Form Number 3351-457

Reelmaster® 5500-D 2-Wheel Drive

Model No. 03550 - 240000001 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

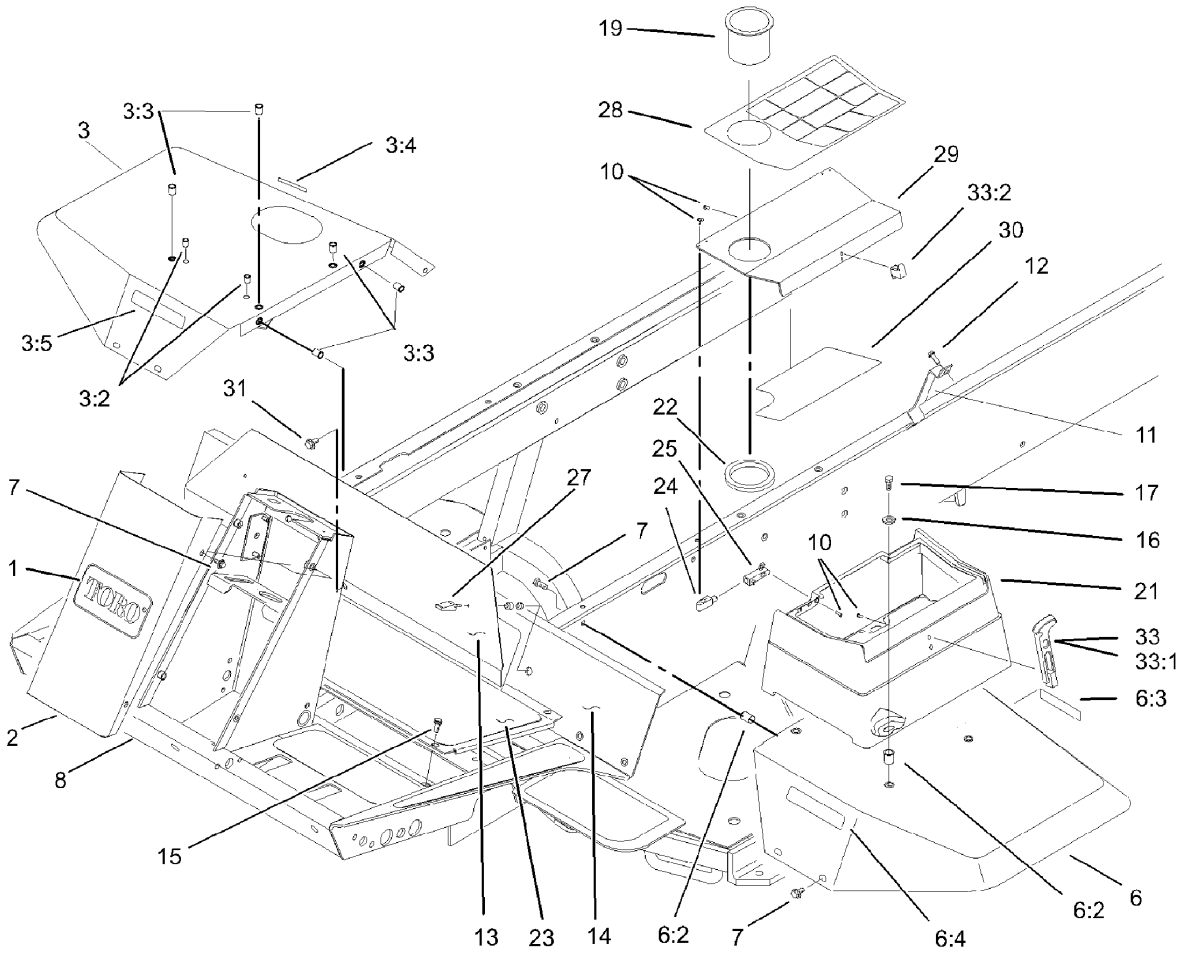
Footnotes

❶ Not illustrated

❷ Not serviced separately

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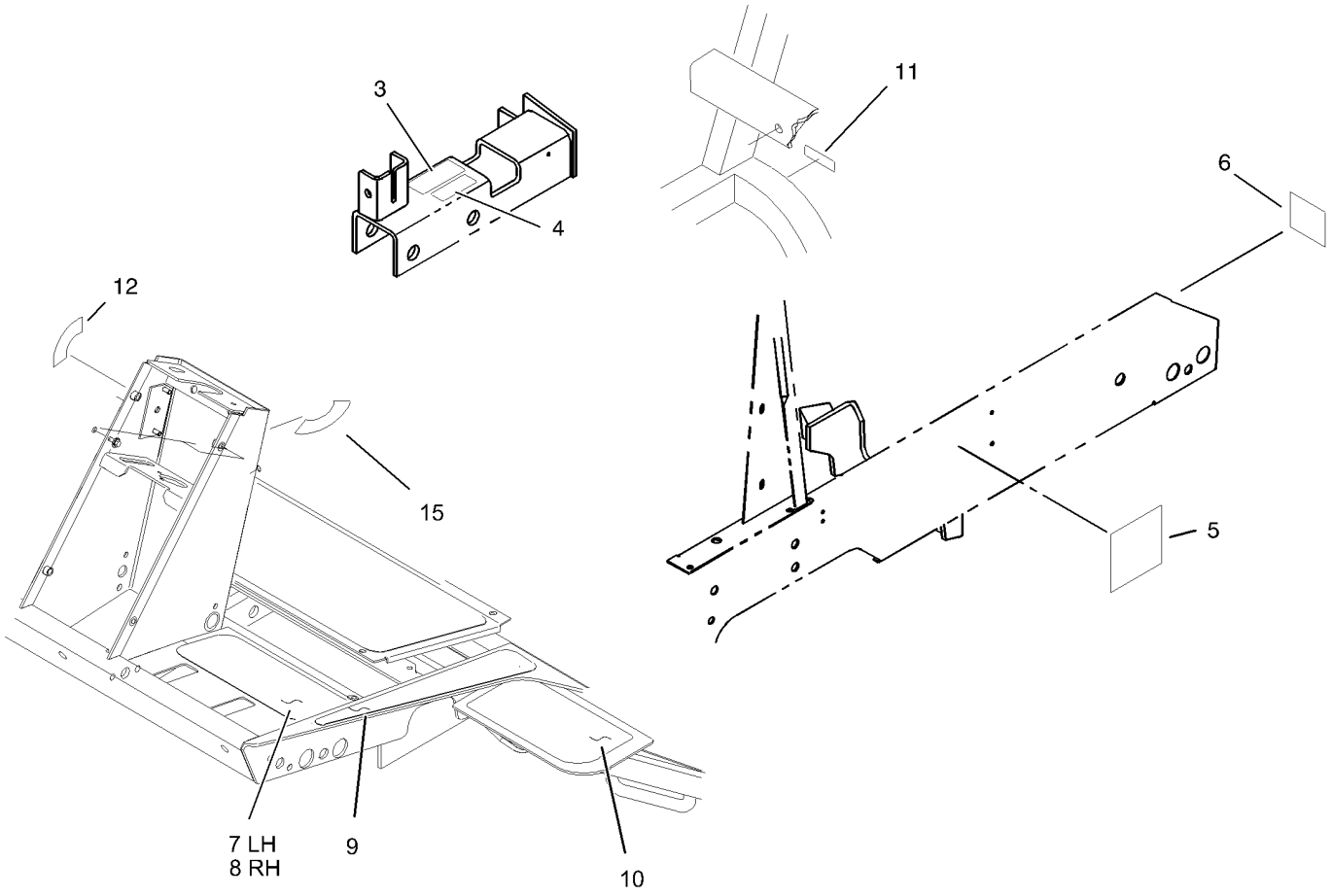
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Frame and Body Assembly

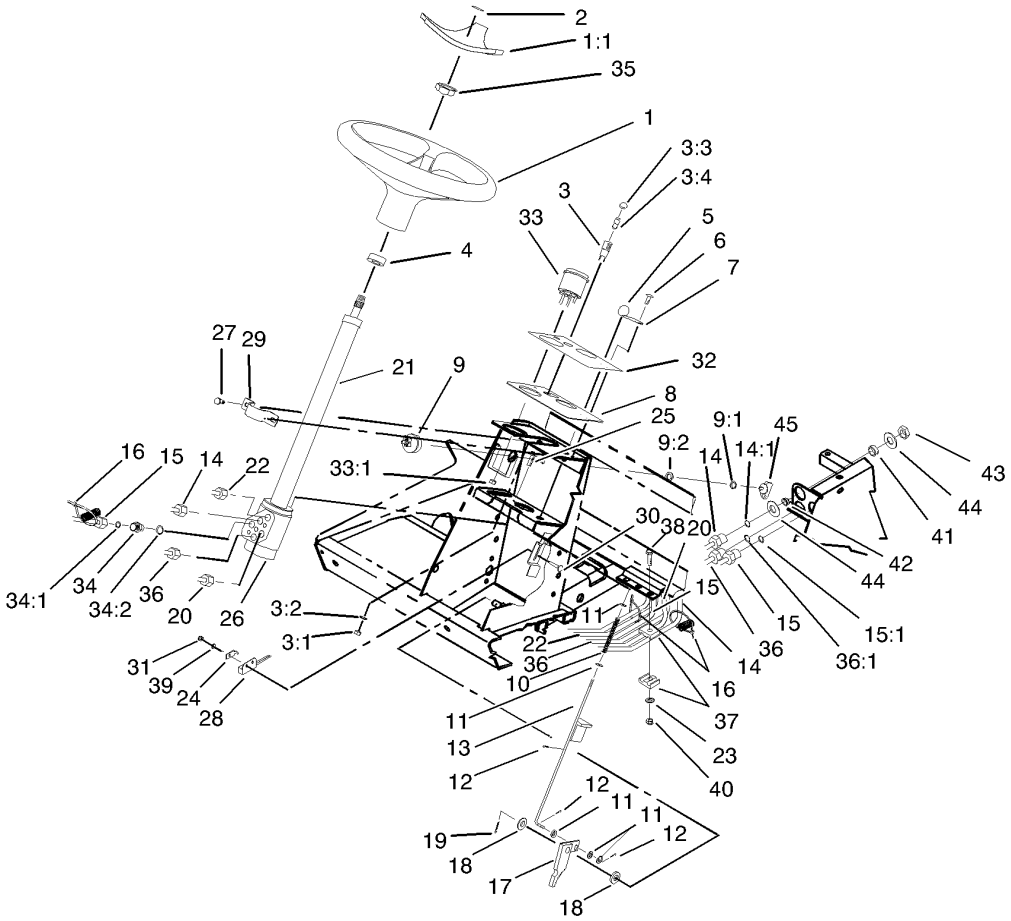
Ref	Part No.	Qty.	Description
1	62-5550	1	Decal
2	93-7996-01	1	Cover-Tower
3	106-5950	1	RH Fender ASM
3:2	32148-6	2	Insert-Nut
3:3	32148-7	5	Insert-Nut
3:4	93-6686	1	Decal-Oil, HYD
3:5	93-6689	1	Decal-No Riders
6	106-5951	1	LH Fender ASM
6:2	32148-7	6	Insert-Nut
6:3	93-6680	1	Decal-Diesel
6:4	93-6689	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	107-8841	1	Decal-Service
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



Frame Assembly No. 107-2385

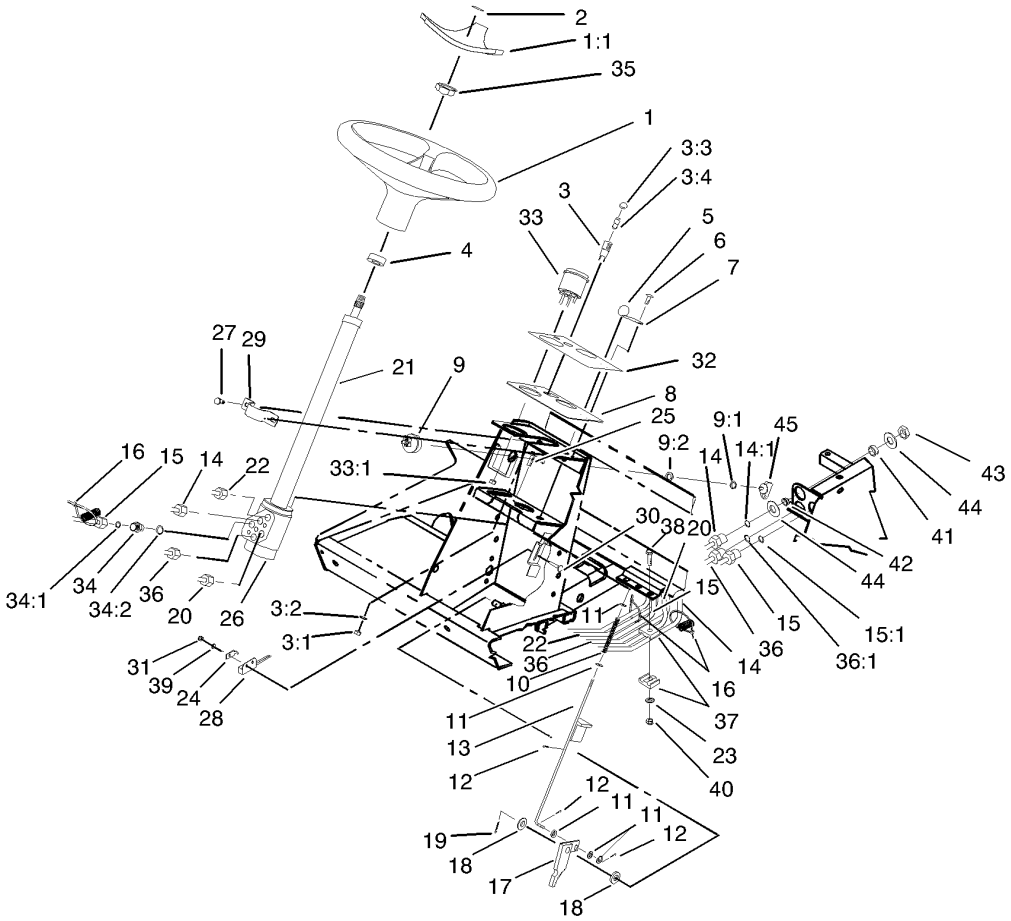
Ref	Part No.	Qty.	Description
3	93-6693	1	Decal-Plate, Floor
4	93-6686	1	Decal-Oil, HYD
5	104-0049	2	Cover-Rail, Side
6	62-7400	1	Decal
7	75-0620	1	Tread-Foot, LH
8	75-0610	1	Tread-Foot, RH
9	93-7592	2	Tread-Rest, Foot
10	104-0048	1	Tread-Step
11	93-6691	1	Decal-Bolt, Eccentric
12	93-6699	1	Decal-Fast/slow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



Steering Tower Assembly

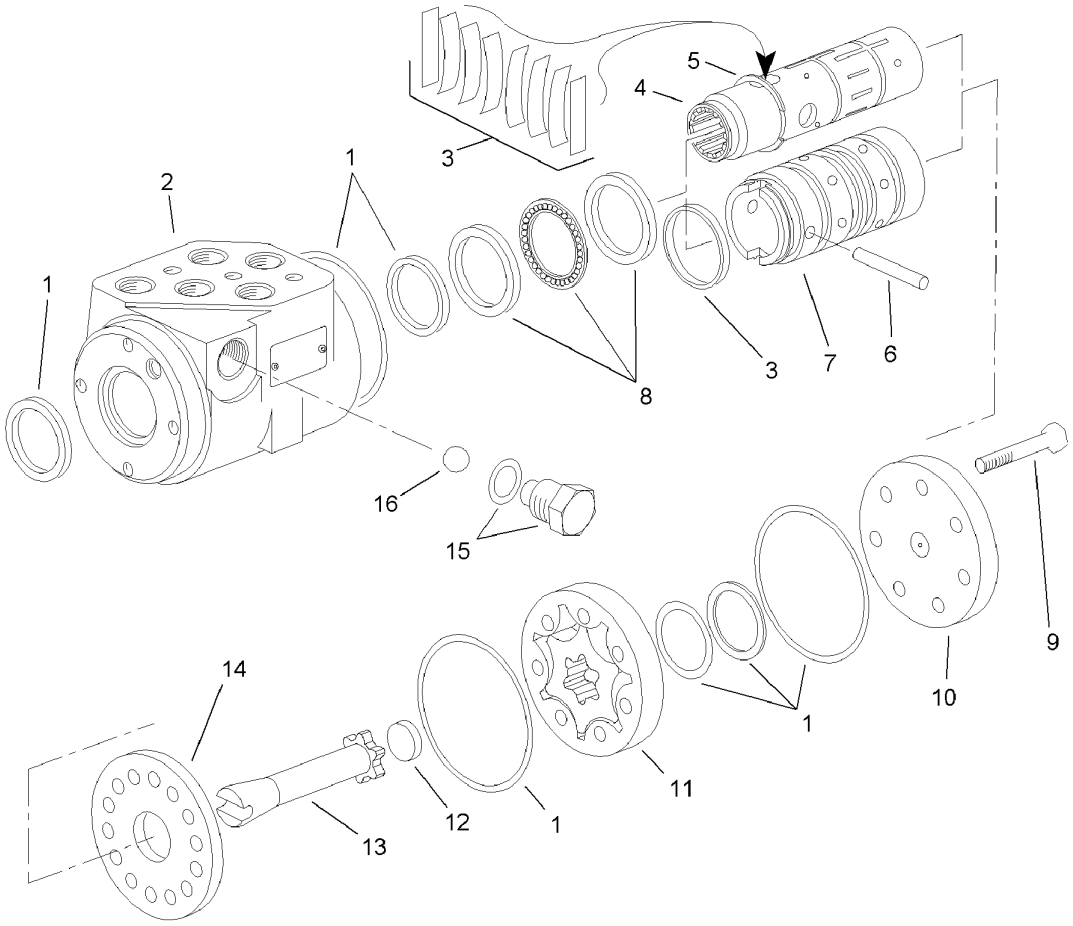
Ref	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	98-1459	1	Decal
3	44-2210	1	Light-Indicator, Red
3:1	218-535	1	Nut-Hex
3:2	218-536	1	Washer-Lock
3:3	218-533	1	Lens
❷3:4		1	Bulb
4	21-9260	1	Cover-Dust
5	233-17	1	Knob
6	87-6620	2	Screw
7	3256-1	2	Washer-Flat
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



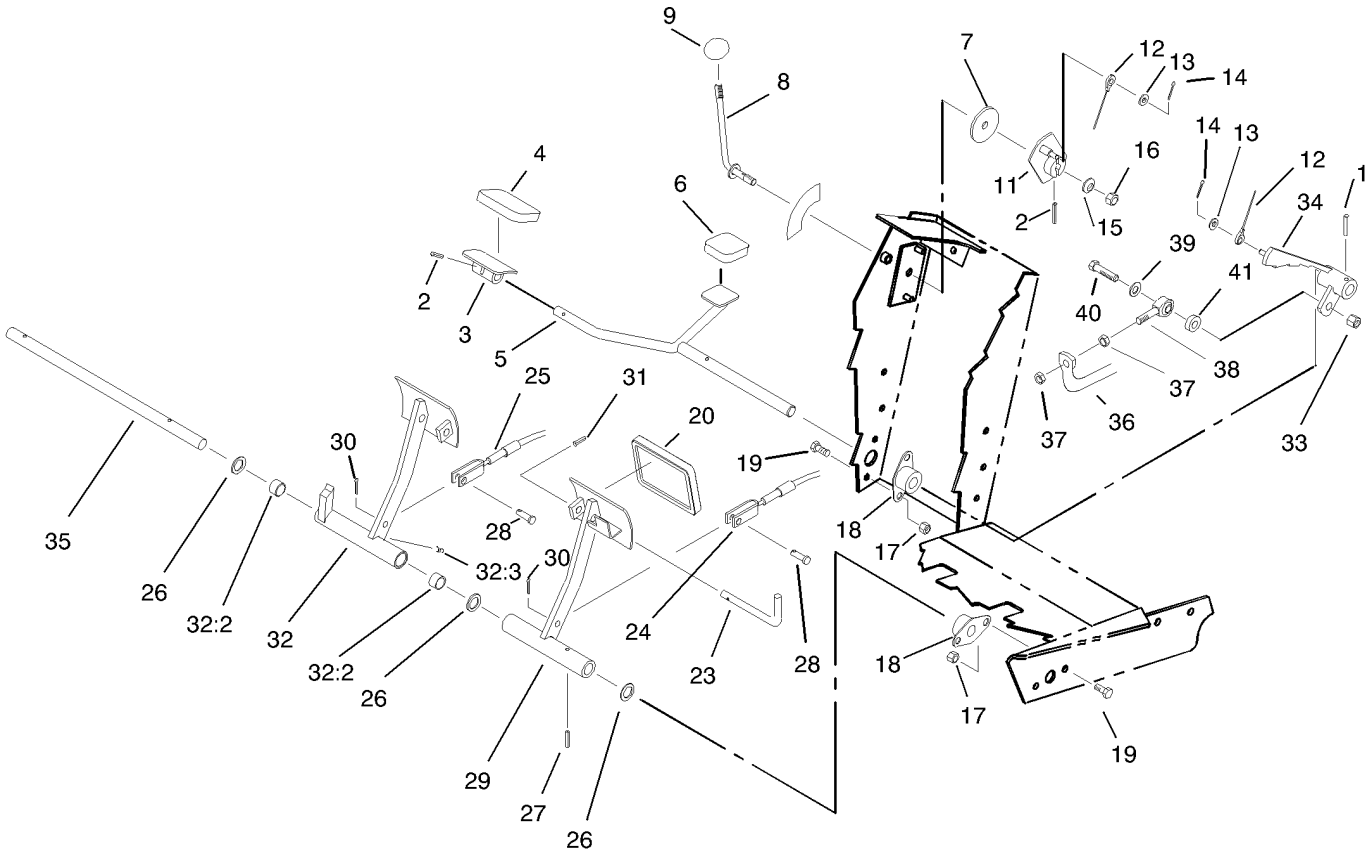
Steering Tower Assembly (continued)

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

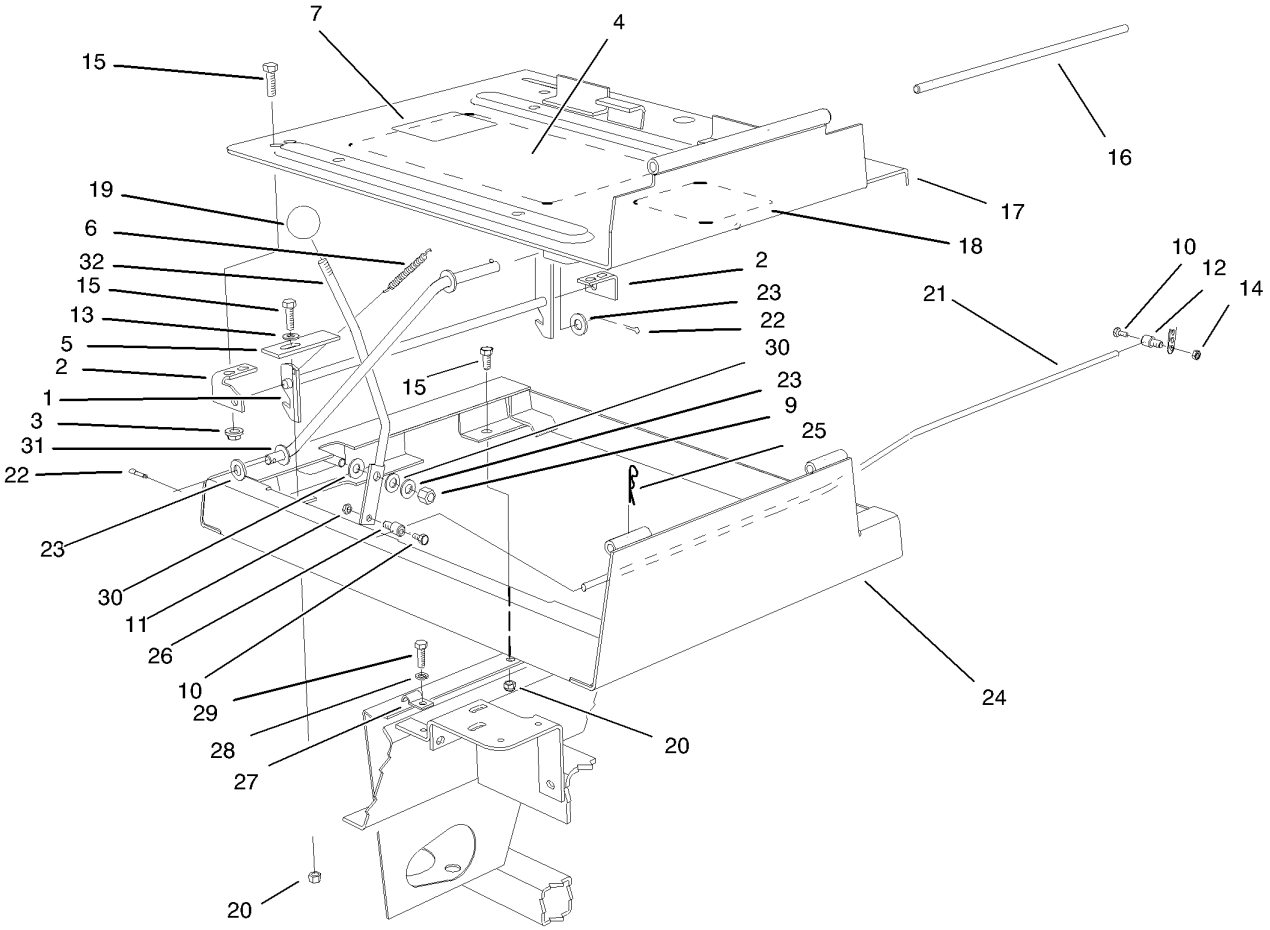
Ref	Part No.	Qty.	Description
1	94-4099	1	Seal Kit
❷2		1	Housing
3	94-4095	1	Centering Spring Kit
❷4		1	Spool
5	94-4098	1	Ring-Retaining
6	94-4094	1	Pin
❷7		1	Sleeve
8	94-4096	1	Bearing Kit
9	94-4088	7	Screw-Cap
10	94-4089	1	Cap-End
11	94-4090	1	Gerotor
12	94-4091	1	Spacer
13	94-4093	1	Drive
14	94-4092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

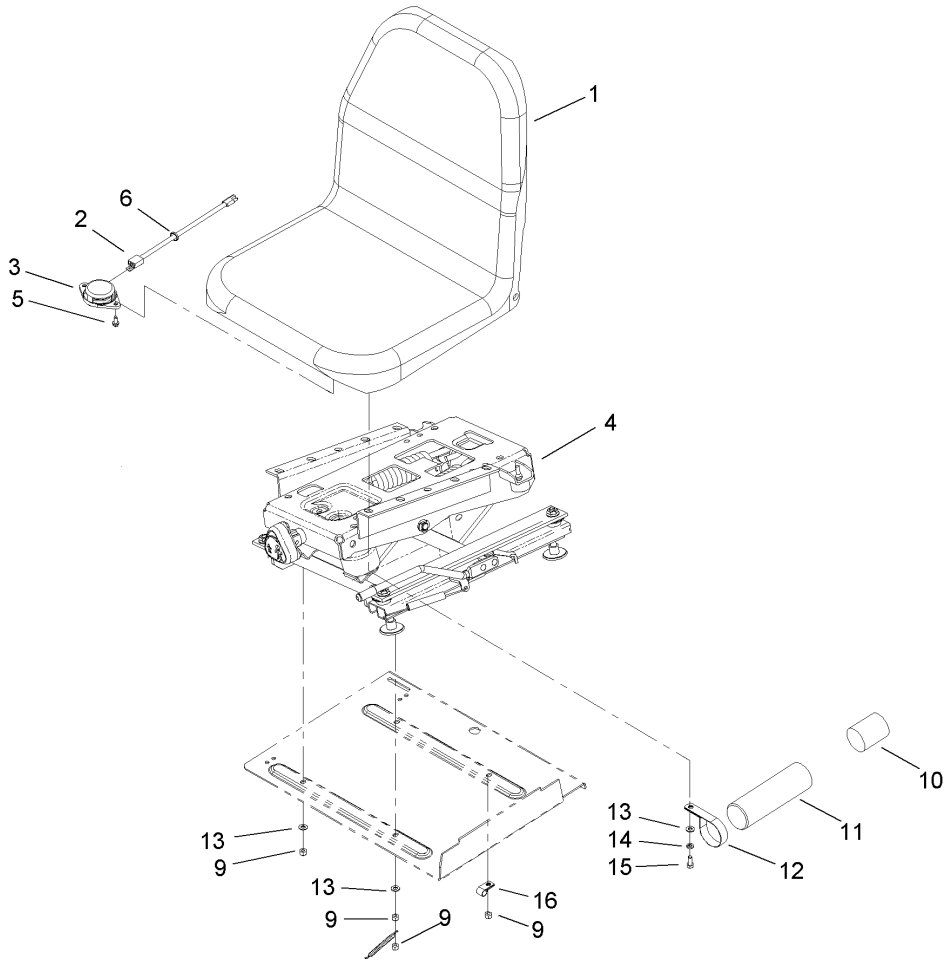
Ref	Part No.	Qty.	Description
28	283-58	2	Pin-Clevis
29	75-1440-03	1	Pedal-Brake, LH
30	3272-10	2	Pin-Cotter
31	32121-50	1	Pin-Spring
32	75-1430	1	Pedal-Brake, RH
32:2	256-42	2	Bushing
32:3	302-5	1	Fitting-Grease
33	3296-39	1	Nut-Lock, NI
34	75-3270-03	1	Hub-Pivot, Traction
35	75-1470	1	Pin-Pivot, Brake
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

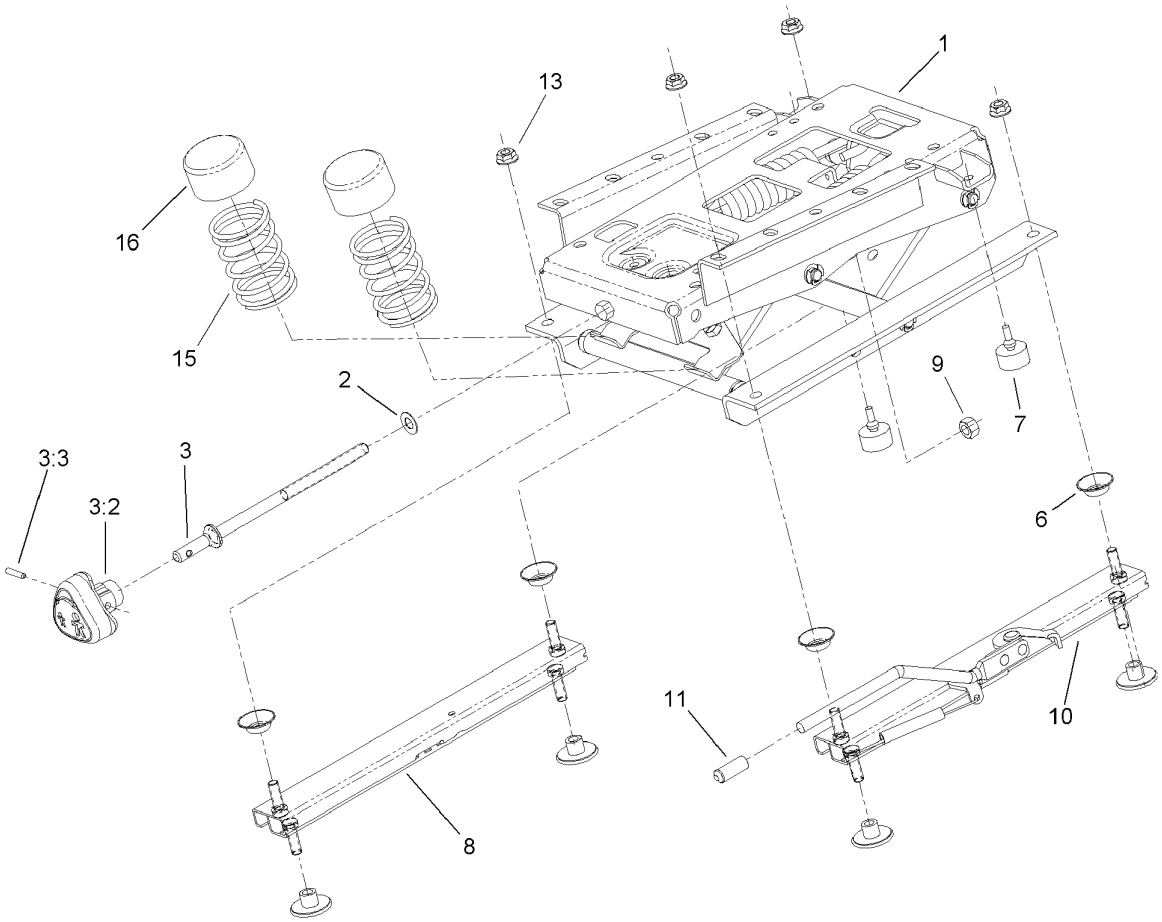
Ref	Part No.	Qty.	Description
1	98-2354-03	1	Latch-Seat
2	98-2353	2	Bracket-Latch, Seat
3	32128-25	4	Nut-HF
4	105-7528	1	Decal-Information, Solenoid
5	98-9302	1	Plate-Stop, Idler
6	66-4190-03	1	Spring-Idler, Clutch
7	105-4674	1	Decal-Noise, Ce
9	3296-39	1	Nut-Lock, NI
10	25-8640	2	Screw-HH
11	3296-3	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



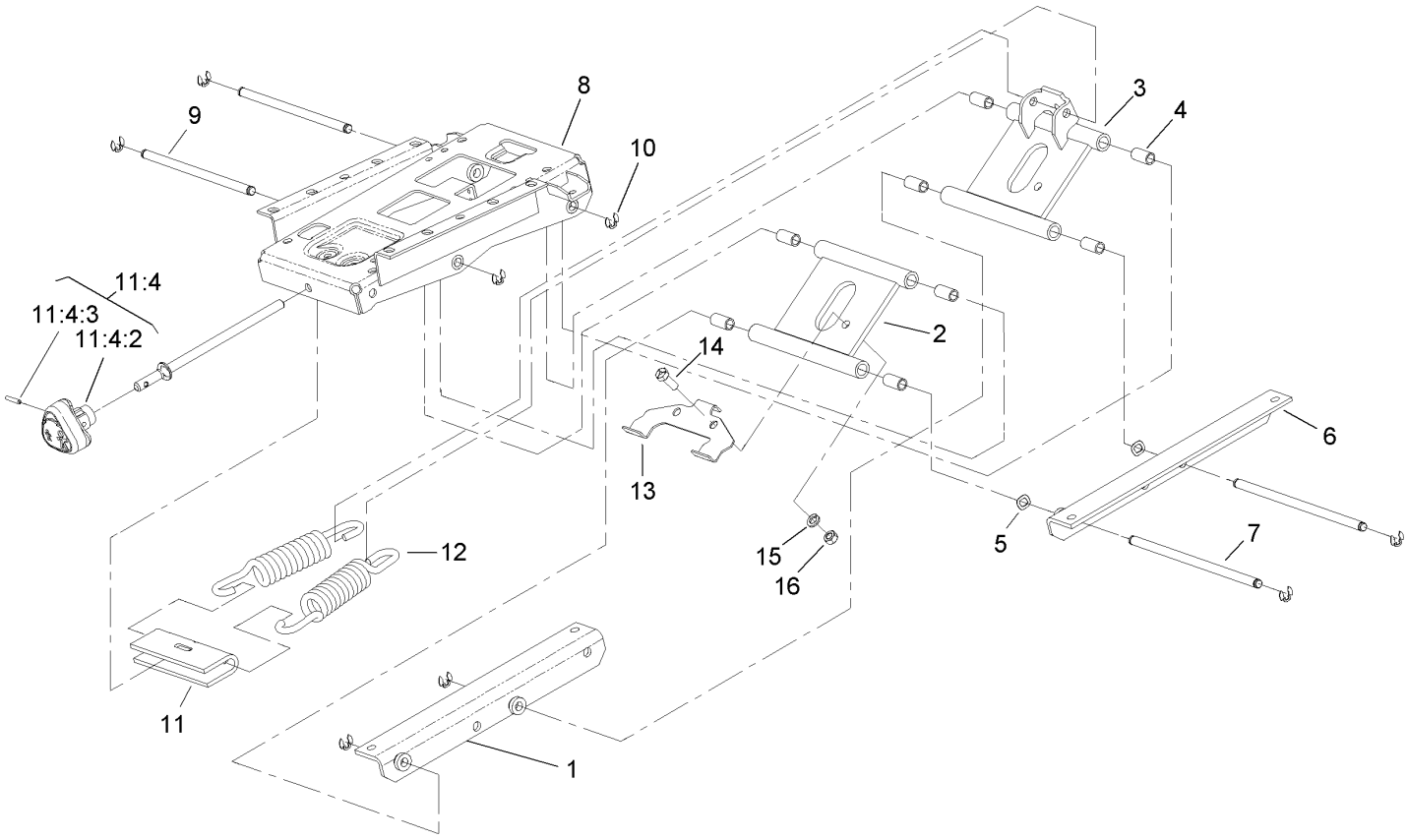
Seat and Suspension Assembly

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



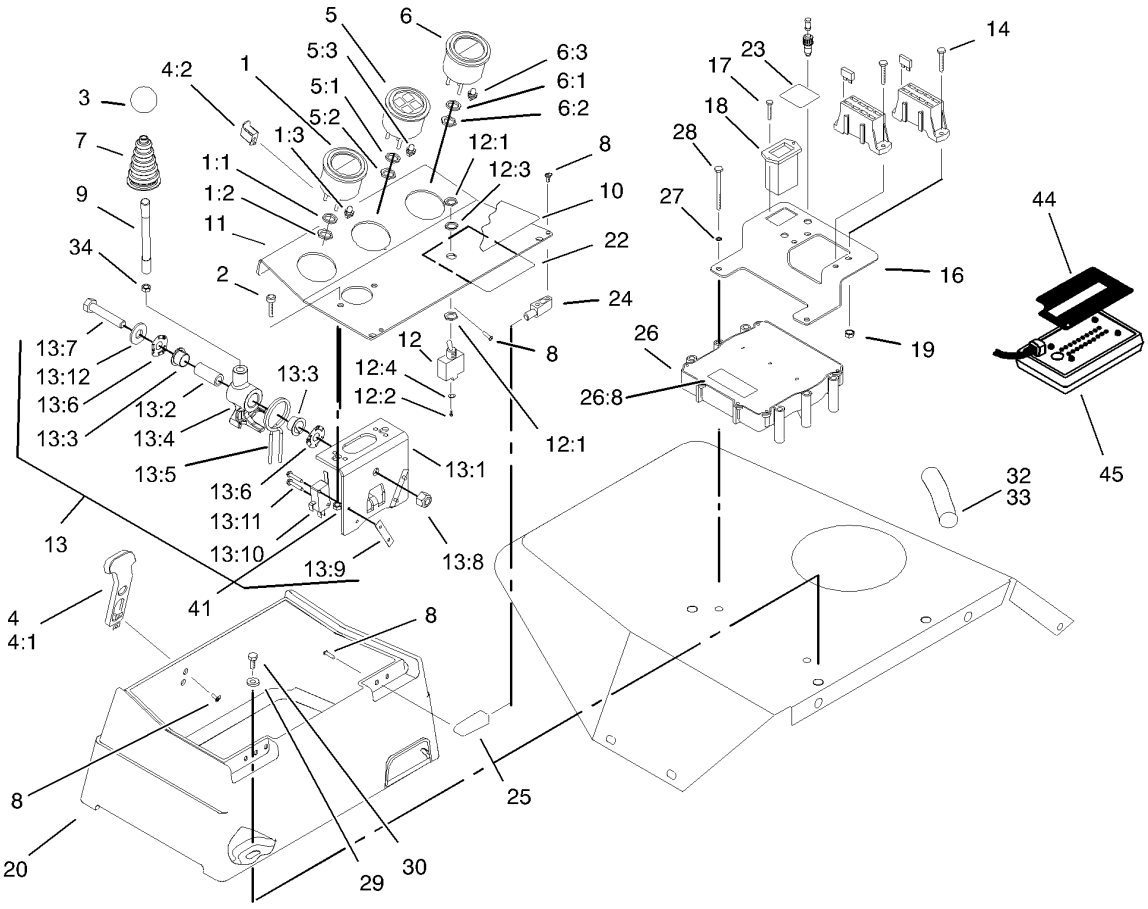
Seat Suspension Assembly No. 76-1970

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-HF
15	93-3163	2	Spring
16	93-3164	2	Cap



