Form No. 3359-765 Rev F

TORO®

Count on it.

Parts Catalog

Reelmaster® 5610 Traction Unit

Model No. 03690—Serial No. 280000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3359-765 F

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

Contents

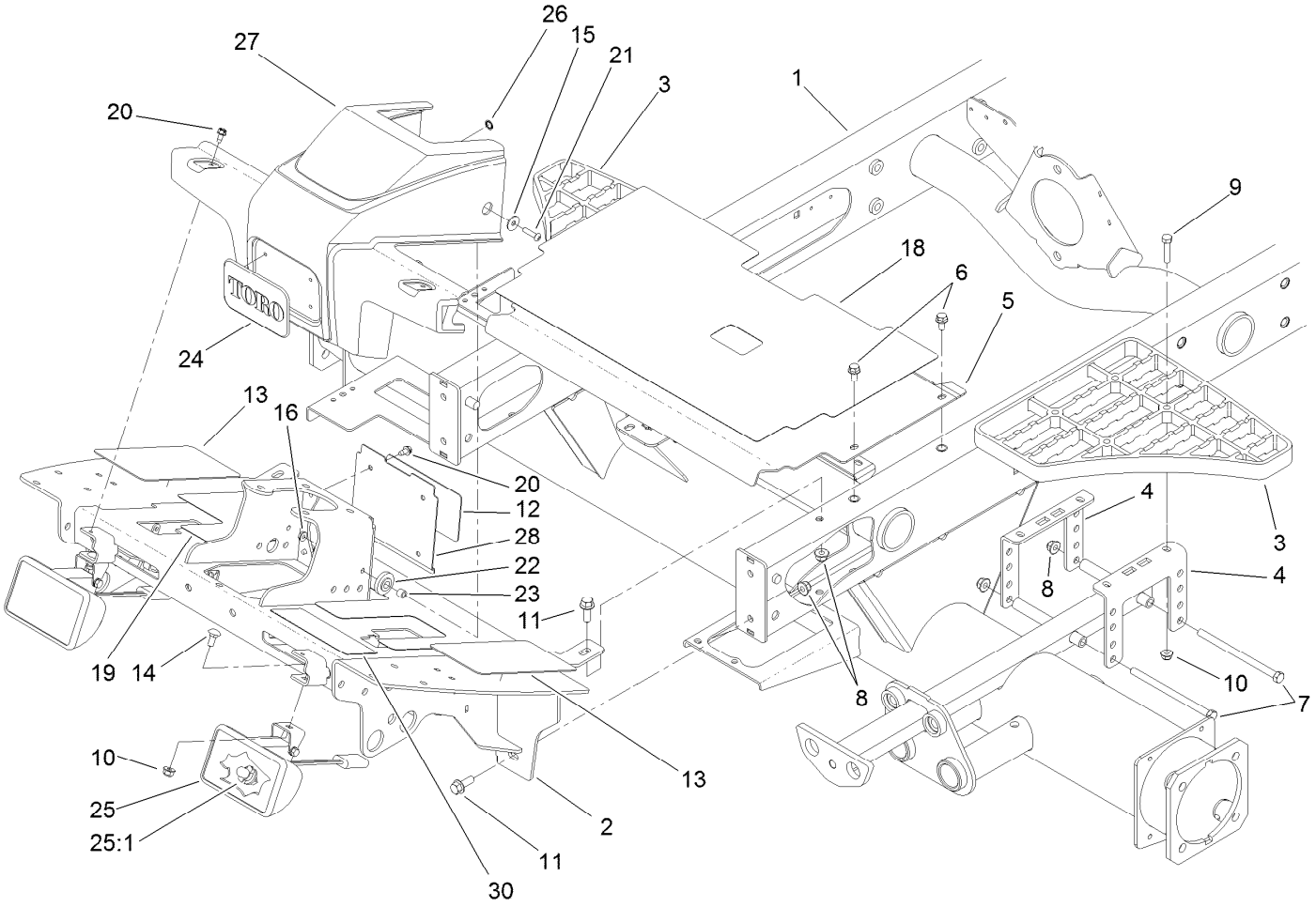
Front Frame Assembly 5
Steering Valve Hydraulic Plumbing Assembly 6
Steering Tilt Column Assembly No. 106-3622 7
Steering Valve Assembly No. 106-3621 8
Traction Pedal Assembly 9
Brake Pedal Assembly 10
Seat and Armrest Assembly 11
Seat Base and Suspension Assembly 12
Mechanical Seat Suspension Assembly No. 110-8851 13
Console and Control Arm Assembly 14
Joystick Bracket Assembly No. 106-4167 16
Hydraulic Tank Assembly 17
Fuel Tank Assembly 19
Front Wheel, Brake and Hydraulic Motor Assembly 20
Hydraulic Motor Assembly No. 114-8857 21
Hydraulic Motor Assembly No. 114-8858 22
LH Brake Assembly No. 110-8872 23
RH Brake Assembly No. 110-8871 24
Driveshaft and Variable Pump Hydraulic Fitting Assembly 25
Driveshaft Assembly No. 108-1641 26
Variable Pump Assembly No. 107-4470 27
Gear Pump Hydraulic Plumbing Assembly 29
Gear Pump Assembly No. 107-4547 30
Engine Mounting and Electrical Assembly 31
Engine Intake and Exhaust Assembly 32
Air Cleaner Assembly No. 110-8917 33
Fuel System Delivery Assembly 34
Radiator and Hydraulic Cooler Assembly 35
Hydraulic Lift Block and Plumbing Assembly 37
Hydraulic Manifold Block Assembly No. 105-7577 38
Reel Control Block Hydraulic Plumbing Assembly 39
Hydraulic Manifold Block Assembly No. 108-1625 41
Rear Reel Drive System Plumbing and Front Hose Assembly 42
Hydraulic Motor Assembly No. 110-1717 43
Front Lift Cylinder and Plumbing Assembly 44
Hydraulic Cylinder Assembly No. 110-9034 45
Hydraulic Cylinder Assembly No. 110-9033 46
Front Lift Arm Assembly 47
Rear Lift Cylinder and Plumbing Assembly 48
Rear Lift Arm Assembly 49
Rear Axle Assembly 50
Tie Rod Assembly No. 110-5334-03 52
Hydraulic Cylinder Assembly No. 110-9035 53
Battery and Bumper Assembly 54
Hood and Body Panel Assembly 55
Crankcase Assembly 56
Oil Pan Assembly 57
Cylinder Head Assembly 58
Gear Case Assembly 59
Head Cover Assembly 60
Oil Plug and Dipstick Assembly 61
Main Bearing Case Assembly 62
Cam Shaft and Idle Gear Shaft Assembly 63
Piston and Crankshaft Assembly 64

© 2021—The Toro® Company
8111 Lyndale Avenue South
Bloomington, MN 55420

Contact us at www.Toro.com.
Printed in the USA.
All Rights Reserved

Contents (continued)

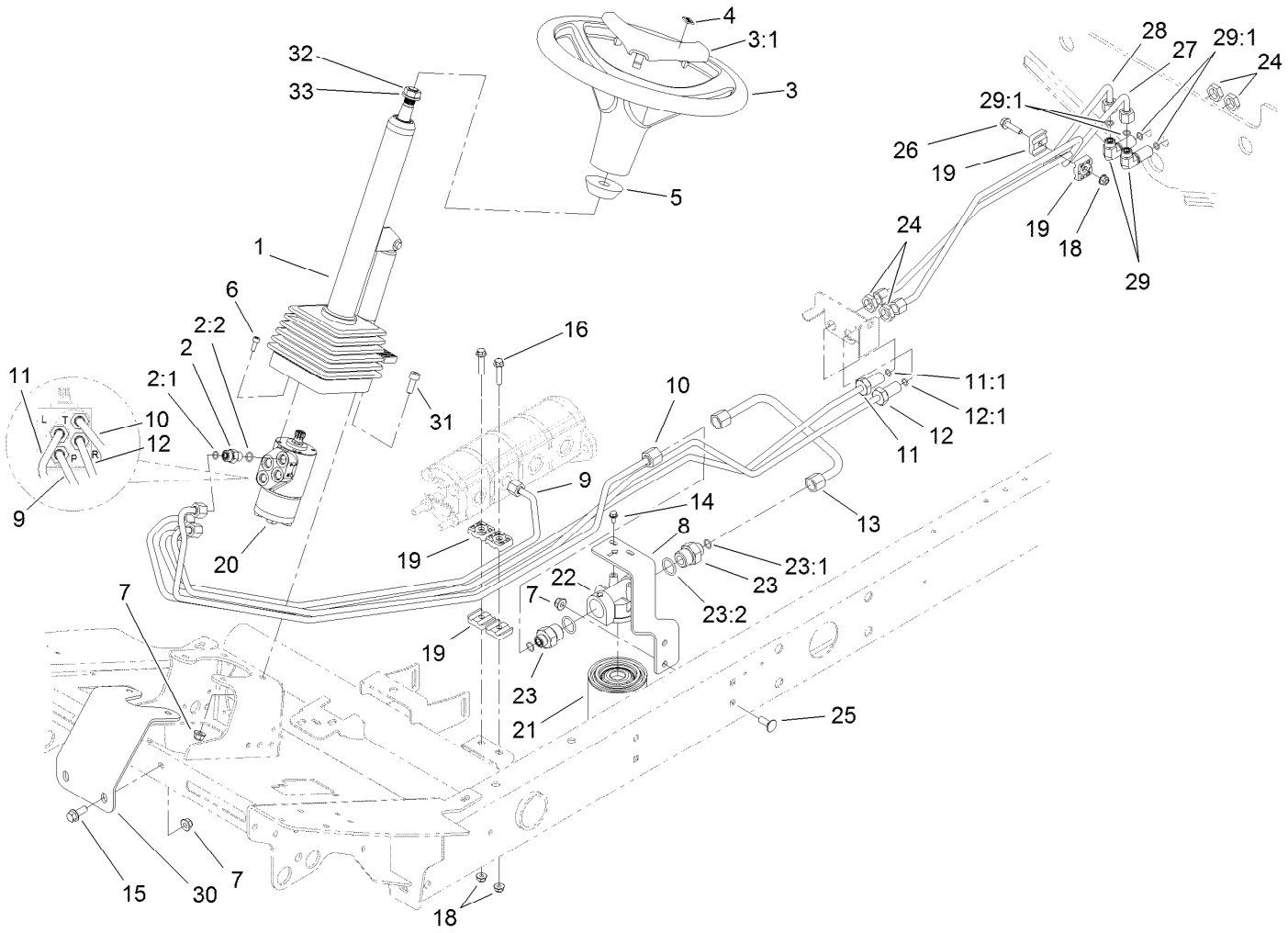
Flywheel Assembly 65
Fuel Camshaft and Governor Shaft Assembly 66
Idle Apparatus and Stop Solenoid Assembly 67
Injection Pump Assembly 68
Speed Control Plate Assembly 69
Nozzle Holder and Glow Plug Assembly 70
Nozzle Holder Component Assembly 71
Fork Lever (Governor) Assembly 72
Alternator and Pulley Assembly 73
Alternator Assembly No. 98-9474 74
Starter Assembly 75
Water Flange and Thermostat Assembly 76
Water Pump Assembly 77
Reserve Tank Assembly 78
Valve and Rocker Arm Assembly 79
Inlet / Exhaust Manifold Assembly 80
Turbo Charger Assembly 81
Oil Pipe (Turbo Charger) Assembly 82
Oil Cooler Assembly 83
Attachments and Accessories 84



Front Frame Assembly

Ref.	Part Number	Qty.	Description
1	110-5312	1	Frame ASM
2	107-4501-01	1	Platform ASM
3	110-9041	2	Step-Aluminum
4	108-1671-01	4	Bracket-Step
5	108-1806-01	1	Plate-Floor
6	3234-17	4	Screw-HHF
7	323-58	4	Bolt-TAP, HH
8	104-8301	8	Nut-HF, NI
9	322-17	8	Screw-HH
10	104-8300	10	Nut-HF, NI
11	3234-11	4	Screw-HHF
12	110-0986	1	Decal-Plate, Cover
13	110-0988	2	Tread-Floor, Side
14	3230-1	2	Bolt-CARR
15	87-6630	2	Washer-Plain

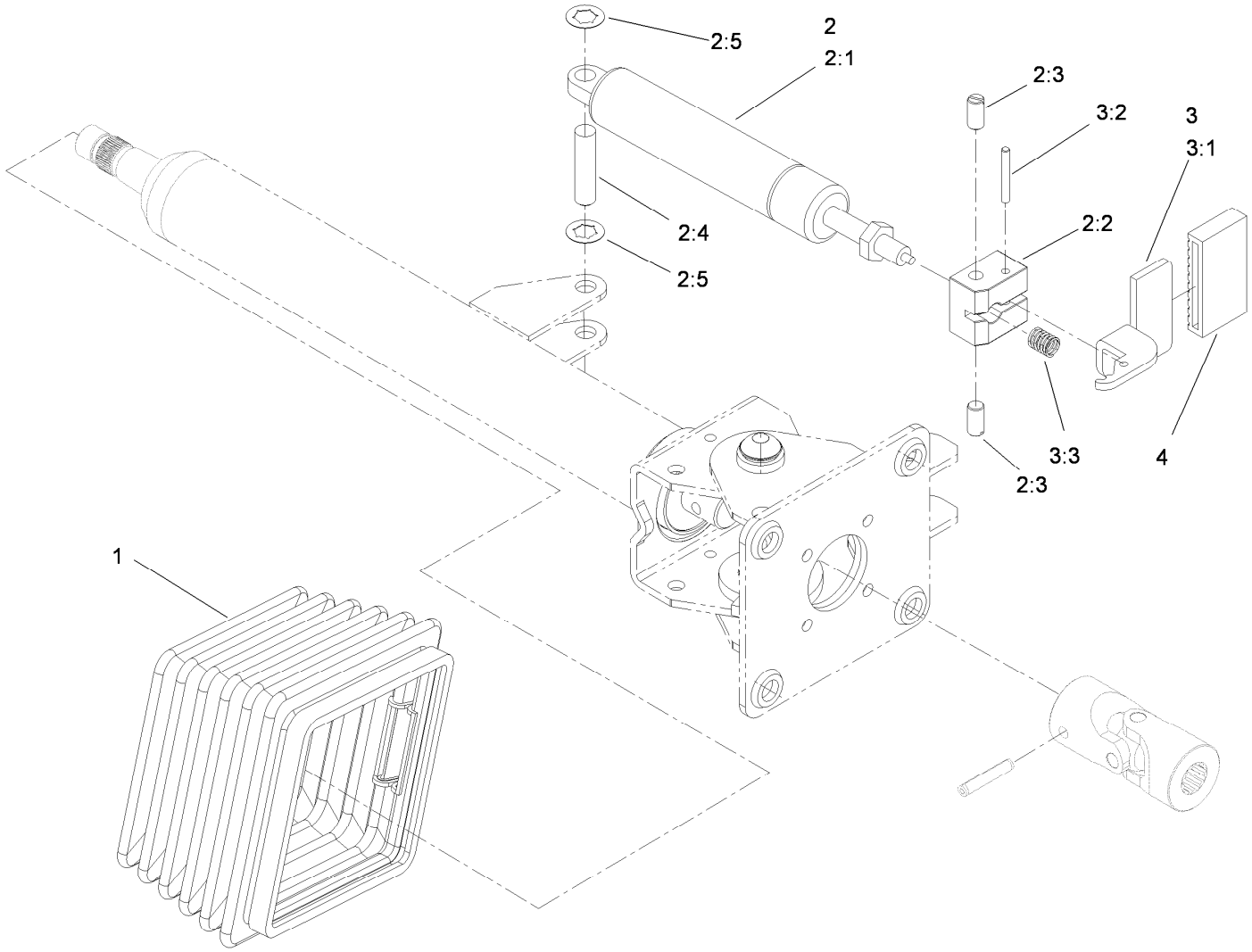
Ref.	Part Number	Qty.	Description
16	32128-33	2	Nut-HF
18	108-1844	1	Tread-Panel, Service
19	108-1845	1	Tread-Board, Floor
20	32104-17	6	Screw-HWH
21	106-9518	2	Screw-PRH
22	240-11	2	Bushing-Flange
23	66-8010	2	Spacer
24	93-6028	1	Plate-Logo
25	94-9024	2	Lamp ASM
25:1	95-0909	1	Lamp-12 Volt
26	3254-9	4	Washer-Lock, Internal
27	110-0944	1	Shroud-Platform
28	110-0947-03	1	Plate-Cover
30	110-8986	1	Decal-Danger
30	110-8924	1	Decal-Danger



Steering Valve Hydraulic Plumbing Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	106-3622	1	Steering Tilt Column ASM
2	340-2	4	Fitting-Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	98-1471	1	Wheel-Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	98-1459	1	Decal
5	93-5429	1	Collar-Foam
6	105-2409	4	Screw-HSH
7	104-8301	6	Nut-HF, NI
8	110-0906-01	1	Support-Filter, Oil
9	108-1710	1	Tube ASM
10	108-1711	1	Tube-HYD
11	108-1712	1	Tube ASM
11:1	237-22	1	O-Ring
12	108-1713	1	Tube ASM
12:1	237-22	1	O-Ring
13	108-1714	1	Tube ASM
14	3234-33	2	Screw-HHF
15	3234-11	2	Screw-HHF

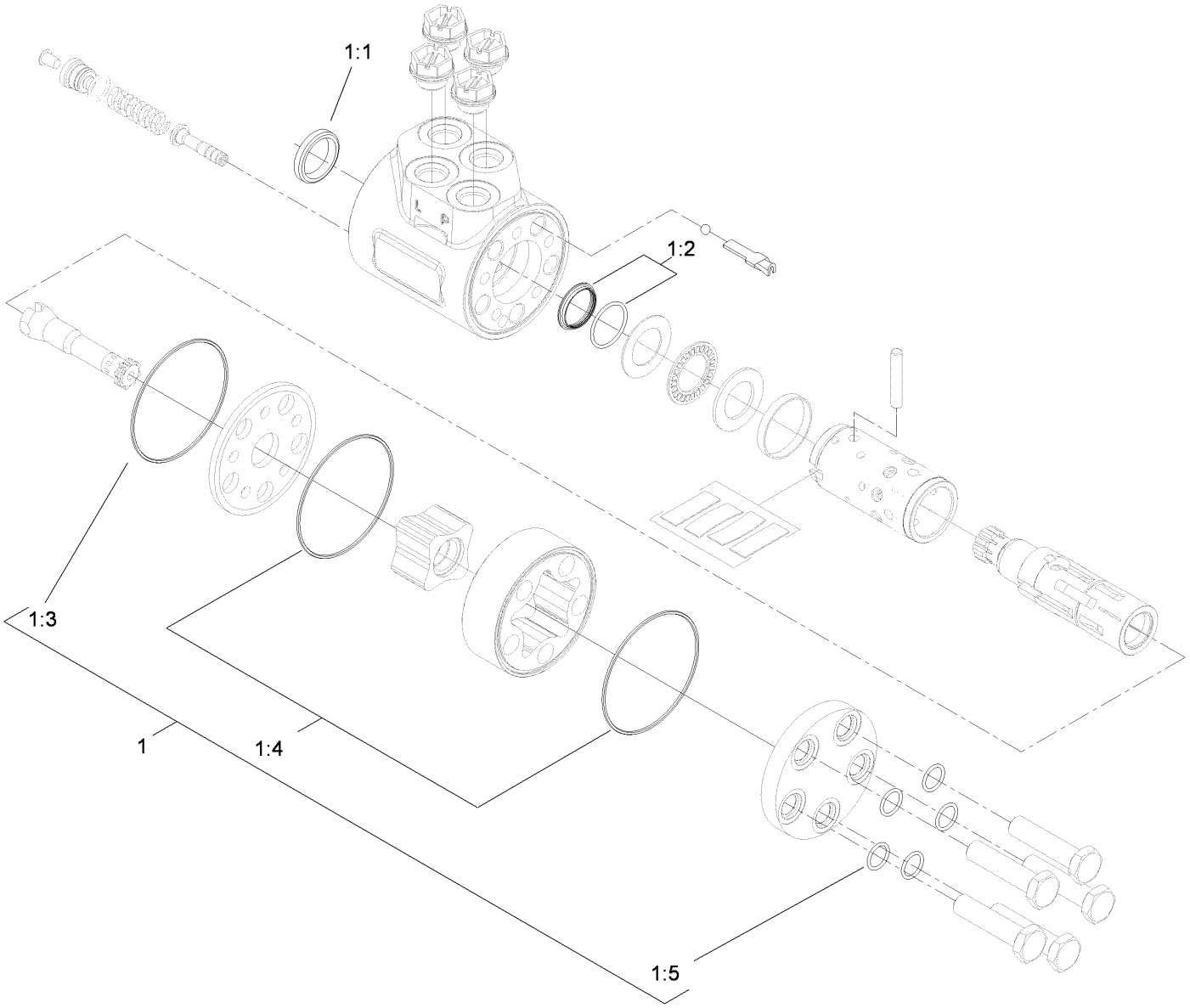
Ref.	*Part Number*	*Qty.*	*Description*
16	3234-36	2	Screw-HHF
18	104-8300	3	Nut-HF, NI
19	56-7973	6	Clamp-Tube
20	106-3621	1	Steering Valve ASM
21	86-3010	1	Filter-Oil
22	92-5821	1	Head-Filter
23	100-4240	2	Fitting-STR
23:1	237-30	1	O-Ring
23:2	237-81	1	O-Ring
24	340-70	4	Nut-Lock
25	3231-27	2	Screw-CARR
26	3234-36	1	Screw-HHF
27	108-7629	1	Tube ASM
28	108-7630	1	Tube ASM
29	340-154	2	Union-Bulkhead
29:1	237-22	2	O-Ring
30	110-8876-01	1	Brace-Column
31	3274-1	4	Screw-HSH
32	3296-33	1	Nut-Lock, NI
33	3256-27	1	Washer-Flat



Steering Tilt Column Assembly No. 106-3622

Ref.	*Part Number*	*Qty.*	*Description*
1	110-6462	1	Bellows-Rubber
2	110-6463	1	Cylinder Service Kit
2:1		1	Cylinder-Gas ●
2:2		1	Block-Pedal ●
2:3		2	Bolt ●
2:4		1	Pin ●
2:5		2	Washer-Lock ●
3	110-6464	1	Pedal Service Kit
3:1		1	Pedal ●
3:2		1	Pin ●
3:3		1	Spring ●
4	110-6465	1	Cover-Pedal

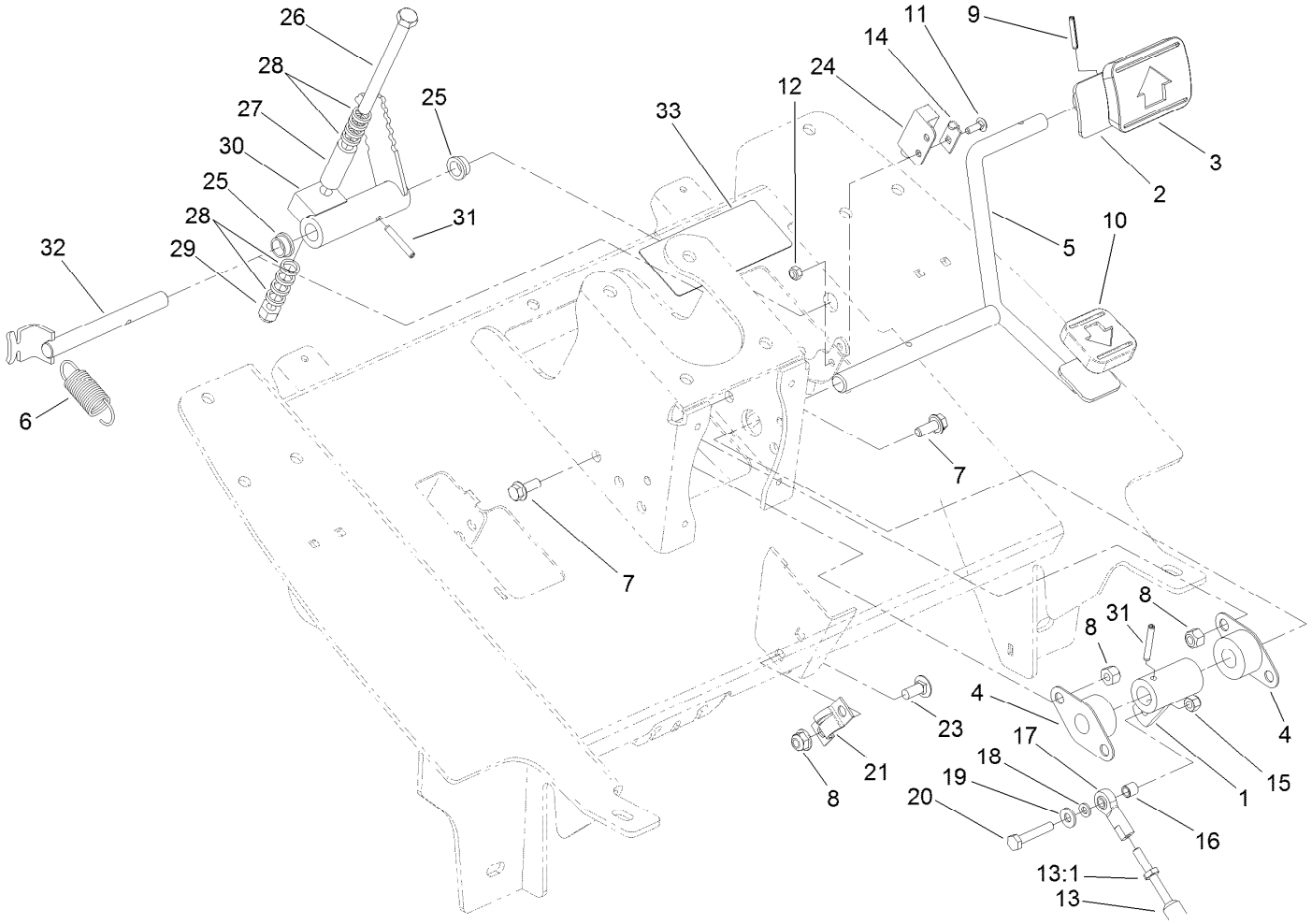
● Not serviced separately



Steering Valve Assembly No. 106-3621

Ref.	*Part Number*	*Qty.*	*Description*
1	106-6716	1	Seal Kit
1:1		1	Ring-Seal, Dust ●
1:2		1	Seal-Shaft ●
1:3		1	O-Ring ●
1:4		2	O-Ring ●
1:5		5	O-Ring ●

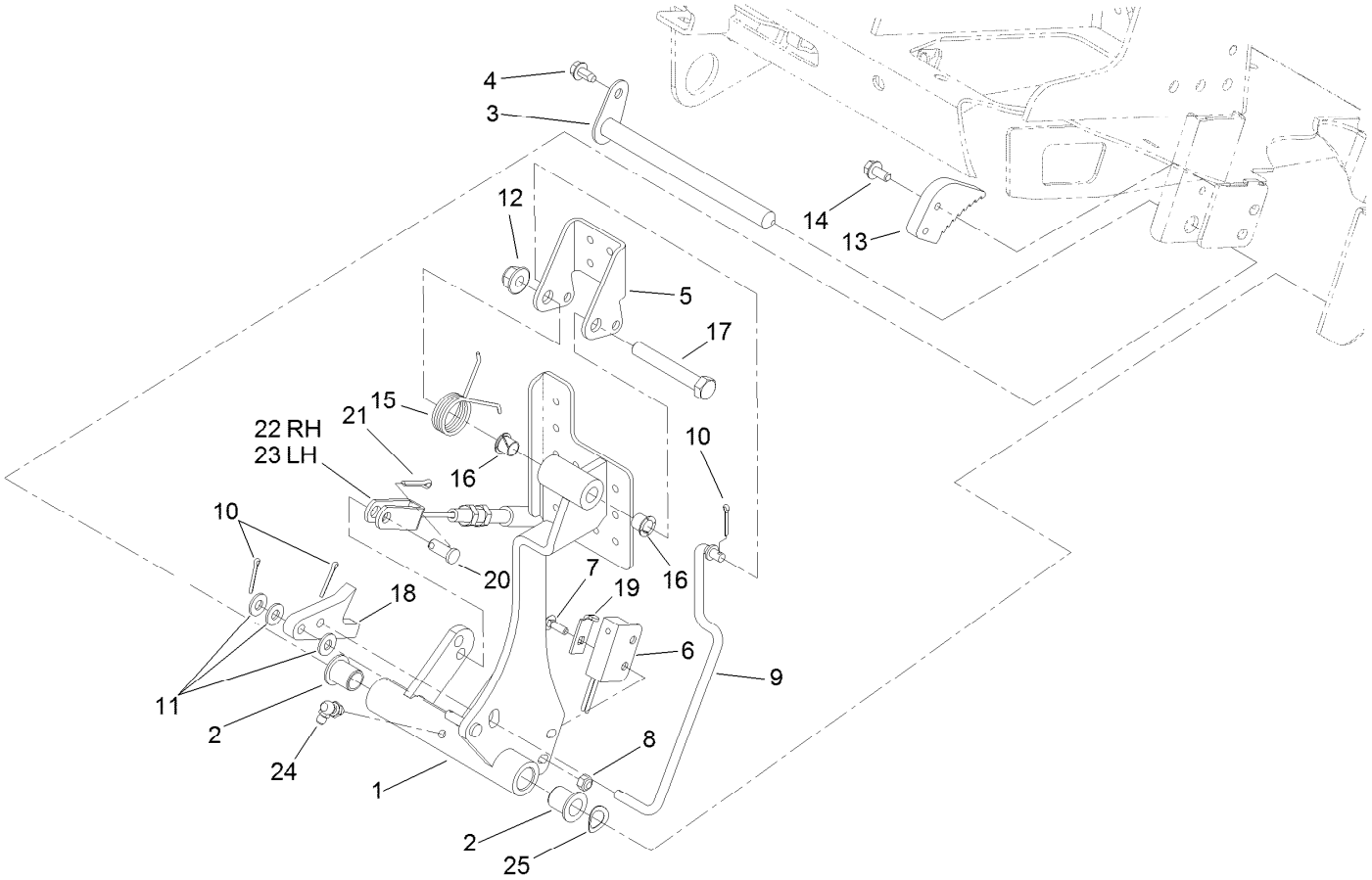
● Not serviced separately



Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	106-3719	1	Hub-Pedal, Traction
2	49-6440-03	1	Pedal-Forward
3	74-9100	1	Pad-Pedal, Forward
4	256-236	2	Bearing-Mount, Flange
5	106-3840	1	Pedal-Traction
6	92-7305	1	Spring-Extension
7	3234-5	4	Screw-HHF
8	3296-29	6	Nut-Lock, NI
9	32121-45	1	Pin-Spring
10	74-9110	1	Pad-Pedal, Reverse
11	3229-34	1	Screw-CARR
12	3296-2	1	Nut-Lock, NI
13	107-2084	1	Traction Cable ASM
13:1	3220-1	2	Nut-Jam
14	100-4872	1	Plate-Switch, Neutral
15	3296-42	1	Nut-Lock, NI
16	99-3545	1	Spacer

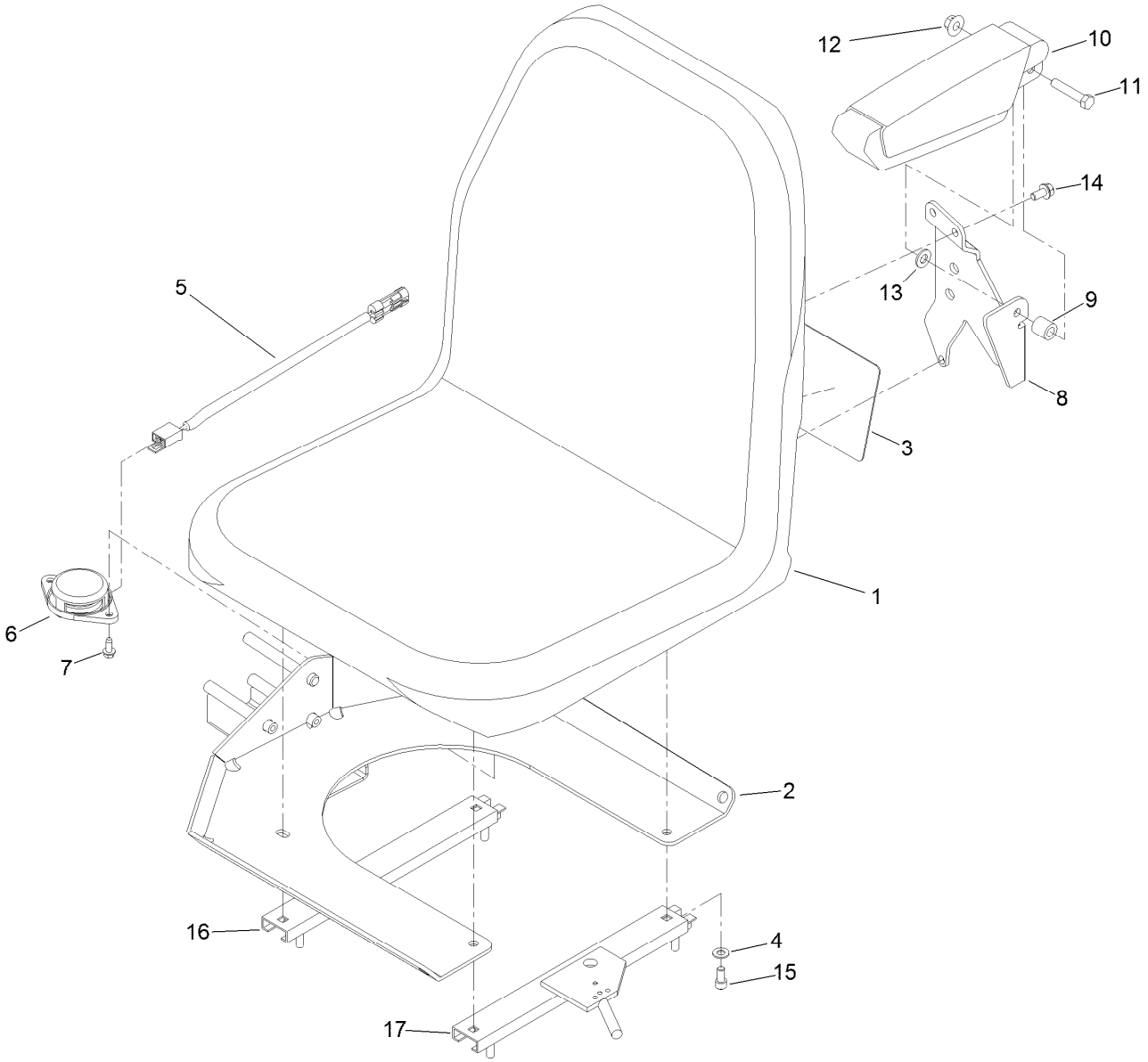
Ref.	Part Number	Qty.	Description
17	2411-41	1	Rod End-Ball Joint
18	33093-00	1	Washer-Flat
19	3256-22	1	Washer-Flat
20	321-9	1	Screw-HH
21	93-2092	1	Clamp-Cable
23	3234-5	2	Screw-HHF
24	104-1414	1	Sensor-Proximity, Ferrous (NC)
25	256-156	2	Bushing-Flange
26	323-17	1	Screw-HH
27	95-6448	1	Spacer
28	62-4420	8	Washer
29	3296-39	1	Nut-Lock, NI
30	106-3734	1	Stop-Mow
31	32121-6	2	Pin-Roll, Slotted
32	106-3731	1	Rod-Pivot
33	110-8921	1	Decal-Speed, Mow



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	106-3712-03	1	Pedal-Brake
2	256-155	2	Bushing-Flange
3	104-7179	1	Pivot-Pedal
4	12-3270	1	Screw
5	99-7963-03	1	Pedal-Park
6	100-1270	1	Switch-Proximity
7	3229-34	1	Screw-CARR
8	3296-2	1	Nut-Lock, NI
9	110-0914	1	Rod-Pawl, Brake
10	3272-6	3	Pin-Cotter
11	3256-22	3	Washer-Flat
12	104-8301	1	Nut-HF, NI
13	99-7214	1	Pawl-Brake

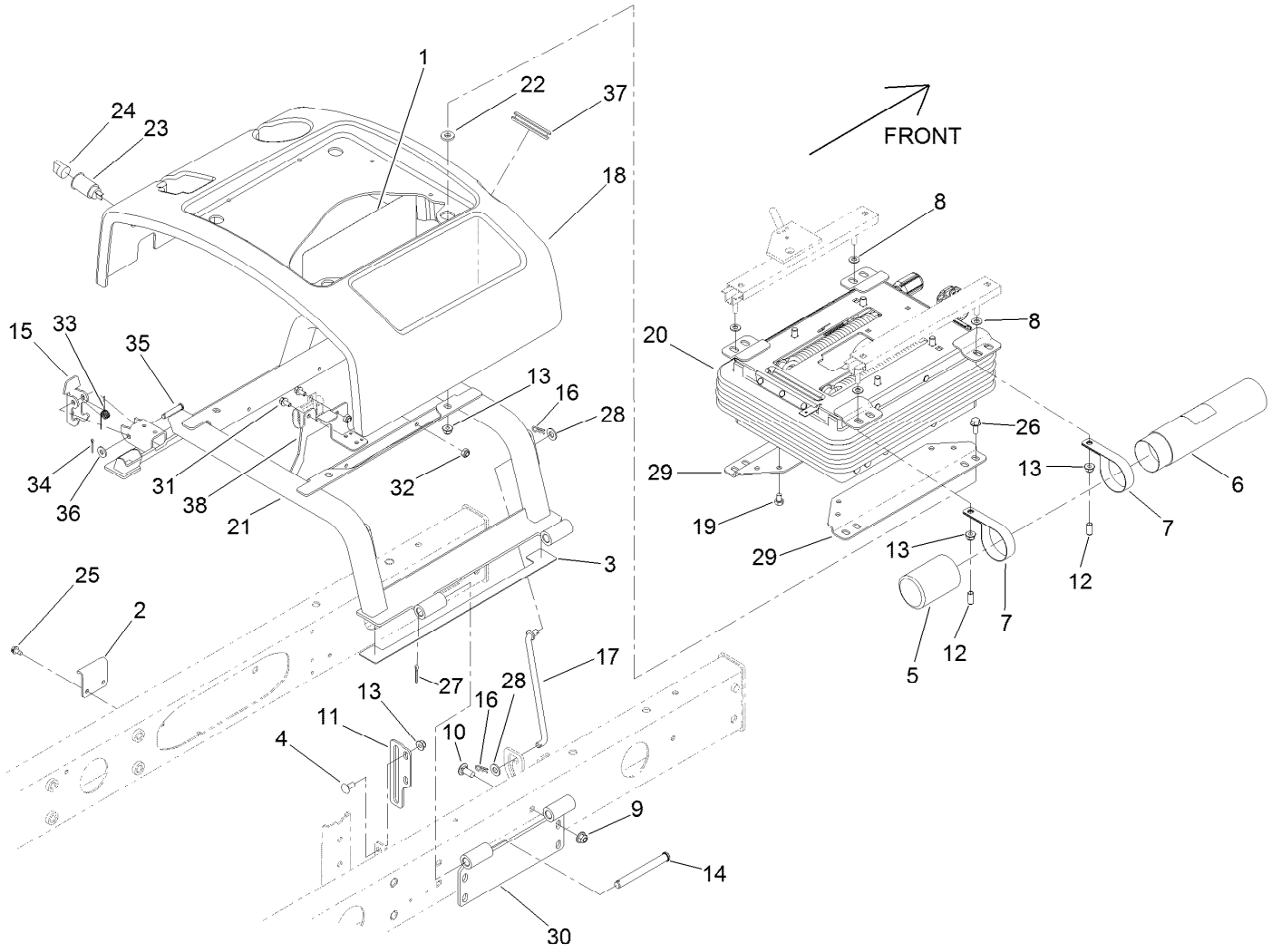
Ref.	Part Number	Qty.	Description
14	3234-13	2	Screw-HHF
15	99-7140	1	Spring-Torsion
16	52-2891	2	Bushing-Flanged, Nylon
17	323-12	1	Screw-HH
18	106-3713	1	Detent
19	100-4872	1	Plate-Switch, Neutral
20	283-62	2	Pin-Clevis
21	3272-10	2	Pin-Cotter
22	110-9036	1	Cable-Brake, RH
23	110-9037	1	Cable-Brake, LH
24	302-60	1	Fitting-Grease
25	110-8982	1	Washer-Spring



Seat and Armrest Assembly

Ref.	Part Number	Qty.	Description
1	104-4620	1	Seat
2	108-7591-03	1	Mount-Seat / Control
3	114-0429	1	Decal-Service Instructions
4	3256-23	4	Washer-Plain
5	108-8657	1	Harness-Wire, Seat
6	92-6282	1	Switch-Seat
7	32144-10	2	Screw-HWH
8	69-0760	1	Bracket-Arm, LH
9	92-7301	1	Spacer

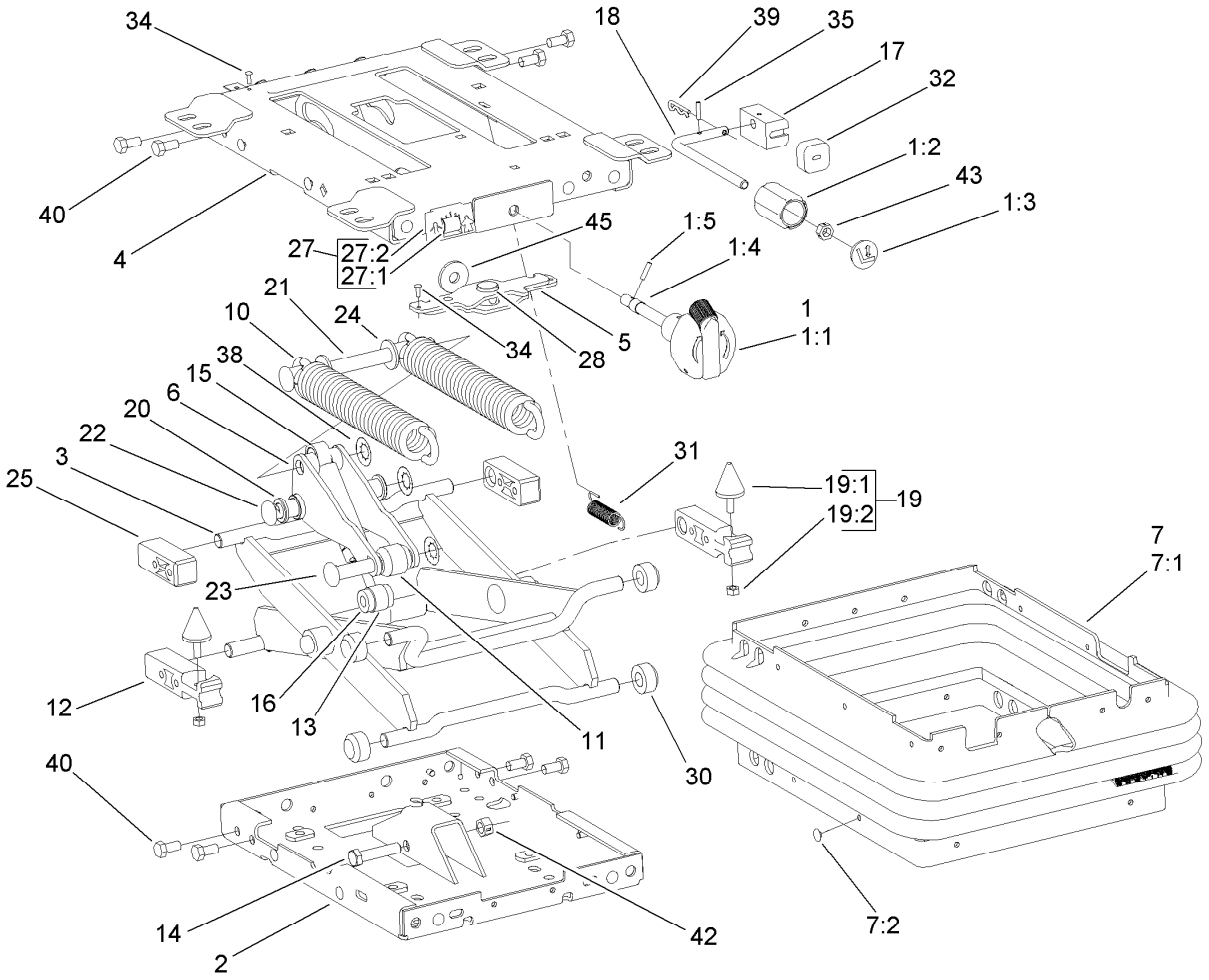
Ref.	Part Number	Qty.	Description
10	69-1180	1	Armrest
11	323-9	1	Screw-HH
12	32128-19	1	Nut-HF Lock,Large Flg
13	3256-24	1	Washer-Flat
14	3234-14	3	Screw-HHF
15	3274-12	4	Screw-HSH
16	92-8990	1	Adjuster-Seat, Non-Locking
17	92-8991	1	Adjuster (W/Latch)



