Form No. 3374-298 Rev C

TORO®

Count on it.

Parts Catalog

Reelmaster® 7000-D 4-Wheel Drive Traction Unit

Model No. 03708N—Serial No. 313000001 and Up

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

3374-298 C

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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

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

HP: high pressure

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

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

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

Contents

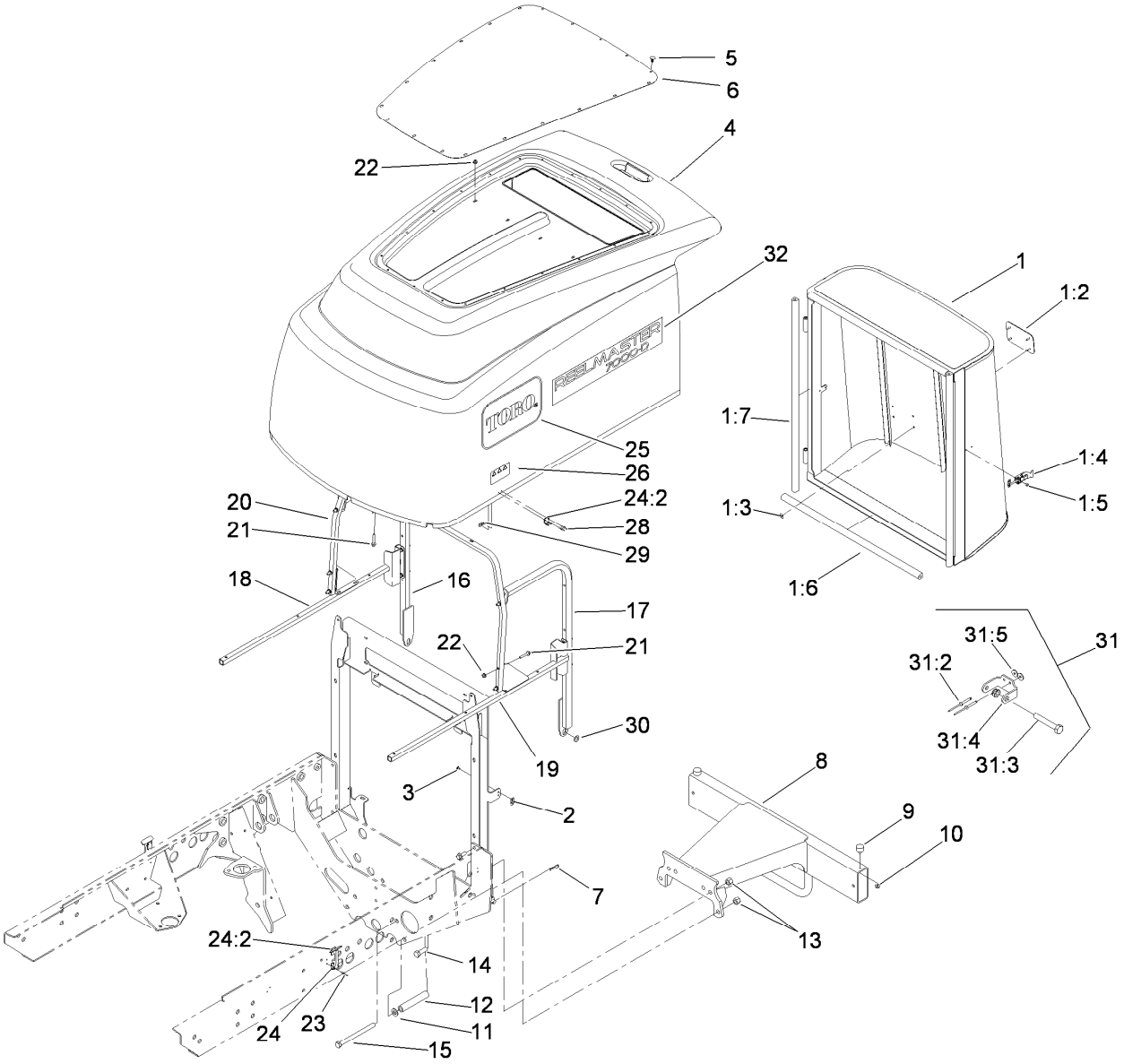
Hood, Screen and Bumper Assembly 5
Steering and Brake Control Assembly 6
Steering Tilt Column Assembly No. 106-3622 8
Steering Valve Assembly No. 114-8119 9
Traction Pedal Assembly 10
Seat Mounting Assembly 11
Air Ride Seat Suspension Assembly No. 108-1488 12
Vinyl Premium Seat Assembly No. 117-5676 14
Console and Control Arm Assembly 15
Hydraulic Tank Assembly 17
Fuel Tank Assembly 18
Front Wheel, Brake and Hydraulic Drive Assembly 19
Planetary Assembly No. 105-4500 20
RH Brake Assembly No. 100-3069 21
LH Brake Assembly No. 100-3070 22
Piston Motor Assembly No. 105-1218 23
Fan Plumbing Assembly 24
Hydraulic Pump and Plumbing Assembly 25
Piston Pump Assembly No. 114-4188 26
Control Assembly No. 115-4446 28
Four Section Pump Assembly No. 114-4189 29
Radiator Assembly 30
Fan and Motor Assembly 32
Hydraulic Motor Assembly No. 117-4769 33
Engine Mounting and Exhaust Assembly 34
Rear Axle Assembly 35
Piston Motor Assembly No. 105-1219 37
Bevel Pinion Shaft Assembly Rear Axle Assembly No. 110-4750 38
Differential Assembly Rear Axle Assembly No. 110-4750 39
Axle Support Assembly Rear Axle Assembly No. 110-4750 40
Bevel Gear Case Assembly Rear Axle Assembly No. 110-4750 41
Bevel Gear Shaft Assembly Rear Axle Assembly No. 110-4750 42
Axle Case Assembly Rear Axle Assembly No. 110-4750 43
Axle Assembly Rear Axle Assembly No. 110-4750 44
Steer Cylinder Assembly No. 119-3903 45
Flywheel Coupler Assembly 46
Electrical Assembly 47
Battery Storage Box Assembly No. 115-9100 49
Storage Box Assembly No. 115-9101 50
Front Lift Arm Assembly 51
Hydraulic Cylinder Assembly No. 119-3852 53
Hydraulic Cylinder Assembly No. 119-3850 54
Air Cleaner and Fan Manifold Assembly 55
Fan Drive Manifold Assembly No. 119-3943 56
Air Cleaner Assembly No. 99-5410 57
No. 2 and 3 Lift Arm Assembly 58
Hydraulic Cylinder Assembly No. 119-3851 60
No. 2 and 3 Hydraulic Hose Assembly 61
No. 1, 4 and 5 Hydrulic Hose Assembly 62
Gear Motor Assembly No. 115-8250 63
Frame and Roll-Over Protection Assembly 64
Front Frame Assembly No. 119-3872 65
Front Shroud and Work Light Assembly 66
Mow and Lift Manifold Assembly 67

© 2014—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)

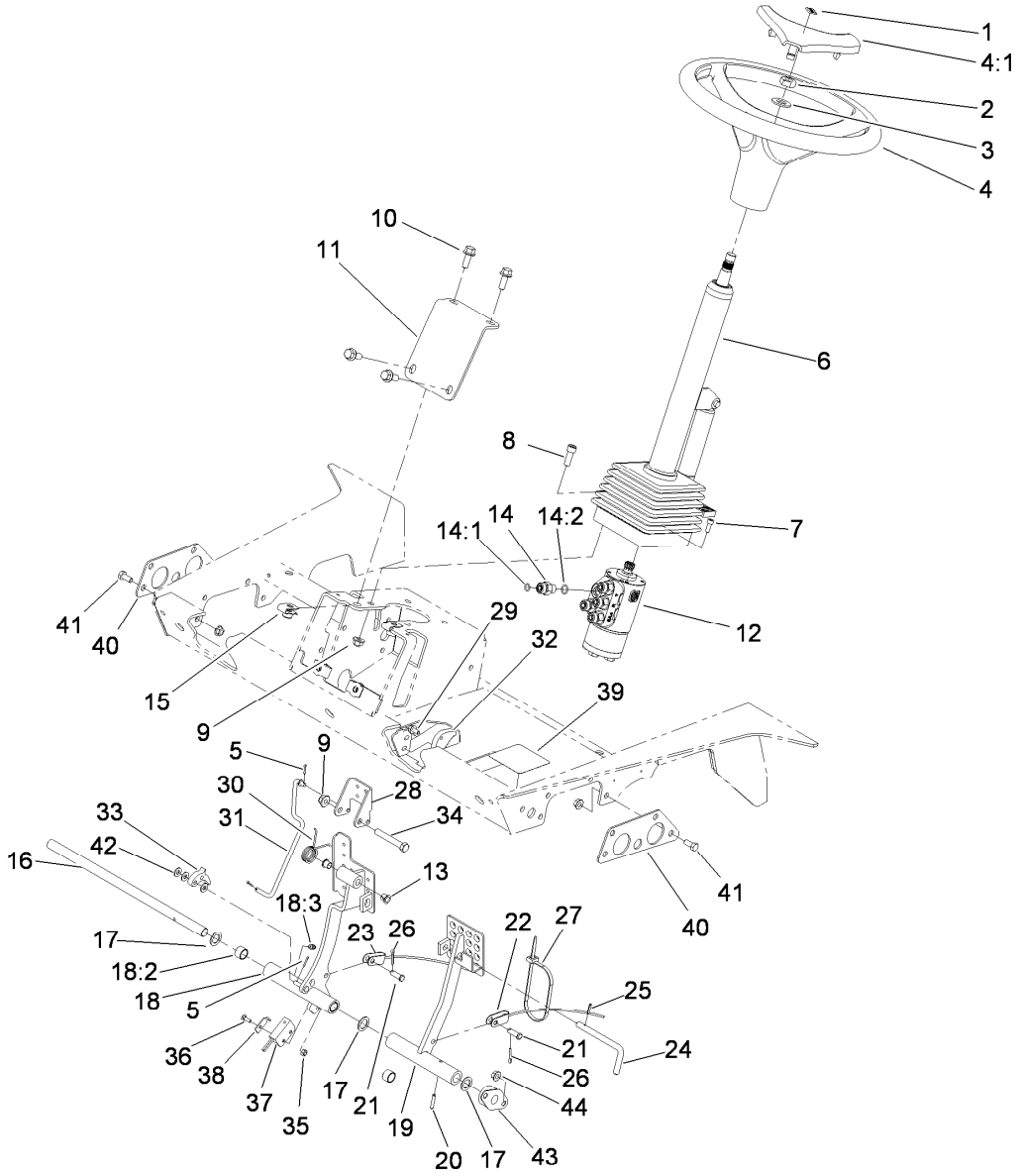
Mow Manifold Assembly No. 119-1461 68
Manifold Mow Block Assembly 69
Lift Manifold Assembly No. 119-1463 70
5 Plex Lift Manifold Assembly 71
4 Wheel Drive and Filter Manifold Assembly 72
Filter Manifold Assembly No. 119-3893 73
Filter Manifold Block Assembly 74
4 Wheel Drive Manifold Block Assembly No. 119-3940 75
4-Wheel Drive Manifold Assembly 76
Junction Manifold Assembly No. 119-3877 77
Juction Manifold Assembly 78
Traction Hydraulic Line Assembly 79
Steering Hydraulic Line Assembly 81
Hydraulic Line Assembly 82
Hydraulic Line Assembly 2 83
Crankcase Assembly 84
Oil Pan Assembly 85
Cylinder Head Assembly 86
Gear Case Assembly 87
Cylinder Head Cover Assembly 88
Oil Pump Assembly 89
Dipstick and Guide Assembly 90
Main Bearing Case Assembly 91
Cam Shaft and Idle Gear Assembly 92
Piston and Crankshaft Assembly 93
Flywheel Assembly 94
Fuel Camshaft and Governor Shaft Assembly 95
Idle Apparatus and Stop Solenoid Assembly 96
Injection Pump Assembly 97
Governor Assembly 98
Speed Control Plate Assembly 99
Nozzle Holder and Glow Plug Assembly 100
Alternator and Pulley Assembly 101
Alternator Component Part Assembly 102
Starter Assembly 103
Starter Components Assembly 104
Water Flange and Thermostat Assembly 105
Water Pump Assembly 106
Valve and Rocker Arm Assembly 107
Inlet and Exhaust Manifold Assembly 108
Muffler Gasket and Operator Manual 109
Attachments and Accessories 110



Hood, Screen and Bumper Assembly

Ref.	Part Number	Qty.	Description
1	115-4362	1	Screen ASM
1:2	93-6028	1	Plate-Logo
1:3	94-2638	4	Nut-Tinnerman
1:4	114-8117	1	Latch-Adjustable
1:5	3269-3	2	Rivet-Pop
1:6	115-4358	2	Seal-Bulb
1:7	115-4359	2	Seal-Bulb
2	115-4357	1	Latch-Keeper
3	3269-3	2	Rivet-Pop
4	119-3883	1	Hood ASM
5	117-2382	20	Plug-Plastic
6	114-4192-03	1	Screen-Hood
7	3290-467	2	Pin-Hair
8	105-9221-03	1	Bumper-Rear
9	240-14	2	Bumper-Rubber
10	32128-33	2	Nut-HF
11	3256-26	2	Washer-Flat
12	76-8350	2	Stop-Axle
13	3296-23	4	Nut-Lock, NI
14	325-6	2	Screw-HH
15	325-33	2	Screw-HH

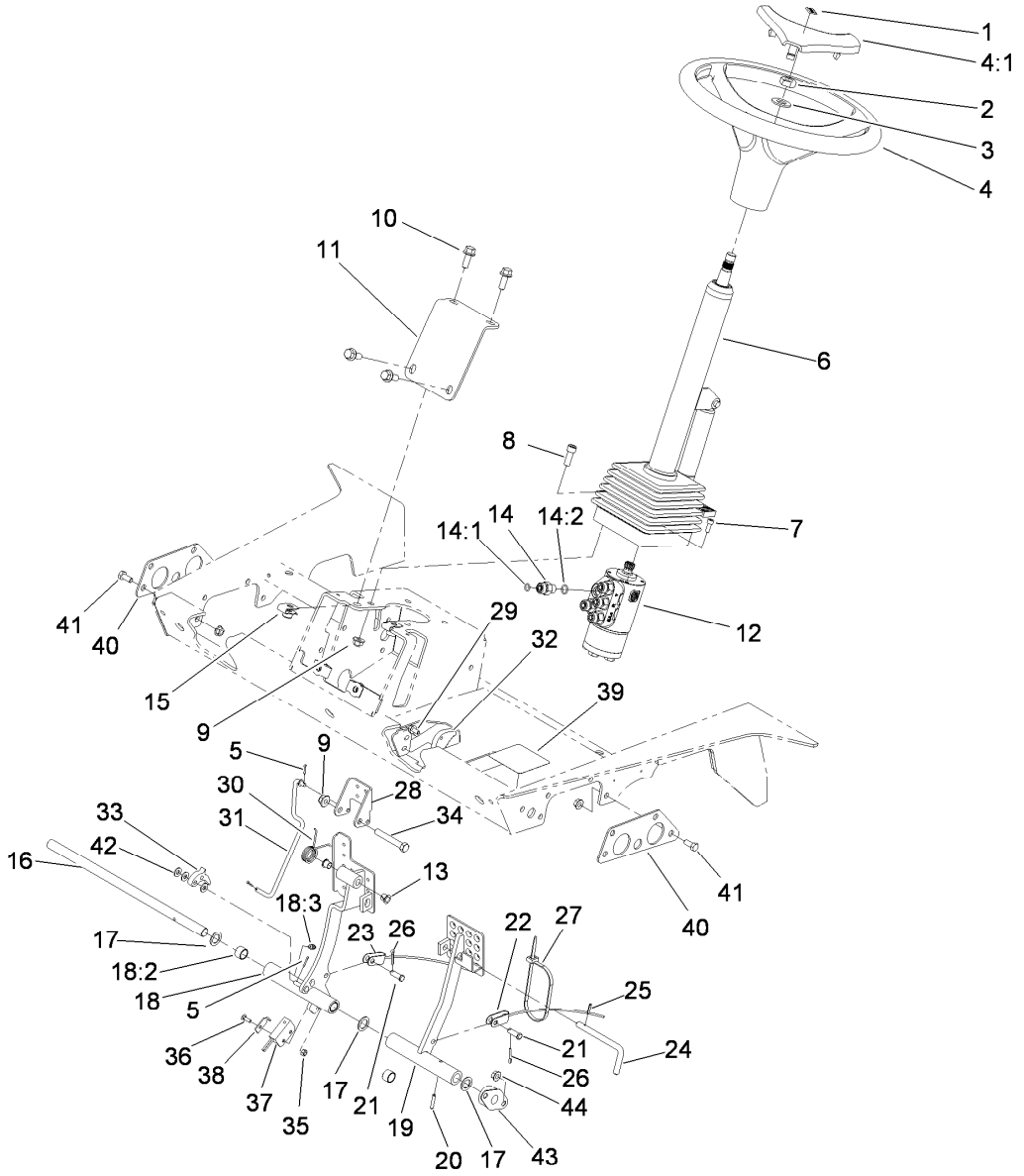
Ref.	Part Number	Qty.	Description
16	114-8108-03	1	Tube-RH
17	114-8109-03	1	Tube-LH
18	117-2358-03	1	Tube-Hood, RH
19	114-8102-03	1	Tube
20	115-9118-03	1	Tube-Frame, Hood
21	94-5781	26	Screw-HHF
22	104-7201	26	Nut-HF
23	3290-55	4	Rivet-Pop
24	59-9740	2	Flex Draw Latch ASM
24:2	249-40	1	Keeper
25	66-1210	2	Decal
26	106-6754	2	Decal-Danger
28	3269-17	4	Rivet-Pop
29	3269-10	4	Washer-Back
30	98-1629	2	Washer
31	119-2004	1	Ce Latch Kit
31:2	107-0333	2	Rivet-Pop
31:3	322-10	1	Screw-HH
31:4	3296-47	1	Nut-Lock, NI
31:5	3269-10	2	Washer-Back
32	119-3942	2	Decal



Steering and Brake Control Assembly

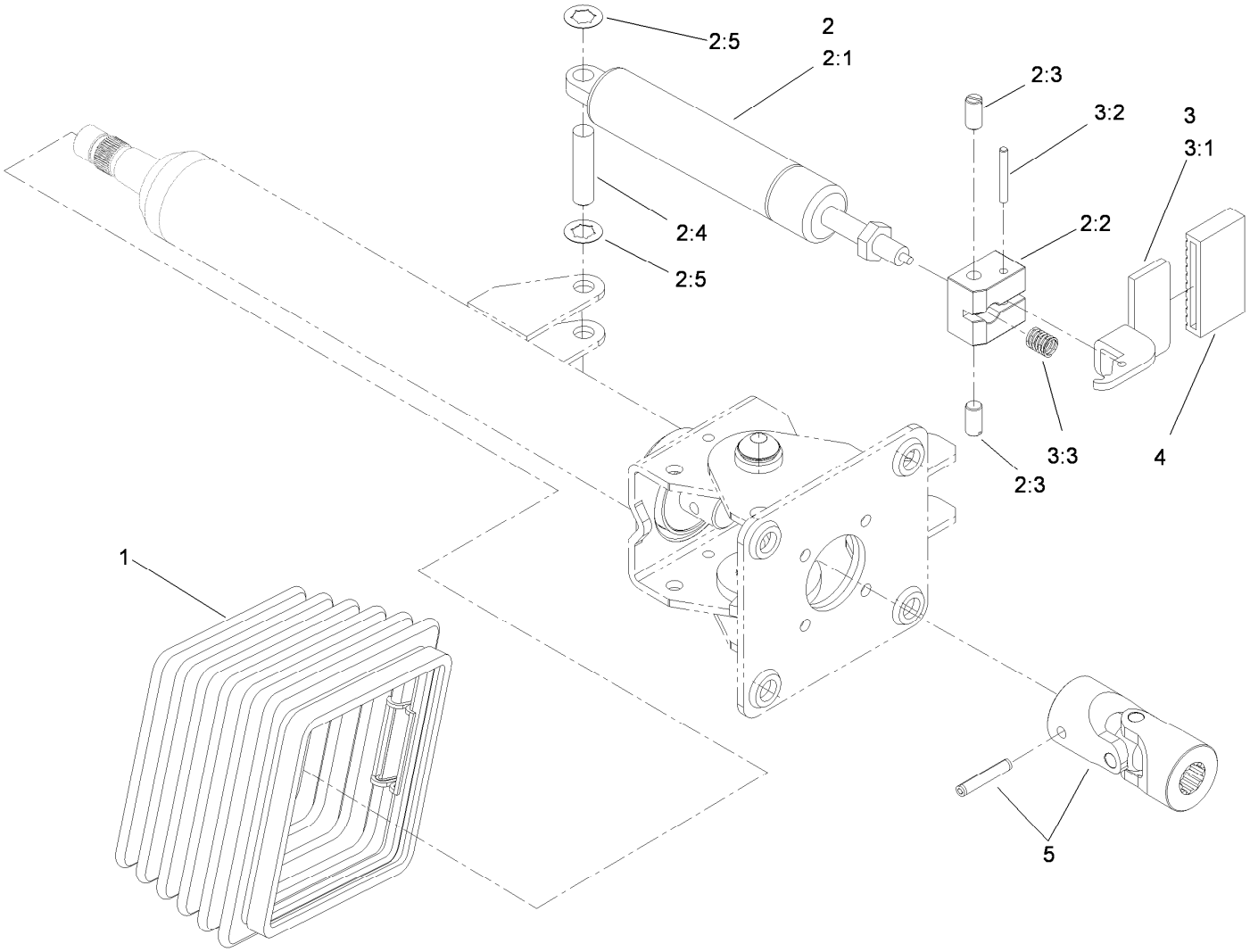
Ref.	Part Number	Qty.	Description
1	98-1459	1	Decal
2	3296-33	1	Nut-Lock, NI
3	3256-27	1	Washer-Flat
4	98-1471	1	Wheel-Steering
4:1	98-1468	1	Cover-Wheel, Steering
5	3272-5	3	Pin-Cotter
6	106-3622	1	Steering Tilt Column ASM
7	105-2409	4	Screw-HSH
8	3274-7	4	Screw-HSH
9	104-8301	5	Nut-Flange, NI
10	3234-11	4	Screw-HHF
11	115-4379-01	1	Brace-Column
12	114-8119	1	Steering Valve ASM
13	52-2891	2	Bushing-Flanged, Nylon
14	340-2	5	Fitting-HYD, Straight
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring
15	112-4576	4	Nut-Clip, U
16	75-1470	1	Pin-Pivot, Brake
17	3256-69	3	Washer-Flat
18	119-0005	1	RH Brake Pedal ASM

Ref.	Part Number	Qty.	Description
18:2	256-42	2	Bushing
18:3	302-5	1	Fitting-Grease
19	115-4421-03	1	Pedal-Brake, LH
20	32121-16	1	Pin-Spring
21	283-58	2	Pin-Clevis
22	92-7530	1	Cable-Brake, LH
23	92-7529	1	Cable-Brake, RH
24	63-7880	1	Pin-Latch, Brake
25	32121-50	1	Pin-Spring
26	3272-10	2	Pin-Cotter
27	3290-378	1	Tie-Cable
28	99-7963-03	1	Pedal-Park
29	3234-13	2	Screw-HHF
30	99-7140	1	Spring-Torsion
31	115-4417	1	Rod-Brake Pawl
32	119-0002	1	Pawl-Brake
33	120-1691	1	Detent-Brake
34	323-12	1	Screw-HH
35	3296-2	1	Nut-Lock, NI
36	3229-34	1	Screw-CARR
37	100-1270	1	Switch-Proximity