Suspension Assembly No. 106-8085

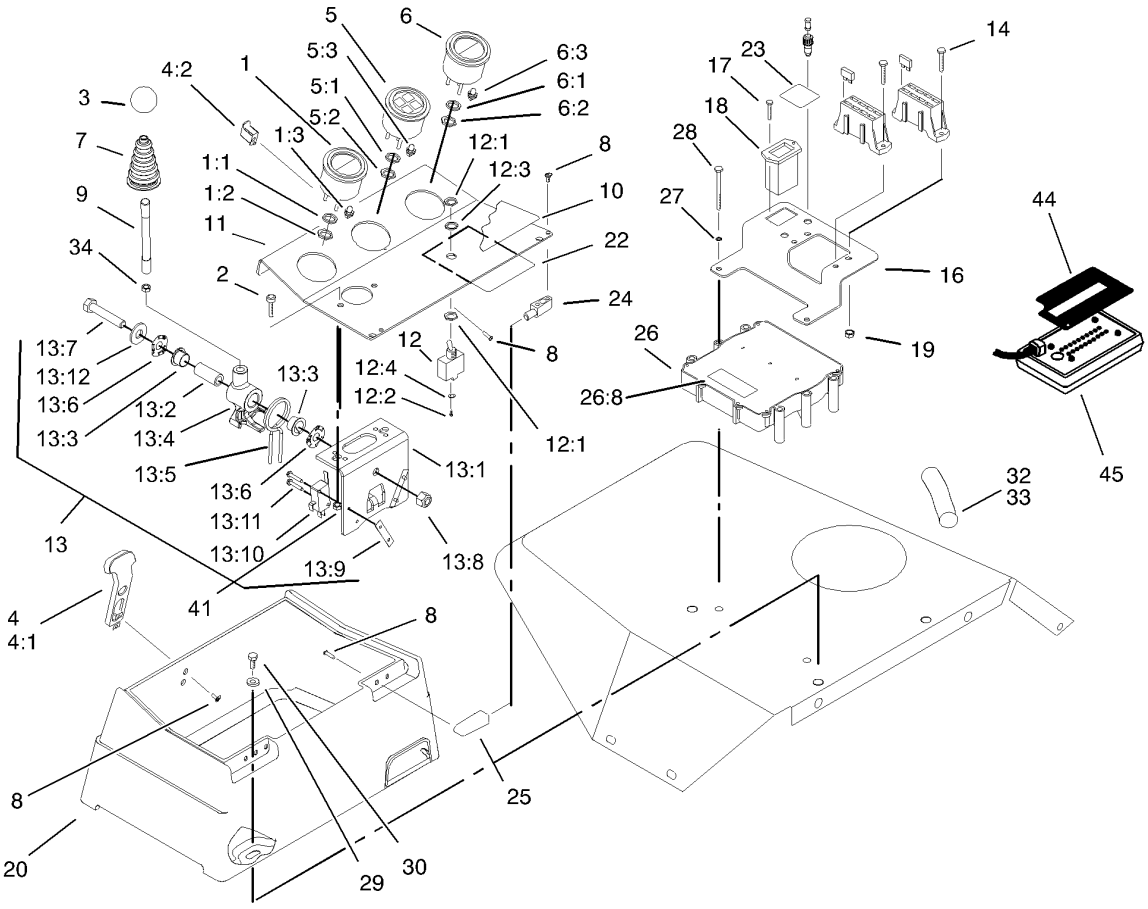
Ref	Part No.	Qty.	Description
1	106-8086	1	Bracket-Mounting, RH
2	106-8087	1	Arm
3	106-8088	1	Bellcrank
4	76-1920	8	Sleeve-Bearing
5	108472	2	Washer-Wave
6	106-8089	1	Mounting Bracket, LH
7	106-8090	2	Shaft-Pivot
8	66-8600	1	Frame-Upper
9	76-1910	2	Shaft-Pivot
10	32151-47	8	Ring-Retaining
11	76-1960	1	Knob Kit
❷11:4		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

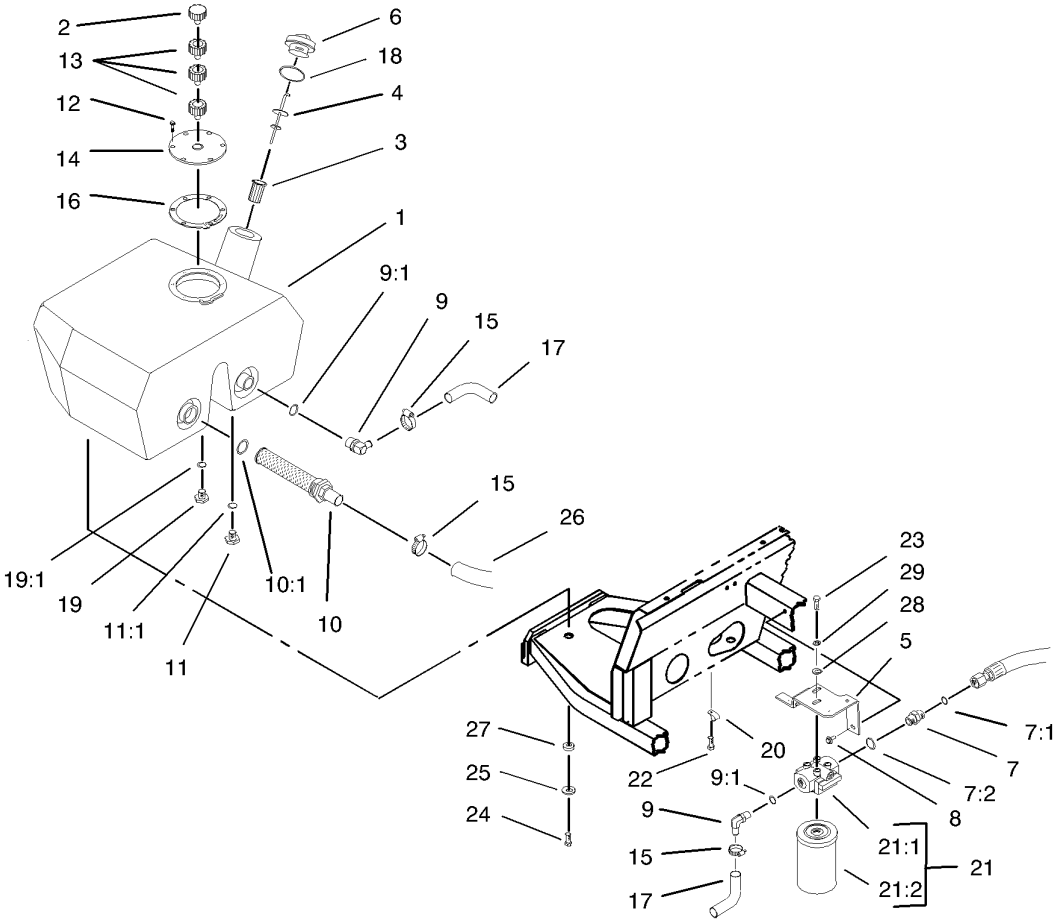
Ref	Part No.	Qty.	Description
1	98-9339	1	Gauge-Fuel
1:1	3254-1	3	Washer-Lock, Int
1:2	3217-27	3	Nut-Hex
1:3	105-9265	1	Bulb And Lamp ASM
2	3258-166	2	Screw
3	233-42	1	Knob
4	94-5626	1	Latch-Draw, Flexible
4:1	100-5806	1	Handle-Latch
4:2	100-5807	1	Keeper-Latch
5	98-9306	1	Light-Warning
5:1	3254-1	1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

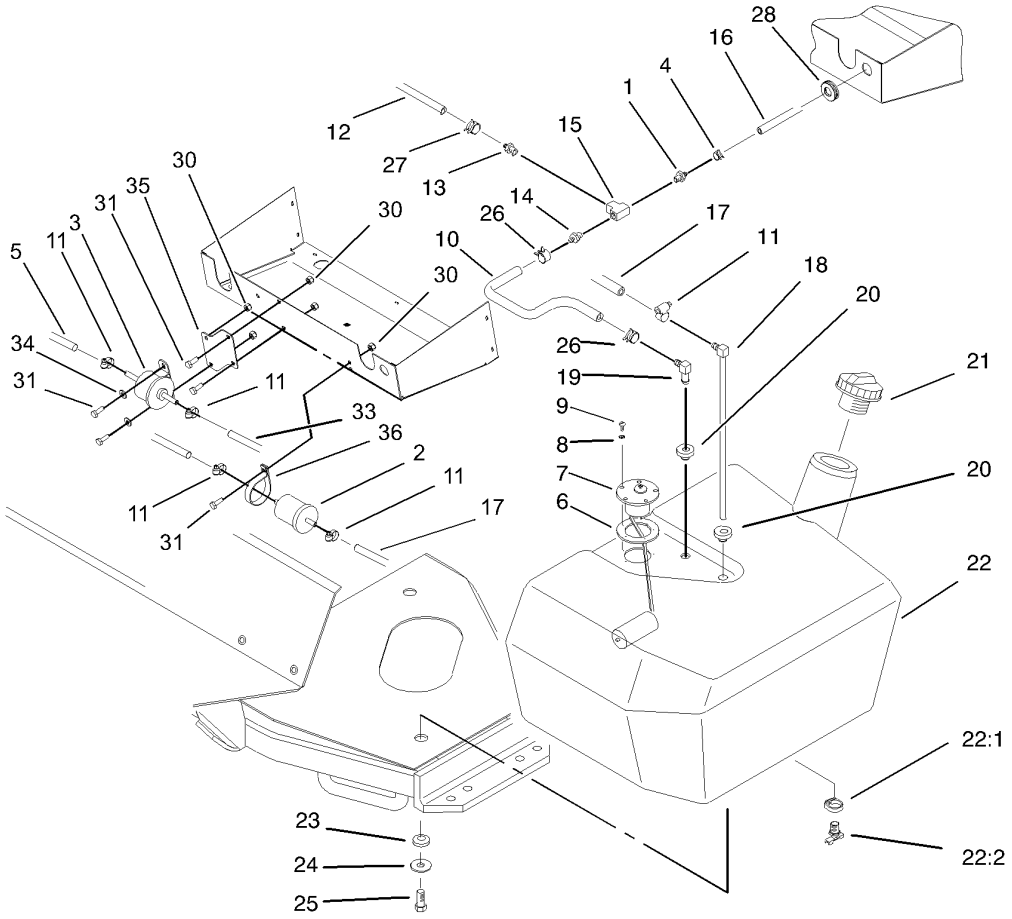
Ref	Part No.	Qty.	Description
24	104-1496	2	Hinge-Pin
25	104-1497	2	Hinge-Receiver
26	92-5720	1	Controller-Electronic
26:8	93-8053	1	Decal
27	3253-3	2	Washer-Lock
28	321-14	2	Screw-HH
29	3256-3	3	Washer-Flat
30	322-5	3	Screw-HH
32	106-5971	1	Harness-Wire
33	94-6343	1	Decal-Identification, Wire
34	3218-3	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-HYD

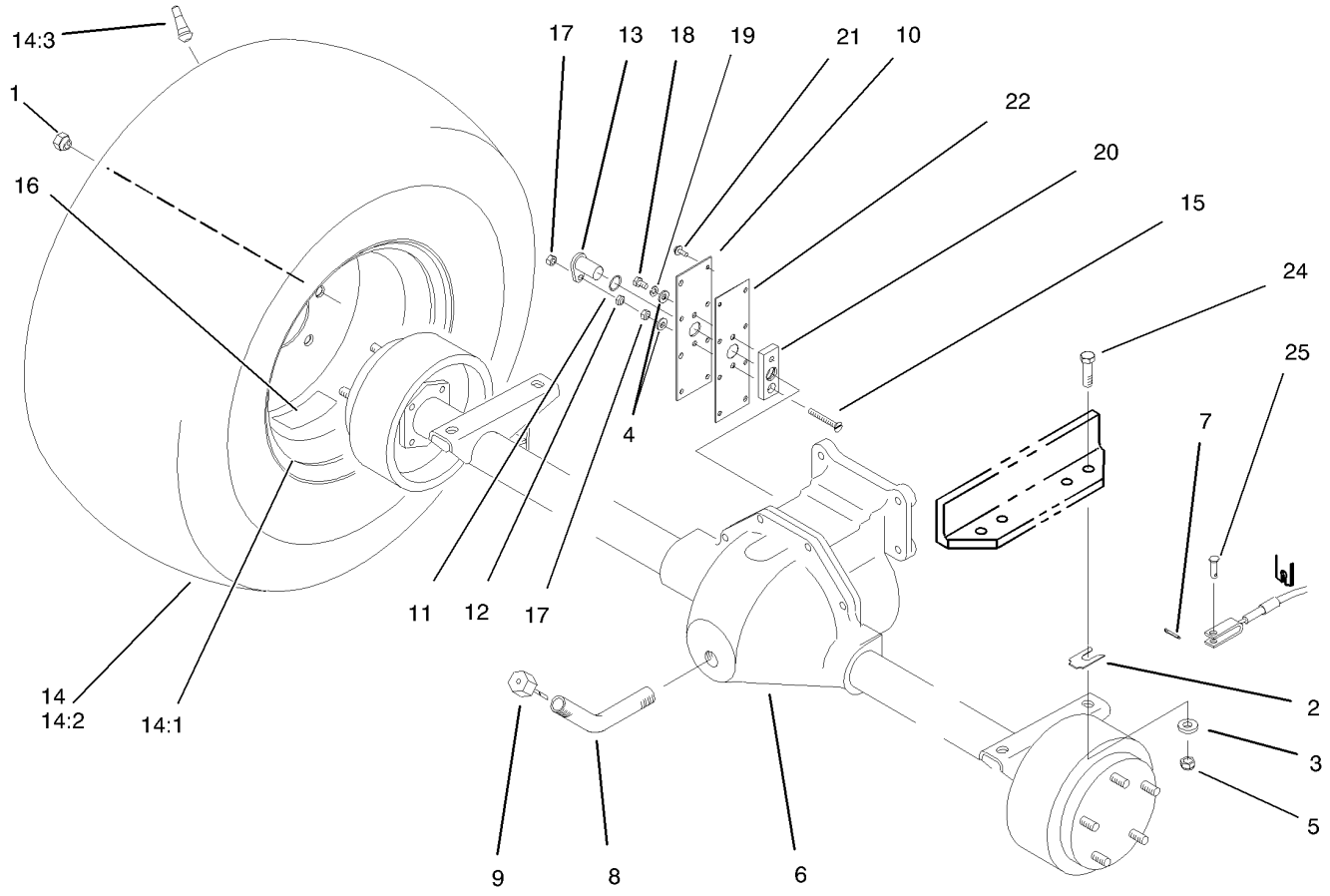
Ref	Part No.	Qty.	Description
19:1	237-79	1	O-Ring
20	2412-93	2	Clamp-R
❷21		1	Oil Filter ASM
21:1	104-0080	1	Filter Head ASM
21:2	94-2621	1	Element-Filter
22	32144-10	2	Screw-HWH
23	323-4	2	Screw-HH
24	33105-025	3	Screw-HHF
25	63-8410	3	Washer
26	75-6870	1	Hose-Inlet, Pump
27	240-11	3	Bushing-Flange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

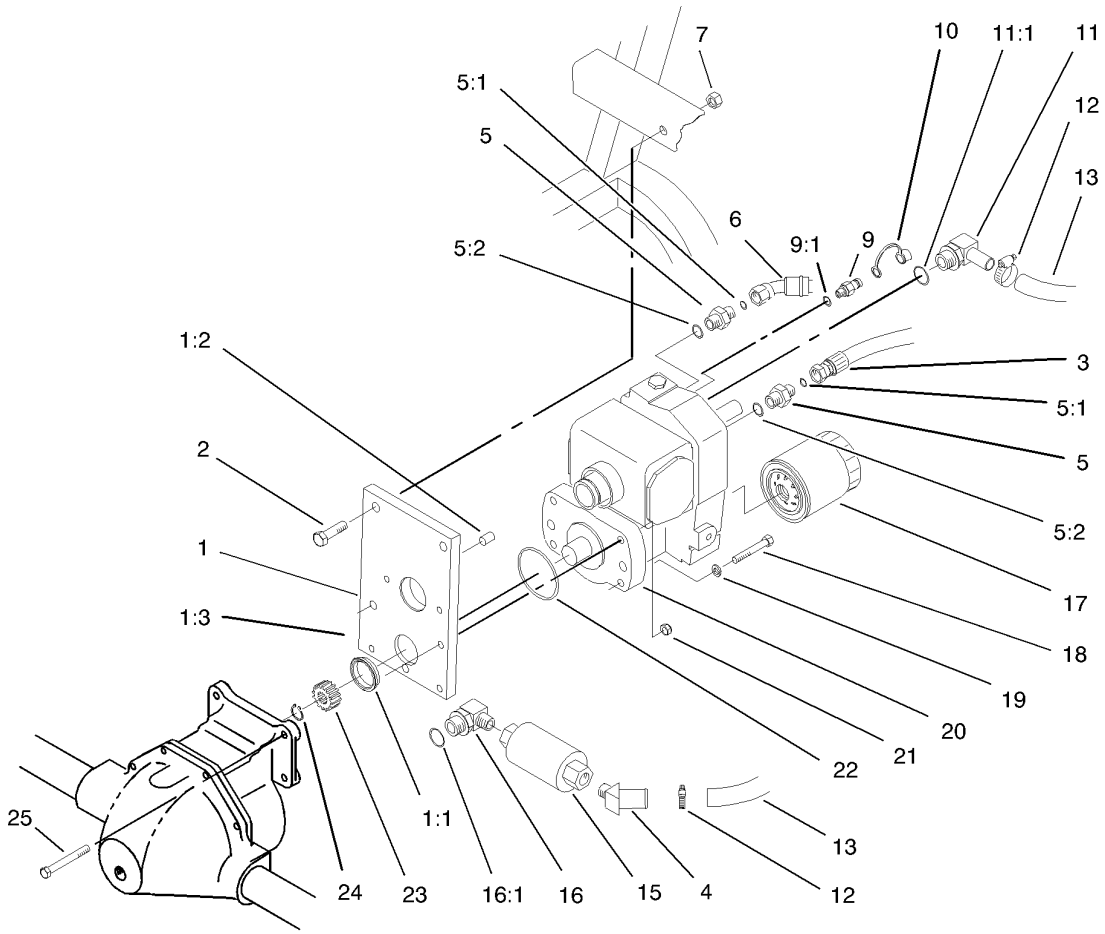
Ref	Part No.	Qty.	Description
23	240-11	3	Bushing-Flange
24	63-8410	3	Washer
25	33105-025	3	Screw-HHF
26	92-2379	2	Clamp-Hose
27	2412-146	2	Clamp-Hose
28	240-9	1	Grommet
30	3296-42	5	Nut-Lock, NI
31	321-4	5	Screw-HH
❶32	3290-378	1	Tie-Cable
33	47-7430	1	Hose-Fuel
34	3256-22	2	Washer-Flat
35	104-9339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

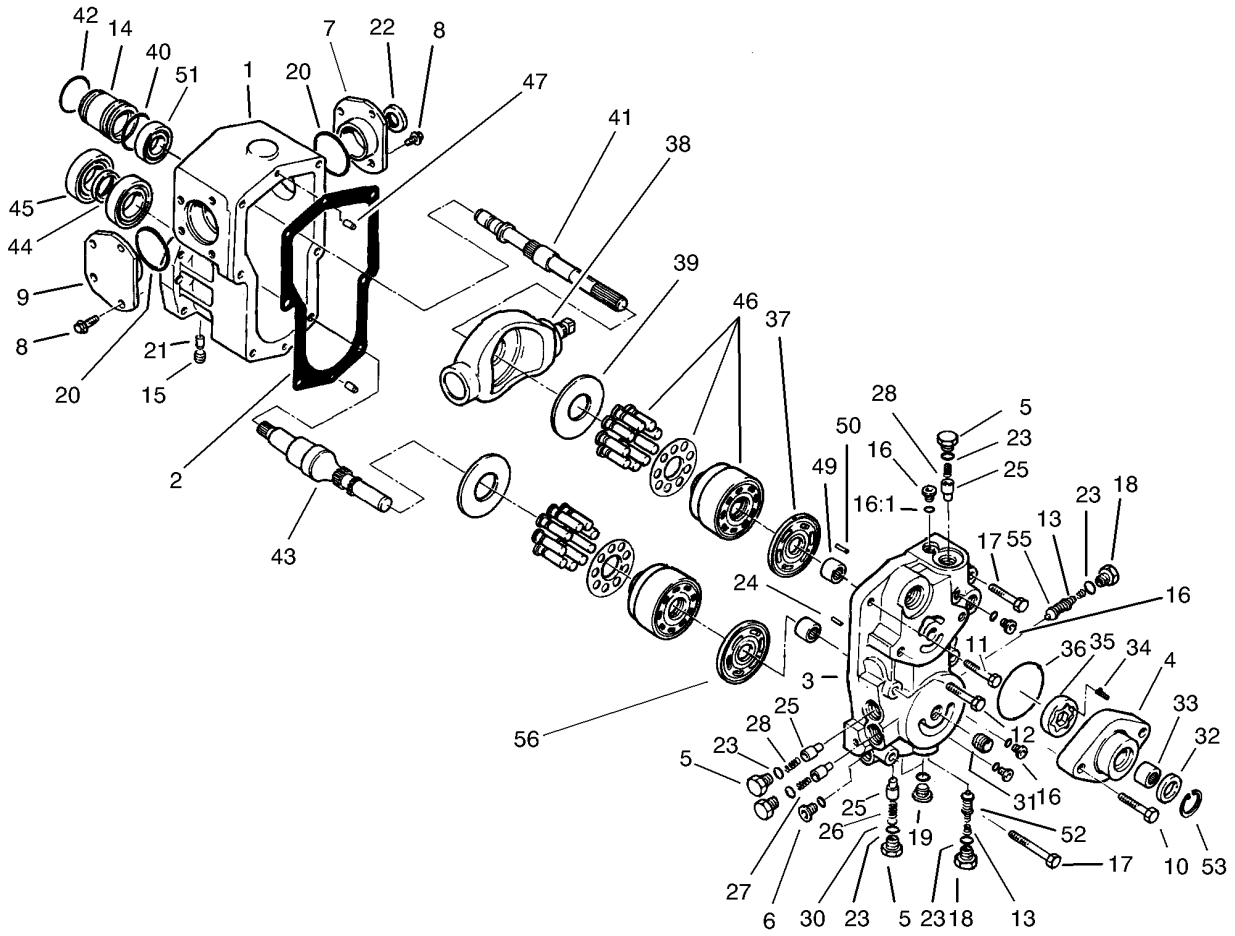
Ref	Part No.	Qty.	Description
22	92-5797	1	Gasket-Axle
24	324-7	4	Screw-HH
25	283-58	2	Pin-Clevis



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

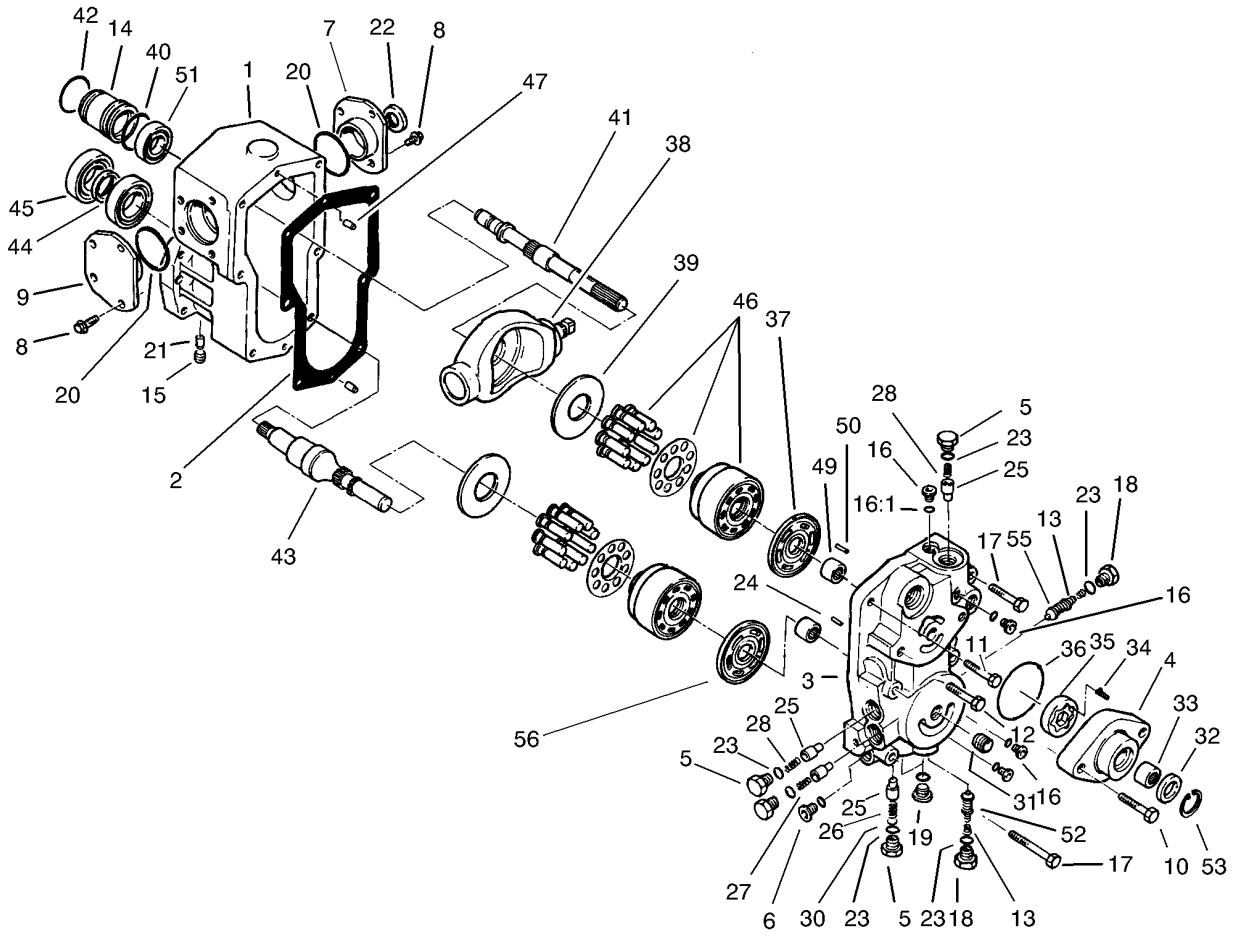
Ref	Part No.	Qty.	Description
19	3253-21	2	Washer-Lock
20	75-0012	1	Transmission
21	3296-39	2	Nut-Lock, NI
22	237-161	1	O-Ring
23	86-7220	1	Gear-Pinion
24	32151-62	1	Ring-Retaining
25	323-20	2	Screw-HH



Transmission Assembly No. 75-0012

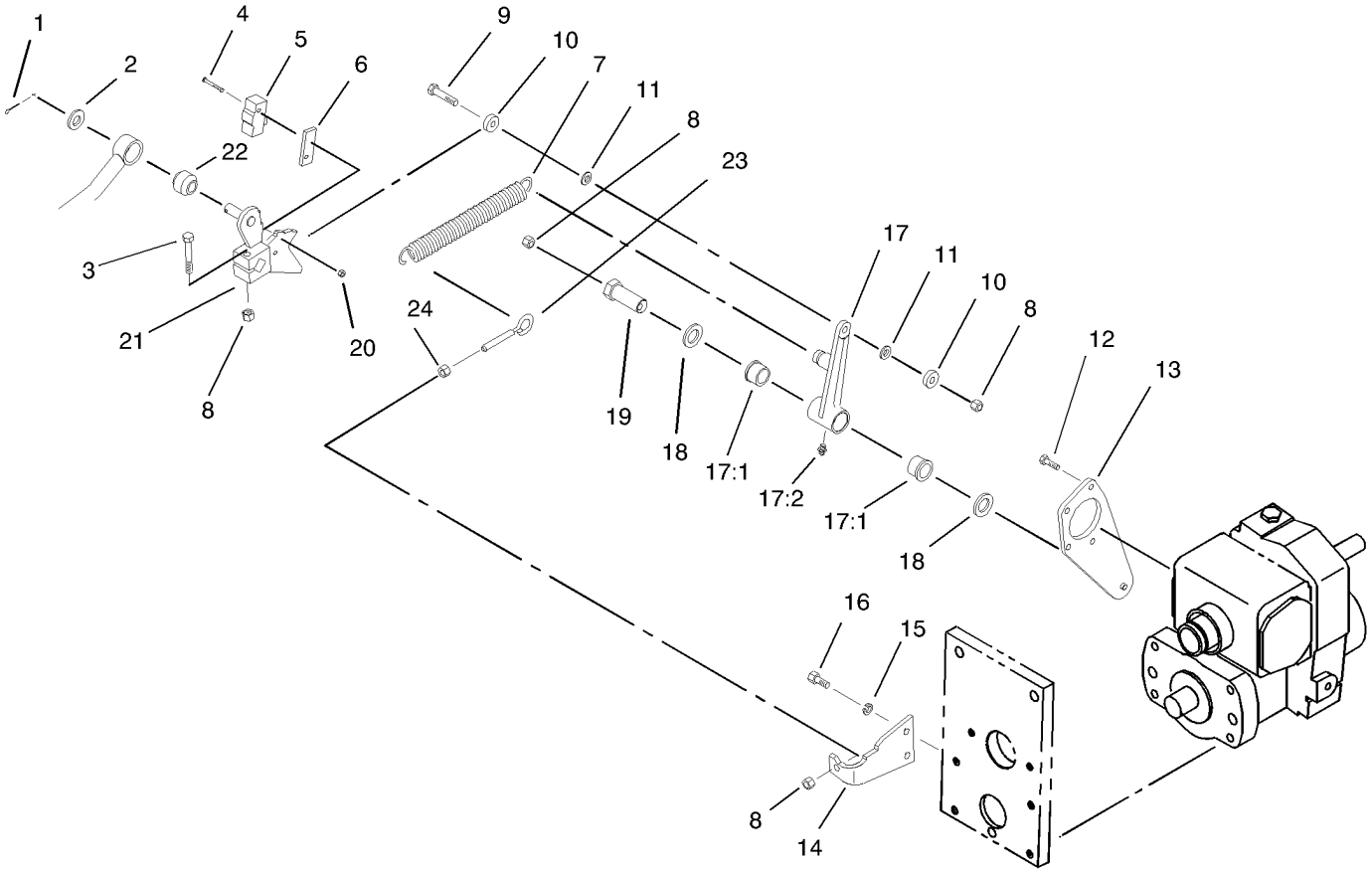
Ref	Part No.	Qty.	Description
1	75-0020	1	Housing
2	75-0030	1	Gasket-Housing
3	75-0040	1	Section-Center
4	83-4780	1	Housing-Pump, Charge
5	75-0060	4	Plug
6	75-0070	1	Plug
7	86-7520	1	RH Trunnion Cover ASM
8	75-0090	8	Capscrew-HH
9	86-7530	1	LH Trunnion Cover ASM
10	75-0110	2	Capscrew-HH
11	75-0120	1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

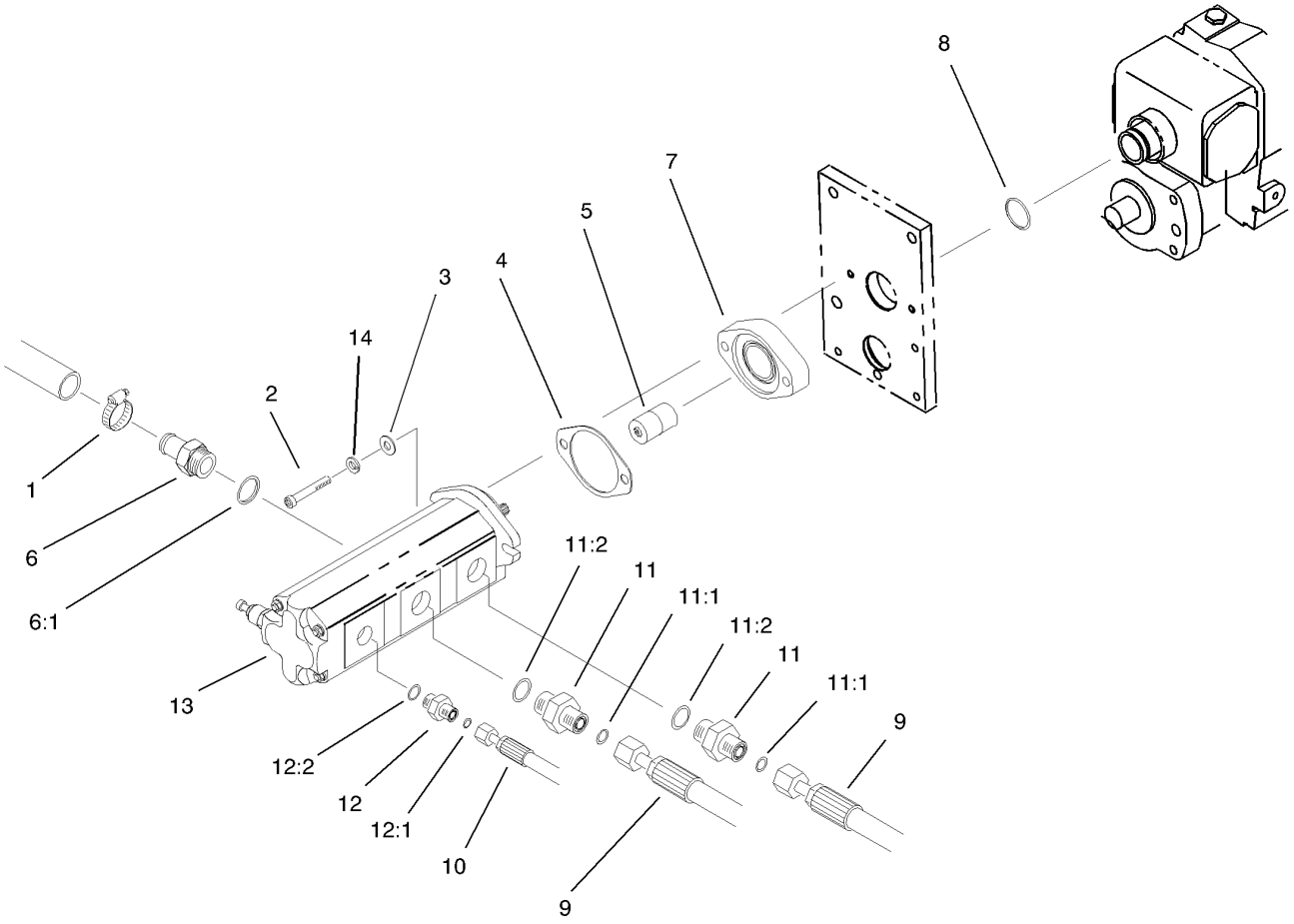
Ref	Part No.	Qty.	Description
50	75-0510	1	Pin
51	75-0520	1	Bearing-Ball
52	75-6930	1	Valve-Screw
53	32120-74	1	Snap-Ring
55	93-0097	1	Valve-Screw
56	93-0083	1	Plate-Valve