Seat Base and Suspension Assembly

Ref.	Part Number	Qty.	Description
1	114-8891	1	Decal-Reel Speed, 7In
2	110-8972	1	Hook-Latch
3	110-5255	2	Bumper-Base, Seat
4	3230-1	2	Bolt-CARR
5	104-7048	1	Cap-Housing
6	104-7050	1	Tube-Manual
7	2412-133	2	Clamp-R
8	3256-23	4	Washer-Plain
9	104-8301	4	Nut-HF, NI
10	3231-27	4	Screw-CARR
11	108-7584-01	1	Plate-Guide, Rod
12	94-2782	4	Cap-Wire, Lite
13	104-8300	10	Nut-HF, NI
14	93-5343	2	Pin-Clevis
15	110-8971	1	Latch
16	3290-307	4	Pin-Cotter
17	98-0917	2	Rod-Prop
18	108-1757	1	Cover-Seatbase
19	48-7680	4	Screw-HH
20	110-8851	1	Mechanical Suspension ASM

Ref.	Part Number	Qty.	Description
21	108-7577-03	1	Seat Base
22	71-9310	4	Spacer
23	99-7411	1	Point-Power
24	99-7416	1	Cap
25	32104-17	2	Screw-HWH
26	3234-17	4	Screw-HHF
27	3272-11	2	Pin-Cotter
28	3256-24	4	Washer-Flat
29	108-6590-03	2	Bracket-Seat, Lower
30	108-7582-03	1	Plate-Pivot
31	3234-13	2	Screw-HHF
32	3296-16	2	Nut-Lock, NI
33	104-4821	1	Spring-Torsion
34	3272-6	1	Pin-Cotter
35	94-3829	1	Pin-Clevis
36	3256-2	1	Washer-Flat
37	240-12	1	Grommet-Rubber
38	110-9027	1	Bracket-Harness

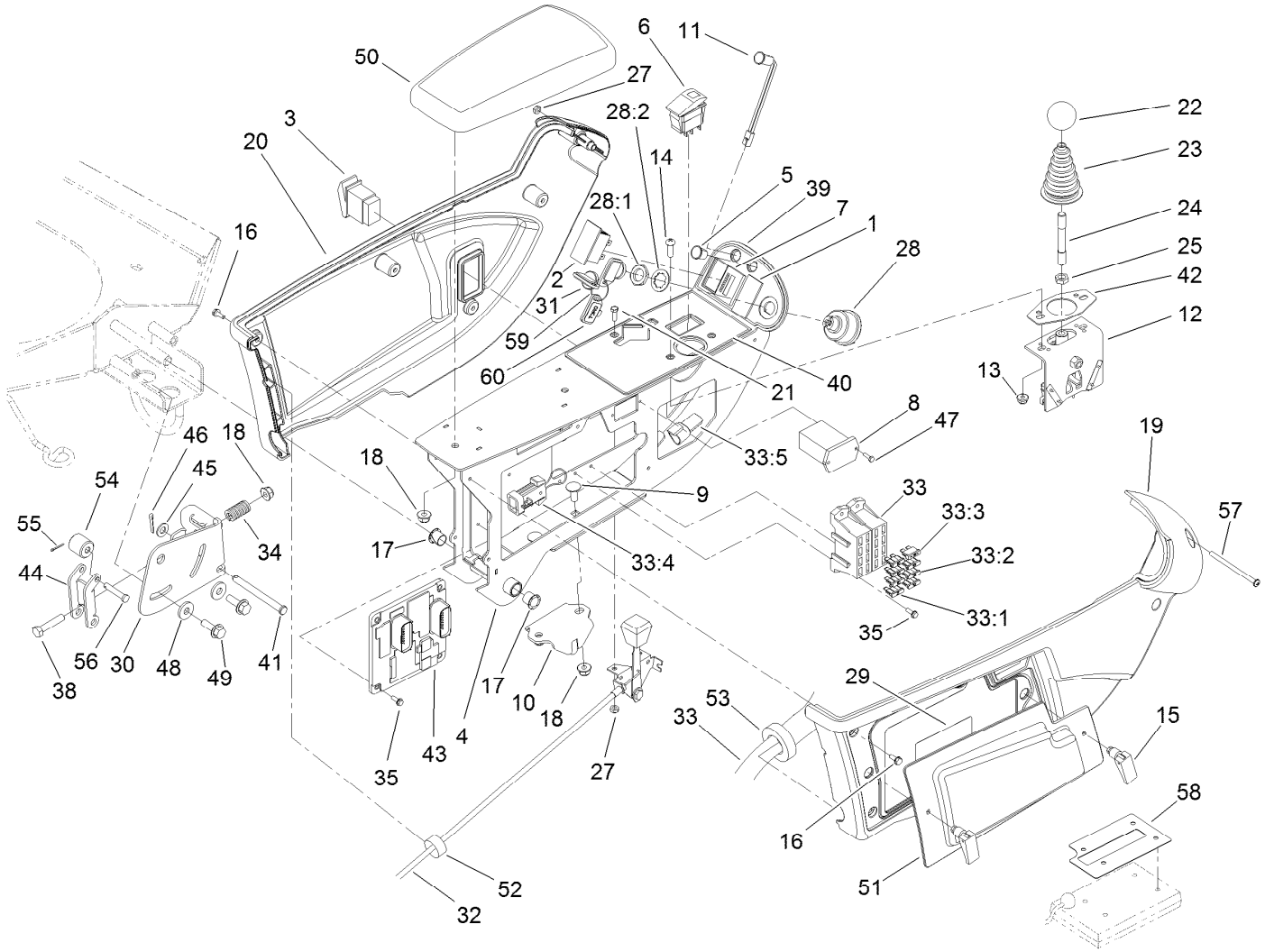


Mechanical Seat Suspension Assembly No. 110-8851

Ref.	Part Number	Qty.	Description
1	108-4583	1	Knob Service Kit
1:1		1	Knob-Weight, Adjust ●
1:2		1	Knob-Adjust, Height ●
1:3		1	Cap-Knob, Height Adjust ●
1:4		1	Spacer-Adjust, Weight ●
1:5		1	Pin-Roll ●
2		1	Housing-Lower ●
3		1	Scissors-Compact ●
4		1	Housing-Upper ●
5		1	Adjuster-Weight ●
6		1	Drive Arm ●
7	112-0164	1	Boot Kit
7:1		1	Boot-Suspension ●
7:2	108-9641	21	Clip-Plug
10		2	Spring-Extension ●
11		1	Guide-Roller ●
12		2	Block-Scissors Pivot, Side Mount ●
13	108-9614	1	Damper
14		1	Bolt-Shock, Lower ●
15		2	Bushing-Shock, Upper ●
16		2	Bushing-Shock, Lower ●
17		1	Block-Bumper, Up Stop ●
18		1	Rod-Adjust, Height ●

Ref.	Part Number	Qty.	Description
19	108-4585	2	Bumper Service Kit
19:1		2	Bumper-Stop ●
19:2		2	Nut ●
20	108-9622	2	Tube
21		1	Shaft-Spring ●
22		1	Pin-Pivot ●
23		1	Pin-Roller ●
24		2	Bushing-Spring ●
25		2	Block-Shaft ●
27	108-4584	1	Weight Indicator Service Kit
27:1		1	Tape-Weight Adjust ●
27:2		1	Guide-Weight Adjust ●
28		1	Nut-Adjust, Weight ●
30	108-9632	4	Roller
31	108-9633	1	Spring-Extension
32	108-9634	1	Bumper
34	3269-16	2	Rivet
35		1	Pin-Roll ●
38		3	Retainer ●
39	3272-9	1	Pin-Cotter
40		8	Screw-HWHTF ●
42	32152-2	1	Nut-Lock, Cone
43	32152-1	1	Nut-Lock, Cone
45	3256-24	1	Washer-Flat

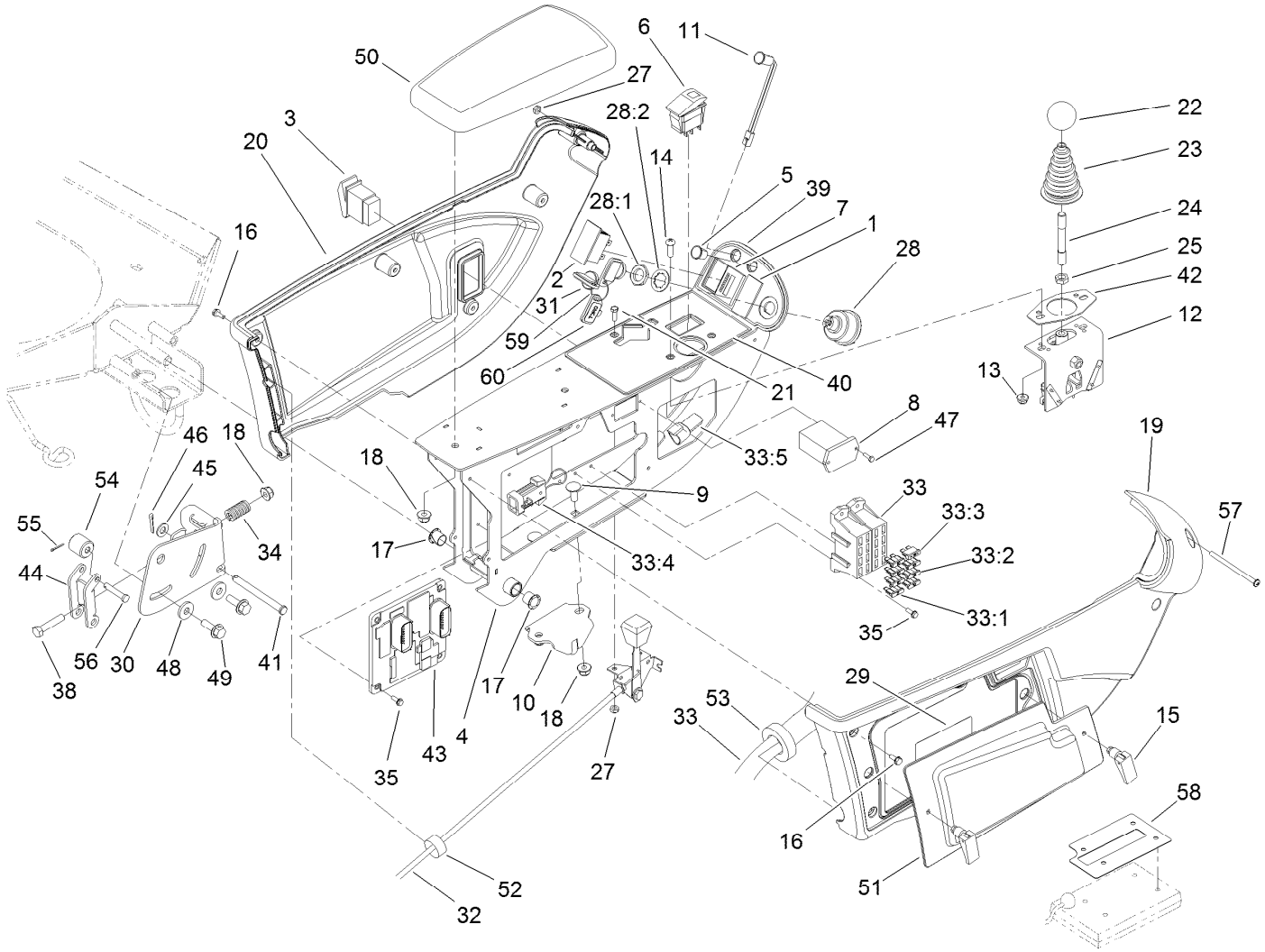
● Not serviced separately



Console and Control Arm Assembly

Ref.	Part Number	Qty.	Description
1	100-8070	1	Lamp-Warning
2	100-8071	1	Lamp-Warning
3	95-8999	1	Switch
4	108-7599-03	1	Control Arm ASM
5	2410-64	1	Plug-Button
6	105-4232	1	Switch
7	110-0941	1	Gauge-Temperature
8	75-6820	1	Hourmeter
9	3230-23	2	Bolt-CARR
10	110-5340	1	Latch
11	95-7652	1	Light-Indicator
12	106-4167	1	Joystick Bracket ASM
13	104-7201	2	Nut-HF, NI
14	3258-166	2	Screw-PRH
15	74-5950	2	Latch-Swell
16	32144-112	10	Screw-HWH
17	256-257	2	Bushing-Nyliner
18	104-8300	4	Nut-HF, NI
19	108-7605	1	Cover-RH
20	108-7604	1	Cover-LH
21	3290-134	2	Screw

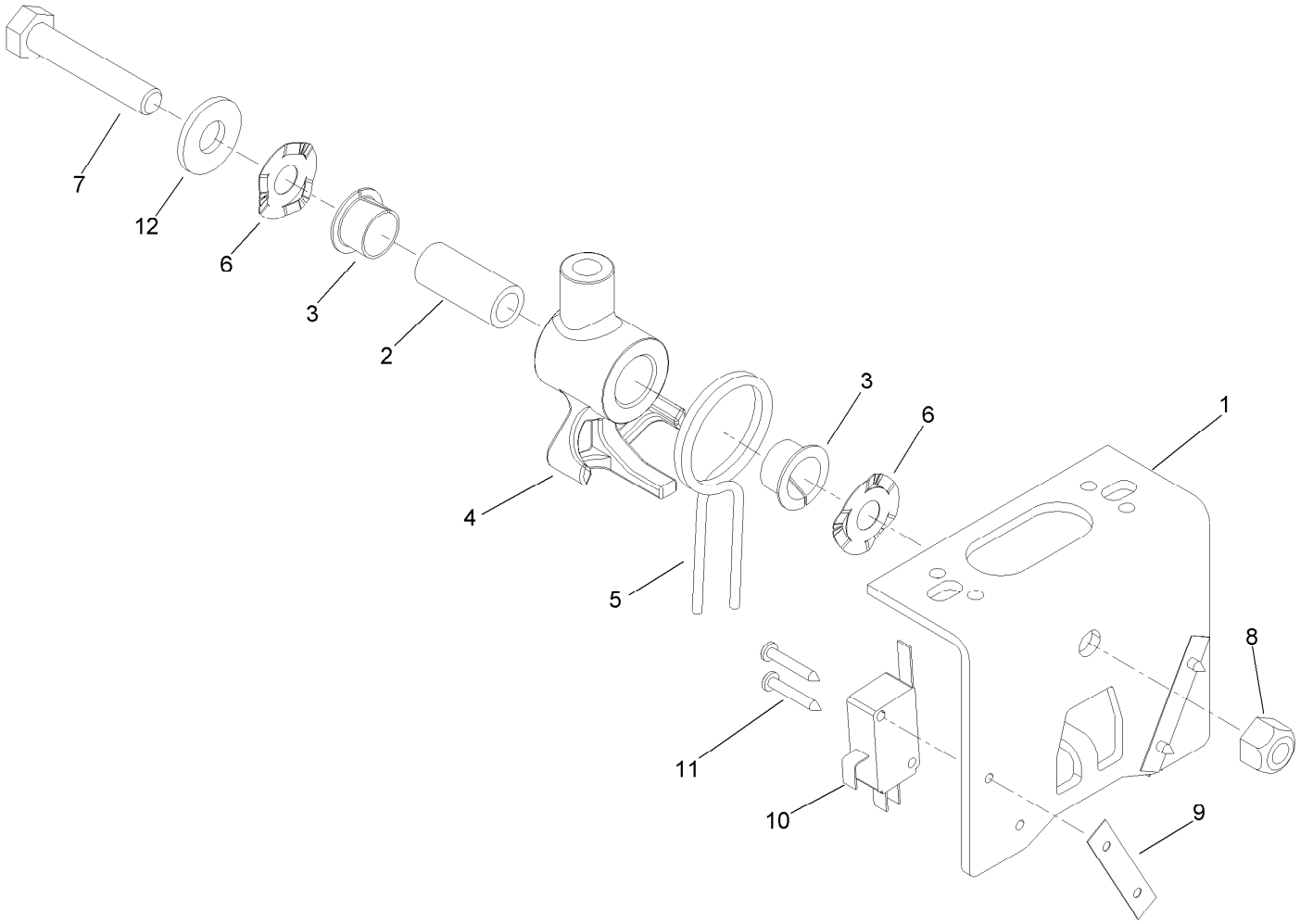
Ref.	Part Number	Qty.	Description
22	233-42	1	Knob
23	93-5961	1	Boot-Lever
24	105-8288	1	Rod-Joystick
25	3218-3	1	Nut-Jam
27	3296-12	2	Nut-Lock, NI
28	104-2541	1	Ignition Switch ASM
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Lock
29	110-0989	1	Decal-Fuse
30	110-5313-03	1	Bracket-Retainer
31	63-8360	2	Key-Ignition
32	114-8886	1	Control-Throttle
33	115-1917	1	Harness-Wire, Seat
33:1	94-6710	1	Fuse-2 Amp
33:2	218-578	6	Fuse-Blade, 10 Amp
33:3	109355	1	Fuse-Blade, 15 Amp
33:4	85-4650	1	Connector
33:5	32180-043	1	Resistor-120 Ohm
34	110-5331	1	Spring-Compression
35	32144-87	9	Screw-HWHTF
38	322-7	1	Screw-HH



Console and Control Arm Assembly (continued)

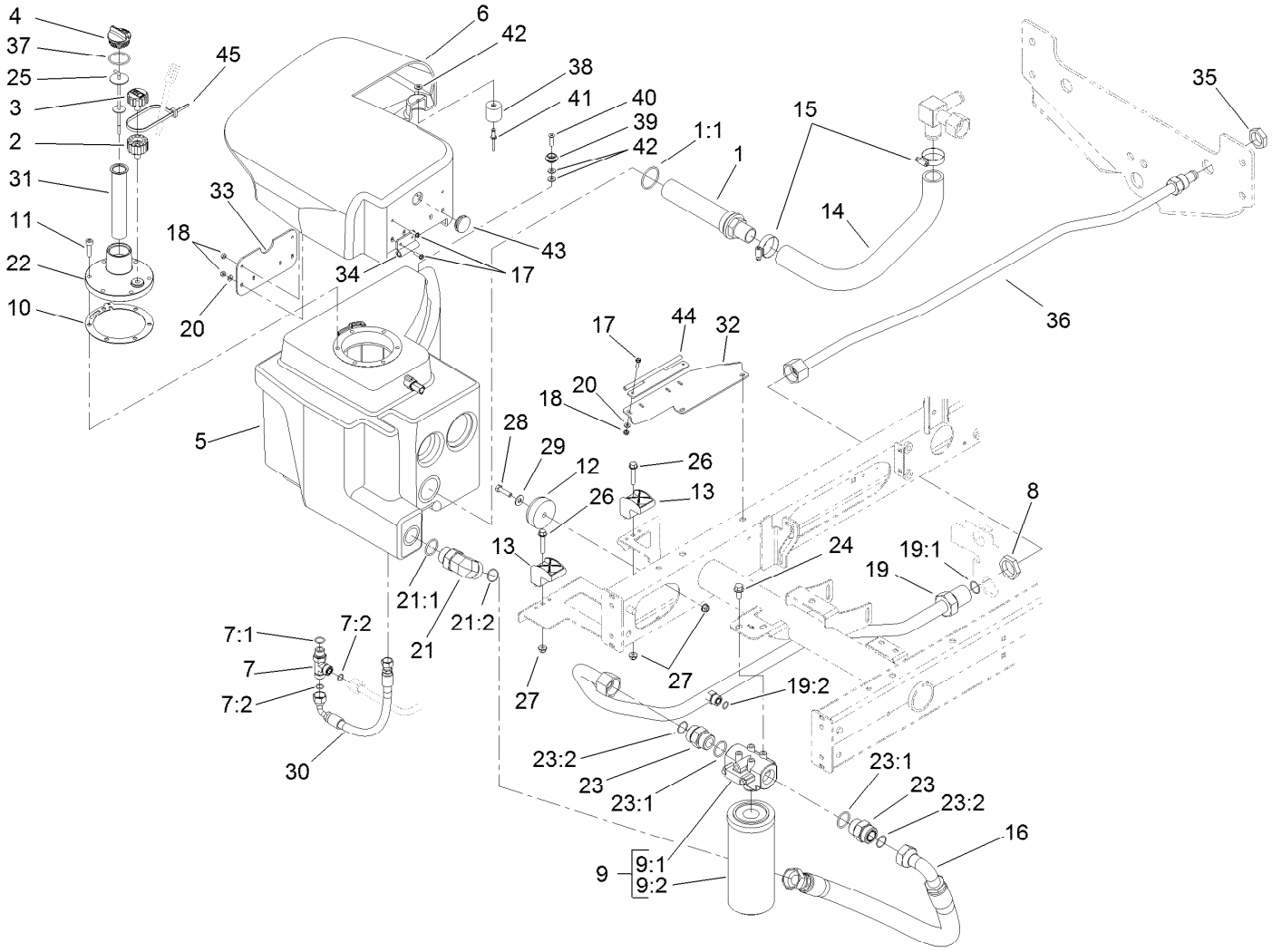
Ref.	Part Number	Qty.	Description
39	110-0984	1	Decal-Console
40	110-0998	1	Decal-Panel, Control
41	283-88	1	Pin-Clevis
42	112-9181	1	Plate-Boot
43	110-0650	1	Module-Control, Electronic
44	110-5314	1	Latch
45	3256-23	1	Washer-Plain
46	3272-10	1	Pin-Cotter
47	32144-18	2	Screw-HWH
48	4-2390	2	Washer-Flat
49	3234-29	2	Screw-HHF

Ref.	Part Number	Qty.	Description
50	108-7602	1	Rest-Arm
51	108-7616	1	Panel-Access
52	110-8911	1	Seal-Foam
53	110-8912	1	Seal-Foam
54	110-8856	1	Spacer
55	3272-1	1	Pin-Cotter
56	283-73	1	Pin-Clevis
57	95-6354	1	Screw
58	110-0666	1	Overlay-Diagnostics
59	98-9321	1	Ring-Key
60	99-8970	1	Key-Latch, Hood



Joystick Bracket Assembly No. 106-4167

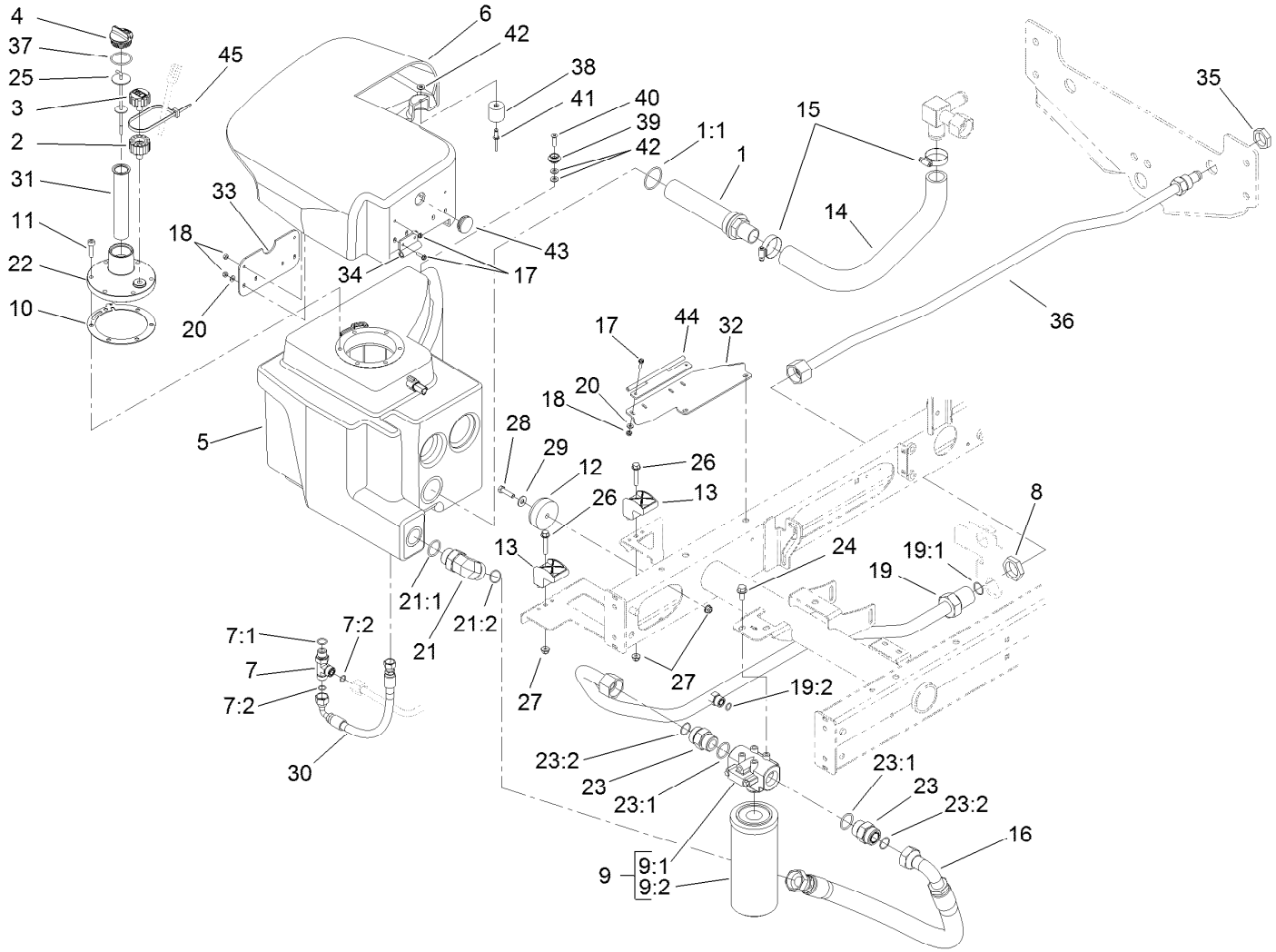
Ref.	*Part Number*	*Qty.*	*Description*
1	106-4168-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	105-7507	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	108-6496	2	Switch (W/Boot)
11	95-3003	4	Screw-PPHTF
12	3256-3	1	Washer-Flat



Hydraulic Tank Assembly

Ref.	Part Number	Qty.	Description
1	105-0131	1	Strainer-Tank, Oil
1:1	340-136	1	O-Ring
2	92-8020	1	Adapter-Breather
3	68-6150	1	Breather
4	93-7498	1	Plug-Plastic
5	107-4513	1	Tank-Oil
6	107-4545	1	Cover-Tank
7	340-109	1	Fitting-Tee
7:1	237-79	1	O-Ring
7:2	237-30	2	O-Ring
8	340-128	1	Nut-Bulkhead
9	98-3923	1	Oil Filter ASM
9:1	104-0080	1	Filter Head ASM
9:2	94-2621	1	Element-Filter
10	94-2660	1	Gasket-Flange
11	94-3559	6	Screw-HSH
12	108-1605	1	Bumper-Recess
13	107-4543	2	Clamp
14	108-1685	1	Hose-Formed
15	2412-111	2	Clamp-Hose, W/Liner
16	108-1689	1	Hose-HYD

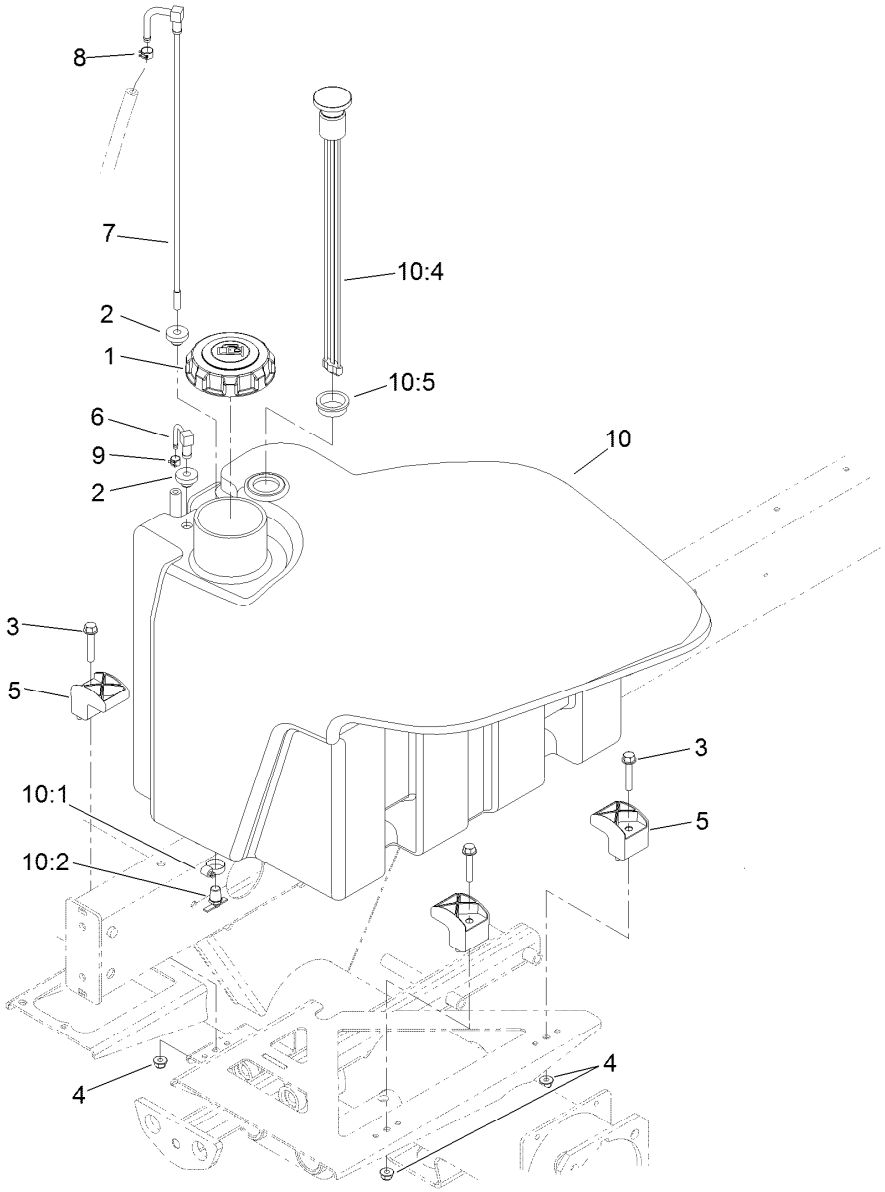
Ref.	Part Number	Qty.	Description
17	32105-13	8	Screw-HWH
18	3296-2	8	Nut-Lock, NI
19	108-1699	1	Tube ASM
19:1	340-65	1	O-Ring
19:2	237-30	1	O-Ring
20	3256-14	6	Washer-Flat
21	340-129	1	Fitting-Elbow, 90 DEG
21:1	237-146	1	O-Ring
21:2	340-65	1	O-Ring
22	108-7641	1	Cap-Tank, HYD
23	104-3797	2	Fitting-Straight
23:1	237-146	1	O-Ring
23:2	340-65	1	O-Ring
24	3234-1	2	Screw-HHF
25	94-9411	1	Dipstick
26	94-5780	2	Screw-HWH
27	104-8300	3	Nut-HF, NI
28	322-6	1	Screw-HH
29	3256-3	1	Washer-Flat
30	108-8428	1	HYD Hose ASM
31	61-2790	1	Filter-Screen



Hydraulic Tank Assembly (continued)

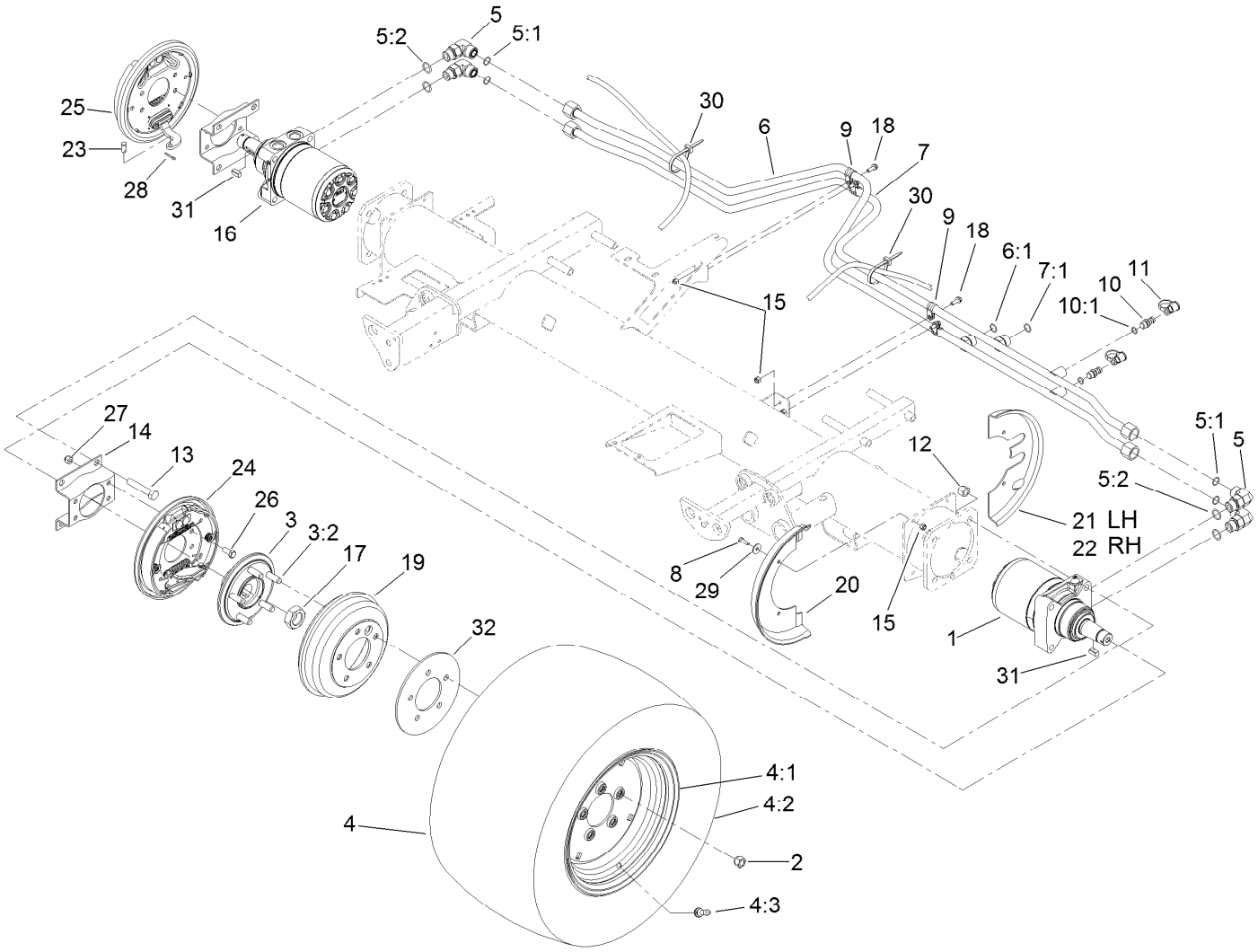
Ref.	Part Number	Qty.	Description
32	108-1606-03	1	Bracket-Hinge
33	108-1607-03	1	Plate-Hinge
34	110-8925	2	Hinge ASM
35	340-126	1	Nut-Bulkhead
36	108-1691	1	Tube ASM
37	237-101	1	O-Ring
38	99-7830	1	Receptical-Rubber

Ref.	Part Number	Qty.	Description
39	99-7833	1	Post-Holding
40	32108-5	1	Screw-FH
41	3290-412	1	Rivet-Blind
42	3256-22	3	Washer-Flat
43	110-5333	1	Grommet-Plug
44	110-8928	1	Pin ASM
45	3290-378	1	Tie-Cable



Fuel Tank Assembly

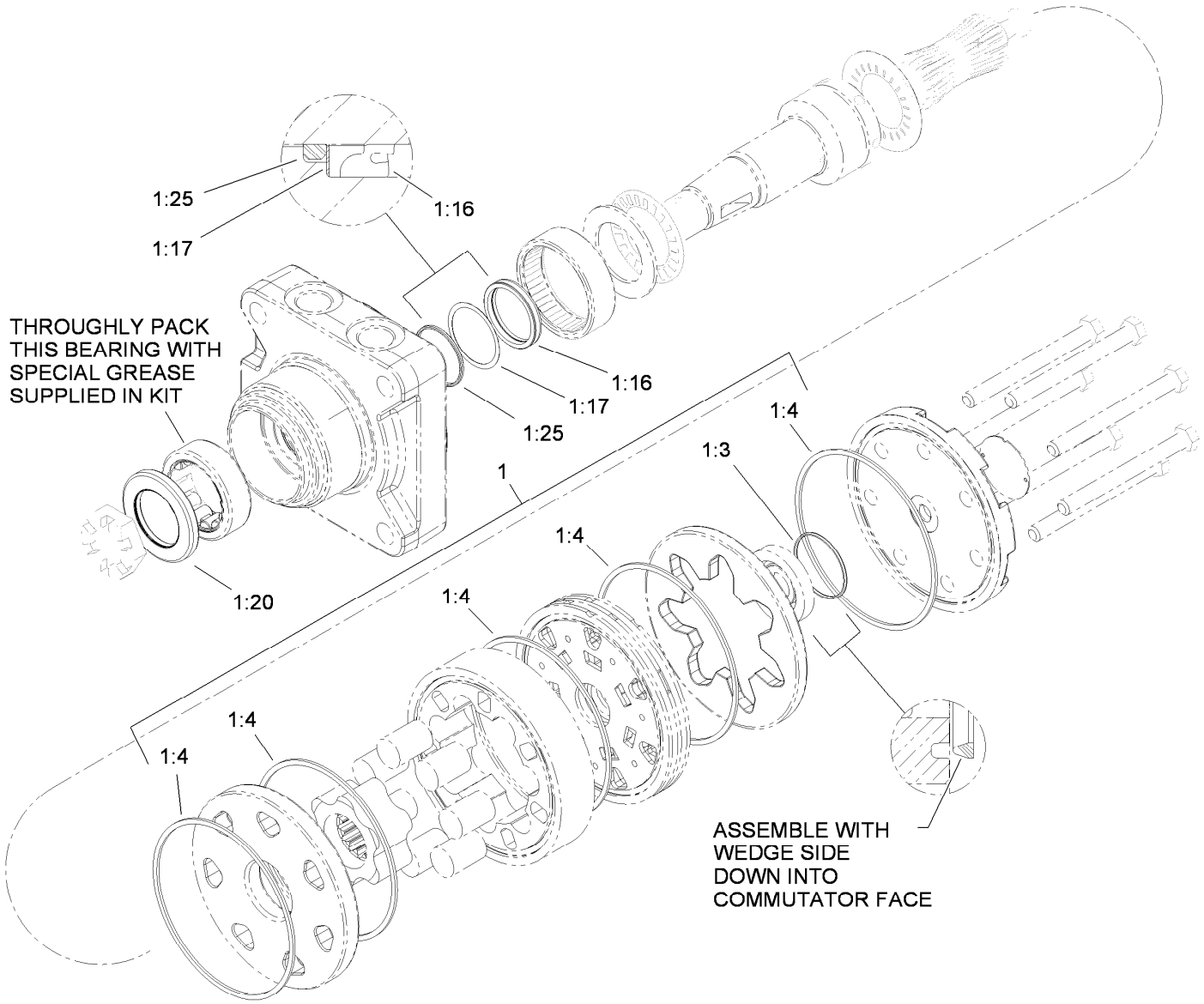
Ref.	*Part Number*	*Qty.*	*Description*
1	114-5062	1	Cap-Biodiesel
2	46-6560	2	Bushing
3	94-5780	3	Screw-HWH
4	104-8300	3	Nut-HF, NI
5	107-4543	3	Clamp
6	108-1643	1	Fitting-Return
7	110-9031	1	Fitting-Suction
8	92-2379	1	Clamp-Hose
9	2412-146	1	Clamp-Hose
10	108-1842	1	Fuel Tank ASM
10:1	2412-36	1	Clamp-Hose
10:2	304-46	1	Draincock
10:4	108-1640	1	Gauge-Fuel
10:5	95-8972	1	Grommet



Front Wheel, Brake and Hydraulic Motor Assembly

Ref.	Part Number	Qty.	Description
1	114-8857	1	HYD Motor ASM
2	242-50	10	Nut-Lug
3	114-8876	2	Hub ASM
3:2	10-6830	5	Stud-Type, Drive
4	108-1603	2	Wheel And Tire ASM
4:1	106-3842	1	Rim
4:2	93-6152	1	Tire
4:3	232-27	1	Stem-Valve
5	340-17	4	Fitting-Elbow, 90 DEG
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	108-7632	1	Tube ASM
6:1	237-65	1	O-Ring
7	108-7633	1	Tube ASM
7:1	237-65	1	O-Ring
8	321-4	8	Screw-HH
9	2412-134	4	Clamp-R
10	59-7410	2	Fitting-Diagnostic
10:1	237-42	1	O-Ring
11	354-79	2	Cap-Dust
12	3296-23	8	Nut-Lock, NI

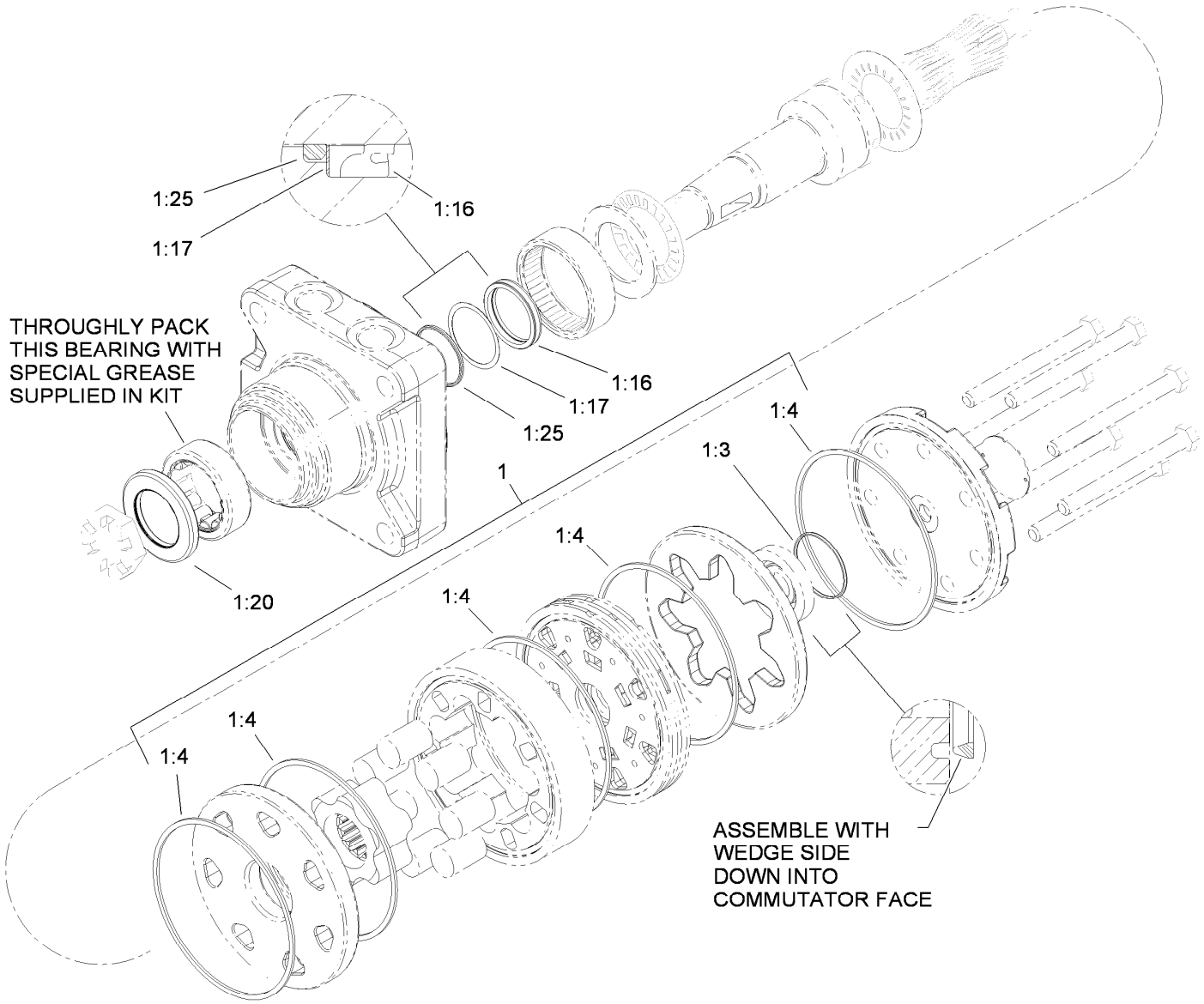
Ref.	Part Number	Qty.	Description
13	325-11	8	Screw-HH
14	110-5343-03	2	Bracket-Brake
15	3296-42	12	Nut-Lock, NI
16	114-8858	1	HYD Motor ASM
17	107-9319	2	Nut-Hex
18	3234-4	4	Screw-HHF
19	114-8864	2	Drum-Brake
20	110-0950	2	Shield-Wheel, Front
21	110-0951	1	Shield-Wheel, Rear (LH)
22	110-8878	1	Shield-Wheel, Rear (RH)
23	283-62	2	Pin-Clevis
24	110-8872	1	LH Brake ASM
25	110-8871	1	RH Brake ASM
26	323-5	8	Screw-HH
27	3296-39	8	Nut-Lock, NI
28	3272-10	2	Pin-Cotter
29	3256-67	8	Washer
30	3290-378	2	Tie-Cable
31	114-8863	2	Key-Square
32	114-8892-03	2	Plate-Rim



