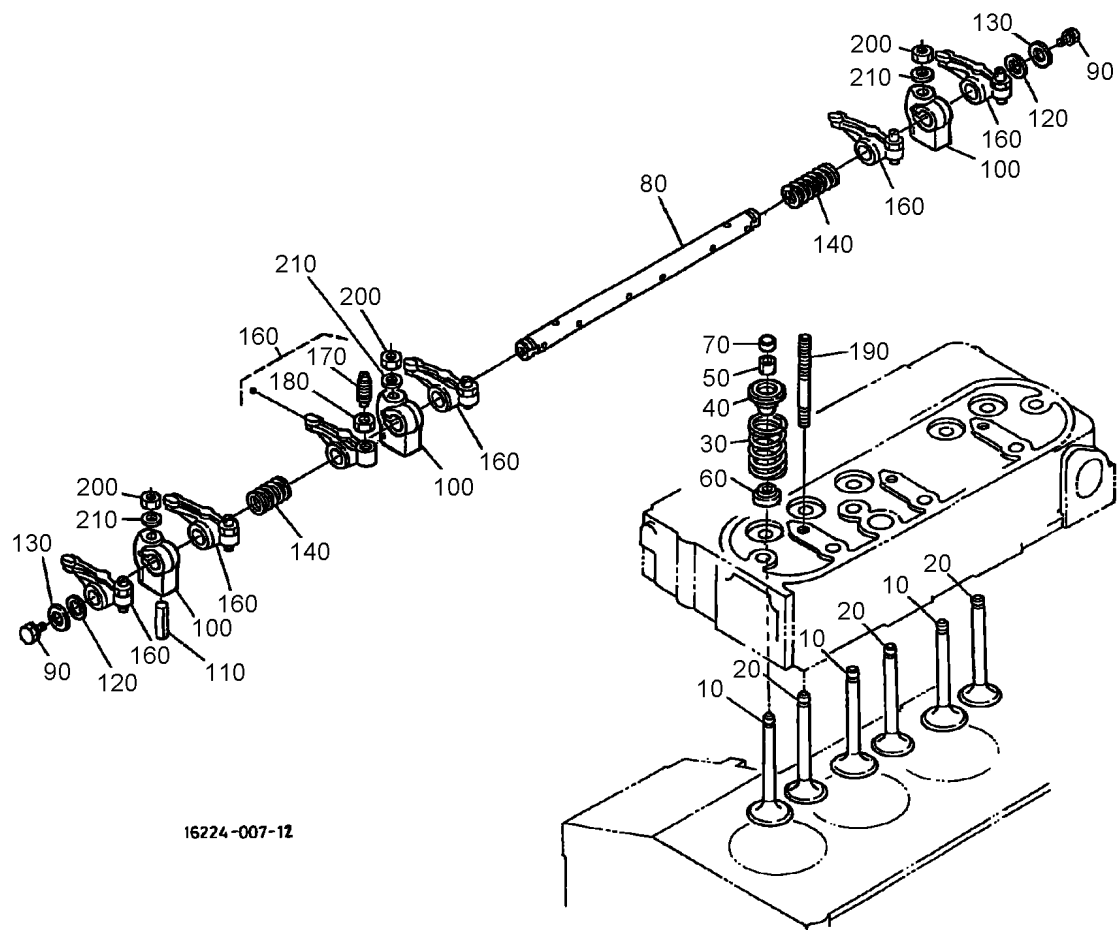
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description				
10	98-9713	1	Water Flange ASM				
20	98-9580	1	Pipe-Return, Water				
30	105-3747	1	Plug				
40	99-3583	1	Packing				
50	98-9638	1	Gasket-Flange, Water				
60	98-7692	3	Bolt				
70	98-9356	1	Bolt				
80	98-9578	1	Pipe-Return, Water				
90	98-9579	2	Band-Pipe				
100	98-9719	1	Thermoswitch				
110	98-7778	1	Thermostat ASM				
120	98-9471	1	Cover-Thermostat				
130	105-3748	1	Gasket-Thermostat				
140	98-7777	2	Bolt				