Traction Control Assembly

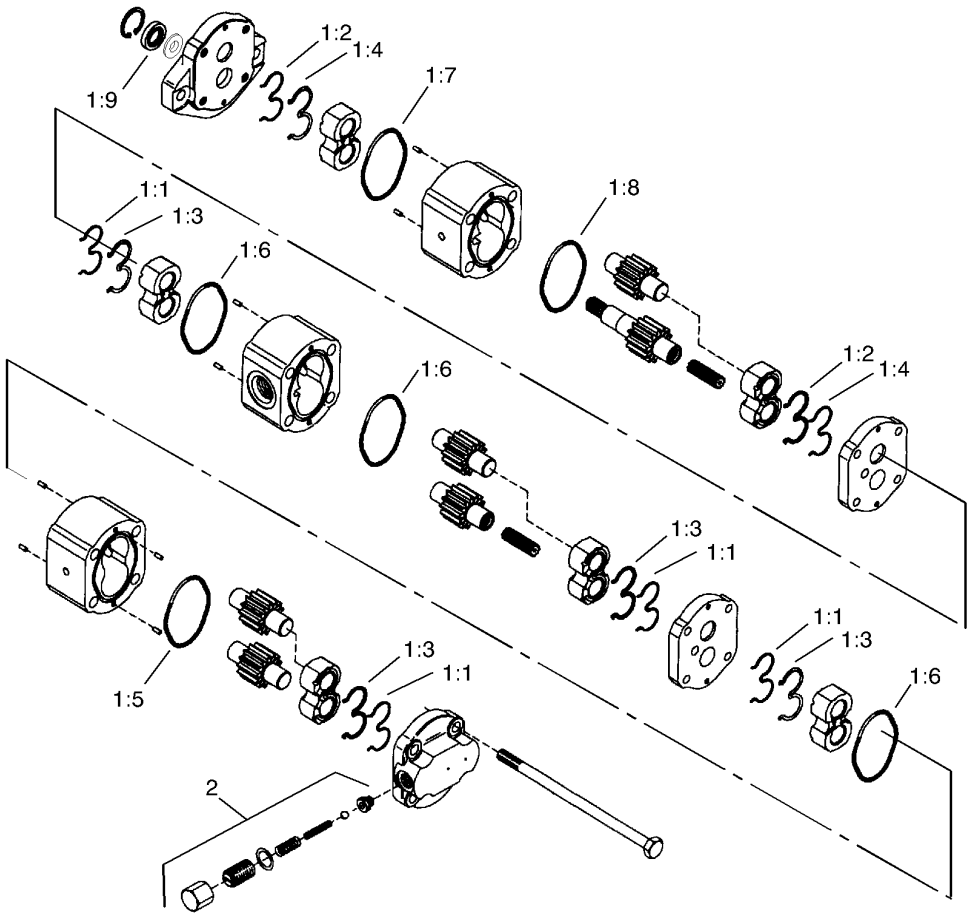
Ref	Part No.	Qty.	Description
1	3272-10	1	Pin-Cotter
2	3256-26	1	Washer-Flat
3	322-10	1	Screw-HH
4	32105-21	2	Screw-HH
5	29-6162	1	Switch-Micro
6	75-4130	1	Plate-Switch
7	76-9430-03	1	Spring-Extention
8	3296-29	4	Nut-Lock, NI
9	322-7	1	Screw-HH
10	251-307	2	Bearing-Ball
11	75-5470	2	Spacer-Bearing
12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



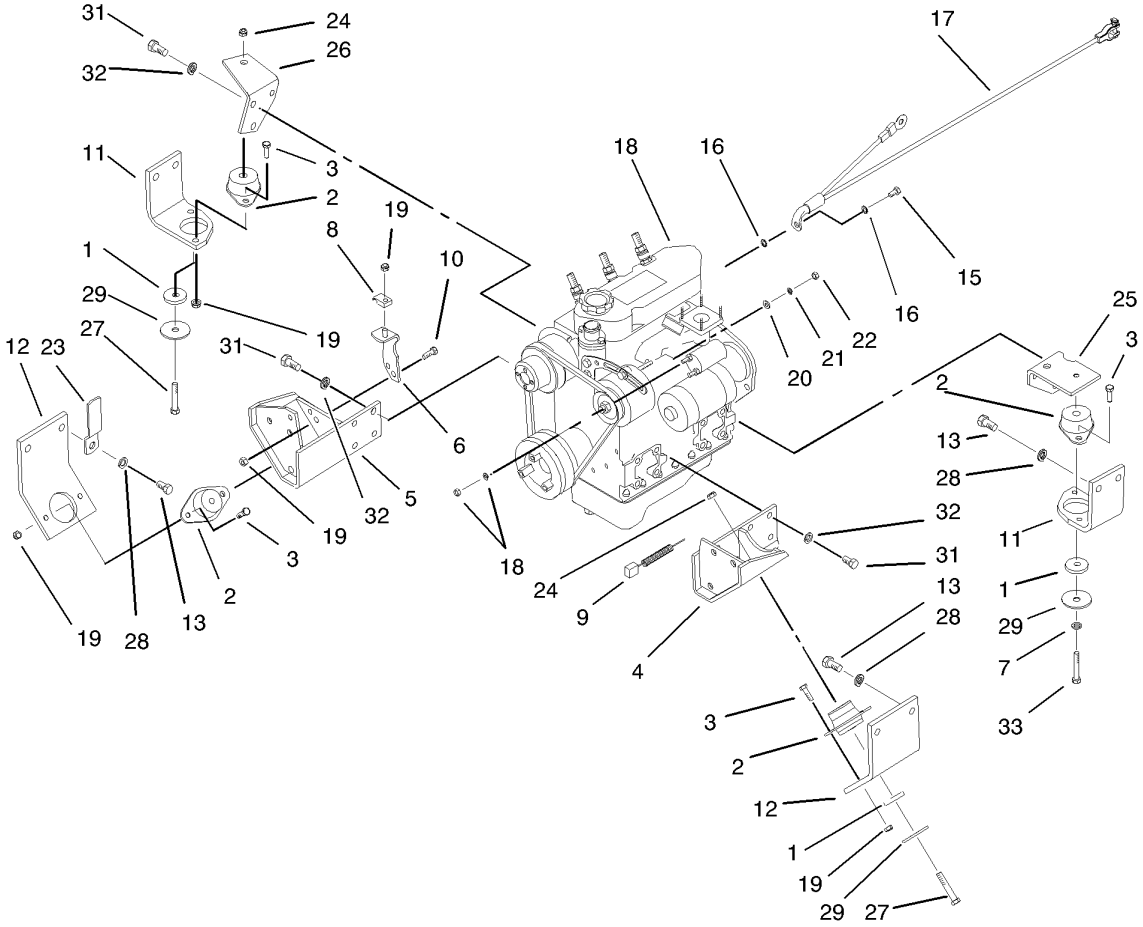
Gear Pump Installation Assembly

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

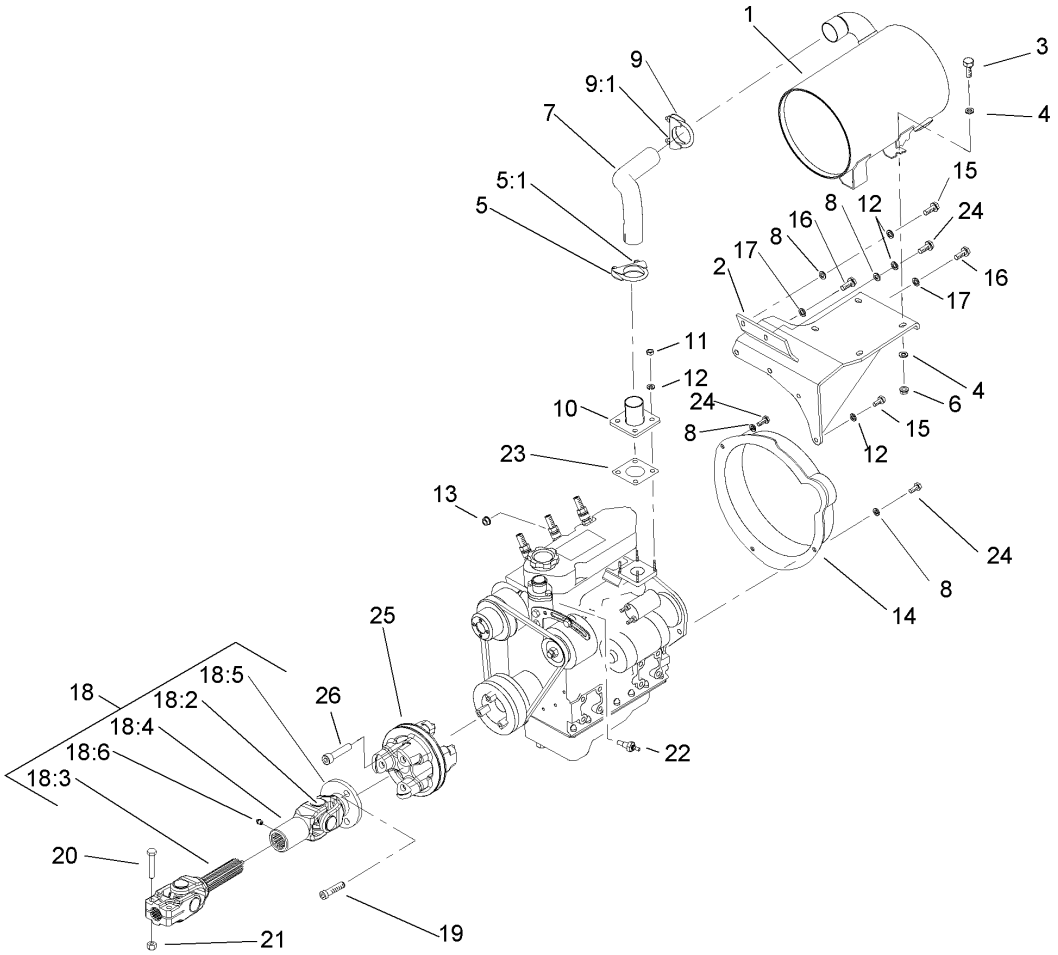
Ref	Part No.	Qty.	Description
1	104-0576	1	Seal Kit
❷1:1		4	Seal-Extrusion, Anti
❷1:2		2	Seal-Extrusion, Anti
❷1:3		4	Seal-Loading, Pressure
❷1:4		2	Seal-Loading, Pressure
❷1:5		1	O-Ring
❷1:6		3	O-Ring
❷1:7		1	O-Ring
❷1:8		1	O-Ring
❷1:9		1	Seal-Shaft
2	104-0577	1	Cover/relief Valve ASM



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, Ext
17	98-4598	1	Cable-Battery, Negative
18	42-9850	1	Washer-Lock, Spring
18	57-6390	1	Nut-Jam
18	106-7778	1	Engine-Kubota
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

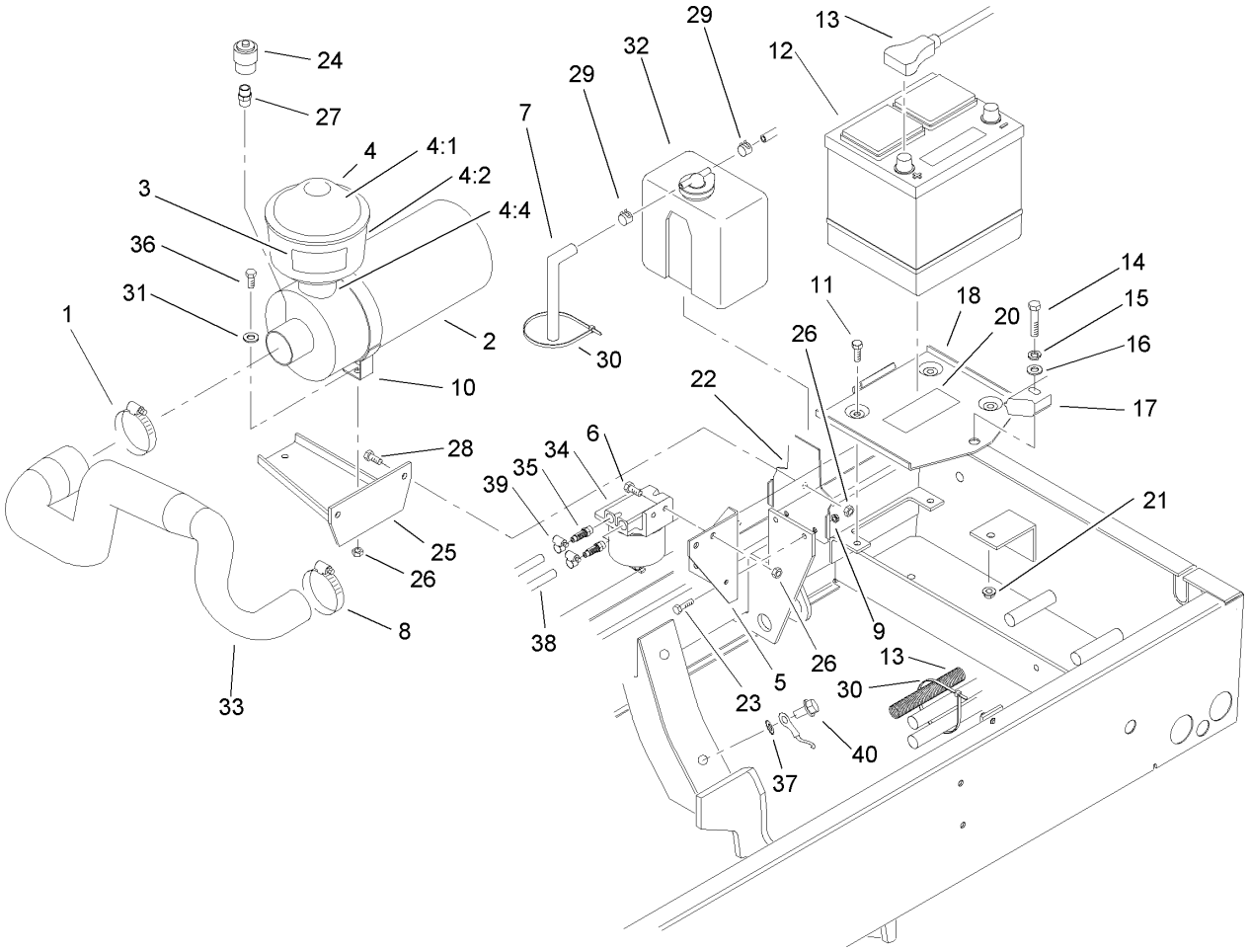
Ref	Part No.	Qty.	Description
24	32128-36	3	Nut-HF
25	98-4515-03	1	Bracket-Rear Engine, LH
26	98-4514-03	1	Bracket-Rear Engine, RH
27	323-12	3	Screw-HH
28	3253-7	8	Washer-Lock
29	87-5100	4	Washer-Snubbing
31	43-0090	14	Screw-HH
32	42-9600	14	Lockwasher-Spring
33	323-10	1	Screw-HH



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	106-7751	1	Driveshaft ASM
18:2	100-2356	2	Cross & Bearing Kit - 6r Series
18:3	108-0632	1	Yoke And Shaft ASM
18:4	108-0633	1	Yoke-Telescoping
18:5	108-0644	1	Yoke

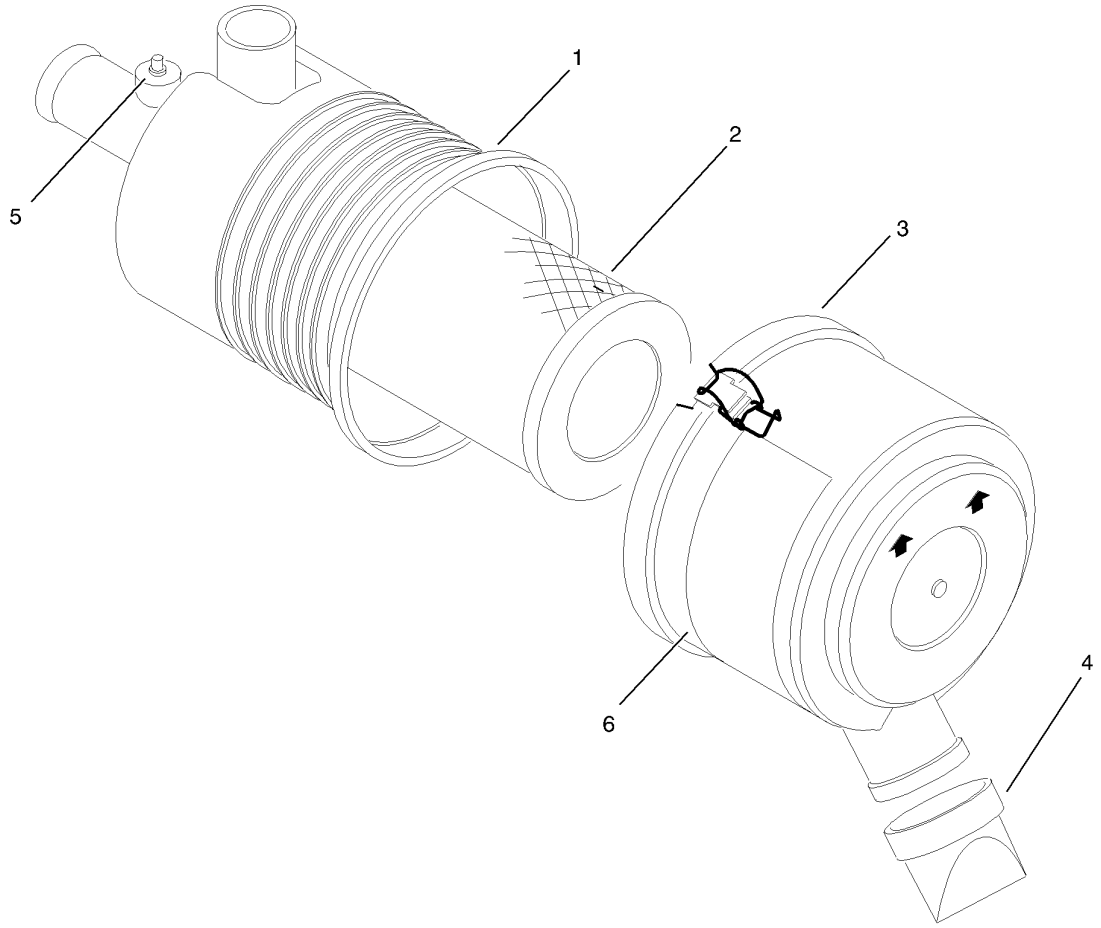
Ref	Part No.	Qty.	Description
18:6	302-5	1	Fitting-Grease
19	98-9322	3	Bolt-Hh, Metric
20	322-9	2	Screw-HH
21	3296-29	2	Nut-Lock, NI
22	98-9346	1	Sender-Temperature
23	99-8343	1	Gasket-Muffler
24	33114-020	4	Screw-HH
25	106-7757	1	Pulley
26	3274-106	3	Screw-HSH



Engine Components Assembly

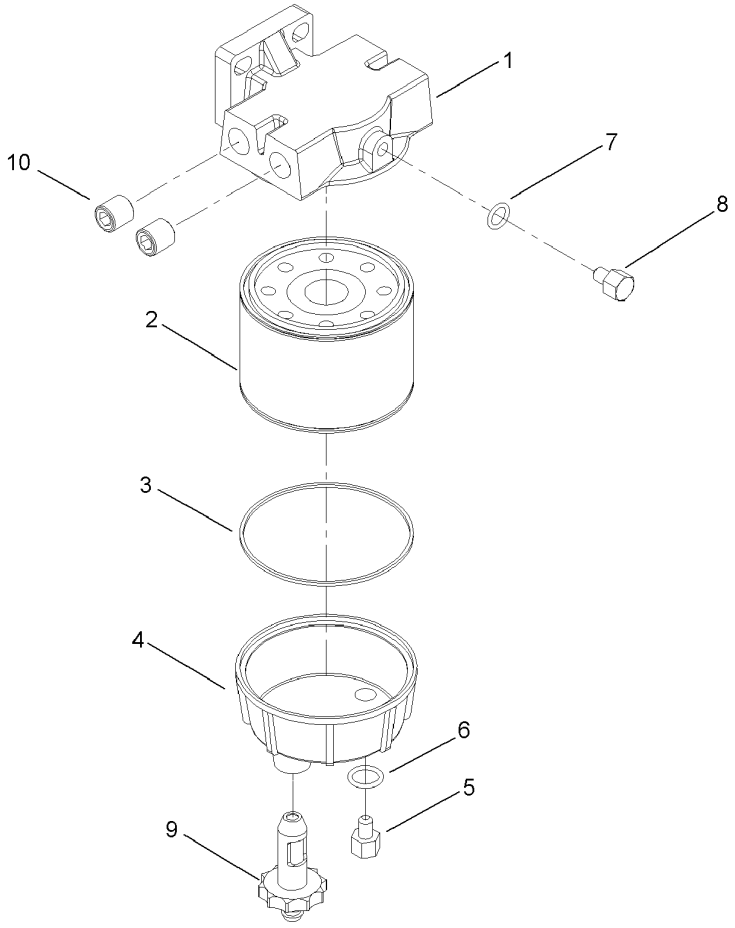
Ref	Part No.	Qty.	Description
1	2412-42	1	Clamp-Hose
2	98-4517	1	Air Cleaner ASM
3	93-6692	1	Decal-Fluid, Starting
4	48-7430	1	Precleaner
4:1	33-1260	1	Cover ASM
4:2	33-1270	1	Bowl-Clear
❶4:3	62-6300	1	Sleeve ASM
4:4	94-6873	1	Clamp
5	98-4578-03	1	Bracket-Filter, Fuel
6	3234-29	2	Screw-HHF
7	63-7630	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
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



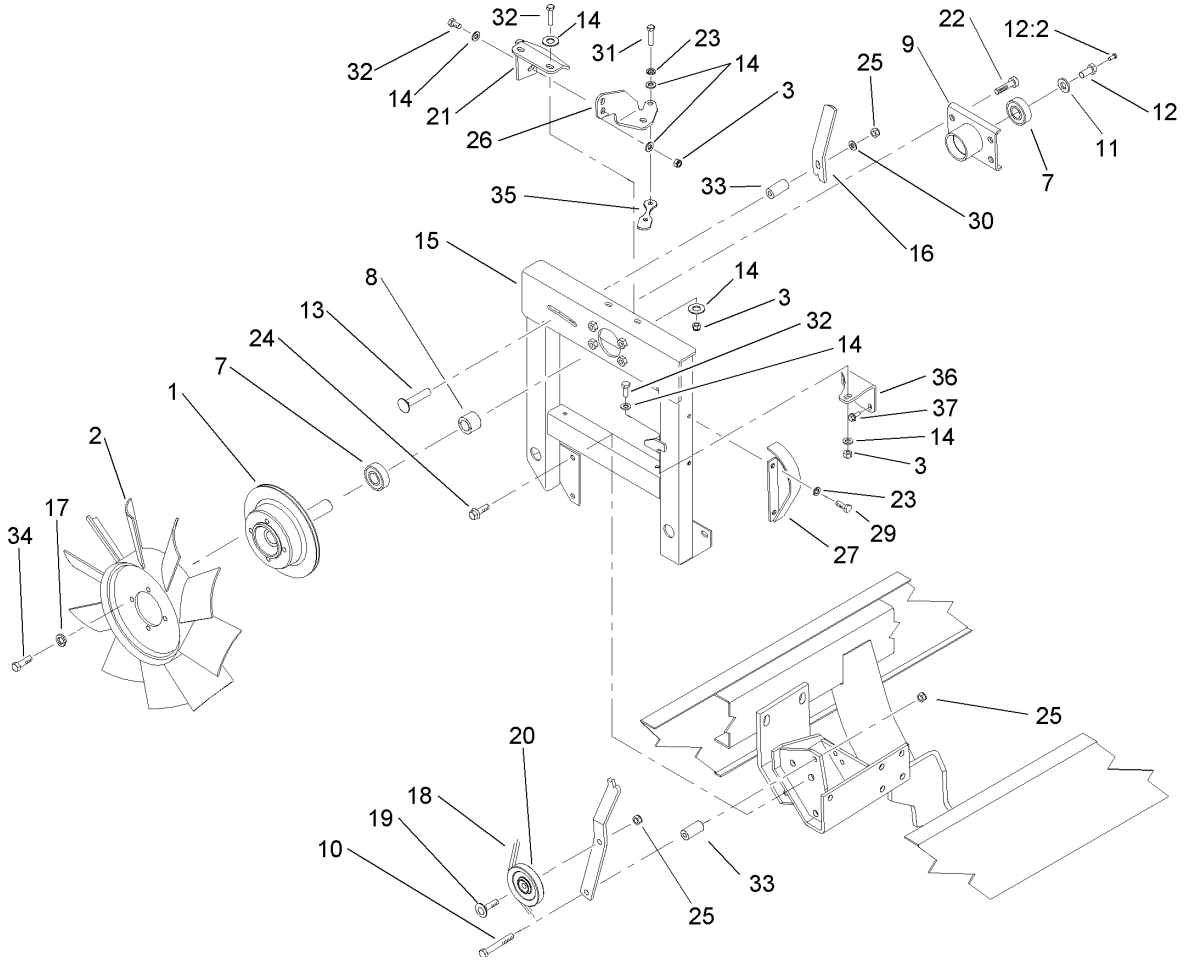
Air Cleaner Assembly No. 98-4517

Ref	Part No.	Qty.	Description
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

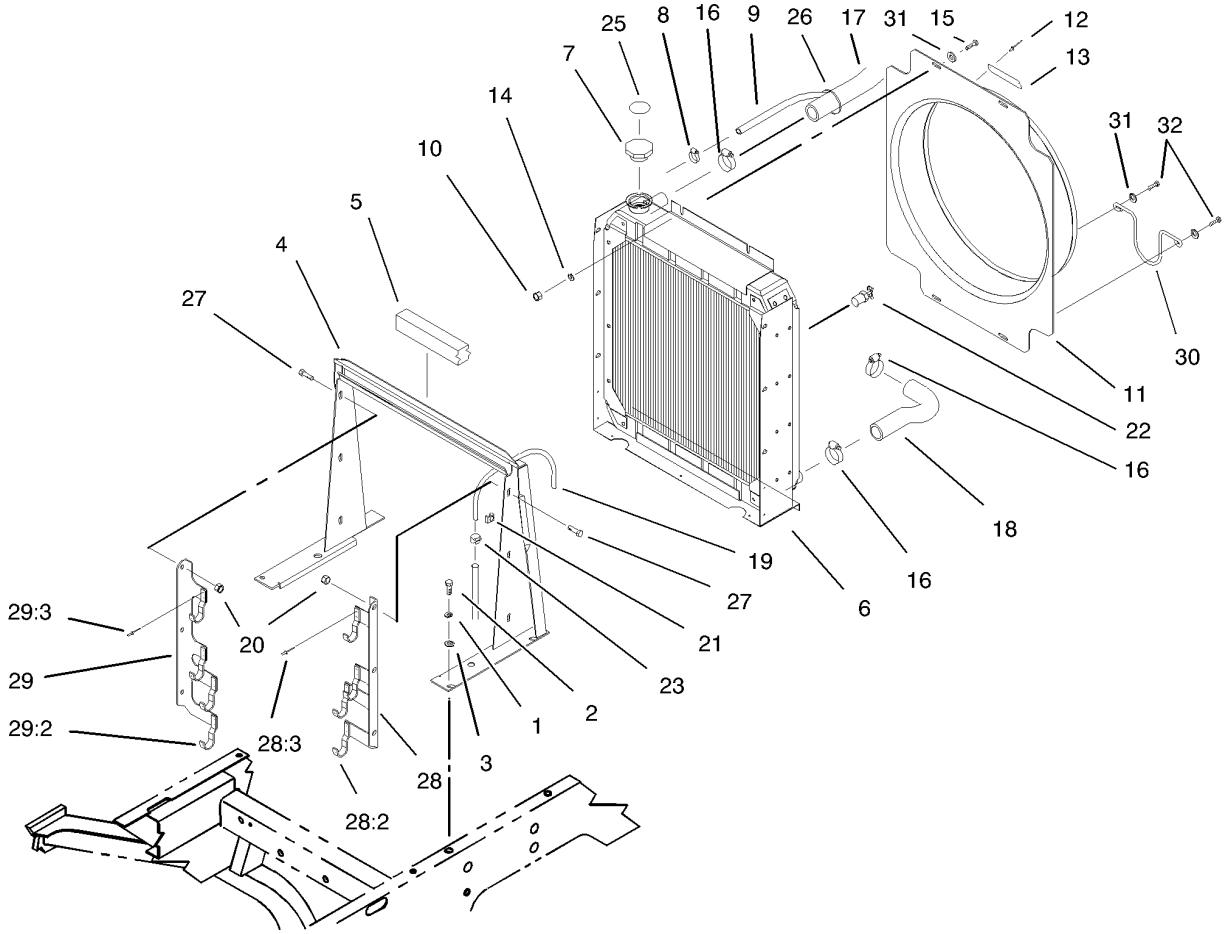
Ref	Part No.	Qty.	Description
1	98-9772	1	Head-Filter
2	98-9764	1	Element
3	98-9774	1	O-Ring-Base, Filter
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	O-Ring
8	98-9776	1	Plug-Head, Filter
9	98-9777	1	Drain Valve ASM
10	285-22	2	Plug-Pipe



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	107-8848-03	1	Fan Support ASM
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

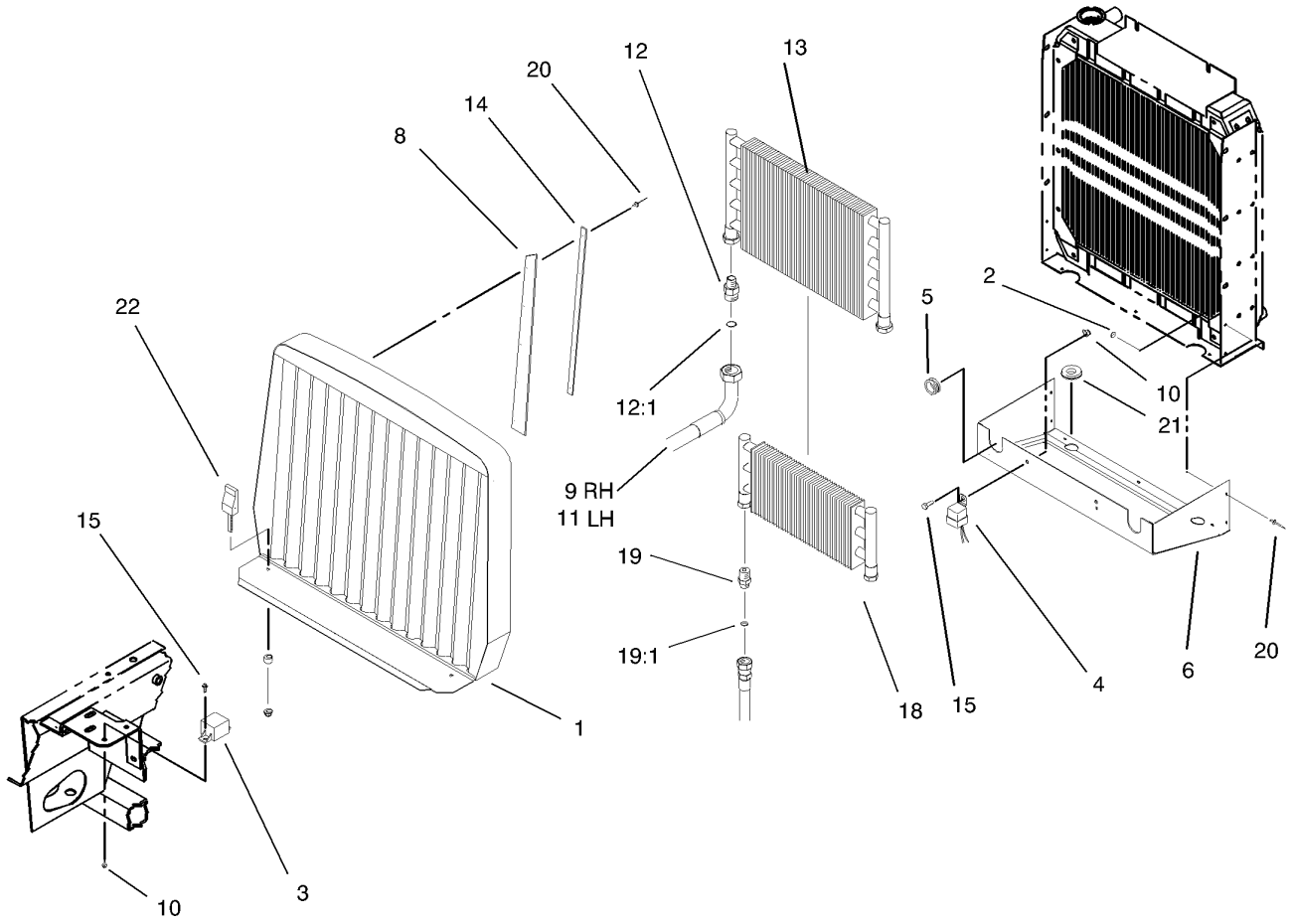
Ref	Part No.	Qty.	Description
27	98-4561-03	1	Shield-Alternator
29	32144-14	2	Screw-HWH
30	3256-24	1	Washer-Flat
31	33114-020	2	Screw-HH
32	322-4	5	Screw-HH
33	104-0007	2	Spacer
34	322-3	4	Screw-HH
35	104-1482	1	Plate-Washer
36	106-7752	1	Bracket-Support, Fan
37	33103-016	2	Screw-HHF



Radiator Assembly

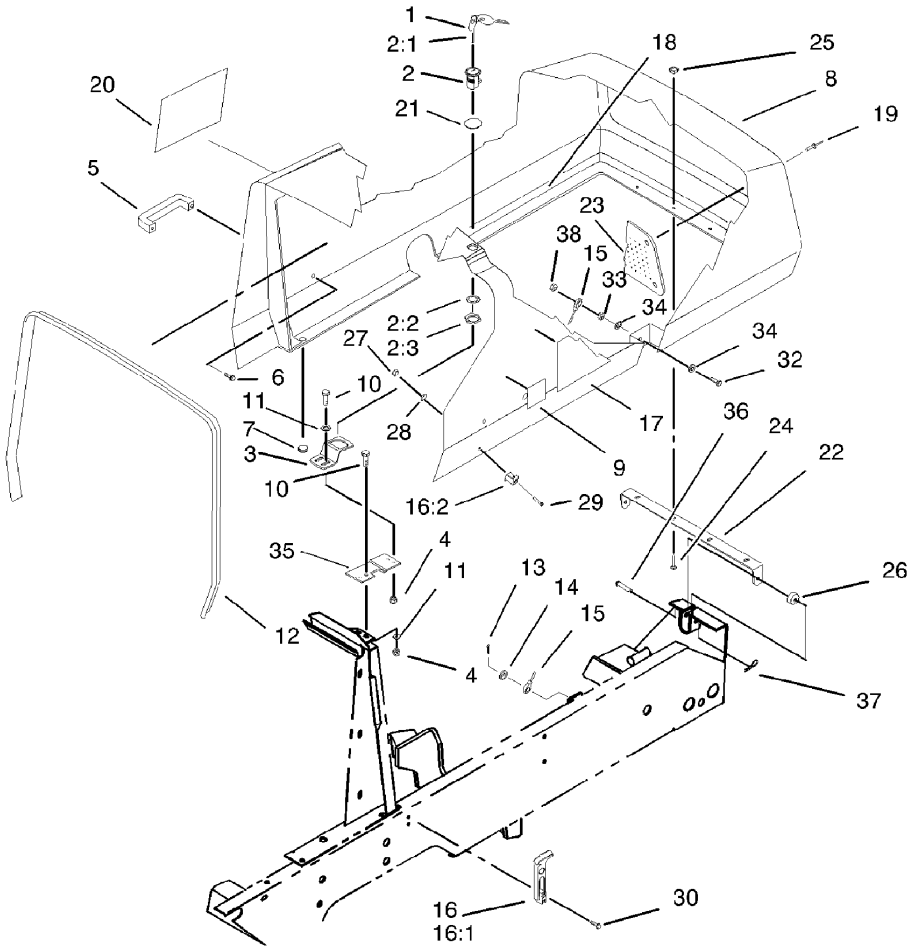
Ref	Part No.	Qty.	Description
1	3253-4	4	Washer-Lock
2	322-5	4	Screw-HH
3	3256-23	4	Washer-Flat
4	99-6970-03	1	Support-Radiator
5	104-1418	1	Strip-Foam, Radiator
6	99-6936	1	Radiator
7	66-3240	1	Cap-Radiator
8	92-2379	1	Clamp-Hose
9	104-0079	1	Hose-Fuel
10	3296-42	4	Nut-Lock, NI
11	99-6939	1	Shroud-Fan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

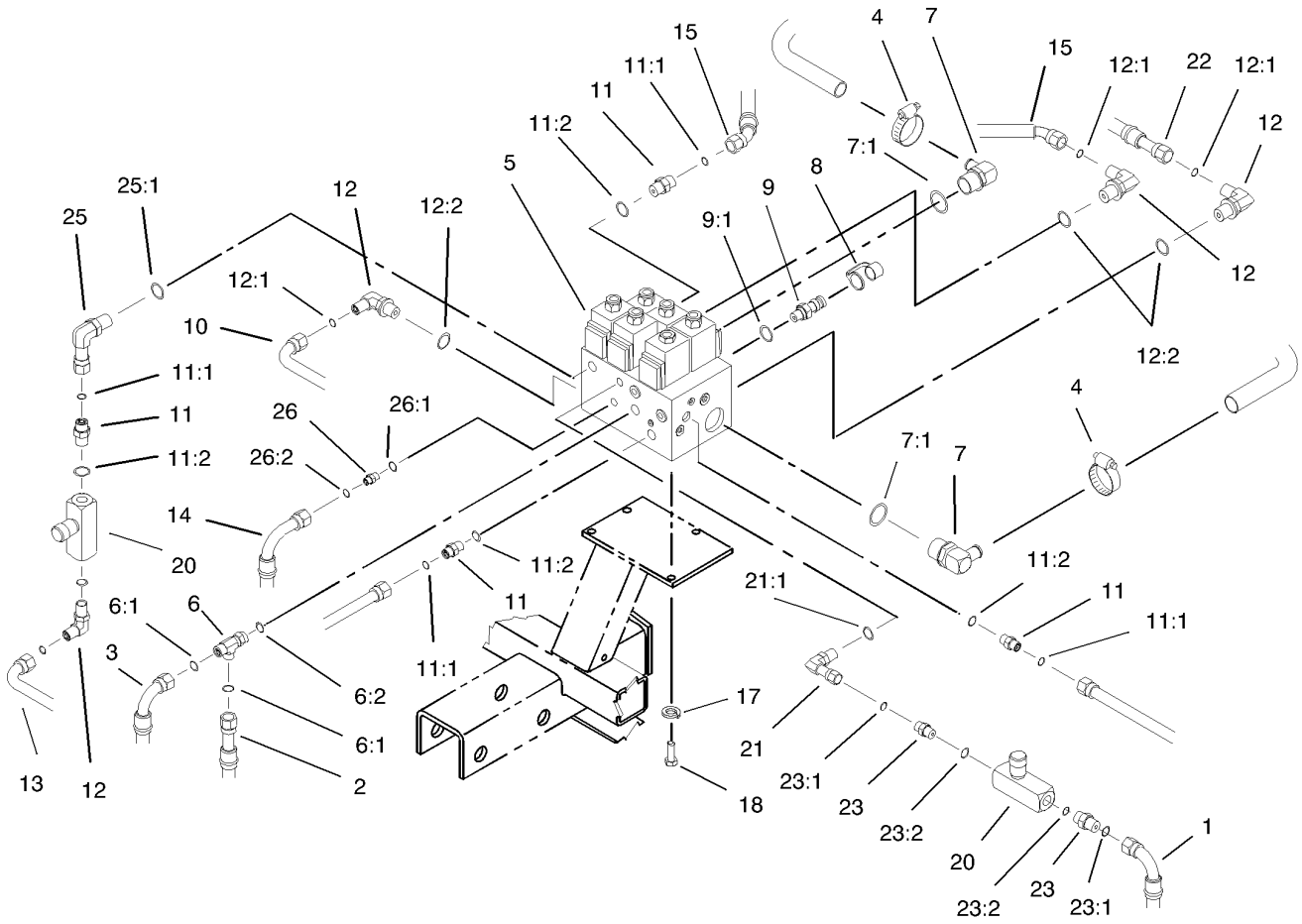
Ref	Part No.	Qty.	Description
1	99-6974-03	1	Screen-Front
2	3269-10	5	Washer-Back
3	66-8800	1	Relay
4	70-1480	1	Relay
5	240-3	2	Grommet-Rubber
6	99-6973-03	1	Shield-Radiator
8	93-3623	2	Strip-Sealing, Radiator
9	104-0075	1	HYD Hose ASM
10	3296-42	3	Nut-Lock, NI
11	104-0074	1	HYD Hose ASM
12	99-6999	2	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