Hydraulic Motor Assembly No. 114-8857

Ref.	*Part Number*	*Qty.*	*Description*
1	110-8896	1	Seal Kit
1:3		1	Seal-Commutator, Vespel ●
1:4		6	Seal-Body, Buna ●
1:16		1	Seal-Shaft ●
1:17		1	Washer-Back Up ●
1:20		1	Seal-Dirt/Water ●
1:25		1	Ring-Back Up ●

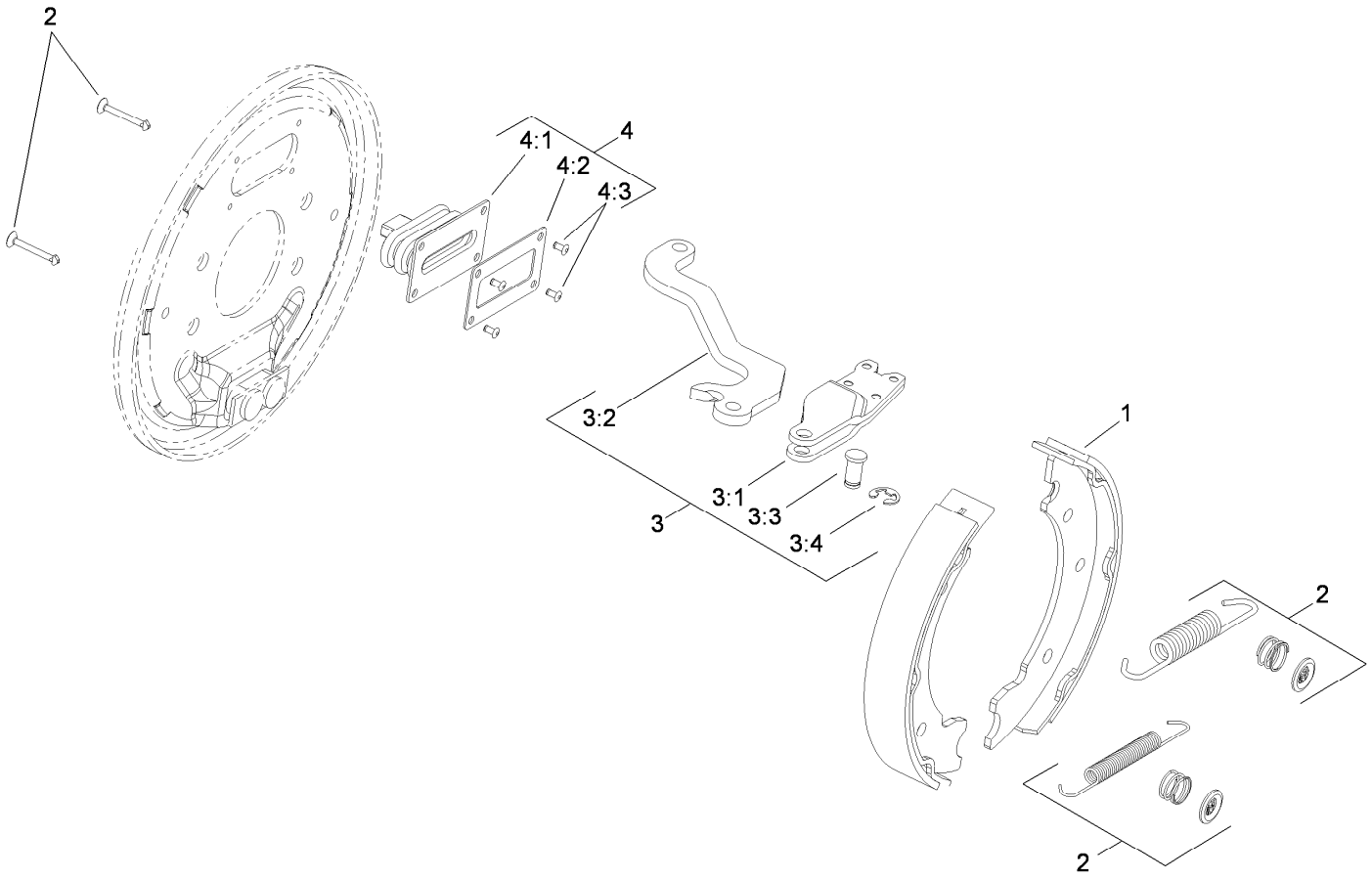
● Not serviced separately



Hydraulic Motor Assembly No. 114-8858

Ref.	*Part Number*	*Qty.*	*Description*
1	110-8896	1	Seal Kit
1:3		1	Seal-Commutator, Vespel ●
1:4		6	Seal-Body, Buna ●
1:16		1	Seal-Shaft ●
1:17		1	Washer-Back Up ●
1:20		1	Seal-Dirt/Water ●
1:25		1	Ring-Back Up ●

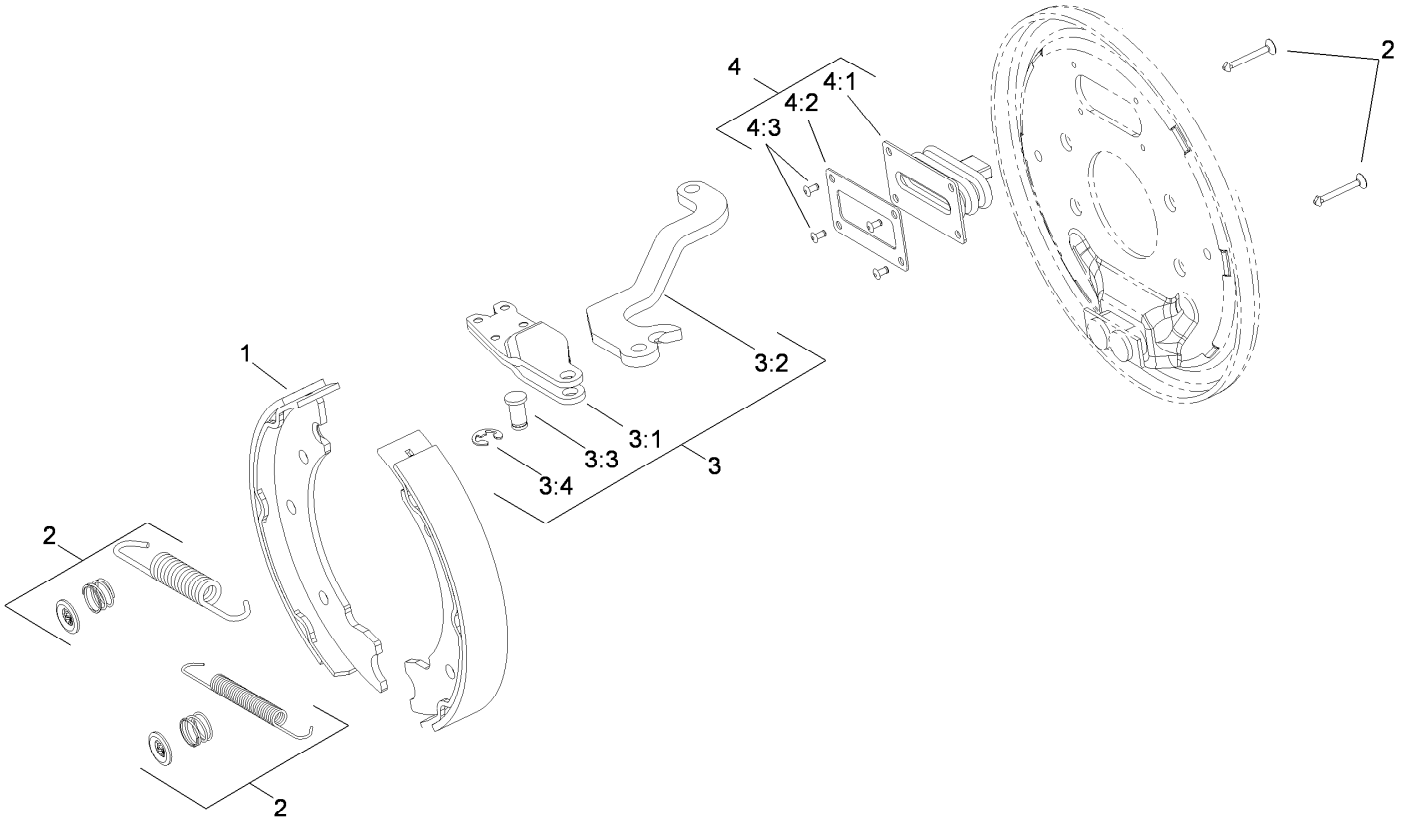
● Not serviced separately



LH Brake Assembly No. 110-8872

Ref.	*Part Number*	*Qty.*	*Description*
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	110-8910	1	LH Actuator Kit
3:1		1	Housing ●
3:2		1	Lever-LH ●
3:3		1	Pin-Pivot ●
3:4		1	E-Ring ●
4	110-8885	1	Dust Boot Kit
4:1		1	Boot ●
4:2		1	Plate-Back Up ●
4:3		2	Rivet ●

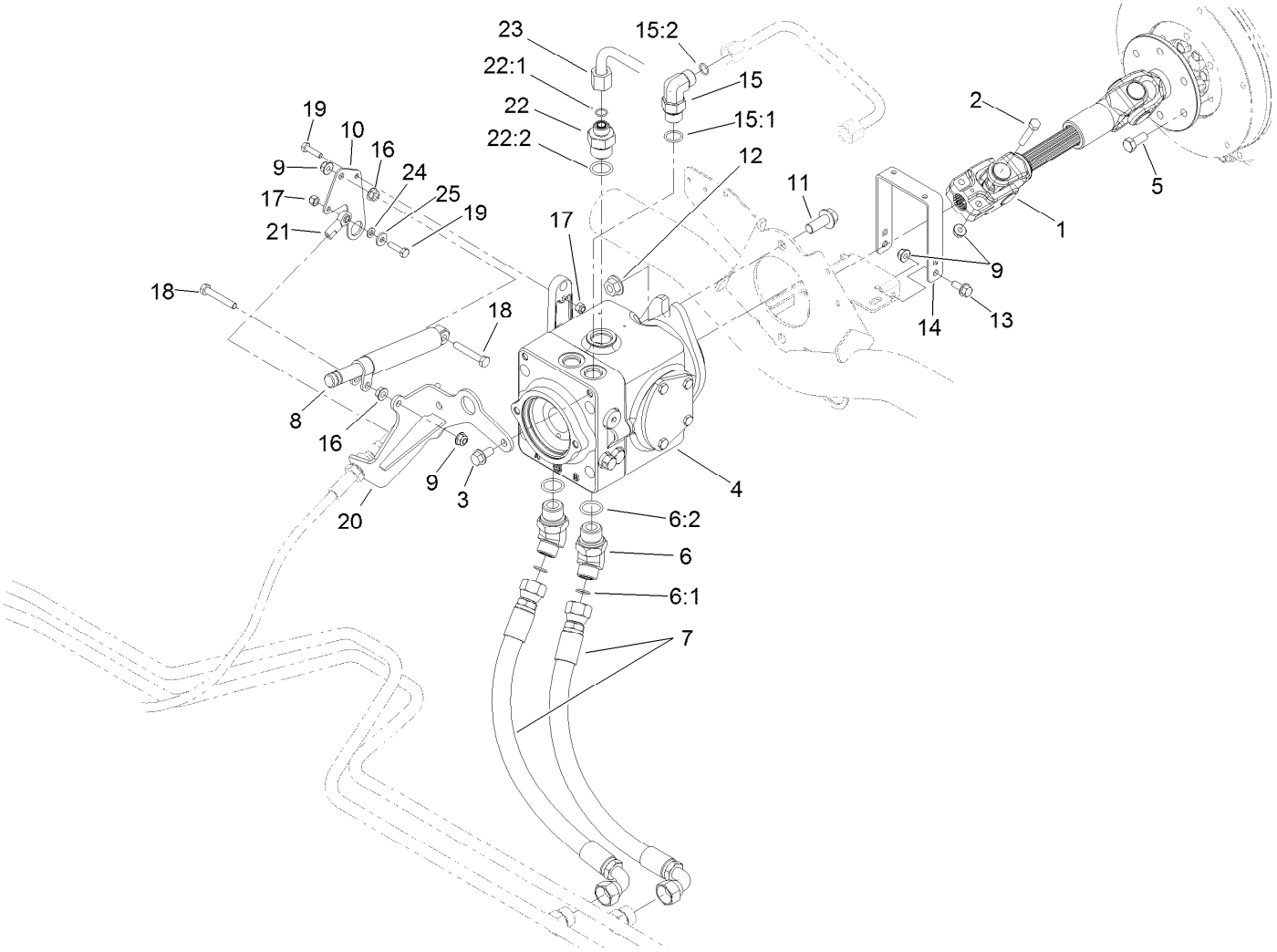
● Not serviced separately



RH Brake Assembly No. 110-8871

Ref.	*Part Number*	*Qty.*	*Description*
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	110-8884	1	RH Actuator Kit
3:1		1	Housing ●
3:2		1	Lever-RH ●
3:3		1	Pin-Pivot ●
3:4		1	E-Ring ●
4	110-8885	1	Dust Boot Kit
4:1		1	Boot ●
4:2		1	Plate-Back Up ●
4:3		2	Rivet ●

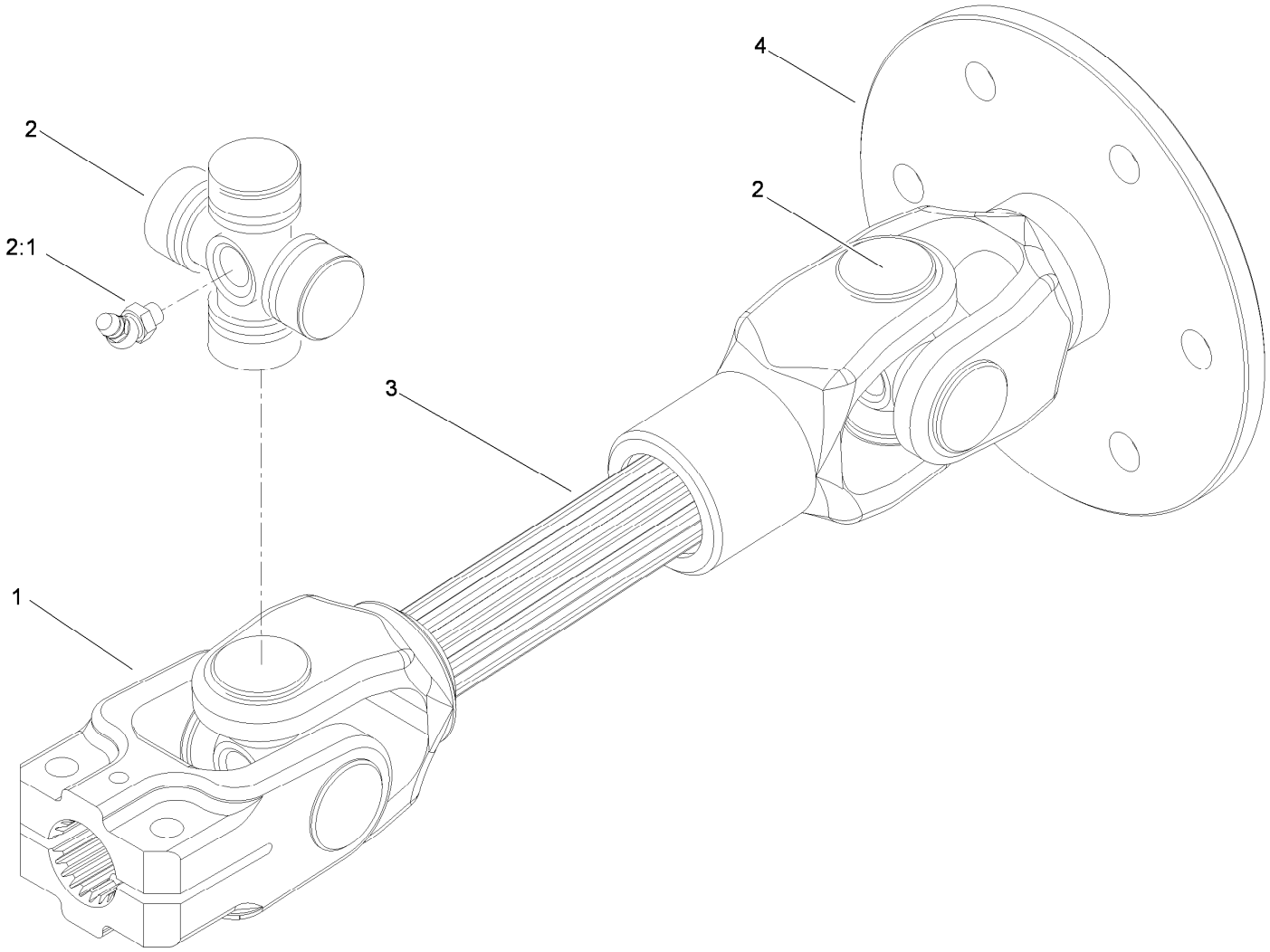
● Not serviced separately



Driveshaft and Variable Pump Hydraulic Fitting Assembly

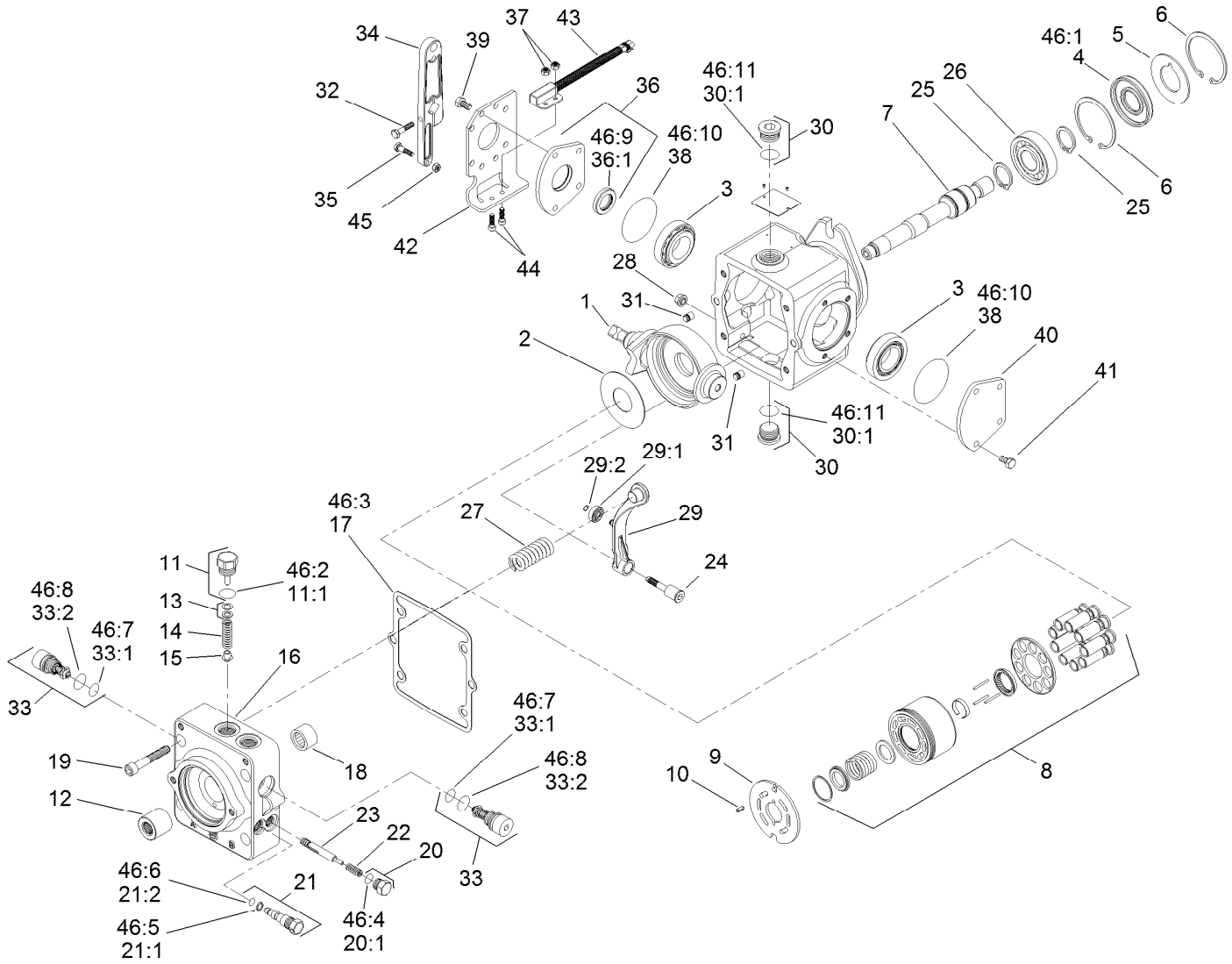
Ref.	*Part Number*	*Qty.*	*Description*
1	108-1641	1	Driveshaft ASM
2	322-9	2	Screw-HH
3	3234-1	2	Screw-HHF
4	107-4470	1	Variable Pump ASM
5	43-0090	6	Screw-HH
6	340-156	2	Fitting-Elbow 45
6:1	237-65	1	O-Ring
6:2	237-81	1	O-Ring
7	108-1679	2	Hose-HYD
8	76-8870	1	Damper-Lever
9	104-8300	6	Nut-HF, NI
10	108-7639-03	1	Plate
11	3234-32	2	Screw-HHF
12	32128-49	2	Nut-HHF
13	3234-5	2	Screw-HHF
14	108-1799-03	1	Hoop-Guard

Ref.	*Part Number*	*Qty.*	*Description*
15	340-105	1	Fitting-Elbow, 90 DEG
15:1	237-80	1	O-Ring
15:2	237-30	1	O-Ring
16	32128-20	2	Nut-HF
17	3296-42	2	Nut-Lock, NI
18	322-10	2	Screw-HH
19	321-6	2	Screw-HH
20	110-5323-03	1	Bracket
21	2411-41	1	Rod End-Ball Joint
22	100-4240	1	Fitting-STR
22:1	237-30	1	O-Ring
22:2	237-81	1	O-Ring
23	110-8915	1	HYD Tube ASM
24	33093-00	1	Washer-Flat
25	3256-22	1	Washer-Flat



Driveshaft Assembly No. 108-1641

Ref.	*Part Number*	*Qty.*	*Description*
1	54-9040	1	Yoke-End
2	54-9180	2	U-Joint Kit
2:1	62-3820	1	Fitting-Grease
3	108-4574	1	Joint And Shaft ASM
4	108-4575	1	Joint And Yoke ASM



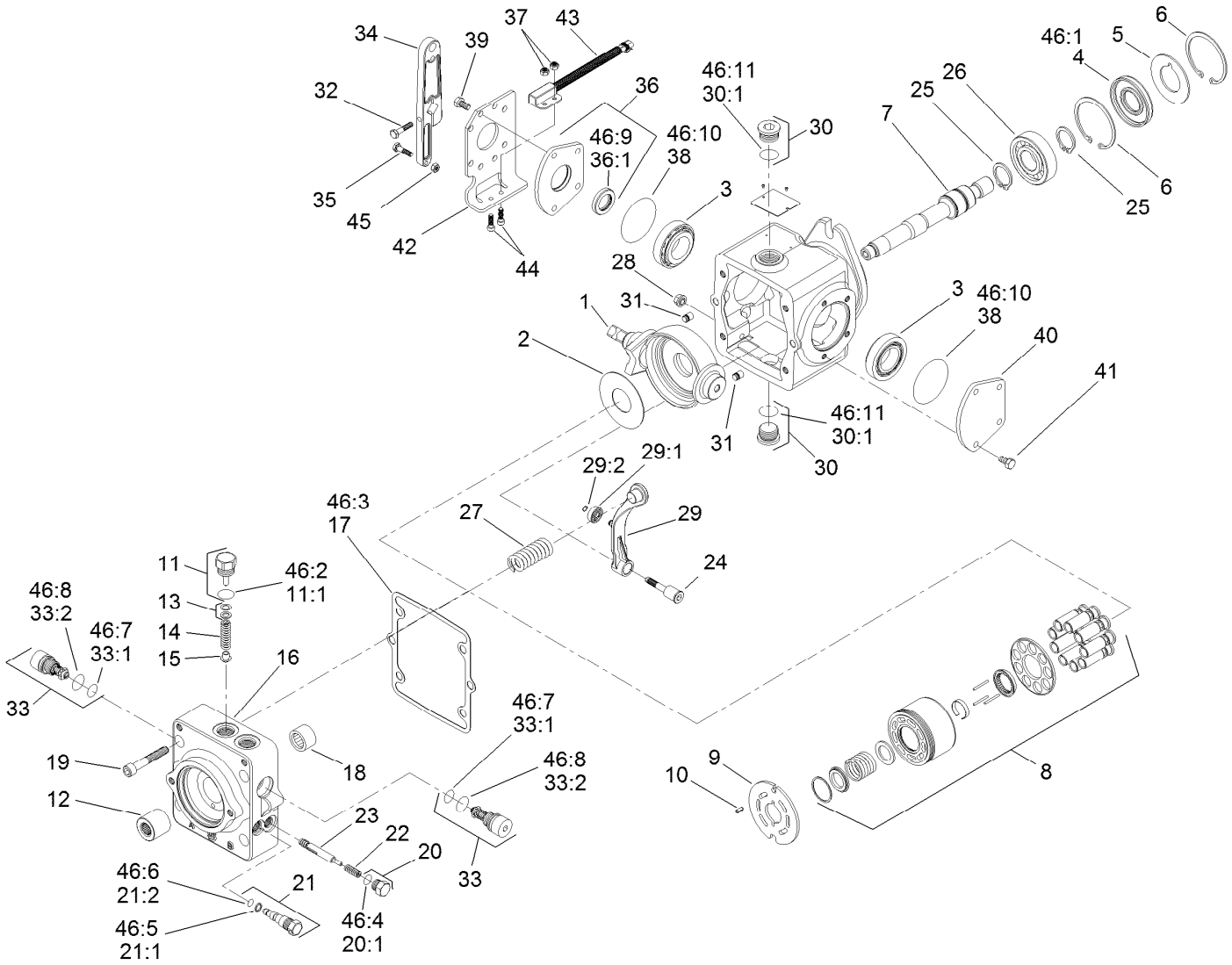
Variable Pump Assembly No. 107-4470

Ref.	Part Number	Qty.	Description
1	110-6482	1	Swashplate
2	75-0400	1	Plate-Thrust
3	110-6483	2	Bearing Kit
4	110-6471	1	Seal-Lip
5	95-4400	1	Washer-Backup
6	69-3200	2	Ring-Retaining
7	110-6484	1	Shaft-Auxiliary
8	110-6472	1	Cylinder Block Kit ASM
9	110-6473	1	Plate-Valve (Clockwise)
10	110-6485	1	Pin-Slotted
11	110-6486	1	Plug-Relief, Charge
11:1	28-3570	1	O-Ring
12	110-6480	1	Coupling
13	92-1353	1	Shim Kit
14	110-6474	1	Spring
15	110-6475	1	Poppet
16	110-6487	1	Cap-End
17	110-6476	1	Gasket-Cap, End

Ref.	Part Number	Qty.	Description
18	75-0500	1	Bearing-Needle
19	110-6489	4	Screw
20	94-9415	2	Plug ASM
20:1		1	O-Ring ■
21	107-4364	1	Bypass Valve ASM
21:1	25-2630	1	Ring-Back Up
21:2	110-6498	1	O-Ring
22	110-6491	2	Spring
23	110-6492	1	Spool-Loop, Flush
24	110-6493	1	Pivot-Return, Neutral
25	69-3170	2	Ring-Retaining
26	75-0460	1	Bearing-Ball
27	110-6495	1	Spring-Return, Neutral
28	110-6496	1	Nut-Seal
29	110-6497	1	Neutral Return Arm ASM
29:1	110-6494	1	Bearing-Cam
29:2	110-3056	1	Ring-Retaining
30	69-3130	2	Plug

● Not illustrated

■ Not serviced separately



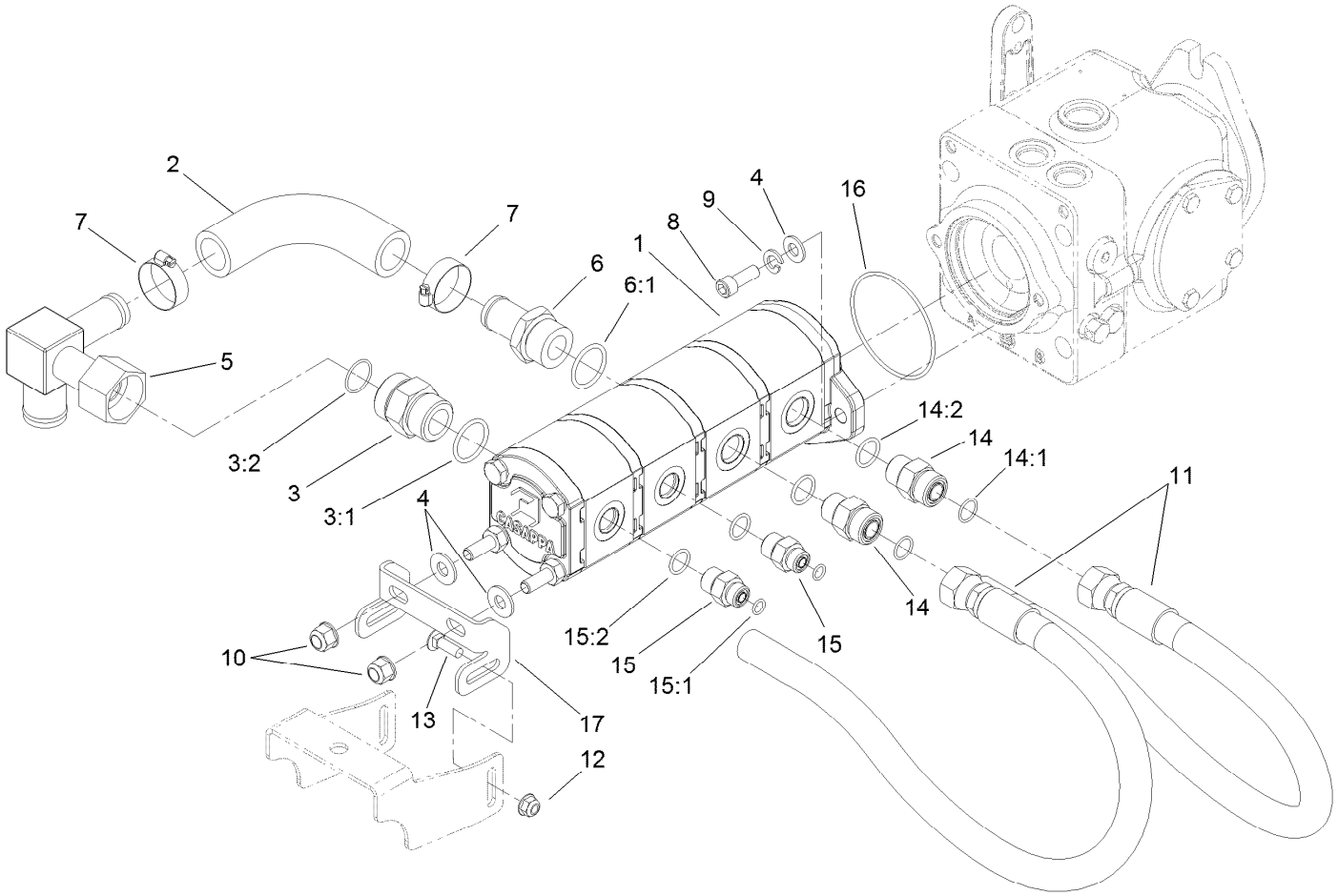
Variable Pump Assembly No. 107-4470 (continued)

Ref.	Part Number	Qty.	Description
30:1		1	O-Ring ■
31	112-0158	2	Pin
32	112-0157	1	Screw
33	110-6477	2	Valve-Relief
33:1	75-0240	1	O-Ring
33:2	84-0560	1	O-Ring
34	112-0156	1	Arm-Control
35	112-0155	1	Screw
36	110-6499	1	Trunnion Cover ASM
36:1	110-6478	1	Seal-Lip
37	94-3936	2	Nut-Lock, Hex
38	84-0430	2	O-Ring
39	112-0150	4	Screw
40	84-0440	1	Cover-Trunnion
41	112-0151	4	Screw
42	112-0152	1	Bracket-Switch, Neutral Start

Ref.	Part Number	Qty.	Description
43	100-1270	1	Switch-Proximity
44	112-0153	2	Screw
45	112-0154	1	Nut-Lock
46	110-6481	1	Seal Kit ●
46:1	110-6471	1	Seal-Lip
46:2	28-3570	1	O-Ring
46:3	110-6476	1	Gasket-Cap, End
46:4		1	O-Ring ■
46:5	25-2630	1	Ring-Back Up
46:6	110-6498	1	O-Ring
46:7	75-0240	2	O-Ring
46:8	84-0560	2	O-Ring
46:9	110-6478	1	Seal-Lip
46:10	84-0430	2	O-Ring
46:11		2	O-Ring ■

● Not illustrated

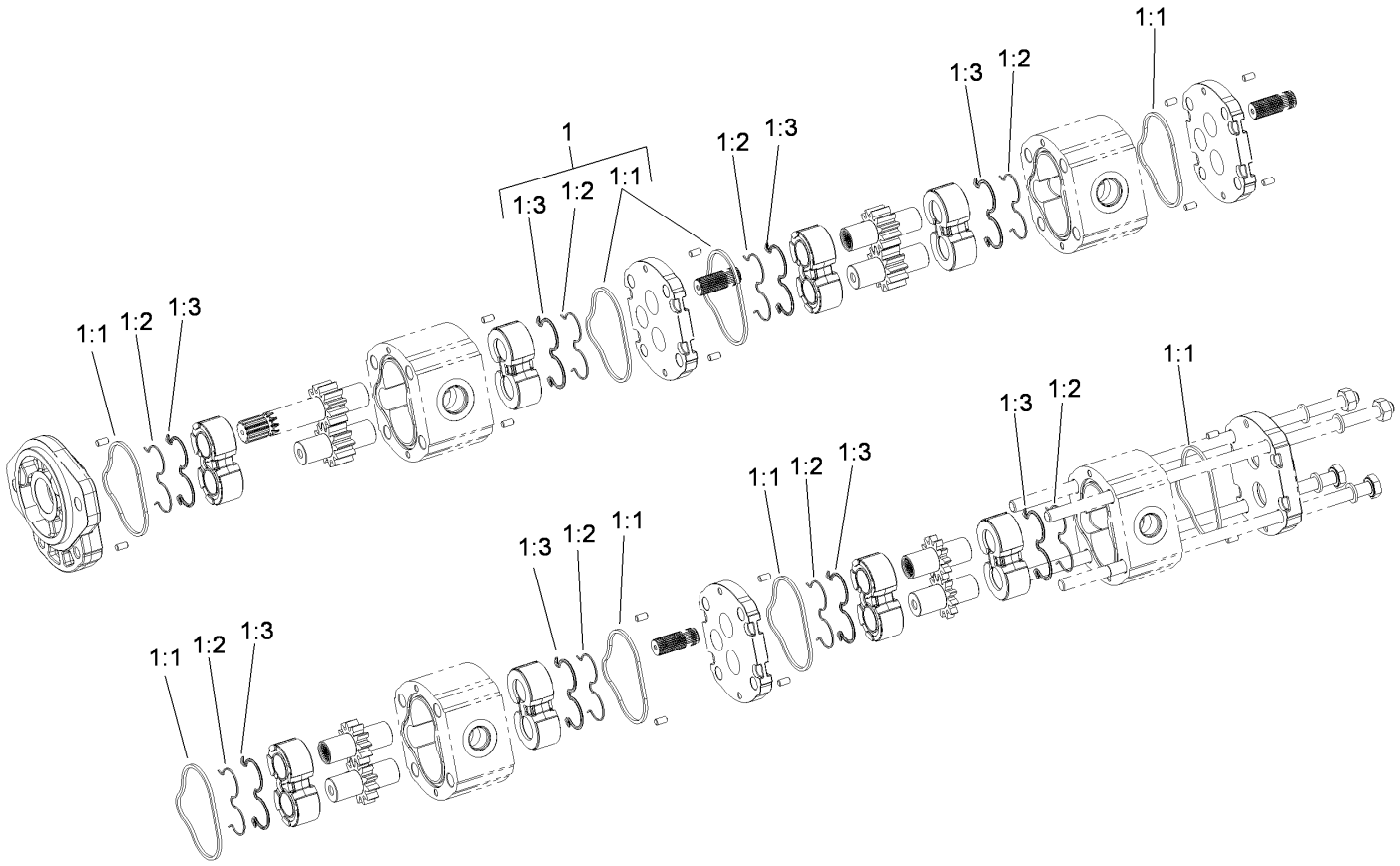
■ Not serviced separately



Gear Pump Hydraulic Plumbing Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	107-4547	1	Gear Pump ASM
2	108-1683	1	Hose-Formed
3	104-3797	1	Fitting-Straight
3:1	237-146	1	O-Ring
3:2	340-65	1	O-Ring
4	3256-24	4	Washer-Flat
5	108-1672	1	Manifold-Tube
6	354-78	1	Fitting-STR
6:1	237-146	1	O-Ring
7	2412-34	2	Clamp-Hose
8	3274-1	2	Screw-HSH
9	3253-5	2	Washer-Lock

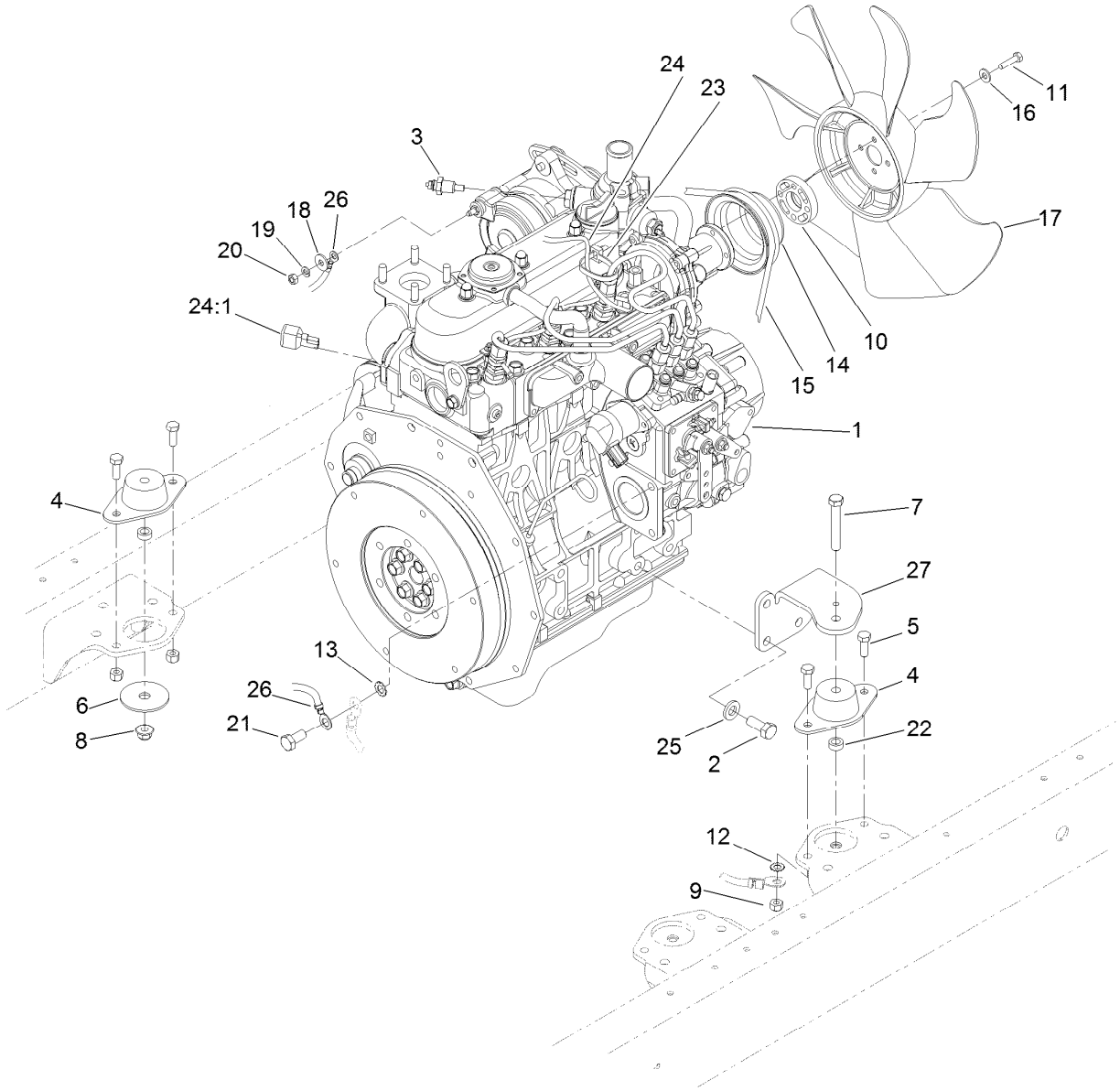
Ref.	*Part Number*	*Qty.*	*Description*
10	103-9511	2	Nut-Lock, NI
11	108-1686	2	Hose-HYD
12	104-8300	2	Nut-HF, NI
13	3230-1	2	Bolt-CARR
14	340-7	2	Fitting-Straight
14:1	237-65	1	O-Ring
14:2	237-80	1	O-Ring
15	340-3	2	Fitting-Straight
15:1	237-22	1	O-Ring
15:2	237-79	1	O-Ring
16	237-161	1	O-Ring
17	108-1801-01	1	Bracket-Support, Pump



Gear Pump Assembly No. 107-4547

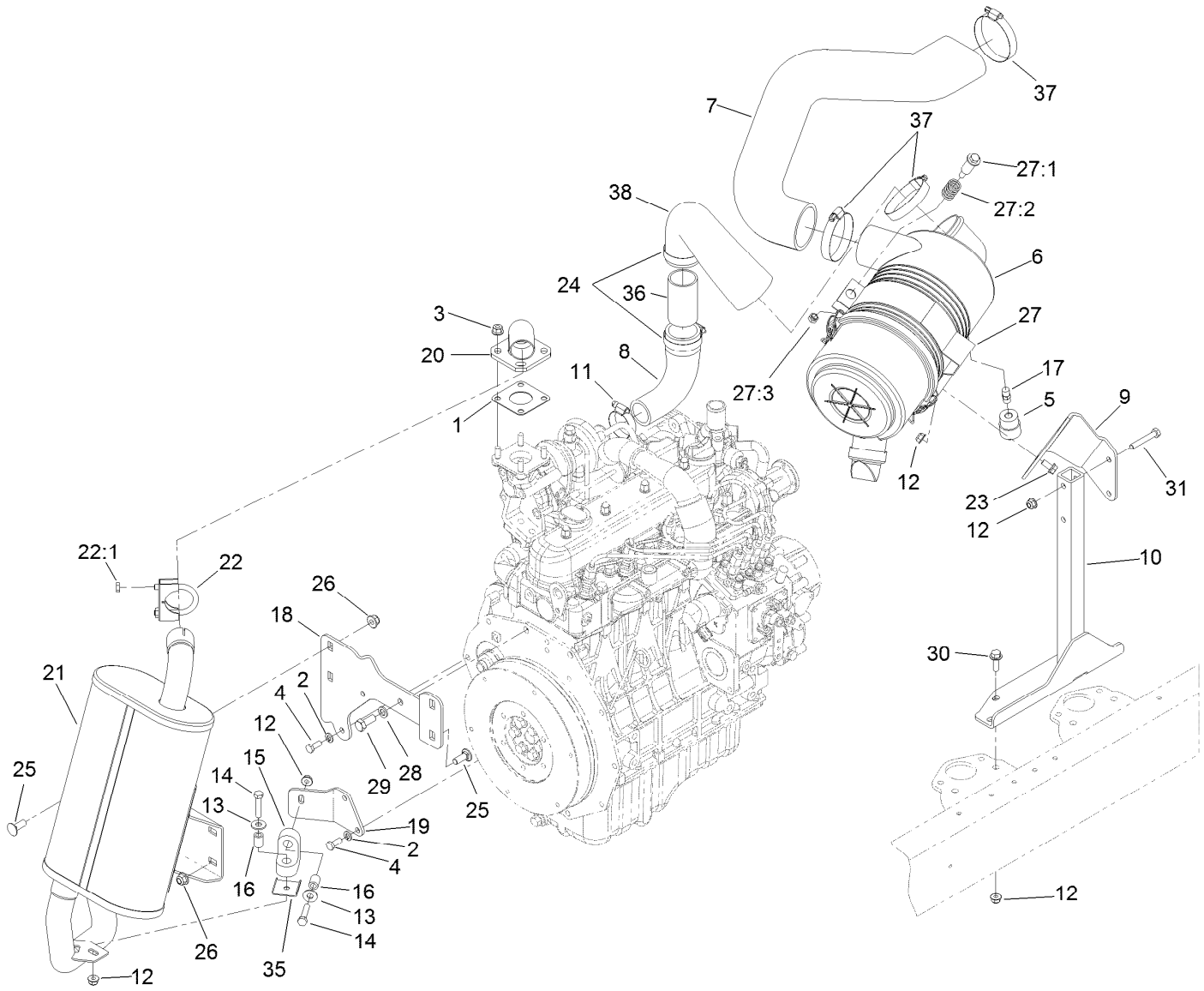
Ref.	*Part Number*	*Qty.*	*Description*
1	108-4595	1	Seal Kit
1:1		8	Seal ●
1:2		8	Seal ●
1:3		8	Ring-Back Up ●