Steering and Brake Control Assembly (continued)

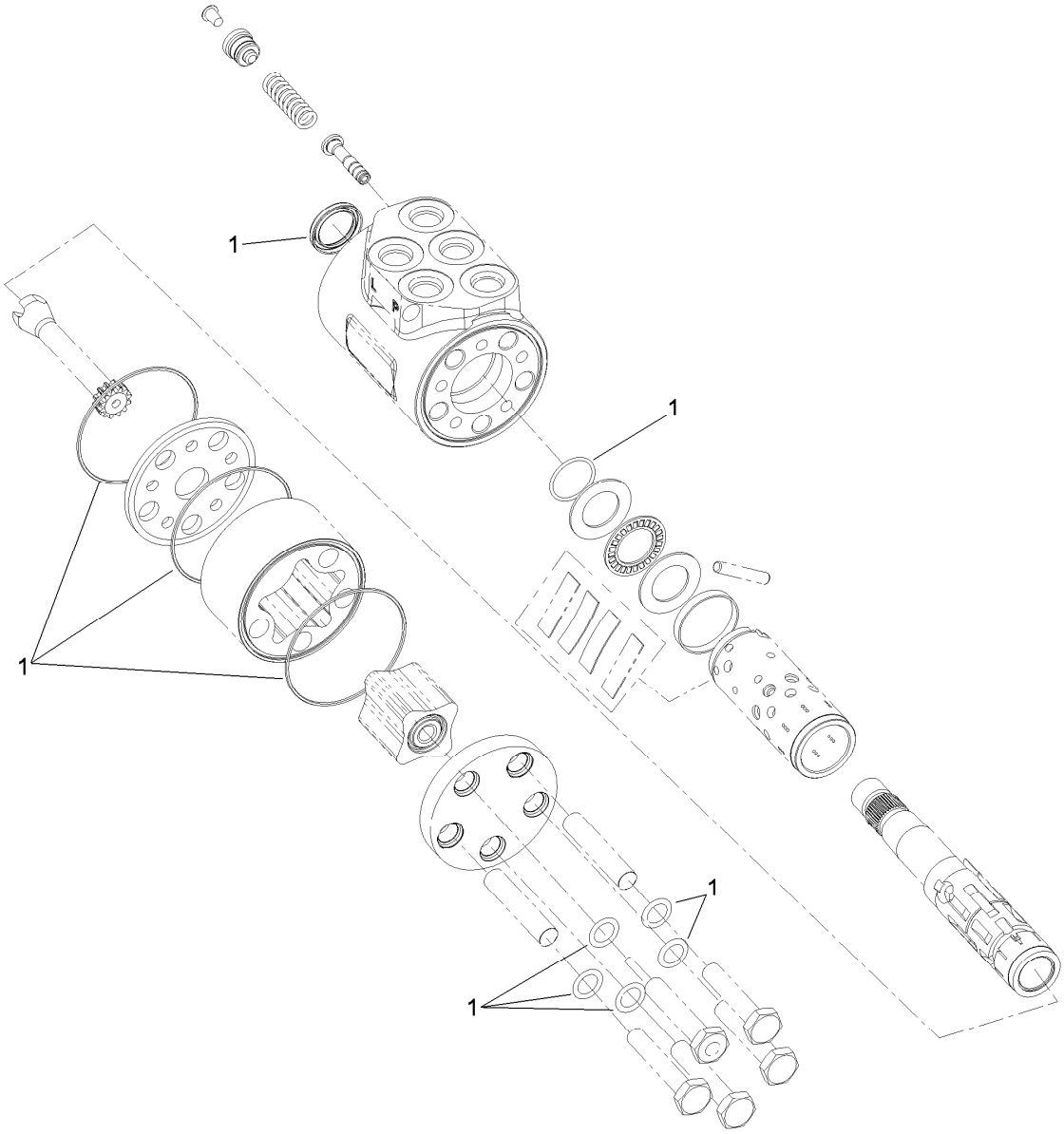
Ref.	Part Number	Qty.	Description
38	100-4872	1	Plate-Switch, Neutral
39	117-4763	1	Decal-Brake
40	106-7794-01	2	Plate-Mount, HYD Fitting
41	322-3	3	Screw-HH
42	3256-22	3	Washer-Flat
43	256-236	2	Bearing-Mount, Flange
44	32128-20	3	Nut-HF



Steering Tilt Column Assembly No. 106-3622

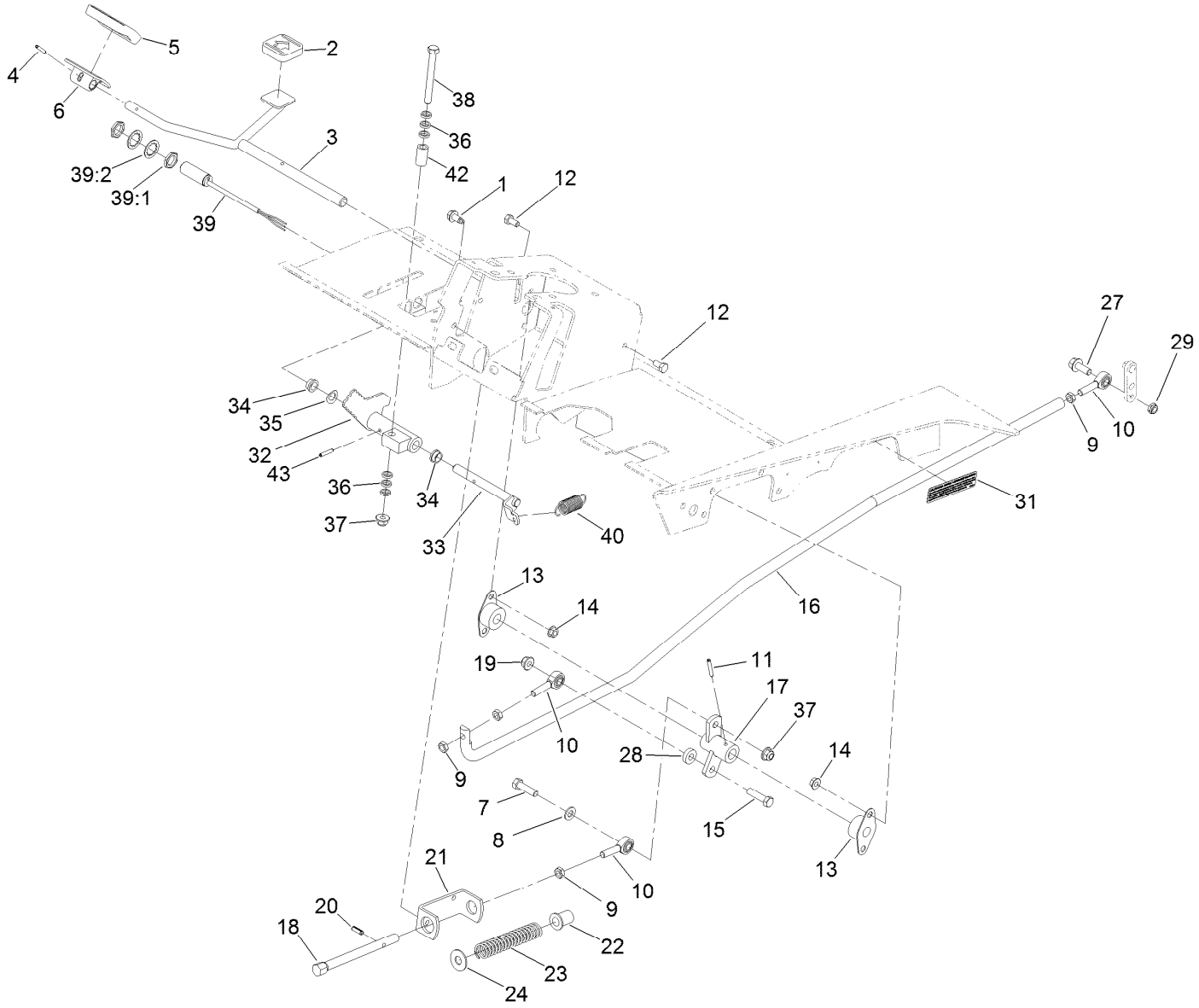
Ref.	*Part Number*	*Qty.*	*Description*
1	110-6462	1	Bellows-Rubber
2	110-6463	1	Cylinder Service Kit
2:1		1	Cylinder-Gas ●
2:2		1	Block-Pedal ●
2:3		2	Bolt ●
2:4		1	Pin ●
2:5		2	Washer-Lock ●
3	110-6464	1	Pedal Service Kit
3:1		1	Pedal ●
3:2		1	Pin ●
3:3		1	Spring ●
4	110-6465	1	Cover-Pedal
5	120-6256	1	Universal Joint Kit

● Not serviced separately



Steering Valve Assembly No. 114-8119

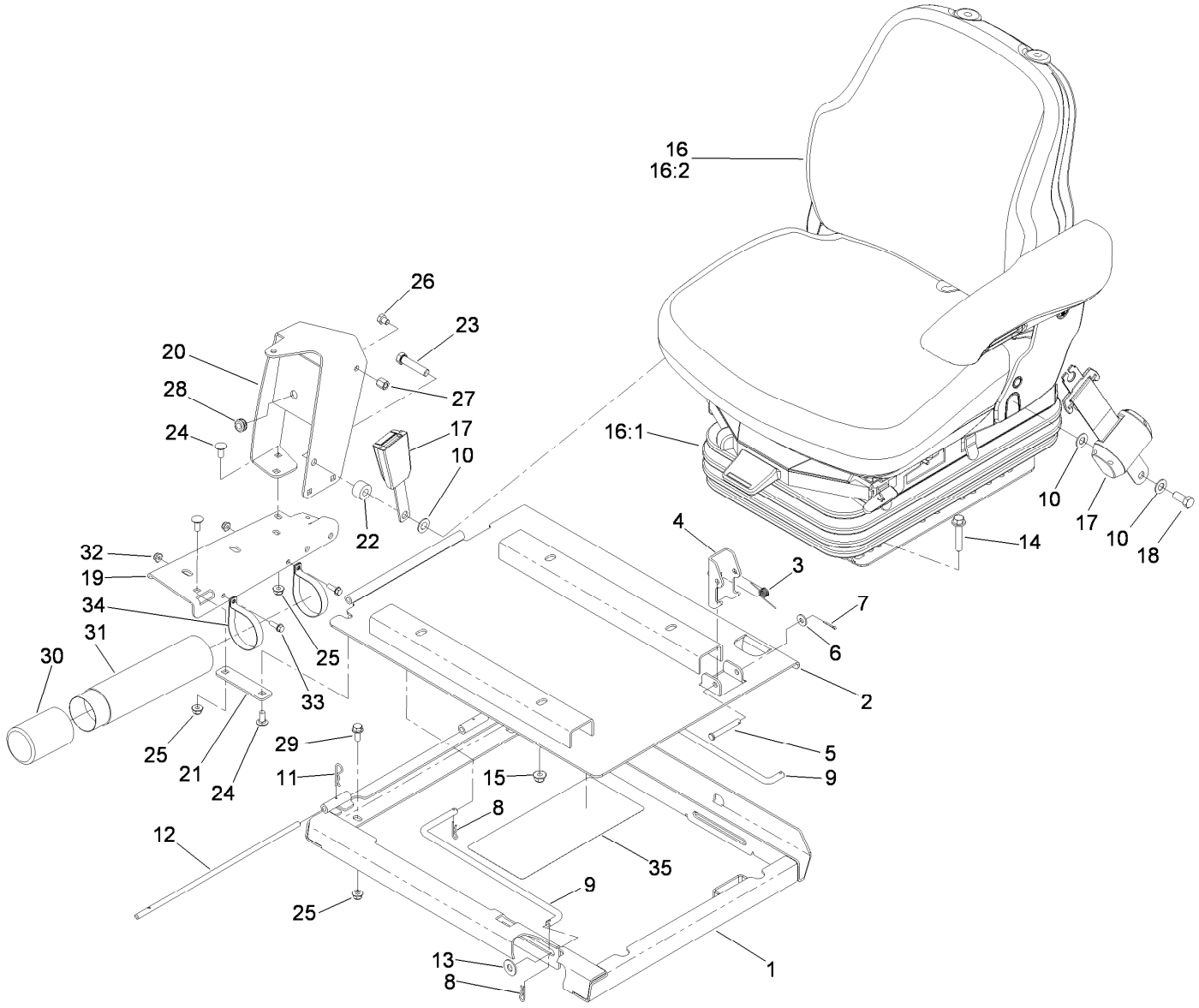
Ref.	*Part Number*	*Qty.*	*Description*
1	106-6716	1	Seal Kit



Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	32104-32	2	Screw-HWH
2	74-9110	1	Pad-Pedal, Reverse
3	75-2970	1	Pedal-Traction
4	32121-45	1	Pin-Spring
5	74-9100	1	Pad-Pedal, Forward
6	117-9507	1	Pedal-Accelerator
7	323-29	1	Screw-HH
8	3256-24	1	Washer-Flat
9	3220-3	4	Nut-HJ
10	2411-36	3	Bearing-End, Rod
11	32121-6	1	Pin-Roll, Slotted
12	322-2	4	Screw-HH
13	256-236	2	Bearing-Mount, Flange
14	32128-20	4	Nut-HF
15	323-8	1	Screw-HH
16	117-4794-03	1	Rod-Traction
17	115-4380-03	1	Hub-Pivot, Traction
18	115-4383	1	Shaft-Spring
19	104-8301	2	Nut-Flange, NI
20	32121-11	1	Pin-Roll
21	92-7608-03	1	Bracket-Spring

Ref.	Part Number	Qty.	Description
22	92-7610	1	Retainer-Spring
23	84-9100	1	Spring
24	3256-5	1	Washer-Flat
27	3234-11	1	Screw-HHF
28	5-0652	1	Spacer
29	3296-59	1	Nut-Lock, NI
31	117-2718	1	Decal-Arrester, Spark
32	117-0216	1	Stop-Mow
33	106-3731	1	Rod-Pivot
34	256-156	2	Bushing-Flange
35	110-8982	1	Washer-Spring
36	62-4420	6	Washer
37	104-8301	2	Nut-Flange, NI
38	323-15	1	Screw-HH
39	115-5300	1	Proximity Switch ASM
39:1	117-3207	2	Nut-Hex
39:2	117-3208	2	Washer-Lock, Internal Tooth
40	92-7305	1	Spring-Extension
42	110-4631	1	Tube-Spacer
43	32121-16	1	Pin-Spring



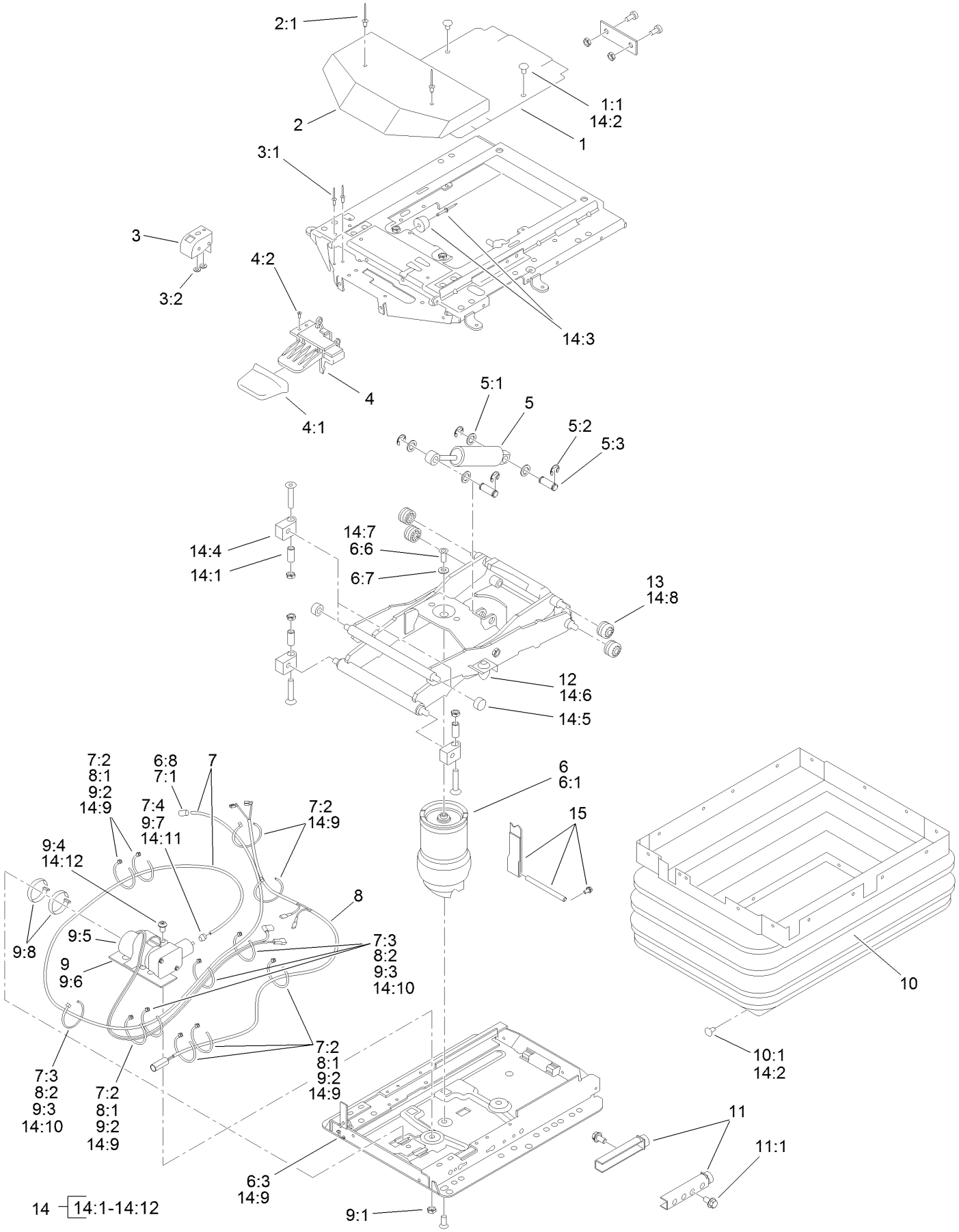
Seat Mounting Assembly

Ref.	Part Number	Qty.	Description
1	115-4400-03	1	Frame-Seat
2	115-4411-03	1	Plate-Seat
3	104-4821	1	Spring-Torsion
4	115-4423-03	1	Latch-Seat Plate
5	110-0618	1	Pin-Clevis
6	3256-2	1	Washer-Flat
7	3272-6	1	Pin-Cotter
8	3290-307	4	Pin-Hair
9	117-4797-03	2	Rod-Seat Frame
10	3256-25	3	Washer-Flat
11	3290-467	1	Pin-Hair
12	75-3400	1	Shaft-Pivot, Seat
13	3256-4	2	Washer-Flat
14	66-9302	4	Screw-HHF, Whiz
15	104-8301	4	Nut-Flange, NI
16		1	Seat And Suspension ASM ●
16:1	108-1488	1	Seat Suspension ASM
16:2	117-5676	1	Premium Seat ASM

Ref.	Part Number	Qty.	Description
17	110-0413	1	Seatbelt-Retractable
18	3212-4	1	Screw-HH
19	119-0000-03	1	Channel-Support
20	117-4798-03	1	Arm-Support
21	112-7449-03	1	Bracket-Support
22	17-7190	1	Spacer-Finger
23	3212-8	1	Screw-HH
24	3230-23	6	Screw-CARR
25	104-8300	10	Nut-Flange, NI
26	108-8646	1	Screw-HH, Lock
27	112-7405	1	Nut-Hex, Coupling
28	237-136	1	Grommet
29	3234-47	4	Screw-HHF
30	104-7048	1	Cap-Housing
31	104-7050	1	Tube-Manual
32	104-7201	2	Nut-HF
33	32105-15	2	Screw-HWH
34	107-1865	2	R-Clamp
35	120-1681	1	Decal-Reel Speed, 7 Inch

● Not serviced separately

Air Ride Seat Suspension Assembly No. 108-1488

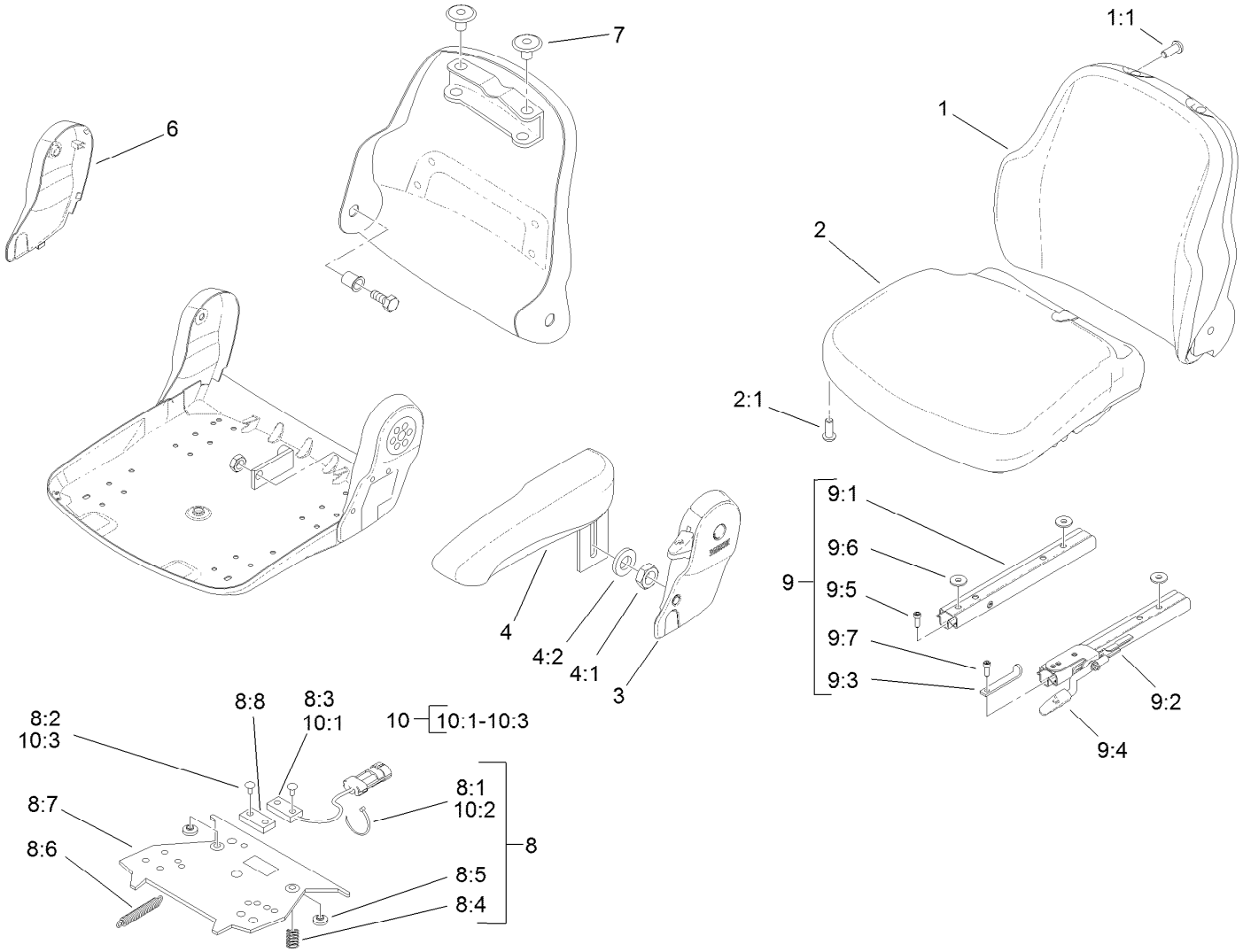


Air Ride Seat Suspension Assembly No. 108-1488 (continued)