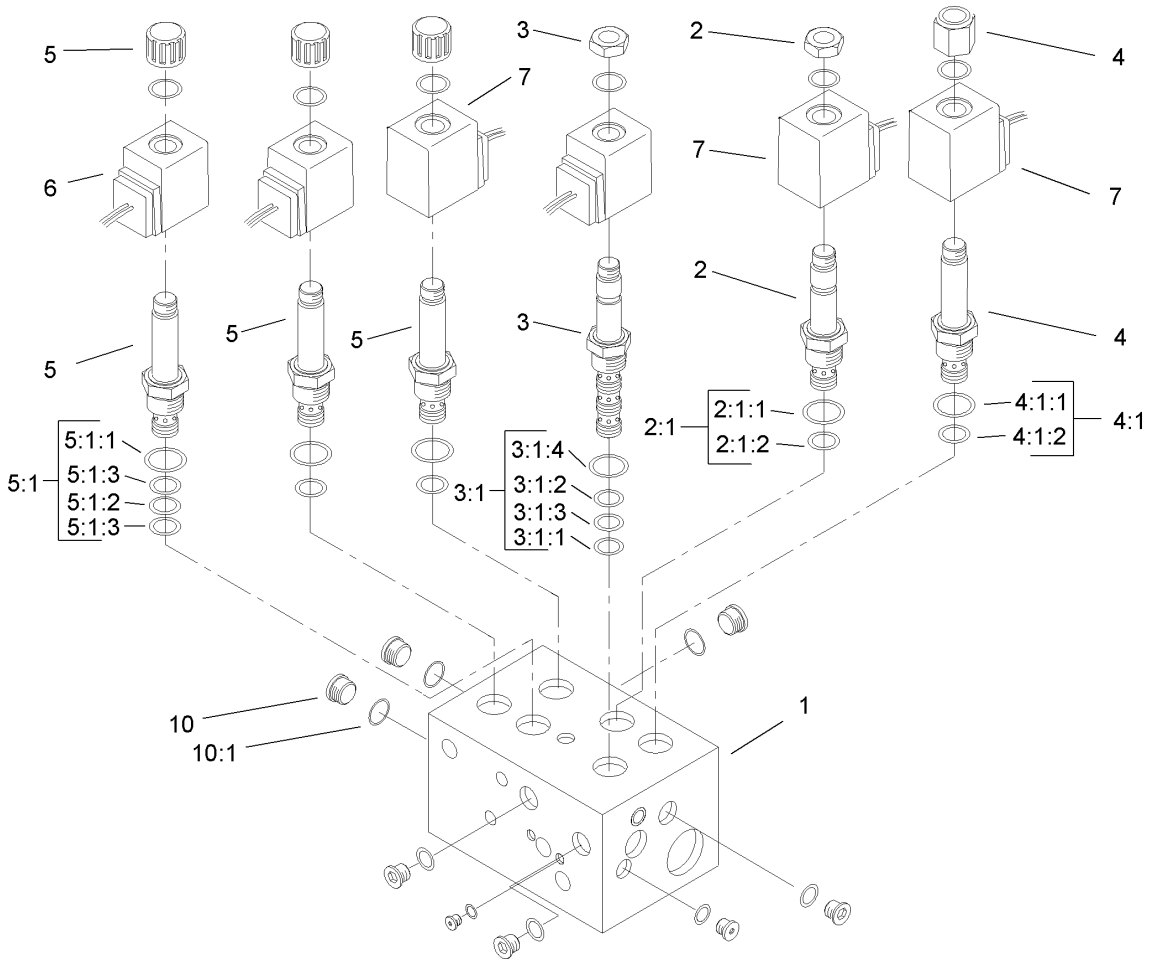
Ref	Part No.	Qty.	Description
20	66-6140	2	Decal
21	104-1453	1	Grommet
22	104-0042-03	1	Strap-Hinge
23	104-0043-03	1	Screen-Rear
24	3229-3	4	Screw-CARR
25	32128-33	4	Nut-HF
26	104-1429	2	Spacer-Plastic
27	3296-12	2	Nut-Lock
28	3256-51	2	Washer-Flat
29	104-1452	2	Screw-PPH
30	104-1451	4	Screw-Tap, PPH
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

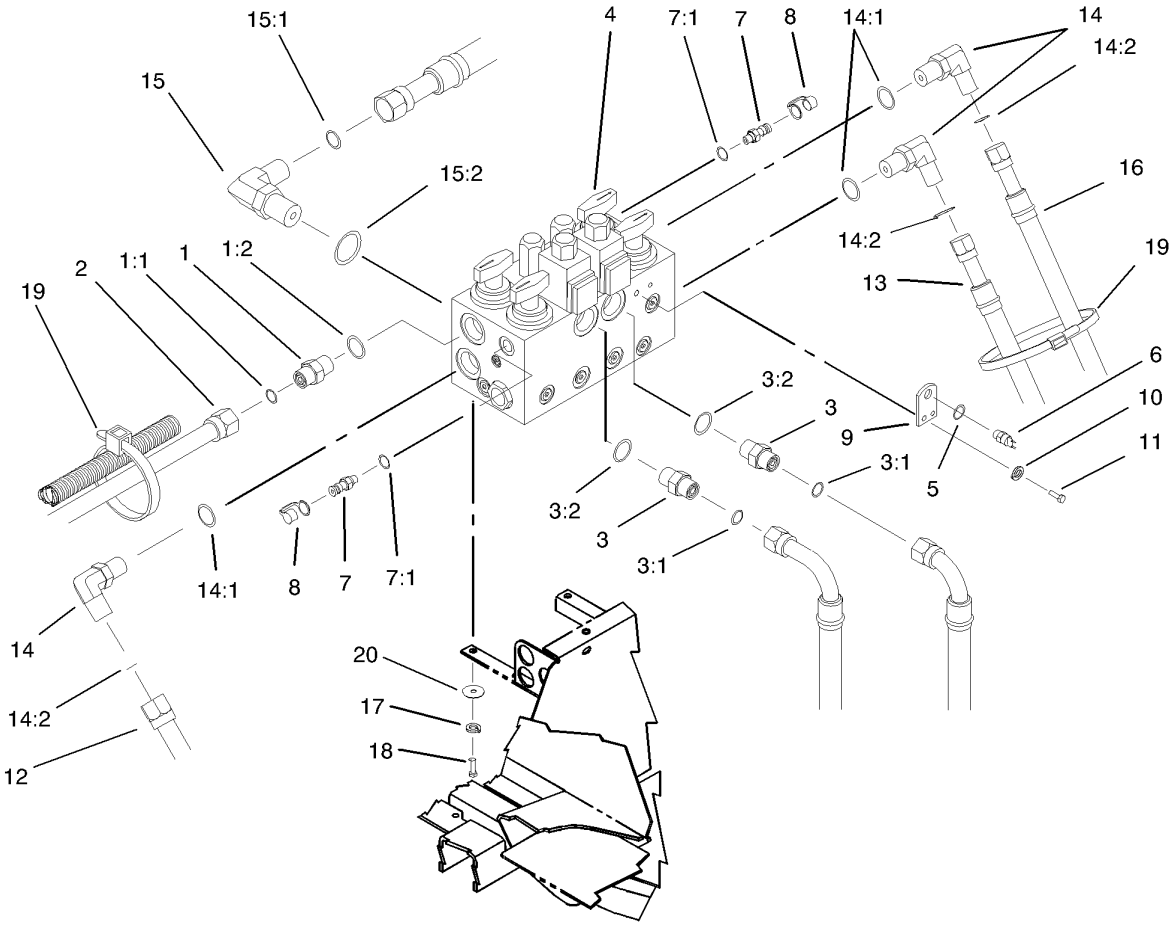
Ref	Part No.	Qty.	Description
18	322-3	3	Screw-HH
20	98-9742	2	Valve-Control, Flow
21	340-143	1	Elbow-Swivel, 90 DEG
21:1	237-78	1	O-Ring
22	104-0054	1	HYD Hose ASM
23	340-1	2	Adapter
23:1	237-21	1	O-Ring
23:2	237-42	1	O-Ring
25	340-110	1	Fitting-Swivel, 90 DEG
25:1	237-42	1	O-Ring
26	340-92	1	Fitting-Hyd, 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	95-5645	1	Seal Kit
❷2:1:1		1	O-Ring
❷2:1:2		1	O-Ring
3	94-2627	1	Cartridge
3:1	95-5642	1	Seal Kit
❷3:1:1		1	O-Ring
❷3:1:2		1	O-Ring
❷3:1:3		1	O-Ring
❷3:1:4		1	Ring-Boss, Low Compression
4	93-7494	1	Cartridge
4:1	95-5645	1	Seal Kit
❷4:1:1		1	O-Ring
❷4:1:2		1	O-Ring
5	105-3327	3	Valve-Cartridge, Double Blocking
5:1	105-3334	1	Seal Kit
❷5:1:1		1	O-Ring
❷5:1:2		1	O-Ring
❷5:1:3		2	Ring-Backup
6	83-2010	3	Coil-Valve
7	105-3328	3	Coil-Solonoid
❶❷8		4	Plug
❶❷9		1	Plug

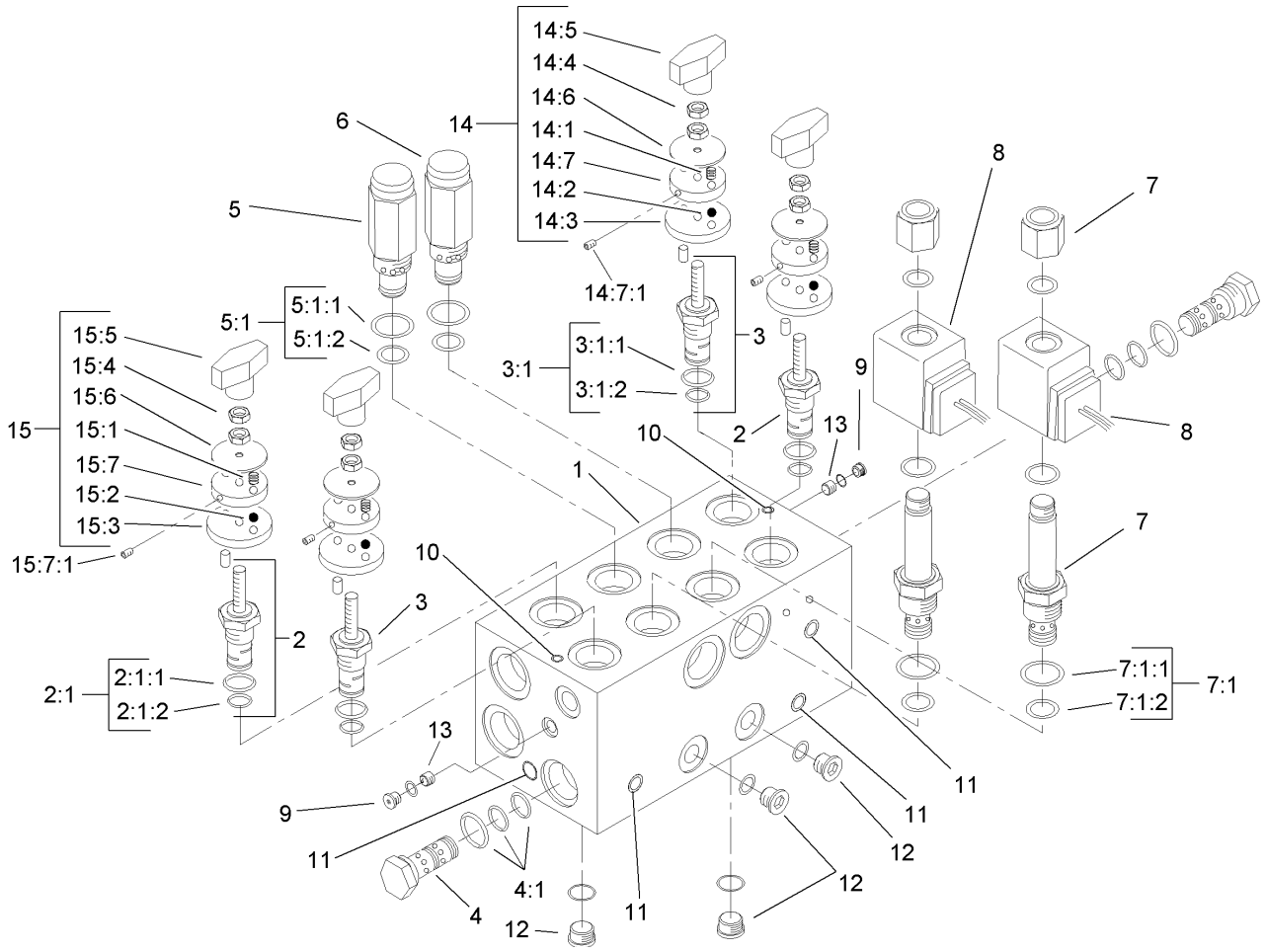
Ref	Part No.	Qty.	Description
10	353-989	7	Plug-Hex, Hollow
10:1	237-42	1	O-Ring



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

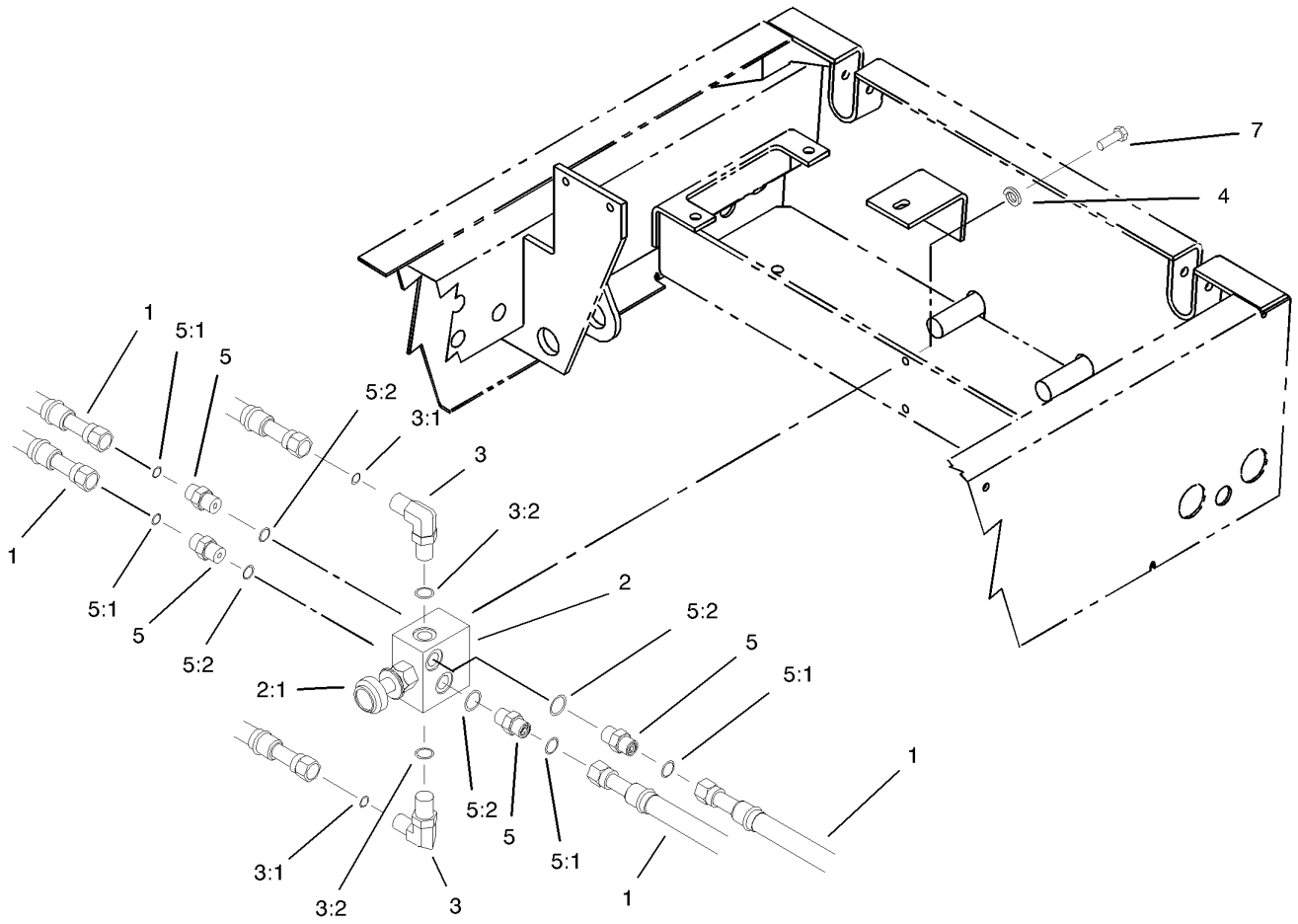
Ref	Part No.	Qty.	Description
16	104-0066	1	HYD Hose ASM
17	3253-4	4	Washer-Lock
18	322-3	4	Screw-HH
19	3290-378	2	Tie-Cable
20	3256-23	4	Washer-Flat



Mow Block Assembly No. 99-6978

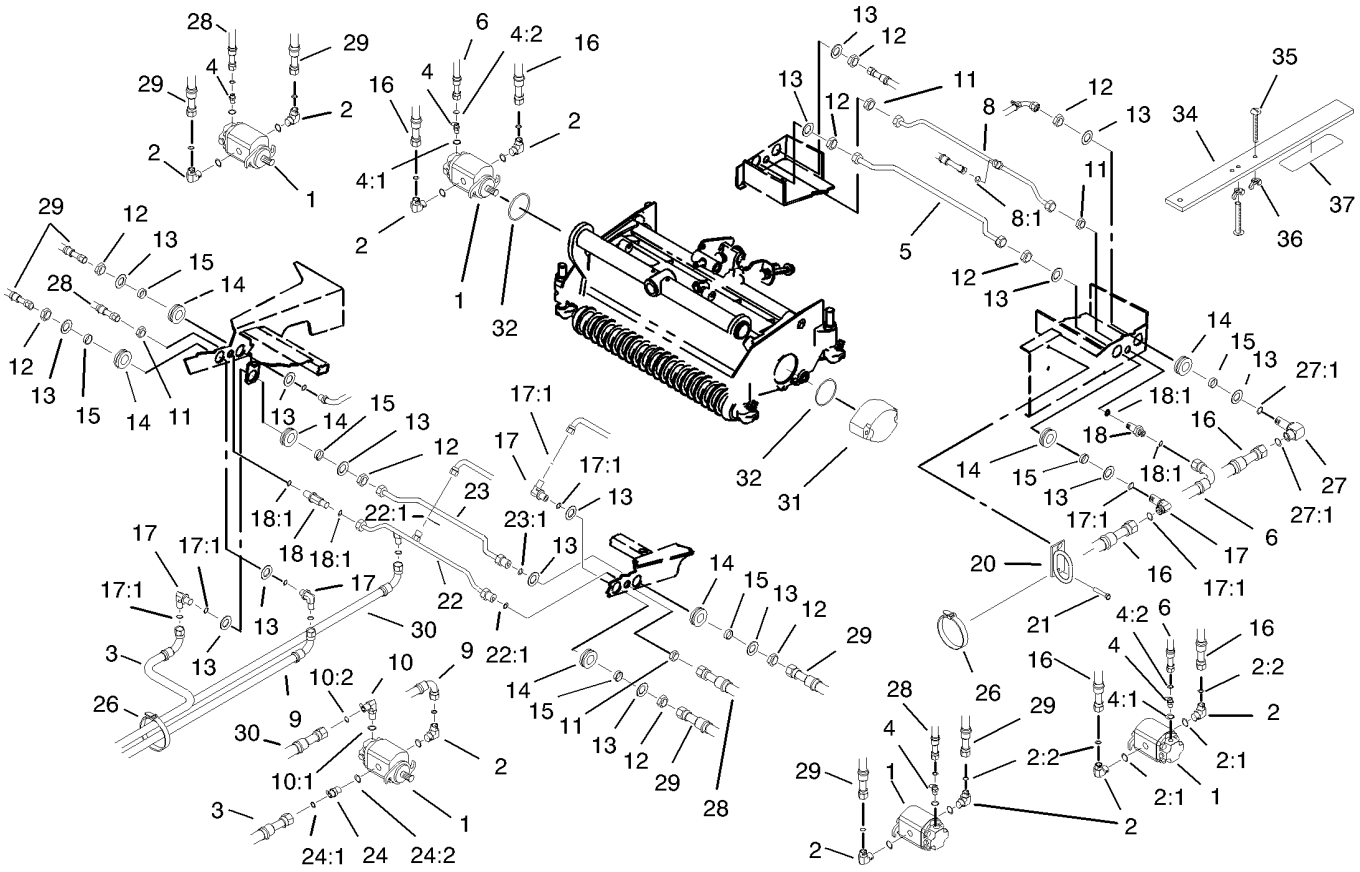
Ref	Part No.	Qty.	Description
❷1		1	Body-Manifold
2	94-3657	2	Spool ASM
2:1	106-1091	1	Seal Kit
❷2:1:1		1	O-Ring
❷2:1:2		1	O-Ring
3	94-8175	2	Control-Flow, Rotary
3:1	106-1090	1	Seal Kit
❷3:1:1		1	O-Ring
❷3:1:2		1	O-Ring
4	69-4120	2	Cartridge-Logic
4:1	69-4240	1	Seal Kit
5	94-3655	1	Valve-Relief
5:1	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-Set, HS
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-Set, HS



Rear Hydraulic Manifold Assembly

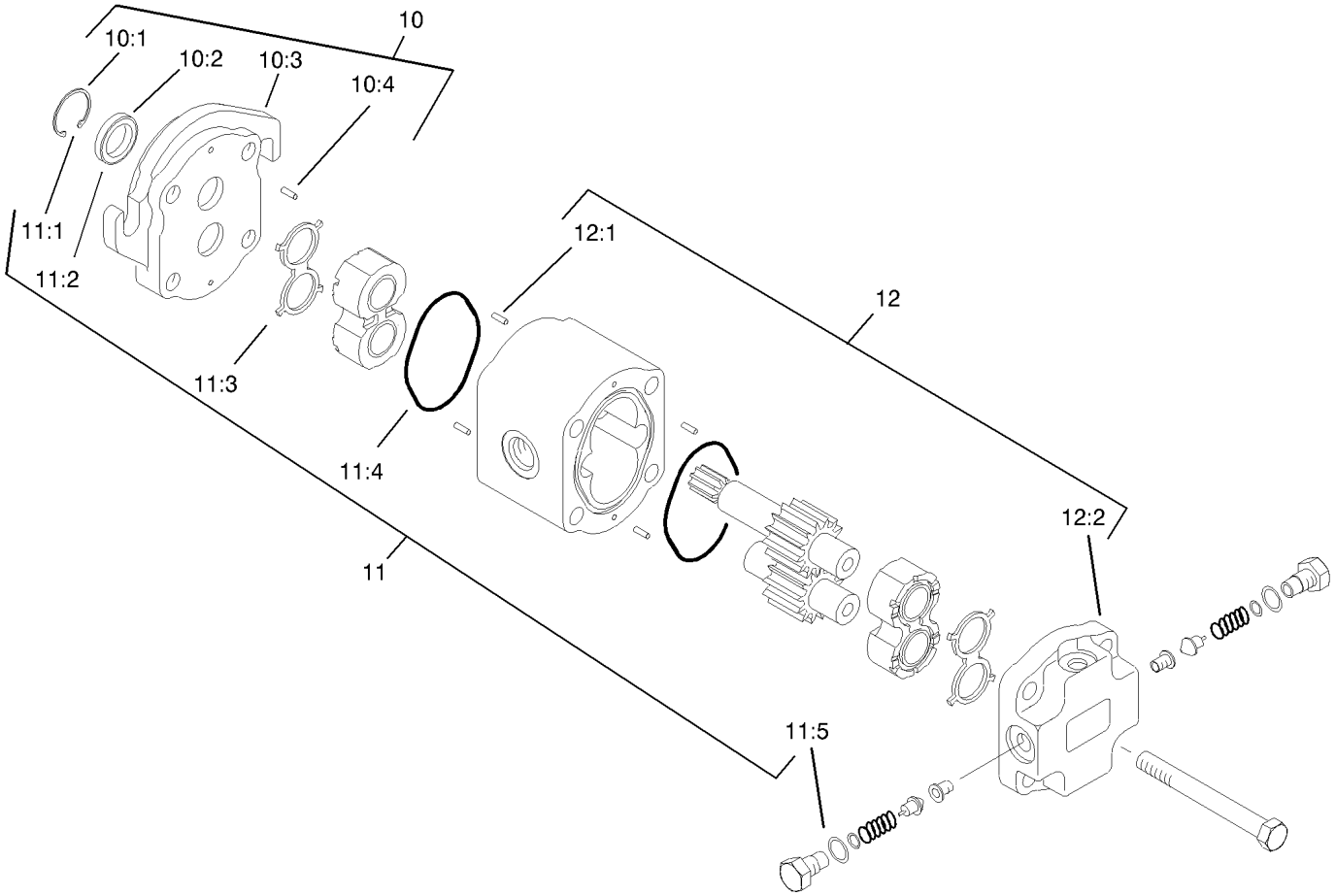
Ref	Part No.	Qty.	Description
1	104-0052	4	HYD Hose ASM
2	104-9250	1	Control-Flow
2:1	107-1800	1	Cartridge Kit
❶2:1:1	105-3334	1	Seal Kit
❶2:1:2	105-7514	1	Cartridge Knob Kit
3	340-77	2	Fitting-Hyd, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	3253-3	2	Washer-Lock
5	340-2	4	Fitting-Hyd, Straight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

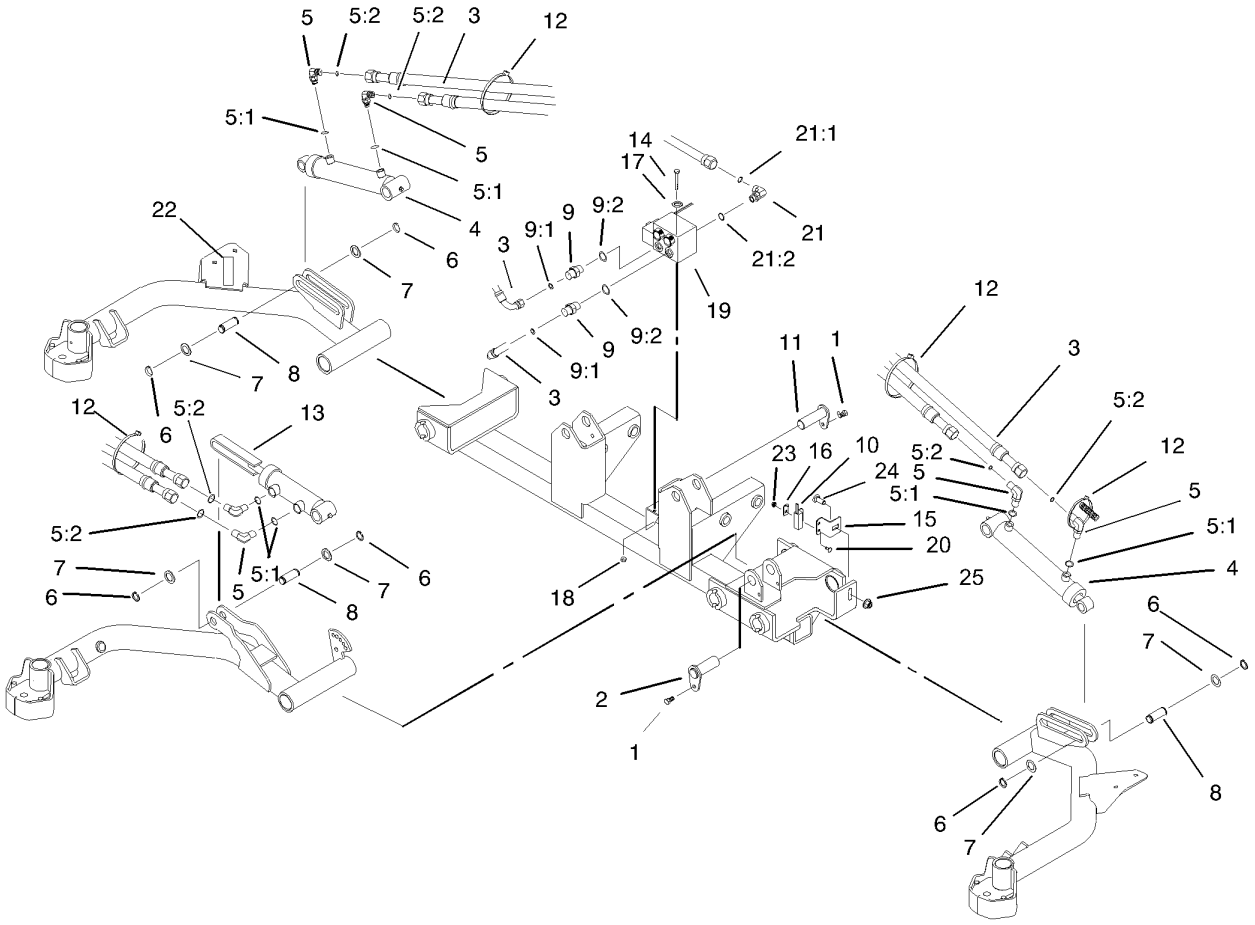
Ref	Part No.	Qty.	Description
1	98-9999	5	HYD Motor ASM
2	340-98	9	Fitting-Hyd, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	104-0067	1	HYD Hose ASM
4	340-92	4	Fitting-Hyd, Straight
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	94-4918	1	Tube ASM
6	104-0058	2	HYD Hose ASM
8	100-3714	1	Drain Tube ASM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

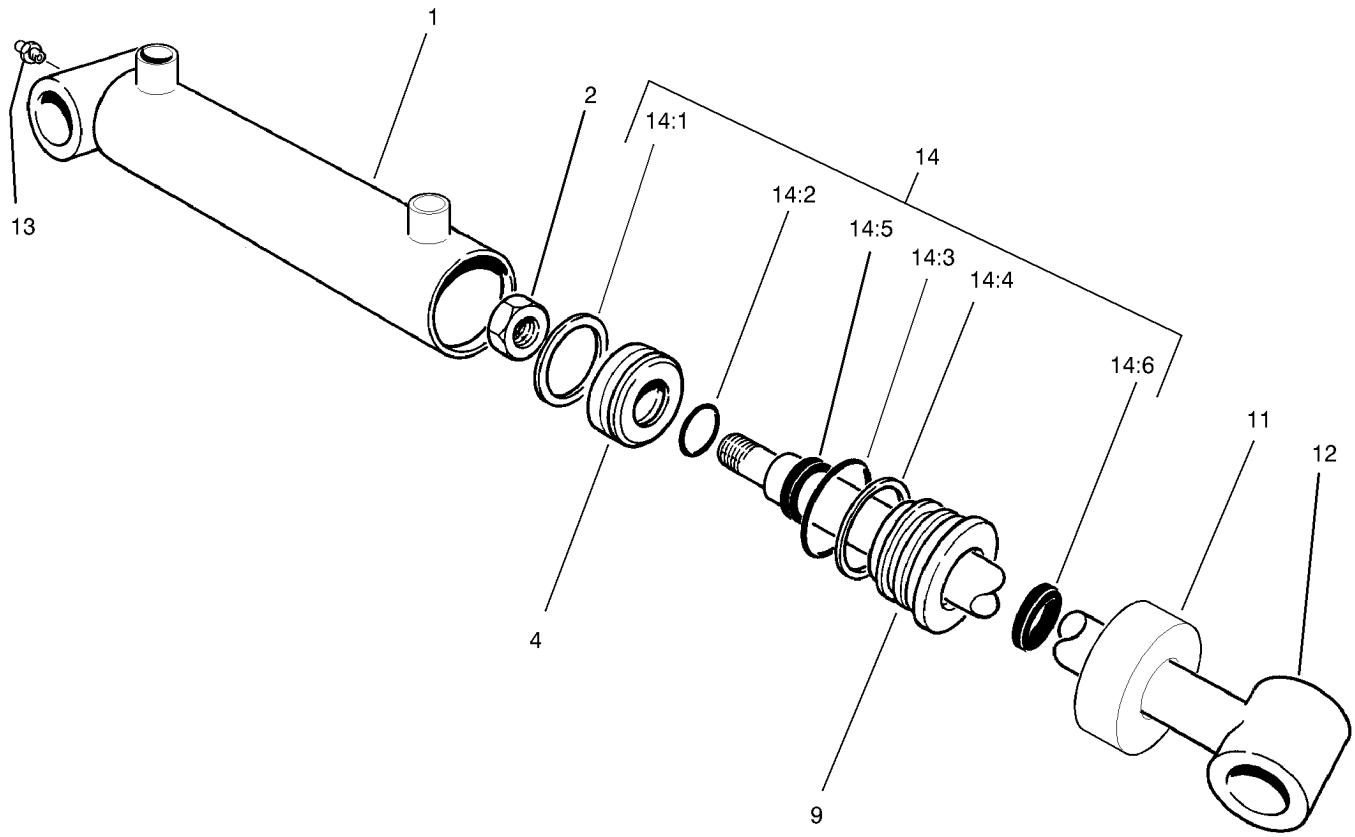
Ref	Part No.	Qty.	Description
10	93-9152	1	Flange Kit
❷10:1		1	Ring-Retaining
❷10:2		1	Seal-Shaft
❷10:3		1	Flange
❷10:4		4	Pin-Dowel
11	98-9997	1	Seal Kit
❷11:1		1	Ring-Retaining
❷11:2		1	Seal-Shaft
❷11:3		2	E-Seal
❷11:4		2	O-Ring
❷11:5		2	O-Ring
12	93-9154	1	Valve Block Kit
❷12:1		4	Pin-Dowel
❷12:2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



Front Lift Circuit Assembly

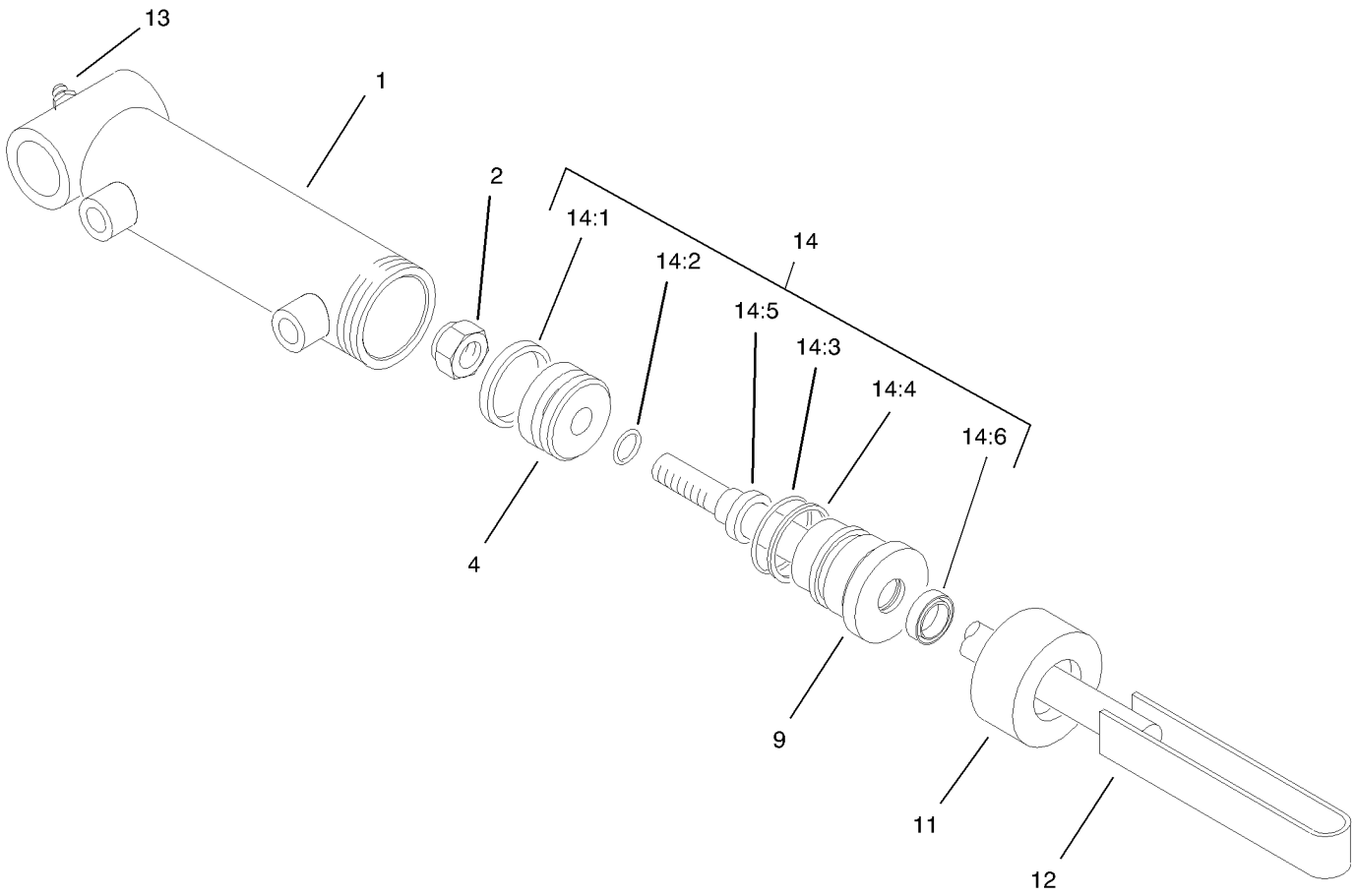
Ref	Part No.	Qty.	Description
1	32144-14	3	Screw-HWH
2	106-9208	1	Short Cylinder Pin ASM
3	104-0059	2	HYD Hose ASM
4	99-6986	2	Cylinder-HYD
5	340-132	6	Fitting-Hyd, 90 DEG
5:1	237-78	1	O-Ring
5:2	237-21	1	O-Ring
6	32120-93	6	Ring-Retaining
7	3-6498	6	Washer-Thrust
8	104-0046	3	Pin-Slide, Cylinder
9	340-2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