● Not serviced separately



Engine Mounting and Electrical Assembly

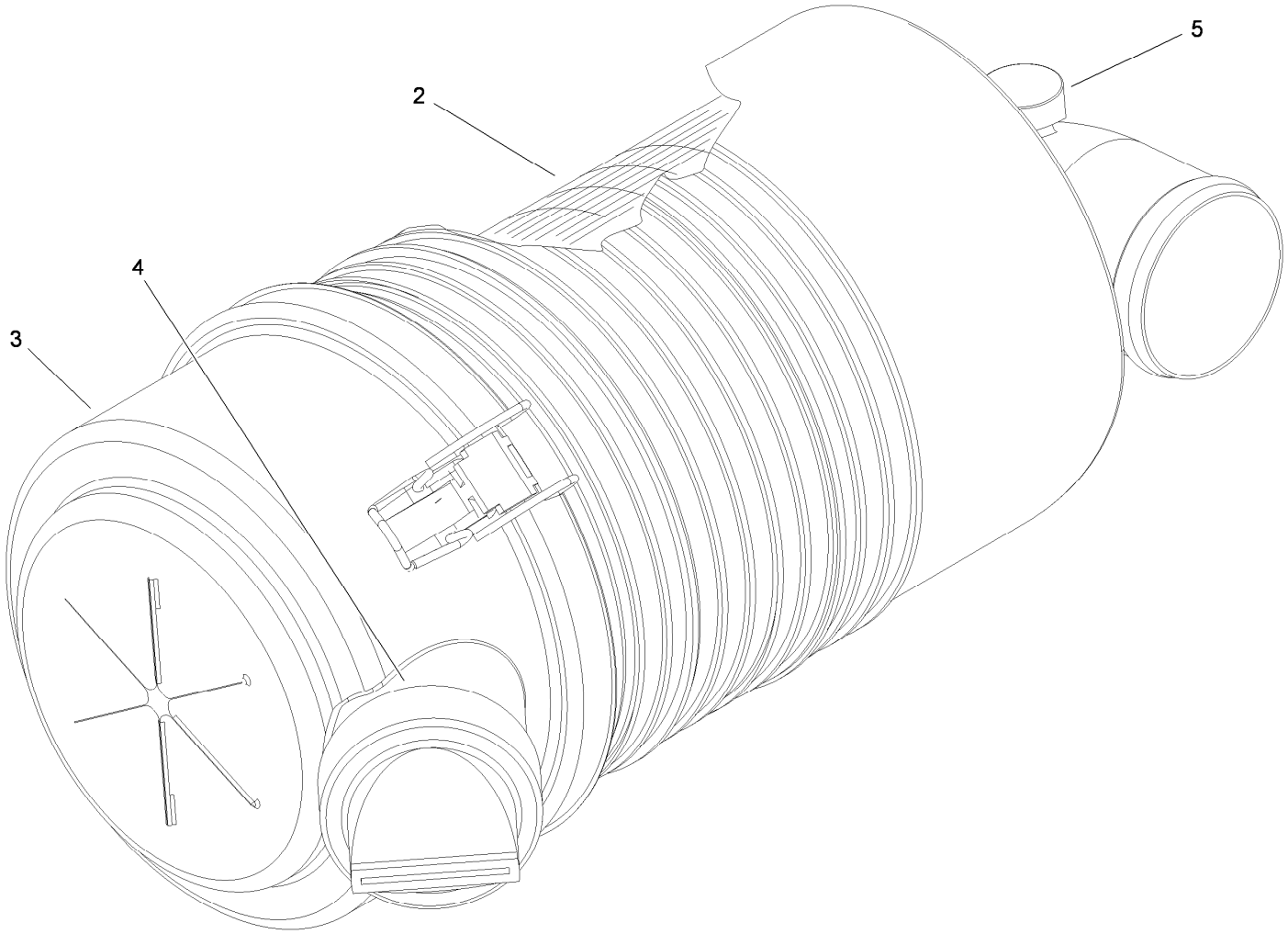
Ref.	Part Number	Qty.	Description
1	108-7555	1	Engine ASM
2	43-0090	12	Screw-HH
3	98-9346	1	Sender-Temperature
4	83-1030	4	Mount-Engine
5	322-4	8	Screw-HH
6	87-5100	4	Washer-Snubbing
7	323-12	4	Screw-HH
8	104-8301	4	Nut-HF, NI
9	3296-29	8	Nut-Lock, NI
10	105-0000	1	Spacer-Fan
11	33113-030	4	Screw-HH
12	3255-8	1	Washer-Lock
13	3255-9	1	Washer-Lock
14	110-0972	1	Pulley
15	98-9676	1	V-Belt
16	3256-22	4	Washer-Flat
17	110-8852	1	Fan-Cooling
18	3256-78	1	Washer-Flat
19	43-5930	1	Washer-Lock, Spring
20	48-7890	1	Nut-Hex
21	63-7790	1	Screw-Cap
22	83-1050	4	Spacer
23	3290-378	1	Tie-Cable
24	106-3615	1	Harness-Wire, Engine
24:1	100-4918	1	Diode
25	48-9590	12	Washer-Lock
26	99-3441	1	Harness-Wire, Fusible Link
27	107-4496-03	4	Bracket-Engine



Engine Intake and Exhaust Assembly

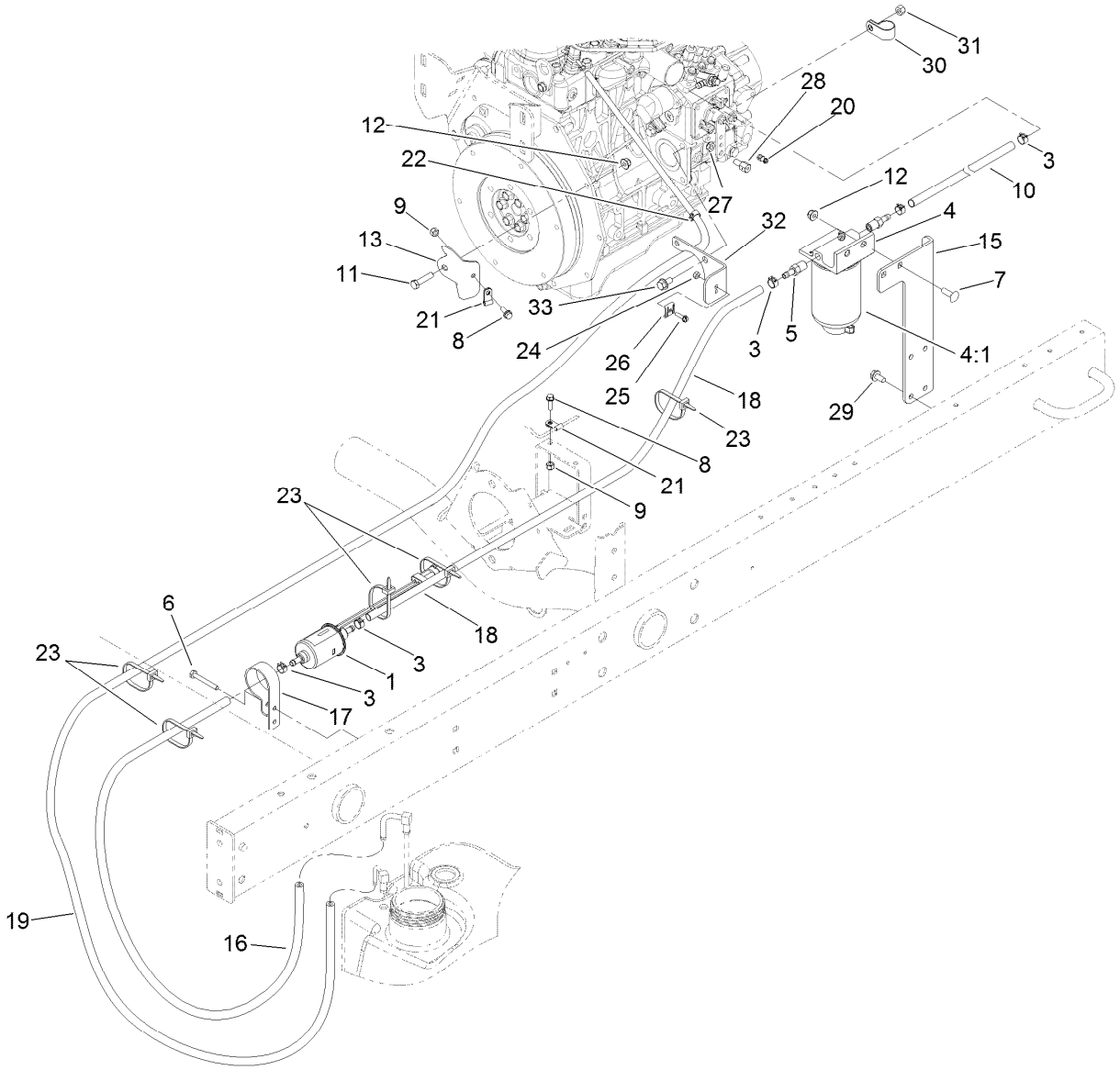
Ref.	Part Number	Qty.	Description
1	99-8343	1	Gasket-Muffler
2	3253-4	4	Washer-Lock
3	104-2612	4	Nut-HF
4	33114-020	4	Screw-HH
5	93-9164	1	Indicator-Mini
6	110-8917	1	Air Cleaner ASM
7	110-8944	1	Hose-Formed
8	104-5207	1	Hose-Turbo
9	110-8981-03	1	Bracket-Mounting
10	110-8977-03	1	Stand-Air Cleaner
11	2412-3	1	Clamp-Hose
12	104-8300	10	Nut-HF, NI
13	3256-3	2	Washer-Flat
14	322-9	2	Screw-HH
15	95-5622	1	Hanger-Rubber
16	93-5023	2	Spacer
17	94-1416	1	Adapter-Indicator
18	108-1785-03	1	Bracket-Support, Muffler
19	110-8974-03	1	Bracket-Pipe, Tail
20	108-1783	1	Header ASM

Ref.	Part Number	Qty.	Description
21	108-7643	1	Muffler
22	2112-9	1	Clamp
22:1	32128-20	2	Nut-HF
23	3234-14	2	Screw-HHF
24	2412-130	2	Clamp-Hose
25	3231-27	4	Screw-CARR
26	104-8301	4	Nut-HF, NI
27	93-7486	1	Clamp ASM
27:1	94-3653	1	Bolt
27:2	94-3654	1	Spring
27:3	48-9510	1	Nut
28	48-9590	1	Washer-Lock
29	43-0090	1	Screw-HH
30	3234-29	4	Screw-HHF
31	322-10	2	Screw-HH
35	110-8976	1	Plate-Support, Isolator
36	104-5214	1	Spacer-Tubular
37	2412-125	3	Clamp-Hose
38	110-8958	1	Hose-Formed



Air Cleaner Assembly No. 110-8917

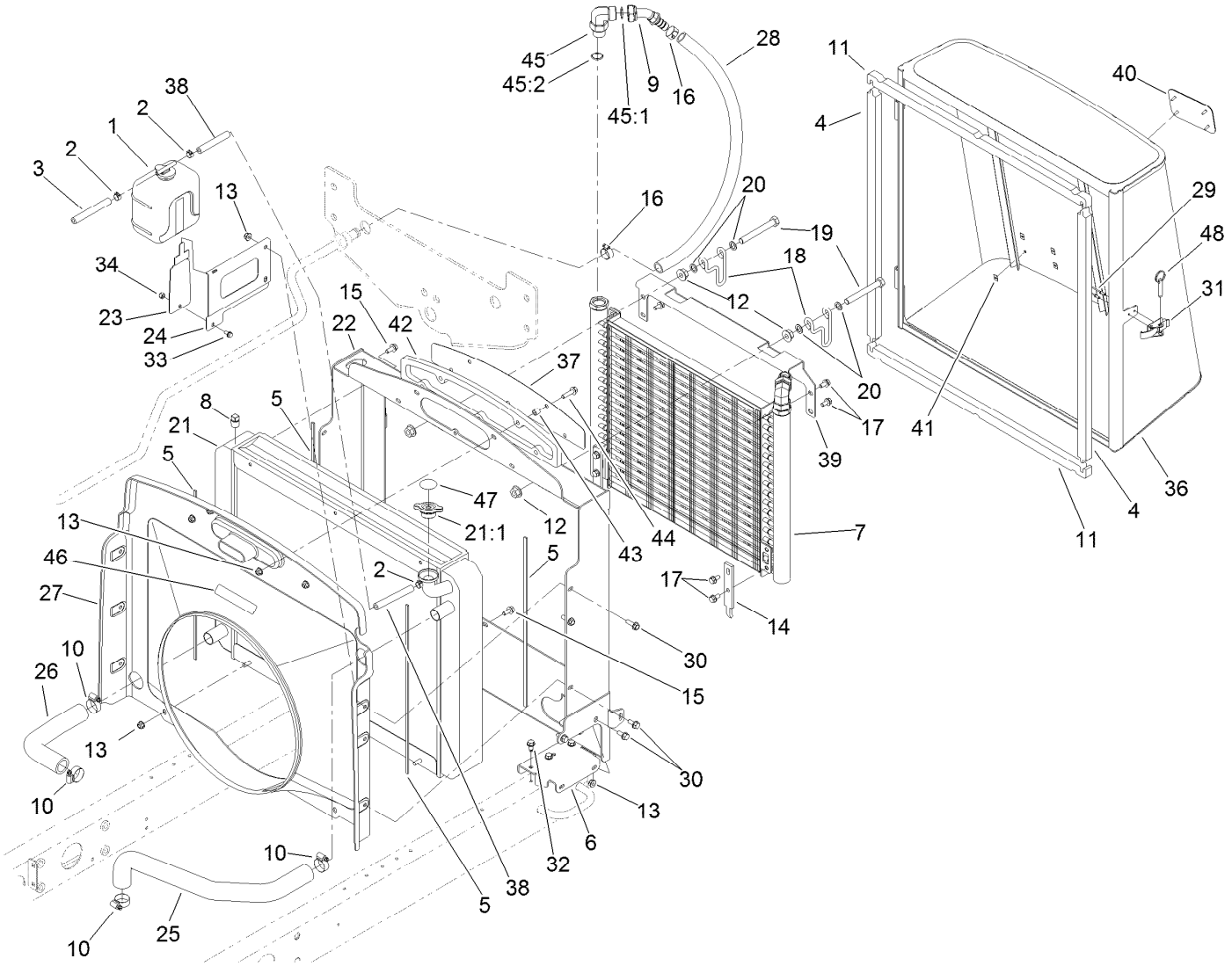
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3812	1	Filter-Air
3	93-5986	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Fuel System Delivery Assembly

Ref.	Part Number	Qty.	Description
1	110-8806	1	Pump-Fuel
3	92-2379	5	Clamp-Hose
4	110-9044	1	Separator-Filter
4:1	110-9049	1	Filter-Spin On, Fuel/Water
5	353-783	2	Fitting-STR
6	37-7260	1	Screw-HHFTF
7	3230-22	2	Screw-CARR
8	3234-4	2	Screw-HHF
9	3296-42	2	Nut-Lock, NI
10	110-4104	1	Hose-Fuel
11	322-17	1	Screw-HH
12	104-8300	3	Nut-HF, NI
13	110-9007-03	1	Support-Cable, Throttle
15	110-8968-01	1	Mount-Separator, Water
16	110-4114	1	Hose-Fuel
17	110-8817	1	Bracket-Pump, Fuel

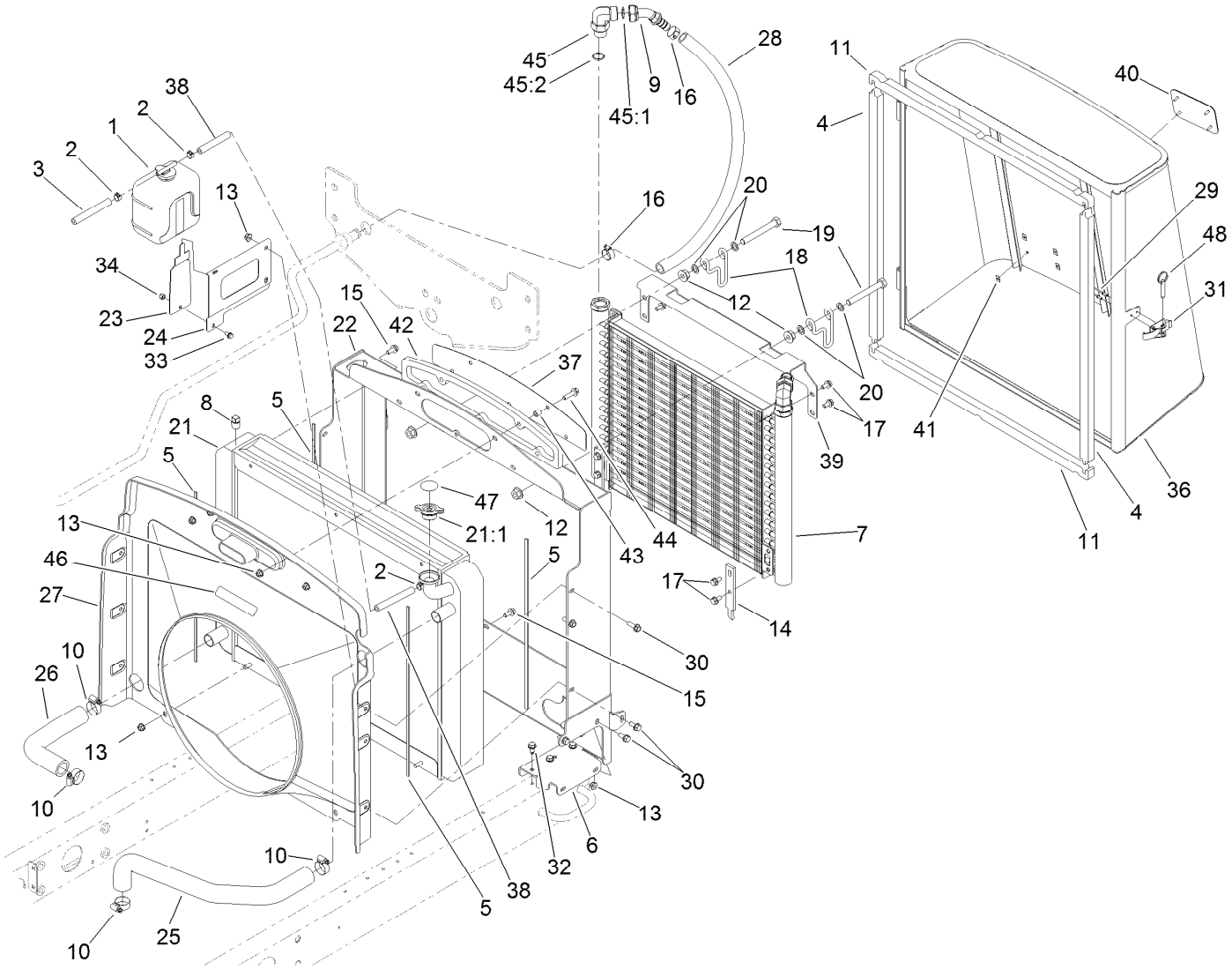
Ref.	Part Number	Qty.	Description
18	114-9559	1	Hose-Fuel
19	110-9011	1	Hose-Fuel
20	112-9919	1	Stop-Cable, Throttle
21	2412-149	2	Clamp-R
22	2412-146	1	Clamp-Hose
23	3290-378	5	Tie-Cable
24	3296-2	1	Nut-Lock, NI
25	32105-13	1	Screw-HWH
26	81-1690	1	Clamp-Cable
27	3296-20	1	Nut-Lock, NI
28	98-9311	1	Swivel-Throttle
29	32144-14	4	Screw-HWHTF
30	2412-41	1	Clamp-R
31	3296-29	1	Nut-Lock, NI
32	110-9009-03	1	Bracket-Cable, Throttle
33	33104-016	2	Screw-HHF



Radiator and Hydraulic Cooler Assembly

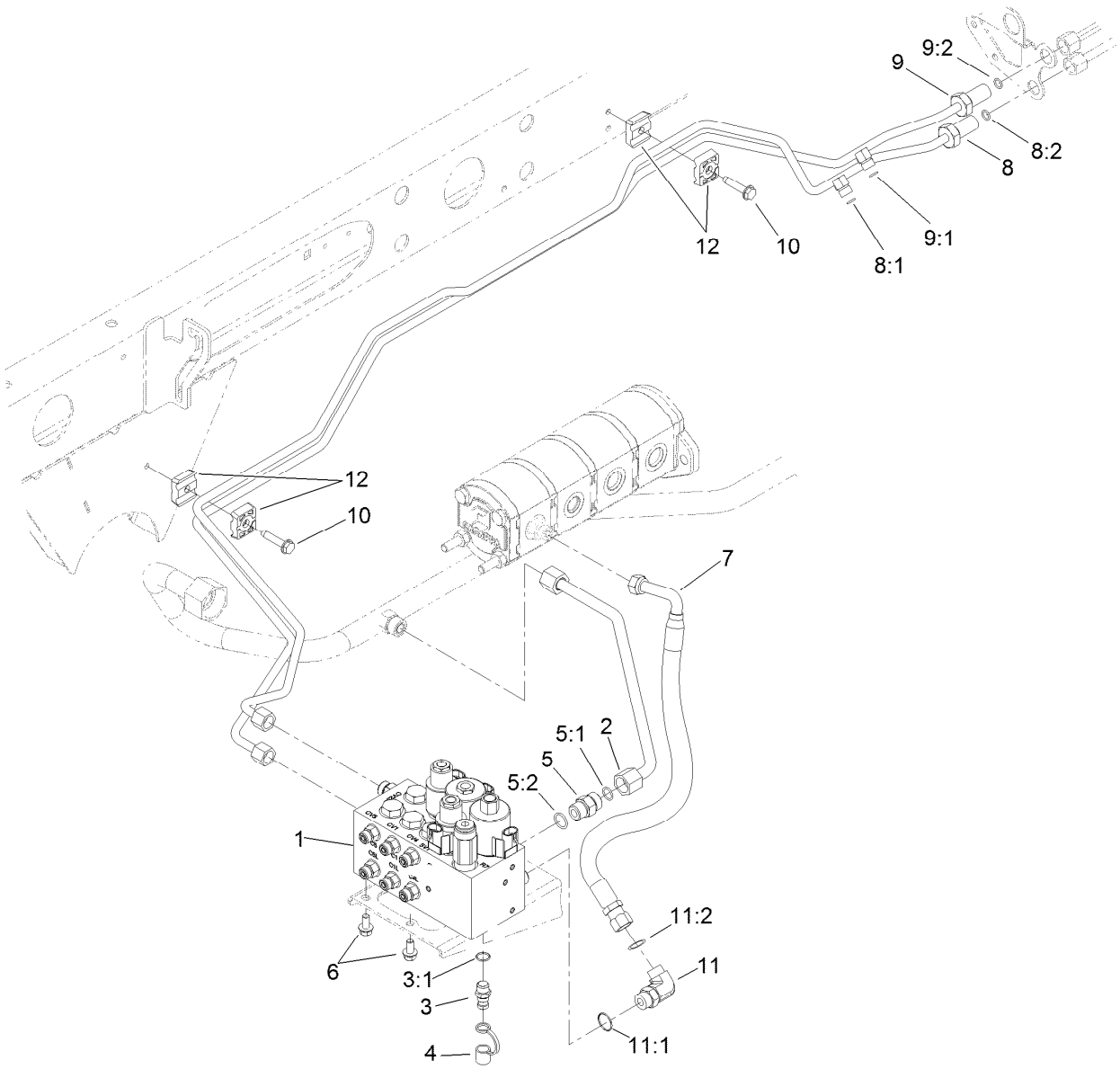
Ref.	Part Number	Qty.	Description
1	104-9318	1	Bottle-Overflow
2	92-2379	3	Clamp-Hose
3	110-3257	1	Hose-Fuel
4	110-5275	2	Seal-Foam
5	110-8953	4	Seal-Foam
6	110-5310-01	2	Bracket-Mounting
7	110-0485	1	Cooler-Oil
8	281-13	1	Plug-Pipe
9	104-7851	2	Fitting-HYD, 45 DEG
10	2412-34	4	Clamp-Hose
11	110-5276	2	Seal-Foam
12	32128-49	4	Nut-HHF
13	104-8300	9	Nut-HF, NI
14	104-5460-03	2	Plate-Mount, Oil Cooler
15	3234-30	6	Screw-HHF
16	2412-129	4	Clamp-Hose
17	3234-14	8	Screw-HHF
18	104-5429	2	Clamp-Form, Wire
19	325-17	2	Screw-HH
20	41-8440	4	Washer
21	110-0003	1	Radiator ASM

Ref.	Part Number	Qty.	Description
21:1	93-5957	1	Cap-Radiator
22	110-5251-03	1	Frame-Radiator
23	108-1665-03	1	Bracket-Reservior
24	108-1666-03	1	Bracket-Reservoir
25	110-8942	1	Hose-Formed
26	110-8943	1	Hose-Formed
27	110-5311	1	Shroud-Fan
28	110-8955	2	Hose
29	3269-15	2	Rivet-Pop
30	3234-5	4	Screw-HHF
31	115-1554	1	Latch-Draw
32	32104-32	6	Screw-HWH
33	3234-13	1	Screw-HHF
34	3296-42	1	Nut-Lock, NI
36	110-5269-03	1	Screen
37	108-1843-03	1	Screen-Intake, Air
38	110-4104	1	Hose-Fuel
39	104-5428	1	Bracket-Oil Cooler, Top
40	93-6028	1	Plate-Logo
41	94-2638	4	Nut-Flat
42	110-5324	1	Seal-Foam



Radiator and Hydraulic Cooler Assembly (continued)

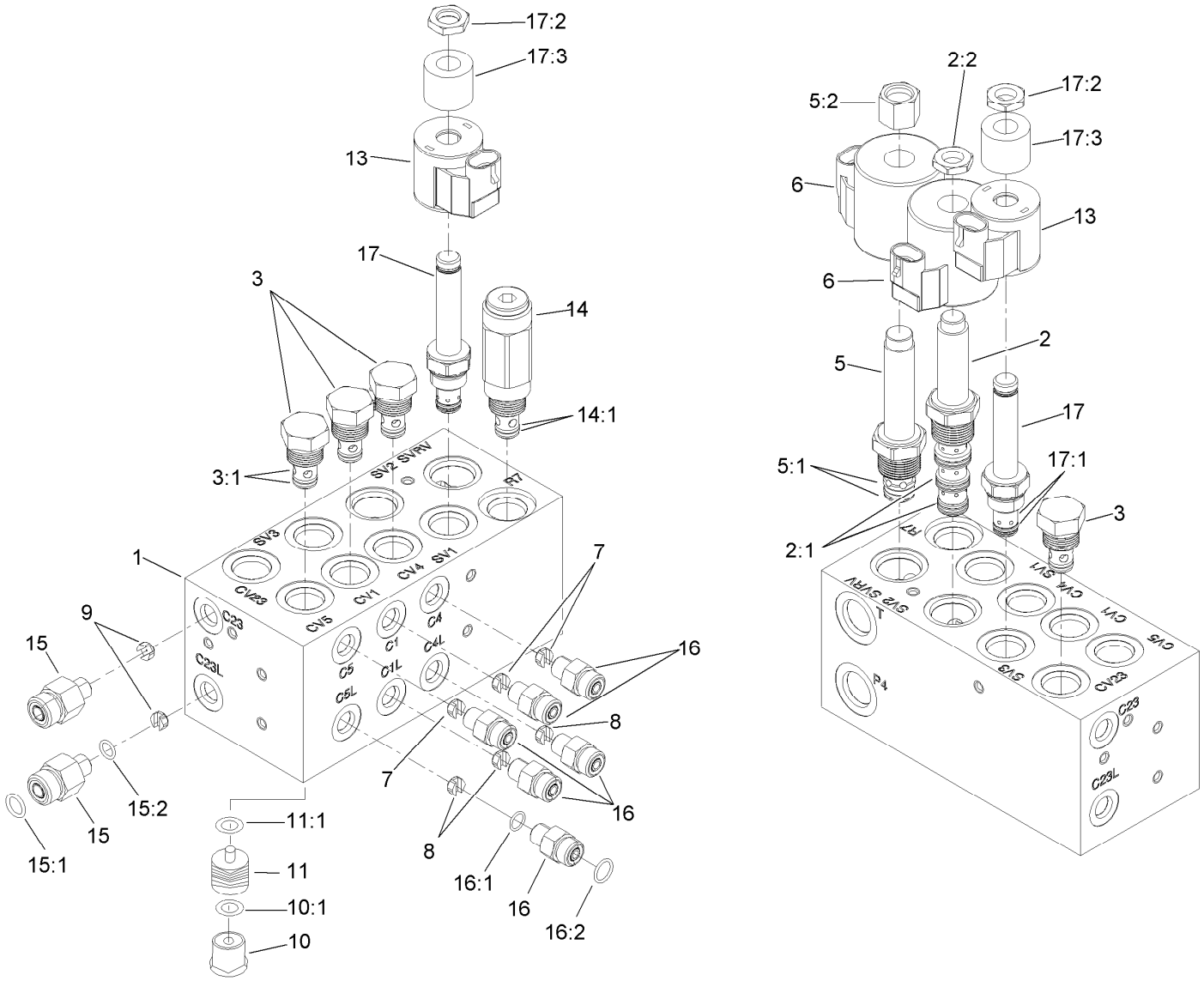
Ref.	Part Number	Qty.	Description
43	1-603903	5	Spacer
44	3234-36	5	Screw-HHF
45	340-142	2	Fitting-Elbow, 90 DEG
45:1	237-58	1	O-Ring
45:2	237-81	1	O-Ring
46	93-7272	1	Decal-Warning
47	106-6755	1	Decal-Cap, Radiator
48	115-1556	1	Pin-Ball, Detent



Hydraulic Lift Block and Plumbing Assembly

Ref.	Part Number	Qty.	Description
1	105-7577	1	HYD Lift Block Manifold ASM
2	108-1698	1	Tube ASM
3	59-7410	1	Fitting-Diagnostic
3:1	237-42	1	O-Ring
4	354-79	1	Cap-Dust
5	340-4	1	Fitting-Straight
5:1	237-30	1	O-Ring
5:2	237-79	1	O-Ring
6	3234-14	2	Screw-HHF
7	107-1135	1	Hose ASM

Ref.	Part Number	Qty.	Description
8	108-1720	1	Tube ASM
8:1	237-21	1	O-Ring
8:2	237-22	1	O-Ring
9	108-1721	1	Tube ASM
9:1	237-21	1	O-Ring
9:2	237-22	1	O-Ring
10	32144-57	2	Screw
11	340-18	1	Fitting-HYD, 90 DEG
11:1	237-79	1	O-Ring
11:2	237-22	1	O-Ring
12	56-7973	4	Clamp-Tube

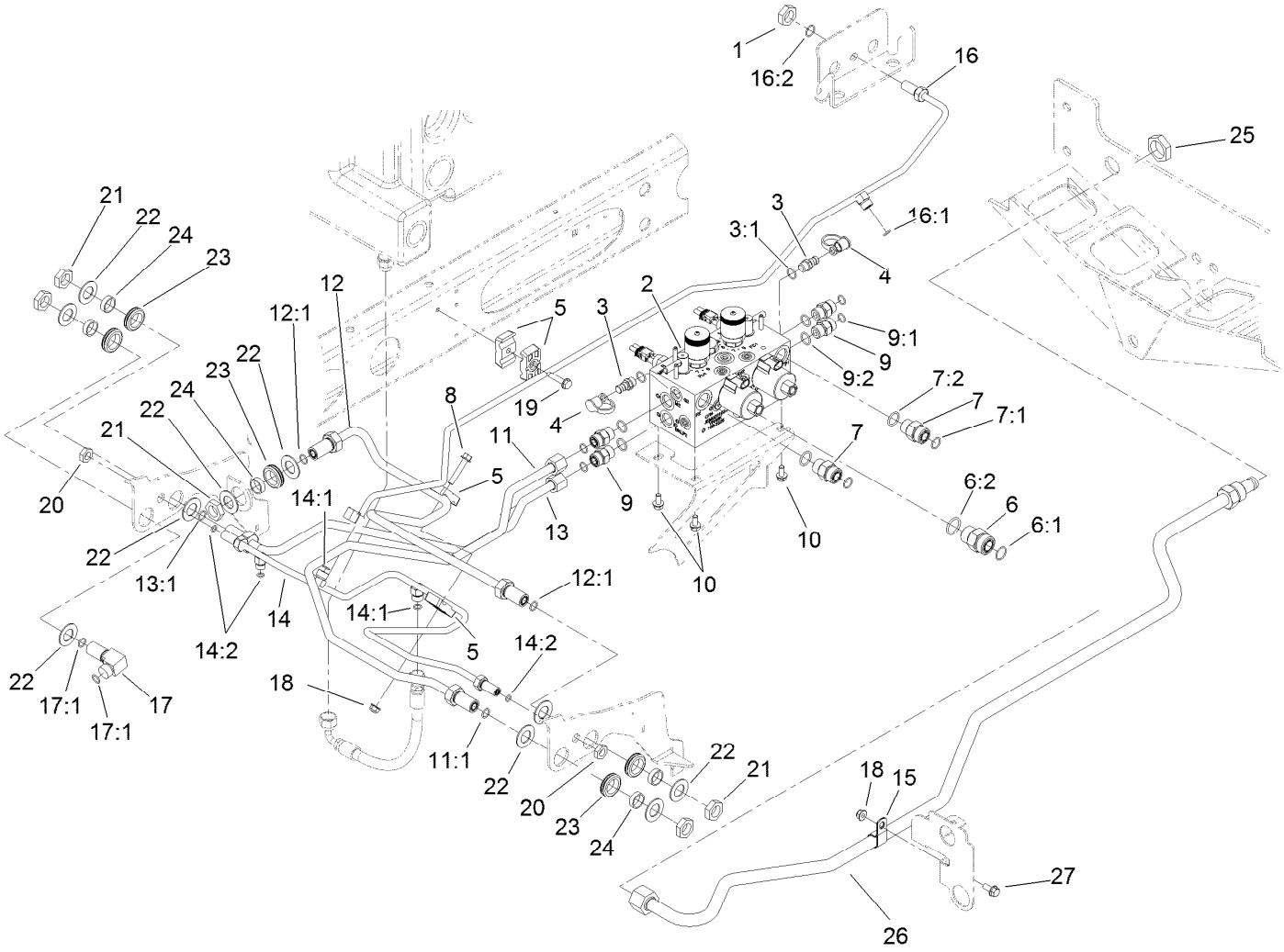


Hydraulic Manifold Block Assembly No. 105-7577

Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
2	110-8906	1	Valve-Solenoid
2:1	110-8908	1	Spool Valve Seal Kit
2:2	110-2634	1	Nut-Coil
3	110-9006	4	Valve-Check
3:1	105-9156	1	Seal Kit
5	110-8905	1	Valve-Relief, Solenoid
5:1	110-6316	1	Seal Kit
5:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
6	110-6344	2	Coil-12V, DC
7	110-8904	3	Orifice-Control, Flow (0.028)
8	110-8903	3	Orifice-Control, Flow (0.055)
9	110-8902	2	Orifice-Control, Flow (0.046)
10	354-70	4	Plug-Hex, Hollow
10:1	237-80	1	O-Ring

Ref.	Part Number	Qty.	Description
11	110-8901	4	Piston-Pilot
11:1	110-8900	1	O-Ring
13	107-7521	2	Coil-E, 12V
14	110-8899	1	Valve-Relief
14:1	105-9156	1	Seal Kit
15	340-88	2	Fitting-Straight
15:1	237-22	1	O-Ring
15:2	237-78	1	O-Ring
16	340-92	6	Fitting-Straight
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring
17	110-8898	2	Valve-Solenoid
17:1	107-7527	1	Seal Kit
17:2	110-2634	1	Nut-Coil
17:3	110-8909	1	Spacer-Coil

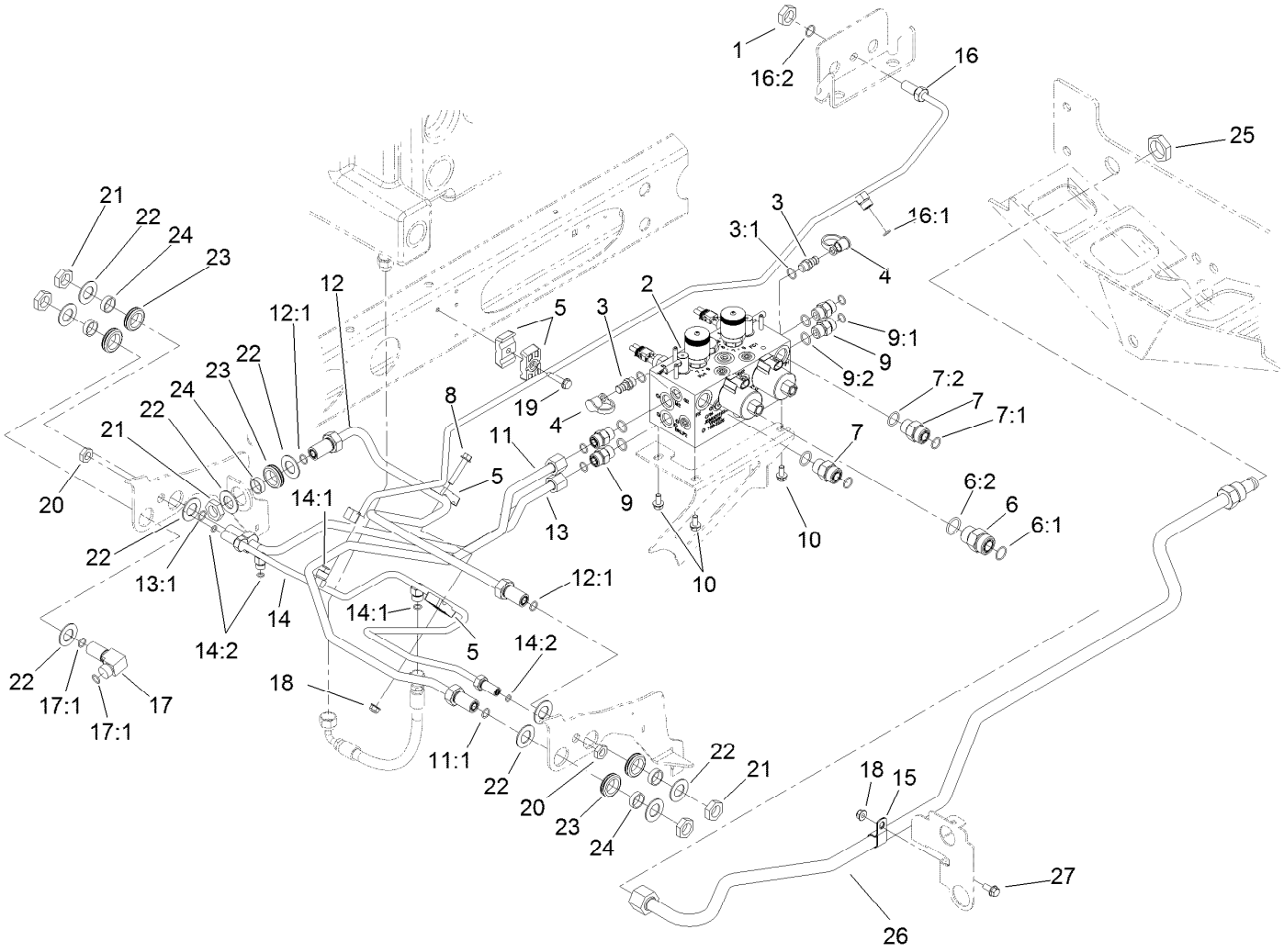
● Not serviced separately



Reel Control Block Hydraulic Plumbing Assembly

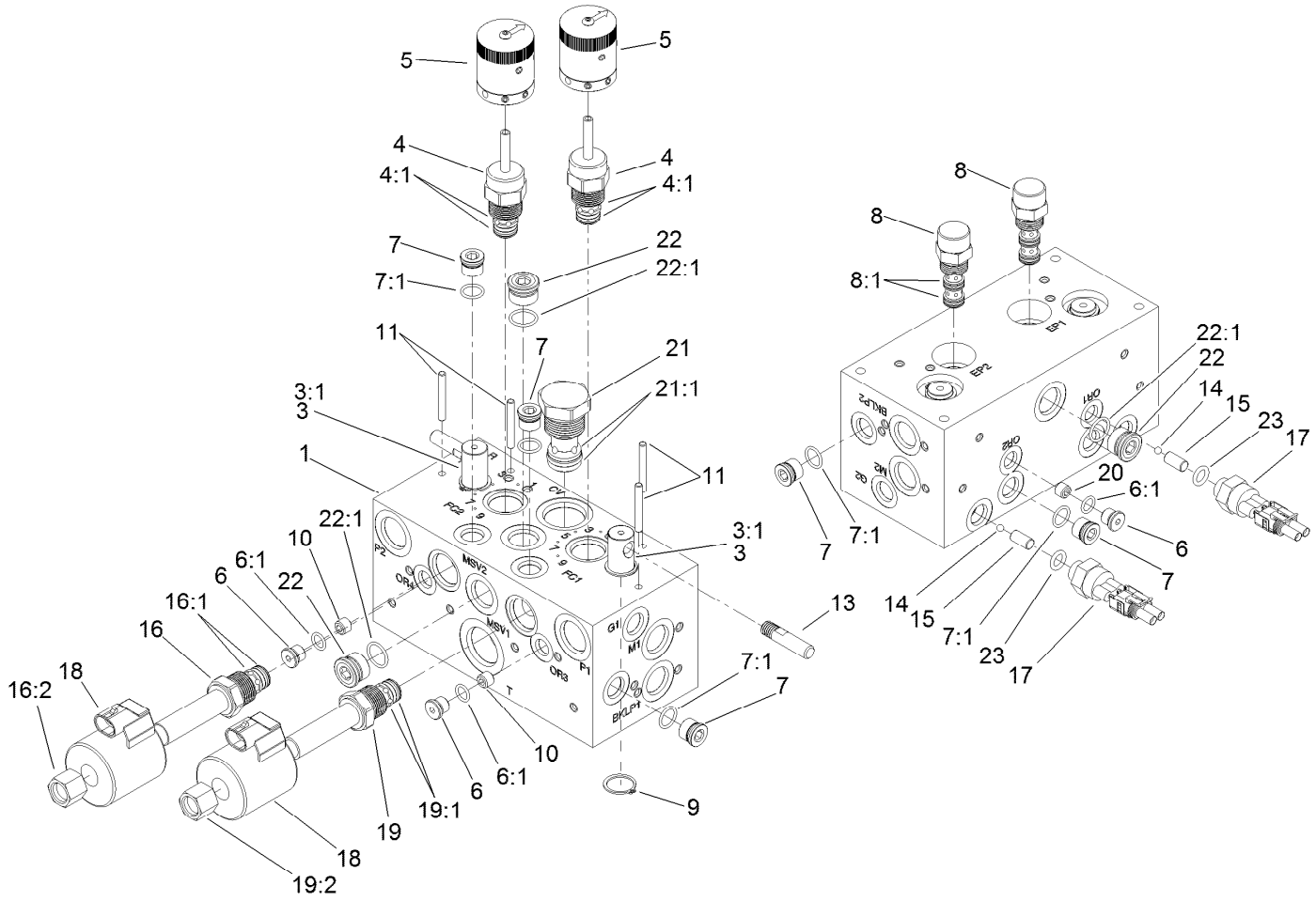
Ref.	Part Number	Qty.	Description
1	340-78	1	Nut-Lock
2	108-1625	1	HYD Mow Block Manifold ASM
3	59-7410	2	Fitting-Diagnostic
3:1	237-42	1	O-Ring
4	354-79	2	Cap-Dust
5	56-7972	4	Clamp-Tube
6	340-9	1	Fitting-STR
6:1	237-58	1	O-Ring
6:2	237-81	1	O-Ring
7	340-7	2	Fitting-Straight
7:1	237-65	1	O-Ring
7:2	237-80	1	O-Ring
8	94-5780	1	Screw-HWH
9	340-4	4	Fitting-Straight
9:1	237-30	1	O-Ring
9:2	237-79	1	O-Ring
10	3234-14	3	Screw-HHF
11	110-5287	1	Tube ASM
11:1	237-30	1	O-Ring
12	110-5288	1	Tube ASM