Ref.	Part Number	Qty.	Description
1	108-8026	1	Cover ASM
1:1	39-5710	2	Plug-Plastic
2	108-8027	1	Cover ASM
2:1		2	Rivet ■
3	108-8028	1	Level Indicator Kit
3:1		2	Rivet ■
3:2		2	Washer ■
4	108-8029	1	Air Control Valve ASM
4:1		1	Handle ■
4:2		3	Screw ■
5	108-8030	1	Shock Absorber Kit
5:1		4	Washer ■
5:2		4	C-Clip ■
5:3		2	Pin ■
6	108-8031	1	Air Spring Kit
6:1		1	Air Spring ■
6:3		2	Cable Tie ■
6:6		2	Screw ■
6:7		1	Washer ■
6:8		1	Nipple-Hose ■
7	108-8032	1	Air Tube ASM
7:1		1	Nipple-Hose ■
7:2		7	Tie-Wire ■
7:3		4	Tie-Wire ■
7:4		1	Nipple-Hose ■
8	108-8033	1	Connecting Cable ASM
8:1		8	Tie-Wire ■
8:2		4	Tie-Wire ■
9	108-8034	1	Compressor Kit
9:1		1	Nut ■
9:2		5	Tie-Wire ■
9:3		4	Tie-Wire ■
9:4		1	Screw ■
9:5		1	Compressor ■
9:6		1	Plate-Mounting ■
9:7		1	Nipple-Hose ■
9:8		2	Clamp ■
10	108-8035	1	Bellows ASM
10:1	39-5710	23	Plug-Plastic
11	108-8036	1	Stop Kit
11:1		2	Screw ■
12	107-1213	2	Bumper Set
13	108-8037	4	Roller
14	108-8038	1	Wear Parts Kit ●
14:1		4	Spacer ■
14:2	39-5710	2	Plug-Plastic
14:3		1	Bumper ■
14:4		4	Support-Housing ■
14:5		2	Roller ■
14:6	107-1213	2	Bumper Set
14:7		2	Screw ■
14:8	108-8037	4	Roller
14:9		9	Tie-Wire ■
14:10		4	Tie-Wire ■
14:11		1	Nipple-Hose ■
14:12		1	Screw ■
15	119-2161	1	Tether Kit

● Not illustrated

■ Not serviced separately

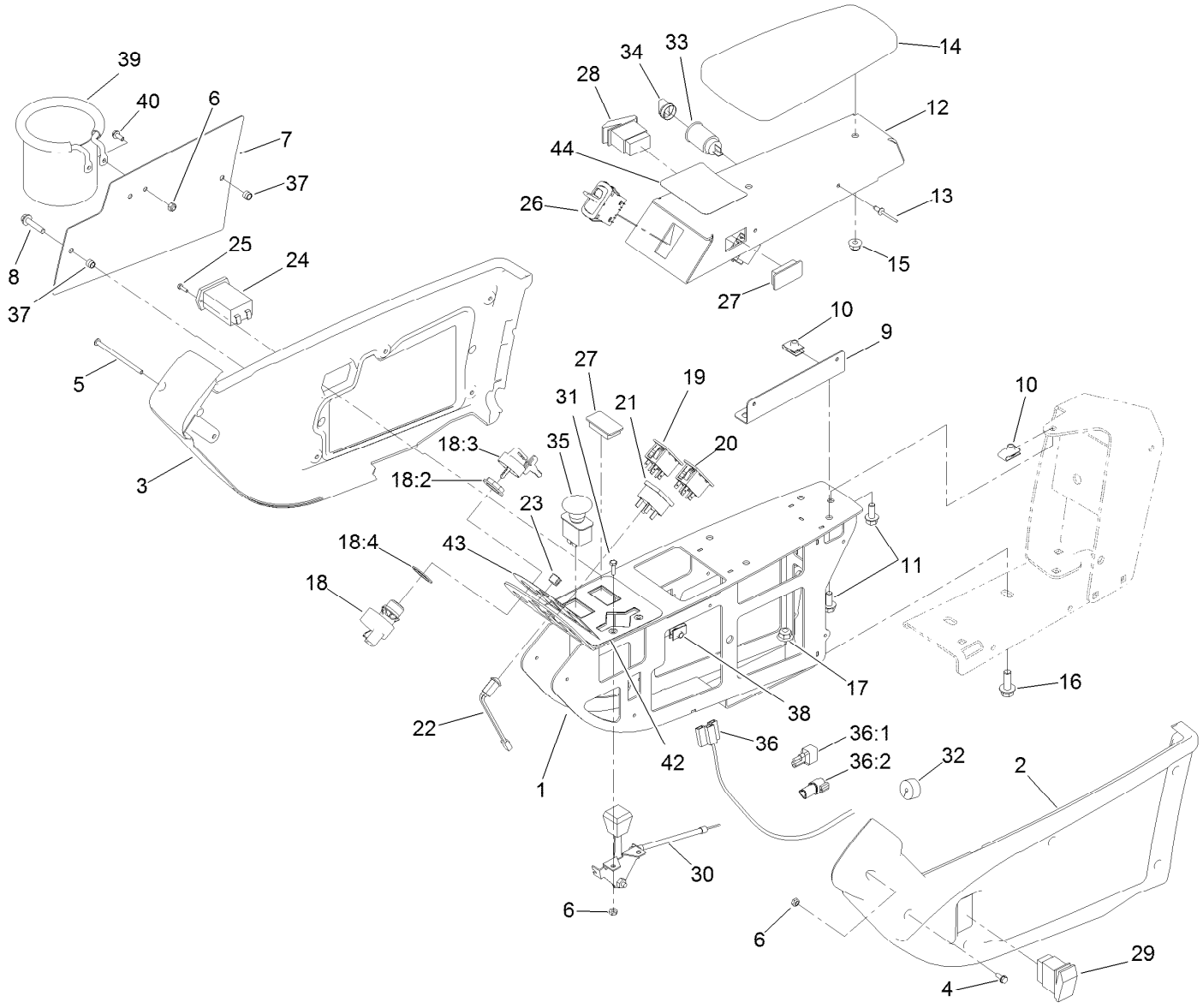


Vinyl Premium Seat Assembly No. 117-5676

Ref.	Part Number	Qty.	Description
1	108-8016	1	Backrest Cushion ASM
1:1	119-7742	4	Screw-Cushion
2	108-8017	1	Seat Cushion ASM
2:1	119-7742	3	Screw-Cushion
3	108-8018	1	Cover-Armrest
4	108-8019	1	LH Armrest ASM
4:1	82-9650	1	Nut
4:2	107-1198	1	Washer
6	108-8021	1	Cover-Armrest
7	108-8022	2	Cover-Black
8	108-8024	1	Switch Kit
8:1		3	Wire Tie ●
8:2		4	Rivet ●
8:3		1	Sensor-Seat Switch ●
8:4		2	Spring-Compression ●
8:5		2	Bumper-Pressure Plate ●

Ref.	Part Number	Qty.	Description
8:6		1	Spring-Extension ●
8:7		1	Plate-Mounting ●
8:8		1	Magnet ●
9	108-8025	1	Adjustment Rail Set
9:1		1	Rail-Adjustment, RH ●
9:2		1	Rail-Adjustment, LH ●
9:3		1	Stop-Rail ●
9:4		1	Handle ●
9:5		3	Screw ●
9:6		3	Washer ●
9:7		1	Screw ●
10	110-6189	1	Switch Kit
10:1		1	Switch ●
10:2		3	Wire Tie ●
10:3		2	Rivet ●

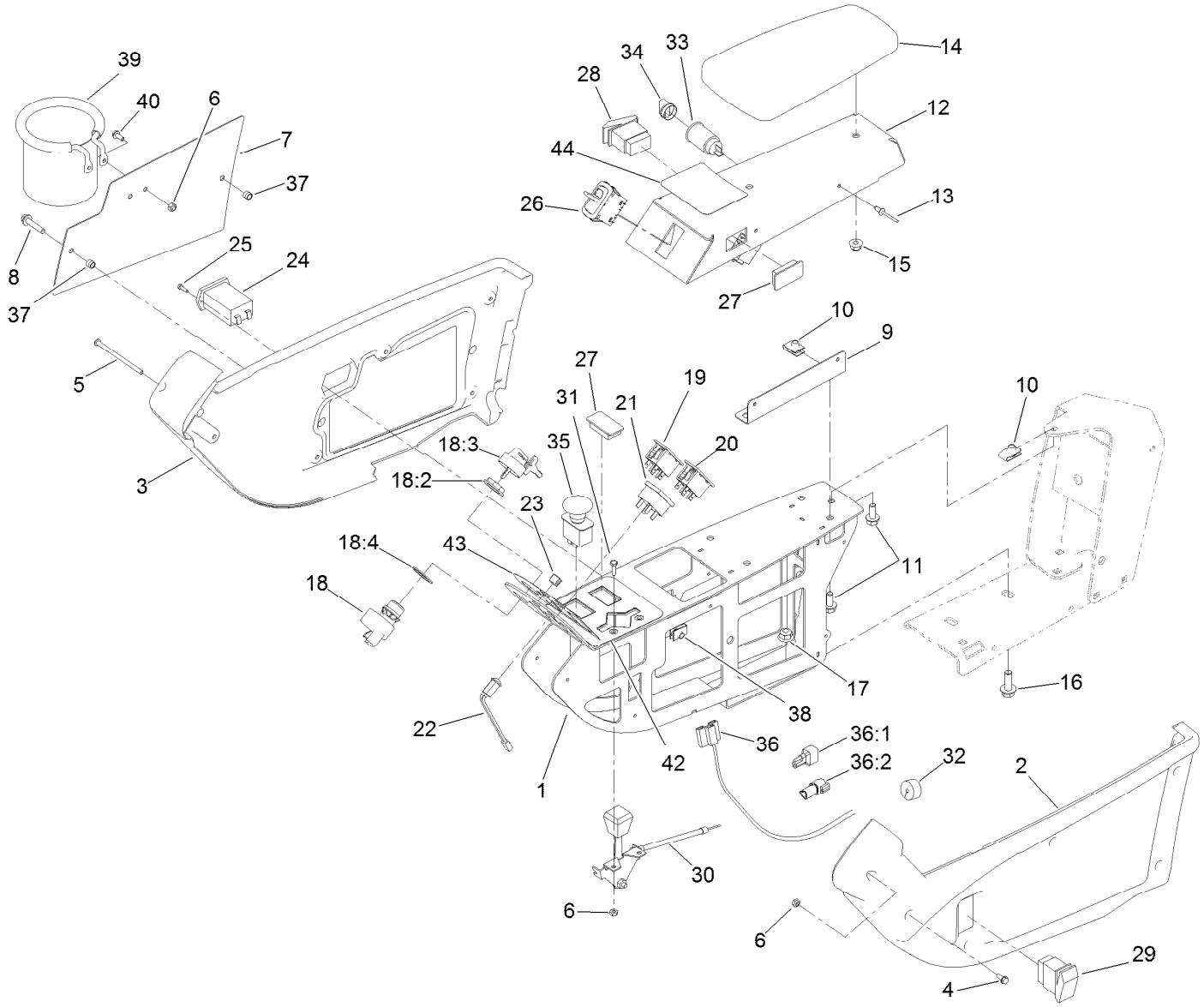
● Not serviced separately



Console and Control Arm Assembly

Ref.	Part Number	Qty.	Description
1	115-4430-03	1	Frame-Arm, Control
2	108-7604	1	Cover-LH
3	108-7605	1	Cover-RH
4	32144-112	10	Screw-HWH
5	3250-22	1	Screw-PPH
6	3296-2	5	Nut-Lock, NI
7	115-8849-03	1	Plate-Cover
8	3234-21	2	Screw-HHF
9	112-7404	1	Angle-Mounting
10	94-2413	5	U-Nut
11	3234-5	5	Screw-HHF
12	120-1685-03	1	Panel-Control ASM
13	3290-409	2	Rivet
14	108-7602	1	Rest-Arm
15	104-8300	2	Nut-Flange, NI
16	3234-42	2	Screw-HHF
17	104-8301	2	Nut-Flange, NI
18	106-5269	1	Ignition Switch ASM
18:2	108-8660	1	Nut-Mounting
18:3	106-5270	1	Ignition Key Set
18:4	108-8659	1	Washer-Backup

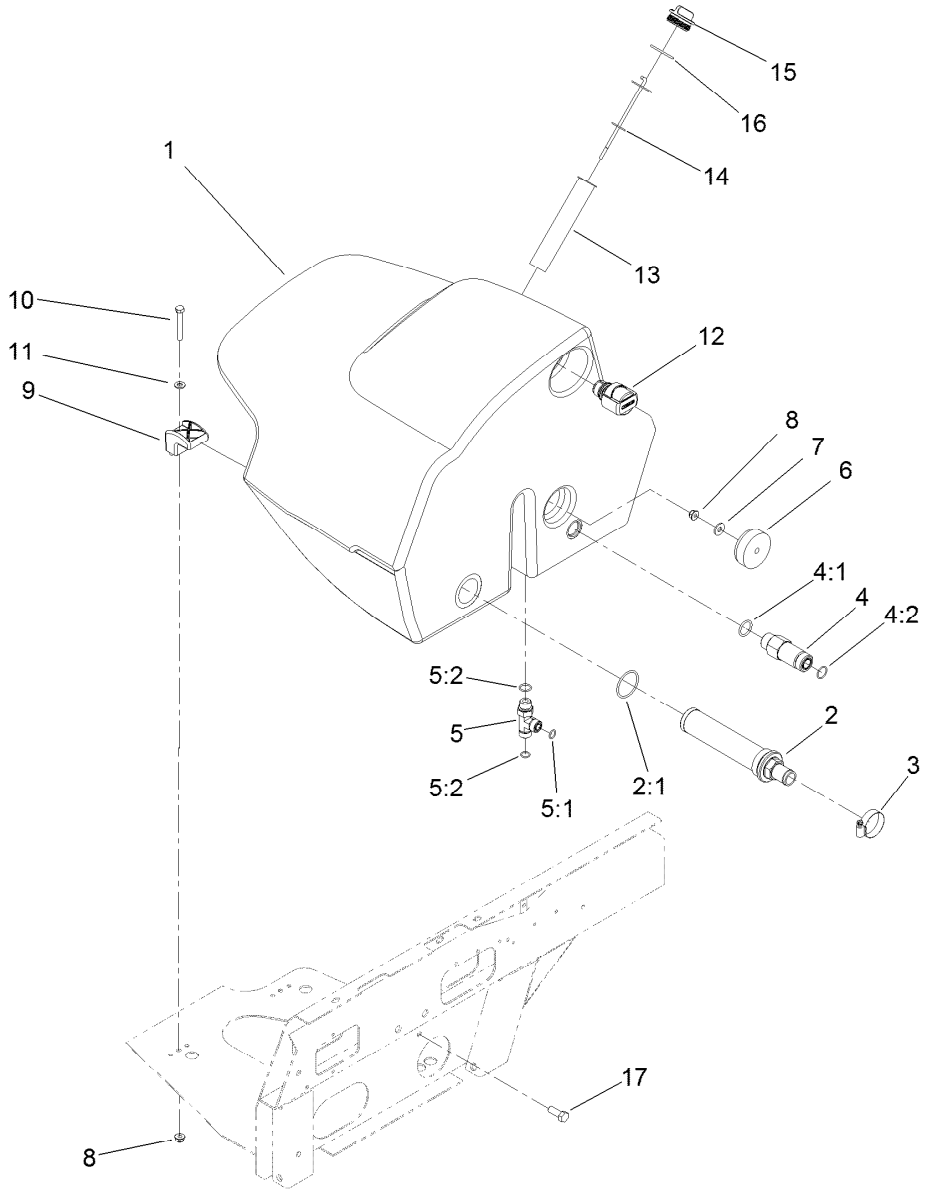
Ref.	Part Number	Qty.	Description
19	100-8070	1	Lamp-Warning
20	100-8071	1	Lamp-Warning
21	110-0941	1	Gauge-Temperature
22	95-7652	1	Light-Indicator
23	2410-64	1	Plug-Button
24	75-6820	1	Hourmeter
25	32144-18	2	Screw-HWH
26	114-3316	1	Switch-Paddle
27	99-7420	2	Plug-Hole
28	106-2027	1	Switch-Intermittent
29	95-8999	1	Switch
30	115-9117	1	Cable-Throttle
31	3290-134	2	Screw
32	110-8911	1	Seal-Foam
33	99-7411	1	Point-Power
34	99-7416	1	Cap
35	93-9999	1	Switch-PTO
36	119-1301	1	Harness-Wire, Seat And Console
36:1	104-4022	1	Resistor-75 Ohm
36:2	32180-043	1	Resistor-120 Ohm



Console and Control Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
37	110-0542	2	Spacer-Flange
38	107069	2	Clip
39	117-2378	1	Holder-Bag
40	3290-321	2	Screw-HWH

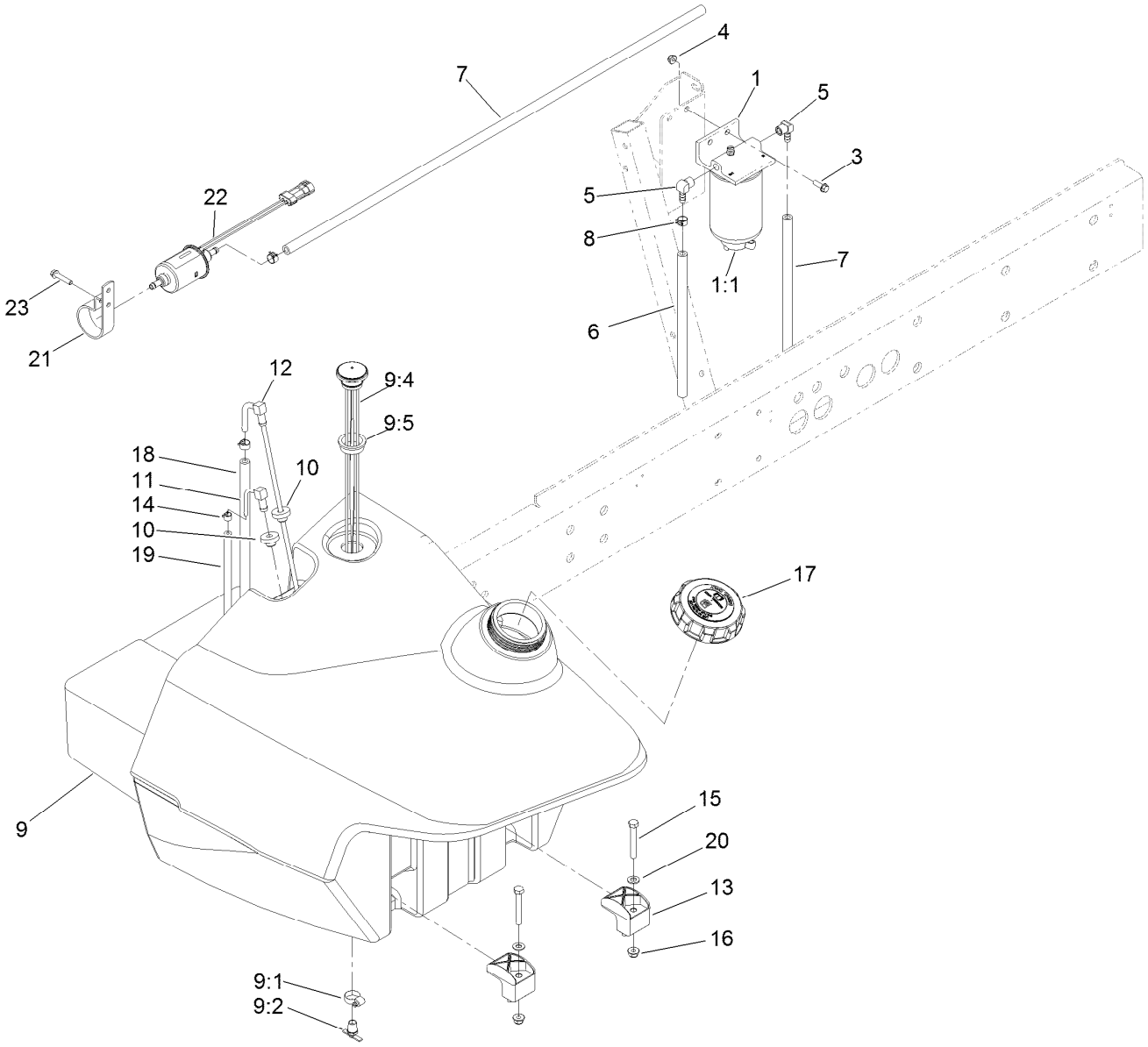
Ref.	Part Number	Qty.	Description
42	119-3884	1	Decal-Console, Lower
43	117-2385	1	Decal-Console, Upper
44	117-2386	1	Decal-Lift



Hydraulic Tank Assembly

Ref.	Part Number	Qty.	Description
1	119-0017	1	Tank-HYD
2	104-7546	1	Tank Strainer ASM
2:1	340-136	1	O-Ring
3	2412-111	2	Clamp
4	92-6058	1	Fitting-HYD
4:1	237-81	1	O-Ring
4:2	237-58	1	O-Ring
5	340-109	1	Fitting-HYD, Tee
5:1	237-79	1	O-Ring
5:2	237-30	2	O-Ring
6	108-1605	1	Bumper-Recess