Water Pump and Water Pipe Assembly

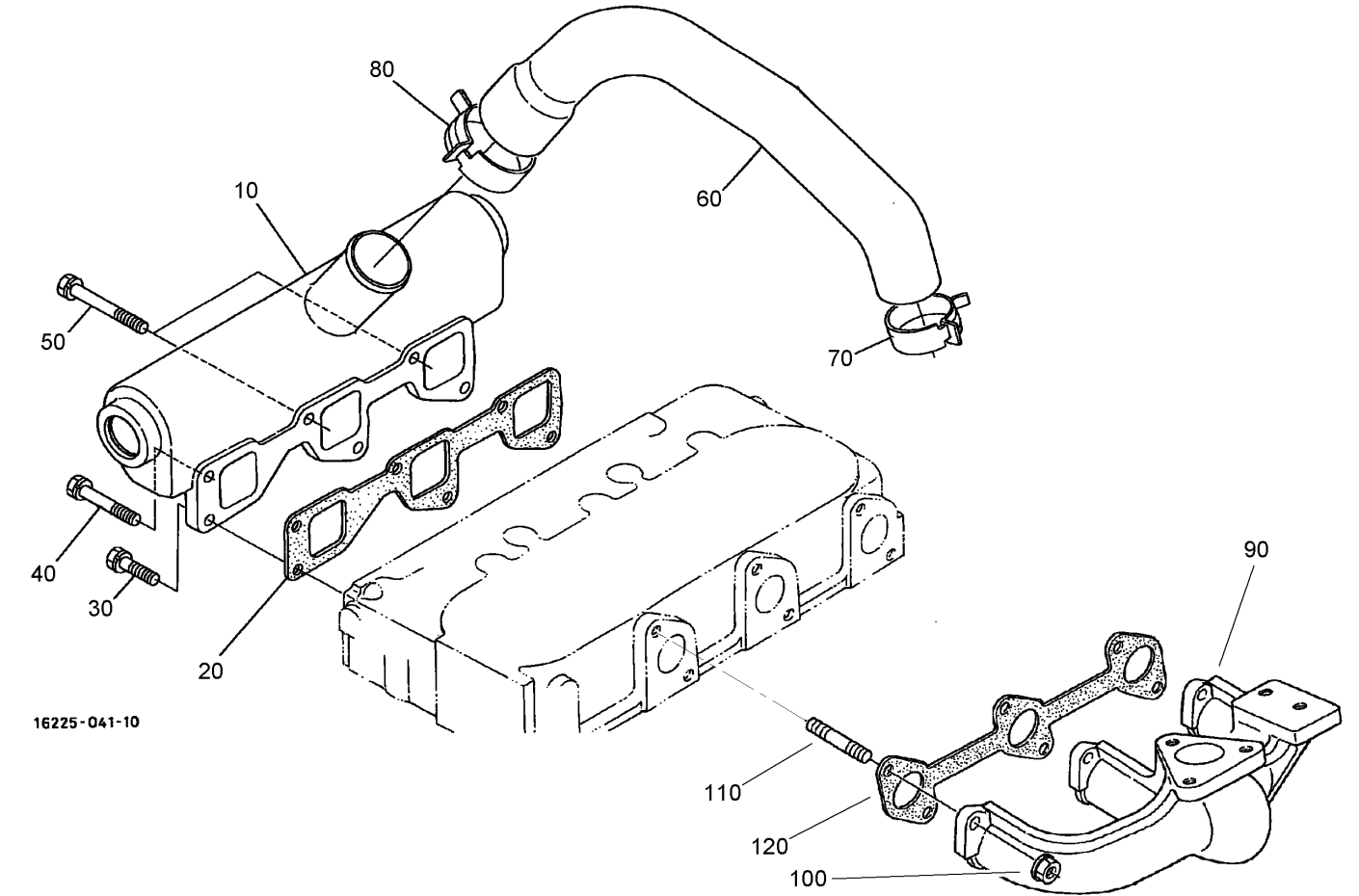
Ref	Part No.	Qty.	Description				
10	107-9089	1	Water Pump ASM				
20	99-3517	1	Bearing-Pump, Water				
30	105-3750	1	Mechanical Seal ASM				
40	99-3519	1	Impeller-Pump, Water				
50	98-9577	1	Pipe-Return, Water				
60	99-3454	1	Gasket-Pump, Water				
70	98-9353	4	Bolt				
80	107-9090	2	Bolt				
90	99-3516	4	Flange-Pump, Water				
100	98-9717	2	Clamp				
110	107-9091	1	Pipe-Water				
120	99-8379	1	Pipe-Water				