Ref.	Part Number	Qty.	Description
12:1	237-30	2	O-Ring
13	108-1708	1	Tube ASM
13:1	237-30	1	O-Ring
14	110-5286	1	Tube ASM
14:1	237-22	2	O-Ring
14:2	237-21	3	O-Ring
15	2412-4	1	Clamp-R
16	114-8888	1	Tube ASM
16:1	237-22	1	O-Ring
16:2	237-21	1	O-Ring
17	93-9151	1	Fitting-HYD
17:1	237-30	2	O-Ring
18	104-8300	2	Nut-HF, NI
19	32144-57	1	Screw
20	340-78	2	Nut-Lock
21	340-127	5	Nut-Bulkhead
22	69-8930	10	Washer
23	240-5	5	Grommet
24	69-8960	5	Spacer
25	340-126	1	Nut-Bulkhead



Reel Control Block Hydraulic Plumbing Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
26	108-1700	1	Tube ASM
27	3234-5	1	Screw-HHF

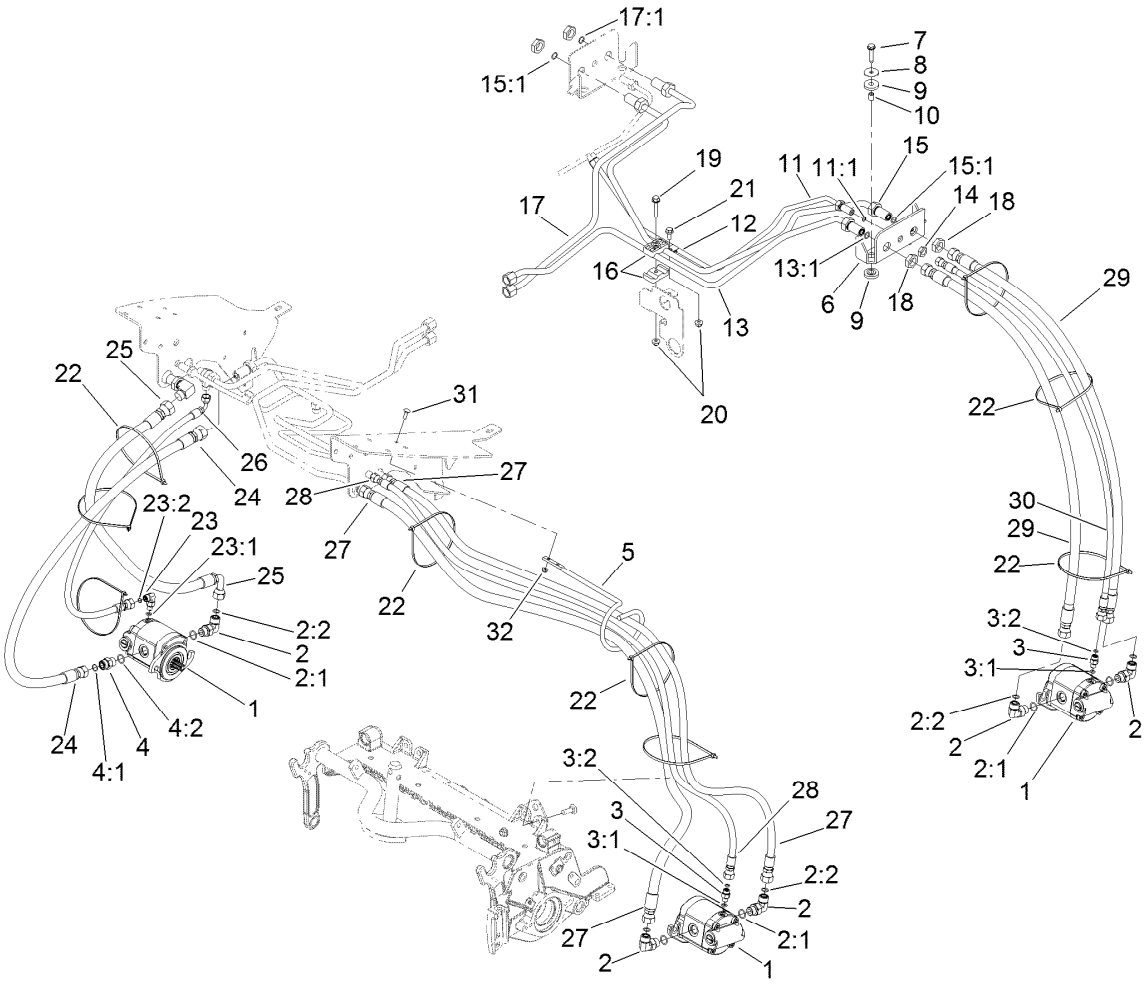


Hydraulic Manifold Block Assembly No. 108-1625

Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
3	110-8766	2	Spool-Rotary
3:1	110-8763	1	Seal Kit
4	110-8769	2	Valve-Control, Manual Flow
4:1	110-2633	1	Seal Kit
5	110-8767	2	Rotary Handle ASM
6	353-990	4	Plug ASM
6:1	237-78	1	O-Ring
7	106-1026	6	Plug-HYD
7:1	237-42	1	O-Ring
8	110-8890	2	Element-Logic
8:1	110-8773	1	Seal Kit
9	112-6532	4	Ring-Retaining
10	110-8987	2	Plug-Orifice (0.015 Rw)
11	112-6531	4	Pin-Spring
13	110-8758	2	Handle-Spool

Ref.	Part Number	Qty.	Description
14	110-8762	2	Ball-Chrome
15	110-8761	2	Pin-Dowel
16	110-8888	1	Valve-Relief, Solenoid
16:1	110-6316	1	Seal Kit
16:2	110-2635	1	Nut-Coil
17	72-4310	2	Switch-Ball
18	110-6344	2	Coil-12V, DC
19	110-6345	1	Valve-Relief, Solenoid
19:1	110-6316	1	Seal Kit
19:2	110-2635	1	Nut-Coil
20	110-8887	2	Plug-Orifice (0.055)
21	110-8886	1	Valve-Check
21:1	110-0470	1	Seal Kit
22	106-1027	3	Plug
22:1	237-79	1	O-Ring
23	110-8757	2	O-Ring

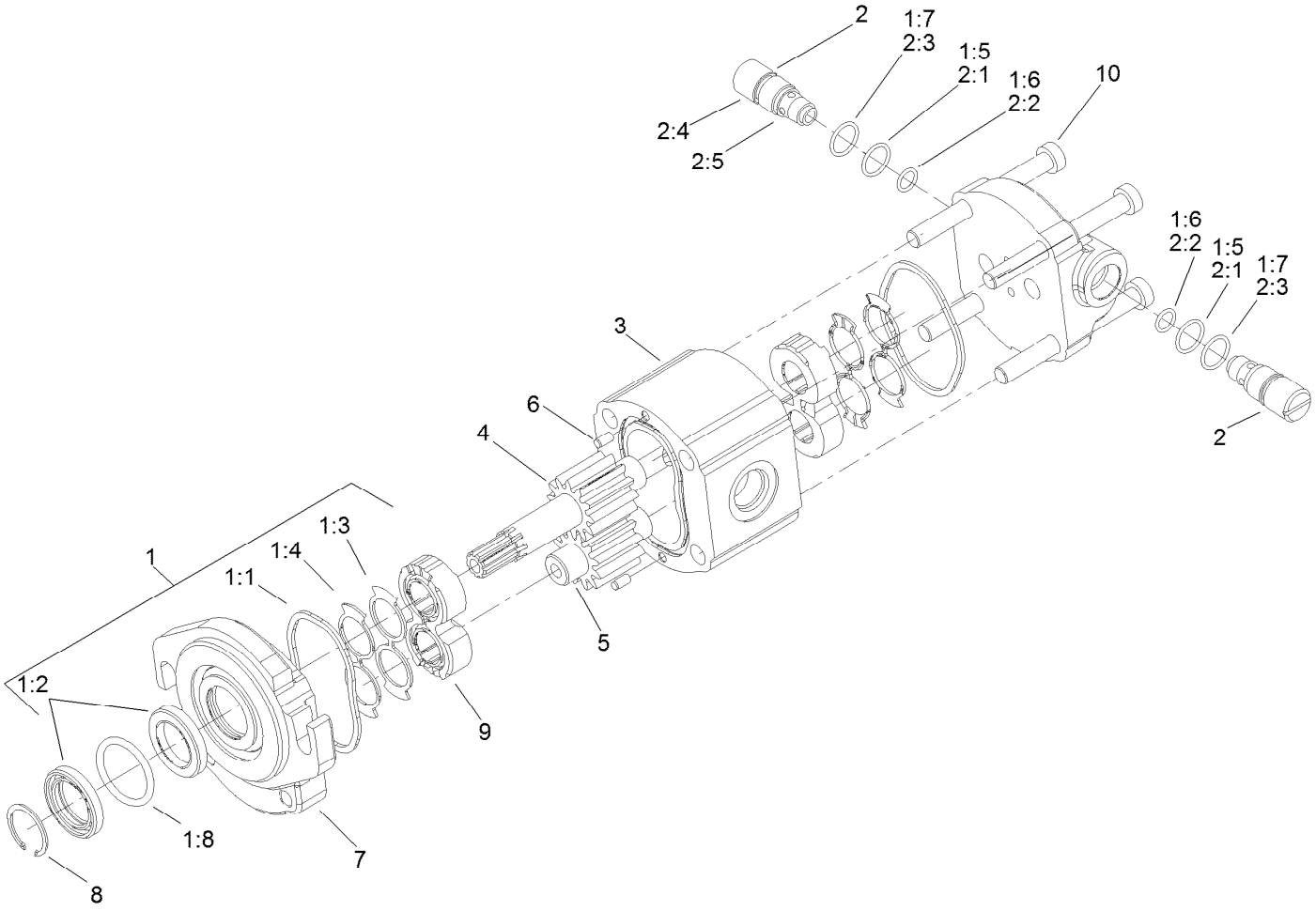
● Not serviced separately



Rear Reel Drive System Plumbing and Front Hose Assembly

Ref.	Part Number	Qty.	Description
1	110-1717	5	HYD Motor ASM
2	340-98	9	Fitting-Elbow, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	340-92	4	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	340-4	1	Fitting-Straight
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	108-7585	2	Guide-Hose
6	108-1814-03	2	Bracket-Bulkhead
7	32144-57	4	Screw
8	105-3048	4	Washer-Flat
9	240-11	8	Bushing-Flange
10	99-8611	4	Spacer
11	114-8887	1	Tube ASM
11:1	237-21	1	O-Ring
12	2412-113	1	Clamp-R
13	108-1701	1	Tube ASM
13:1	237-30	1	O-Ring
14	340-78	1	Nut-Lock

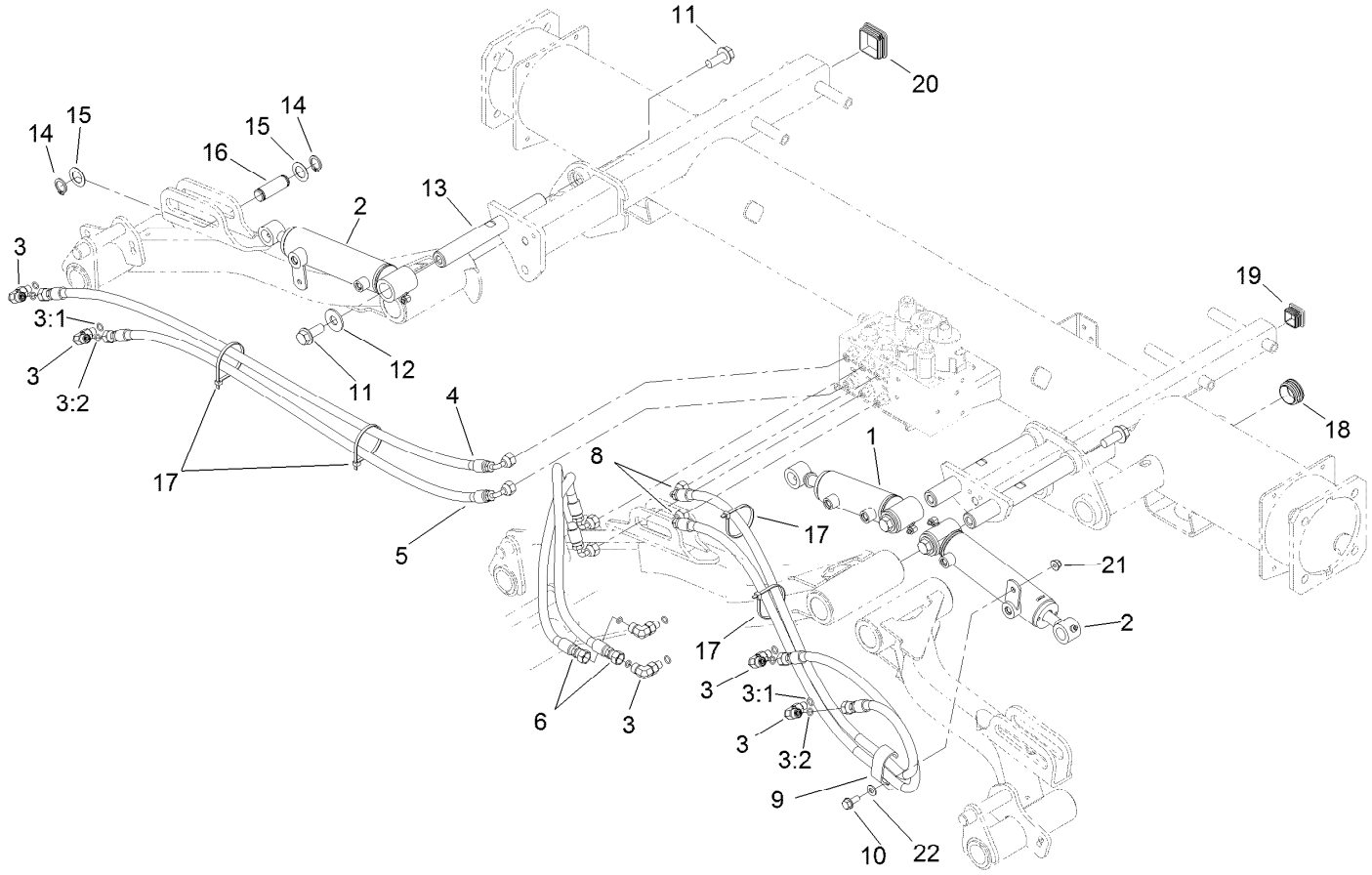
Ref.	Part Number	Qty.	Description
15	108-1702	1	Tube ASM
15:1	237-30	2	O-Ring
16	56-7976	2	Clamp-Tube
17	108-1703	1	Tube ASM
17:1	237-30	1	O-Ring
18	340-127	4	Nut-Bulkhead
19	94-5780	1	Screw-HWH
20	104-8300	2	Nut-HF, NI
21	3234-5	1	Screw-HHF
22	3334-945	15	Tie-Cable
23	340-132	1	Fitting-Elbow, 90 DEG
23:1	237-78	1	O-Ring
23:2	237-21	1	O-Ring
24	106-3669	1	HYD Hose ASM
25	106-3670	1	HYD Hose ASM
26	106-3671	1	Hose-HYD
27	114-8868	4	HYD Hose ASM
28	106-3680	2	Hose-HYD
29	106-3672	4	HYD Hose ASM
30	98-4590	2	Hose-HYD
31	3229-1	4	Screw-CARR
32	104-7201	4	Nut-HF, NI



Hydraulic Motor Assembly No. 110-1717

Ref.	Part Number	Qty.	Description
1	110-0040	1	Seal Kit
1:1		2	Ring ●
1:2		2	Seal-Shaft ●
1:3		2	Seal ●
1:4		2	Seal-Anti Extrusion ●
1:5		2	Seal-Valve, Relief ●
1:6		2	Seal-Valve, Relief ●
1:7		2	Ring-Backup ●
1:8		1	Ring-Spacer ●
2	110-0041	2	Relief Cartridge Kit
2:1		1	Seal ●
2:2		1	Seal ●
2:3		1	Ring-Backup ●
2:4		1	Cap-Relief ●
2:5		1	Valve-Relief ●
3		1	Body ●
4		1	Gear-Drive ●
5		1	Gear-Driven ●
6		2	Pin-Dowel ●
7		1	Cover-Front ●
8		1	Ring-Retaining ●
9		2	Block-Bearing ●
10		4	Screw ●

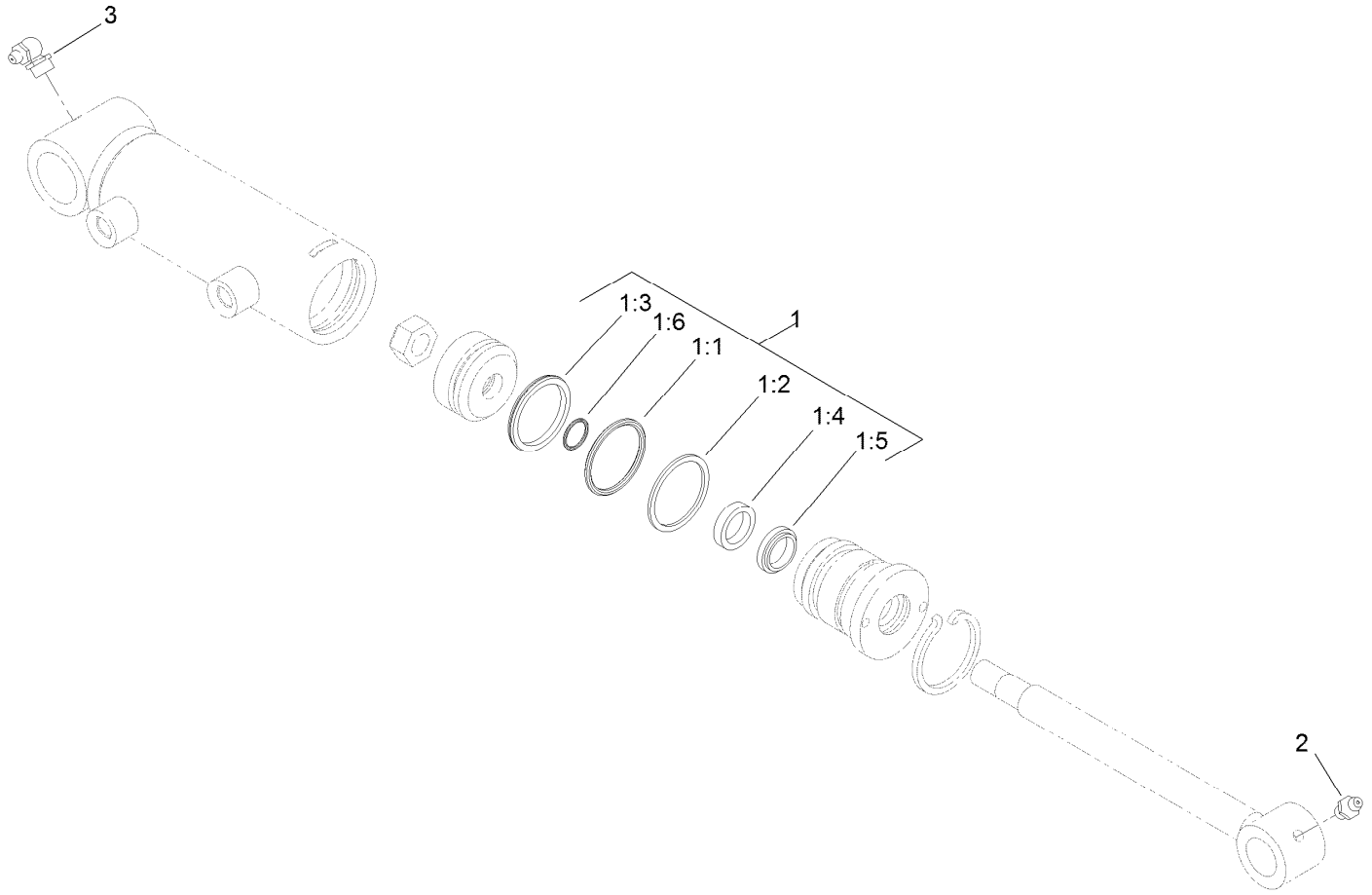
● Not serviced separately



Front Lift Cylinder and Plumbing Assembly

Ref.	Part Number	Qty.	Description
1	110-9034	1	Cylinder-HYD
2	110-9033	2	Cylinder-HYD
3	340-132	6	Fitting-Elbow, 90 DEG
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	106-3692	1	Hose-HYD
5	106-3693	1	Hose-HYD
6	93-6887	2	Hose-HYD
8	85-4940	2	Hose-HYD
9	2412-137	1	Clamp-R, Double
10	3234-47	1	Screw-HHF
11	3234-38	6	Screw-HHF

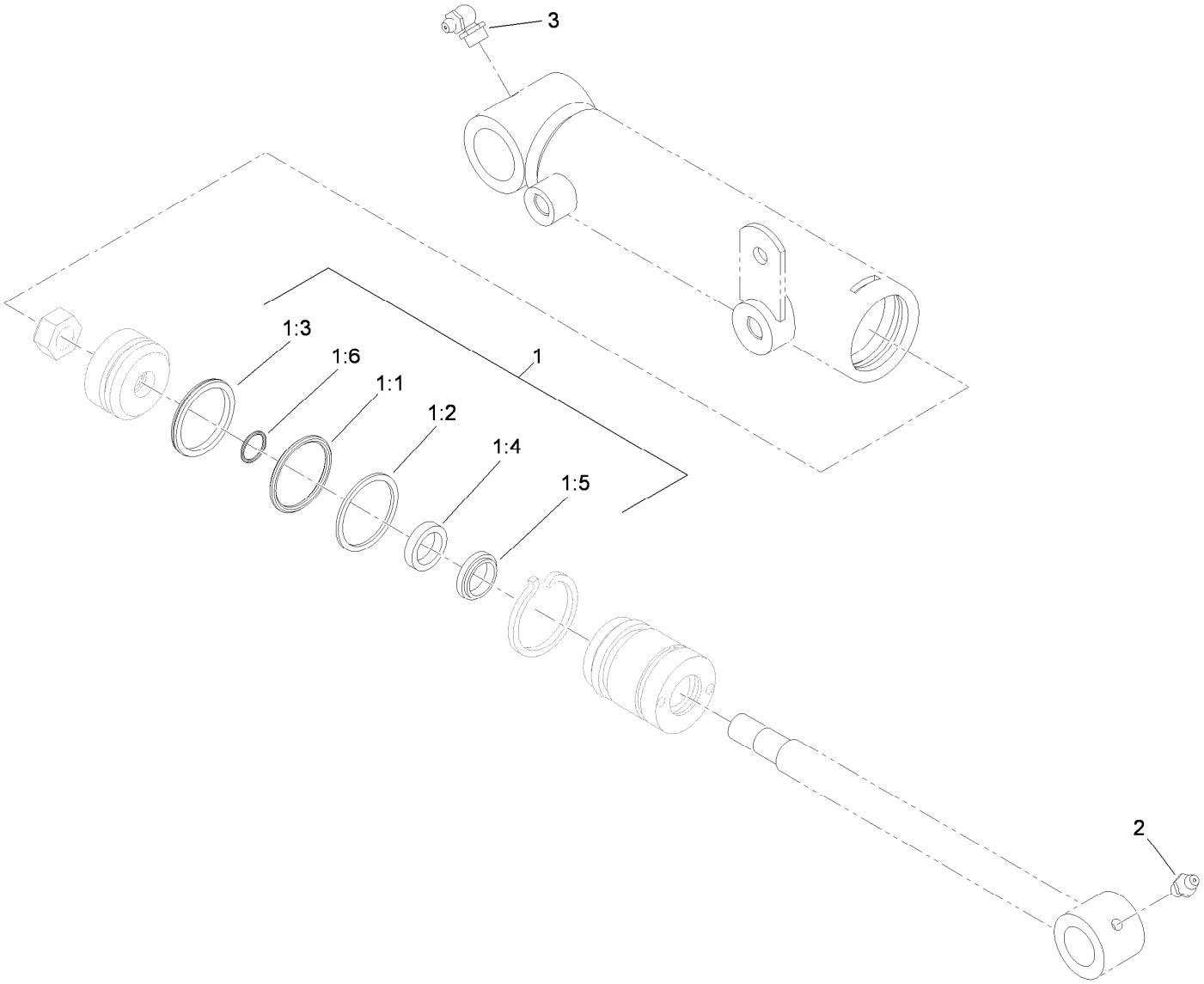
Ref.	Part Number	Qty.	Description
12	3256-6	3	Washer-Flat
13	107-2077	3	Pin-Cylinder
14	32120-93	6	Ring-Retaining
15	3-6498	6	Washer-Thrust
16	104-0046	3	Pin-Slide, Cylinder
17	3290-379	4	Tie-Cable
18	110-9012	3	Caplug
19	110-9013	1	Caplug
20	95-9495	1	Cap
21	104-8300	1	Nut-HF, NI
22	3256-23	1	Washer-Plain



Hydraulic Cylinder Assembly No. 110-9034

Ref.	*Part Number*	*Qty.*	*Description*
1	114-8873	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Seal-Bp ●
1:4		1	Bs Seal ●
1:5		1	Dust Seal ●
1:6		1	O-Ring ●
2	302-5	1	Fitting-Grease
3	302-60	1	Fitting-Grease

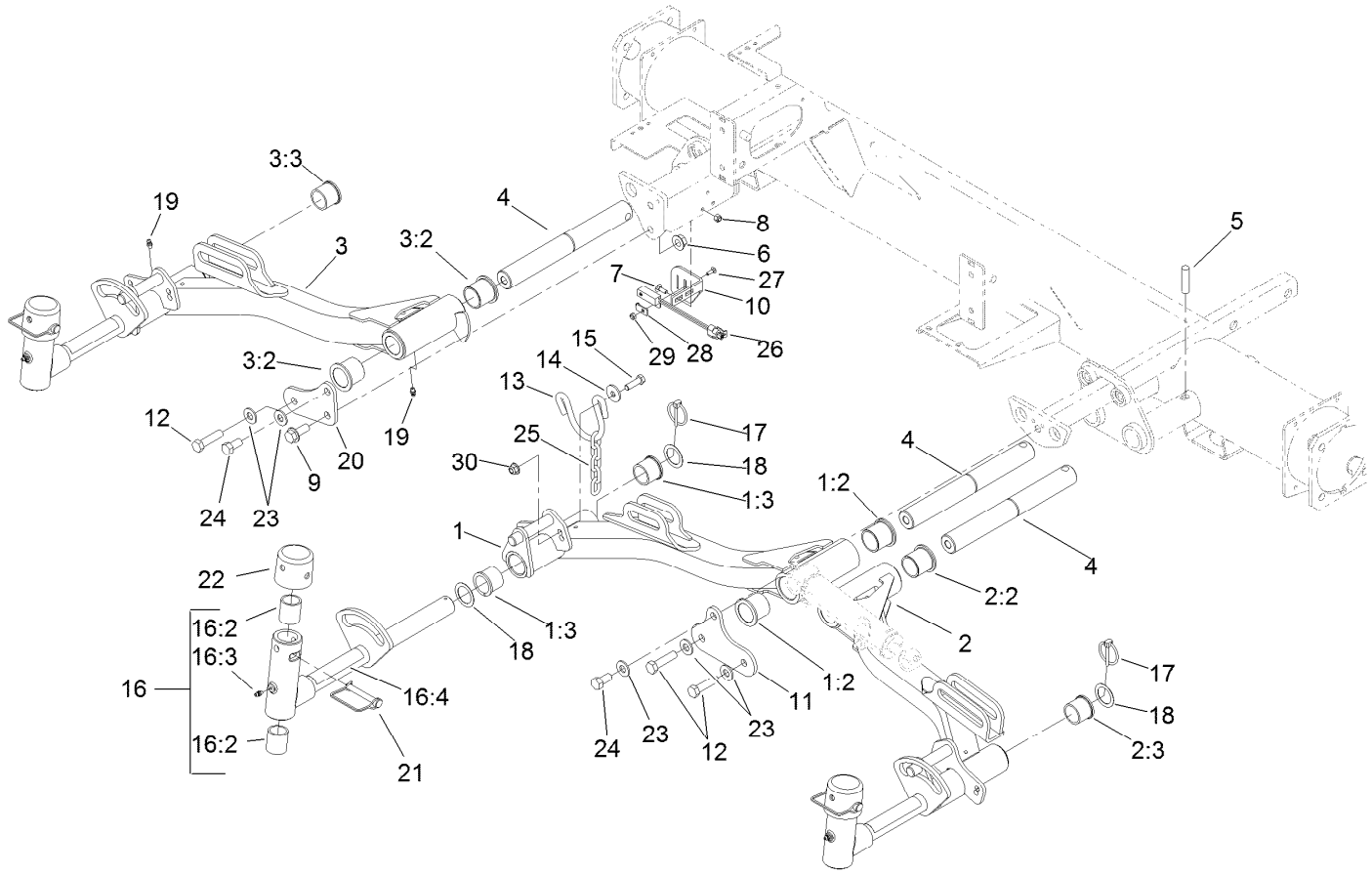
● Not serviced separately



Hydraulic Cylinder Assembly No. 110-9033

Ref.	*Part Number*	*Qty.*	*Description*
1	114-8873	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Seal-Bp ●
1:4		1	Bs Seal ●
1:5		1	Dust Seal ●
1:6		1	O-Ring ●
2	302-5	1	Fitting-Grease
3	302-60	1	Fitting-Grease

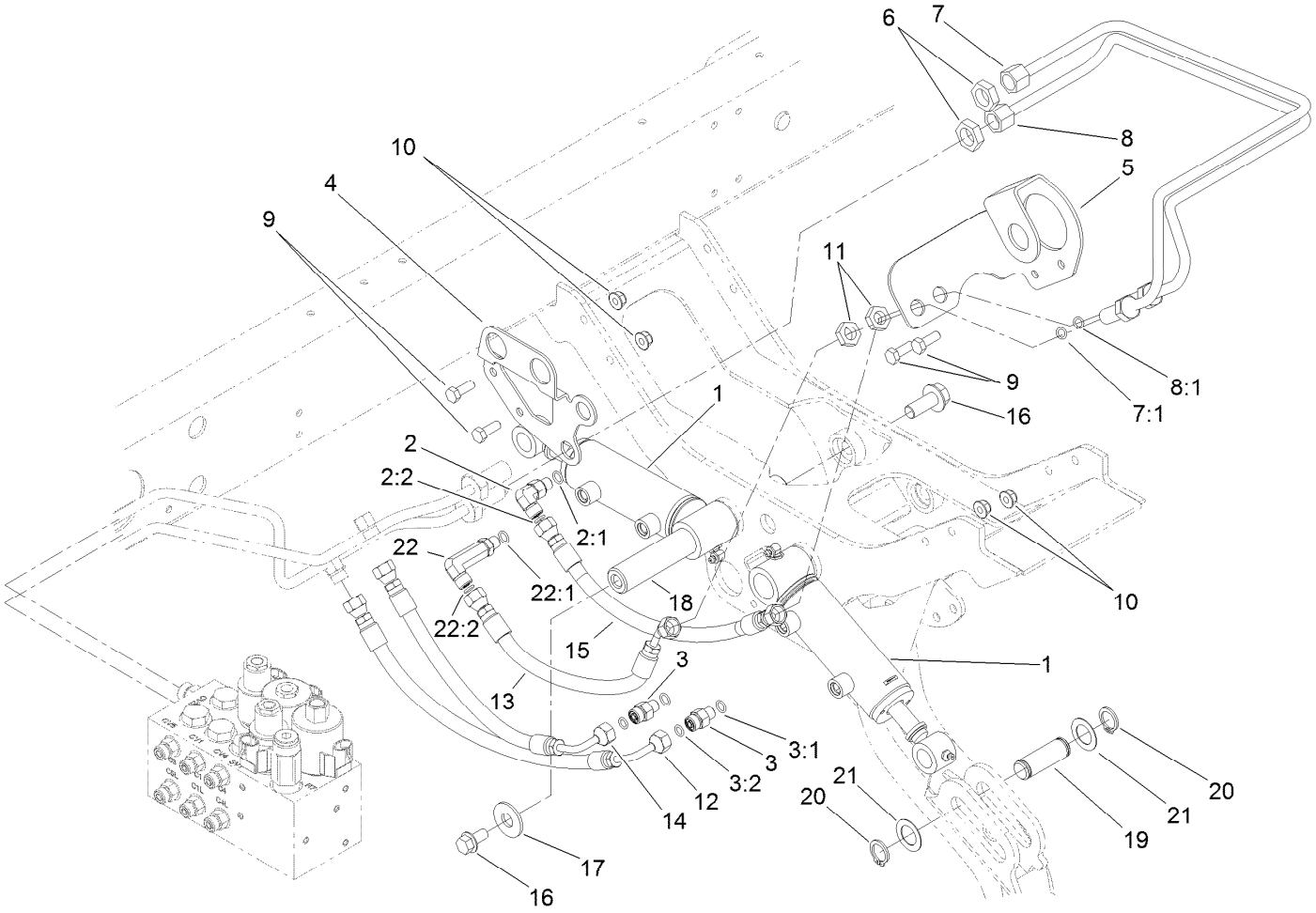
● Not serviced separately



Front Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	110-0991	1	No. 1 Lift Arm ASM
1:2	69-6470	2	Bushing-Caster
1:3	104-0015	2	Bushing-Flange
2	114-8874	1	No. 4 Lift Arm ASM
2:2	69-6470	2	Bushing-Caster
2:3	104-0015	2	Bushing-Flange
3	110-0995	1	No. 5 Lift Arm ASM
3:2	69-6470	2	Bushing-Caster
3:3	104-0015	2	Bushing-Flange
4	95-8531	3	Shaft-Pivot, Liftarm
5	32121-122	3	Pin-Roll
6	32128-23	1	Nut-HF
7	3229-1	2	Screw-CARR
8	3296-42	2	Nut-Lock, NI
9	3234-38	1	Screw-HHF
10	110-0919	1	Bracket-Switch
11	110-0938-01	1	Plate-Bridge
12	325-8	3	Screw-HH
13	110-0922	3	Hoop-Chain
14	63-8410	6	Washer

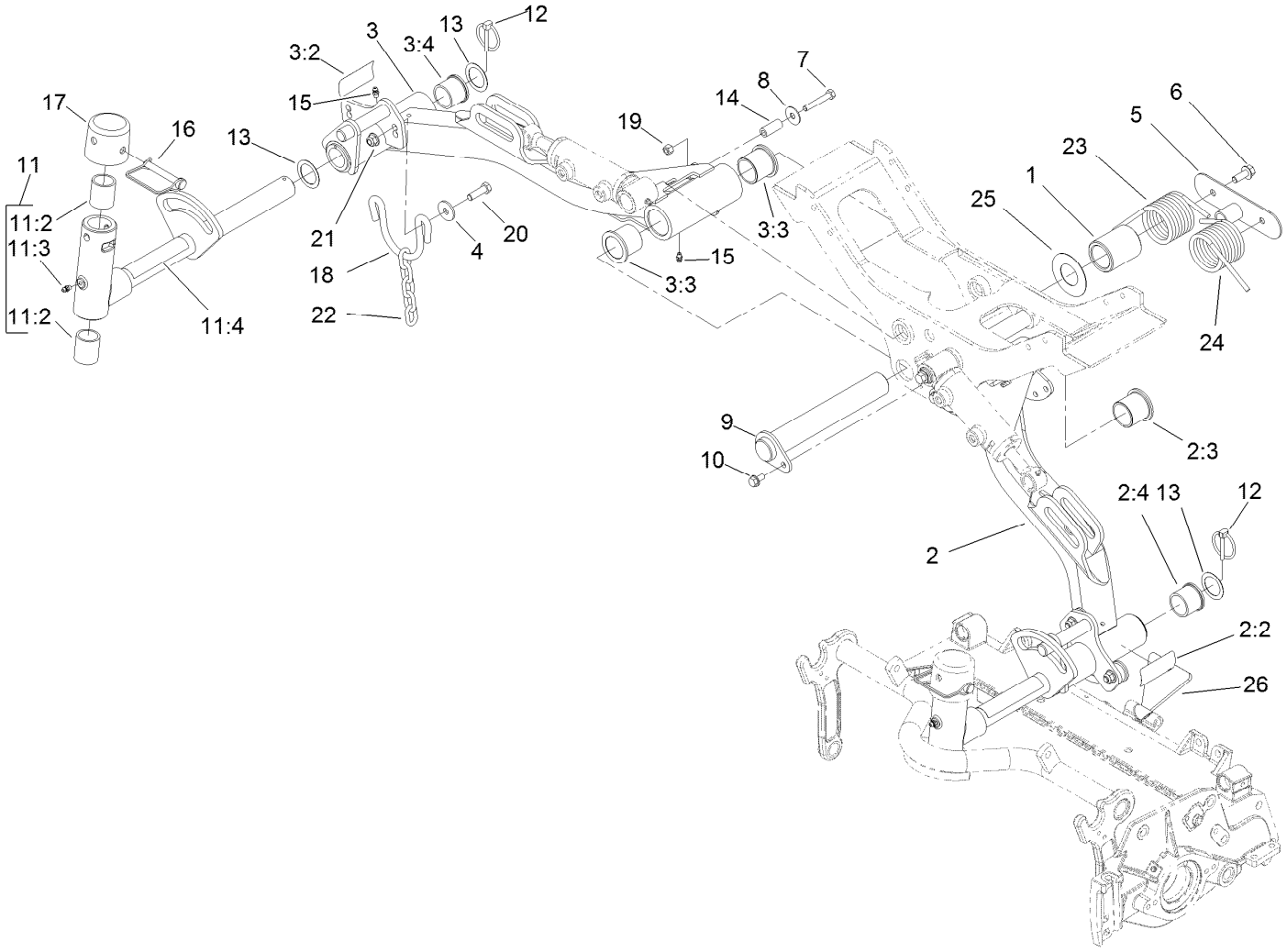
Ref.	Part Number	Qty.	Description
15	323-7	6	Screw-HH
16	107-2052	3	Pivot Yoke ASM
16:2	256-254	2	Bushing
16:3	302-5	1	Fitting-Grease
16:4	110-9642	1	Decal-Warning
17	92-1298	3	Pin-Lynch
18	76-2980	6	Washer-Thrust
19	302-5	6	Fitting-Grease
20	110-0939-01	1	Plate-Bridge, No. 5
21	107-7400	3	Pin-Lynch
22	107-4027	3	Cap
23	87-7270	5	Washer-Thrust
24	3213-1	2	Screw-HH
25	84-2451	3	Chain-Straight, 5 Link
26	105-0023	1	Switch-Proximity
27	3229-34	1	Screw-CARR
28	100-4872	1	Plate-Switch, Neutral
29	3296-2	1	Nut-Lock, NI
30	104-8301	6	Nut-HF, NI



Rear Lift Cylinder and Plumbing Assembly

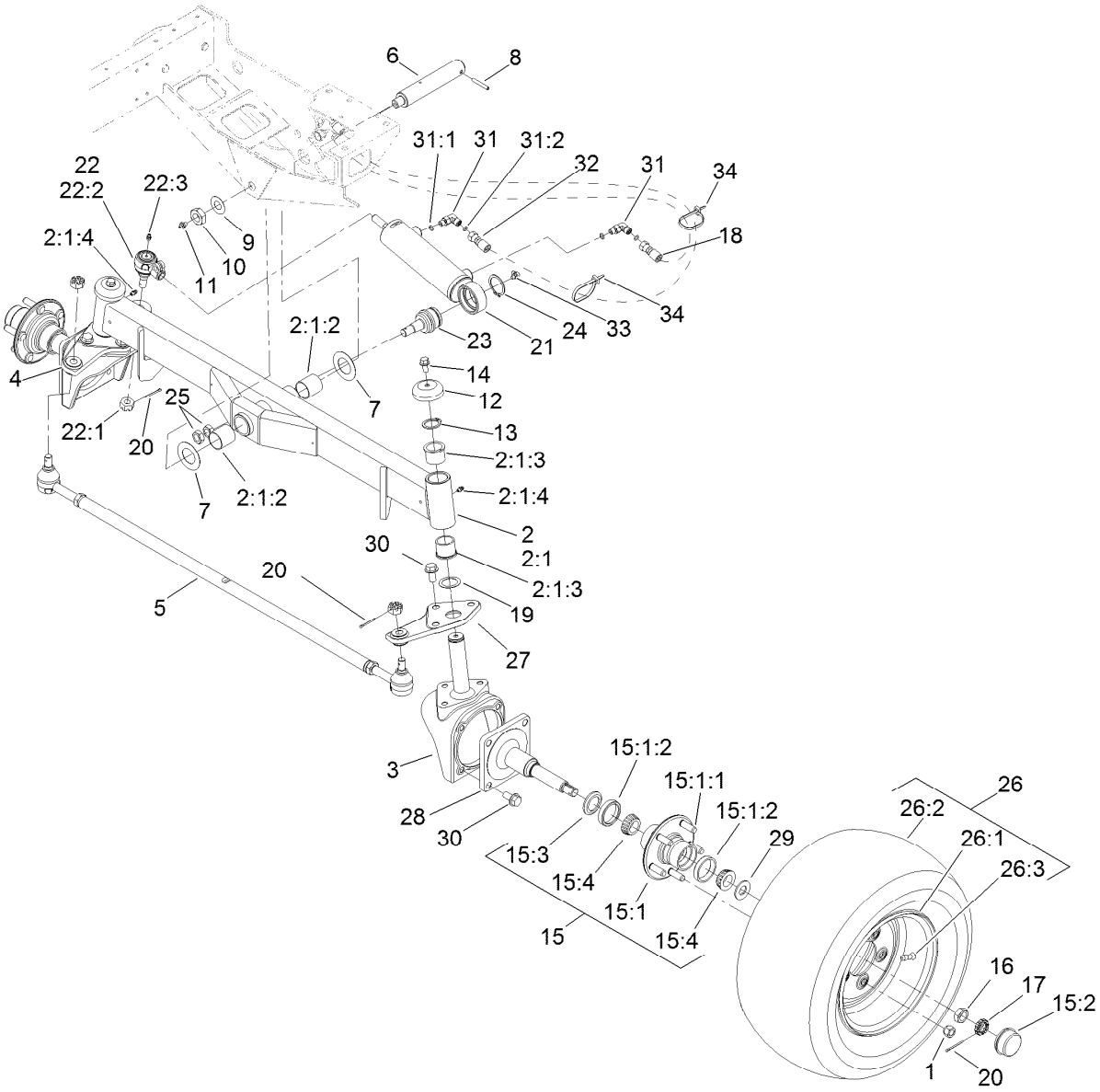
Ref.	Part Number	Qty.	Description
1	110-9034	2	Cylinder-HYD
2	340-132	1	Fitting-Elbow, 90 DEG
2:1	237-78	1	O-Ring
2:2	237-21	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	110-0918-01	1	Bracket-Bulkhead, RH
5	110-0917-01	1	Bracket-Bulkhead, LH
6	340-70	2	Nut-Lock
7	110-0915	1	Tube ASM
7:1	237-21	1	O-Ring
8	110-0916	1	Tube ASM
8:1	237-21	1	O-Ring
9	322-4	4	Screw-HH

Ref.	Part Number	Qty.	Description
10	104-8300	4	Nut-HF, NI
11	340-78	2	Nut-Lock
12	110-0930	1	Hose-HYD
13	110-8966	1	Hose-HYD
14	110-0929	1	Hose-HYD
15	110-0931	1	Hose-HYD
16	3234-38	4	Screw-HHF
17	3256-6	2	Washer-Flat
18	107-2077	2	Pin-Cylinder
19	104-0046	2	Pin-Slide, Cylinder
20	32120-93	4	Ring-Retaining
21	3-6498	4	Washer-Thrust
22	100-7695	1	Fitting-Elbow 90
22:1	237-78	1	O-Ring
22:2	237-21	1	O-Ring