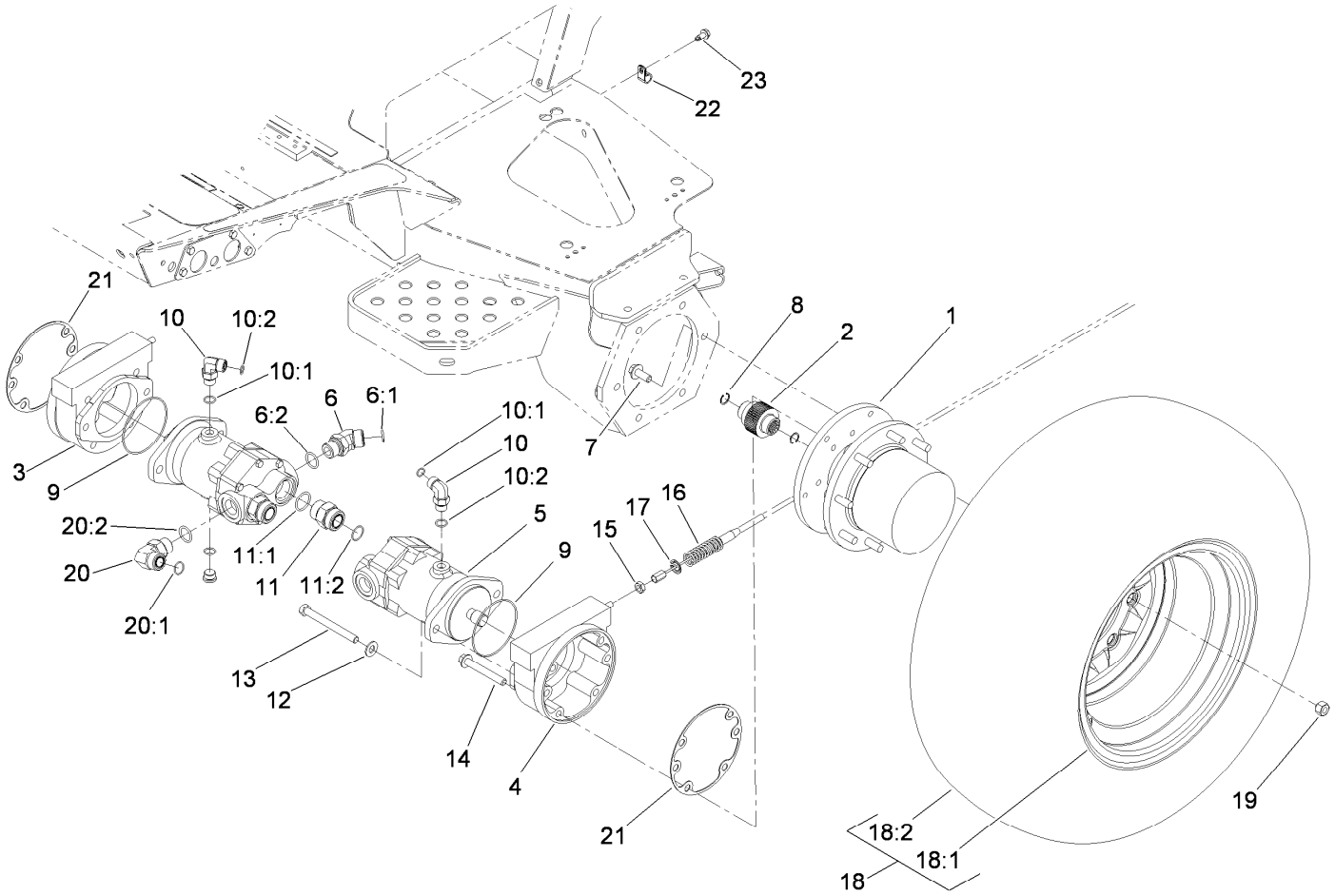
Ref.	Part Number	Qty.	Description
7	3256-3	1	Washer-Flat
8	104-8300	3	Nut-Flange, NI
9	107-4543	2	Clamp
10	322-11	2	Screw-HH
11	3256-23	2	Washer-Flat
12	115-9793	1	Breather
13	61-2790	1	Filter-Screen
14	119-6968	1	Dipstick-Oil
15	93-7498	1	Plug-Plastic
16	237-101	1	O-Ring
17	322-5	1	Screw-HH



Fuel Tank Assembly

Ref.	Part Number	Qty.	Description
1	110-9044	1	Seperator Filter ASM
1:1	110-9049	1	Filter-Spin On
3	32105-15	2	Screw-HWH
4	104-7201	2	Nut-HF
5	353-781	2	Fitting-Elbow
6	109-0309	1	Hose-Fuel
7	110-3258	1	Hose-Fuel
8	92-2379	6	Clamp-Hose
9	115-4353	1	Fuel Tank ASM
9:1	2412-36	1	Clamp-Hose
9:2	304-46	1	Draincock
9:4	117-4790	1	Guage-Fuel
9:5	95-8972	1	Grommet
10	46-6560	2	Bushing

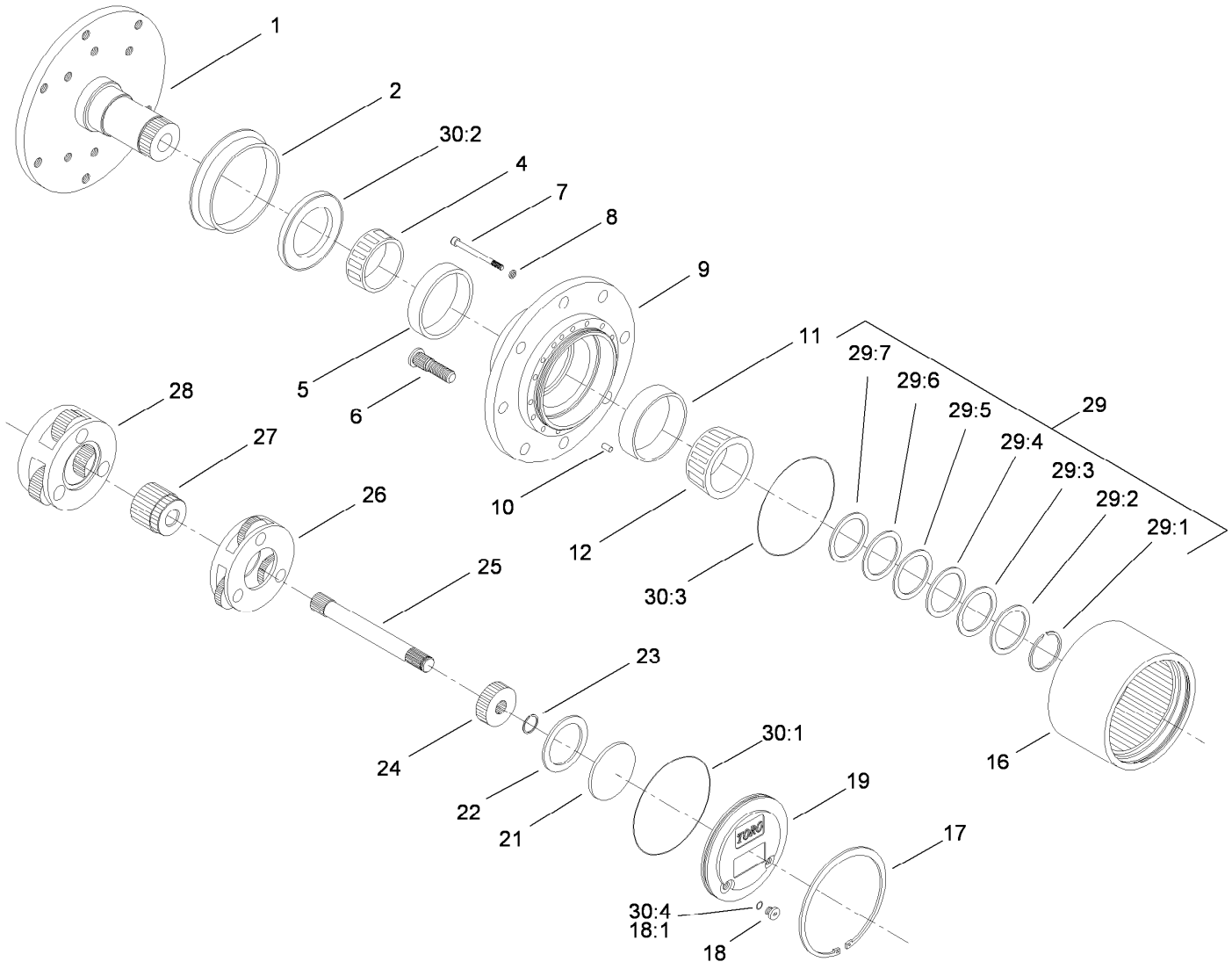
Ref.	Part Number	Qty.	Description
11	104-5605	1	Fitting-Return
12	115-4354	1	Tube-Suction, Fuel
13	107-4543	2	Clamp
14	2412-80	2	Clamp-Hose
15	322-11	2	Screw-HH
16	104-8300	2	Nut-Flange, NI
17	114-5062	1	Cap-Biodiesel
18	110-3257	1	Hose-Fuel
19	110-0471	1	Hose-Fuel
20	3256-23	2	Washer-Flat
21	110-8817	1	Bracket-Pump, Fuel
22	110-8806	1	Pump-Fuel
23	32144-110	1	Screw-HWH



Front Wheel, Brake and Hydraulic Drive Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	105-4500	2	Planetary ASM
2	100-3046	2	Shaft-Brake, Splined
3	100-3069	1	RH Brake ASM
4	100-3070	1	LH Brake ASM
5	105-1218	2	Piston Motor ASM
6	100-5530	2	Fitting-HYD, 45 DEG
6:1	237-58	1	O-Ring
6:2	237-81	1	O-Ring
7	33106-030	12	Screw-HHF
8	93-7972	4	Ring-Retaining, Internal
9	237-166	2	O-Ring
10	340-98	2	Fitting-HYD, 90 DEG
10:1	237-79	1	O-Ring
10:2	237-30	1	O-Ring
11	104-3797	4	Fitting-HYD, Straight
11:1	237-146	1	O-Ring
11:2	340-65	1	O-Ring

Ref.	*Part Number*	*Qty.*	*Description*
12	3256-26	4	Washer-Flat
13	33116-120	4	Screw-HH
14	33106-090	8	Screw-HHF
15	3218-4	2	Nut-Jam
16	94-3088	2	Spring-Compression
17	94-3050	2	Plate-Spring
18	119-1538	2	Tire And Wheel ASM
18:1	119-1540	1	Wheel-15 Inch
18:2	63-4480	1	Tire
19	92-7483	16	Nut-Lug
20	340-142	2	Fitting-HYD, 90 DEG
20:1	237-58	1	O-Ring
20:2	237-81	1	O-Ring
21	93-7984	2	Gasket
22	2412-93	2	Clamp-R
23	32104-32	2	Screw-HWH



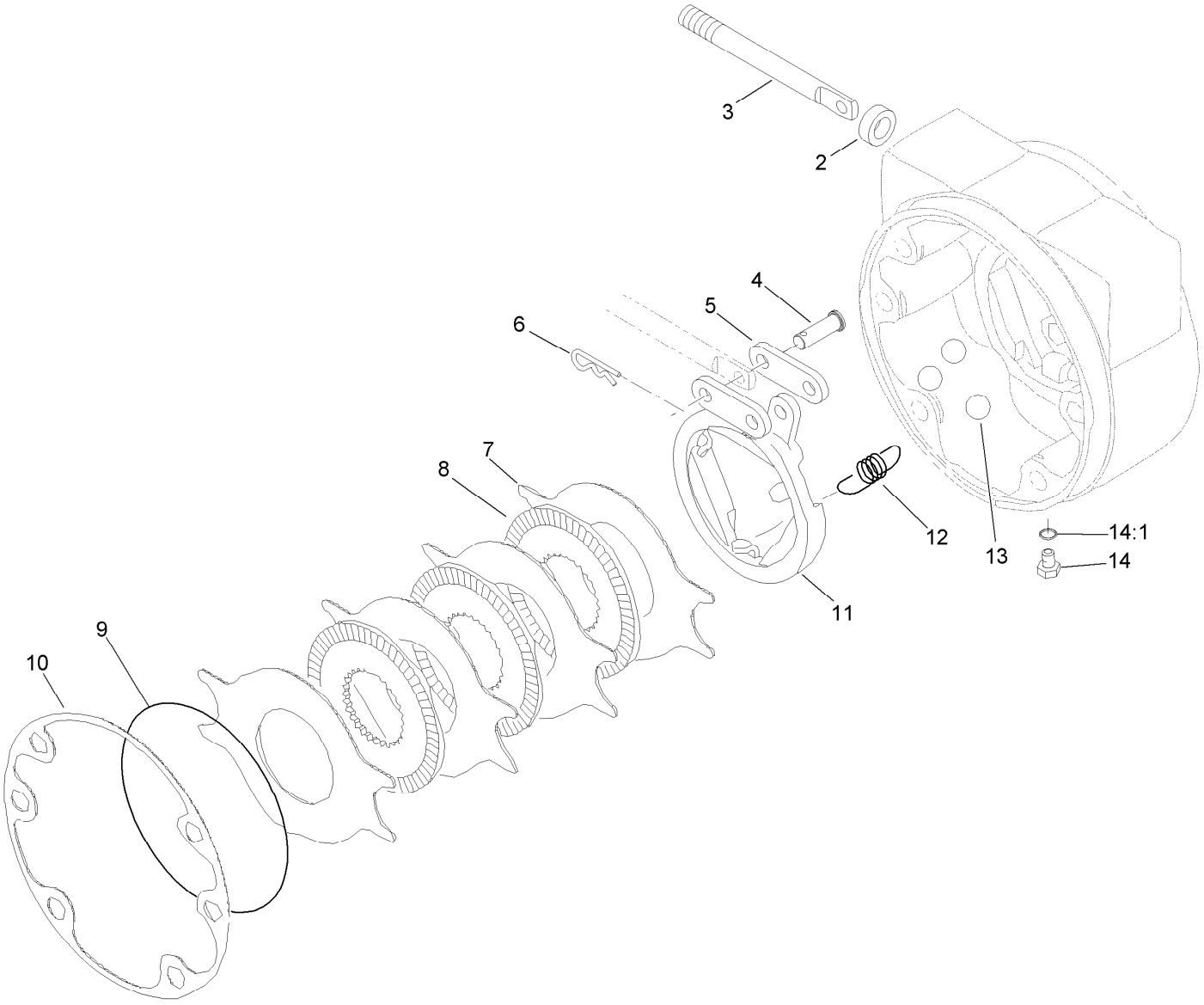
Planetary Assembly No. 105-4500

Ref.	Part Number	Qty.	Description
1		1	Spindle ■
2	105-8122	1	Seal-Boot
4	105-8120	1	Bearing-Cone
5	105-8119	1	Bearing-Cup
6	105-8124	8	Stud-Wheel
7	105-8125	16	Bolt-Head, Socket
8	3253-18	16	Washer-Lock
9		1	Housing ■
10	105-8121	1	Pin-Dowel
11	105-8117	1	Bearing-Cup
12	105-8118	1	Bearing-Cone
16	105-8113	1	Gear-Ring
17	105-8132	1	Ring-Retaining
18	353-990	2	Plug ASM
18:1	237-78	1	O-Ring
19	105-8138	1	Cap-End
21	105-8133	1	Plug-Thrust
22	105-8123	1	Washer-Thrust
23	105-8131	1	Ring-Retaining

Ref.	Part Number	Qty.	Description
24	105-8114	1	Gear-Primary
25	105-8115	1	Shaft-Drive
26	105-8129	1	Primary Carrier ASM
27	105-8139	1	Gear-Secondary
28	105-8130	1	Secondary Carrier ASM
29	105-8136	1	Shim Kit
29:1		1	Ring-Snap ■
29:2		1	Shim-Bearing, 2.9Mm ■
29:3		1	Shim-Bearing, 2.8Mm ■
29:4		1	Shim-Bearing, 2.7Mm ■
29:5		1	Shim-Bearing, 2.6Mm ■
29:6		1	Shim-Bearing, 2.5Mm ■
29:7		1	Shim-Bearing, 2.4Mm ■
30	105-8137	1	Seal Kit ●
30:1		1	O Ring-Flange Cap ■
30:2		1	Seal-Oil ■
30:3		2	O Ring-End Cap ■
30:4	237-78	2	O-Ring

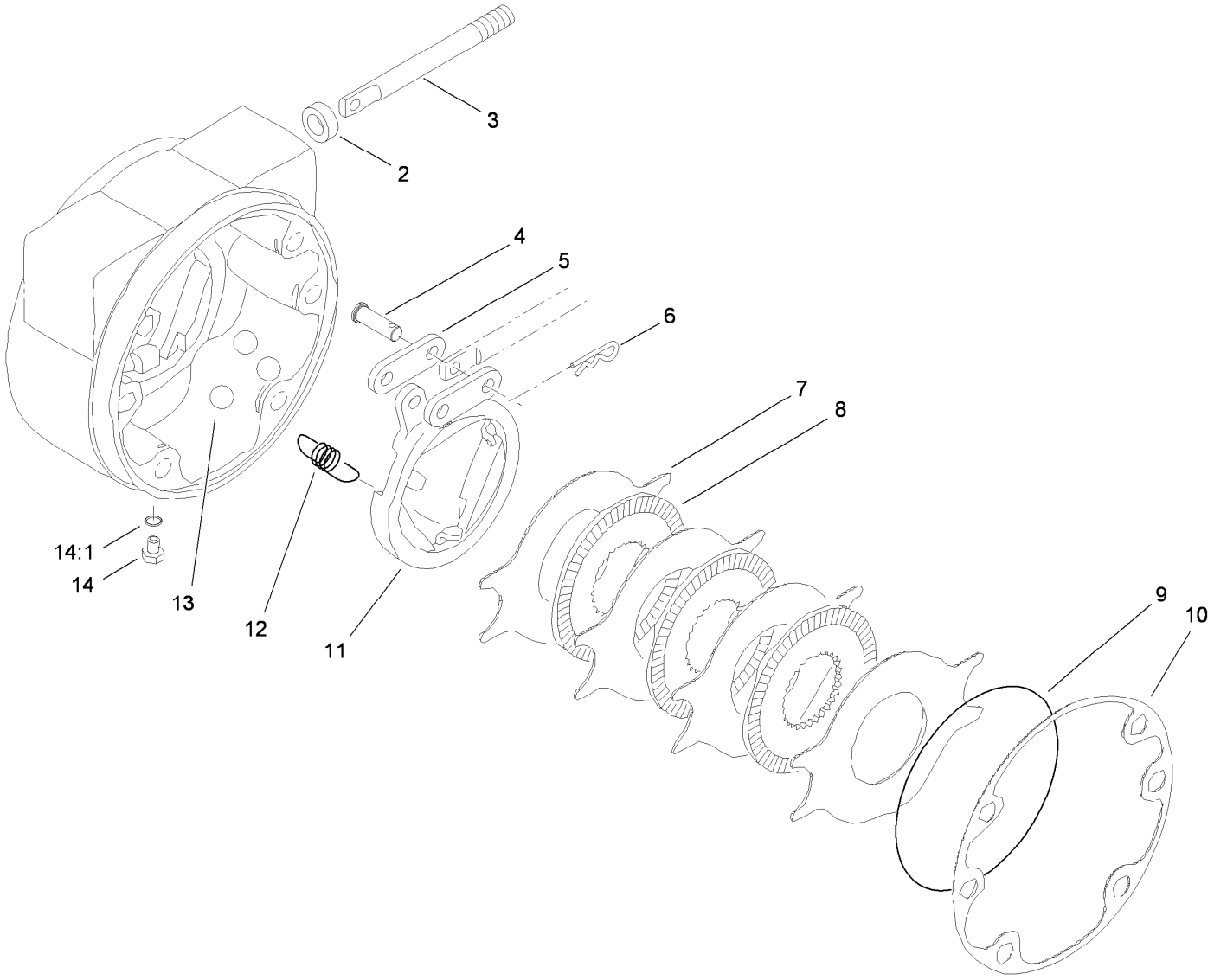
● Not illustrated

■ Not serviced separately



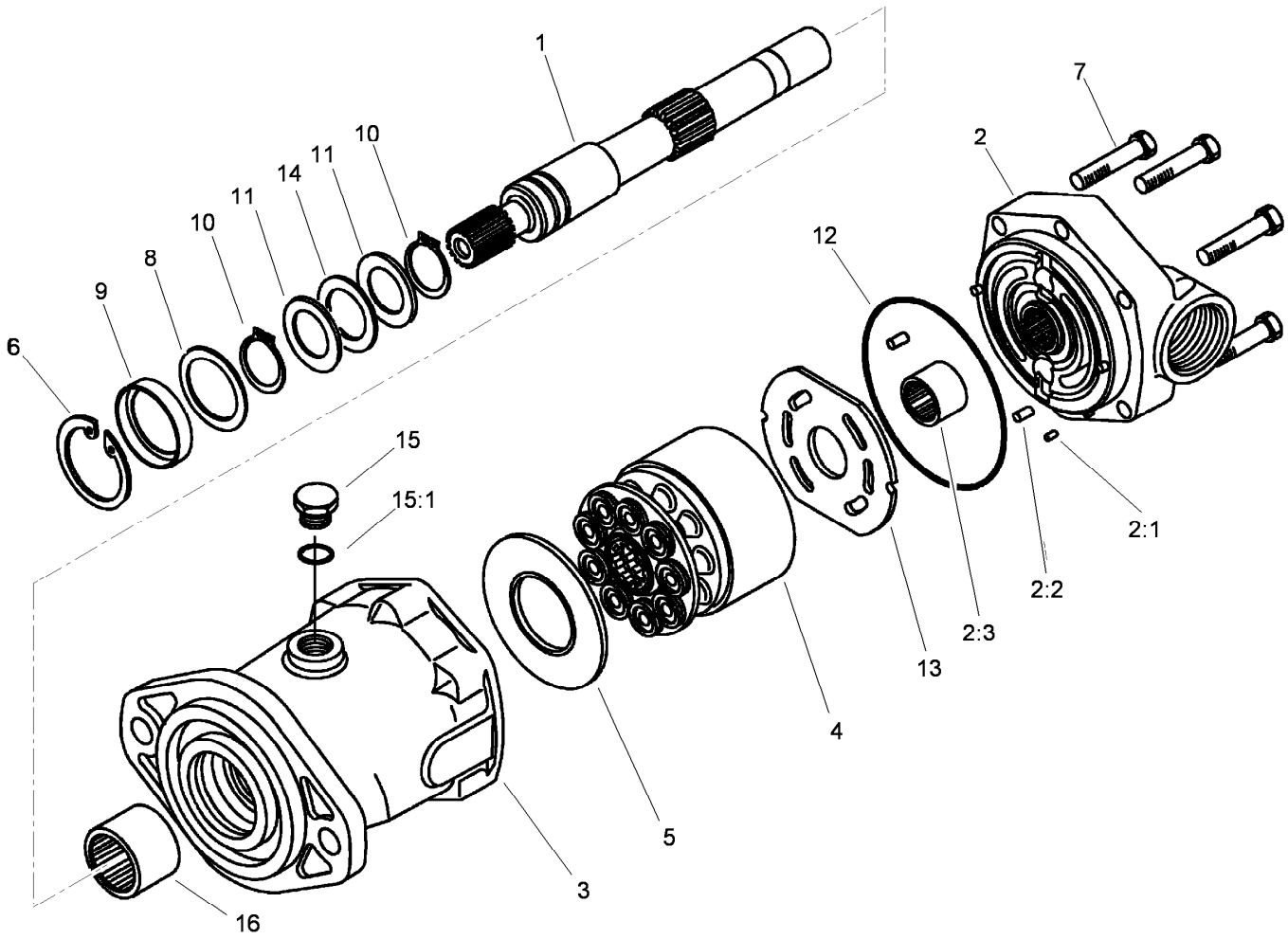
RH Brake Assembly No. 100-3069

Ref.	*Part Number*	*Qty.*	*Description*
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	104-4278	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	104-4280	1	Actuator-Rotating
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball
14	353-990	2	Plug ASM
14:1	237-78	1	O-Ring



LH Brake Assembly No. 100-3070

Ref.	*Part Number*	*Qty.*	*Description*
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	104-4278	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	104-4279	1	Actuator-Rotating
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball
14	353-990	2	Plug ASM
14:1	237-78	1	O-Ring