16224-007-12

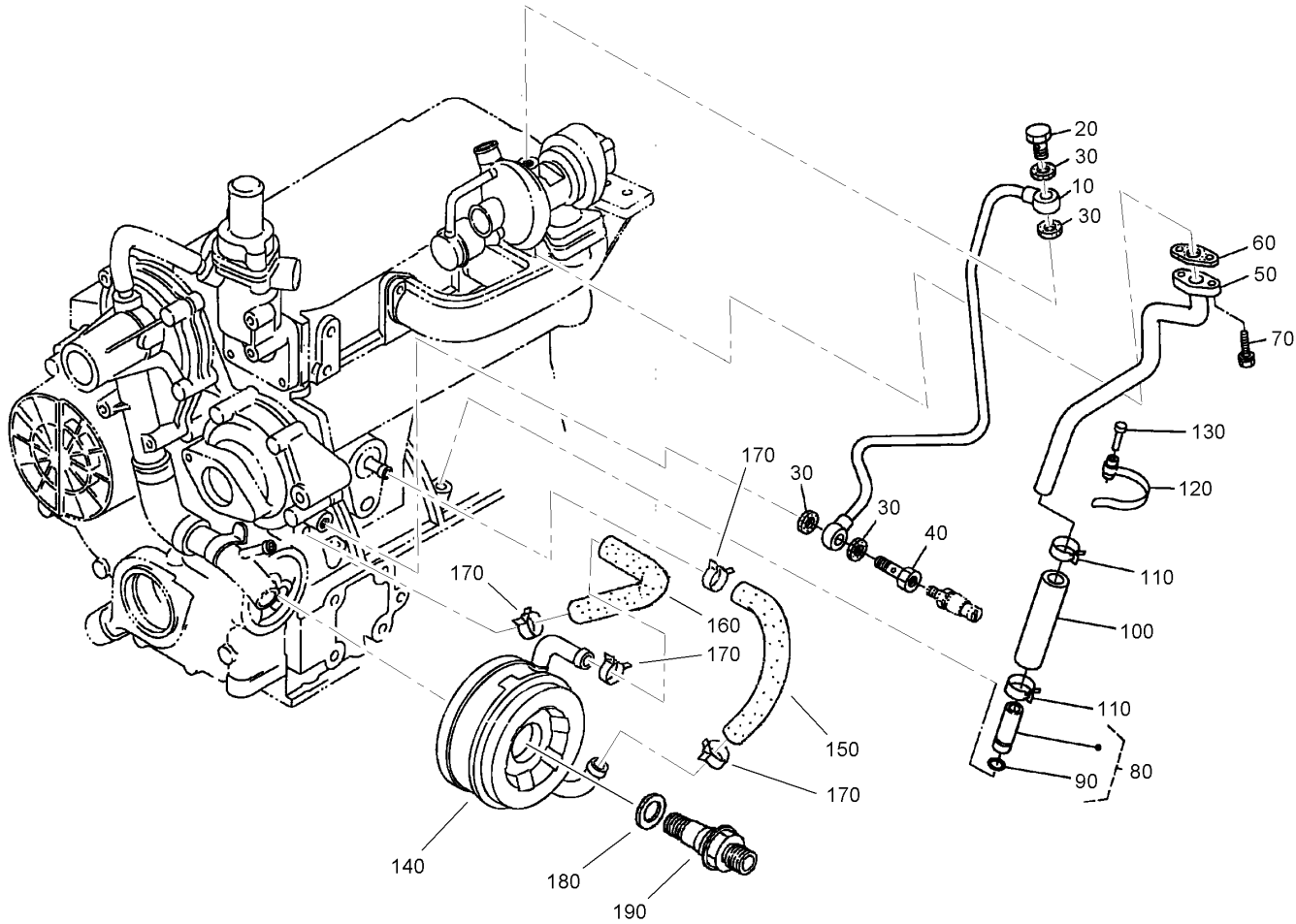
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
10	98-9494	3	Valve-Inlet				
20	98-9625	3	Valve-Exhaust				
30	98-9626	6	Spring-Valve				
40	107-9092	6	Retainer-Spring				
50	98-9390	6	Collet-Set, Valve Spring				
60	99-8385	6	Seat-Stem, Valve				
70	98-9497	6	Cap-Valve				
80	105-3790	1	R-Arm Shaft ASM				
90	100-9265	2	Bolt				
100	98-9505	3	Bracket-Arm, Rocker				
110	105-3758	1	Pin-Spring				
120	98-9507	2	Washer-Shaft, R-Arm				
130	3256-1	2	Washer-Flat				
140	98-9504	2	Spring-Arm, Rocker				
160	98-9501	6	Rocker Arm ASM				
170	98-9502	6	Screw-Adjusting				
180	98-9503	6	Nut				
190	98-9506	3	Stud				
200	98-9393	3	Nut				
210	98-9385	3	Washer-Flat				



Inlet and Exhaust Manifold Assembly

Ref	Part No.	Qty.	Description				
10	99-8321	1	Manifold-Inlet				
20	99-8329	1	Gasket-Manifold, Intake				
30	98-7568	3	Bolt				
40	107-9073	1	Bolt				
50	99-8320	2	Bolt				
60	99-8323	1	Hose-Inlet				
70	99-8324	1	Band-Pipe				
80	99-8322	1	Band-Pipe				
90	108-1411	1	Manifold-Exhaust				
100	98-9665	6	Nut				
110	98-9588	6	Stud				
120	98-9610	1	Gasket				



Oil Pipe (Turbo Charger) and Oil Cooler Assembly

Ref	Part No.	Qty.	Description				
10	98-9419	1	Oil Pipe ASM				
20	98-9418	1	Bolt-Joint, Eye				
30	99-8346	4	Gasket				
40	98-9417	1	Bolt-Joint, Eye				
50	98-9461	1	Pipe Line ASM				
60	98-9435	1	Gasket-Oil Return, Turbo				
70	98-7605	2	Bolt				
80	99-8383	1	Oil Pipe ASM				
90	98-9374	1	O-Ring				
100	98-9721	1	Pipe-Oil				
110	98-9714	2	Clamp-Hose				
120	98-9601	1	Clamp-Pipe				
130	98-9591	1	Pin-Band				
140	104-5158	1	Oil Cooler ASM				
150	98-9724	1	Pipe-Cooler, Oil				
160	98-9578	1	Pipe-Return, Water				
170	98-9579	4	Band-Pipe				
180	98-9727	1	Collar				
190	104-5159	1	Holder ASM				