Rear Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	110-5339	2	Spacer
2	110-0992	1	No. 2 Lift Arm ASM
2:2	93-6696	1	Decal-Warning
2:3	69-6470	2	Bushing-Caster
2:4	104-0015	2	Bushing-Flange
3	110-0993	1	No. 3 Lift Arm ASM
3:2	93-6696	1	Decal-Warning
3:3	69-6470	2	Bushing-Caster
3:4	104-0015	2	Bushing-Flange
4	63-8410	4	Washer
5	110-8874-03	1	Catch
6	3234-11	2	Screw-HHF
7	322-10	2	Screw-HH
8	3256-35	2	Washer-Flat
9	107-2062	2	Pin
10	32144-14	2	Screw-HWHTF
11	107-2052	2	Pivot Yoke ASM
11:2	256-254	2	Bushing
11:3	302-5	1	Fitting-Grease
11:4	110-9642	1	Decal-Warning
12	92-1298	2	Pin-Lynch
13	76-2980	4	Washer-Thrust
14	103-0384	2	Spacer
15	302-5	4	Fitting-Grease
16	107-7400	2	Pin-Lynch
17	107-4027	2	Cap
18	110-0922	2	Hoop-Chain
19	3296-29	2	Nut-Lock, NI
20	323-7	4	Screw-HH
21	104-8301	4	Nut-HF, NI
22	84-2451	2	Chain-Straight, 5 Link
23	99-5608-03	1	Spring-Torsion, RH
24	99-5609-03	1	Spring-Torsion, LH
25	110-5345	2	Washer
26	110-4088-03	1	Kickstand

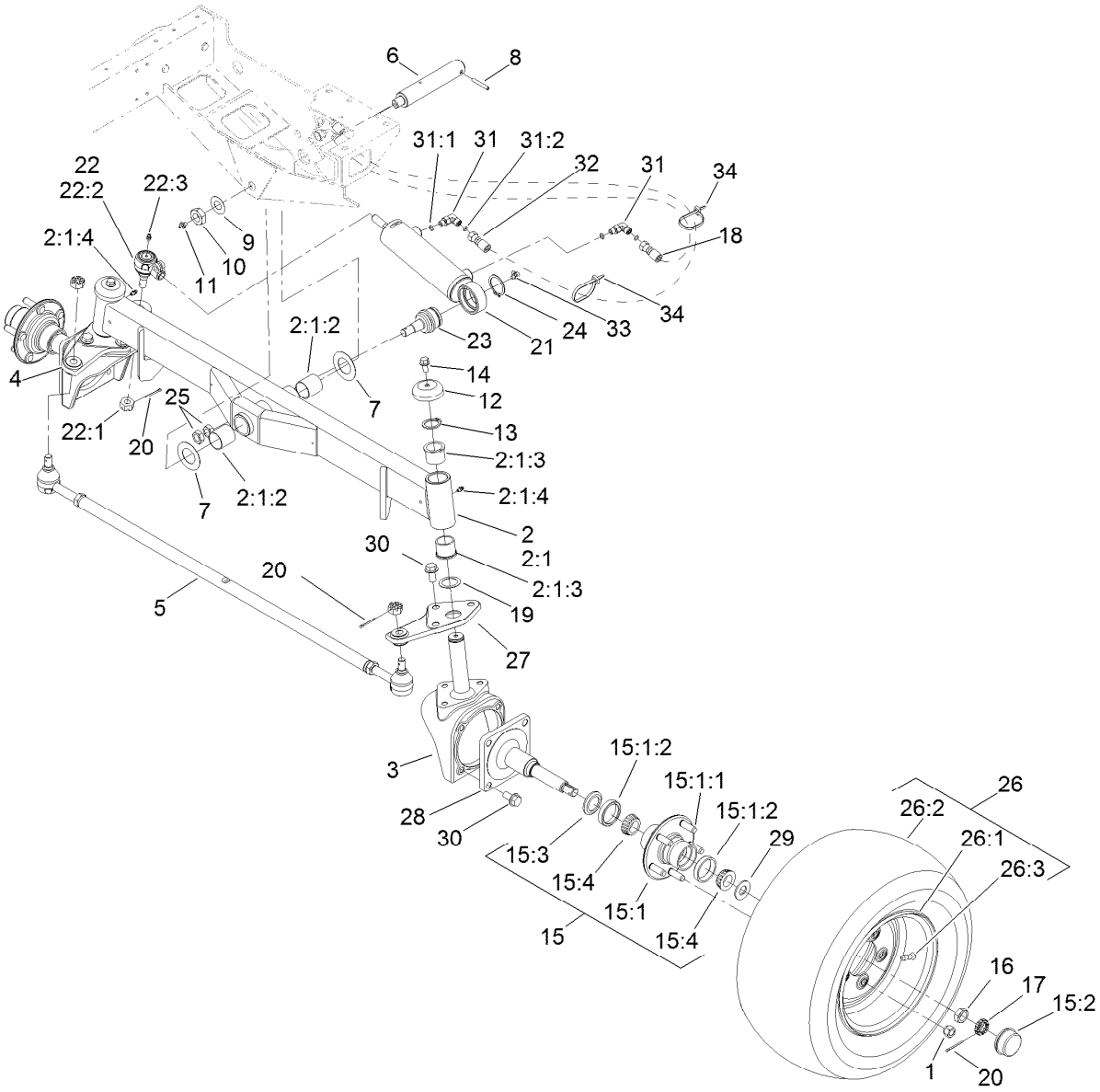


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	242-50	10	Nut-Lug
2	107-4546-03	1	Axle ASM
2:1		1	Axle ●
2:1:2	99-6964	2	Bushing-Axle
2:1:3	104-0015	4	Bushing-Flange
2:1:4	302-5	2	Fitting-Grease
3	107-4517-03	2	Housing-Motor
4	110-5295-03	1	Link-Drag, RH
5	110-5334-03	1	Tie Rod ASM
6	98-8173	1	Pin-Pivot, Axle
7	99-8432	2	Washer-Thrust
8	32121-32	1	Pin-Roll
9	71-4540	1	Washer-Thrust
10	32146-20	1	Nut-Hex
11	302-33	1	Fitting-Grease
12	69-8890	2	Cap-Spindle
13	32151-77	2	Ring-Retaining, External
14	3234-1	2	Screw-HHF

Ref.	Part Number	Qty.	Description
15		2	Hub ASM ●
15:1	21-2820	1	Hub
15:1:1	10-6830	5	Stud-Type, Drive
15:1:2	254-72	2	Bearing-Cup, Tapered
15:2	241-119	1	Cap-Dust
15:3	253-129	1	Seal
15:4	254-94	2	Bearing-Cone, Tapered
16	3220-7	2	Nut-Jam
17	93-0307	2	Nut-Lock, Retainer
18	110-0928	1	Hose-HYD
19	76-2980	2	Washer-Thrust
20	3272-12	5	Pin-Cotter
21	110-9035	1	HYD Cylinder ASM
22	106-6895-03	1	Ball Joint ASM
22:1	32136-13	1	Nut-SHH
22:2	106-6896	1	Seal
22:3	302-5	1	Fitting-Grease
23	106-6774	1	Joint-Ball

● Not serviced separately

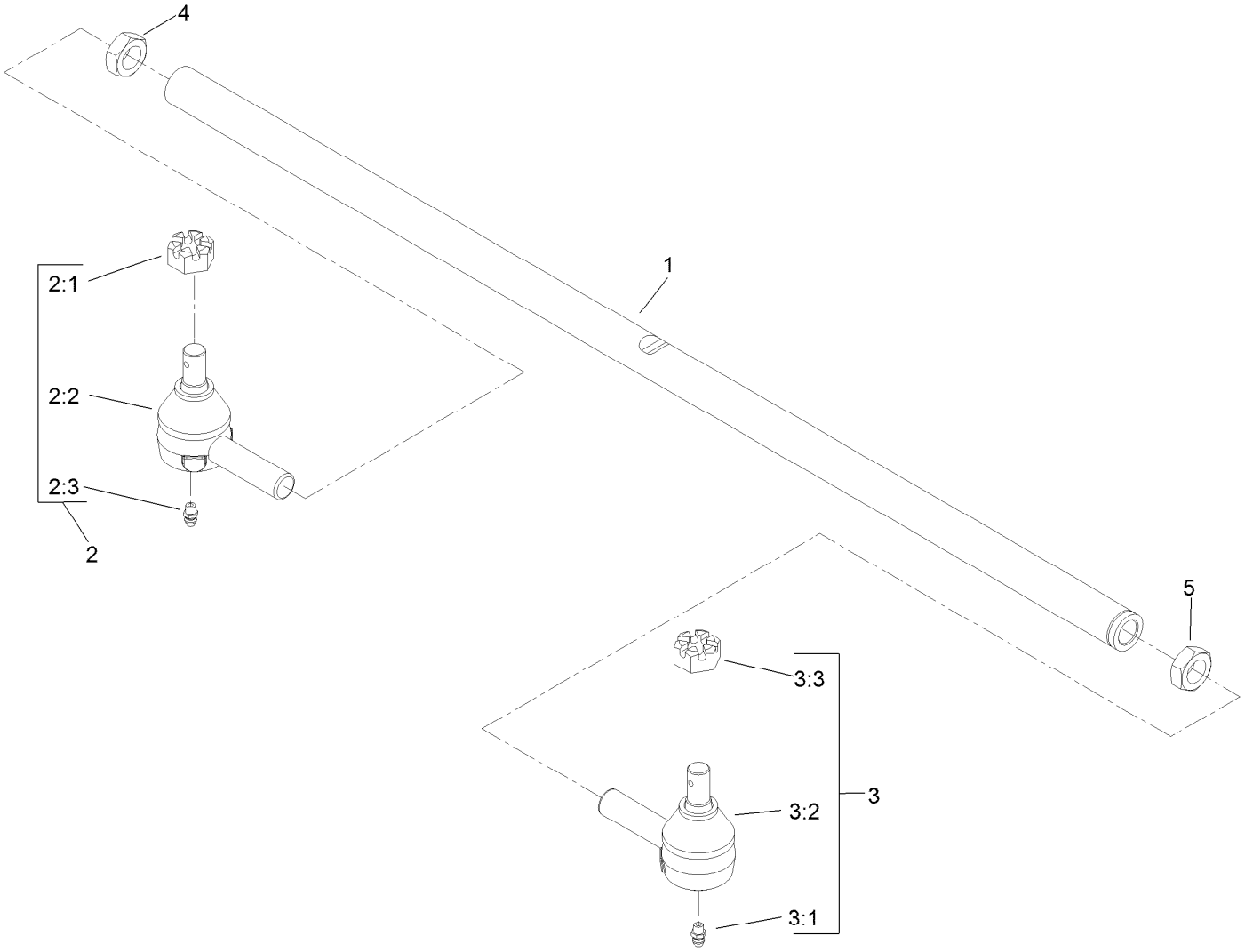


Rear Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
24	32151-104	1	Ring-Retaining, External
25	3220-6	2	Nut-Jam
26	108-1602	2	Wheel And Tire ASM
26:1	108-1600	1	Rim
26:2	104-0451	1	Tire-Turf, Trac
26:3	232-27	1	Stem-Valve
27	110-5297-03	1	Link-Drag, LH
28	110-5299-03	2	Spindle

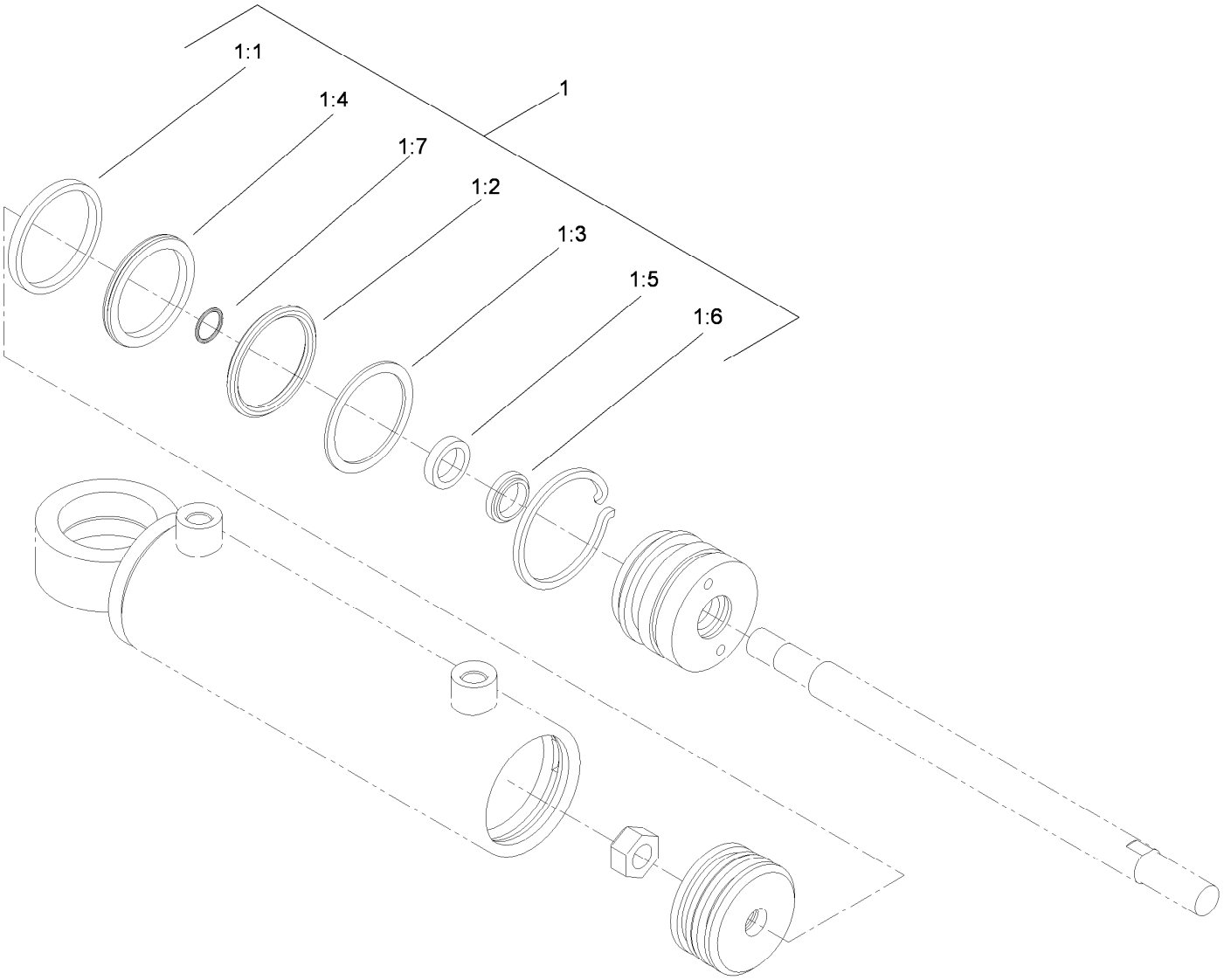
Ref.	Part Number	Qty.	Description
29	93-0309	2	Washer-Tab
30	3234-6	14	Screw-HHF
31	340-132	2	Fitting-Elbow, 90 DEG
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring
32	110-0973	1	Hose-HYD
33	302-40	1	Fitting-Grease, 90 DEG
34	3290-378	2	Tie-Cable

● Not serviced separately



Tie Rod Assembly No. 110-5334-03

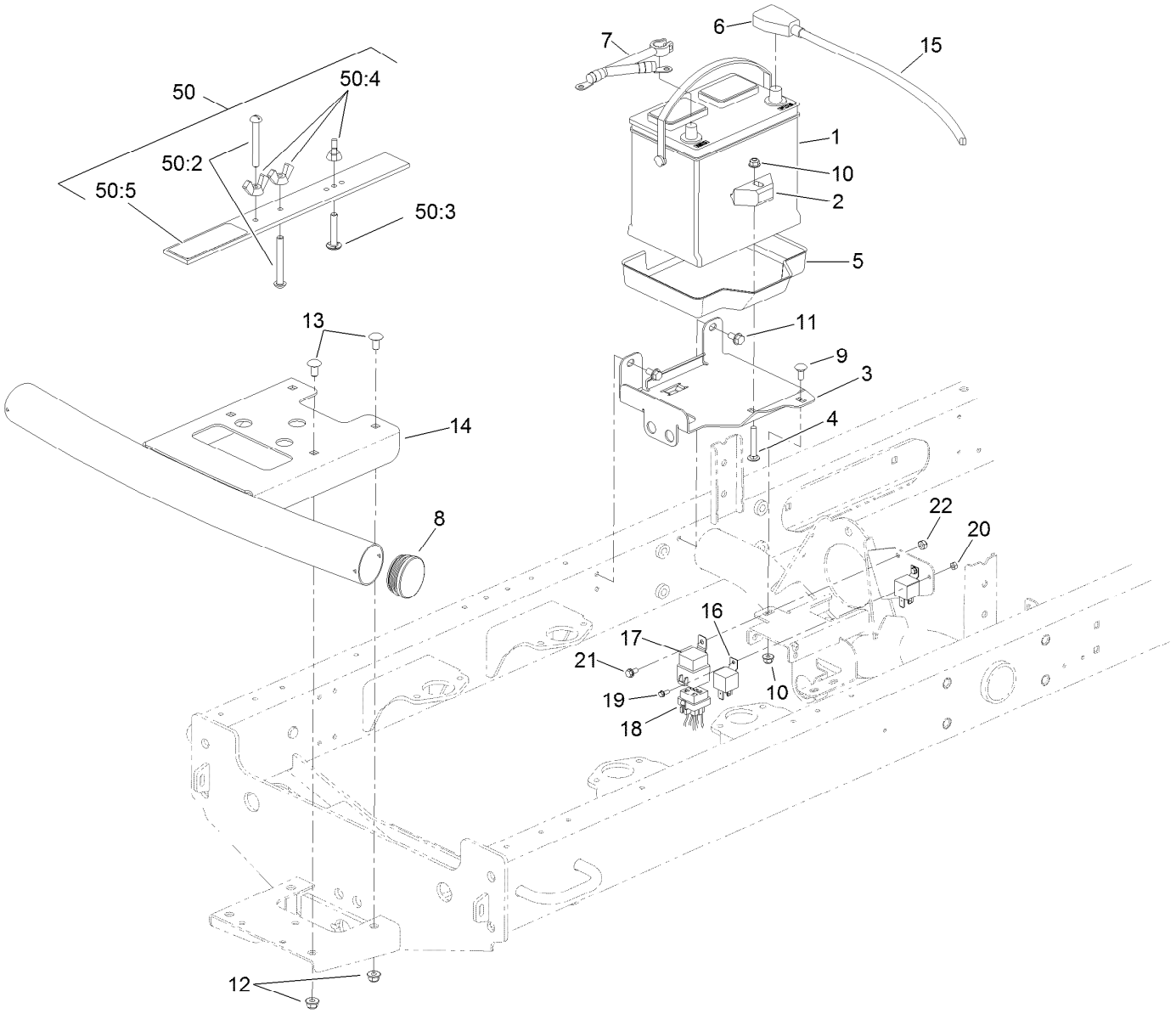
Ref.	*Part Number*	*Qty.*	*Description*
1	110-5335	1	Rod-Tie
2	71-4740-03	1	RH Tie Rod End ASM
2:1	105-7941	1	Nut-Hex, Slotted
2:2	105-7835	1	Seal
2:3	302-5	1	Fitting-Grease
3	2411-46	1	End-Rod, Tie (LH)
3:1	302-5	1	Fitting-Grease
3:2	105-7835	1	Seal
3:3	105-7941	1	Nut-Hex, Slotted
4	84-5300	1	Nut-Jam
5	110-5337	1	Nut-Jam



Hydraulic Cylinder Assembly No. 110-9035

Ref.	*Part Number*	*Qty.*	*Description*
1	114-8875	1	Seal Kit
1:1		1	Wear Ring ●
1:2		1	O-Ring ●
1:3		1	Backup ●
1:4		1	Seal-Bp ●
1:5		1	Bs Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●

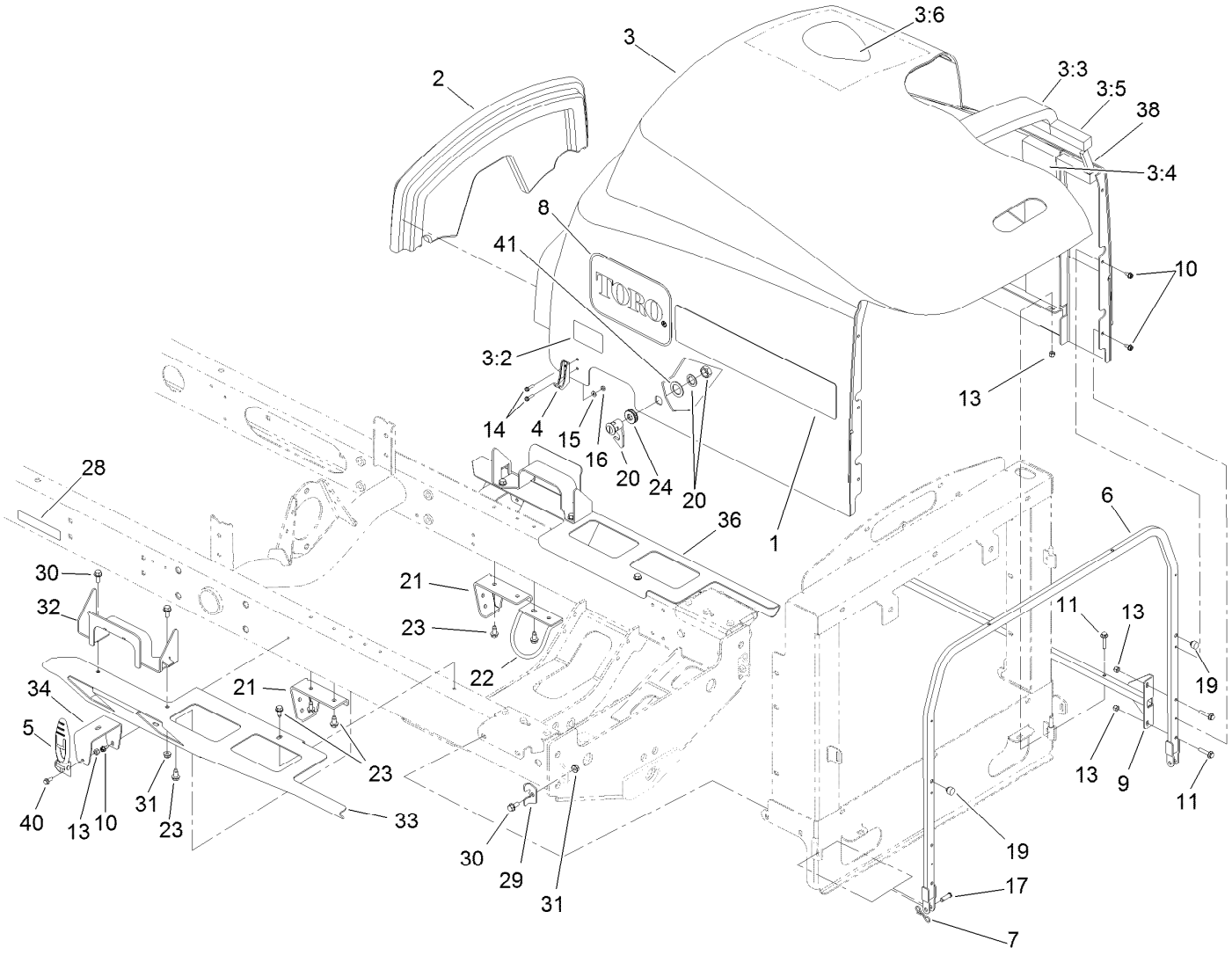
● Not serviced separately



Battery and Bumper Assembly

Ref.	Part Number	Qty.	Description
1	104-9979	1	Battery
2	66-2490	1	Retainer-Battery
3	110-0907-01	1	Bracket-Battery
4	3230-6	1	Bolt-CARR
5	99-3513	1	Tray-Battery
6	108-1802	1	Cable-Battery, Positive
7	110-8813	1	Cable-Battery, Negative
8	2410-42	2	Cap-End
9	3230-1	1	Bolt-CARR
10	104-8300	2	Nut-HF, NI
11	32104-32	2	Screw-HWH
12	104-8301	4	Nut-HF, NI
13	3231-21	4	Screw-CARR
14	110-8951-03	1	Bumper

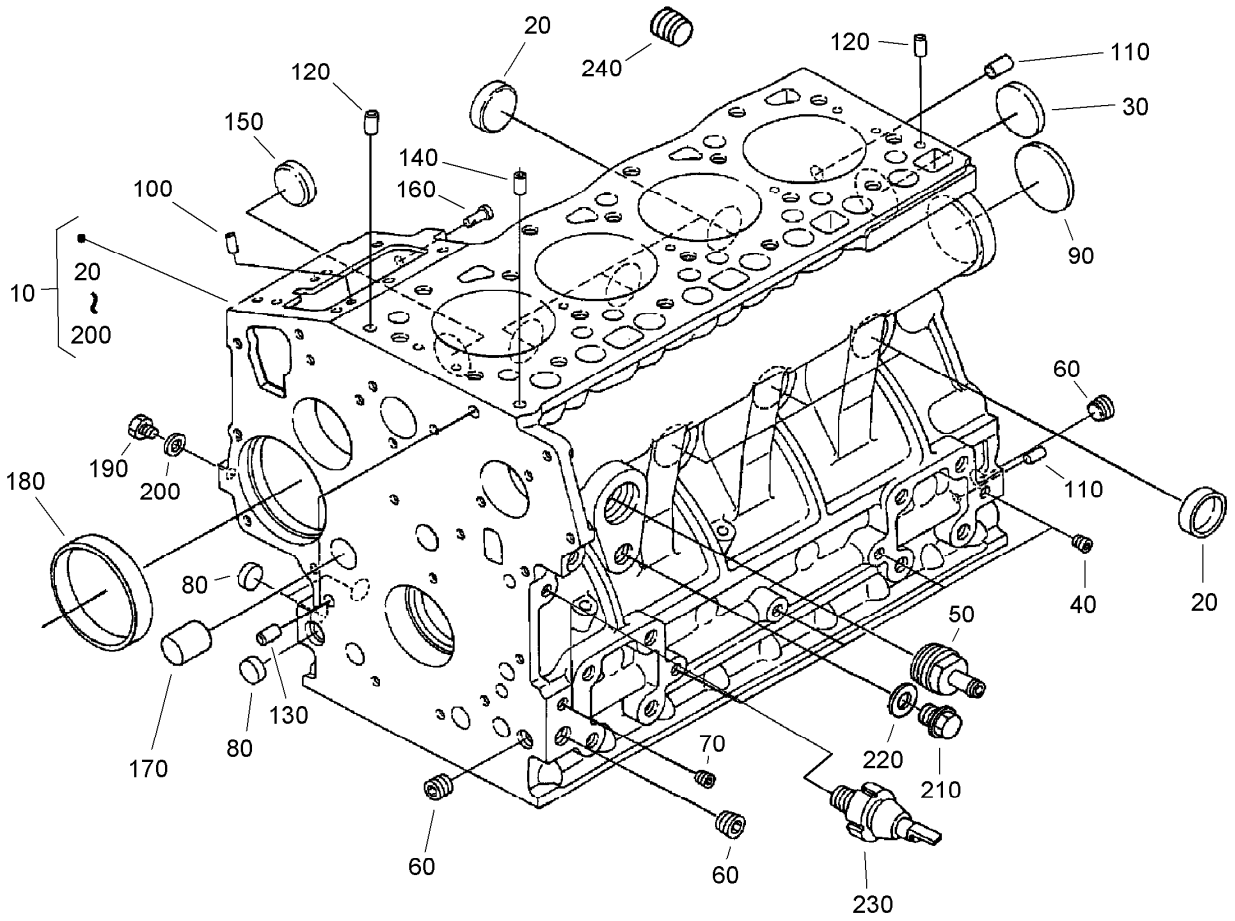
Ref.	Part Number	Qty.	Description
15	108-9455	1	Harness-Wire, Fusible Link
16	99-7435	2	Relay
17	99-7430	1	Relay-Mini
18	110-9047	1	Harness-Wire, Main
19	3290-321	2	Screw-HWH
20	3296-2	2	Nut-Lock, NI
21	3234-13	1	Screw-HHF
22	3296-42	1	Nut-Lock, NI
50	108-6715	1	Gauge Bar ASM
50:2	32122-54	2	Screw-Head, Truss
50:3	108-6714	1	Stud-Weld
50:4	32103-3	3	Nut-Wing
50:5	108-6712	1	Decal-Gauge, Bar



Hood and Body Panel Assembly

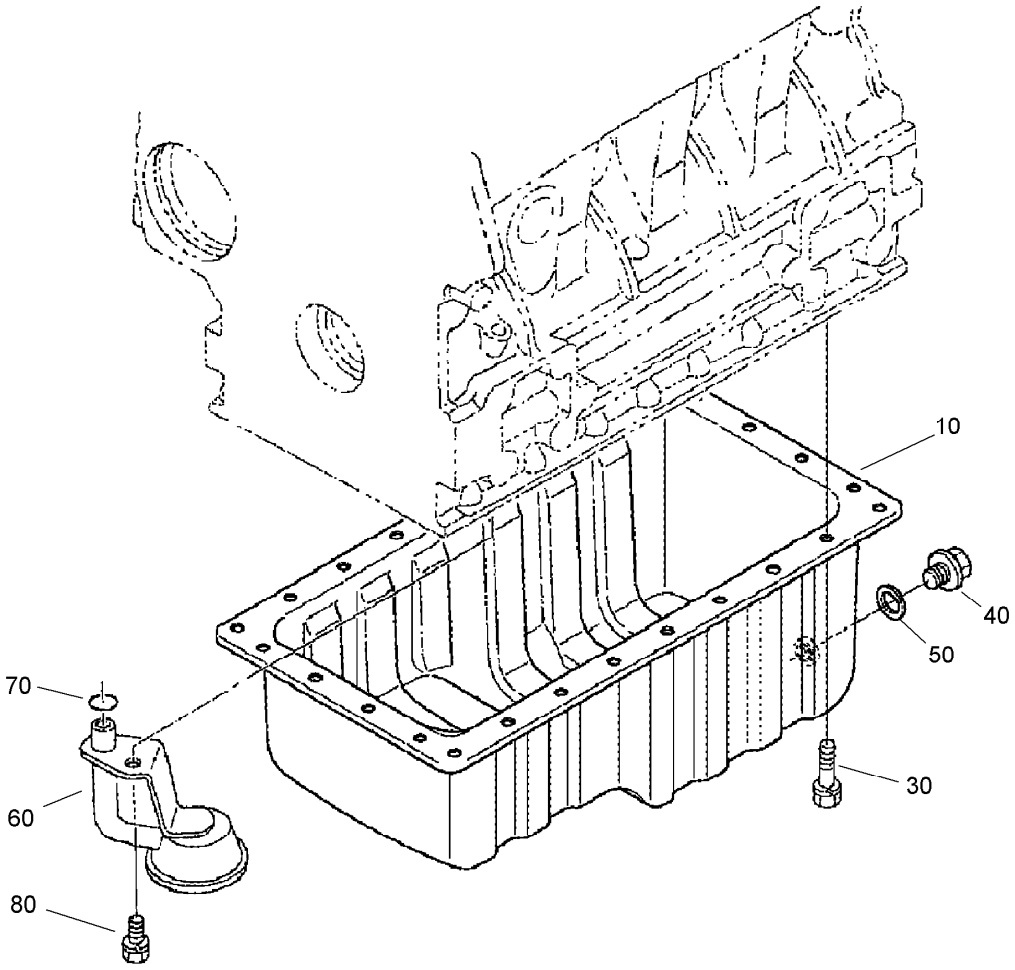
Ref.	Part Number	Qty.	Description
1	110-0965	2	Decal
2	108-7587	1	Saddle-Hood
3	110-8995	1	Hood ASM
3:2	106-6754	1	Decal-Danger
3:3	110-8948	1	Foam-Hood
3:4	110-8947	2	Foam-Hood
3:5	110-8949	4	Seal-Foam
3:6	110-9002	1	Foil Tape Kit
4	103-2897	2	Latch-Catch
5	103-2898	2	Latch-Rubber
6	110-5277-03	1	Frame-Hood
7	105-7512	2	Pin-Tie, Bow
8	66-6140	2	Decal
9	108-1790-03	2	Tube
10	32104-17	8	Screw-HWH
11	3234-21	10	Screw-HHF
13	104-7201	10	Nut-HF, NI
14	32105-13	4	Screw-HWH
15	3256-14	4	Washer-Flat

Ref.	Part Number	Qty.	Description
16	3296-12	4	Nut-Lock, NI
17	283-61	2	Pin-Yoke
19	107-8042	2	Bumper-Rubber
20	98-5398	1	Latch
21	110-0979-03	2	Bracket-Deflector
22	110-8999	1	Guard-Muffler
23	32104-32	12	Screw-HWH
24	104-1453	1	Grommet
28	93-6689	2	Decal-No Riders
29	110-8946	2	Clamp-Frame, Radiator
30	3234-5	6	Screw-HHF
31	104-8300	6	Nut-HF, NI
32	110-5259-03	2	Bracket-Hood, Guide
33	110-5253-01	1	Adapter-Hood, LH
34	110-5256-01	2	Bracket-Latch, Hood
36	110-5254-01	1	Adapter-Hood, RH
38	110-8950	2	Seal-Foam
40	3234-33	2	Screw-HHF
41	99-4958	1	Spacer



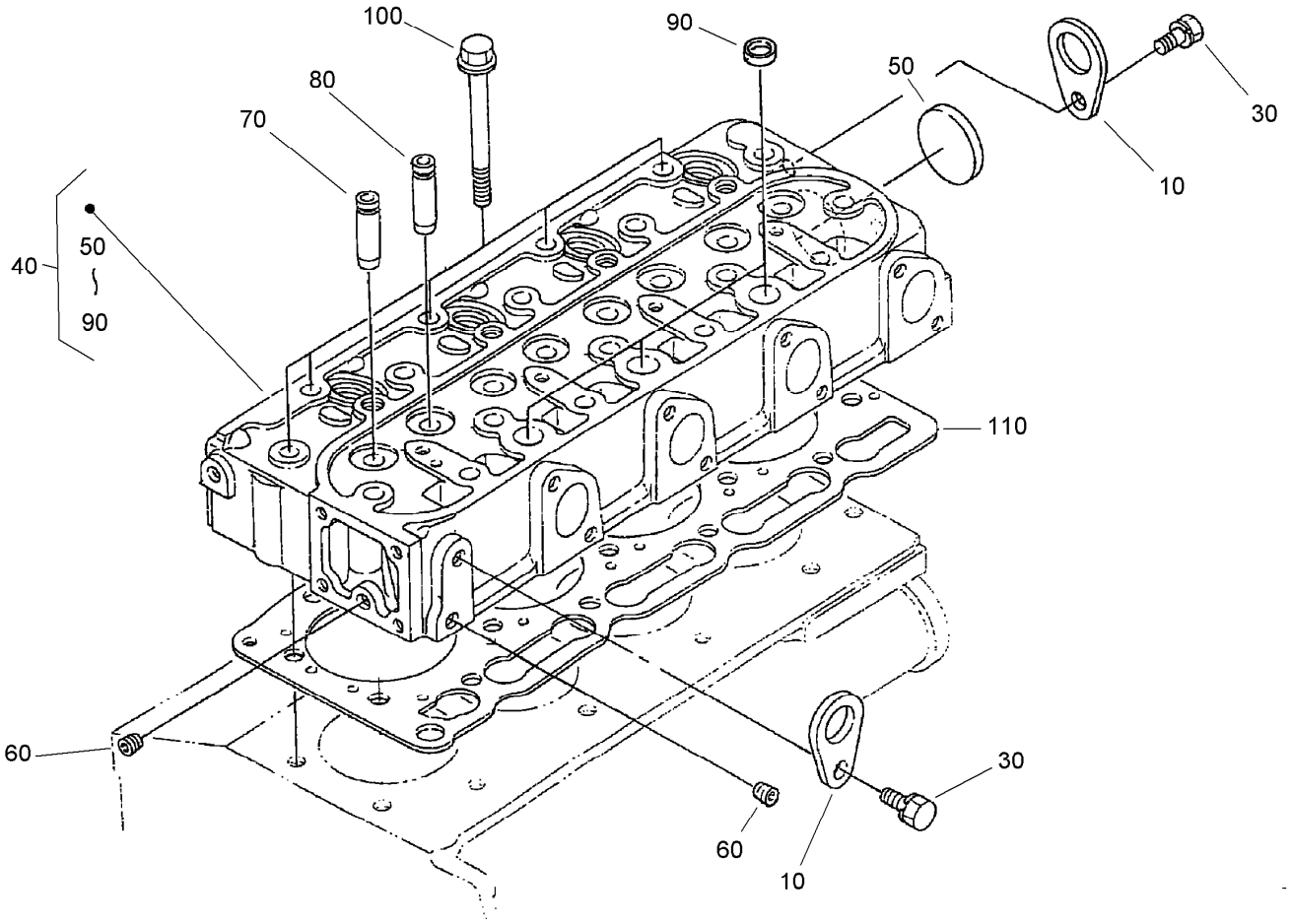
Crankcase Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	115-4115	1	Crankcase ASM
20	98-9398	6	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-7540	4	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-Expansion
100	98-9375	1	Pin-Straight
110	98-9377	1	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	105-3796	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	99-3447	1	Plug
220	106-7056	1	Gasket
230	98-9416	1	Switch-Oil
240	98-9444	1	Plug



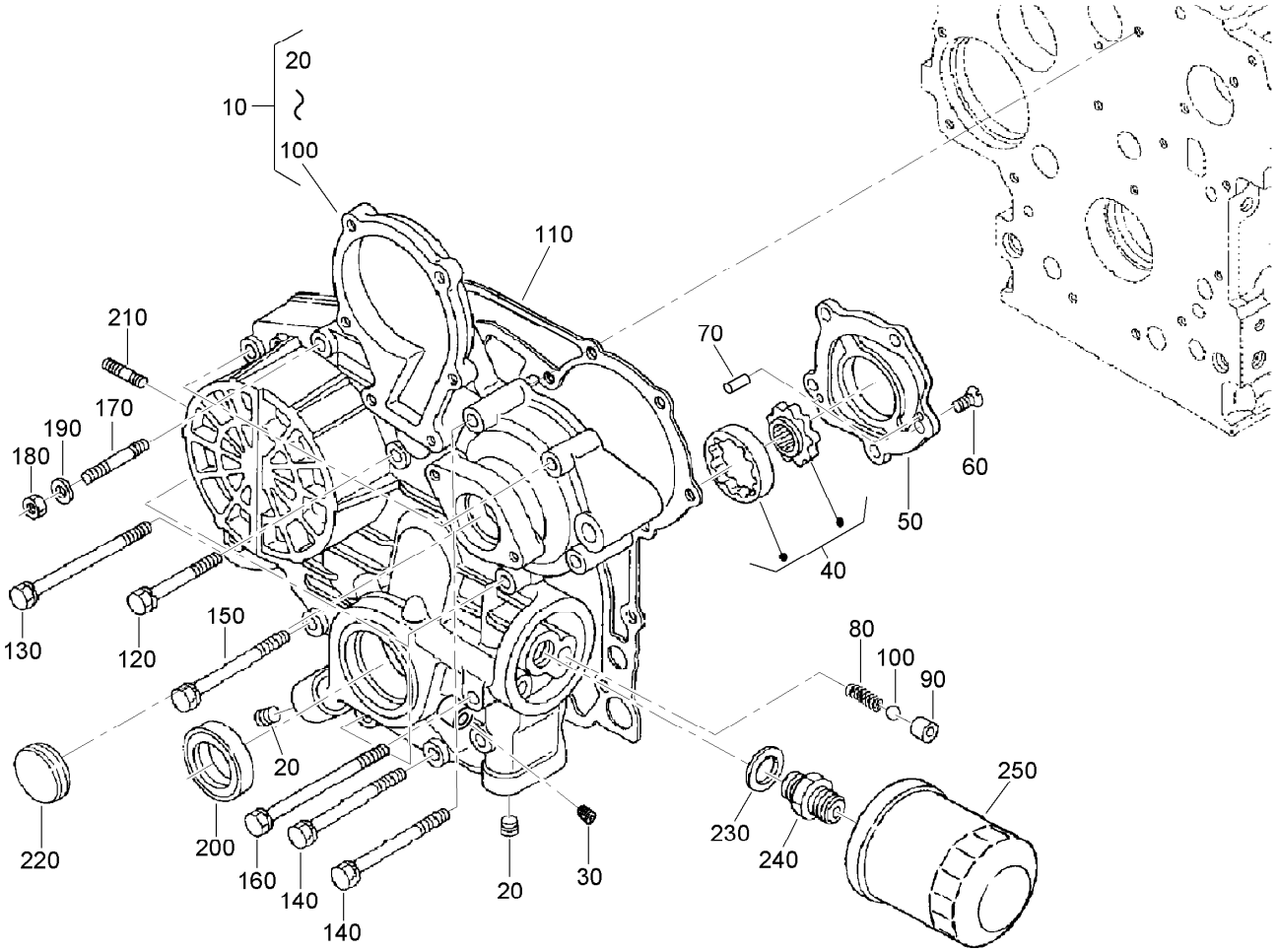
Oil Pan Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	112-0186	1	Oil Pan ASM
30	107-9065	26	Bolt
40	108-6572	1	Plug-Drain
50	110-3704	1	Gasket
60	105-3704	1	Filter-Oil
70	105-3776	1	O-Ring
80	98-7526	1	Bolt



Cylinder Head Assembly

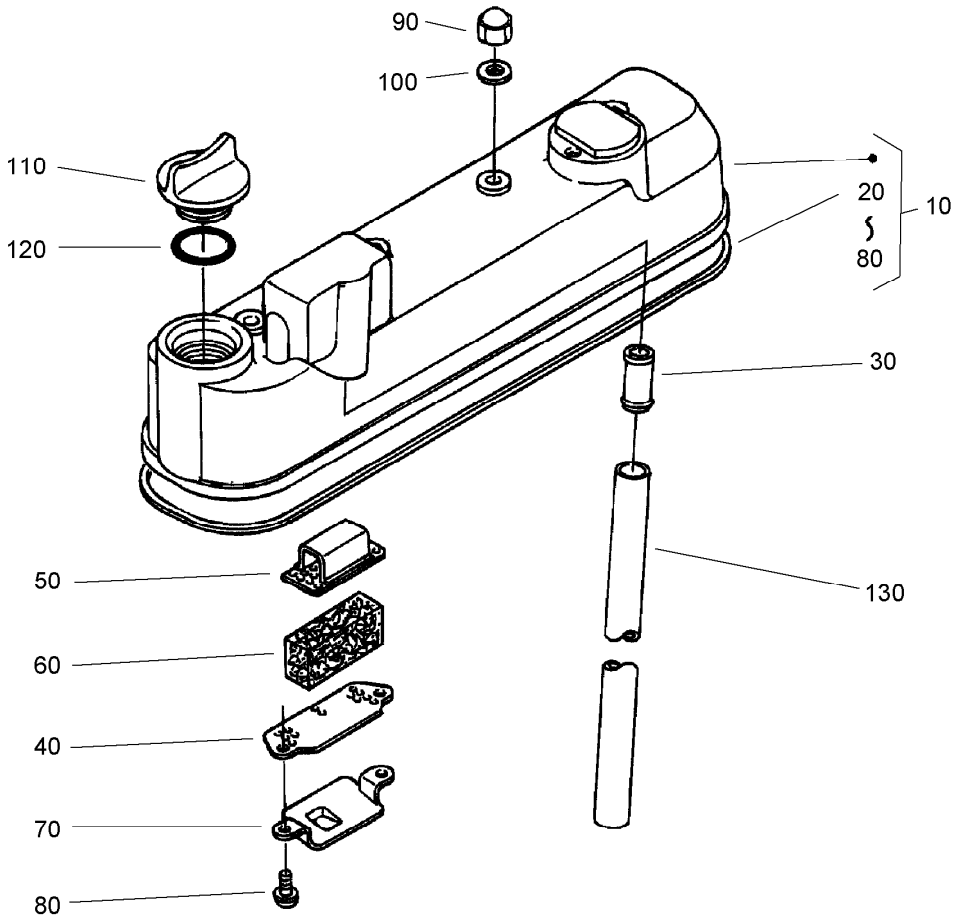
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7531	2	Hook-Engine
30	100-9195	2	Bolt
40	108-4421	1	Cylinder Head ASM
50	98-9395	1	*obs* Cap-Sealing
60	98-7540	2	Plug
70	107-9066	4	Guide-Valve, Inlet
80	107-9067	4	Guide-Valve, Exhaust
90	98-9389	3	Cap-Sealing
100	98-9479	18	Bolt-Head, Cylinder
110	108-2855	1	Gasket-Head, Cylinder