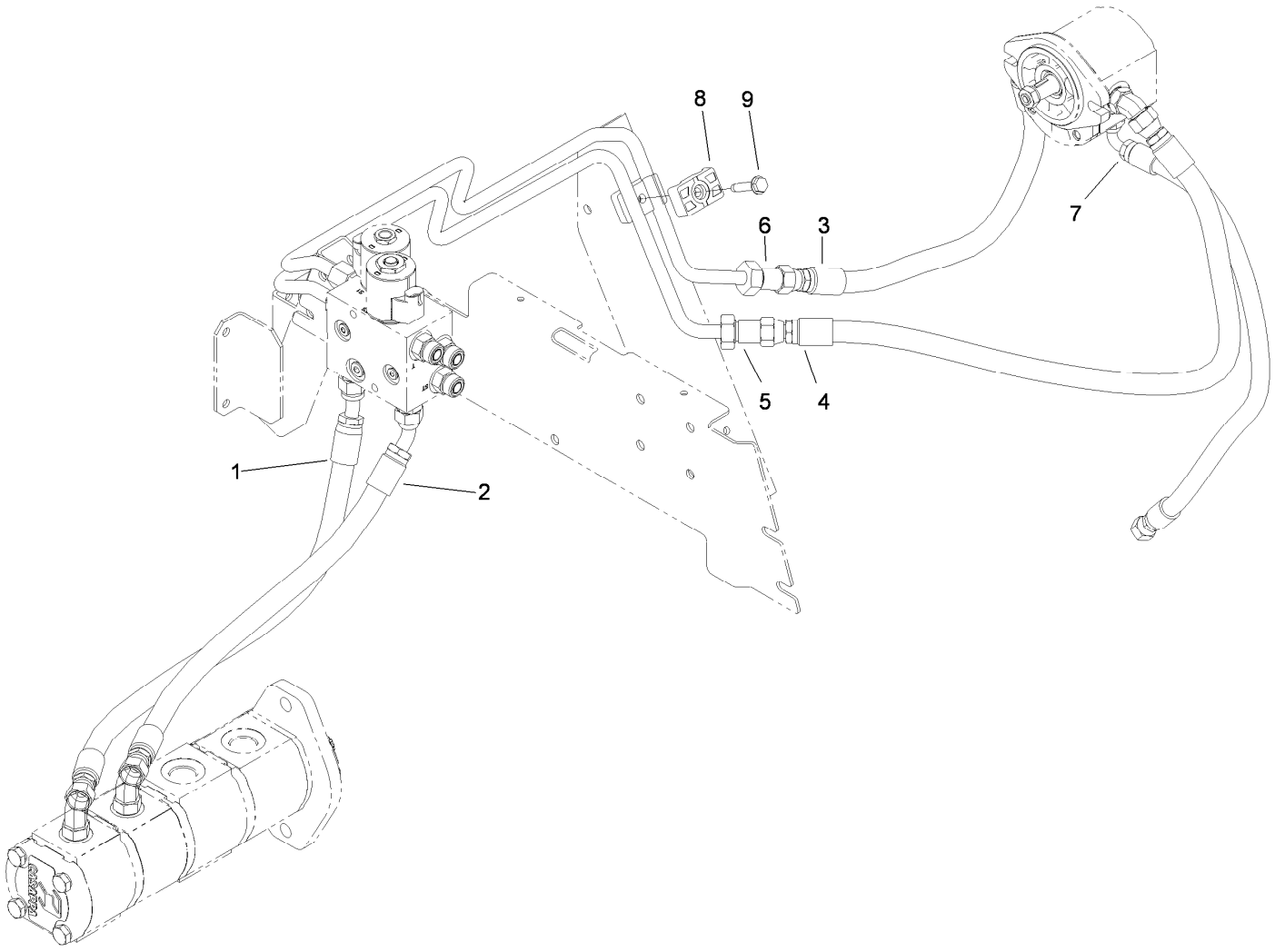


Piston Motor Assembly No. 105-1218

Ref.	Part Number	Qty.	Description
1	94-3004	1	Shaft-Drive, Splined
2	105-2851	1	Backplate ASM
2:1		3	Pin-Dowel ●
2:2		1	Pin-Dowel ●
2:3		1	Bearing-Needle ●
3		1	Housing ●
4	76-6910	1	Rotating Kit
5	76-6970	1	Insert-Plate, Cam
6	60-6260	1	Ring
7	94-3002	6	Capscrew

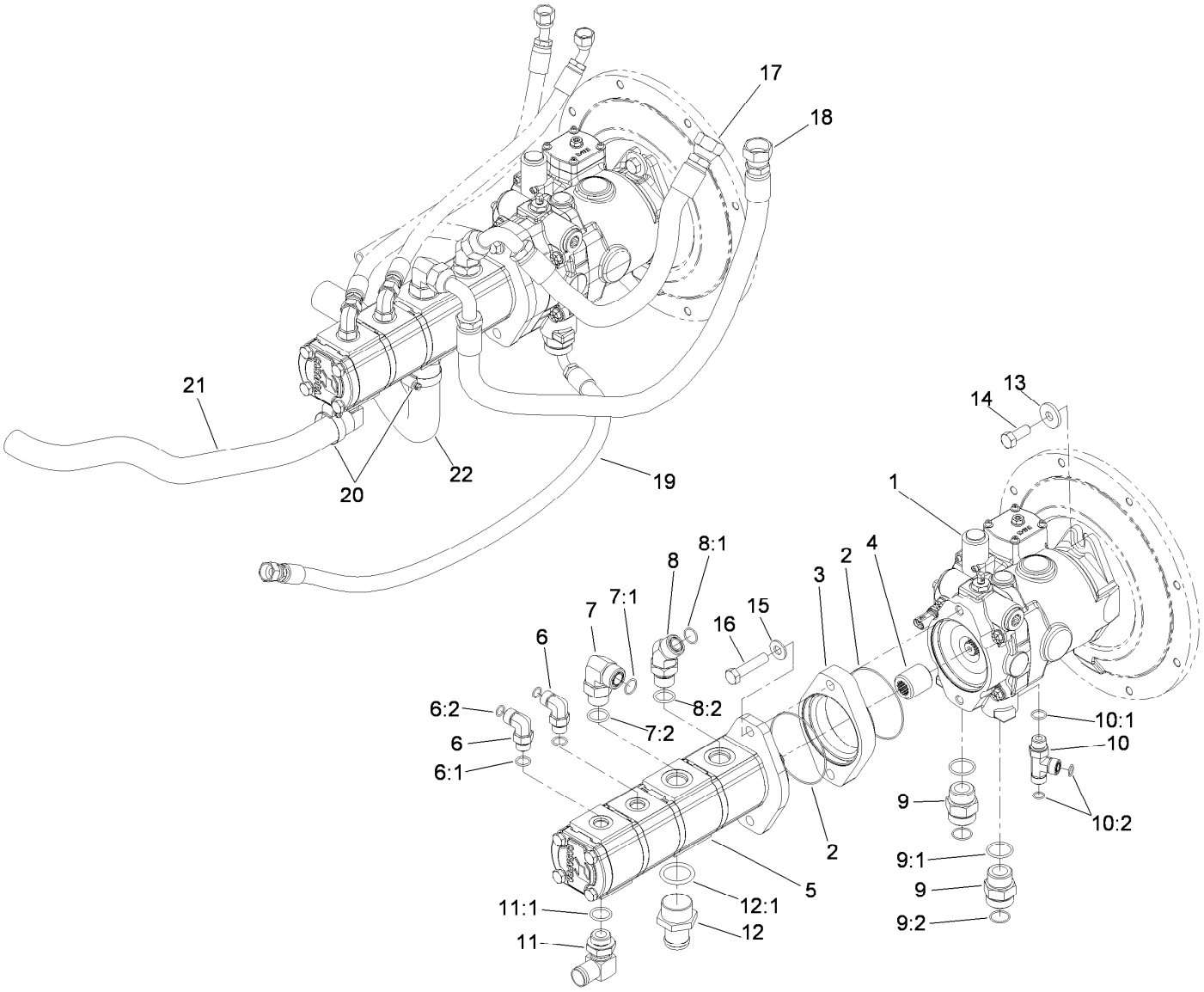
Ref.	Part Number	Qty.	Description
8	60-6240	1	Washer
9	105-3331	1	Seal-Shaft
10	76-7000	2	Ring-Retaining
11	76-6950	2	Race-Thrust
12	76-6980	1	O-Ring
13	94-3003	1	Plate-Valve
14	76-6960	1	Bearing-Thrust
15	353-550	1	Plug-HYD, HH
15:1	237-79	1	O-Ring
16	63-4390	1	Bearing-Needle

● Not serviced separately



Fan Plumbing Assembly

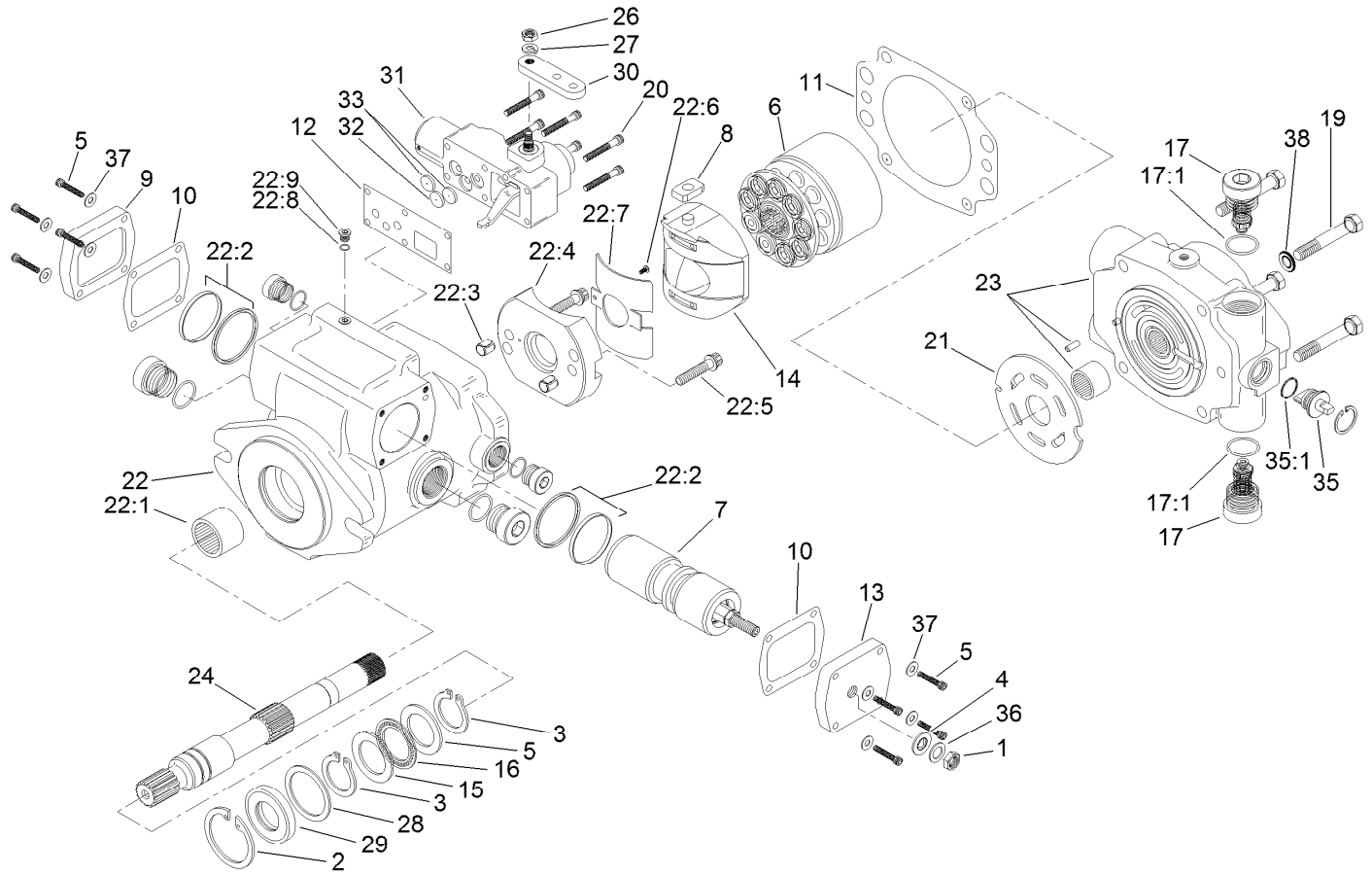
Ref.	*Part Number*	*Qty.*	*Description*
1	115-4438	1	Hose-HYD
2	115-4439	1	Hose-HYD
3	92-2406	1	Hose-HYD
4	115-9116	1	Hose-HYD
5	115-9122	1	Tube-HYD
6	115-9123	1	Tube-HYD
7	115-4434	1	Hose-HYD
8	56-7976	2	Clamp-Tube
9	32144-57	1	Screw



Hydraulic Pump and Plumbing Assembly

Ref.	Part Number	Qty.	Description
1	114-4188	1	Piston Pump ASM
2	115-3009	2	O-Ring
3	115-3757	1	Spacer-Pump
4	115-3011	1	Coupler-Pump
5	114-4189	1	4-Section Pump ASM
6	340-98	2	Fitting-HYD, 90 DEG
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-142	1	Fitting-HYD, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	100-5530	1	Fitting-HYD, 45 DEG
8:1	237-58	1	O-Ring
8:2	237-81	1	O-Ring
9	104-3797	2	Fitting-HYD, Straight
9:1	237-146	1	O-Ring
9:2	340-65	1	O-Ring

Ref.	Part Number	Qty.	Description
10	340-109	1	Fitting-HYD, Tee
10:1	237-79	1	O-Ring
10:2	237-30	2	O-Ring
11	100-4202	1	Fitting-HYD, 90 DEG
11:1	237-81	1	O-Ring
12	104-5480	1	Fitting-Hose, Straight
12:1	237-123	1	O-Ring
13	110-6147	2	Washer-Flat
14	325-5	2	Screw-HH
15	87-7270	2	Washer-Thrust
16	115-8488	2	Screw-HH
17	117-4762	1	Hose-HYD
18	115-4384	1	Hose-HYD
19	120-1688	1	Hose ASM
20	2412-111	2	Clamp
21	115-4447	1	Hose-Suction
22	119-3902	1	Hose-Suction

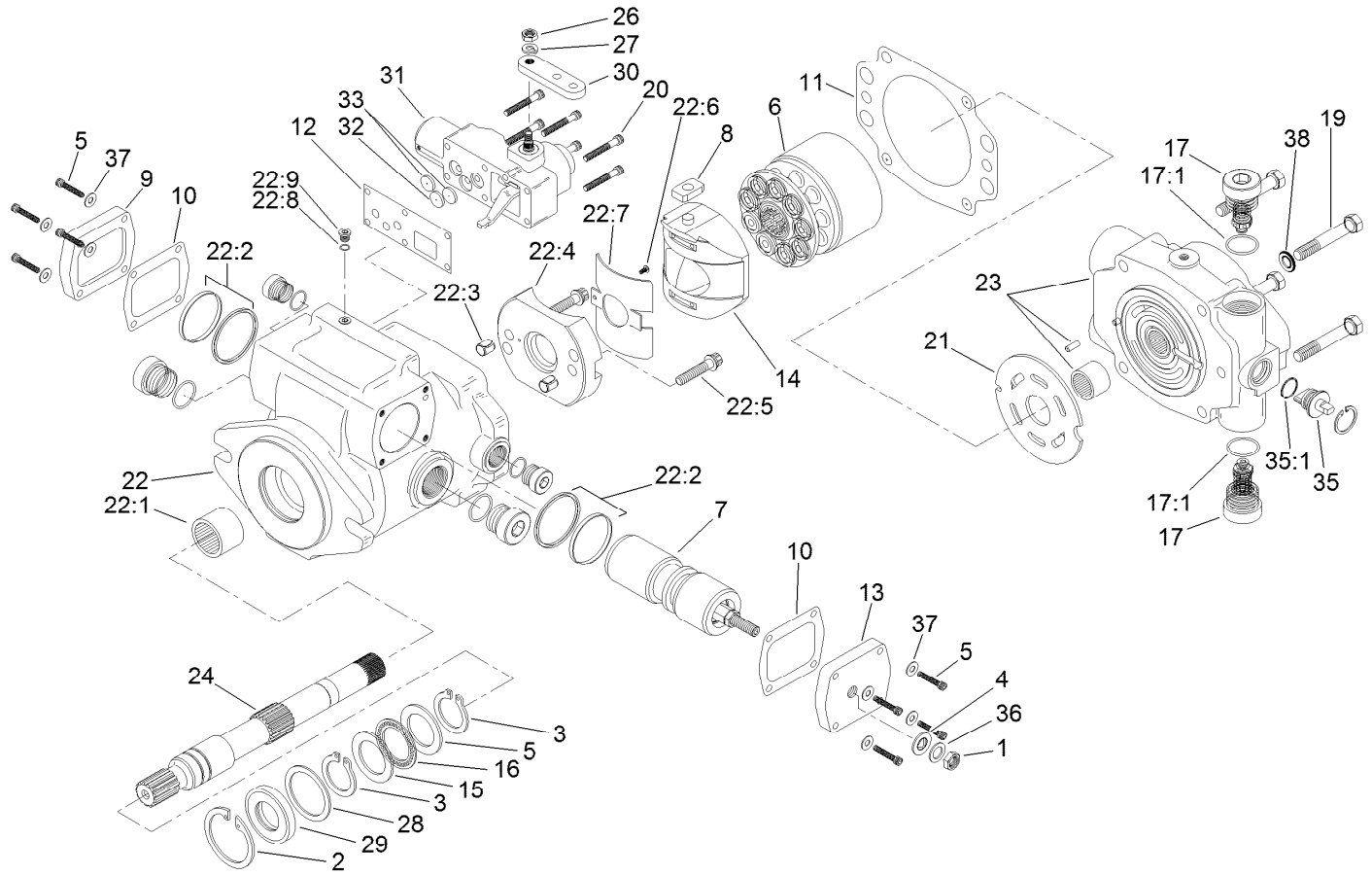


Piston Pump Assembly No. 114-4188

Ref.	Part Number	Qty.	Description
1	3220-3	1	Nut-HJ
2	60-6260	1	Ring
3	76-7000	2	Ring-Retaining
4	94-3027	1	Washer-Seal
5	93-6337	8	Screw
6	105-9851	1	Rotating Kit
7	105-4572	1	Servo Piston ASM
8	94-3032	1	Follower-Piston
9	94-3033	1	Plate-Cover
10	93-6339	2	Gasket
11	105-2900	1	Gasket-Housing
12	105-2901	1	Gasket-Housing, Control
13	105-9853	1	Plate-Cover
14	94-3026	1	Camplate ASM
15	76-6950	2	Race-Thrust
16	76-6960	1	Bearing-Thrust
17	105-2857	2	Valve-Relief
17:1		1	O-Ring ●

Ref.	Part Number	Qty.	Description
19	323-45	4	Screw-HH
20	93-6324	6	Screw
21	105-9854	1	Plate-Valve
22	105-9855	1	Housing ASM
22:1		1	Bearing ●
22:2		2	Seal ASM ●
22:3		2	Dowel-Bushing ●
22:4		1	Cradle ASM ●
22:5		2	Screw ●
22:6		1	Screw ●
22:7		1	Bushing ●
22:8		1	O-Ring ●
22:9		1	Plug ●
23	115-4445	1	Endcover Sub ASM
24	115-3008	1	Shaft-Drive
26	93-6327	1	Nut
27	3253-3	1	Washer-Lock
28	60-6240	1	Washer

● Not serviced separately

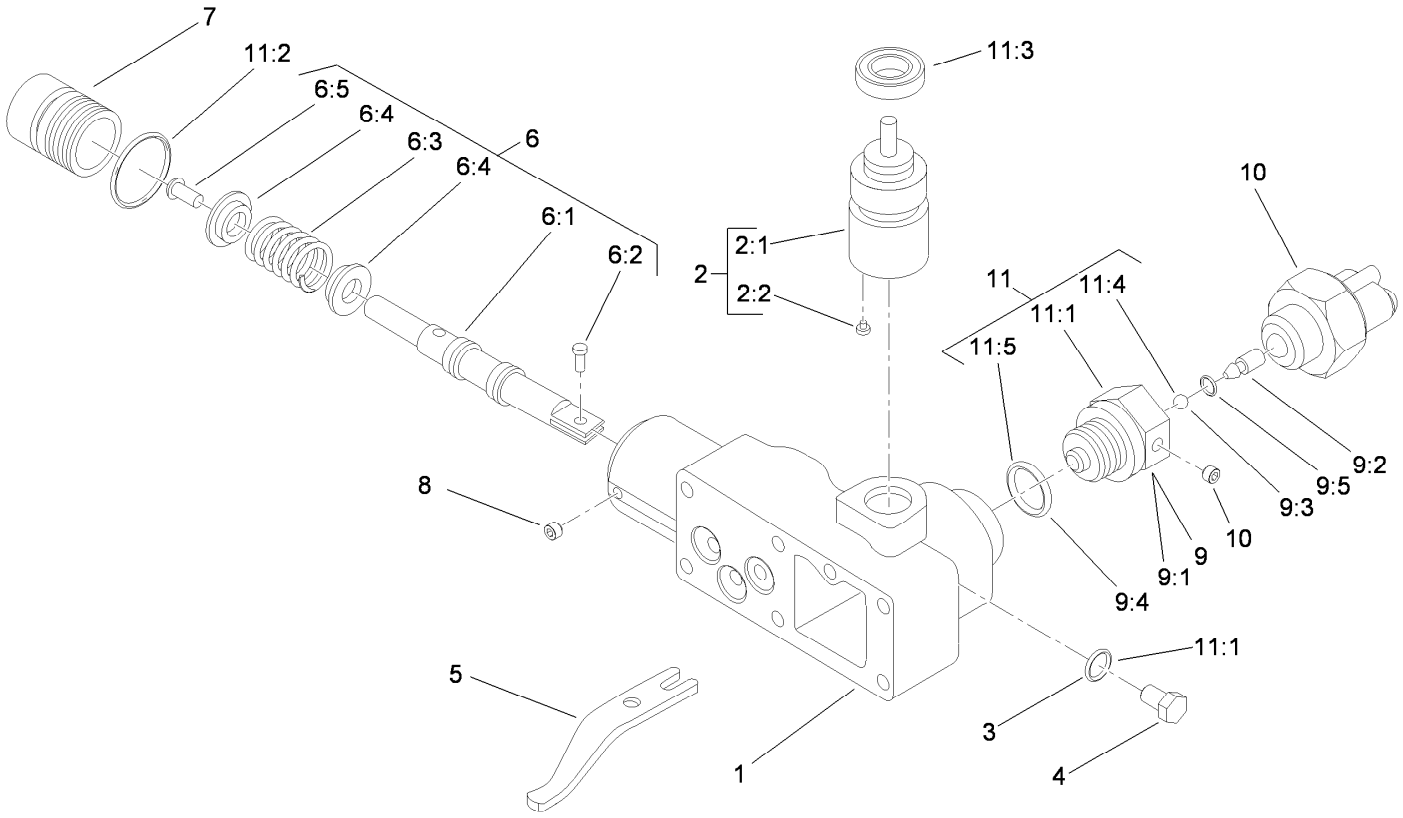


Piston Pump Assembly No. 114-4188 (continued)