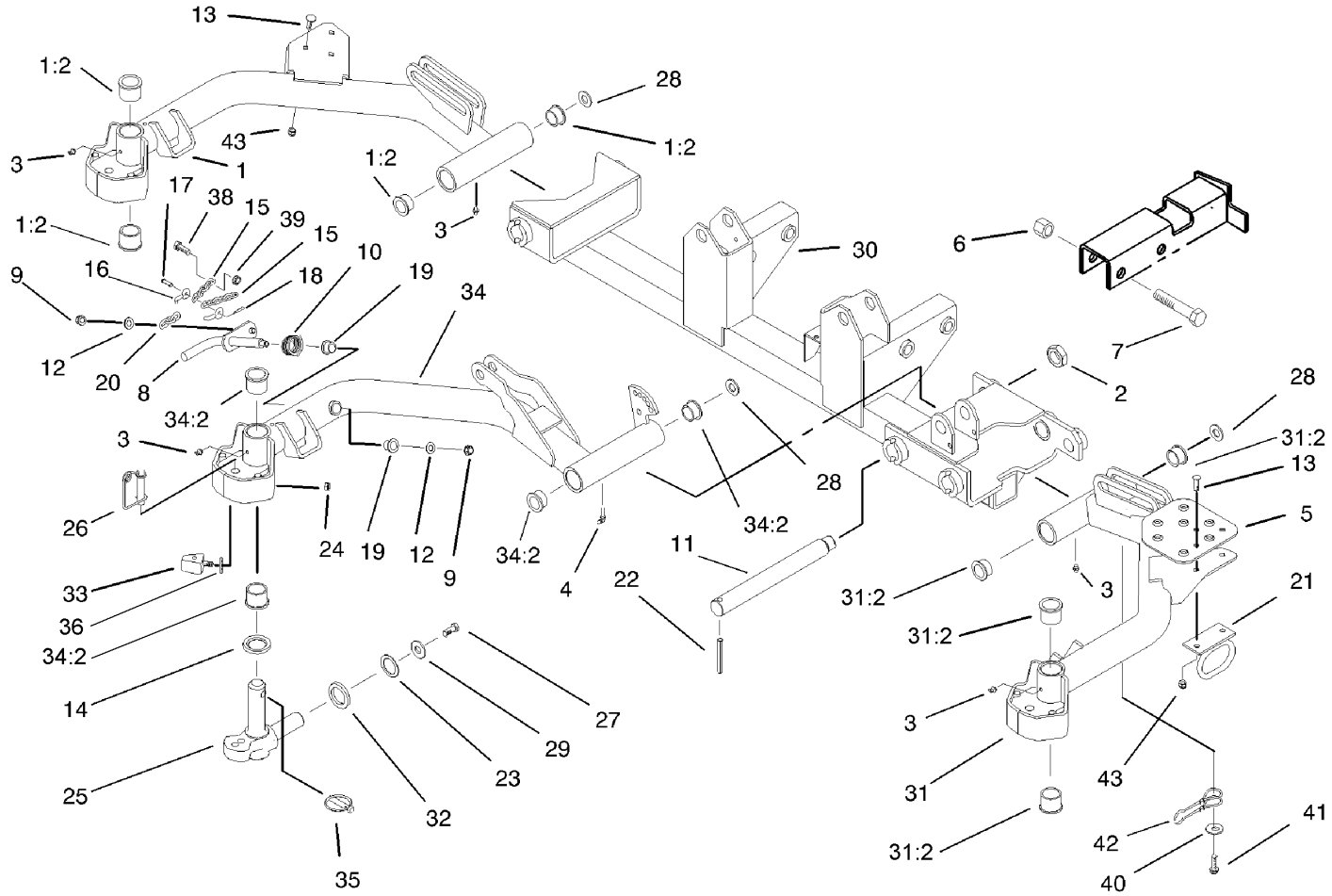
Hydraulic Cylinder Assembly No. 99-6986

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

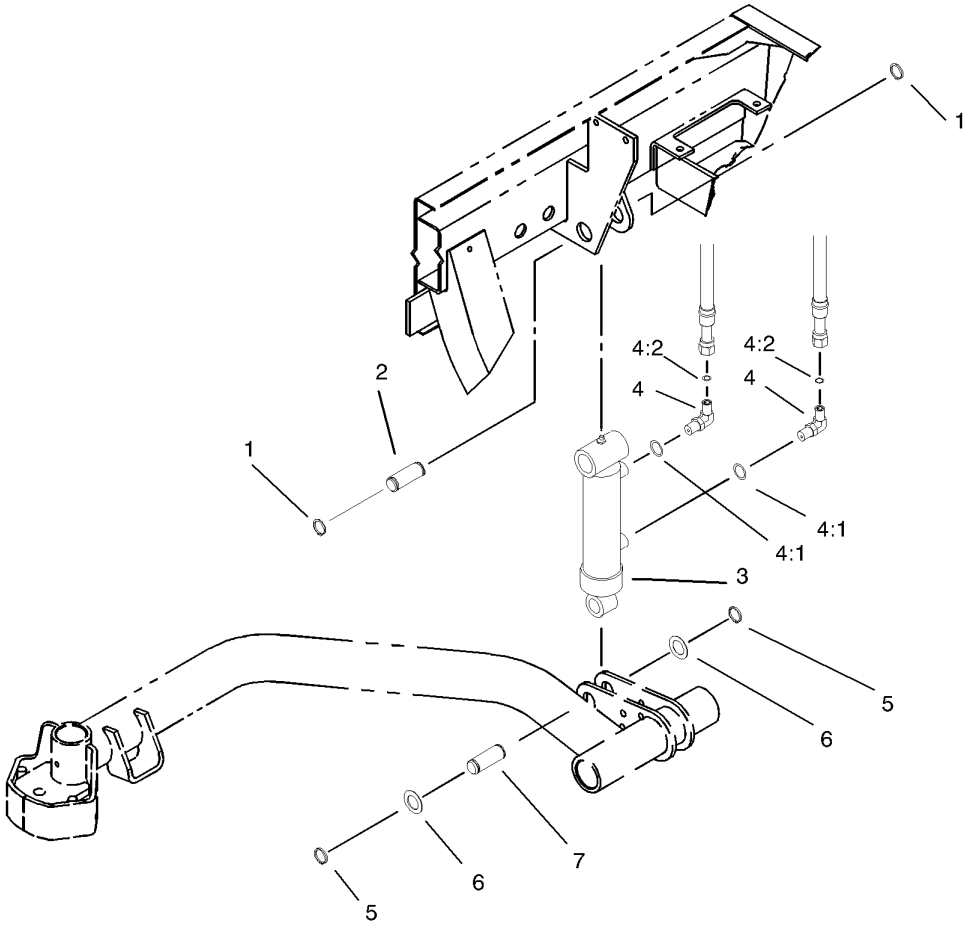
Ref	Part No.	Qty.	Description
❷1		1	Barrel
2	32152-10	1	Locknut
❷4		1	Piston
❷9		1	Head
❷11		1	Collar
❷12		1	Shaft W/clevis
❷13		1	Fitting-Grease
14	100-8023	1	Seal Repair Kit
❷14:1		1	Seal-Psp
❷14:2		1	O-Ring
❷14:3		1	O-Ring
❷14:4		1	Backup
❷14:5		1	Seal-Rod
❷14:6		1	Seal-Dust



Front Lift Arm Assembly

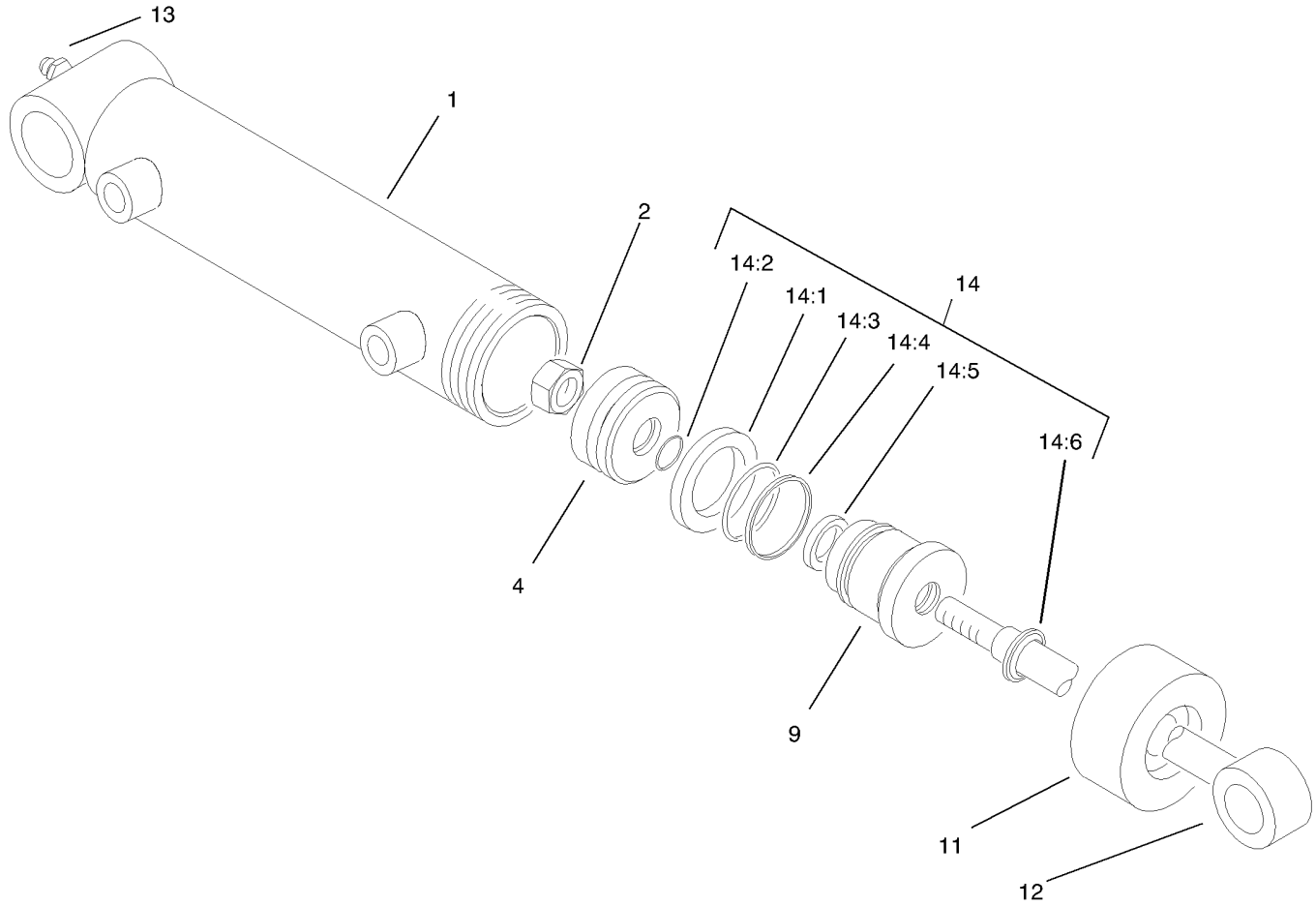
Ref	Part No.	Qty.	Description
1	99-6905-03	1	Arm ASM #5
1:2	104-0015	2	Bushing-Flange
2	3296-49	3	Nut-Lock, NI
3	302-5	5	Fitting-Grease
4	302-60	1	Fitting-Grease
5	104-1438-03	1	Step-Perforated
6	3296-51	4	Nut-Lock, NI
7	328-7	4	Screw-HH
8	99-6941-03	1	Pivot Rod ASM
9	3296-39	2	Nut-Lock, NI
10	98-3929	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
31:2	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



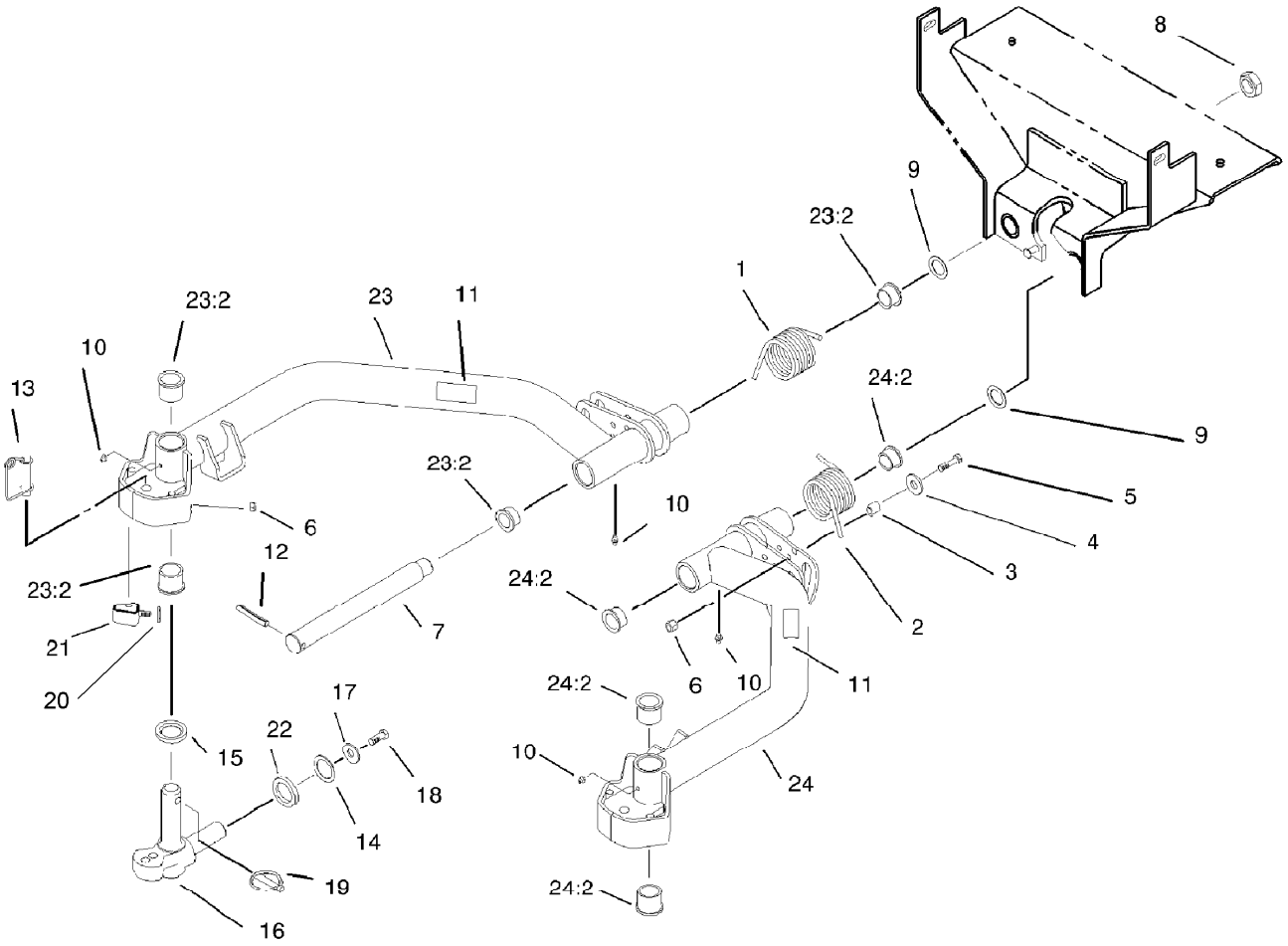
Rear Lift Cylinder Assembly

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

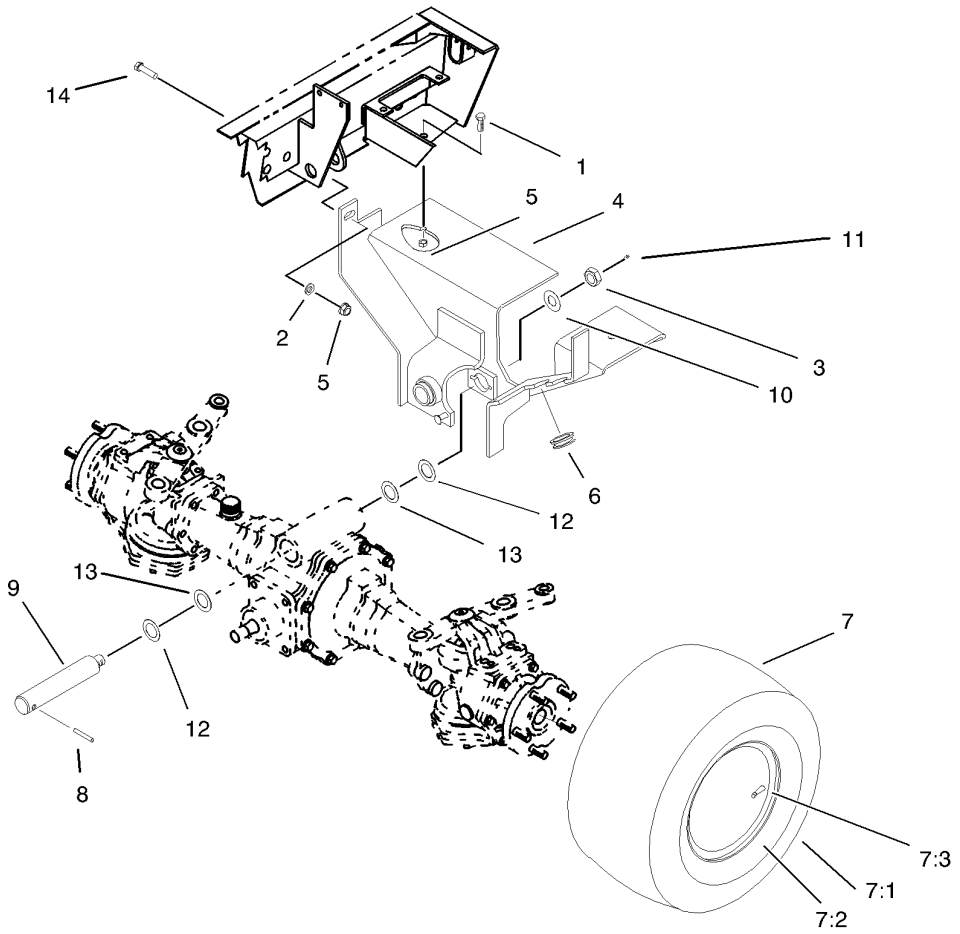
Ref	Part No.	Qty.	Description
❷1		1	Barrel
2	32152-10	1	Locknut
❷4		1	Piston
❷9		1	Head
❷11		1	Collar
❷12		1	Shaft W/clevis
❷13		1	Fitting-Grease
14	100-8023	1	Seal Repair Kit
❷14:1		1	Seal-Psp
❷14:2		1	O-Ring
❷14:3		1	O-Ring
❷14:4		1	Backup
❷14:5		1	Seal-Rod
❷14:6		1	Seal-Dust



Rear Lift Arm Assembly

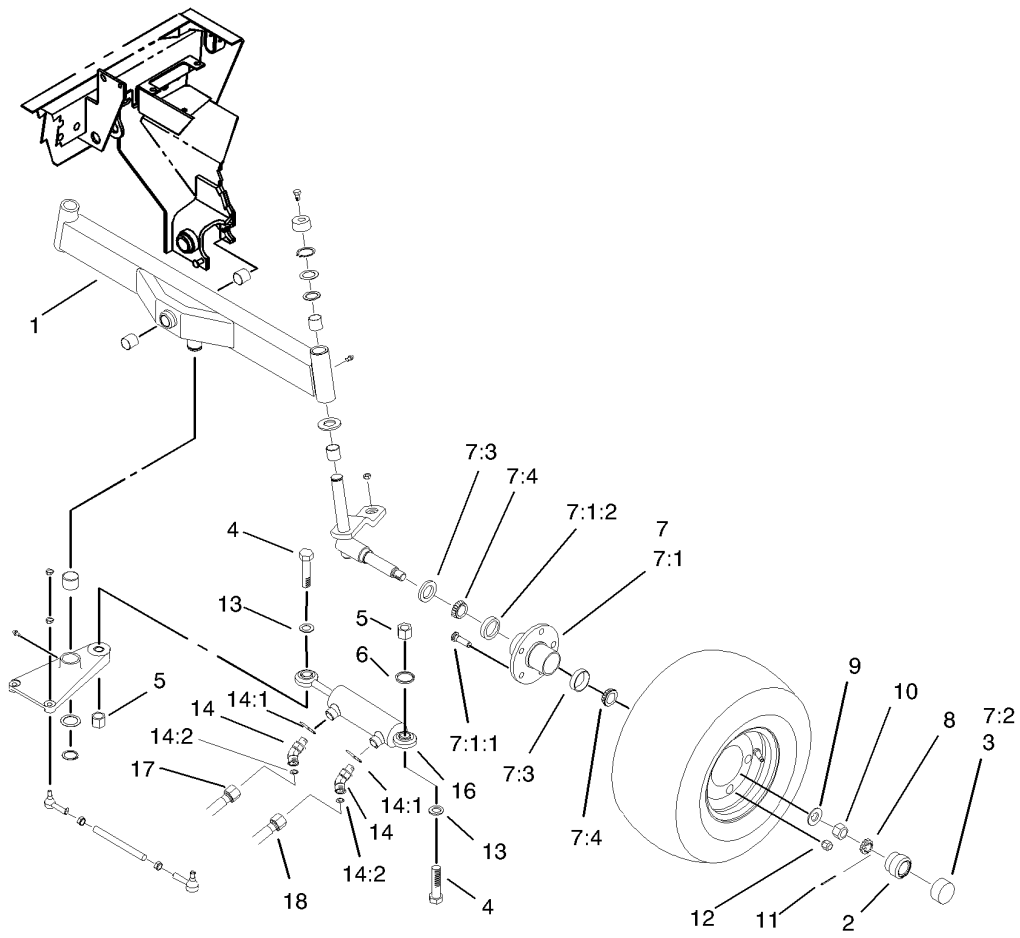
Ref	Part No.	Qty.	Description
1	99-5608-03	1	Spring-Torsion, RH
2	99-5609-03	1	Spring-Torsion, LH
3	82-6840	2	Spacer
4	3256-35	2	Washer-Flat
5	322-7	2	Screw-HH
6	3296-29	6	Nut-Lock, NI
7	95-7158	2	Pin-Pivot
8	3296-49	2	Nut-Lock, NI
9	76-2980	2	Washer-Thrust
10	302-5	4	Fitting-Grease
11	93-6696	2	Decal-Warning
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

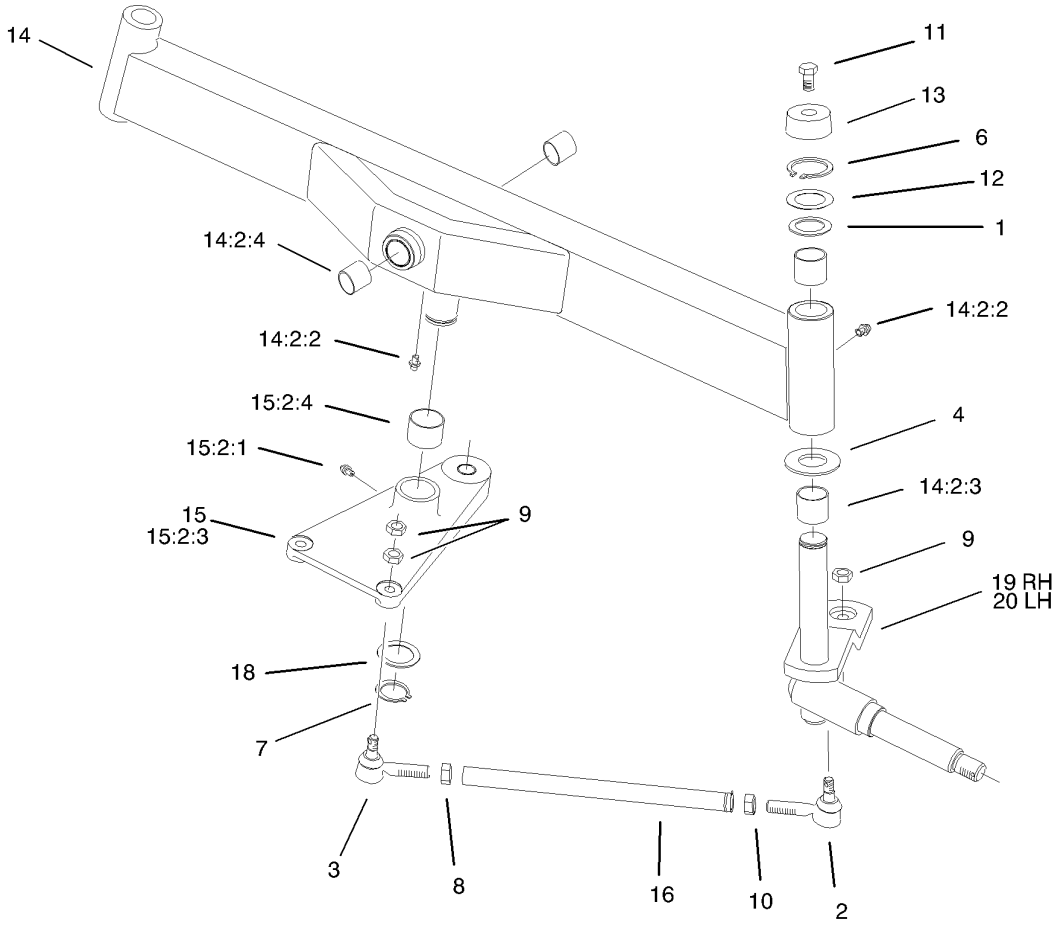
Ref	Part No.	Qty.	Description
1	323-7	2	Screw-HH
2	3256-24	2	Washer-Flat
3	32146-20	1	Nut-Jam
4	99-6940-03	1	Axle Support ASM
5	3296-39	4	Nut-Lock, NI
6	237-165	2	Grommet
❷7		2	Tire & Wheel ASM
7:1	86-5910	1	Tire
7:2	100-2582	1	Rim
7:3	232-27	1	Stem-Valve
8	32121-32	1	Pin-Roll
9	98-8173-03	1	Pin-Pivot,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



2 Wheel Drive Rear Axle Assembly

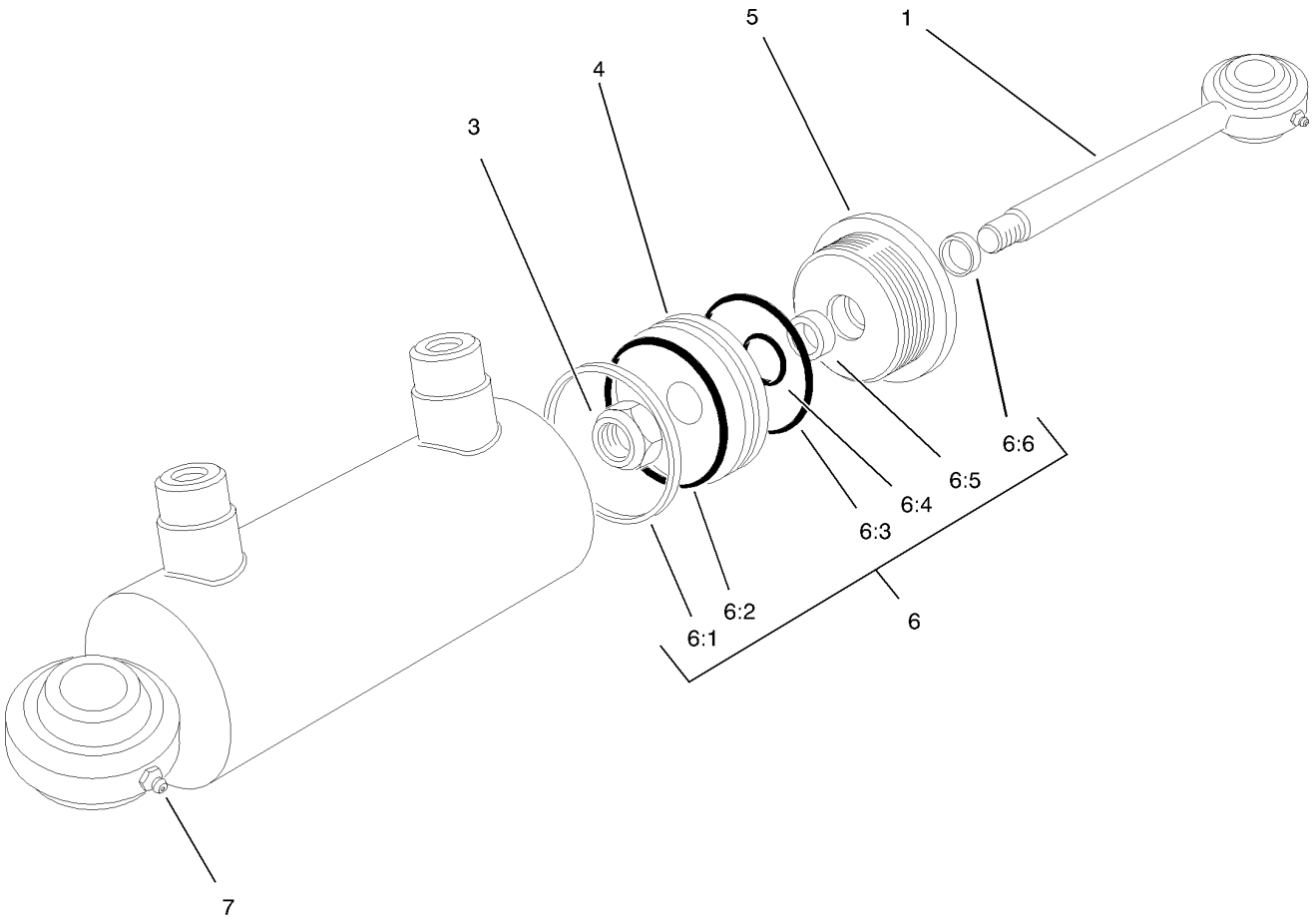
Ref	Part No.	Qty.	Description
❷1		1	Rear Axle ASM
2	100-3769	2	Protector-Bearing
3	100-3809	2	Cap-Protector, Bearing
4	328-25	2	Screw-HH
5	32153-6	2	Locknut
6	67-7250	1	Spacer-Ring
❷7		2	Hub ASM
7:1	21-2820	1	Hub ASM
7:1:1	10-6830	5	Stud-Type, Drive
7:1:2	254-72	2	Bearing-Cup, Tapered
7:2	241-119	1	Cap-Dust
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

Ref	Part No.	Qty.	Description
18	105-9295	1	Hose ASM



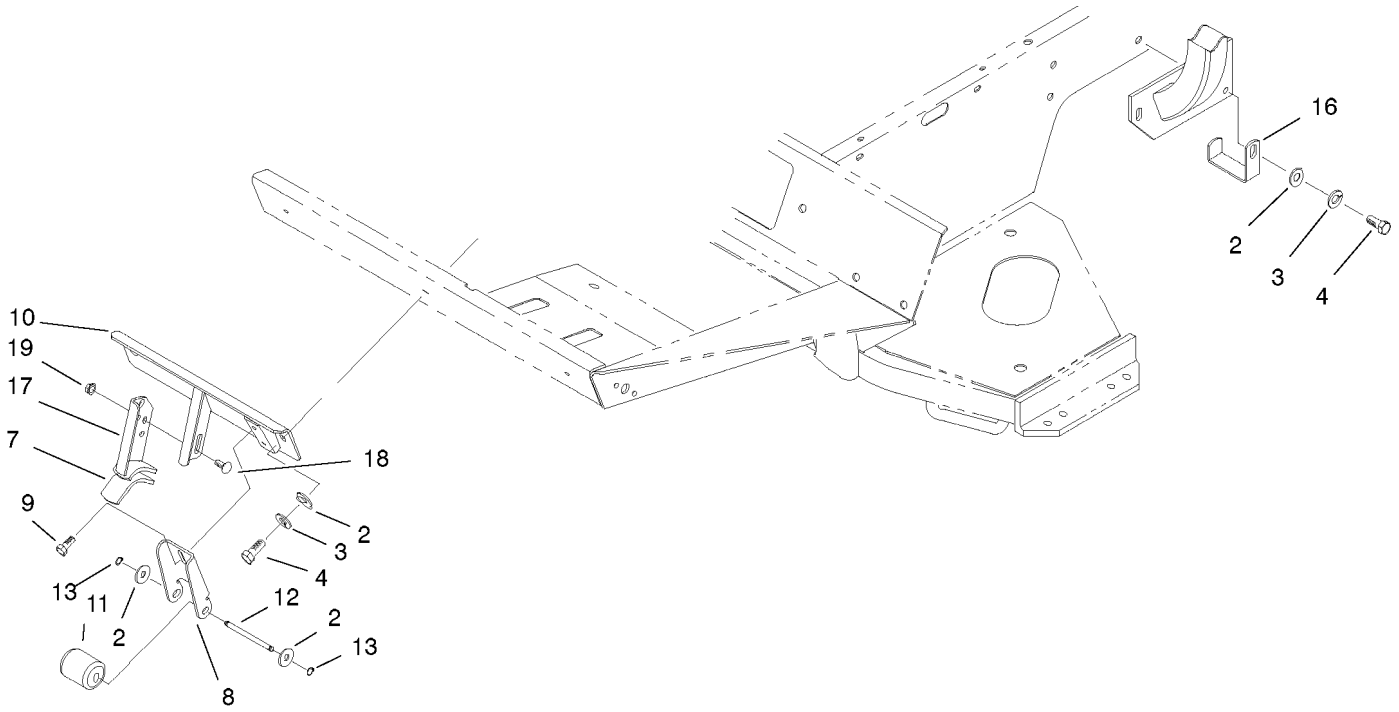
Rear Axle Assembly

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 No. 75-1200

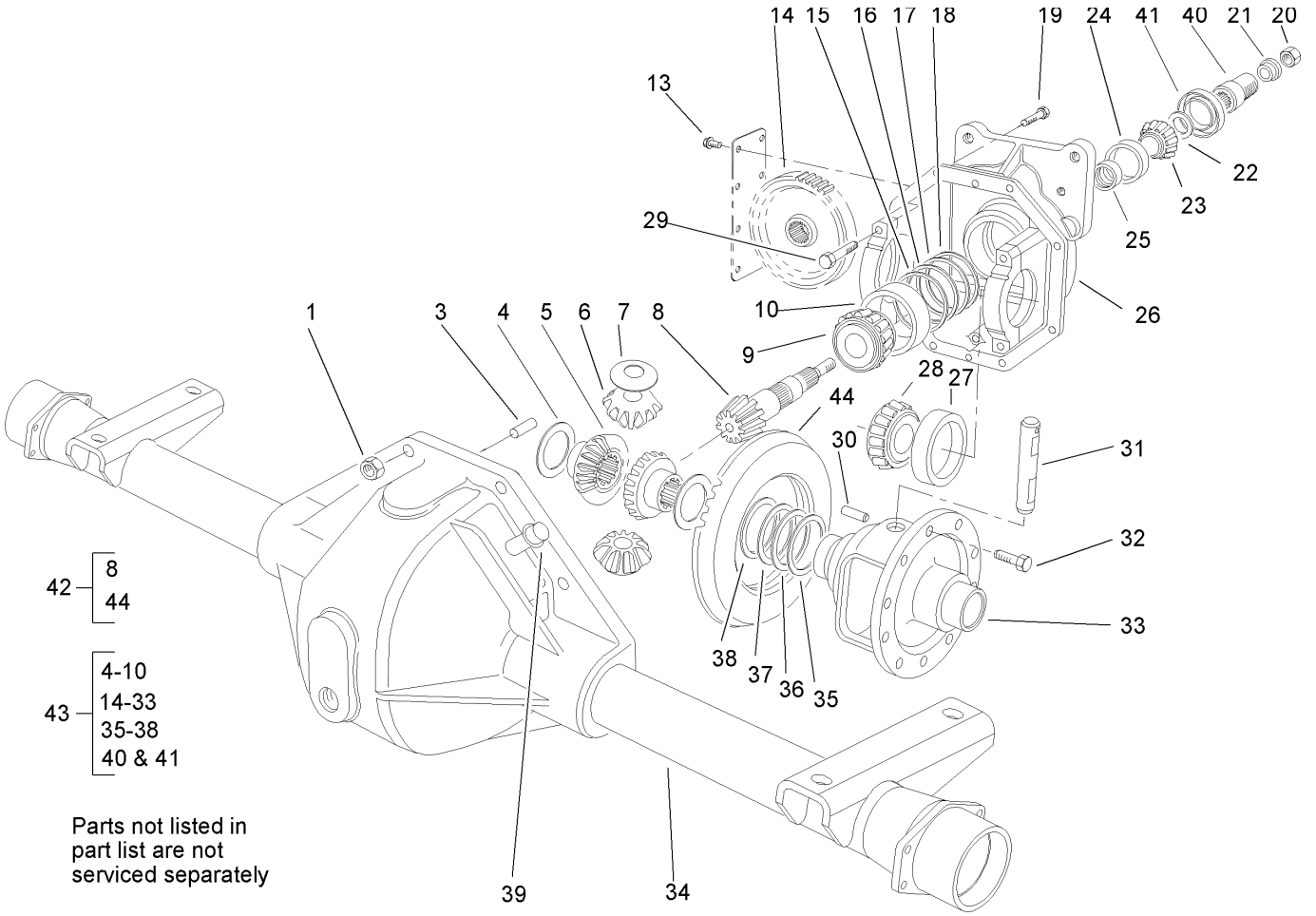
Ref	Part No.	Qty.	Description
❷1		1	Rod
❷3		1	Nut
❷4		1	Piston
❷5		1	Head
6	75-1250	1	Seal Kit
❷6:1		1	Ring-Servon
❷6:2		1	O-Ring
❷6:3		1	O-Ring
❷6:4		1	O-Ring
❷6:5		1	U-Cup
❷6:6		1	Wiper
7	302-5	2	Fitting-Grease