Gear Case Assembly

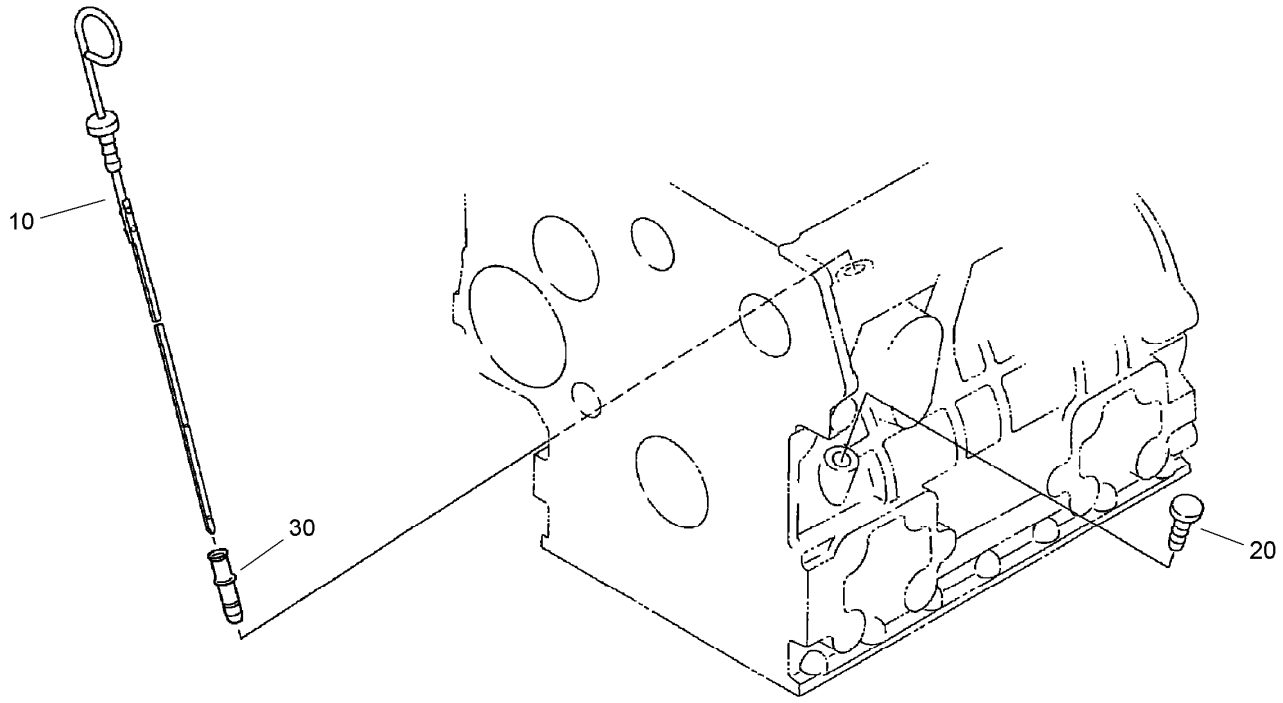
Ref.	Part Number	Qty.	Description
10	105-3707	1	Case-Gear, Complete
20	98-9598	5	Plug
30	98-7487	1	Plug
40	98-9540	1	Oil Pump Rotor ASM
50	105-3708	1	Cover-Pump, Oil
60	107-9071	1	Screw
70	107-9072	1	Pin-Straight
80	98-9544	1	Spring
90	98-9543	1	Seat-Valve
100	98-9380	1	Ball
110	98-9633	1	Gasket-Case, Gear
120	98-7496	3	Bolt
130	105-3797	4	Bolt

Ref.	Part Number	Qty.	Description
140	98-9356	2	Bolt
150	98-9437	1	Bolt
160	98-9437	2	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	1	Stud
220	98-9641	1	Cover-Case, Gear
230	98-9727	1	Collar
240	104-5159	1	Holder ASM
250	108-3841	1	Filter-Oil



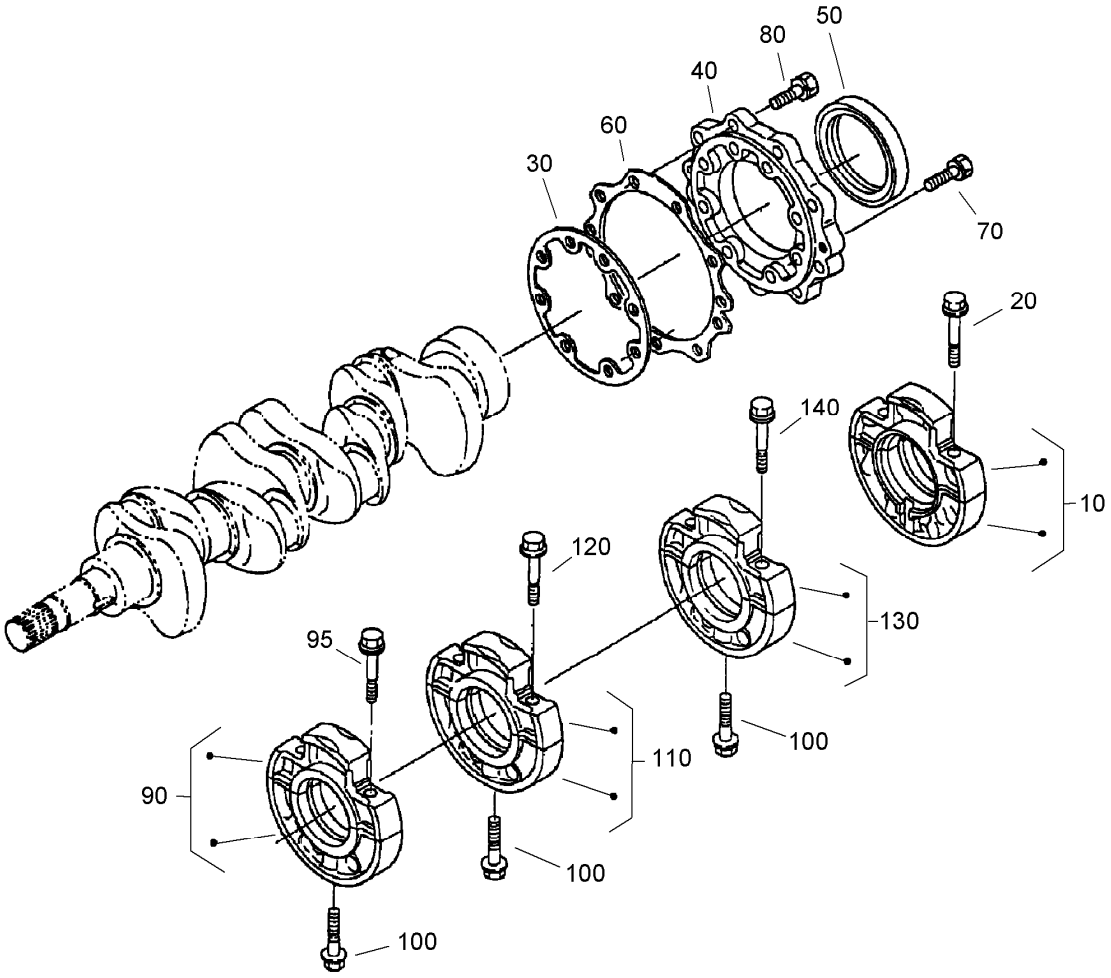
Head Cover Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3711	1	Cylinder Head Cover ASM
20	105-3712	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	98-7421	2	Screw W/Washer
90	98-9455	4	Nut-Cap
100	98-9454	4	Gasket
110	107-9075	1	Plug-Filler, Oil
120	99-3446	1	O-Ring
130	98-9491	1	Pipe-Breather



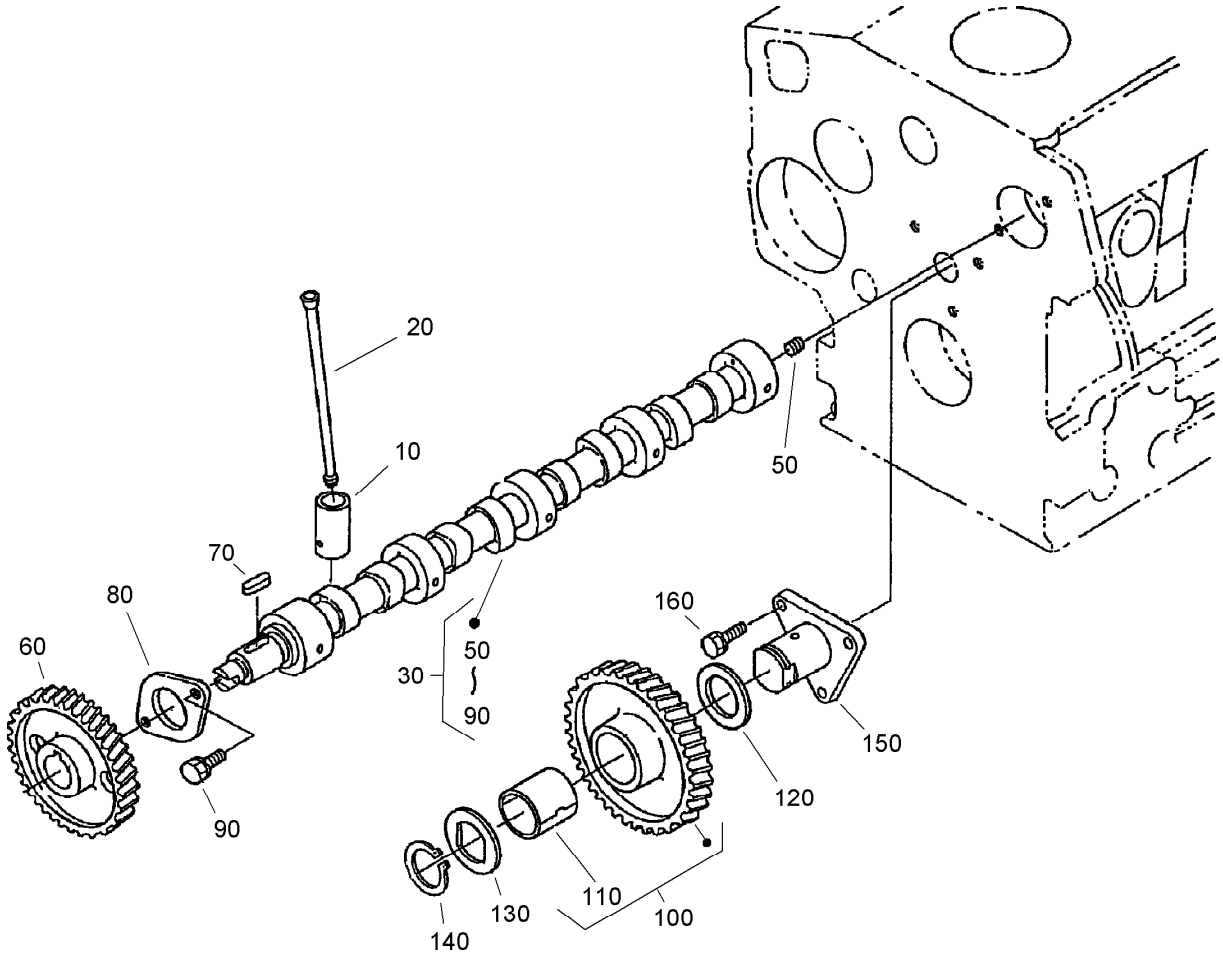
Oil Plug and Dipstick Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3714	1	Gauge-Oil
20	110-3720	1	Plug-Gauge, Oil
30	105-3713	1	Guide-Gauge, Oil



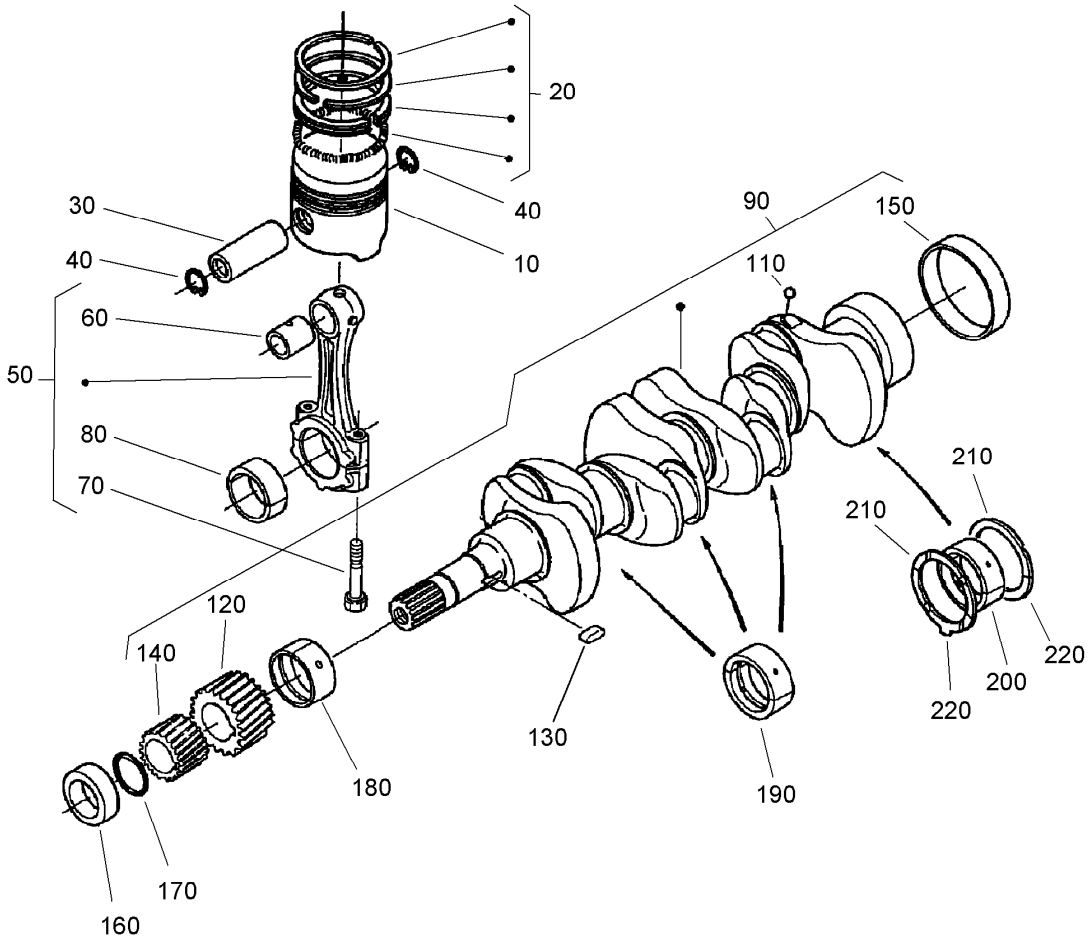
Main Bearing Case Assembly

Ref.	*Part Number*	*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	112-0180	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
95	98-9484	2	Bolt-Case, Bearing
100	98-9485	3	Bolt-Case, Bearing
110	99-8360	1	Case-Bearing, Main
120	98-9484	2	Bolt-Case, Bearing
130	105-3716	1	Main Bearing Case ASM
140	98-9484	2	Bolt-Case, Bearing



Cam Shaft and Idle Gear Shaft Assembly

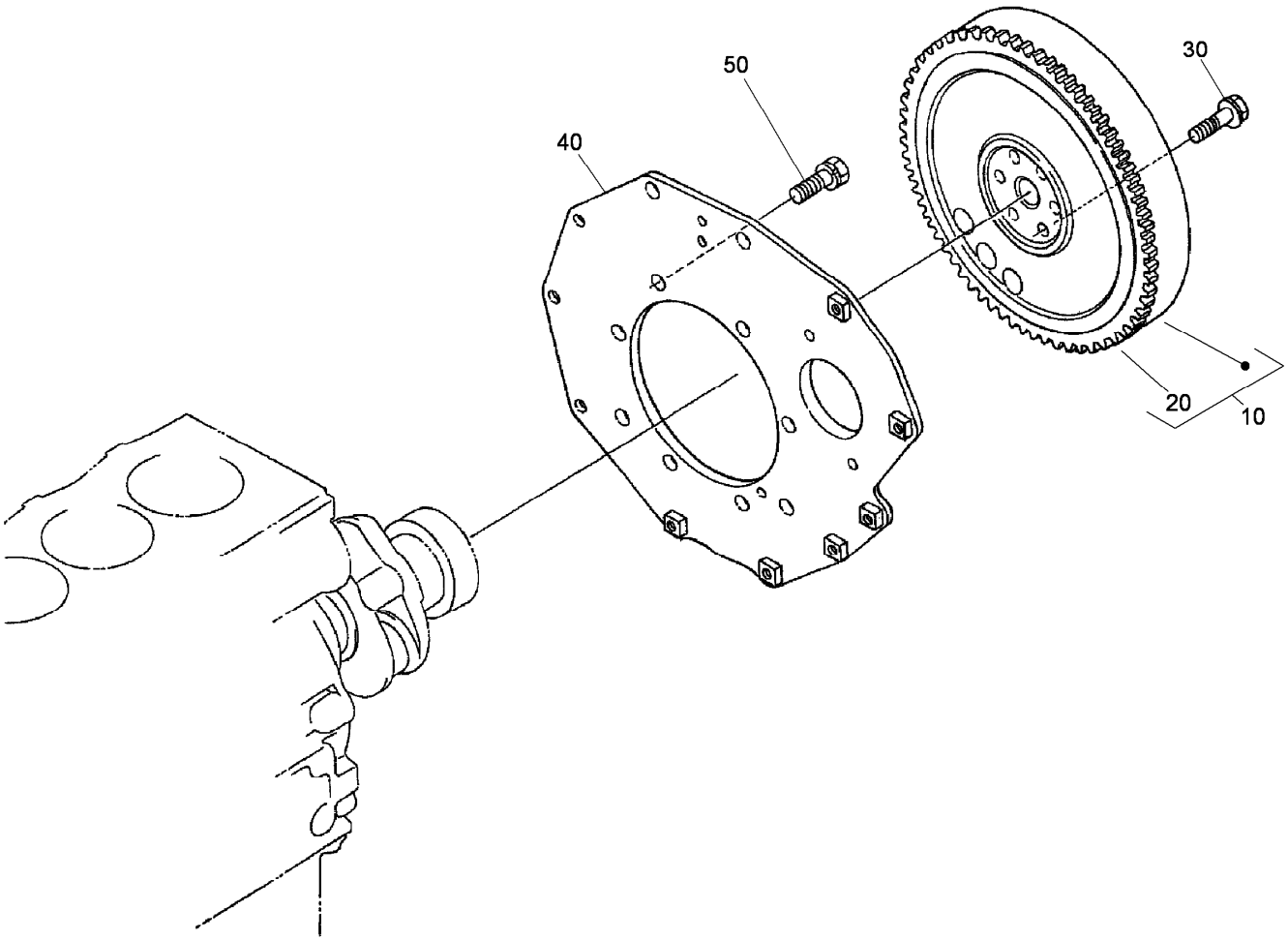
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	112-8402	1	Camshaft ASM
50	98-7449	1	Screw-Set
60	98-9512	1	Gear-Cam
70	98-9378	1	Key-Feather
80	98-9510	1	Stopper-Camshaft
90	98-7692	2	Bolt
100	98-9649	1	Idle Gear ASM
110	98-9650	1	Bushing-Gear, Idle
120	98-9535	1	Collar-Gear, Idle
130	98-9536	1	Collar-Gear, Idle
140	98-9534	1	Circlip-Gear, Idle
150	98-9533	1	Shaft-Gear, Idle
160	98-7692	3	Bolt



Piston and Crankshaft Assembly

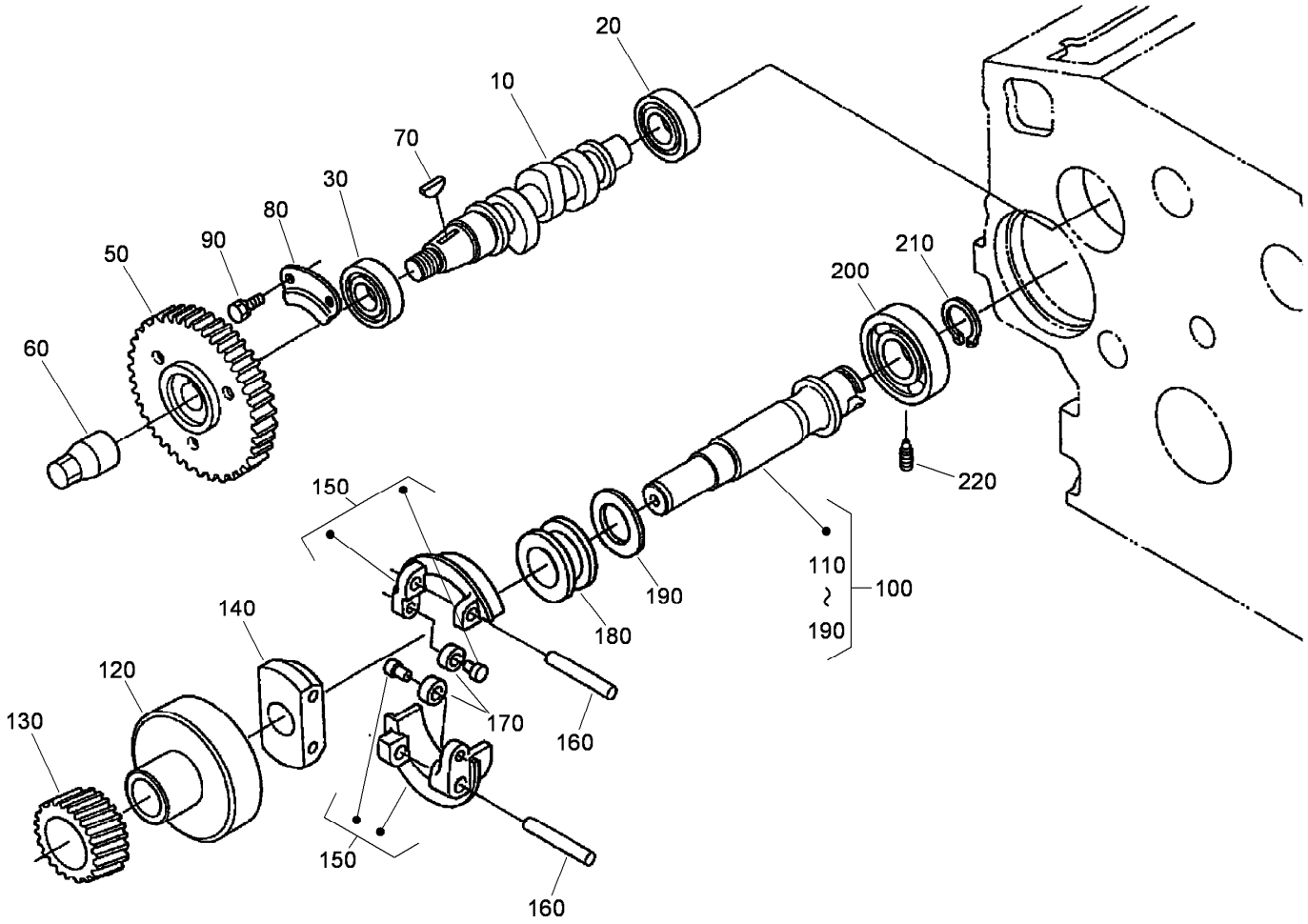
Ref.	Part Number	Qty.	Description
10	98-9550	4	Piston (STD)
10	108-1417	4	Piston (+0.5MM)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (+0.5MM)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	98-9552	4	Connecting Rod ASM
60	98-9515	4	Bushing-Pin, Piston
70	98-9517	8	Bolt-Rod, Connecting
80	98-9553	4	Bearing-Rod (STD)
80	108-1405	4	Metal-Crankpin (-0.2MM)
80	108-1406	4	Metal-Crankpin (-0.4MM)
90	105-3718	1	Crankshaft ASM
110	98-7473	4	Ball
120	98-9532	1	Gear-Crankshaft
130	98-9666	1	Key
140	98-9542	1	Gear-Drive, Oil Pump
150	98-9522	1	Sleeve-Crankshaft

Ref.	Part Number	Qty.	Description
160	98-9521	1	Collar-Crankshaft
170	98-9373	1	O-Ring
180	112-7005	1	Bearing-Main (STD)
180	112-7009	1	Metal-Crankpin (-0.2MM)
180	112-7010	1	Metal-Crankpin (-0.4MM)
190	112-7011	3	Bearing-Main (STD)
190	112-7012	3	Metal-Crankpin (-0.2MM)
190	112-7013	3	Metal-Crankpin (-0.4MM)
200	112-7006	1	Bearing-Main (STD)
200	112-7007	1	Metal-Crankshaft (.2MM)
200	112-7008	1	Metal-Crankshaft (.4MM)
210	99-6864	2	Metal-Side (STD)
210	98-9414	2	Bearing-Thrust (0.2MM)
210	98-9415	2	Bearing-Thrust (0.4MM)
220	99-6867	2	Metal-Side (STD)
220	99-6868	2	Metal-Side, O/S (0.2MM)
220	99-6869	2	Metal-Side, O/S (0.4MM)



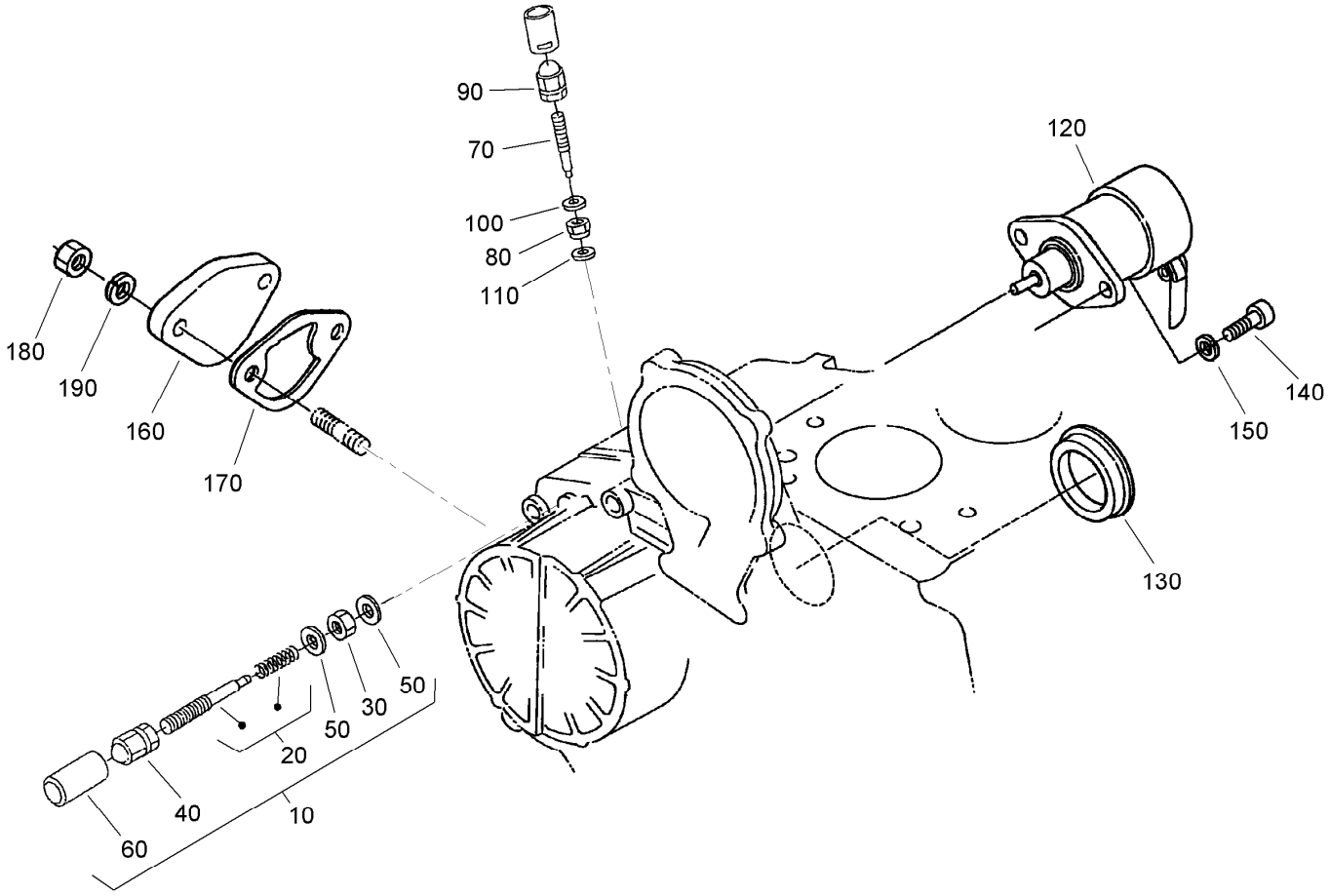
Flywheel Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3721	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



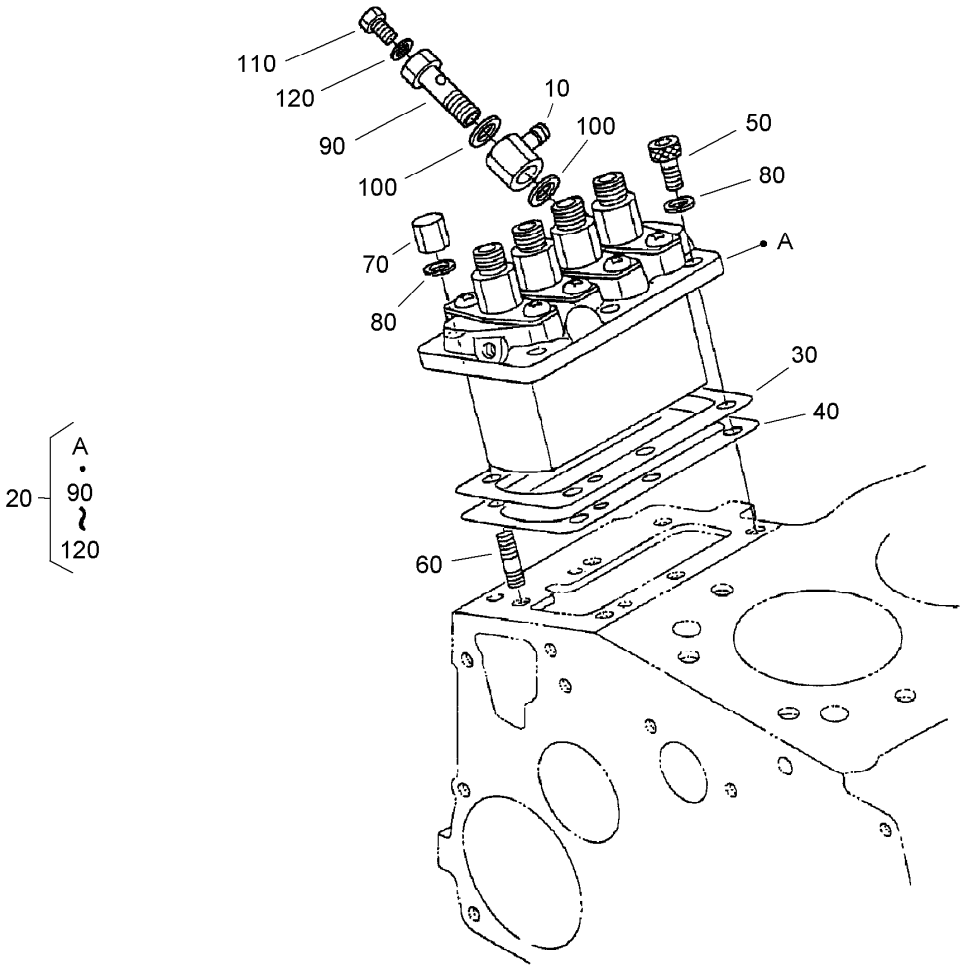
Fuel Camshaft and Governor Shaft Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3723	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
50	98-9669	1	Gear-Pump, Injection
60	98-9590	1	Nut-Cap
70	98-9595	1	Key-Woodruff
80	98-9511	1	Stopper-Fuel, Camshaft
90	98-7692	2	Bolt
100	105-3724	1	Governor Shaft ASM
110	105-3725	1	Shaft-Governor
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	Circlip-Shaft, Governor
220	98-9565	1	Screw-Set



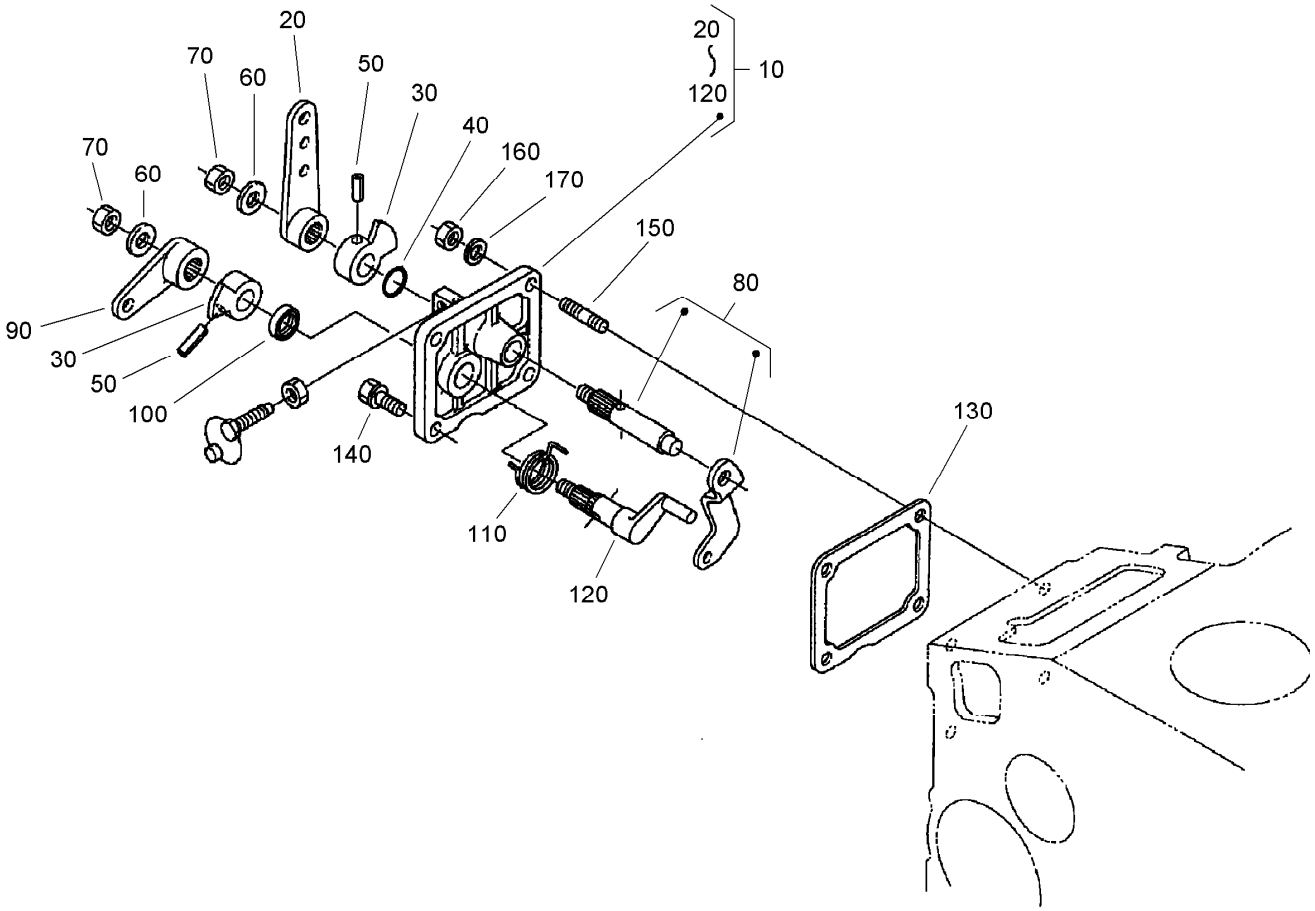
Idle Apparatus and Stop Solenoid Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9678	1	Idle Apparatus ASM
20	104-4802	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	112-7015	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	98-9640	1	Cover-Pump
140	105-3799	2	Bolt-HSH
150	98-7699	2	Washer-Spring
160	99-3514	1	Cover
170	98-9636	1	Gasket-Pump, Fuel
180	98-7572	2	Nut
190	98-7699	2	Washer-Spring



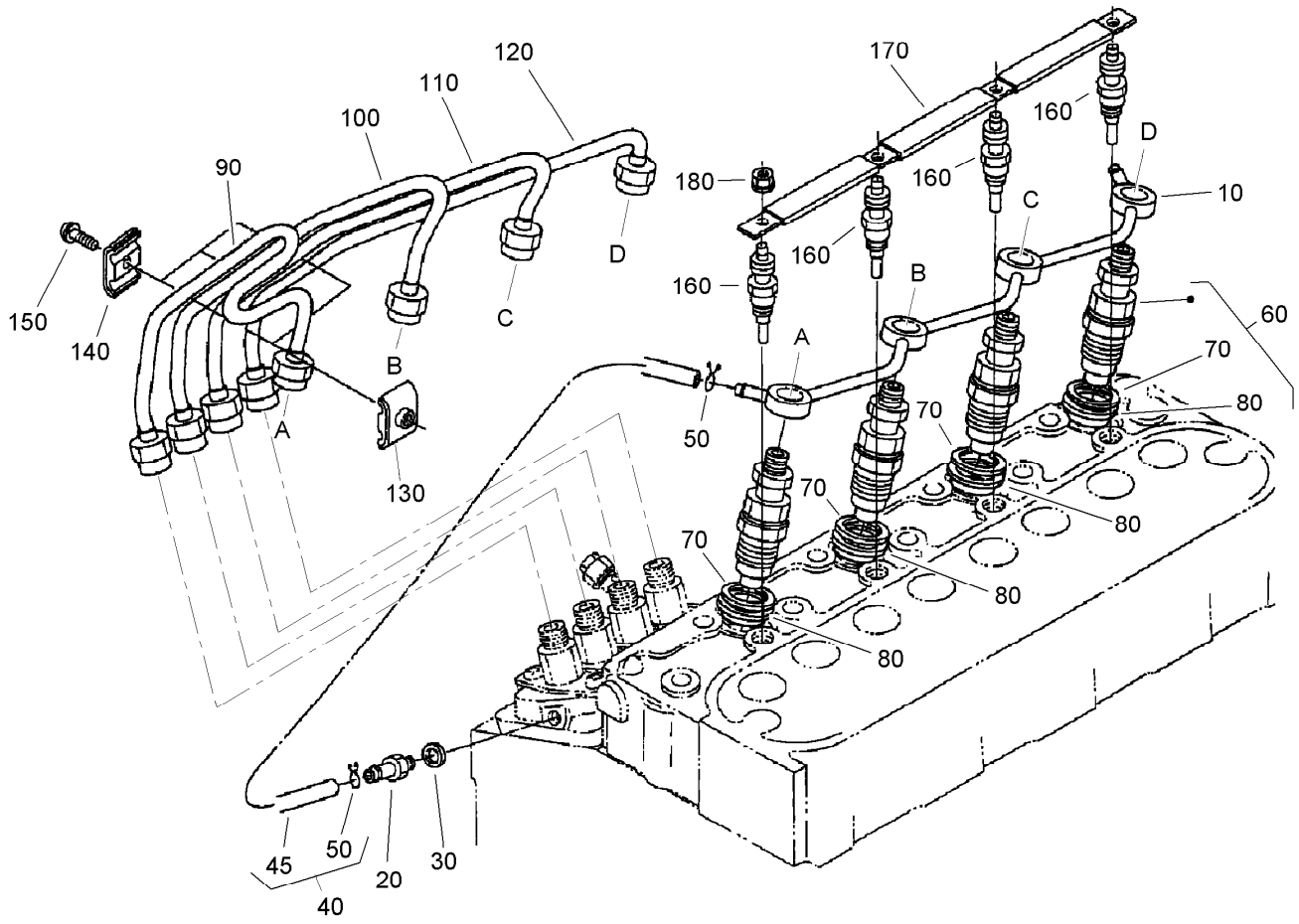
Injection Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9596	1	Joint-Eye
20	105-3727	1	Injection Pump ASM
30	105-3728	1	Shim-Pump, Injection (.20MM)
30	105-3729	1	Shim-Pump, Injection (.25MM)
40	105-3730	1	Shim-Pump, Injection (.30MM)
50	98-9361	3	Bolt-HSH
60	98-9438	3	Stud
70	98-9440	3	Nut-Cap
80	98-7699	6	Washer-Spring
90	98-9464	1	Bolt-Joint
100	98-9445	2	Gasket
110	98-9430	1	Screw
120	98-9446	1	Gasket



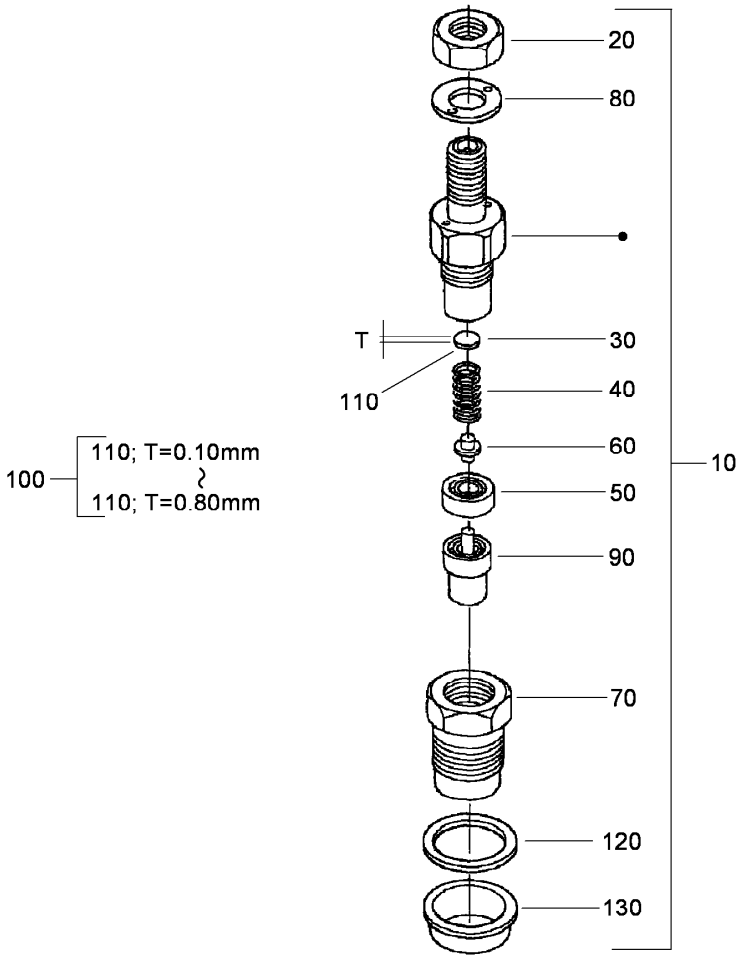
Speed Control Plate Assembly

Ref.	*Part Number*	*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	2	Bolt
150	105-3710	2	Stud
160	98-7572	2	Nut
170	98-7699	2	Washer-Spring