Ref.	Part Number	Qty.	Description
29	105-3331	1	Seal-Shaft
30	110-0036	1	Arm-Control
31	115-4446	1	Manual Servo Control ASM
32	105-2909	1	Orifice-Control, .036 Dia
33	94-3041	2	Orifice-Control (.028 Dia)

Ref.	Part Number	Qty.	Description
35	105-2864	1	Valve-Bypass
35:1		1	O-Ring ●
36	94-3030	1	Washer
37	93-6336	8	Washer
38	105-9762	4	Washer

● Not serviced separately

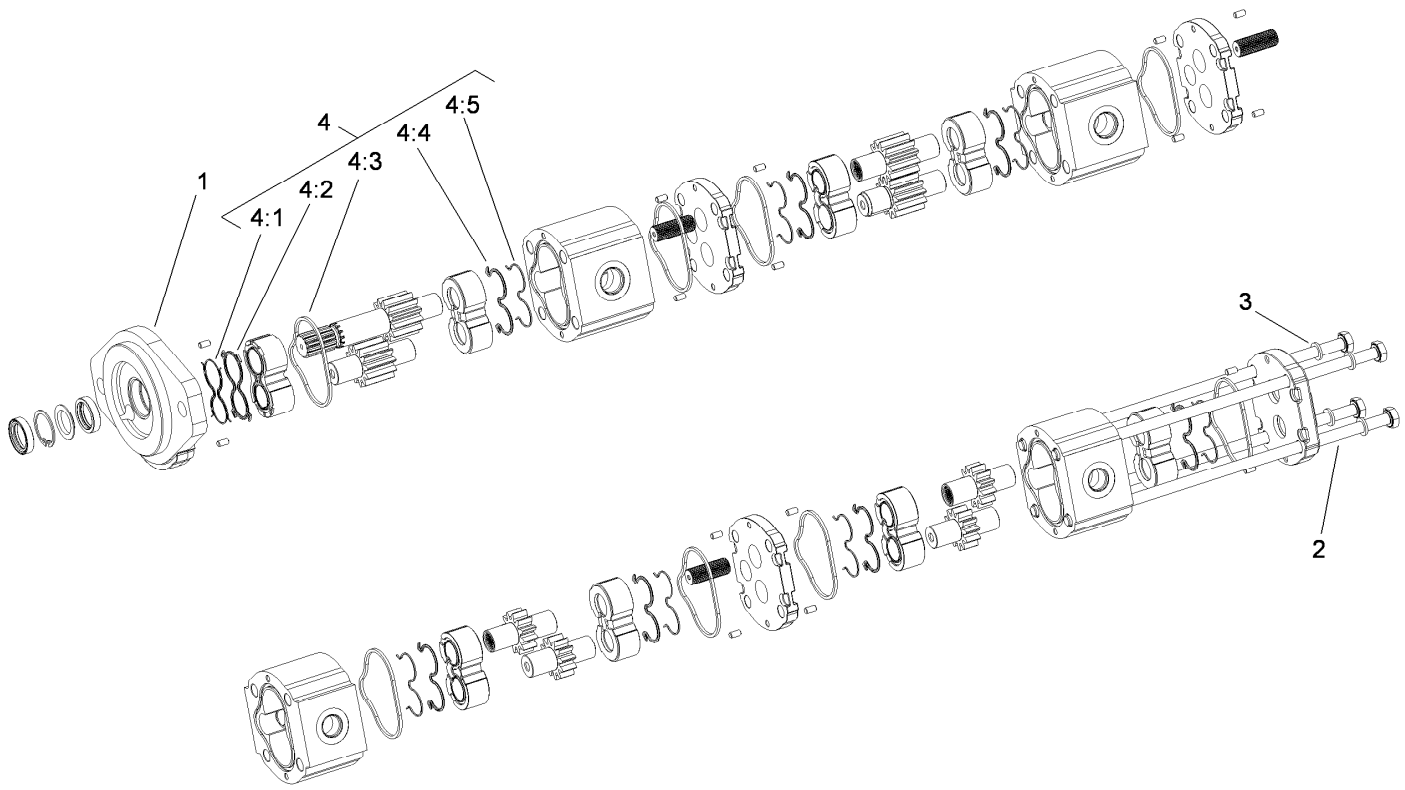


Control Assembly No. 115-4446

Ref.	Part Number	Qty.	Description
1		1	Housing-Control ●
2	108-7099	1	Input Control Shaft ASM
2:1		1	Shaft ●
2:2		1	Pin ●
3		1	O-Ring ●
4		1	Plug ●
5		1	Link-Feedback ●
6	108-7098	1	Valve Spool ASM
6:1		1	Valve-Spool ●
6:2		1	Pin-Dowel ●
6:3		1	Spring ●
6:4		2	Retainer ●
6:5		1	Screw ●
7		1	Plug ●

Ref.	Part Number	Qty.	Description
8		2	Screw-Set ●
9	108-8003	1	Adaptor ASM
9:1		1	Adaptor-Lockout, Neutral ●
9:2		1	Pin ●
9:3		1	Ball ●
9:4		1	O-Ring ●
9:5		1	O-Ring ●
10	115-3795	1	Switch-Neutral
11	94-3044	1	Seal Kit
11:1	117-8979	1	Seal-Shaft
11:2	105-2901	1	Gasket-Housing, Control
11:3		1	O-Ring ●
11:4		1	O-Ring ●
11:5		1	Seal-Wiper ●

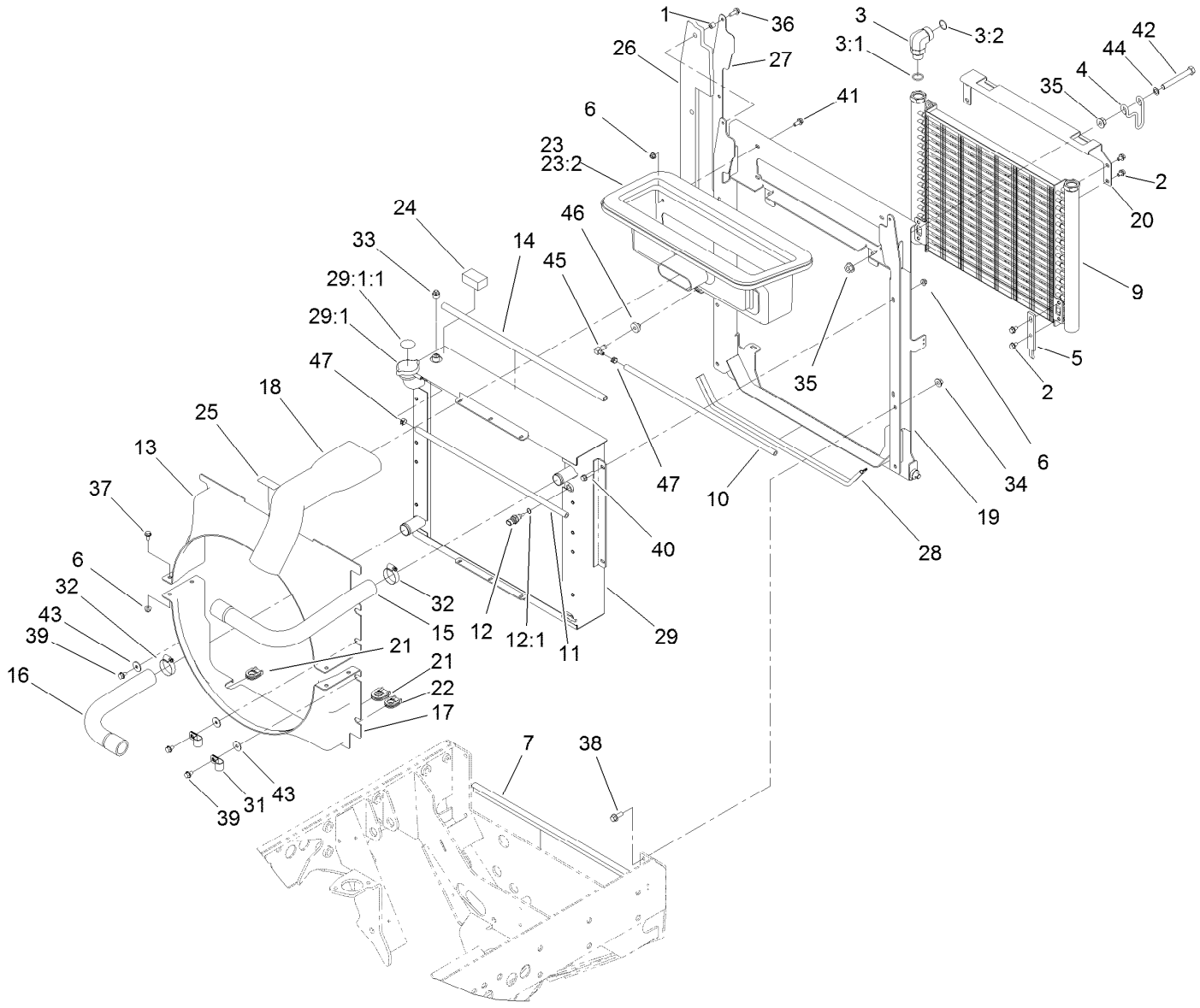
● Not serviced separately



Four Section Pump Assembly No. 114-4189

Ref.	*Part Number*	*Qty.*	*Description*
1	115-3774	1	Cover-Front
2	115-4444	4	Bolt
3	115-9138	4	Washer
4	115-3776	1	Seal Kit
4:1		1	Seal ●
4:2		1	Seal ●
4:3		8	Seal ●
4:4		7	Seal ●
4:5		7	Seal ●

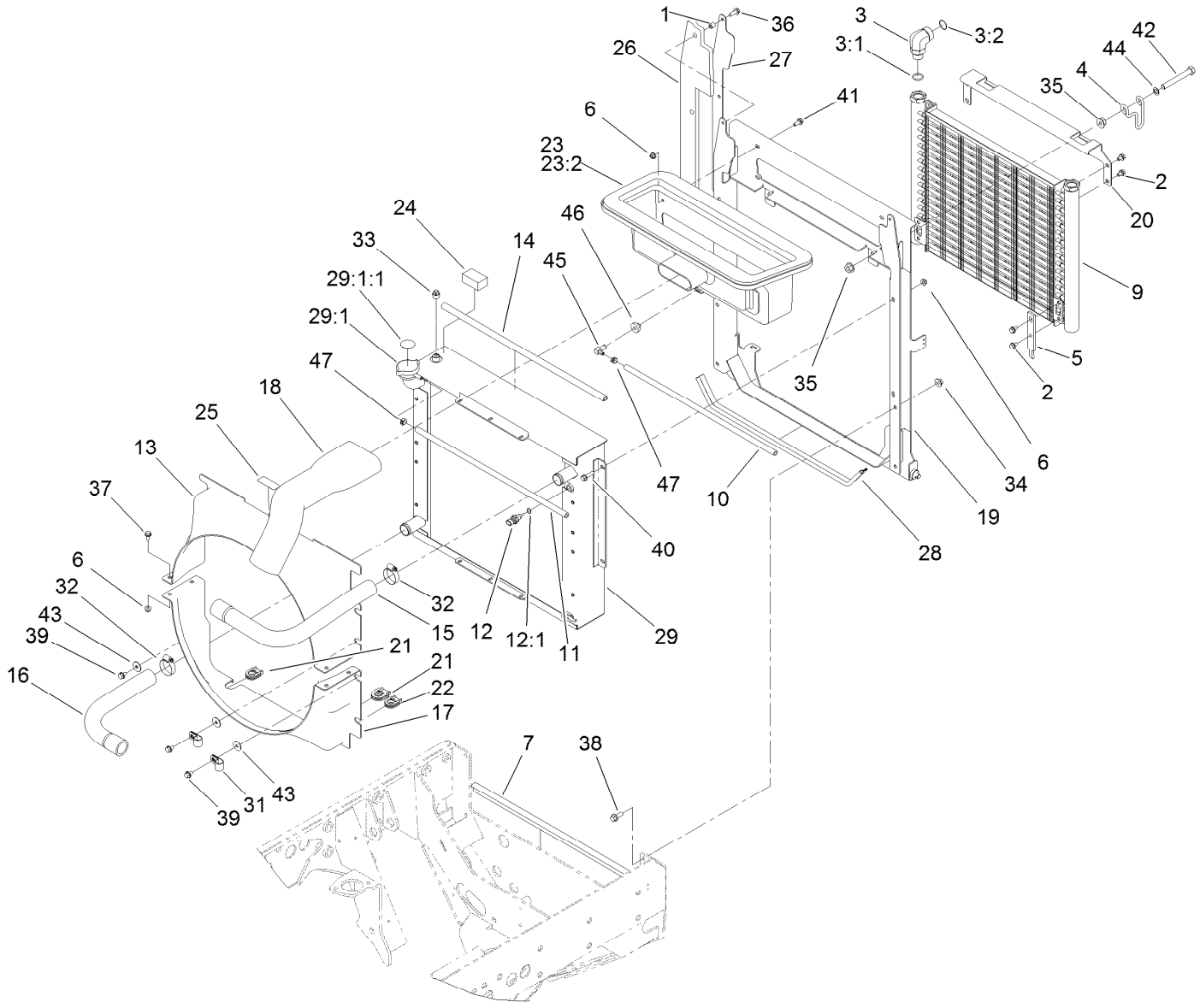
● Not serviced separately



Radiator Assembly

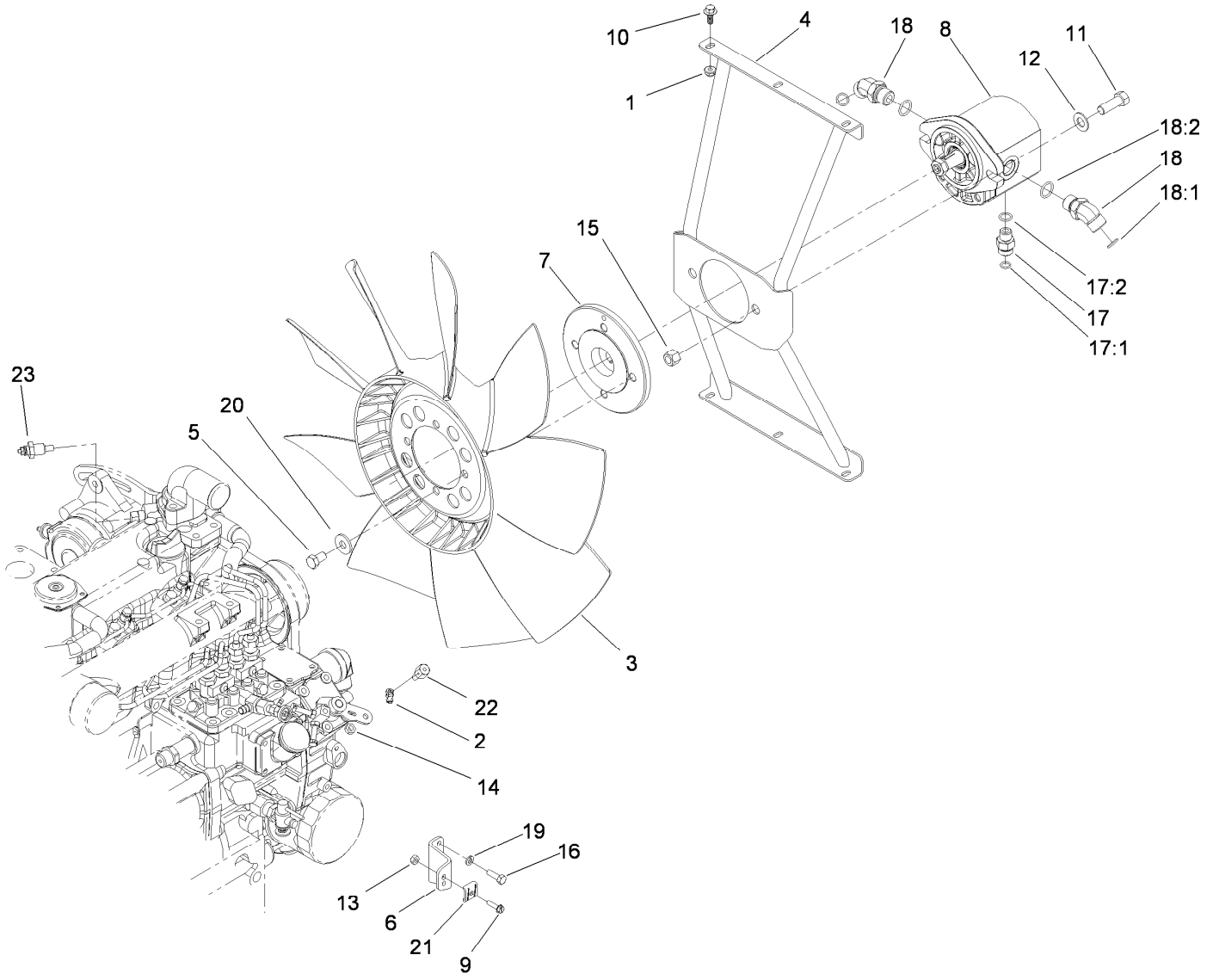
Ref.	Part Number	Qty.	Description
1	1-603903	6	Spacer
2	100-1719	8	Screw-Flange
3	104-3796	2	Fitting-HYD, 90 DEG
3:1	237-81	1	O-Ring
3:2	340-65	1	O-Ring
4	104-5429	2	Clamp-Form, Wire
5	104-5460-03	2	Plate-Mount, Oil Cooler
6	104-8300	12	Nut-Flange, NI
7	105-9858	1	Seal-Bulb
9	110-0485	1	Cooler-Oil
10	110-3258	1	Hose-Fuel
11	110-6184	1	Hose-Fuel
12	110-8829	1	Sender-Temperature
12:1	237-42	1	O-Ring
13	114-3816	1	Shroud-Radiator, Upper
14	114-3828	1	Seal-Bulb
15	114-3831	1	Hose-Radiator, Upper
16	114-3832	1	Hose-Radiator, Lower
17	114-3834	1	Shroud-Radiator, Lower
18	114-4152	1	Hose-Air Cleaner
19	114-4153-03	1	Radiator Mount ASM

Ref.	Part Number	Qty.	Description
20	114-4193	1	Bracket-Oil Cooler,Top
21	115-3763	2	Grommet (.800 Id)
22	115-3764	1	Grommet (.680 Id)
23	115-4363	1	Plenum ASM
23:2	115-4393	1	Seal-Plenum
24	115-9133	2	Seal-Foam
25	117-4766	1	Decal-Warning, Fan
26	117-4780	2	Seal-Foam, Hood
27	117-4781-03	2	Bracket-Seal Hood
28	117-4782	1	Seal-Bulb
29	119-3871	1	Radiator
29:1	115-7766	1	Cap-Radiator
29:1:1	106-6755	1	Decal-Cap, Radiator
31	2412-81	2	Clamp-R
32	2412-111	4	Clamp
33	281-13	1	Plug-Pipe
34	32128-43	4	Nut-Flange
35	32128-49	4	Nut-HHF
36	32144-41	2	Screw-Taptite
37	3234-7	4	Screw-HHF
38	3234-11	4	Screw-HHF



Radiator Assembly (continued)

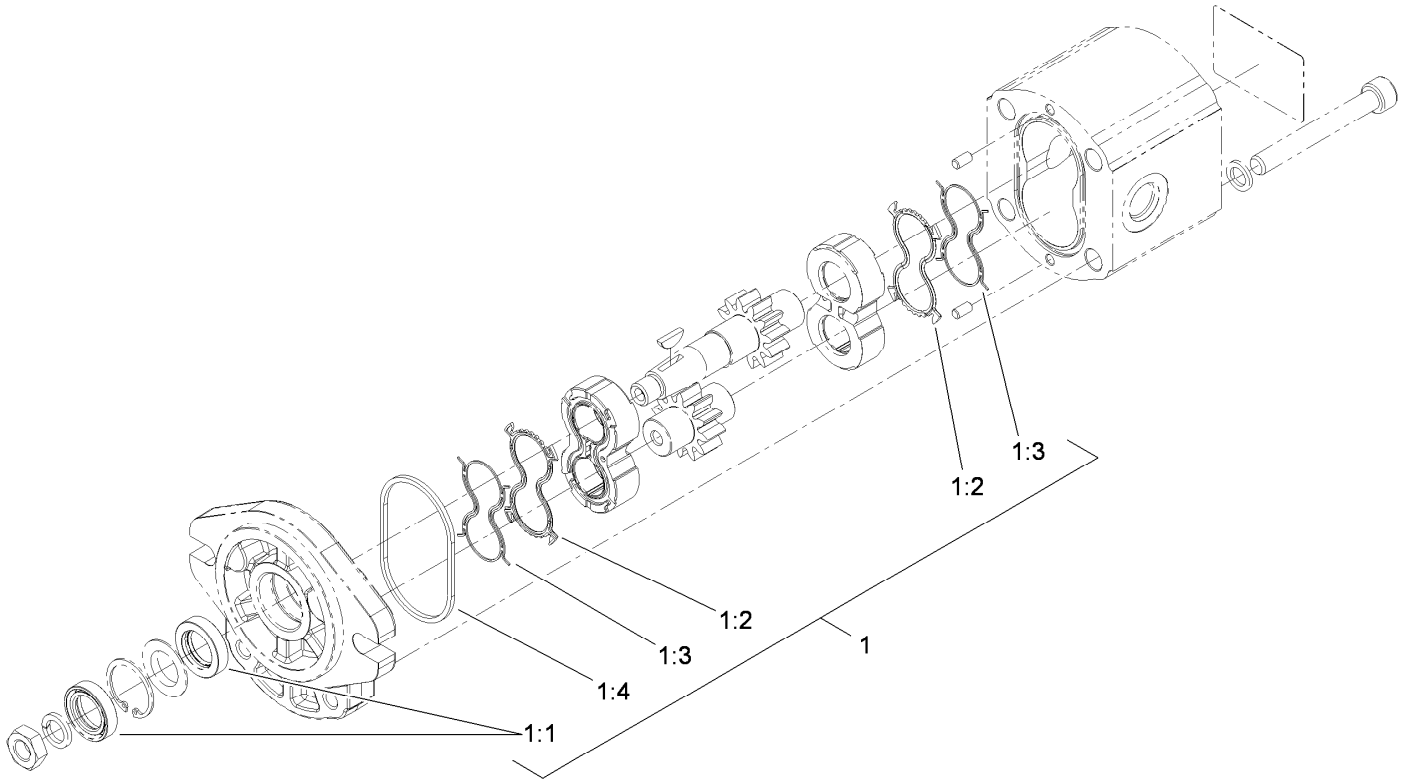
Ref.	Part Number	Qty.	Description
39	3234-30	8	Screw-HHF
40	3234-36	4	Screw-HHF
41	3234-47	4	Screw-HHF
42	325-17	2	Screw-HH
43	3256-82	8	Washer-Flat
44	41-8440	2	Washer
45	46-6550	1	Fitting-Elbow, 90 DEG
46	46-6560	1	Bushing
47	92-2379	2	Clamp-Hose



Fan and Motor Assembly

Ref.	Part Number	Qty.	Description
1	104-7201	6	Nut-HF
2	112-9919	1	Stop-Cable, Throttle
3	114-3825	1	Fan
4	114-9764-03	1	Bracket-Motor, Fan
5	115-8486	4	Screw-HH
6	115-9114-03	1	Support-Cable, Throttle
7	117-2364	1	Hub-Fan
8	117-4769	1	HYD Motor ASM
9	32105-13	1	Screw-HWH
10	99-6810	6	Screw-HHF
11	324-5	2	Screw-HH
12	3256-25	2	Washer-Flat
13	3296-2	1	Nut-Lock, NI
14	3296-13	1	Nut-Lock, NI