Stabilizer Assembly

Ref	Part No.	Qty.	Description
2	3256-26	6	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

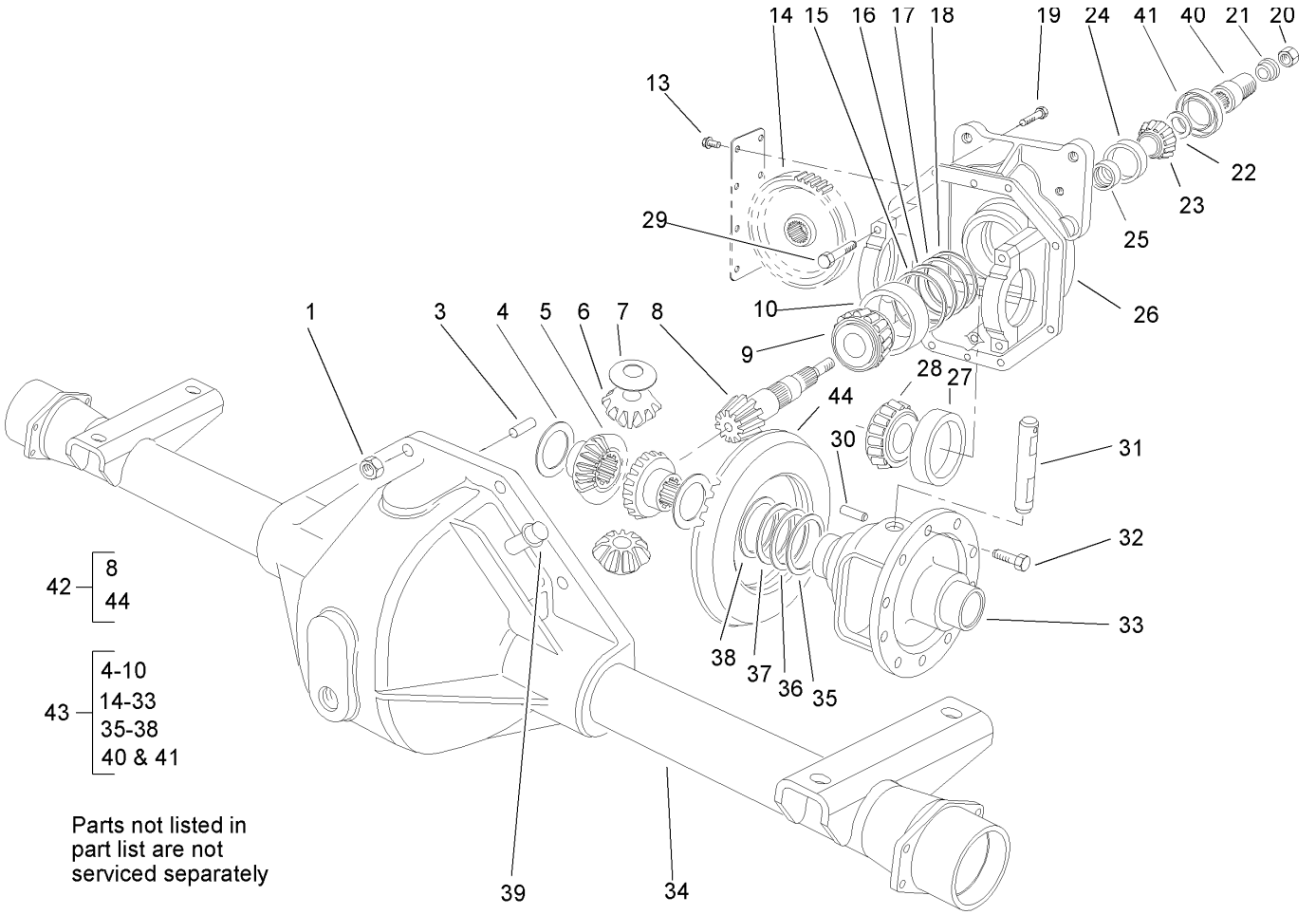
3351-457



Drive Axle Assembly No. 106-9212-03

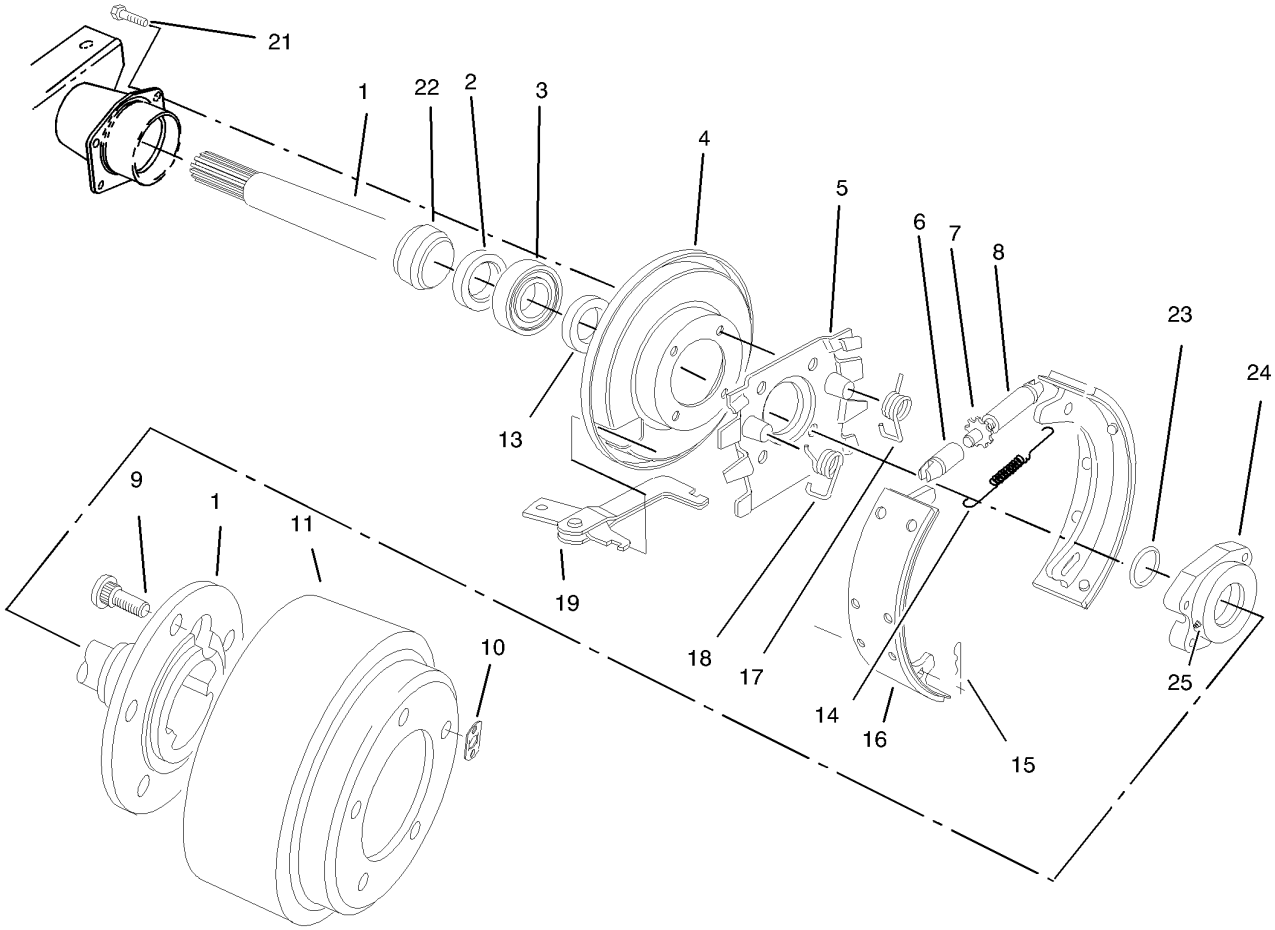
Ref	Part No.	Qty.	Description
1	32149-5	8	Nut
3	21-8270	2	Pin-Dowel
4	21-7720	2	Washer-Thrust
5	24-8790	2	Gear-Differential
6	21-7690	2	Pinion-Differential
7	21-7730	2	Washer-Thrust, Pinion
9	43-6760	1	Bearing-Roller, Cone Taper
10	43-6750	1	Bearing-Taper, Cup
13	32144-112	8	Screw-HWH
14	86-7230	1	Gear-Input, 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)

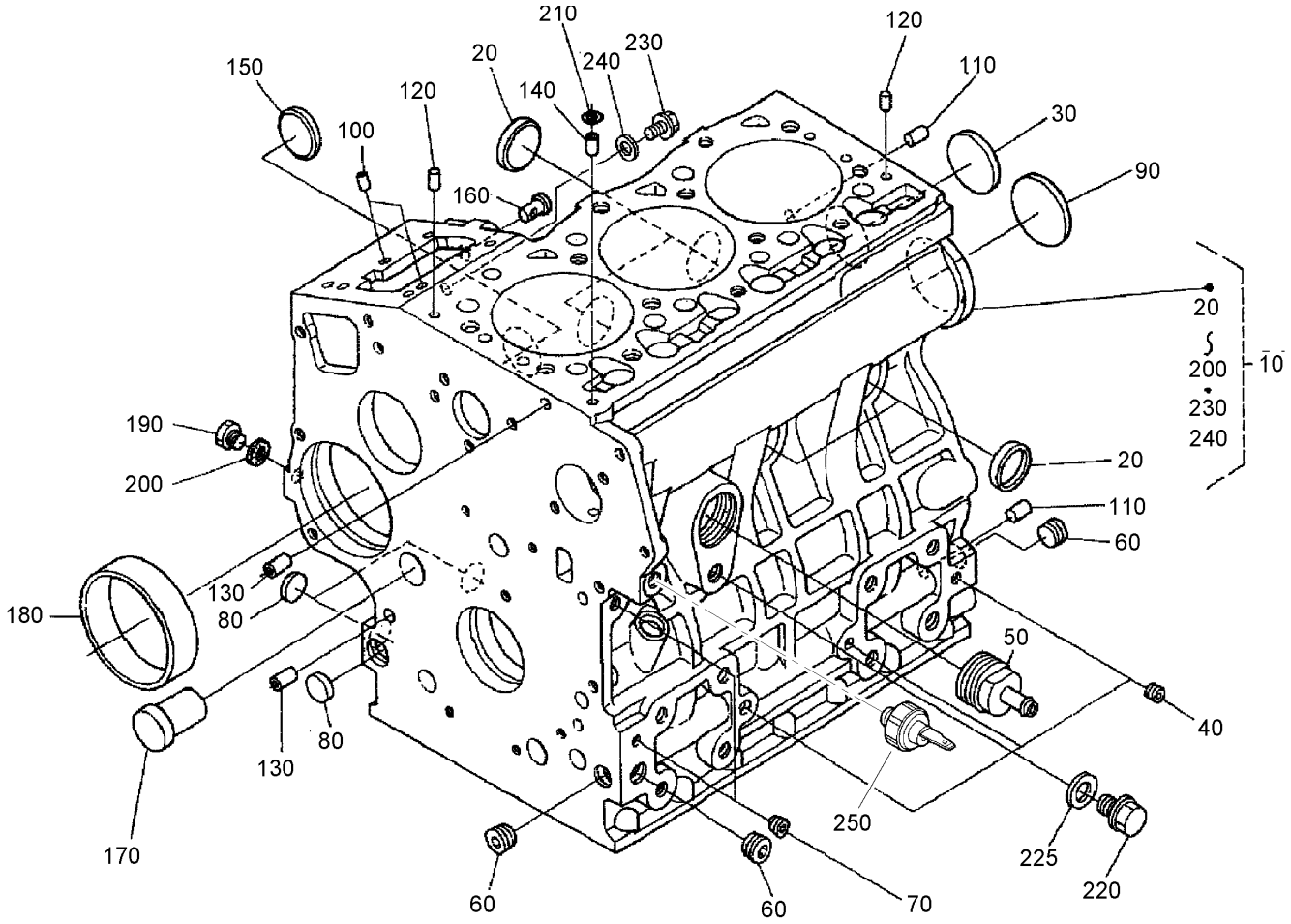
Ref	Part No.	Qty.	Description
26	93-3619	1	Upper Housing ASM
27	254-66	2	Cup-Bearing, Roller
28	254-65	2	Cone-Bearing, Roller
29	92-1773	4	Screw-HHF
30	21-7710	1	Pin-Roll
31	21-7700	1	Shaft-Mate, Pinion
32	21-7770	5	Screw-Gear, Drive
33	21-7670	1	Case-Differential
34	100-3744-03	1	Lower Housing ASM
35	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

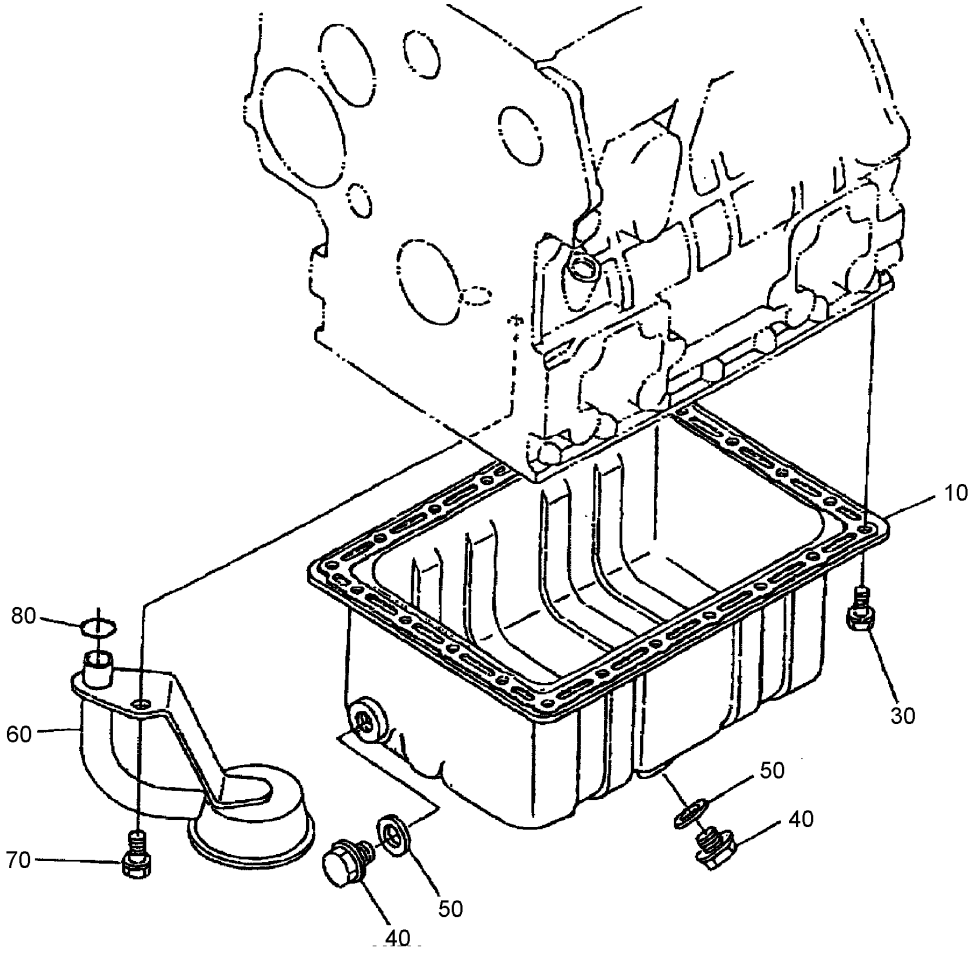
Ref	Part No.	Qty.	Description
❶26	84-8600	1	Set-Shoes, Lined
❶27	92-8775	1	Liquid Gasket Kit



Crankcase Assembly

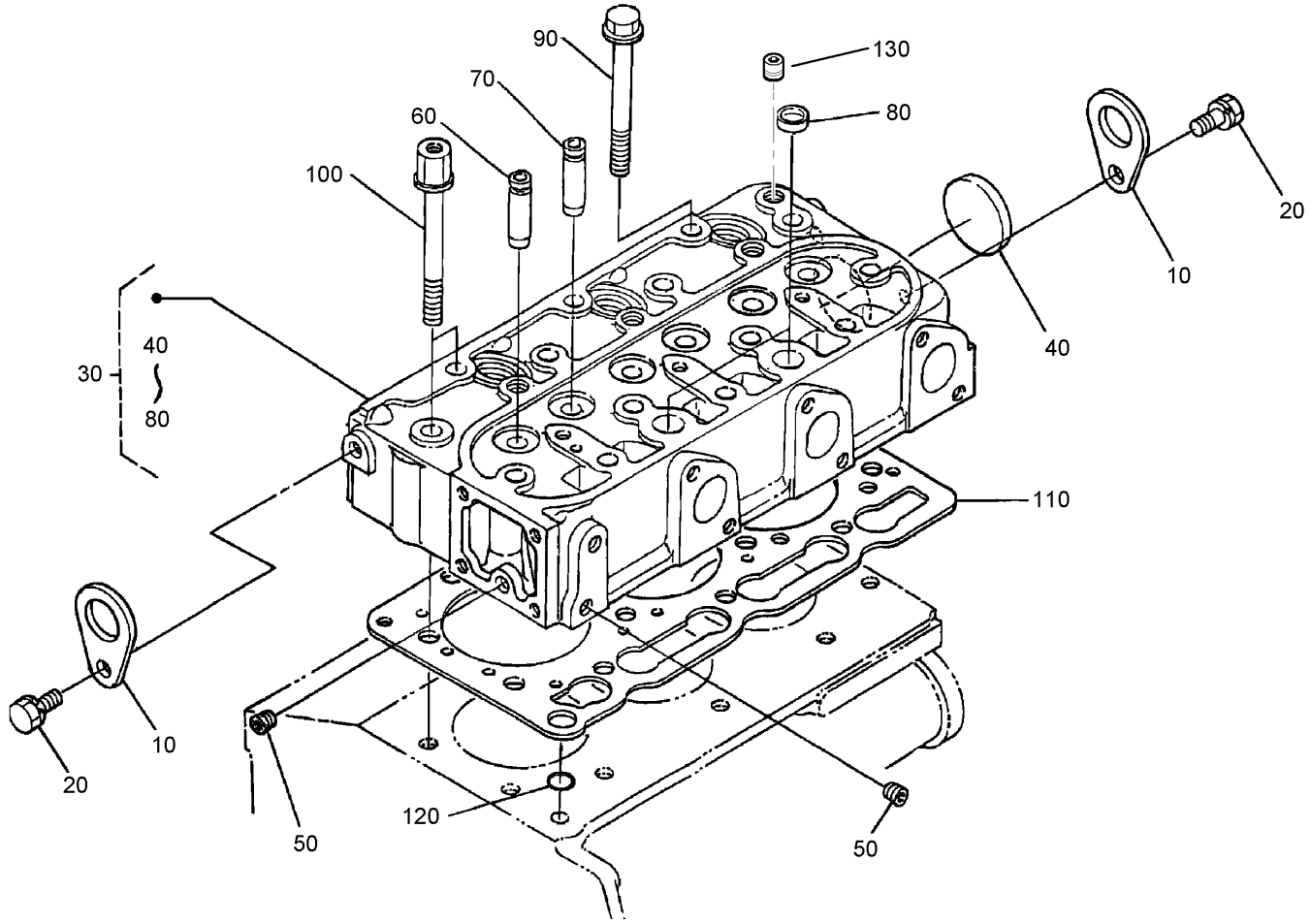
Ref	Part No.	Qty.	Description
10	99-8300	4	Crankcase ASM
20	98-9398	4	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-7540	3	Cap-Sealing
50	99-8347	1	Joint-Pipe, Drain
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-7489	3	Plug
90	98-9668	1	Plug
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	105-3795	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	98-7509	1	O-Ring
220	99-3447	1	Plug
225	106-7056	1	Gasket
230	99-8363	1	Bolt-Flange

Ref	Part No.	Qty.	Description
240	98-7654	1	Gasket
250	98-9416	1	Switch-Oil



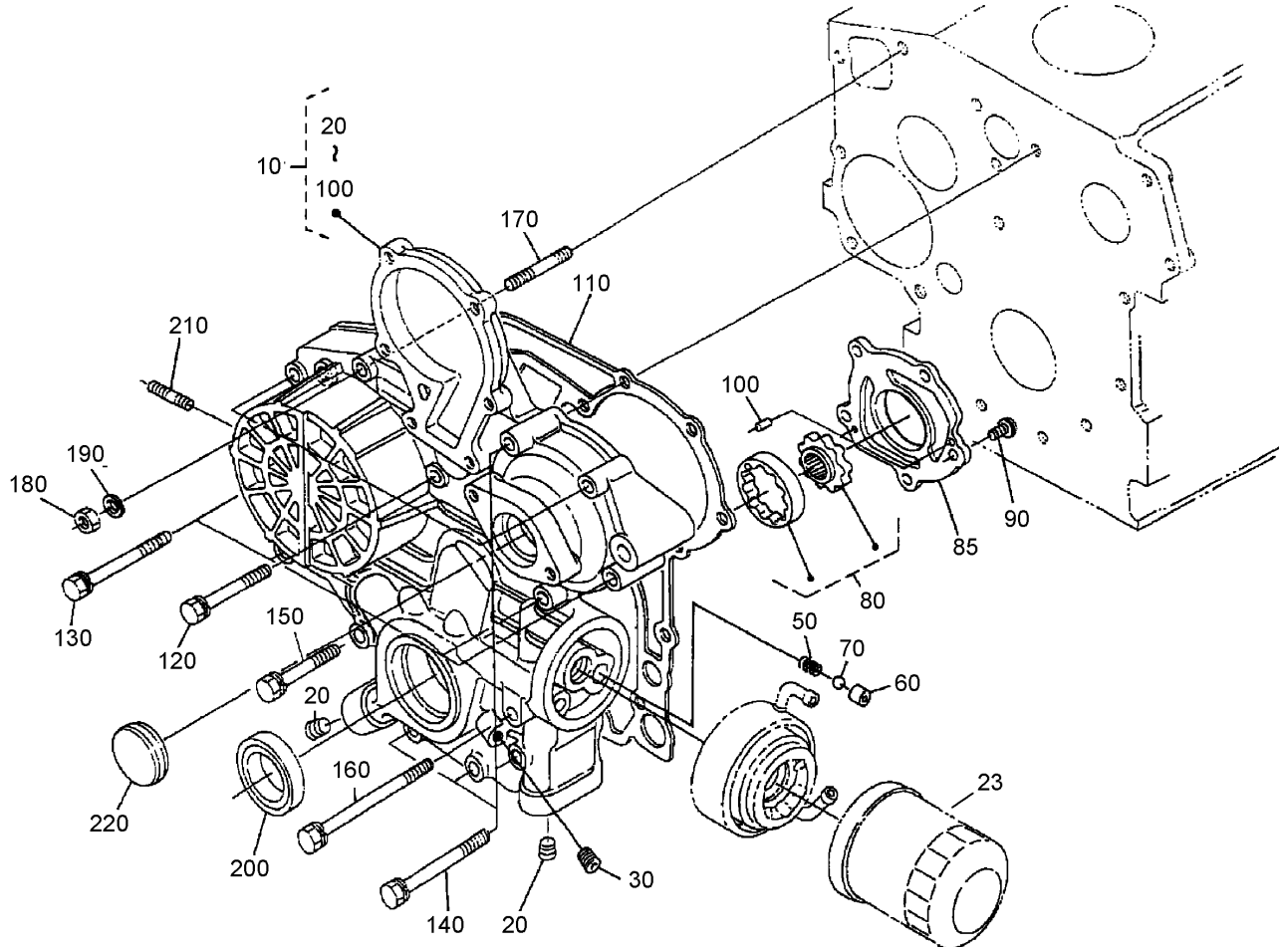
Oil Pan Assembly

Ref	Part No.	Qty.	Description
10	98-9685	1	Drain-Oil
30	107-9065	22	Bolt
40	98-9386	2	Plug
50	98-7524	2	Gasket
60	108-1401	1	Filter-Oil
70	98-7526	1	Bolt
80	105-3776	1	O-Ring



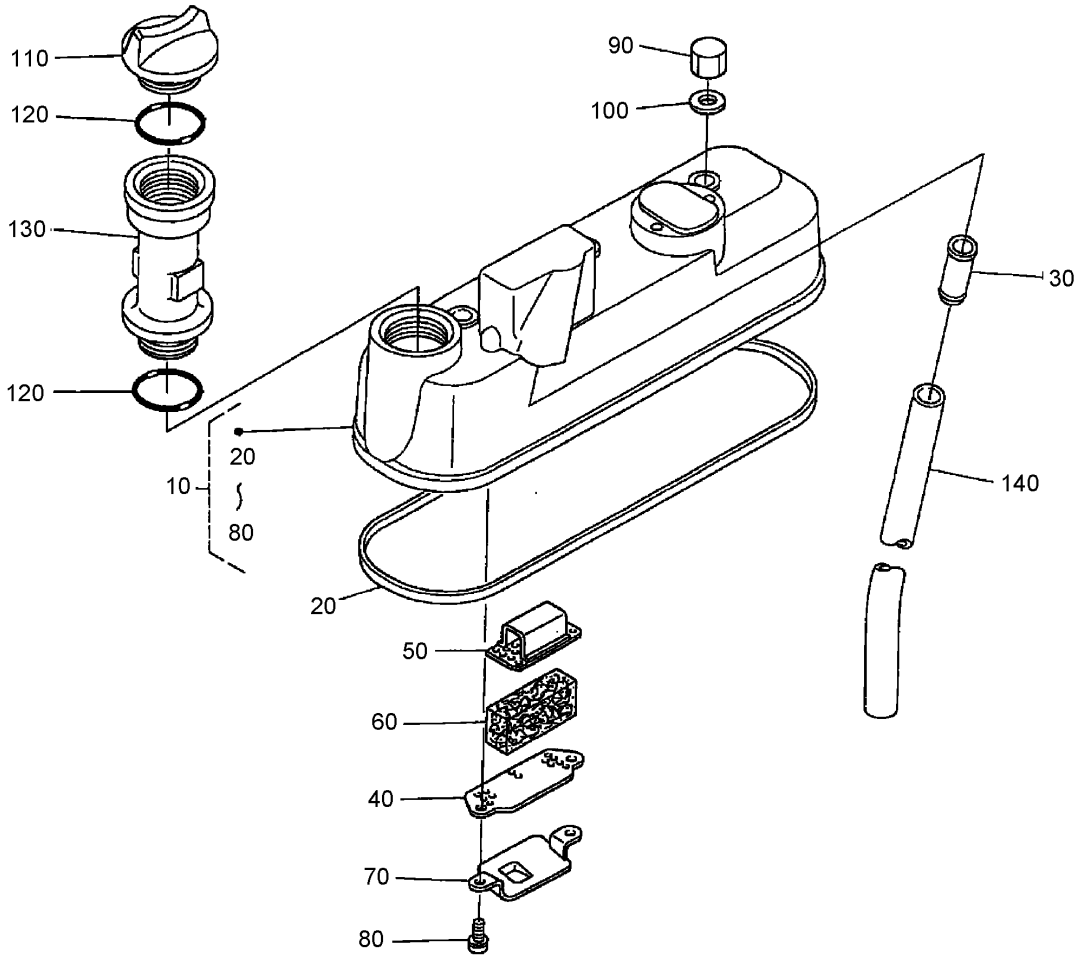
Cylinder Head Assembly

Ref	Part No.	Qty.	Description
10	98-7531	2	Hook-Engine
20	100-9195	2	Bolt
30	99-8344	1	Cylinder Head ASM
40	98-9395	1	Cap-Sealing
50	98-7540	2	Cap-Sealing
60	107-9066	3	Guide-Valve, Inlet
70	107-9067	3	Guide-Valve, Exhaust
80	98-9389	2	Cap-Sealing
90	98-9479	12	Bolt-Head, Cylinder
100	98-9647	2	Bolt-Head, Cylinder
110	105-3780	1	Gasket-Head, Cylinder
120	98-7509	1	O-Ring
130	98-9444	1	Plug



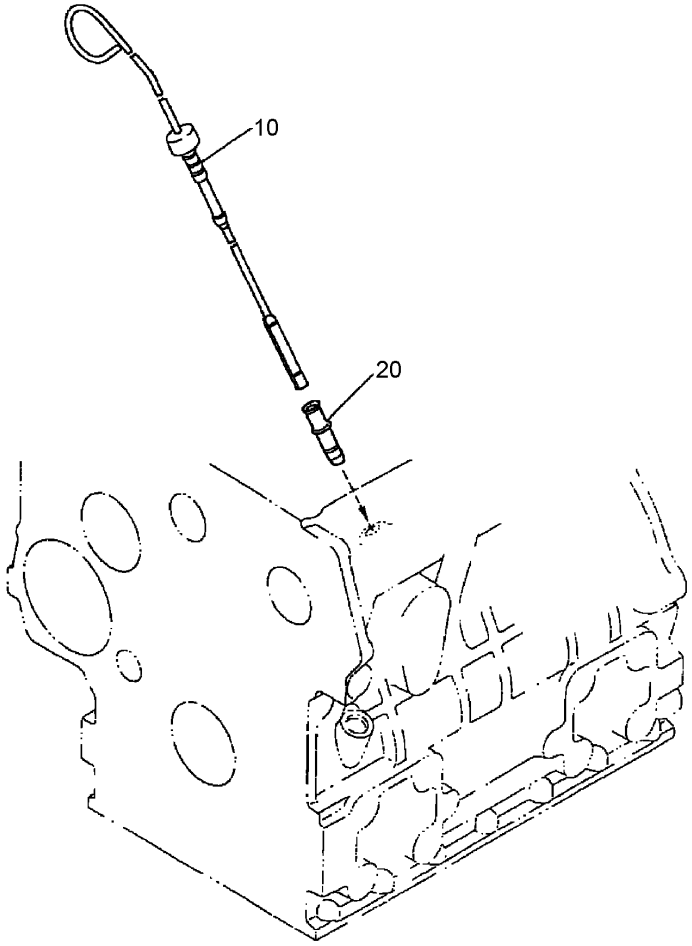
Gear Case Assembly

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	107-9071	5	Screw
100	107-9072	2	Pin-Straight
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
210	105-3710	2	Stud
220	98-9641	1	Cover



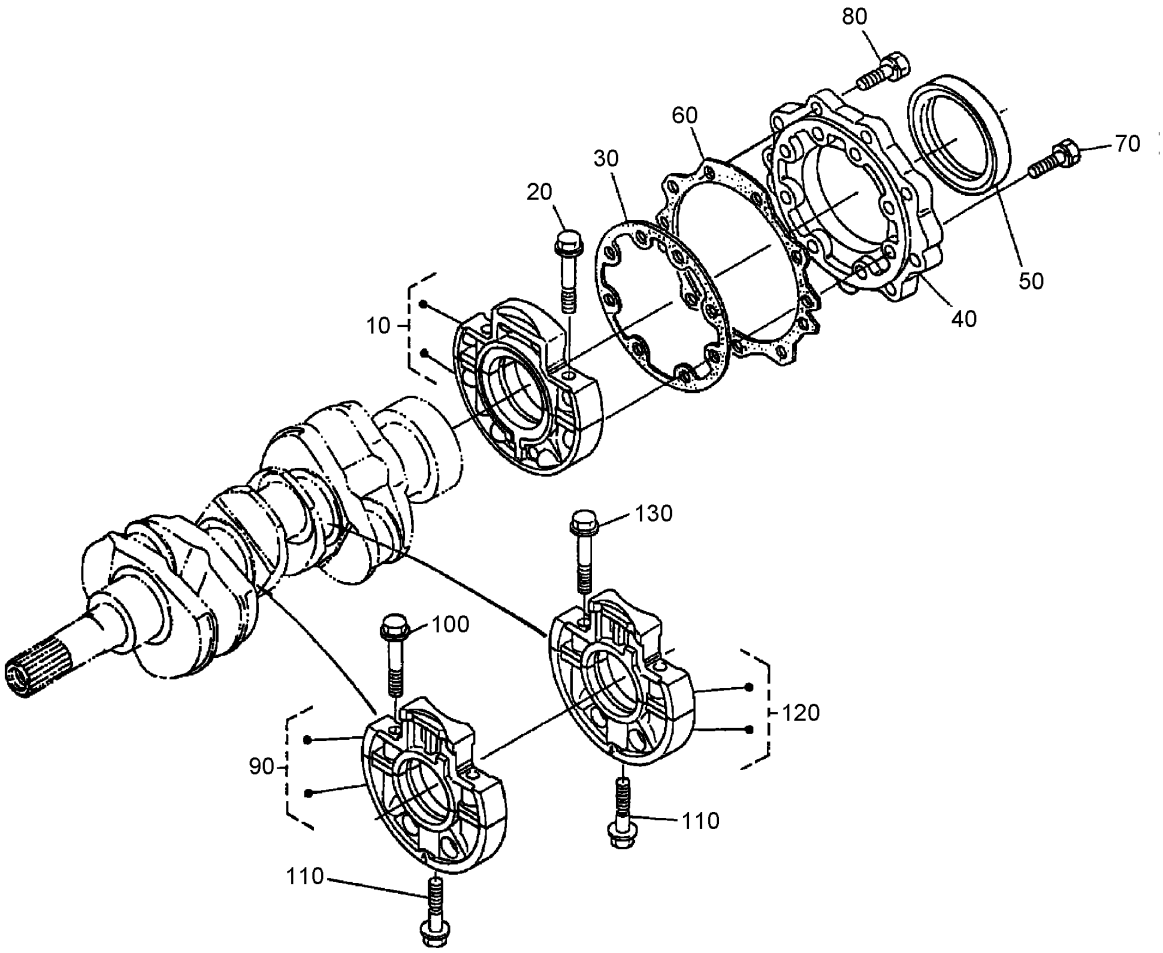
Head Cover Assembly

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



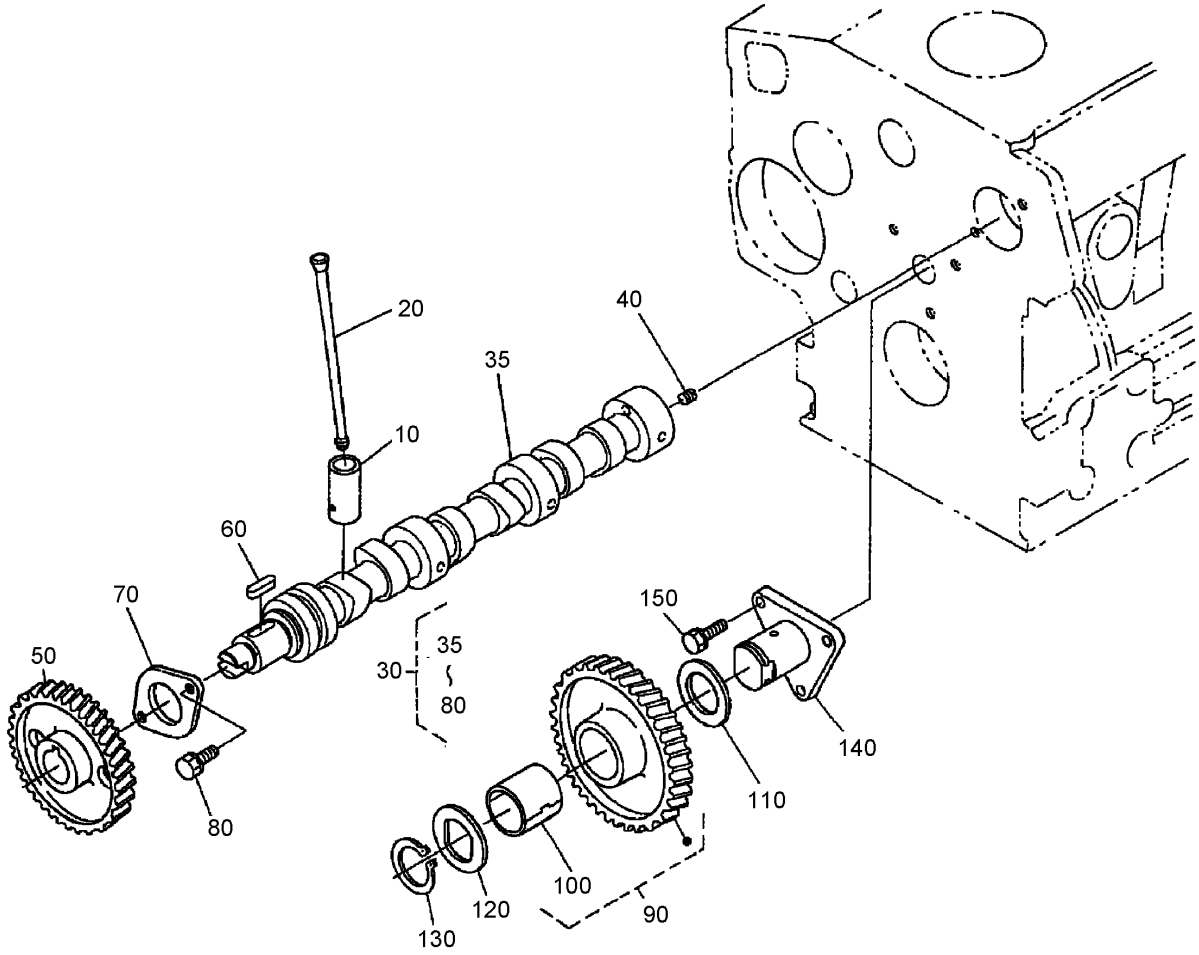
Dipstick and Guide Assembly

Ref	Part No.	Qty.	Description
10	104-9348	1	Gauge-Oil
20	105-3713	1	Guide-Gauge, Oil