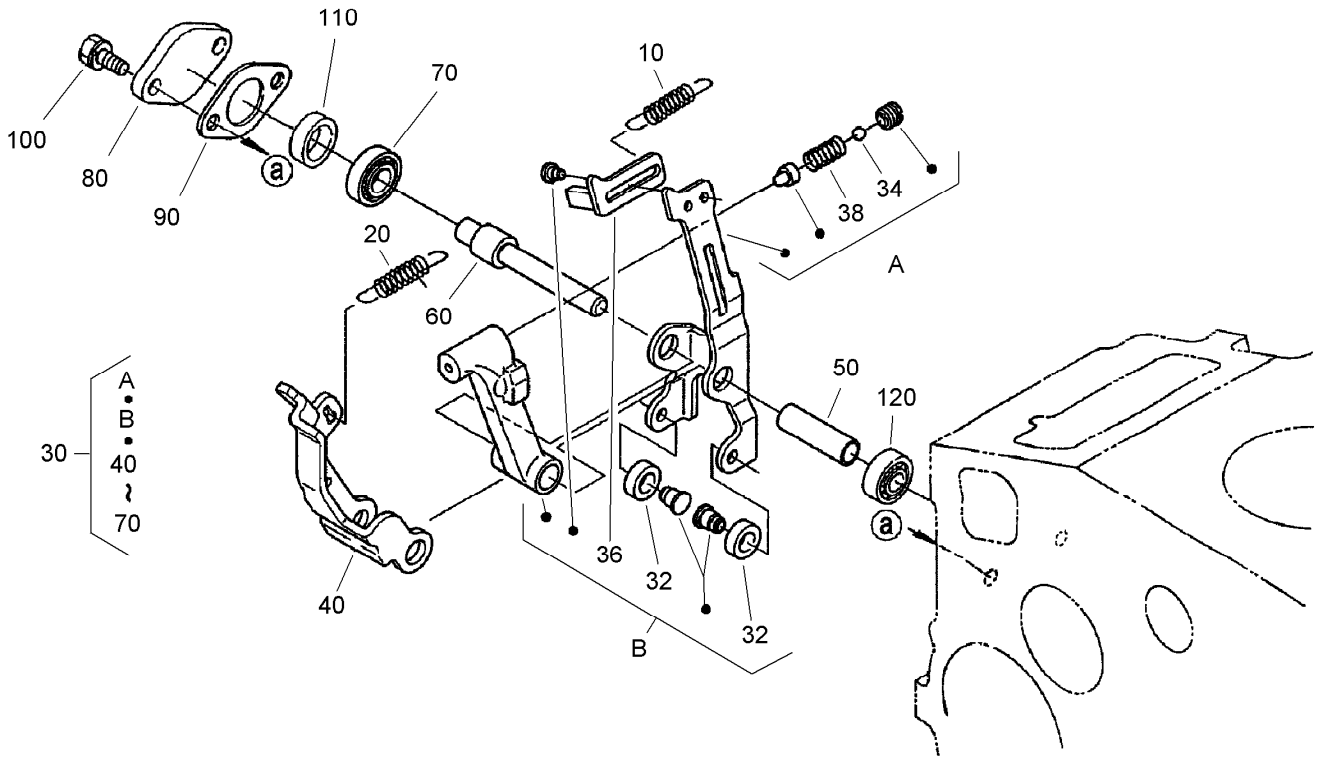
Nozzle Holder and Glow Plug Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	108-2866	4	Nozzle Holder Kit
70	98-7676	4	Gasket
80	98-7677	4	Seal-Heat
90	98-9622	1	Pipe-Injection
100	98-9654	1	Pipe-Injection
110	98-9655	1	Pipe-Injection
120	105-3738	1	Pipe-Injection
130	98-7682	3	Clamp-Pipe
140	98-7683	3	Clamp-Pipe
150	98-9364	3	Screw (With Washer)
160	98-9623	4	Plug-Glow
170	105-3739	1	Cord-Plug, Glow
180	99-8377	4	Nut-Flange



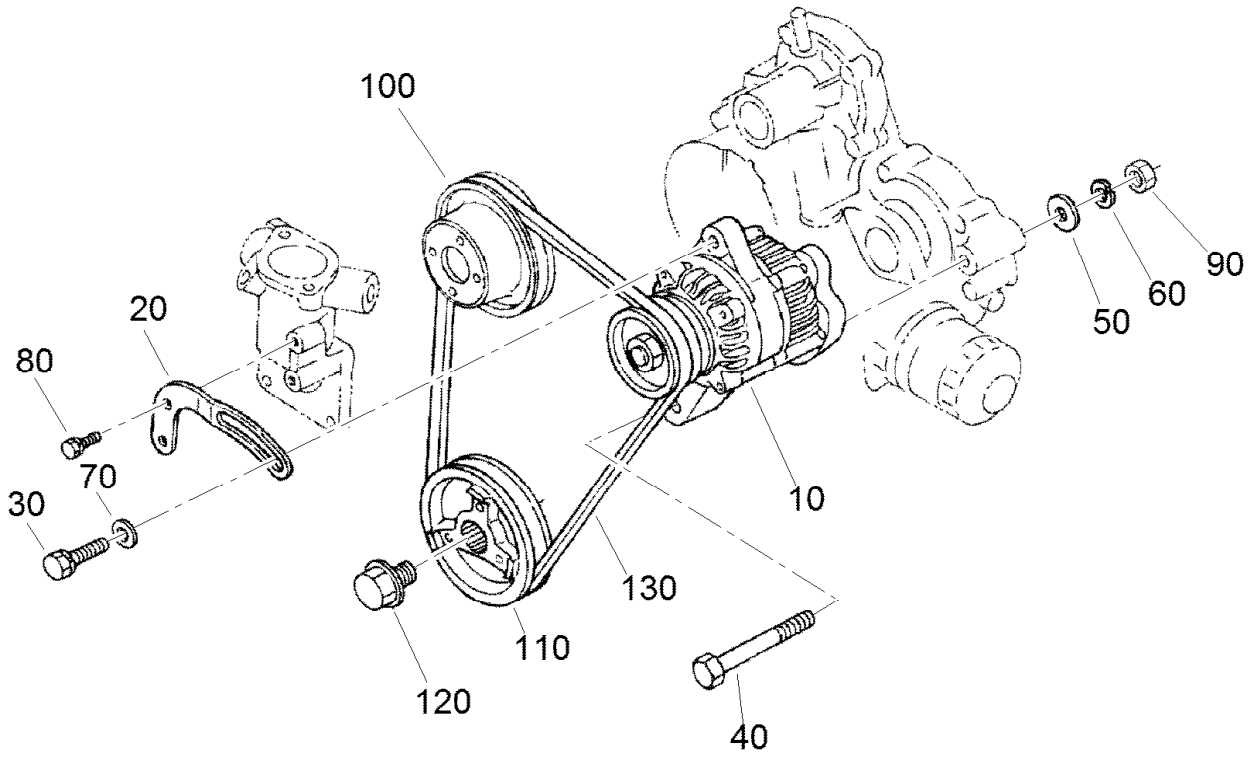
Nozzle Holder Component Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-2866	4	Nozzle Holder Kit
20	99-8301	4	Nut
30	99-8302	4	Washer-Adjusting
40	99-8303	4	Spring-Nozzle
50	99-8304	4	Spacer-Distance
60	99-8305	4	Rod-Push
70	99-8306	4	Nut-Nozzle
80	99-8307	4	Washer-Plain
90	107-7826	4	Piece-Nozzle
100	99-8309	4	Adjusting Washer ASM
110	99-8310	4	Washer-Adjust (0.10MM)
110	99-8311	4	Washer-Adjust (0.20MM)
110	99-8312	4	Washer-Adjust (0.30MM)
110	99-8313	4	Washer-Adjust (0.40MM)
110	99-8314	4	Washer-Adjust (0.50MM)
110	99-8315	4	Washer-Adjust (0.52MM)
110	99-8316	4	Washer-Adjust (0.54MM)
110	99-8317	4	Washer-Adjust (0.56MM)
110	99-8318	4	Washer-Adjust (0.58MM)
110	99-8319	4	Washer-Adjust (0.80MM)
120	98-7676	4	Gasket
130	98-7677	4	Seal-Heat



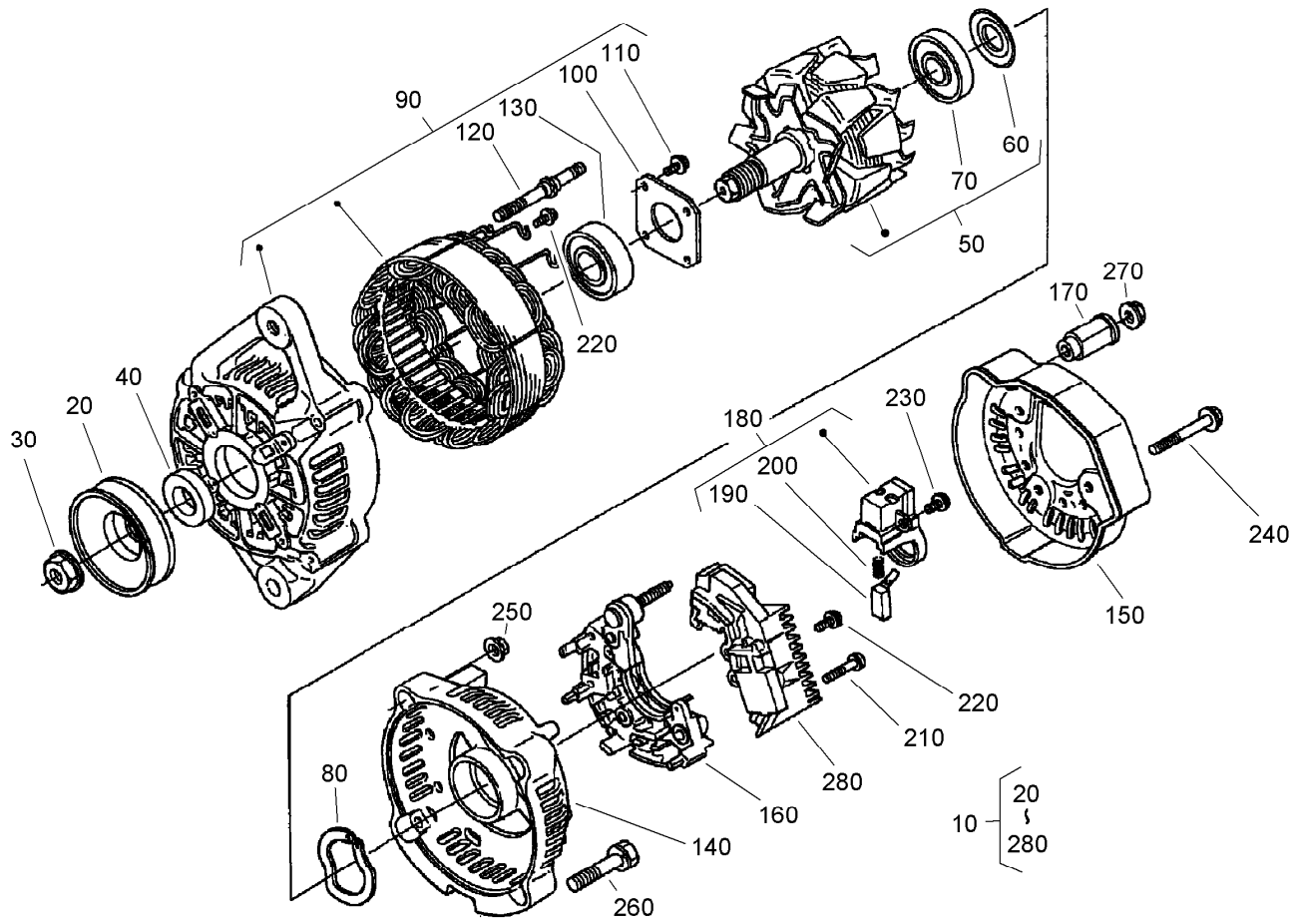
Fork Lever (Governor) Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3741	1	Spring-Start
20	98-9681	1	Spring-Governor
30	108-4427	1	Fork Lever ASM
32	98-9692	2	Roller
34	98-7580	2	Ball
36	107-9083	1	Lever-Thrust
38	108-2867	1	Spring
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	98-9350	2	Bolt
110	98-9567	1	Collar
120	98-9571	1	Bearing-Miniaturize



Alternator and Pulley Assembly

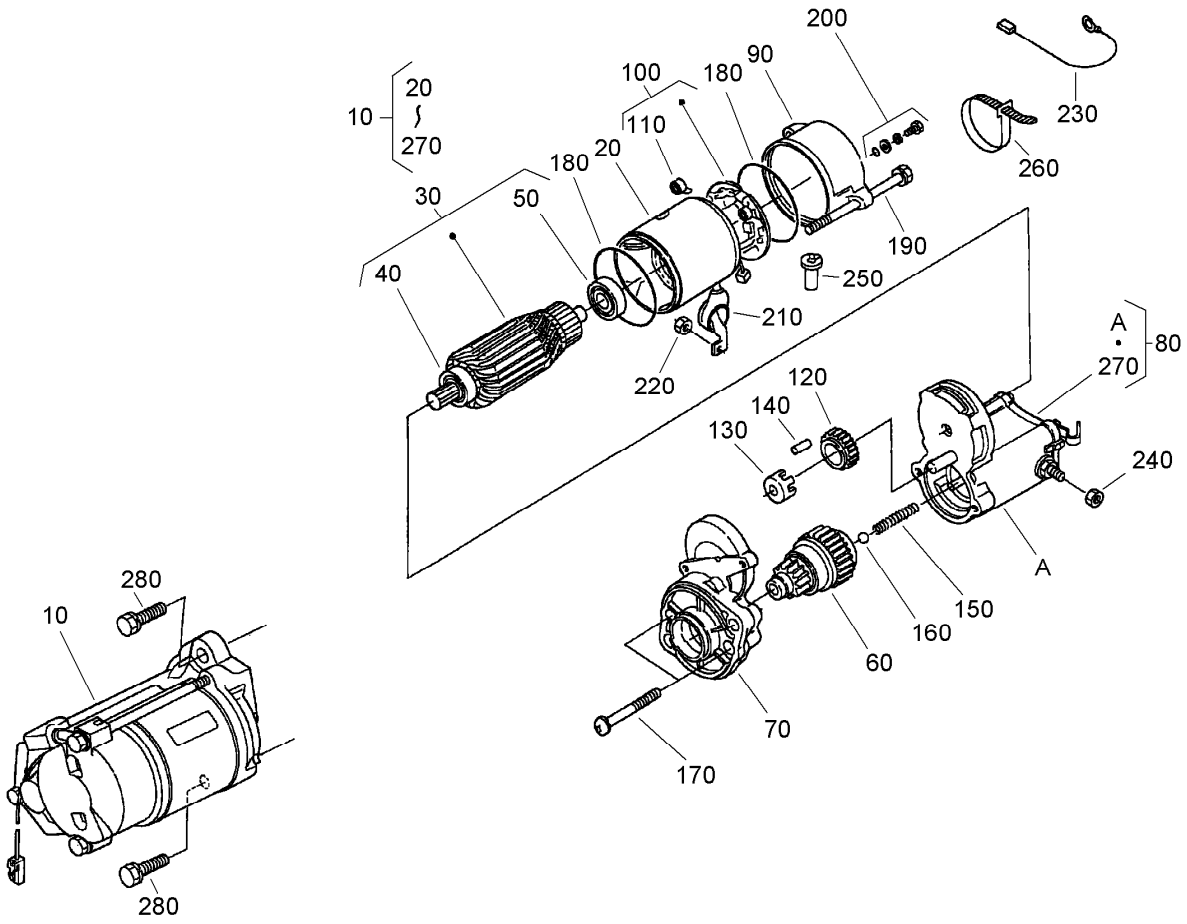
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9474	1	Alternator ASM
20	98-9573	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	33095-00	1	Washer-Flat
60	98-7738	1	Washer-Spring
70	100-9233	1	Washer-Plain
80	98-7692	1	Bolt
90	99-7526	1	Nut
100	110-0972	1	Pulley
110	105-3745	1	Pulley-Drive, Fan
120	98-9585	1	Bolt
130	98-9676	1	V-Belt



Alternator Assembly No. 98-9474

Ref.	Part Number	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 ASM
60	98-7711	1	Cover-Bearing
70	98-7712	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

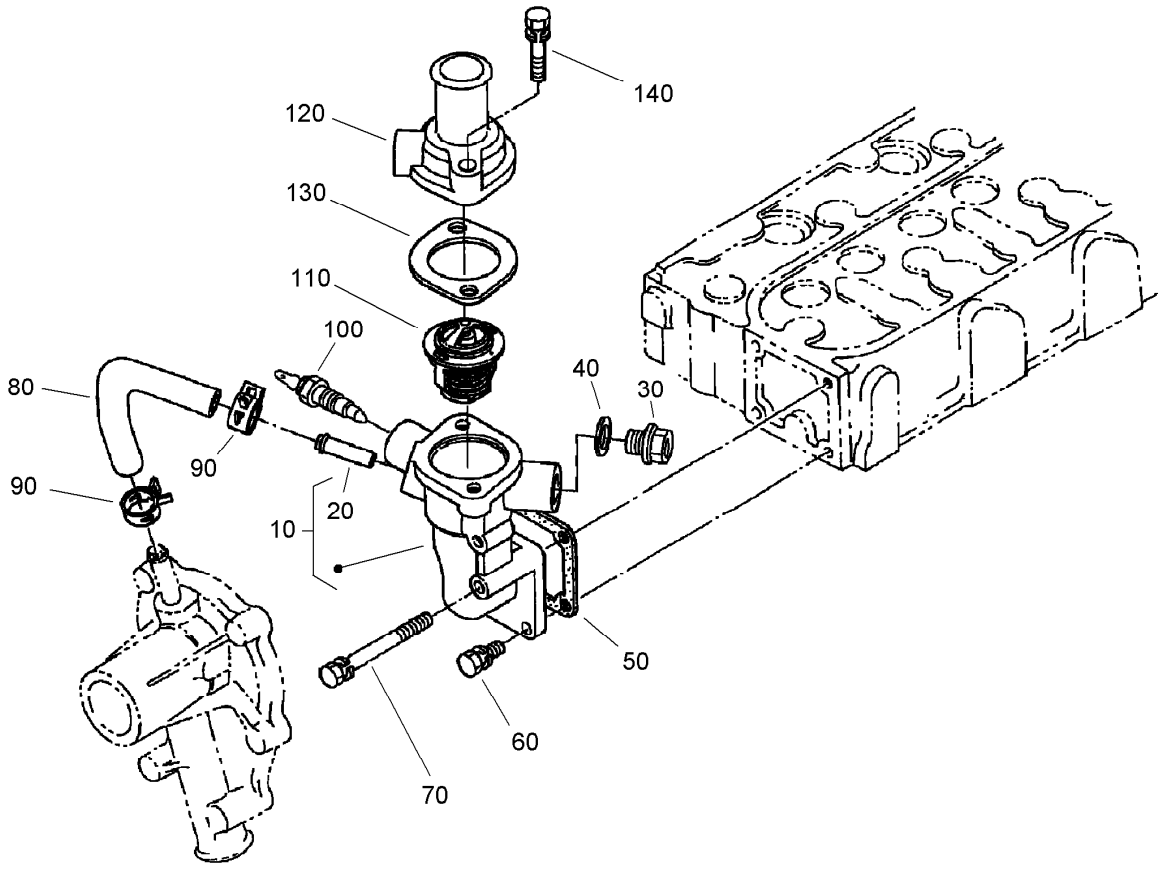
Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	107-9088	1	Regulator ASM



Starter Assembly

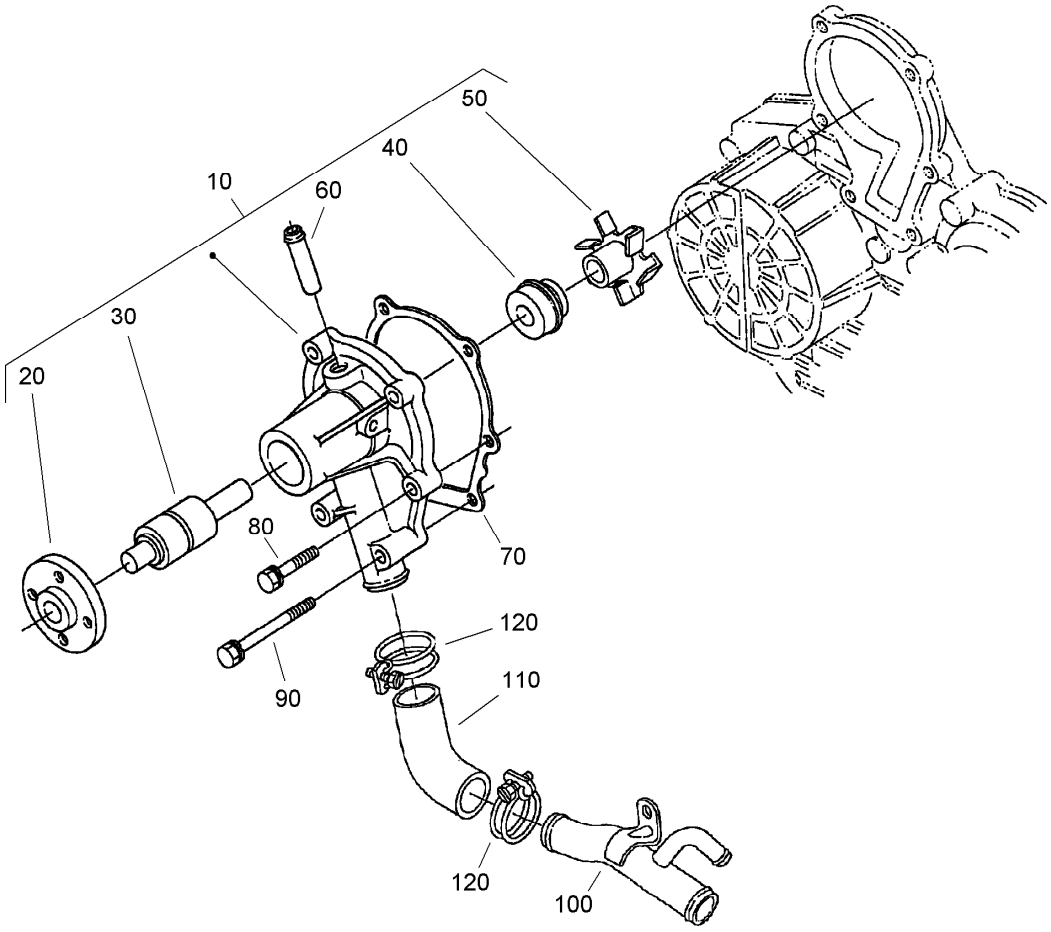
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear
130	98-7752	1	Retainer
140	98-7753	5	Roller

Ref.	Part Number	Qty.	Description
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
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM
280	98-7697	2	Bolt



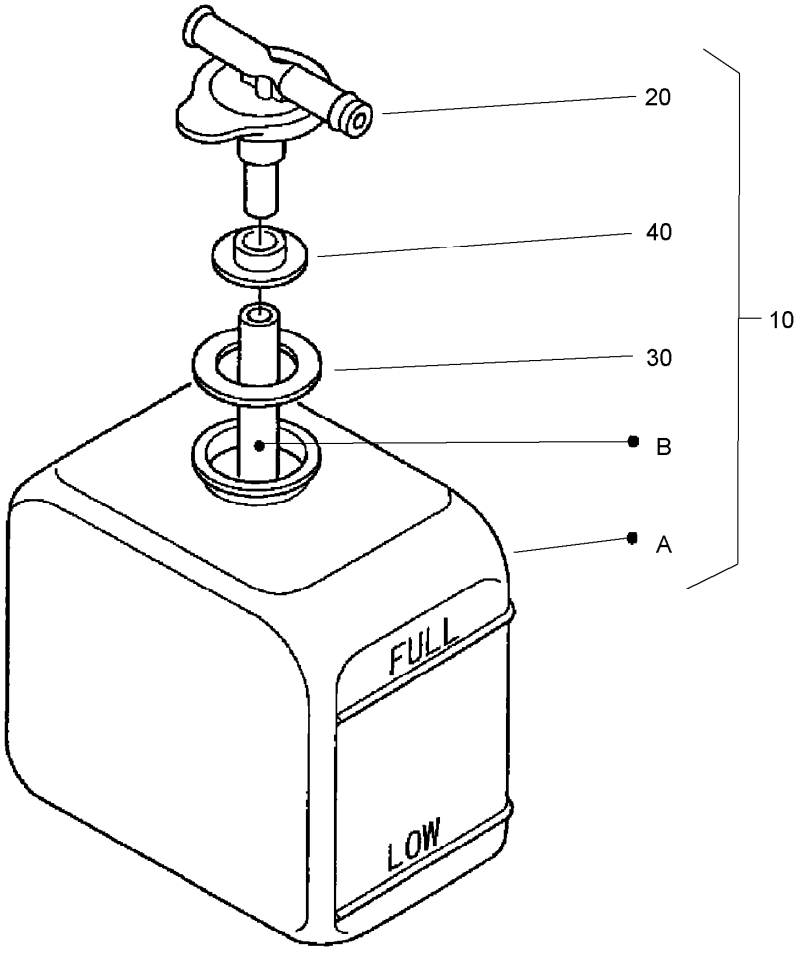
Water Flange and Thermostat Assembly

Ref.	*Part Number*	*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	Gasket
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	112-0183	1	Switch-Thermometer
110	98-7778	1	Thermostat ASM
120	98-9471	1	Cover-Thermostat
130	105-3748	1	Gasket-Thermostat
140	98-7777	2	Bolt



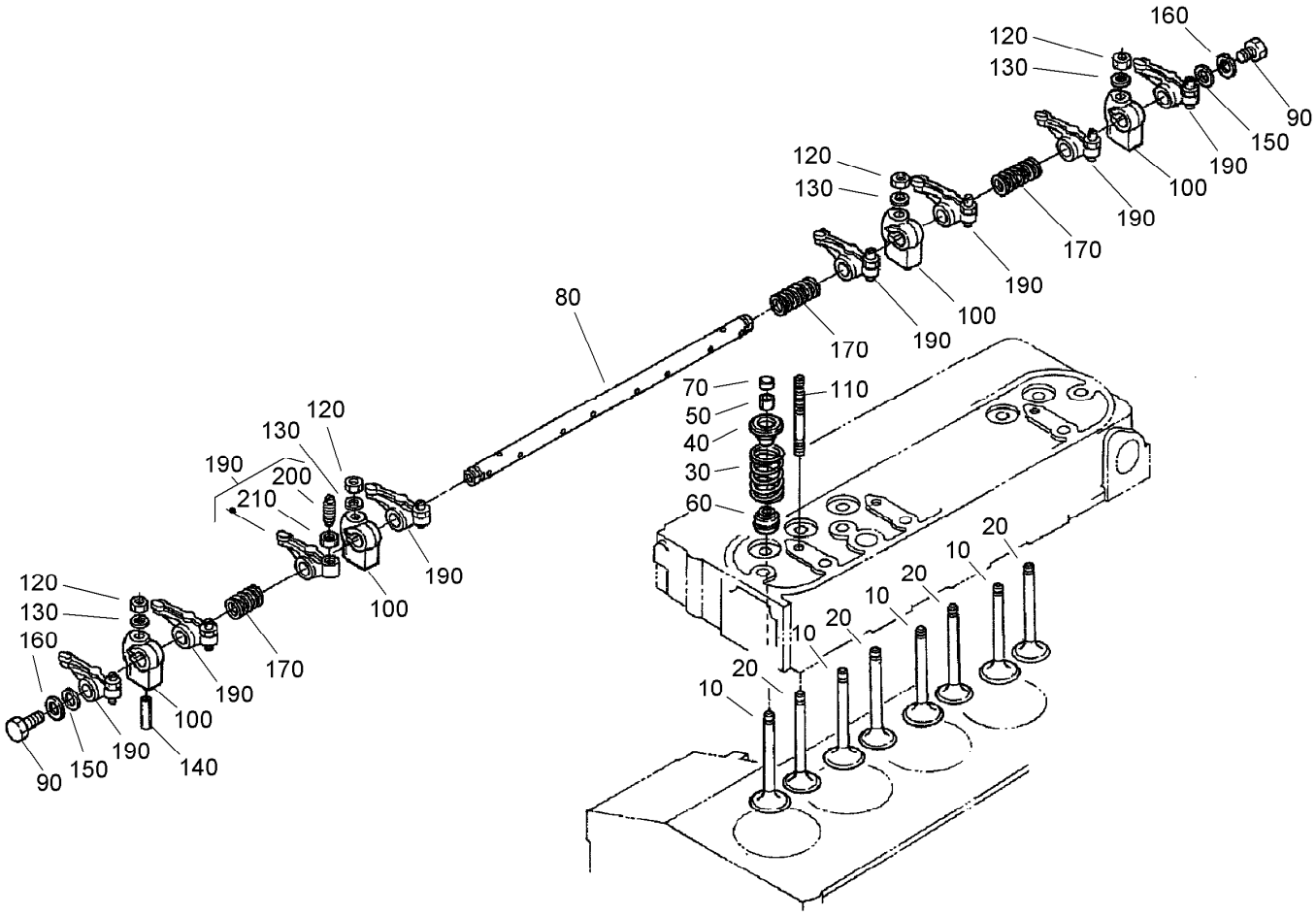
Water Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-4426	1	Water Pump ASM
20	99-3516	1	Flange-Pump, Water
30	99-3517	1	Bearing-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-7017	1	Impeller-Pump, Water
60	98-9577	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	107-9090	2	Bolt
100	99-8379	1	Pipe-Water
110	107-9091	1	Pipe-Water
120	98-9717	2	Clamp



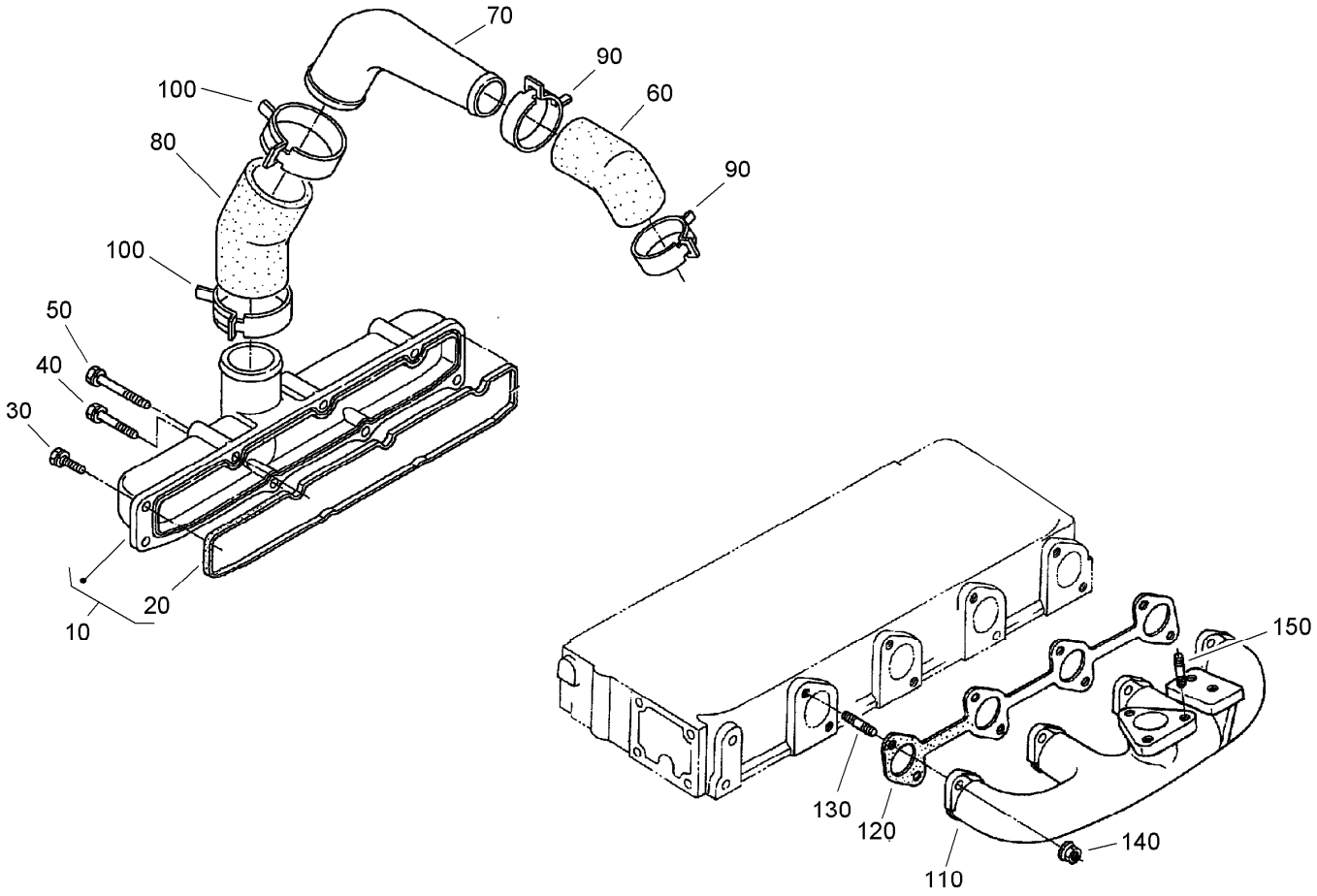
Reserve Tank Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	104-9318	1	Bottle-Overflow
20	105-3754	1	Cap
30	105-3755	1	Gasket
40	105-3756	1	Plate



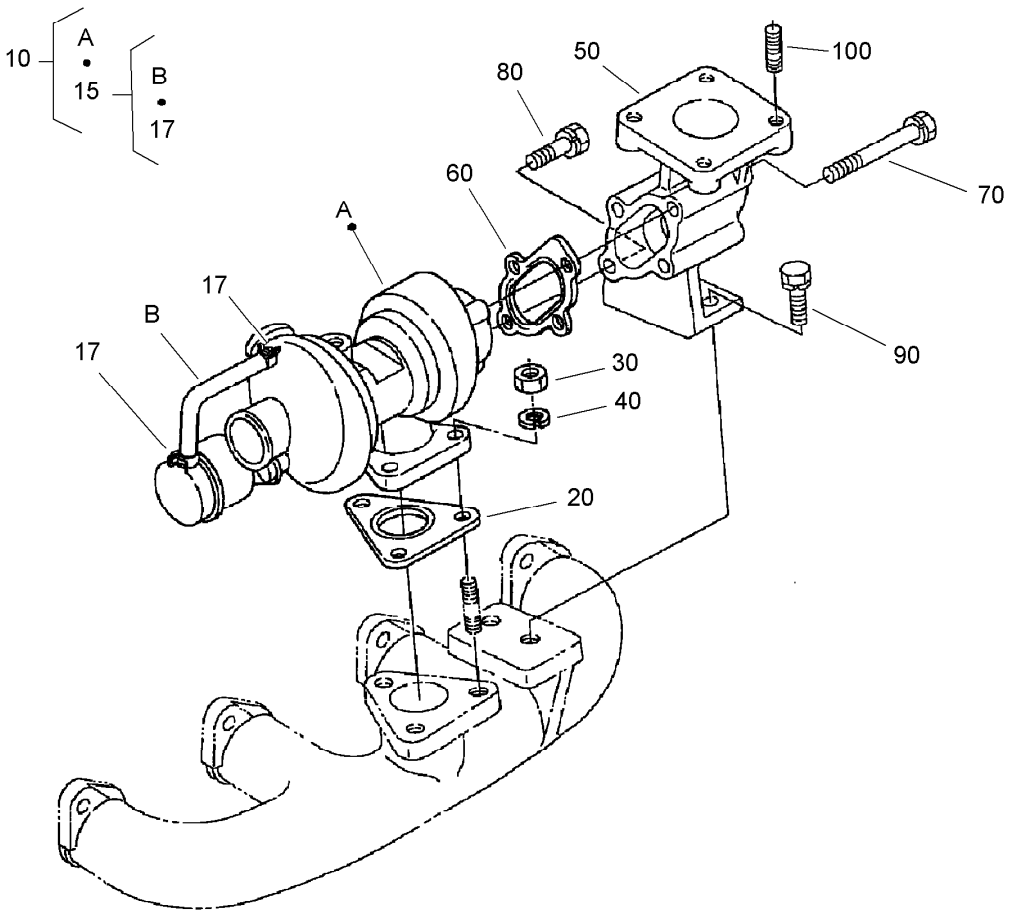
Valve and Rocker Arm Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	112-7018	4	Valve-Inlet
20	112-7019	4	Valve-Exhaust
30	98-9626	8	Spring-Valve
40	107-9092	8	Retainer-Spring
50	98-9390	8	Collet-Spring, Valve
60	99-8385	8	Seal-Stem, Valve
70	98-9497	8	Cap-Valve
80	105-3757	1	Shaft-Arm, Rocker
90	100-9265	2	Bolt
100	98-9505	4	Bracket-Arm, Rocker
110	98-9506	4	Stud
120	98-9393	4	Nut
130	98-9385	4	Washer-Flat
140	105-3758	2	Pin-Spring
150	98-9507	2	Washer-Shaft, Rocker Arm
160	3256-1	2	Washer-Flat
170	98-9504	3	Spring-Arm, Rocker
190	112-7020	8	Rocker Arm ASM
200	98-9502	8	Screw-Adjusting
210	98-9503	8	Nut



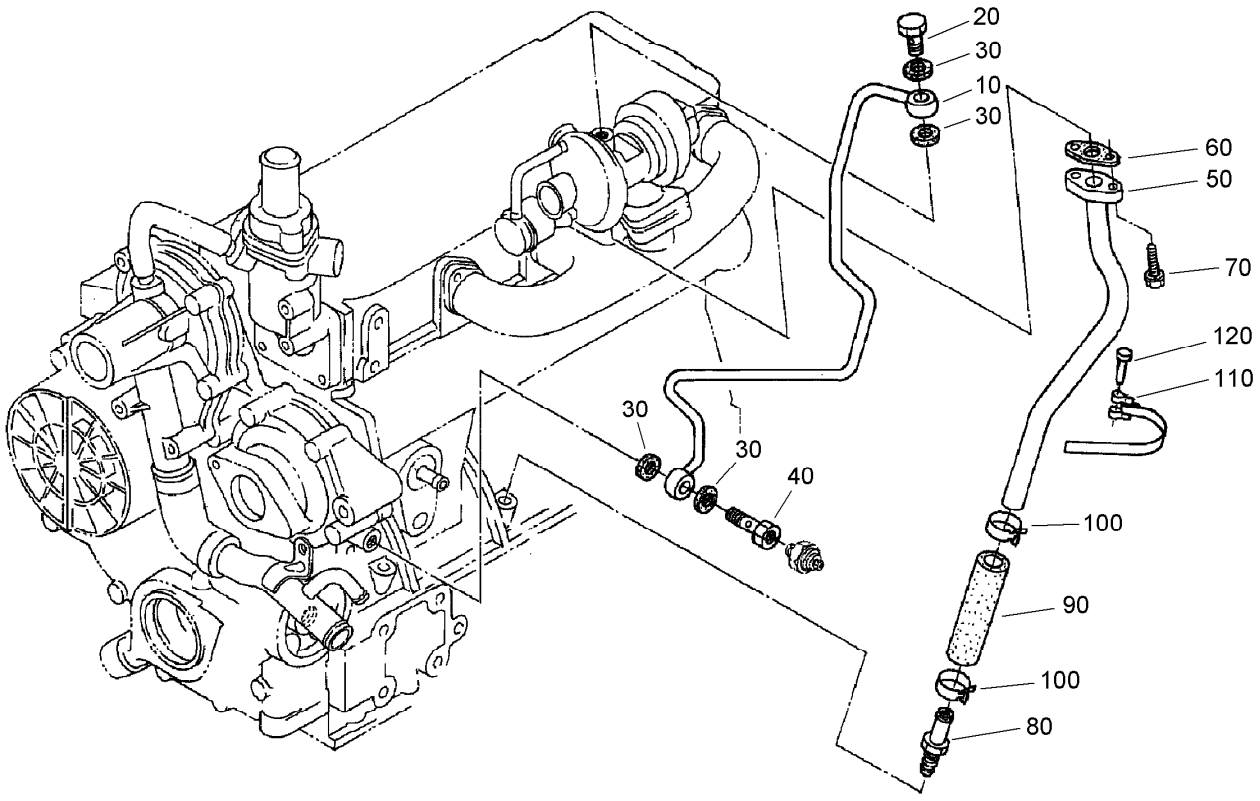
Inlet / Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3759	1	Inlet Manifold ASM
20	105-3760	1	Gasket-Manifold, Intake
30	98-7605	3	Bolt
40	98-9353	2	Bolt
50	105-3797	3	Bolt
60	105-3761	1	Pipe-Inlet
70	105-3762	1	Pipe-Inlet
80	105-3763	1	Pipe-Inlet
90	99-8324	2	Band-Pipe
100	99-8322	2	Band-Pipe
110	108-4425	1	Manifold-Exhaust
120	105-3765	1	Gasket-Manifold, Exhaust
130	98-9588	8	Stud
140	98-9665	8	Nut
150	99-8342	3	Stud



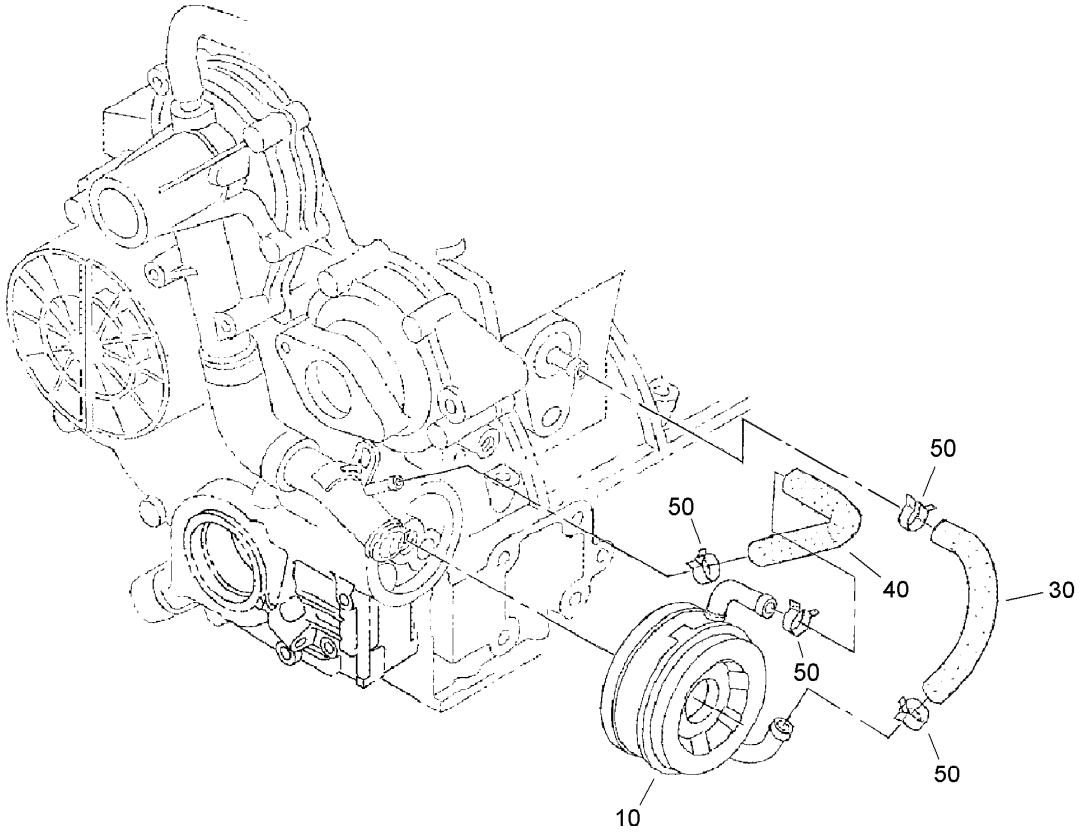
Turbo Charger Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-1412	1	Turbo Charger ASM
15	108-1413	1	Hose ASM
17	108-1414	2	Clamp-Hose
20	105-3767	1	Gasket
30	100-1559	3	Nut-Manifold, Exhaust
40	105-2893	3	Washer-Spring
50	99-8335	1	Flange-Muffler
60	105-3768	1	Gasket
70	105-2894	3	*obs* Bolt
80	105-2895	1	Bolt
90	98-7610	2	Bolt
100	98-7769	4	Stud



Oil Pipe (Turbo Charger) Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-4424	1	Oil Pipe ASM
20	98-9418	1	Bolt-Joint, Eye
30	99-8346	4	Gasket
40	98-9417	1	Bolt-Joint, Eye
50	108-4423	1	Oil Pipe ASM
60	108-4422	1	Gasket
70	98-7605	2	Bolt
80	105-3771	1	Oil Pipe ASM
90	98-9721	1	Pipe-Oil
100	98-9714	2	Clamp-Hose
110	98-9601	1	Clamp-Pipe
120	98-9591	1	Pin-Band



Oil Cooler Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	104-5158	1	Oil Cooler ASM
30	98-9724	1	Pipe-Cooler, Oil
40	98-9578	1	Pipe-Return, Water
50	98-9579	4	Band-Pipe

Attachments and Accessories

For 03690 Reelmaster 5610 Traction Unit

Product Name	Model/Part
Turf Defender Electronic Leak Detector Kit	03521
Air Ride Seat Suspension Kit	03667
Four-Wheel Drive Kit	03671
8-Blade DPA Cutting Unit with 7in Reel	03681
11-Blade DPA Cutting Unit with 7in Reel	03682
7 Inch Verticutter	03684
Turf Evaluator	04399
Premium Bio-Degradable Hydraulic Fluid (5 Gallon Pail)	100-7674
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail)	108-1178
Premium Engine Oil, 10w30 (55 Gallon Drum)	108-1179
Premium Engine Oil, 10w30 (5 Gallon Pail)	108-1180
Premium Bio-Degradable Hydraulic Fluid (55 Gallon Drum)	108-1189
Premium All Purpose Grease (Tube)	108-1190
Air Cleaner Safety Element	108-3813
Gauge Bar Assembly	108-6715
Operator Fan Kit - US Sales Only, 3in ROPS Post	110-8804
Two-Post ROPS Kit	110-8860
Weight Plate	110-8985-03
Brush and Handle Kit	29-9100
Hardtop Sunshade	30359
Diagnostic Display Box	85-4750
Plastic Plug	93-7498

Notes:

Notes:

Notes:

Count on it.