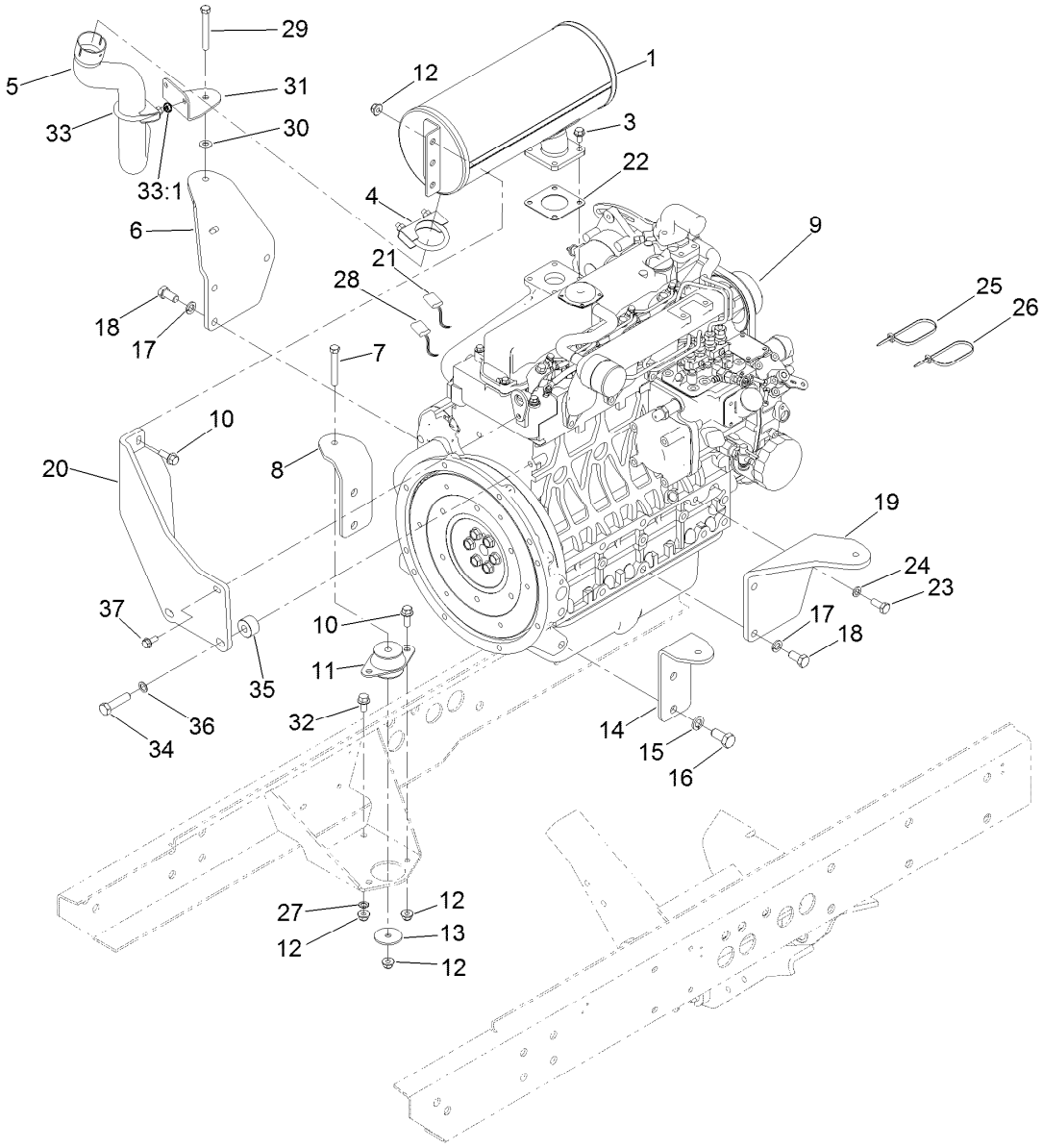
Ref.	Part Number	Qty.	Description
15	3296-48	2	Nut-Lock, NI
16	33113-020	2	Screw-HH
17	340-2	1	Fitting-HYD, Straight
17:1	237-22	1	O-Ring
17:2	237-42	1	O-Ring
18	340-101	2	Fitting-HYD, 45 DEG
18:1	237-30	1	O-Ring
18:2	237-79	1	O-Ring
19	43-5930	2	Washer-Lock, Spring
20	80-6990	4	Washer-Hardened
21	81-1690	1	Clamp-Cable
22	93-0021	1	Swivel-Cable, Throttle
23	98-9346	1	Sender-Temperature



Hydraulic Motor Assembly No. 117-4769

Ref.	*Part Number*	*Qty.*	*Description*
1	115-4110	1	Seal Kit
1:1		2	Seal-Shaft ●
1:2		2	Seal-Plate, Balancing ●
1:3		2	Seal-Anti Extrusion ●
1:4		2	O Ring-Housing ●

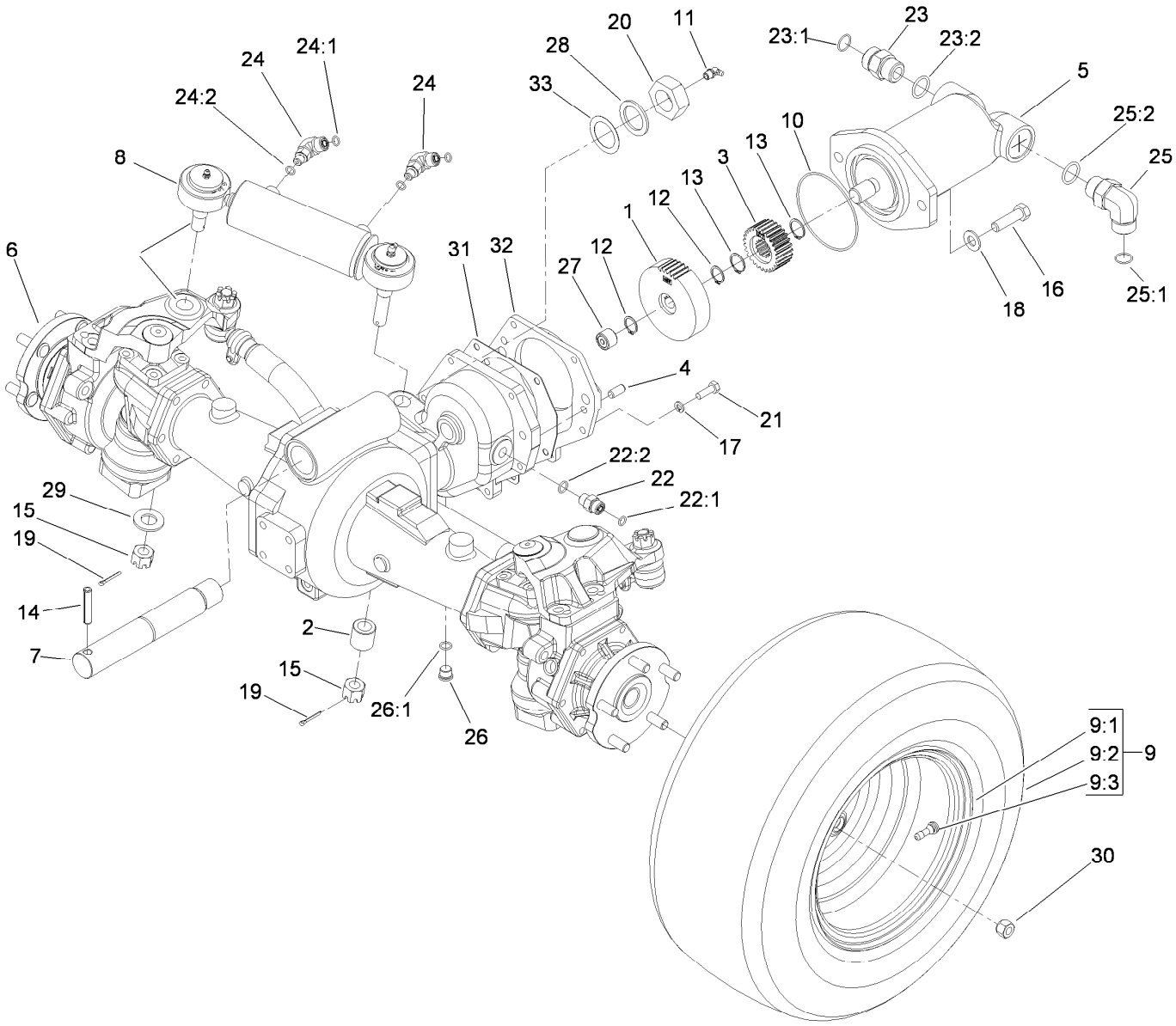
● Not serviced separately



Engine Mounting and Exhaust Assembly

Ref.	Part Number	Qty.	Description
1	119-3860	1	Muffler
3	33104-016	4	Screw-HHF
4	18-2130	1	Clamp
5	119-3880	1	Tailpipe
6	114-3807-03	1	Mount-Engine, RH
7	323-13	3	Screw-HH
8	114-4170-03	1	Mount-Engine, Front RH
9	125-2179	1	Engine-Kubota, V2403Dt
10	3234-11	10	Screw-HHF
11	53-9682	4	Mount-Engine
12	104-8301	15	Nut-Flange, NI
13	63-7400	4	Washer-Rebound
14	114-4169-03	1	Mount-Engine, Front, LH
15	43-5950	4	Washer-Lock, Spring
16	43-3210	4	Screw-HH
17	48-8070	5	Washer-Lock
18	42-9250	5	Bolt
19	114-3817-03	1	Mount-Engine, LH
20	120-1697-03	1	Muffler Bracket ASM

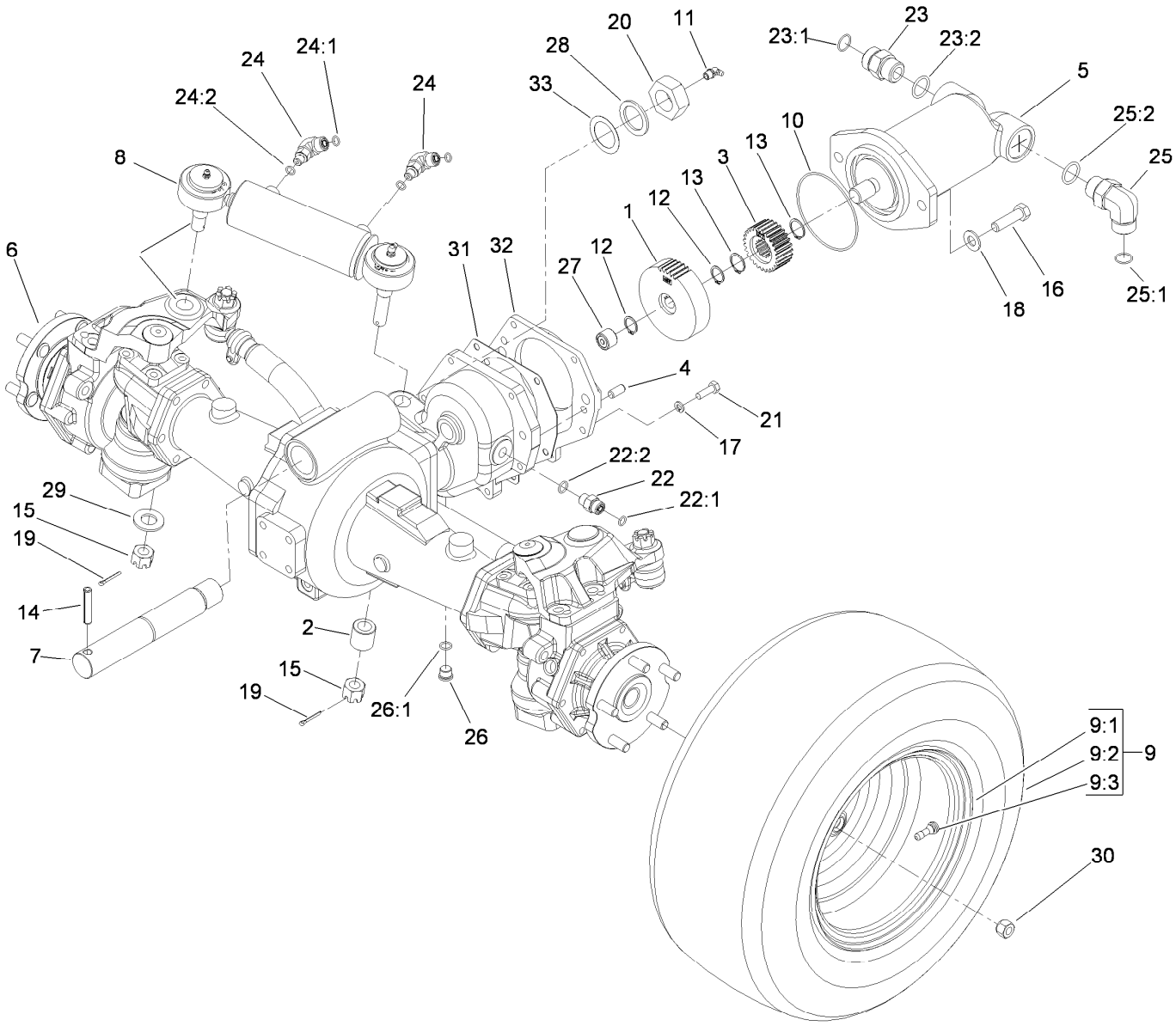
Ref.	Part Number	Qty.	Description
21	117-2370	1	Harness-Ground
22	100-9333	1	Gasket-Muffler
23	43-0090	1	Screw-HH
24	48-9590	1	Washer-Lock
25	3290-378	1	Tie-Cable
26	3290-379	2	Tie-Cable
27	3255-9	1	Washer-Lock
28	117-2374	1	Harness-Wire, Alternator
29	323-14	1	Screw-HH
30	3256-24	1	Washer-Flat
31	120-1692-03	1	Bracket-Muffler
32	3234-1	1	Screw-HHF
33	2112-6	1	Clamp-Muffler
33:1	3218-2	2	Nut-Jam
34	120-1698	2	Screw-HH
35	120-1699	2	Spacer
36	112-6957	2	Washer-Hardened
37	98-7977	1	Screw-HHF



Rear Axle Assembly

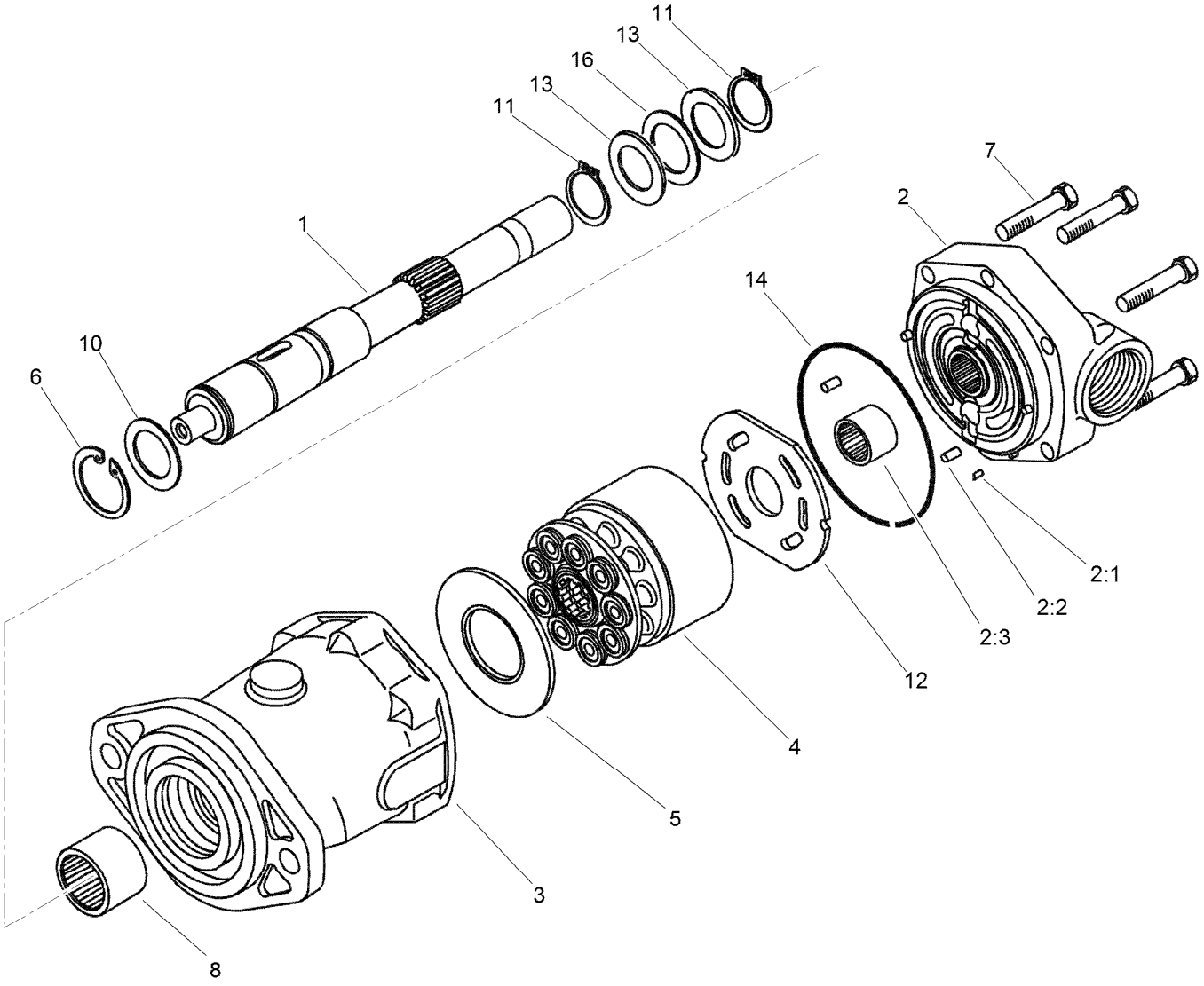
Ref.	Part Number	Qty.	Description
1	104-5664	1	Gear-44T
2	100-3796	1	Spacer-Joint, Ball
3	104-5663	1	Pinion-28T
4	104-2353	2	Pin-Dowel
5	105-1219	1	HYD Motor ASM
6	110-4750	1	Drive Axle ASM
7	115-9142	1	Pin-Rear Axle
8	119-3903	1	Steer Cylinder ASM
9	120-1666	2	Tire ASM
9:1	115-1573	1	Rim
9:2	117-5125	1	Tire
9:3	232-27	1	Stem-Valve
10	237-166	1	O-Ring
11	302-33	1	Fitting-Grease
12	32120-15	2	Ring-Snap, EXT
13	32120-76	2	Ring-Snap, EXT
14	32121-110	1	Pin-Roll, Slotted
15	32136-14	2	Nut-SHH
16	325-7	2	Screw-HH
17	3253-4	6	Washer-Lock
18	3256-26	2	Washer-Flat

Ref.	Part Number	Qty.	Description
19	3272-11	2	Pin-Cotter
20	3296-68	1	Nut-Lock, NI
21	33114-025	6	Screw-HH
22	340-2	1	Fitting-HYD, Straight
22:1	237-22	1	O-Ring
22:2	237-42	1	O-Ring
23	340-9	1	Fitting-HYD, Straight
23:1	237-58	1	O-Ring
23:2	237-81	1	O-Ring
24	340-97	2	Fitting-HYD, 90 DEG
24:1	237-22	1	O-Ring
24:2	237-78	1	O-Ring
25	340-142	1	Fitting-HYD, 90 DEG
25:1	237-58	1	O-Ring
25:2	237-81	1	O-Ring
26	353-989	1	Plug-Hex, Hollow
26:1	237-42	1	O-Ring
27	74-5700	1	Bearing-Needle, Roller
28	92-1765	1	Washer-Thrust
29	92-5836	1	Washer
30	93-5268	10	Nut-Lug



Rear Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
31	106-1140	1	Gasket
32	95-7541	1	Plate-Cover
33	98-3867	2	Washer-Thrust

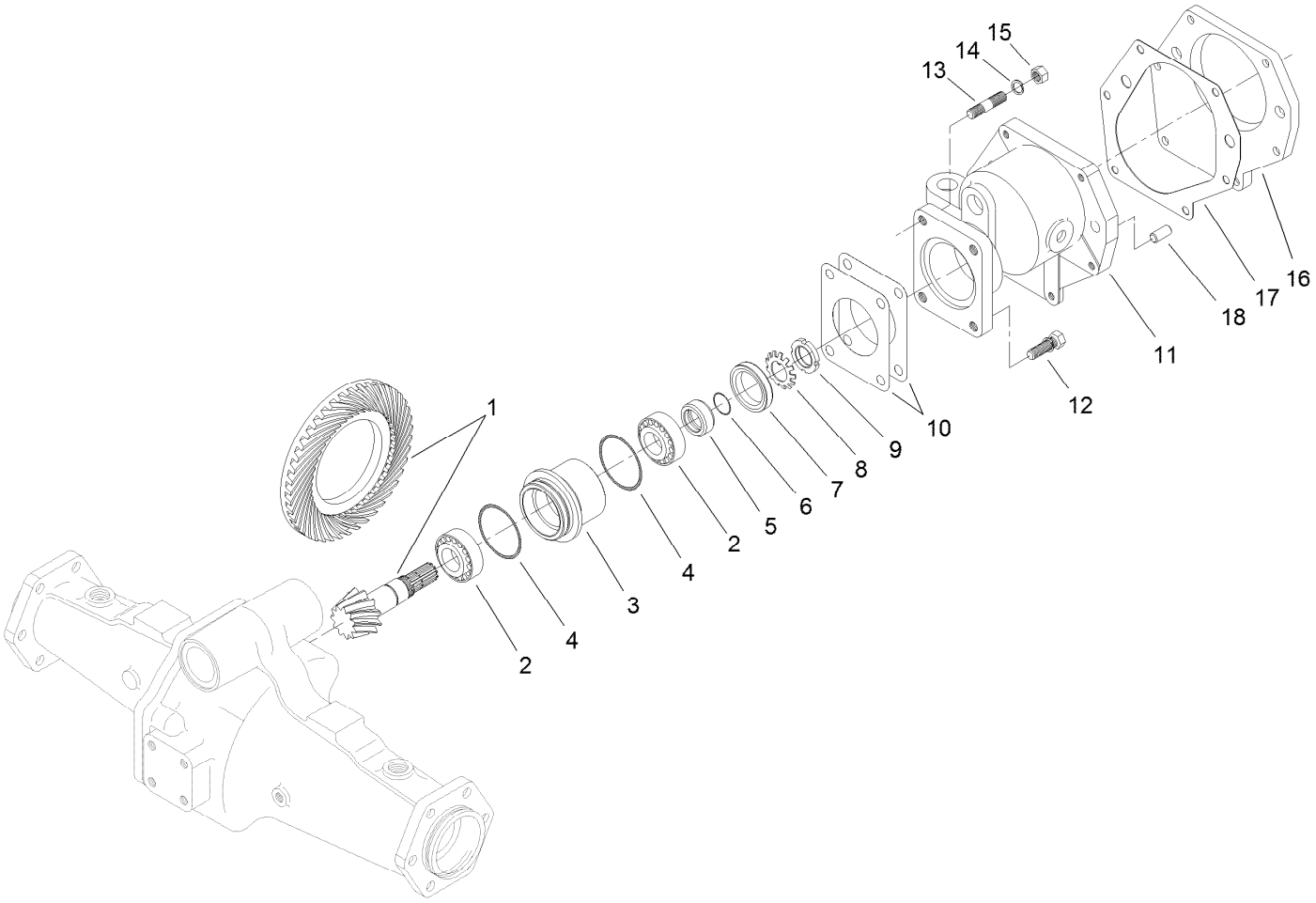


Piston Motor Assembly No. 105-1219

Ref.	Part Number	Qty.	Description
1	105-2853	1	Shaft-Drive
2	100-2551	1	Backplate
2:1		3	Pin-Dowel ●
2:2		1	Pin-Dowel ●
2:3		1	Bearing-Needle ●
3		1	Housing ●
4	76-6910	1	Rotating Kit
5	76-6970	1	Insert-Plate, Cam
6	60-6260	1	Ring