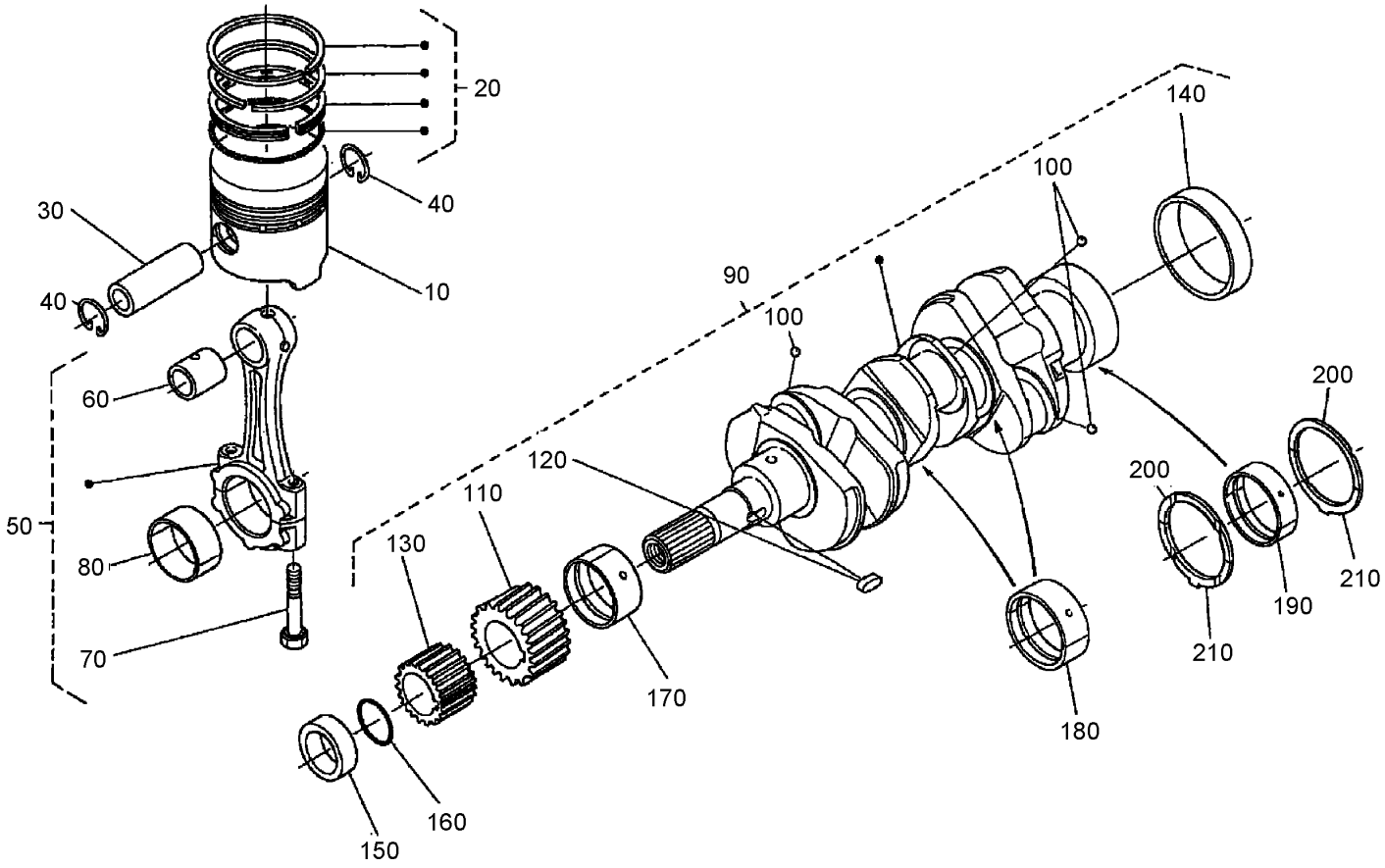
Main Bearing Case Assembly

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



Camshaft And Idle Gear Shaft Assembly

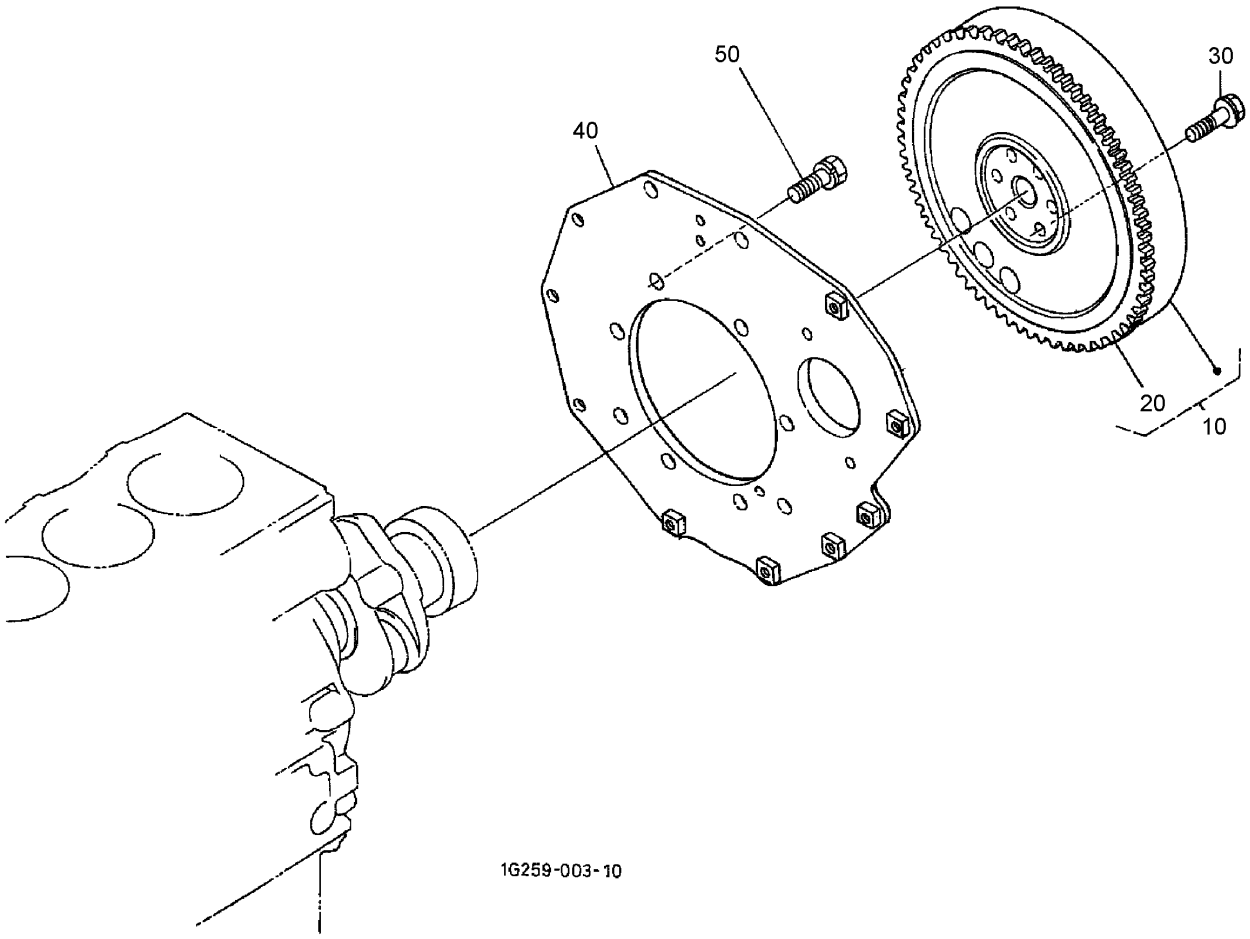
Ref	Part No.	Qty.	Description
10	98-9616	6	Tappet
20	98-9509	6	Rod-Push
30	99-8362	1	Camshaft ASM
35	108-1403	1	Camshaft
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	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

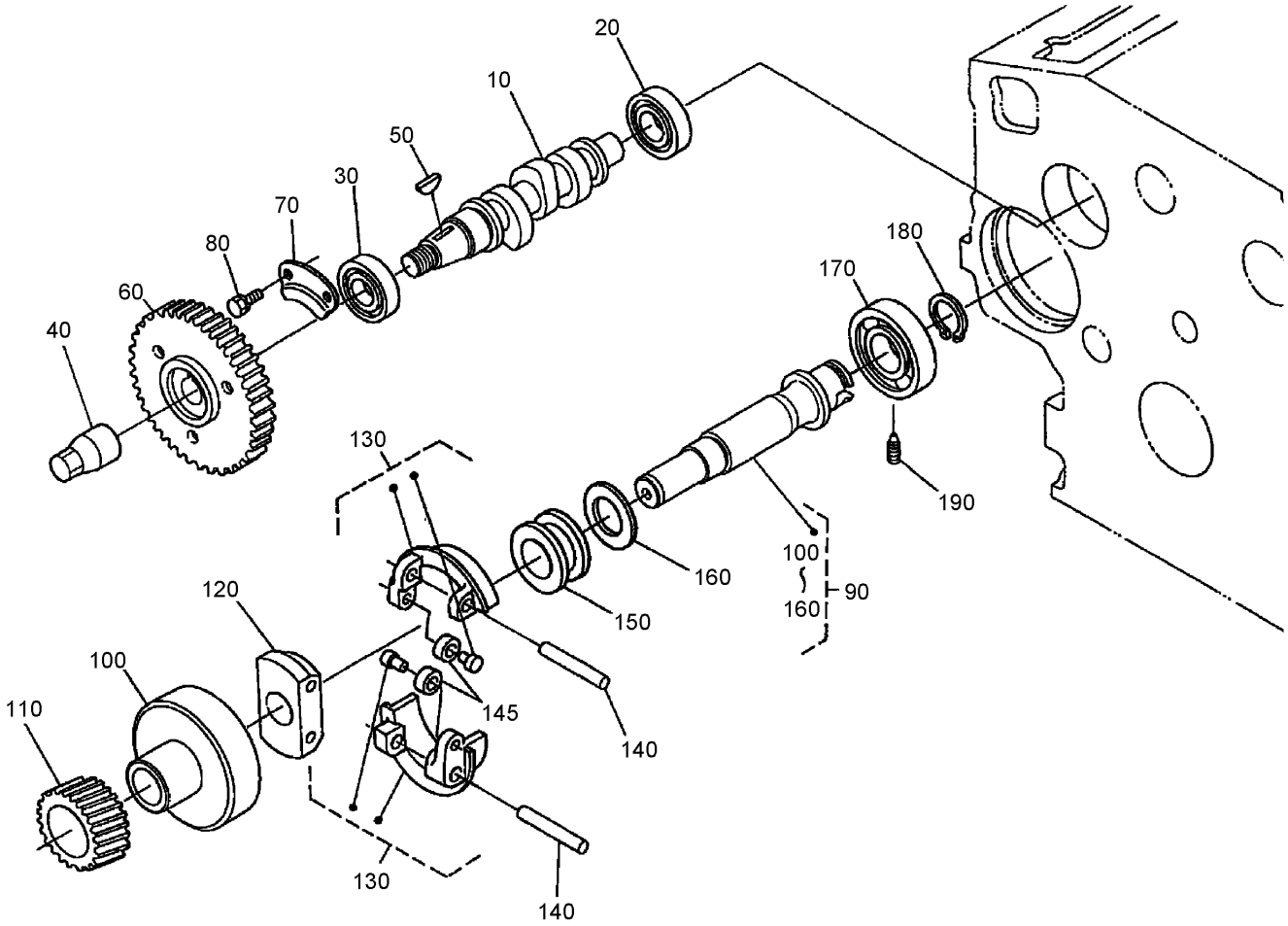
Ref	Part No.	Qty.	Description
10	98-9550	3	Piston (Std)
10	108-1417	3	Piston, 0.5mm
20	108-1404	3	Piston Ring Asm, 0.5mm
20	98-9551	3	Piston Ring ASM (Std)
30	98-9513	3	Pin-Piston
40	98-9514	6	Clip-Circular, Piston Pin
50	98-9552	3	Connecting Rod ASM
60	98-9515	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, 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)



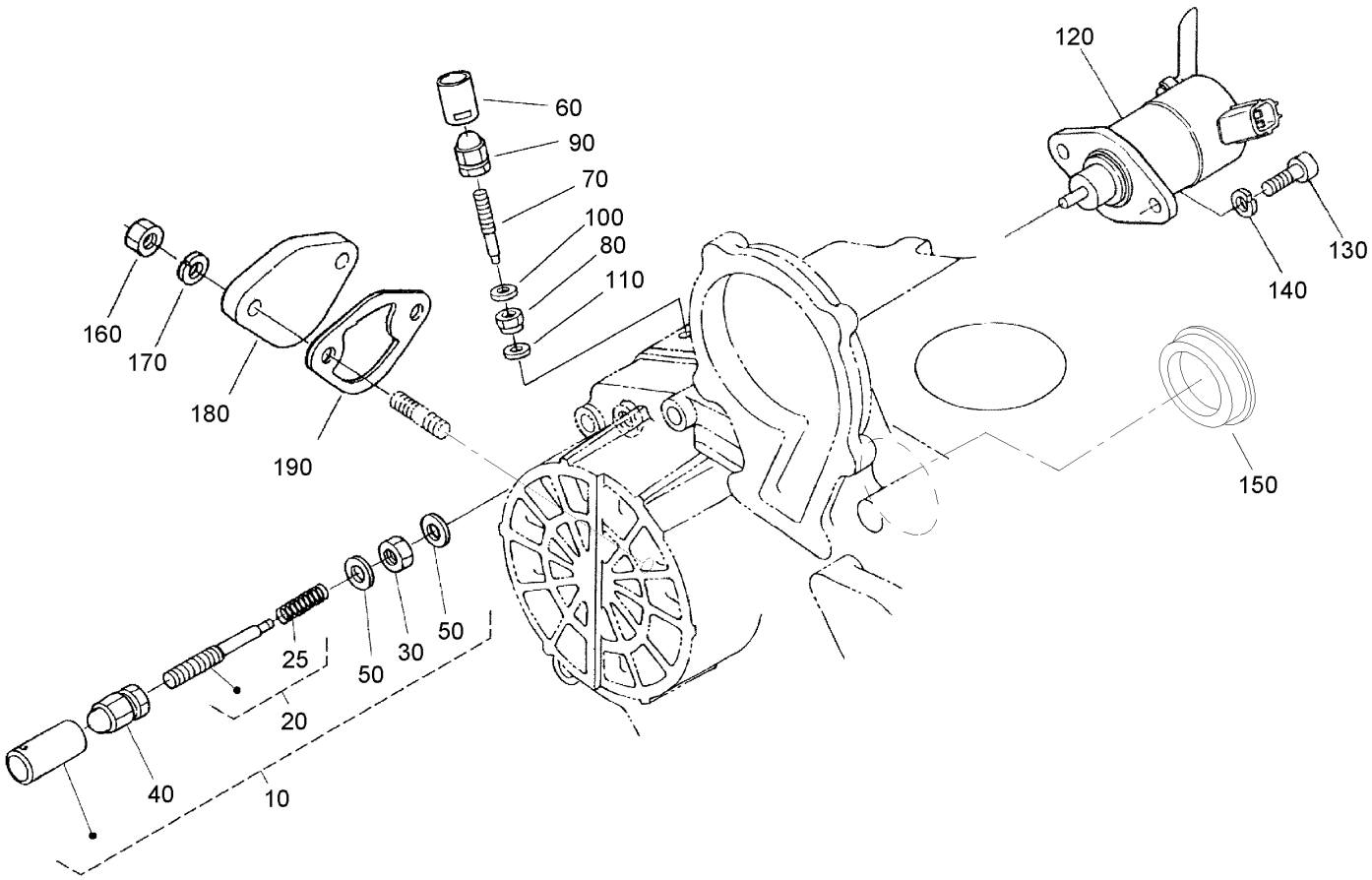
Flywheel Assembly

Ref	Part No.	Qty.	Description
10	105-3784	1	Flywheel ASM
20	105-3722	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



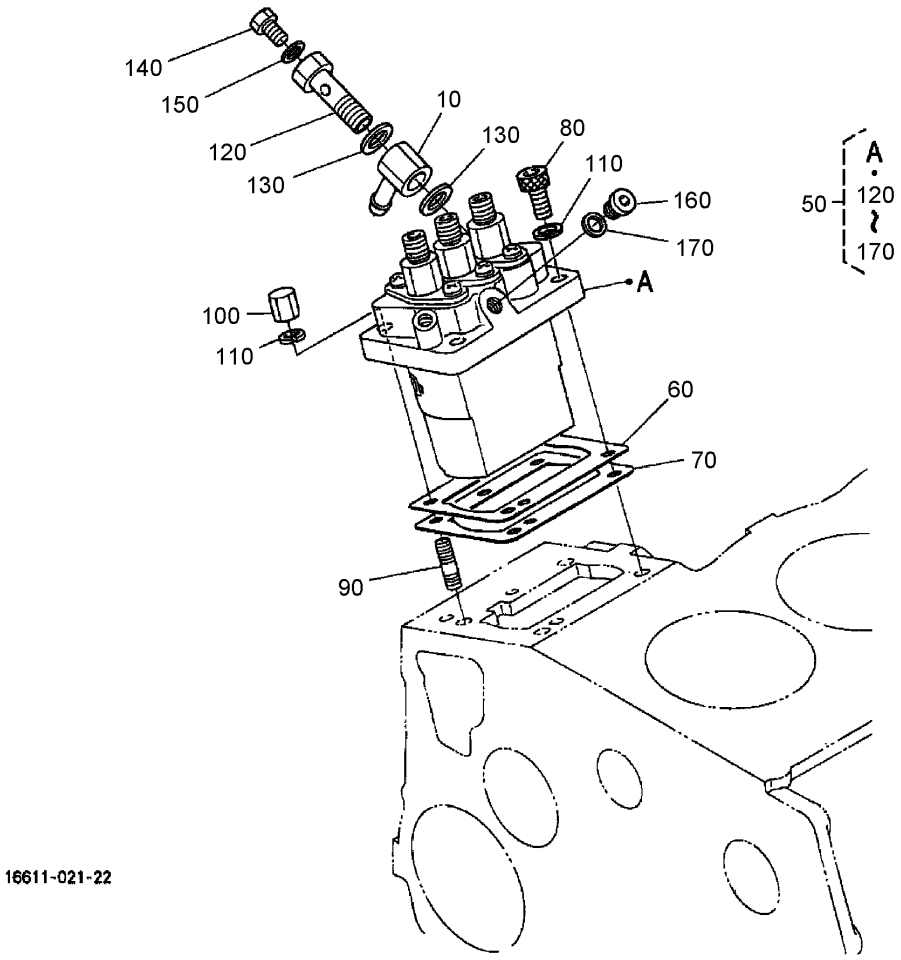
Fuel Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
40	98-9590	1	Nut-Cap
50	98-9595	1	Key-Woodruff
60	98-9669	1	Gear-Pump, Injection
70	98-9511	1	Stopper-Fuel, Camshaft
80	98-7692	2	Bolt
90	98-9644	1	Governor Shaft ASM
100	98-9562	1	Holder-Gear, Governor
110	98-9673	1	Gear-Governor
120	98-9561	1	Holder-Weight, Governor
130	98-9559	2	Governor Weight ASM
140	98-9560	2	Shaft-Weight, Governor
145	98-9692	2	Roller
150	98-9563	1	Sleeve-Governor
160	98-9564	1	Washer-Thrust
170	107-9079	1	Bearing-Ball
180	98-9657	1	Clip-Circular, Governor Shaft
190	98-9565	1	Screw-Set



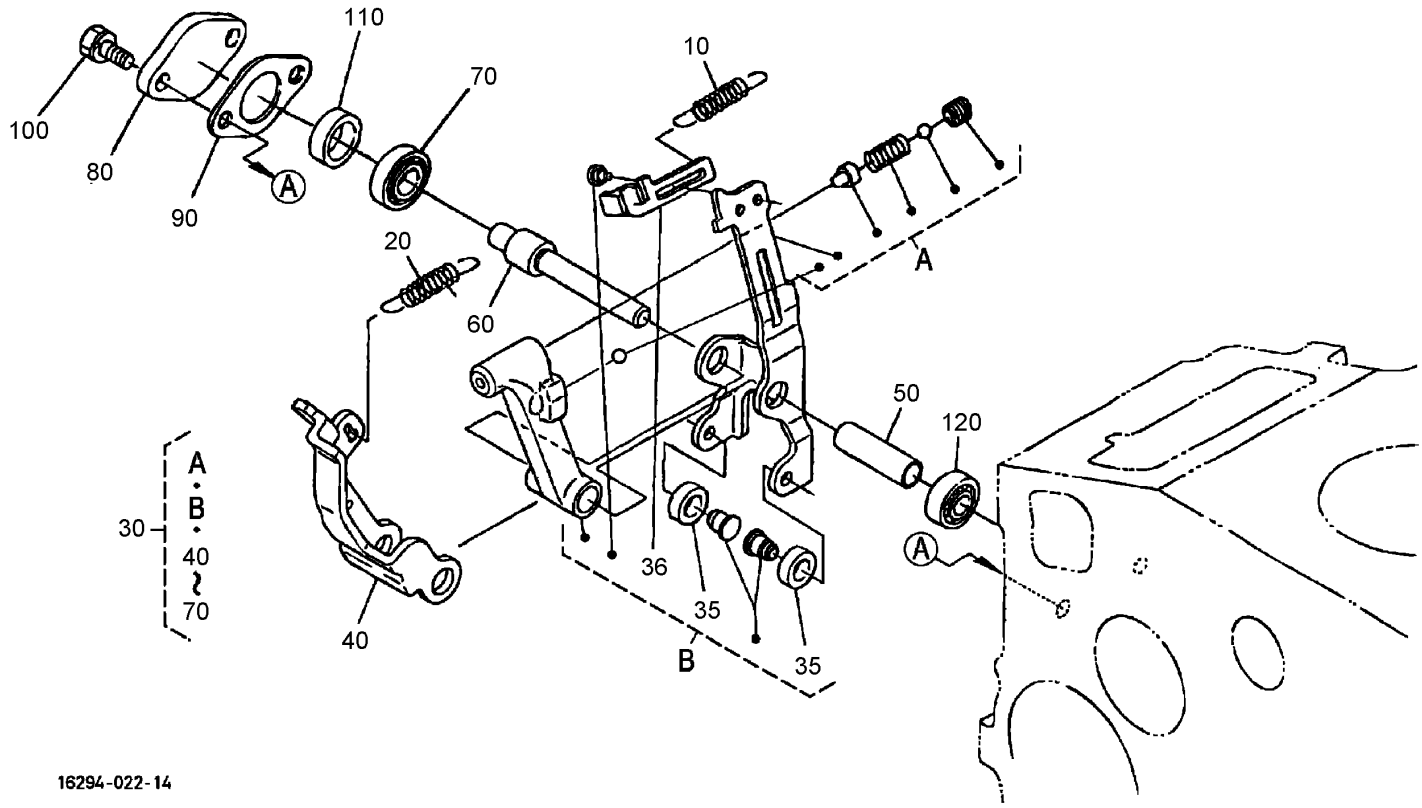
Idle Apparatus Assembly

Ref	Part No.	Qty.	Description
10	98-9678	1	Idle Apparatus ASM
20	98-9679	1	Adjusting Bolt ASM
25	107-9080	1	Spring
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
120	104-5155	1	Solenoid-Stop
130	105-3799	2	Bolt-HSH
140	98-7699	2	Washer-Spring
150	98-9640	1	Cover-Pump
160	98-7572	2	Nut
170	98-7699	2	Washer-Spring
180	99-3514	1	Cover
190	98-9636	1	Gasket-Pump, Fuel



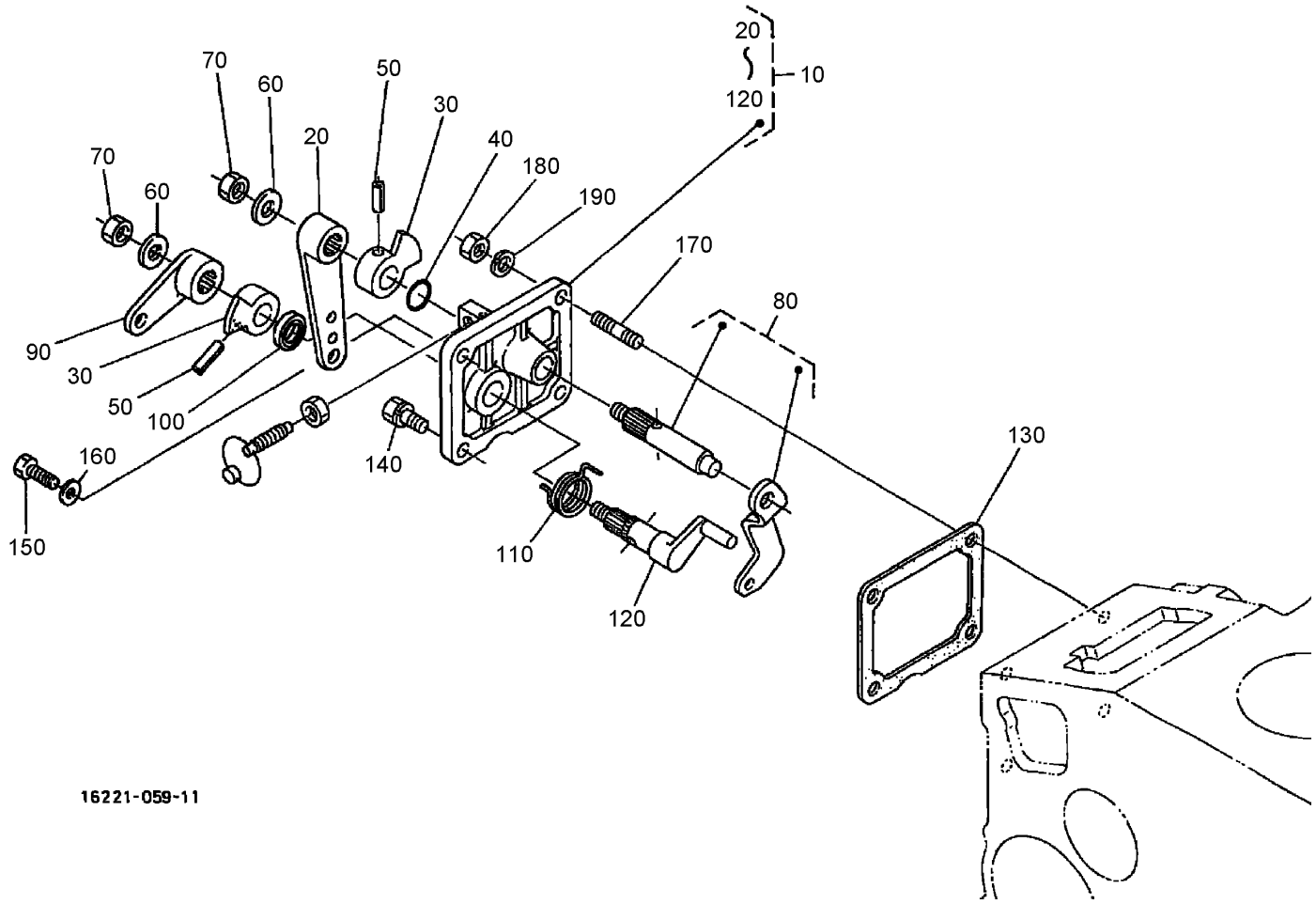
Injection Pump Assembly

Ref	Part No.	Qty.	Description
10	98-9596	1	Joint-Eye
50	98-9643	1	Injection Pump ASM
60	98-9457	1	Shim-Injection (0.25mm)
60	98-9456	1	Shim (0.2mm)
70	98-9458	1	Shim-Injection (0.30mm)
80	98-9361	2	Bolt-HSH
90	98-9438	2	Stud
100	98-9440	2	Nut-Cap
110	98-7699	4	Washer-Spring
120	98-9464	1	Bolt-Joint
130	98-9445	2	Gasket
140	98-9430	1	Screw
150	98-9446	1	Gasket
160	98-9466	1	Plug
170	98-9451	1	Gasket



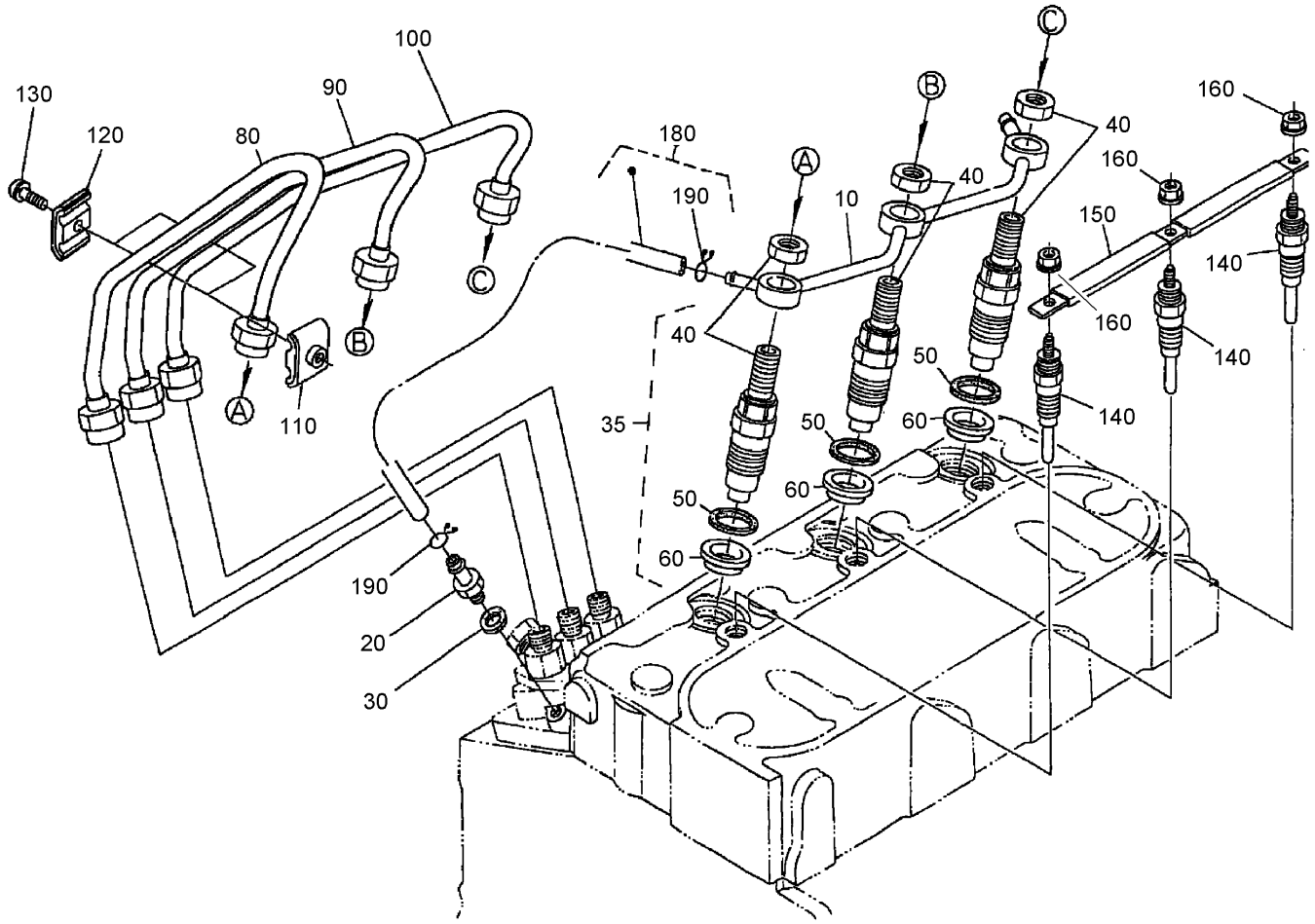
Governor Assembly

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



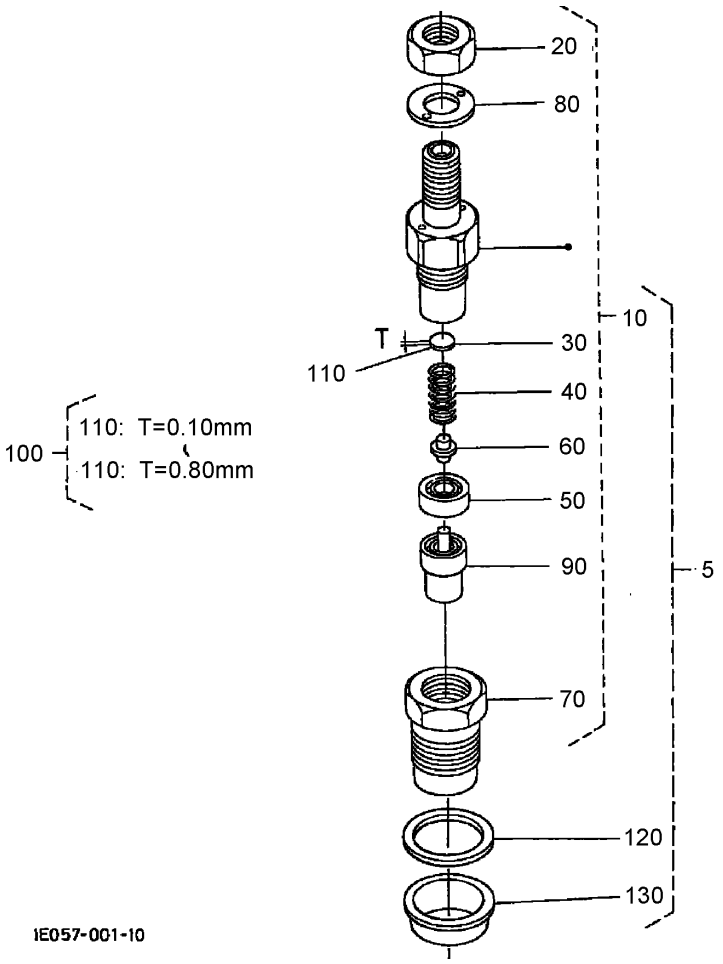
Speed Control Plate Assembly

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



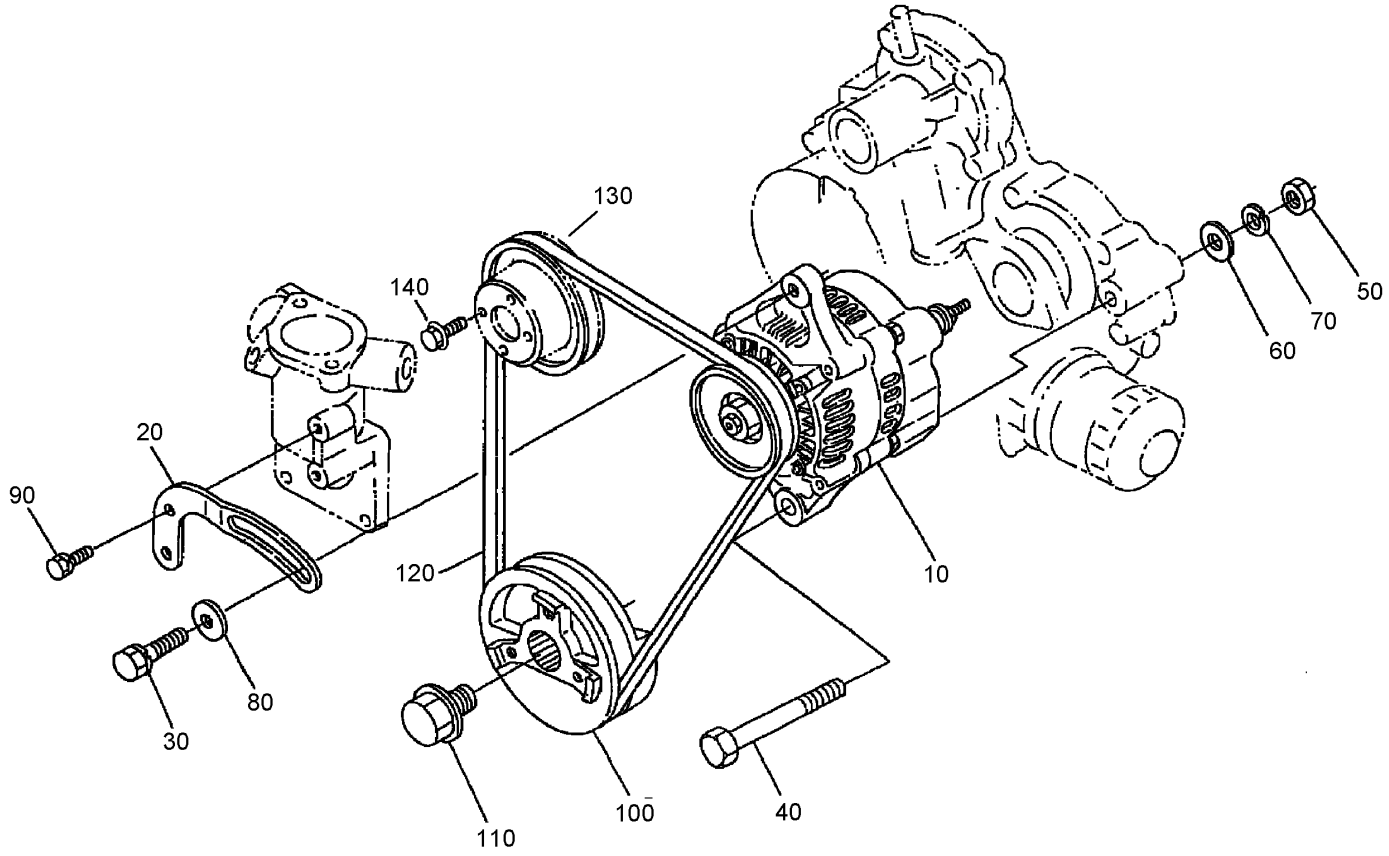
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	Qty.	Description
10	98-9621	1	Overflow Pipe ASM
20	98-9431	1	Screw-Bleeder
30	98-7654	1	Gasket
35	105-3740	3	Nozzle Holder Kit
40	98-9468	3	Nozzle Holder ASM
50	98-7676	3	Gasket
60	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
180	98-9624	1	Overflow Pipe ASM
190	98-7672	2	Clip-Pipe



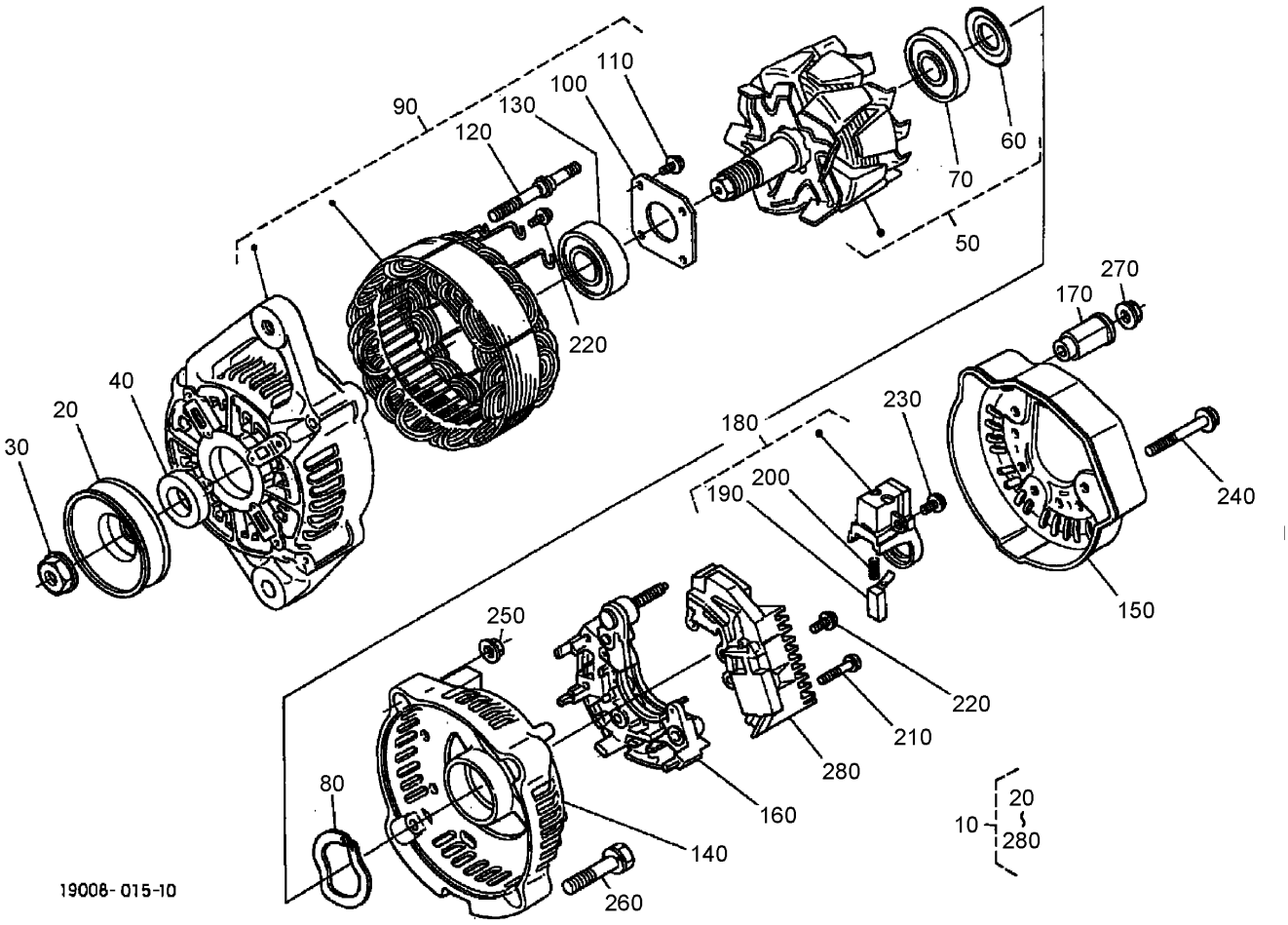
Nozzle Holder (Component Parts) Assembly

Ref	Part No.	Qty.	Description
5	105-3740	3	Nozzle Holder Kit
10	98-9468	3	Nozzle Holder ASM
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



Alternator and Pulley Assembly

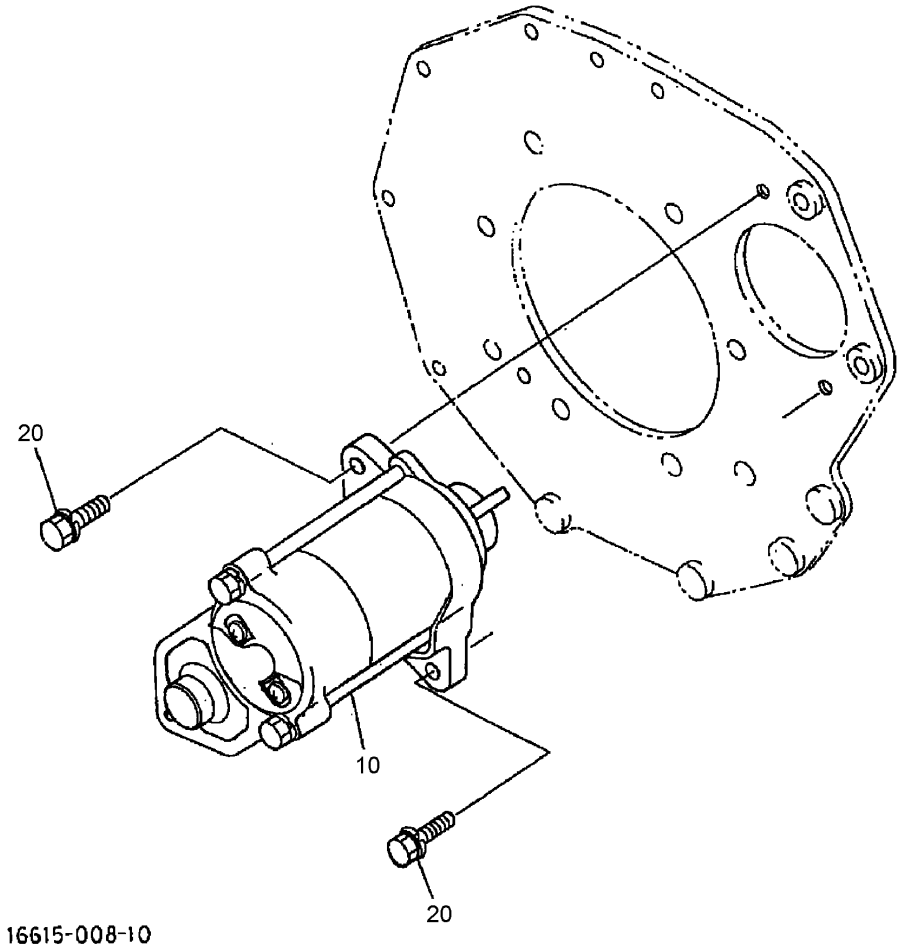
Ref	Part No.	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9573	1	Stay-Dynamo
30	98-7697	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	3256-24	1	Washer-Flat
70	98-7738	1	Washer-Spring
80	100-9233	1	Washer-Plain
90	98-7692	1	Bolt
100	98-9473	1	Pulley-Drive, Fan
110	98-9585	1	Bolt
120	98-9676	1	V-Belt
130	98-9584	1	Pulley-Fan
140	99-8363	1	Bolt-Flange



Alternator (Component Parts) Assembly

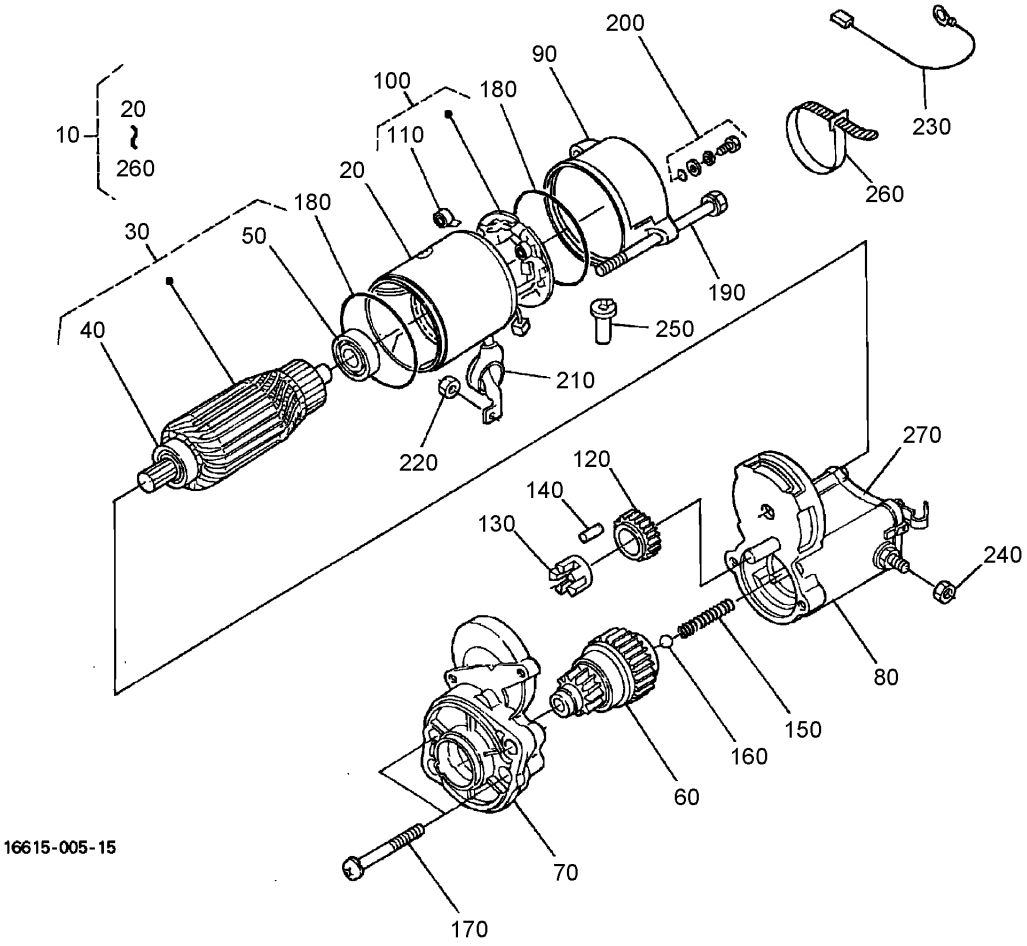
Ref	Part No.	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, 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 Assembly

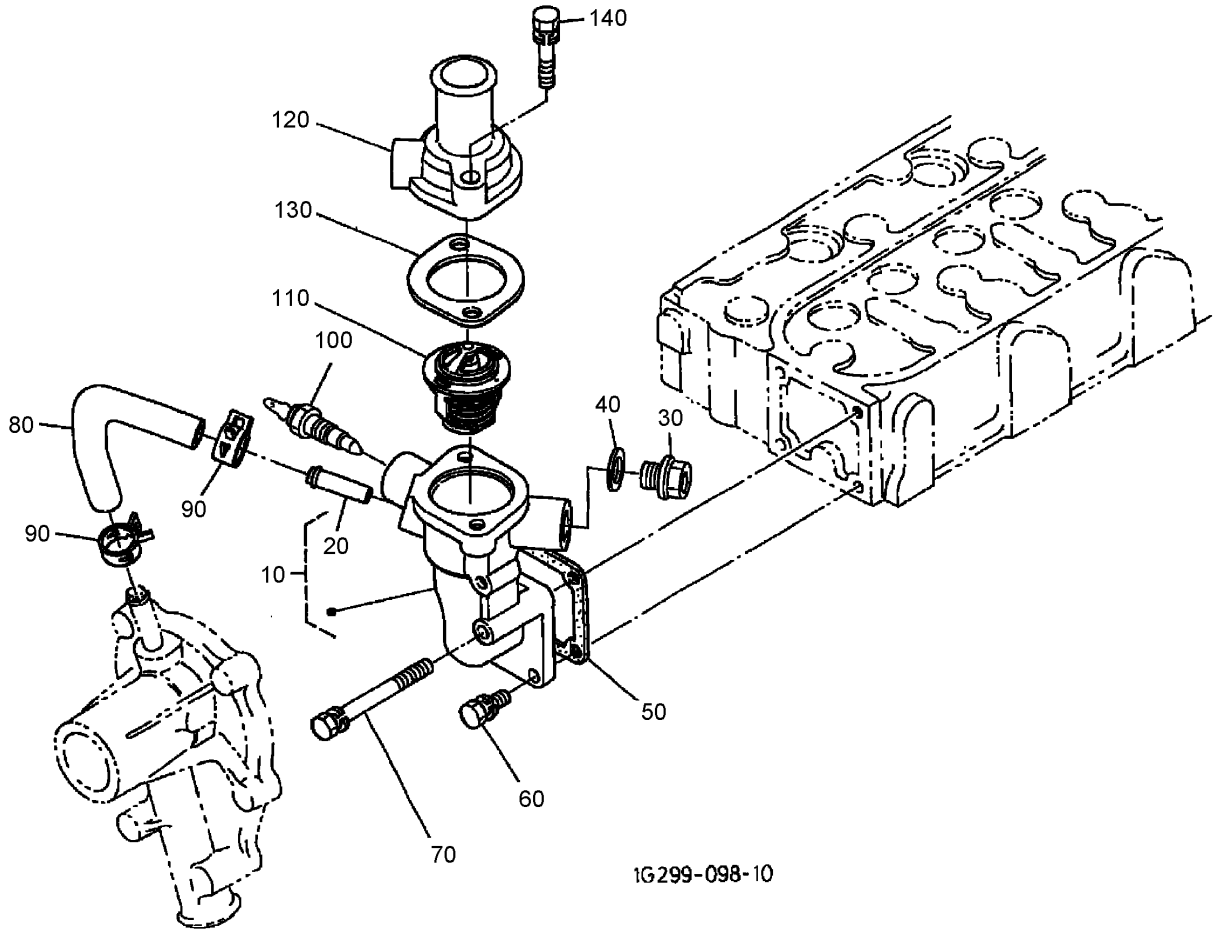
Ref	Part No.	Qty.	Description
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



Starter (Component Parts) Assembly

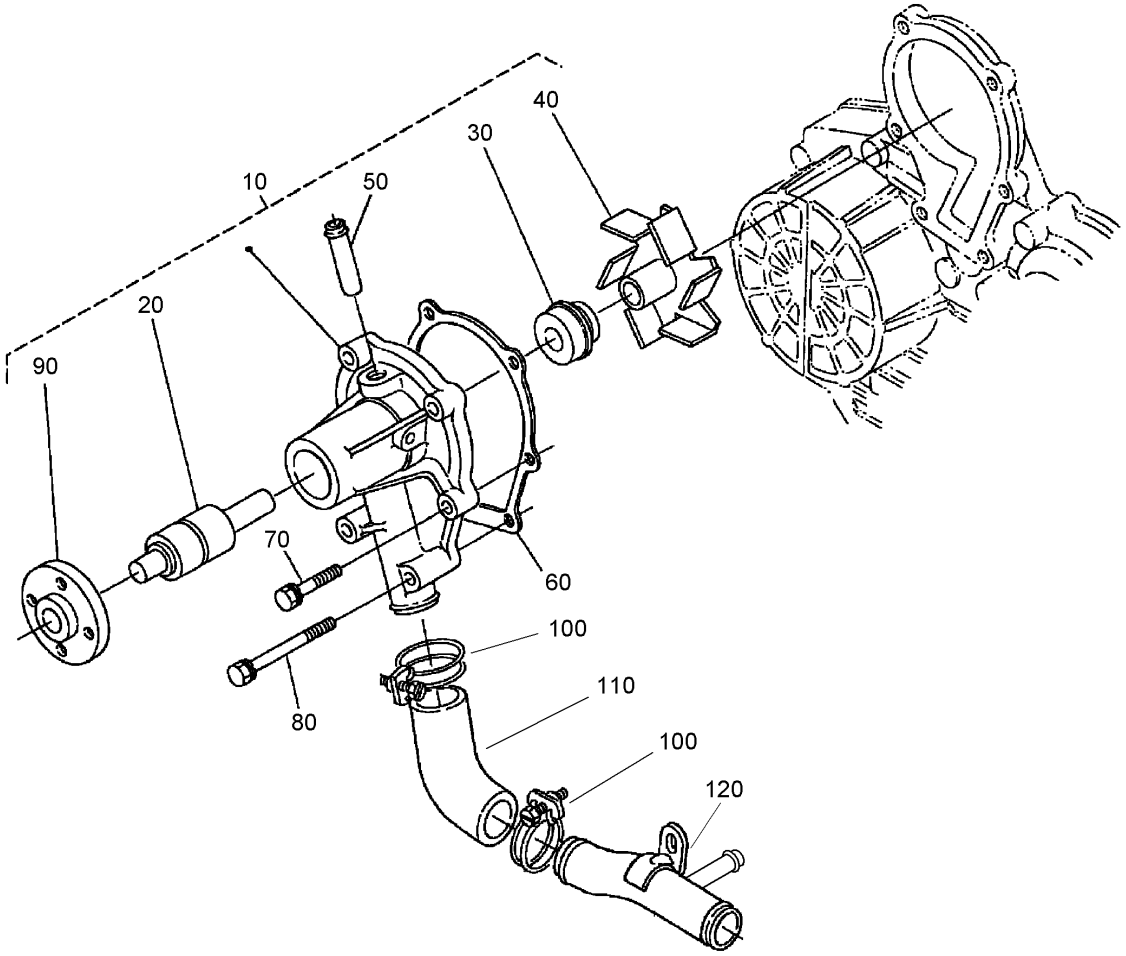
Ref	Part No.	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	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



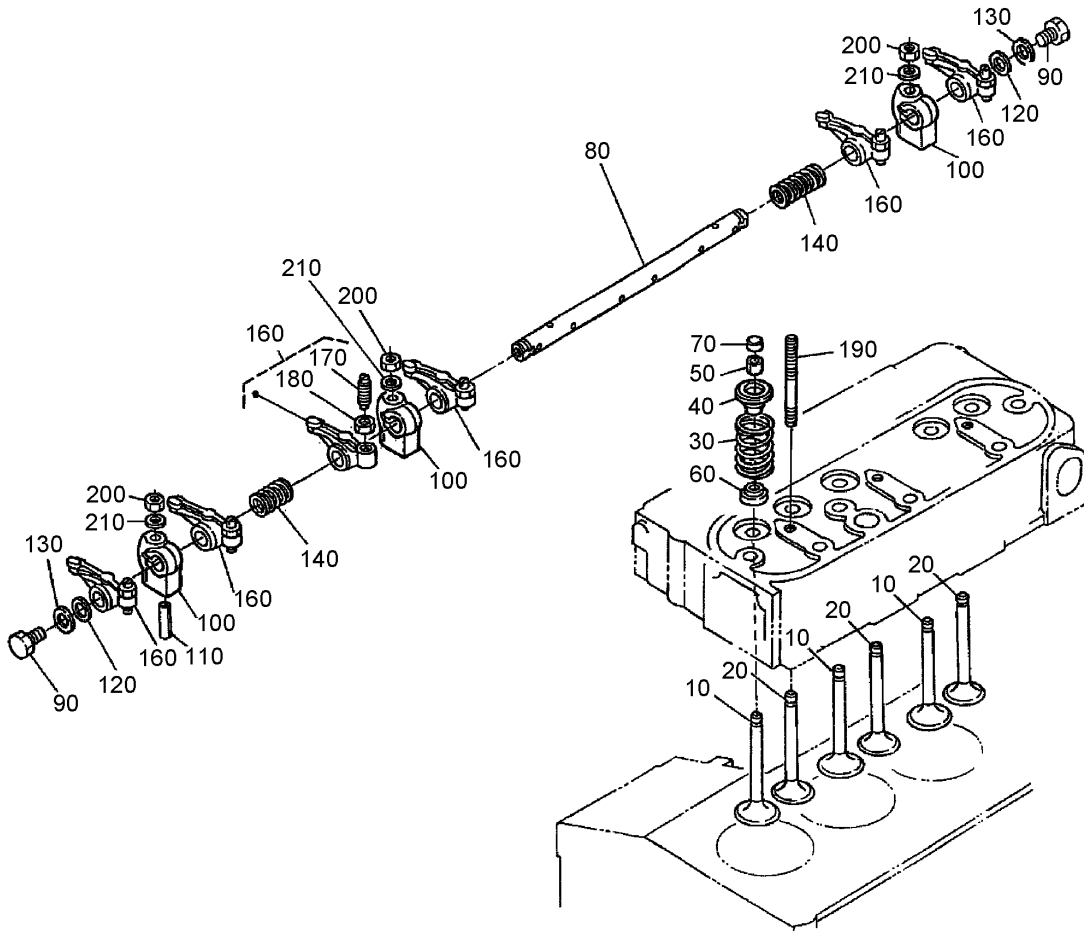
Water Flange and Thermostat Assembly

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



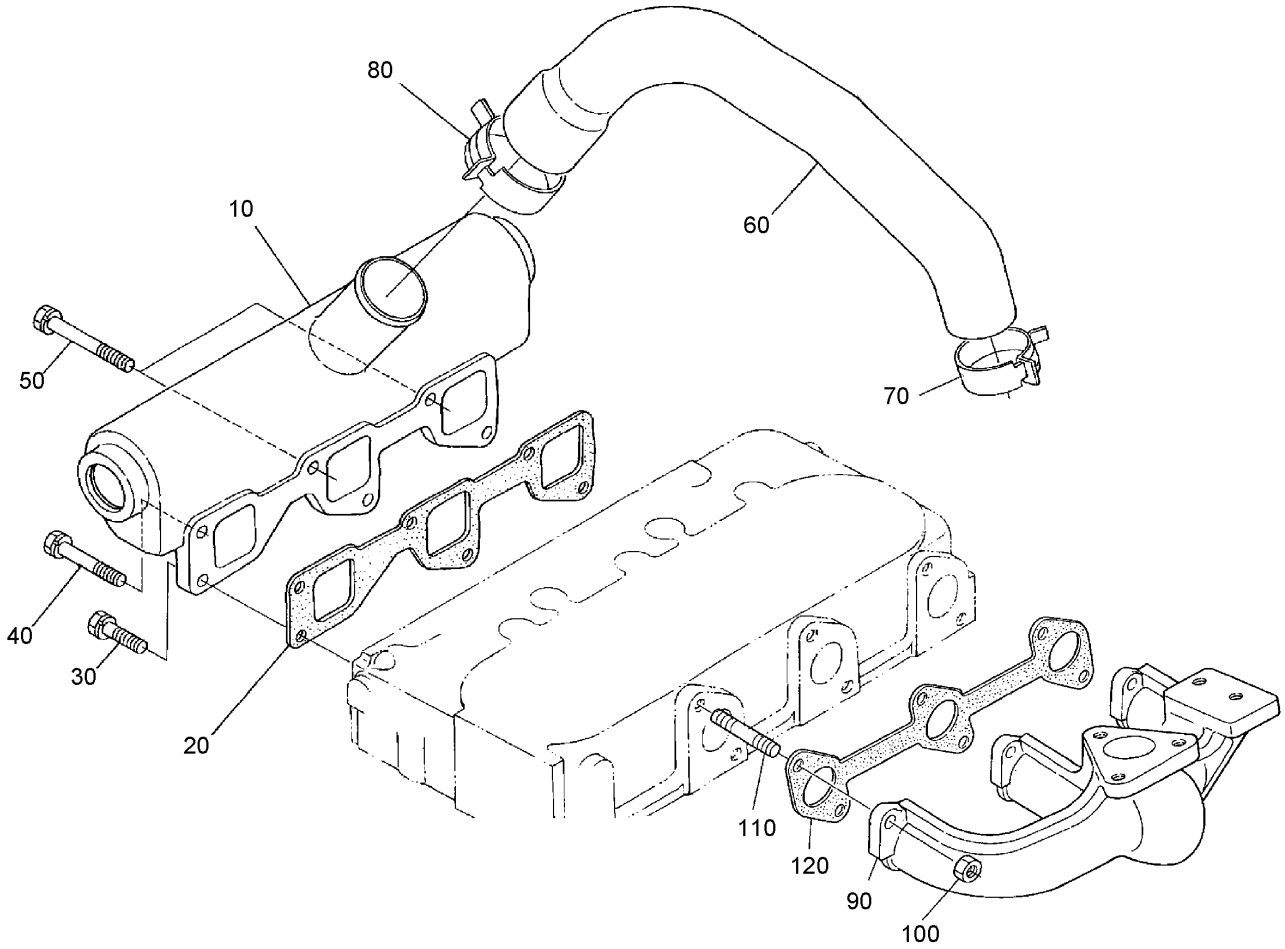
Water Pump Assembly

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



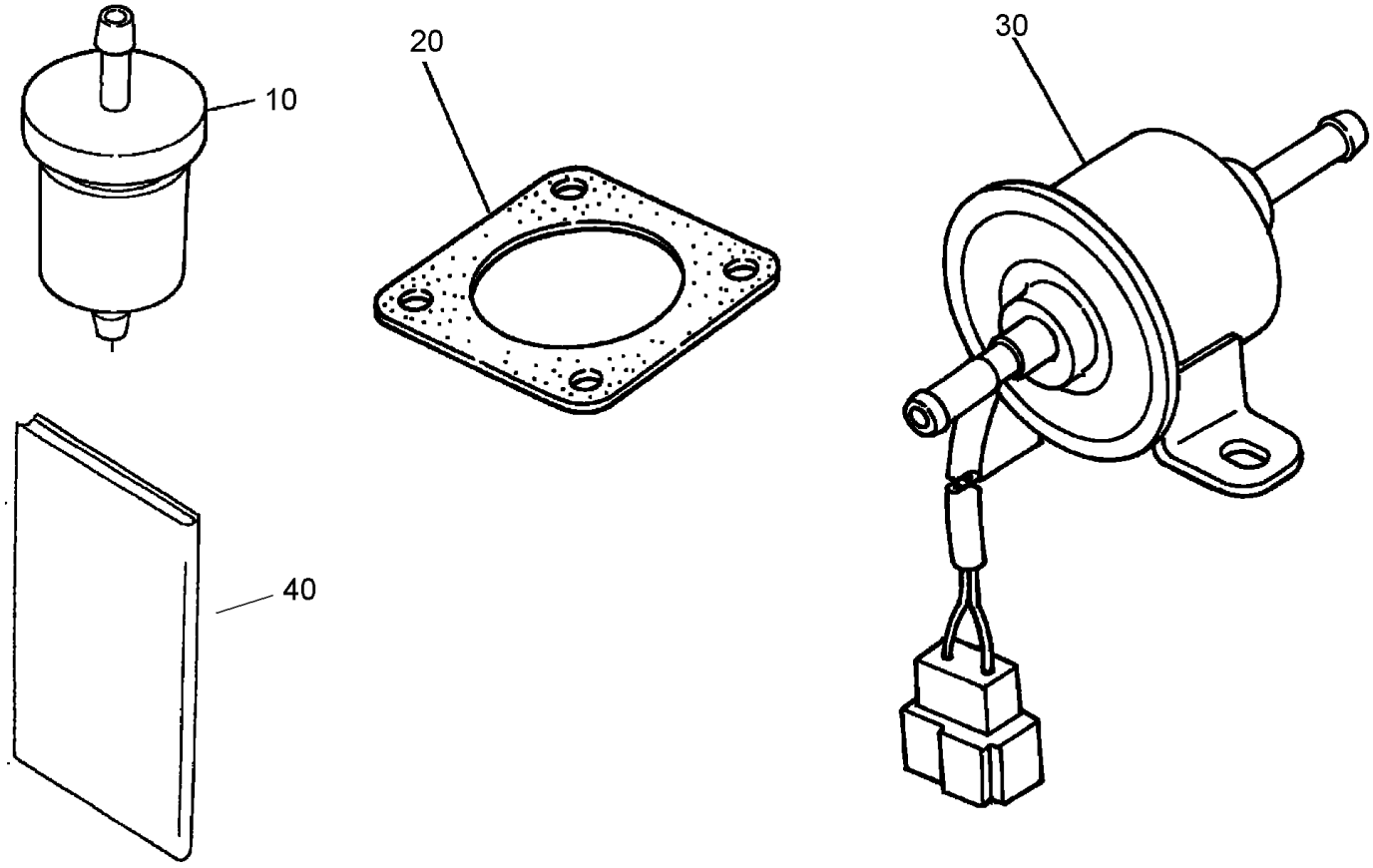
Valve and Rocker Arm Assembly

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



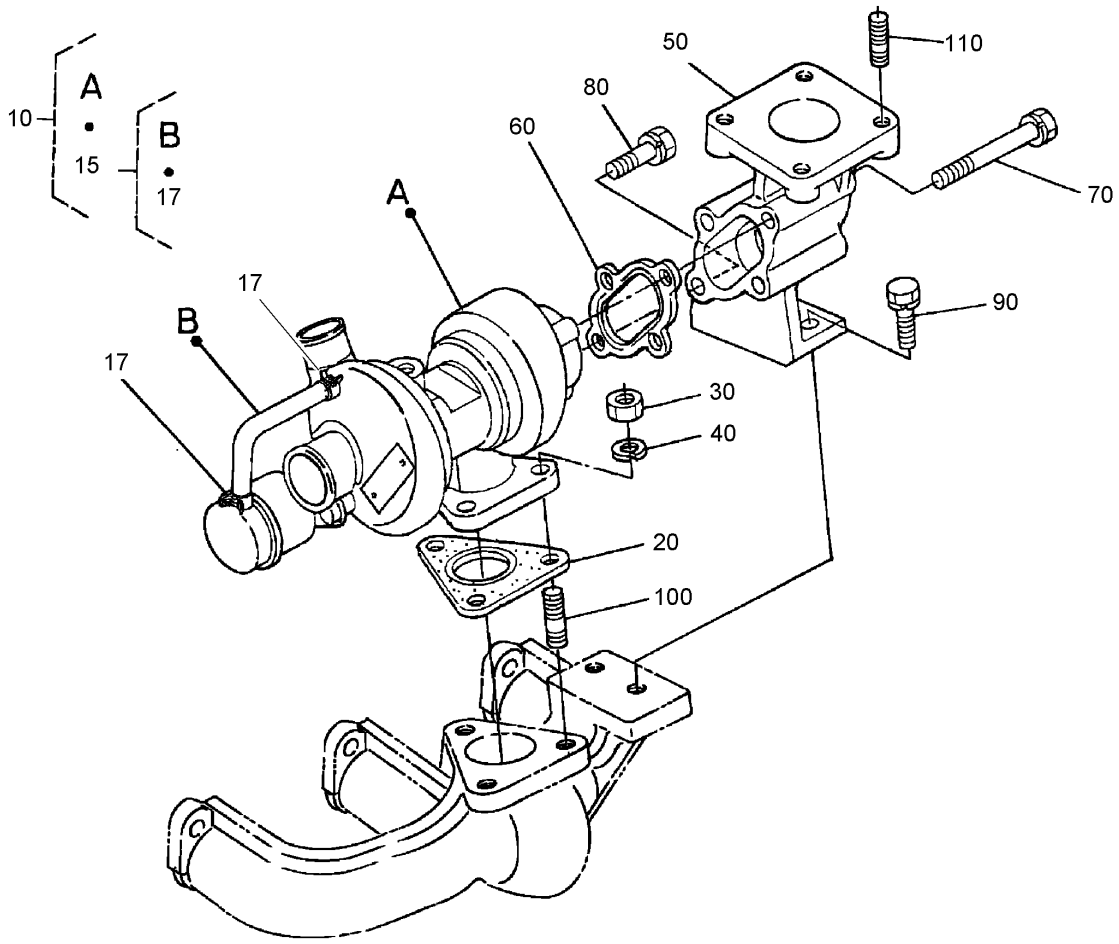
Inlet and Exhaust Manifold Assembly

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



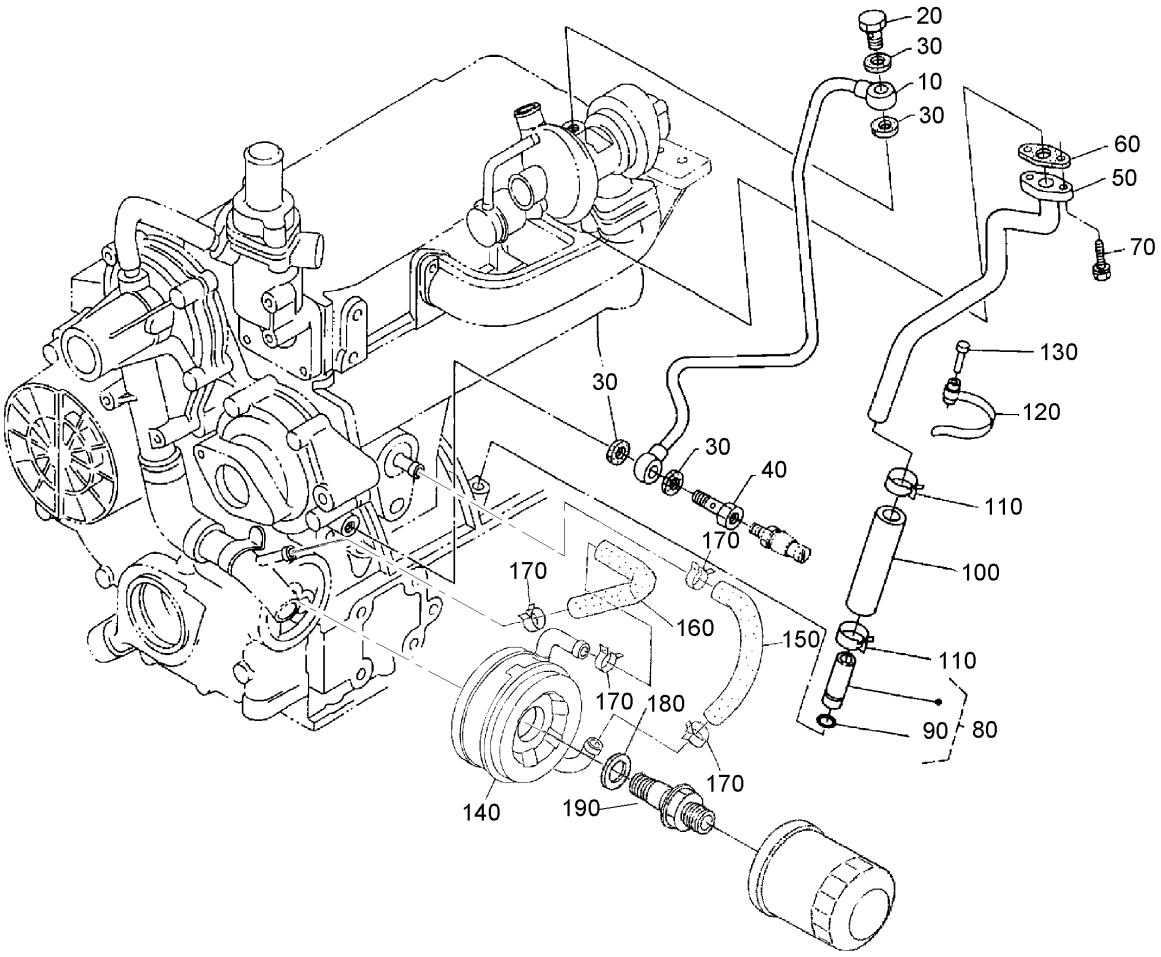
Fuel Filter and Pump, Muffler Gasket and Operator Manual

Ref	Part No.	Qty.	Description
10	98-7612	1	Filter-Fuel
20	99-8343	1	Gasket-Muffler
30	107-0122	1	Pump-Fuel, Elec
40	99-8954	1	Manual-Kubota



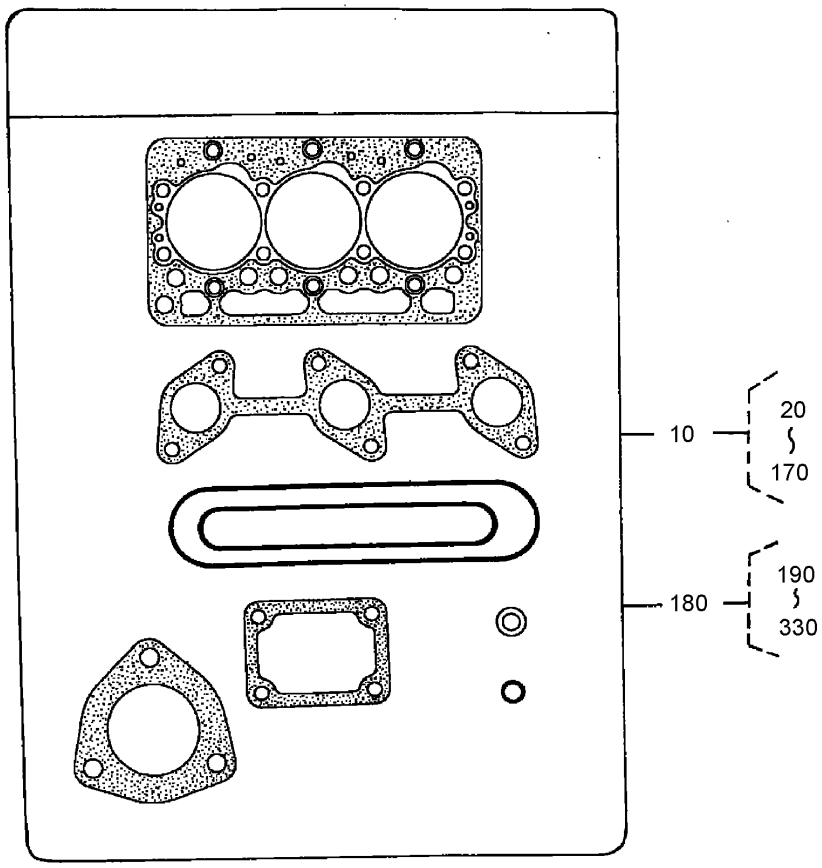
Turbo Charger Assembly

Ref	Part No.	Qty.	Description
10	108-1412	1	Turbo Charger ASM
15	108-1413	1	Hose ASM
17	108-1414	1	Clamp-Hose
20	105-3767	1	Gasket
30	98-7534	3	Nut
40	105-2893	3	Washer-Spring
50	99-8335	1	Flange-Muffler
60	105-3768	1	Gasket
70	105-2894	3	Bolt
80	105-2895	1	Bolt
90	98-7610	2	Bolt
100	99-8341	3	Stud
110	98-7769	4	Stud



Turbo Charger Oil Pipe 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



Gasket Kit

Ref	Part No.	Qty.	Description
10	108-1415	1	Upper Gasket Kit
180	108-1416	1	Lower Gasket Kit

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