Ref.	Part Number	Qty.	Description
7	94-3002	6	Capscrew
8	63-4390	1	Bearing-Needle
10	76-7020	1	Spacer
11	76-7000	2	Ring-Retaining
12	94-3003	1	Plate-Valve
13	76-6950	2	Race-Thrust
14	76-6980	1	O-Ring
16	76-6960	1	Bearing-Thrust

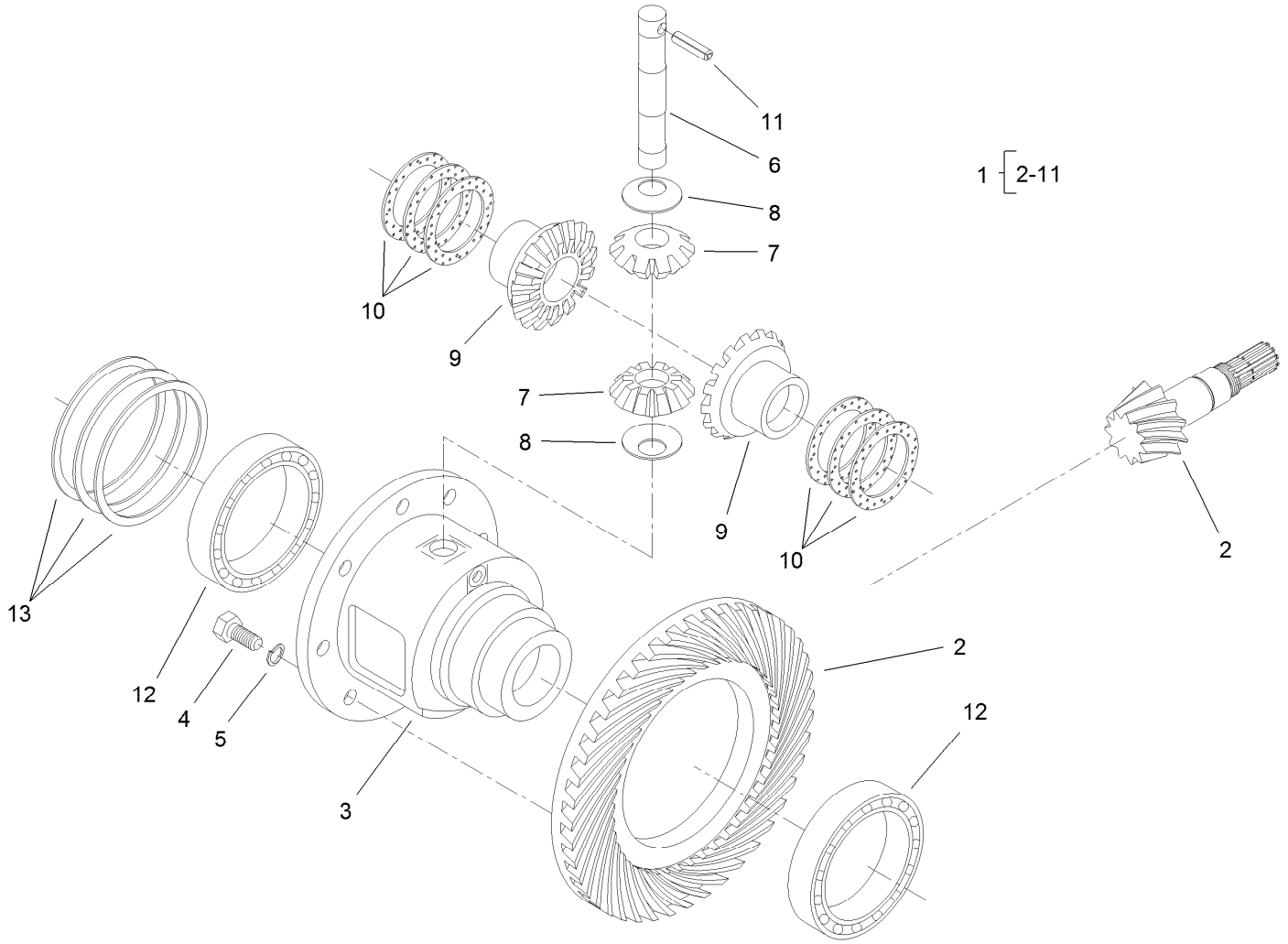
● Not serviced separately



Bevel Pinion Shaft Assembly
Rear Axle Assembly No. 110-4750

Ref.	*Part Number*	*Qty.*	*Description*
1	106-1093	1	Ring And Pinion, Matched Set
2	99-7570	2	Bearing-Roller, Taper
3	95-7534	1	Case-Bearing
4	106-1065	2	O-Ring
5	99-7572	1	Collar-Seal, Oil
6	106-1066	1	O-Ring
7	99-7574	1	Seal-Oil
8	99-7559	1	Washer-Lock
9	99-7560	1	Nut-Lock

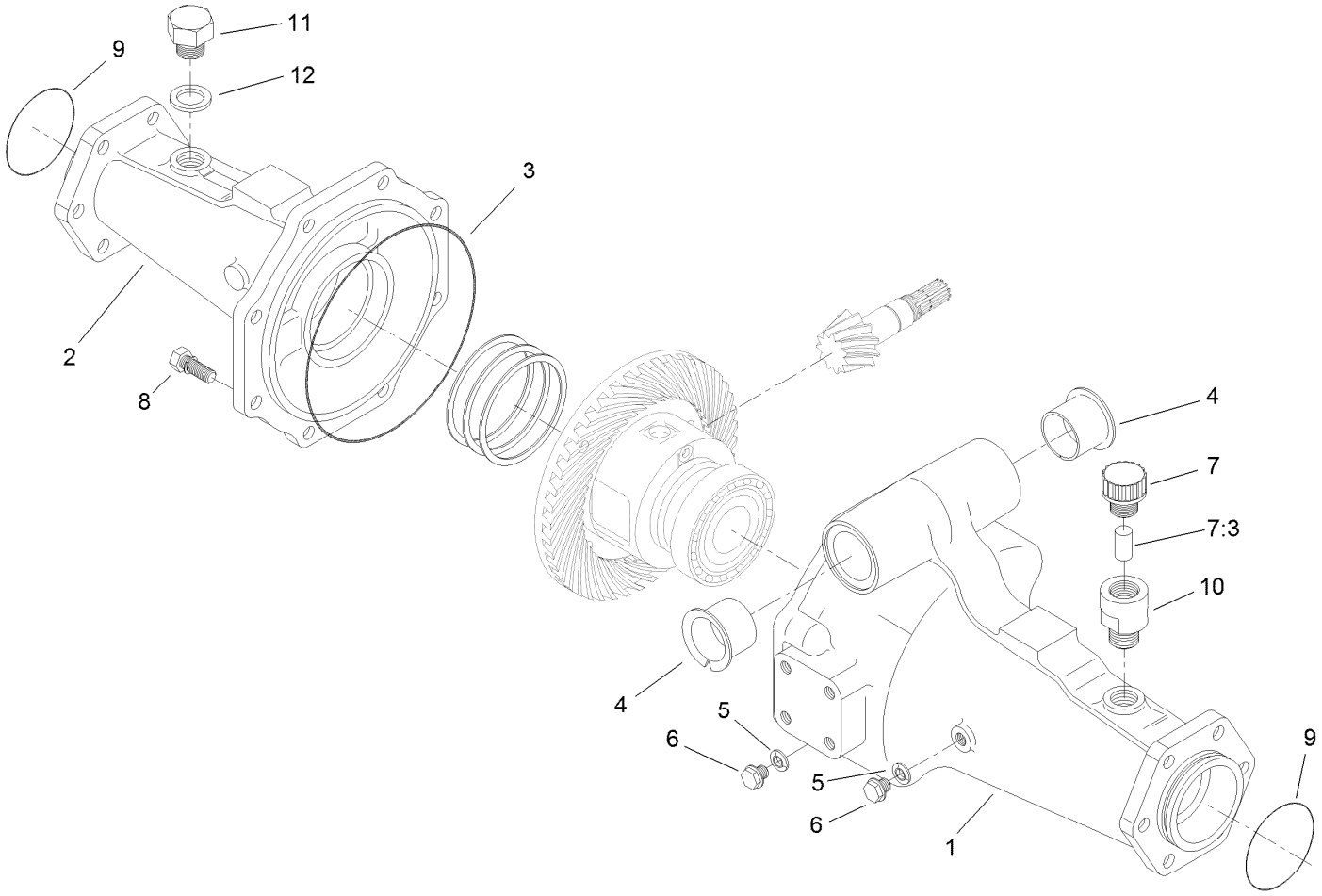
Ref.	*Part Number*	*Qty.*	*Description*
10	99-7550	2	Shim 0.1
10	99-7551	2	Shim 0.2
11	95-7533	1	Case-Gear
12	99-7575	2	Bolt
13	98-7735	2	Stud
14	99-7527	2	Washer-Spring
15	99-7526	2	Nut
16	95-7541	1	Plate-Cover
17	106-1140	1	Gasket
18	104-2353	2	Pin-Dowel



Differential Assembly
Rear Axle Assembly No. 110-4750

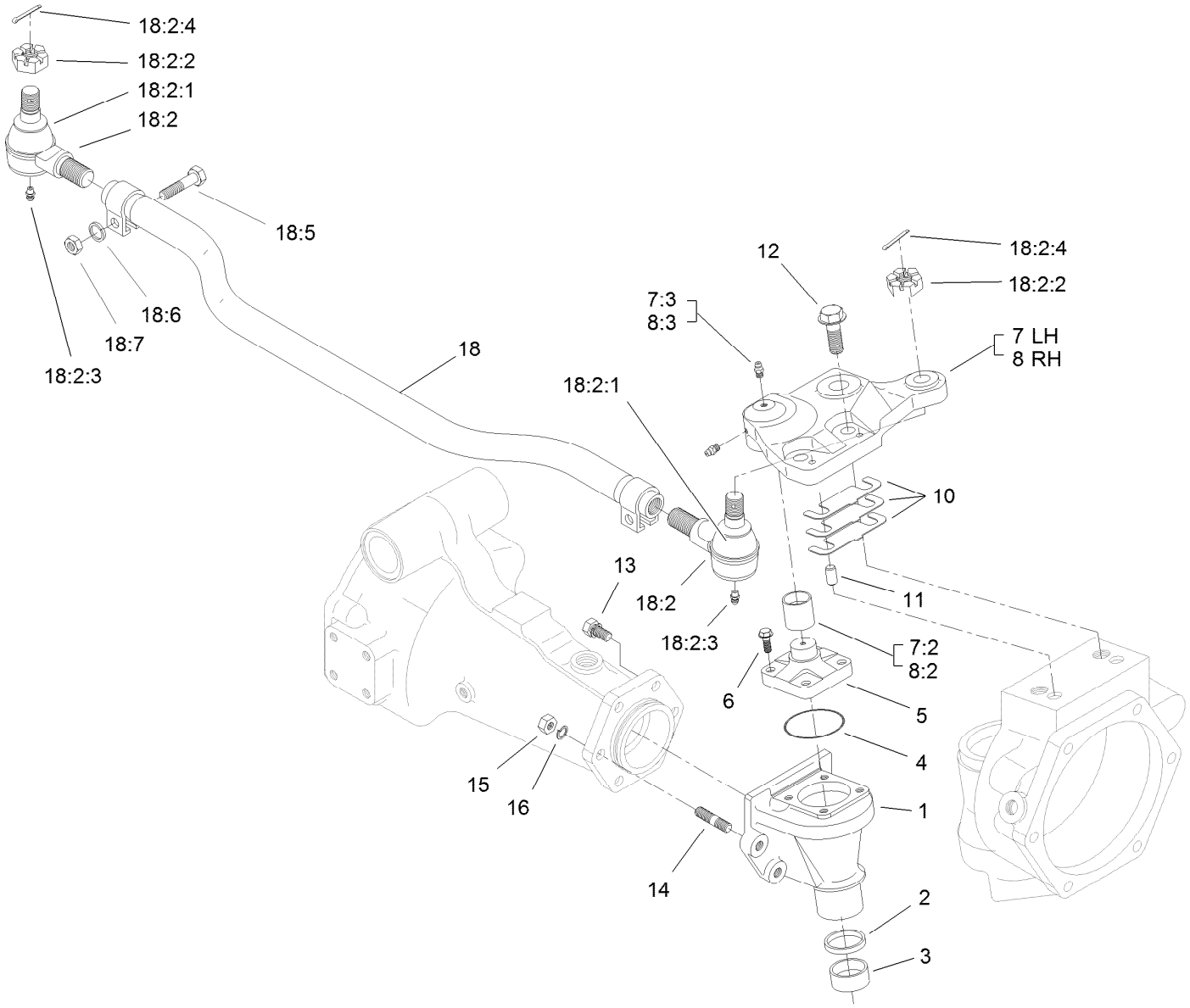
Ref.	*Part Number*	*Qty.*	*Description*
1	95-7503	1	Differential ASM
2	106-1093	1	Ring And Pinion, Matched Set
3	95-7502	1	Case-Differential
4	99-7576	8	Bolt
5	3253-4	8	Washer-Lock
6	99-7578	1	Shaft-Differential
7	99-7579	2	Pinion-Differential
8	99-7580	2	Washer-Differential

Ref.	*Part Number*	*Qty.*	*Description*
9	99-7581	2	Gear-Differential
10	99-7582	2	Washer-Differential
10	99-7583	2	Washer-Differential
10	99-7584	2	Washer-Differential
11	99-7588	1	Pin-Spring
12	99-7562	2	Bearing-Ball
13	99-7585	2	Shim 0.1
13	99-7586	2	Shim 0.2
13	99-7587	2	Shim 0.4



Axle Support Assembly
Rear Axle Assembly No. 110-4750

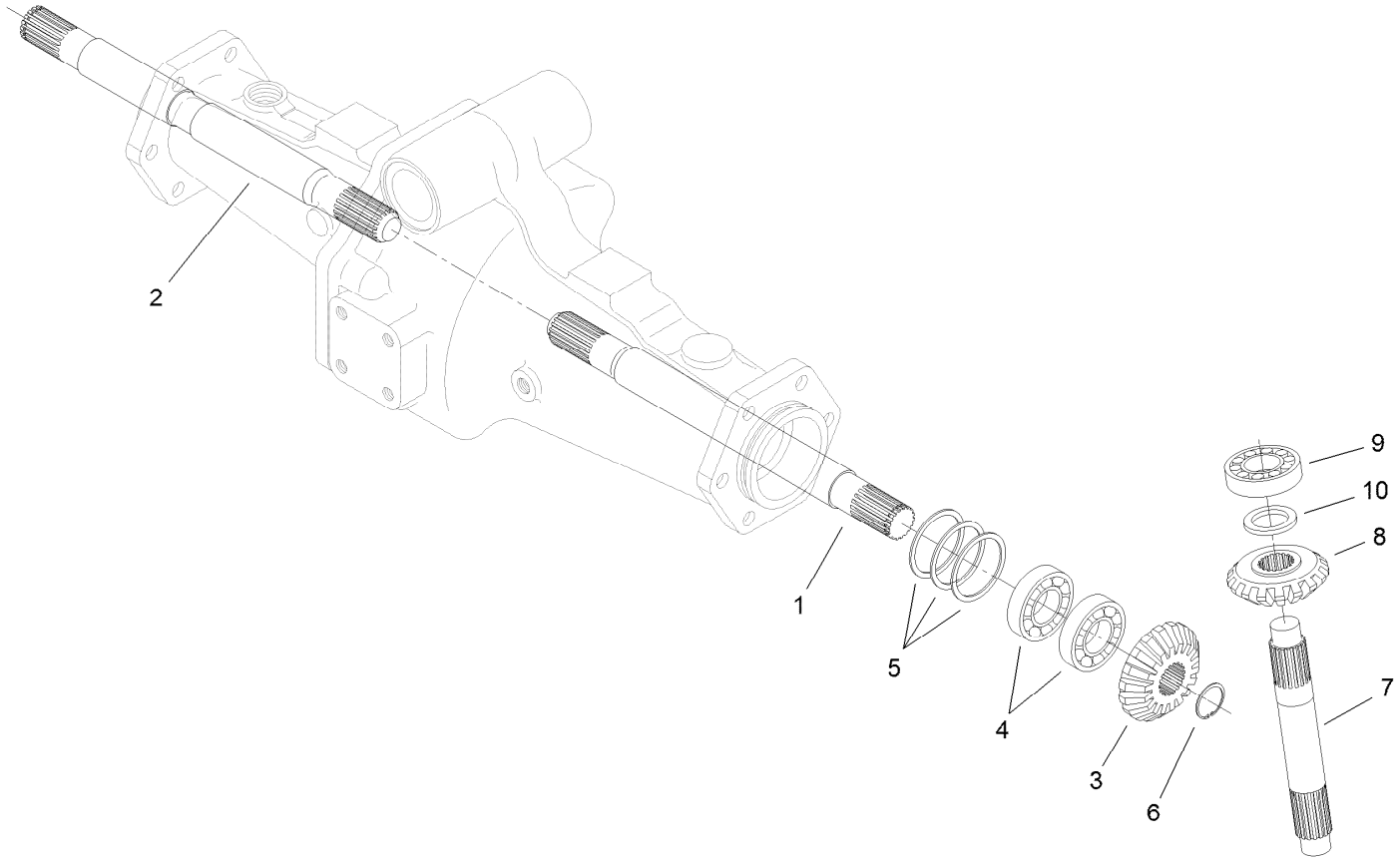
Ref.	*Part Number*	*Qty.*	*Description*
1	95-7508	1	Support-Axle
2	95-7506	1	Support-Axle
3	106-1067	1	O-Ring
4	95-7537	2	Bushing-Flanged
5	99-7590	2	Washer-Seal
6	99-7589	2	Plug
7	110-4812	1	Axle Vent ASM
7:3	110-4815	1	Insert-Filter, Foam
8	99-7592	8	Bolt
9	106-1068	2	O-Ring
10	104-2377	1	Extension-Vent
11	104-8643	1	Plug
12	104-8644	1	O-Ring



Bevel Gear Case Assembly
Rear Axle Assembly No. 110-4750

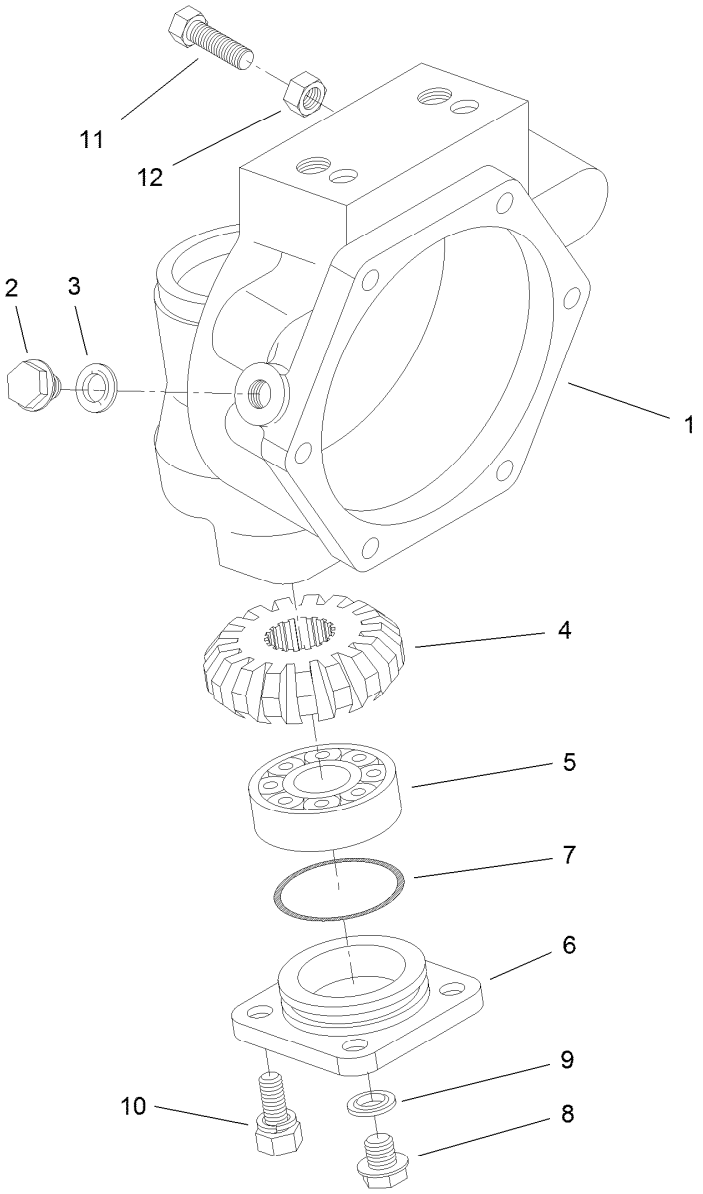
Ref.	Part Number	Qty.	Description
1	110-4752	2	Case-Gear, Bevel
2	110-4754	2	Seal-Oil
3	104-2378	2	Bushing
4	106-1069	2	O-Ring
5	104-2373	2	Knuckle
6	104-2374	8	Bolt
7	100-3768	1	LH Steering Arm ASM
7:2	104-8634	1	Bushing
7:3	106-1104	2	Fitting-Grease
8	100-3766	1	RH Steering Arm ASM
8:2	104-8634	1	Bushing
8:3	106-1104	2	Fitting-Grease
10	95-7547	2	Shim 0.1
10	95-7548	2	Shim 0.2
10	95-7549	2	Shim 0.3
11	99-7597	4	Pin-Dowel

Ref.	Part Number	Qty.	Description
12	104-2375	4	Bolt
13	99-7599	8	Bolt
14	99-7525	4	Stud
15	99-7526	4	Nut
16	99-7527	4	Washer-Spring
18	106-1141	1	Steering Tie Rod ASM
18:2	106-1113	2	Tie Rod End ASM - RH Thread
18:2:1	100-3853	1	Cover-Dust
18:2:2	100-3854	1	Nut-Castle
18:2:3	110-4755	1	Fitting-Grease
18:2:4	3272-11	1	Pin-Cotter
18:5	100-3855	2	Bolt
18:6	99-7527	2	Washer-Spring
18:7	99-7526	2	Nut



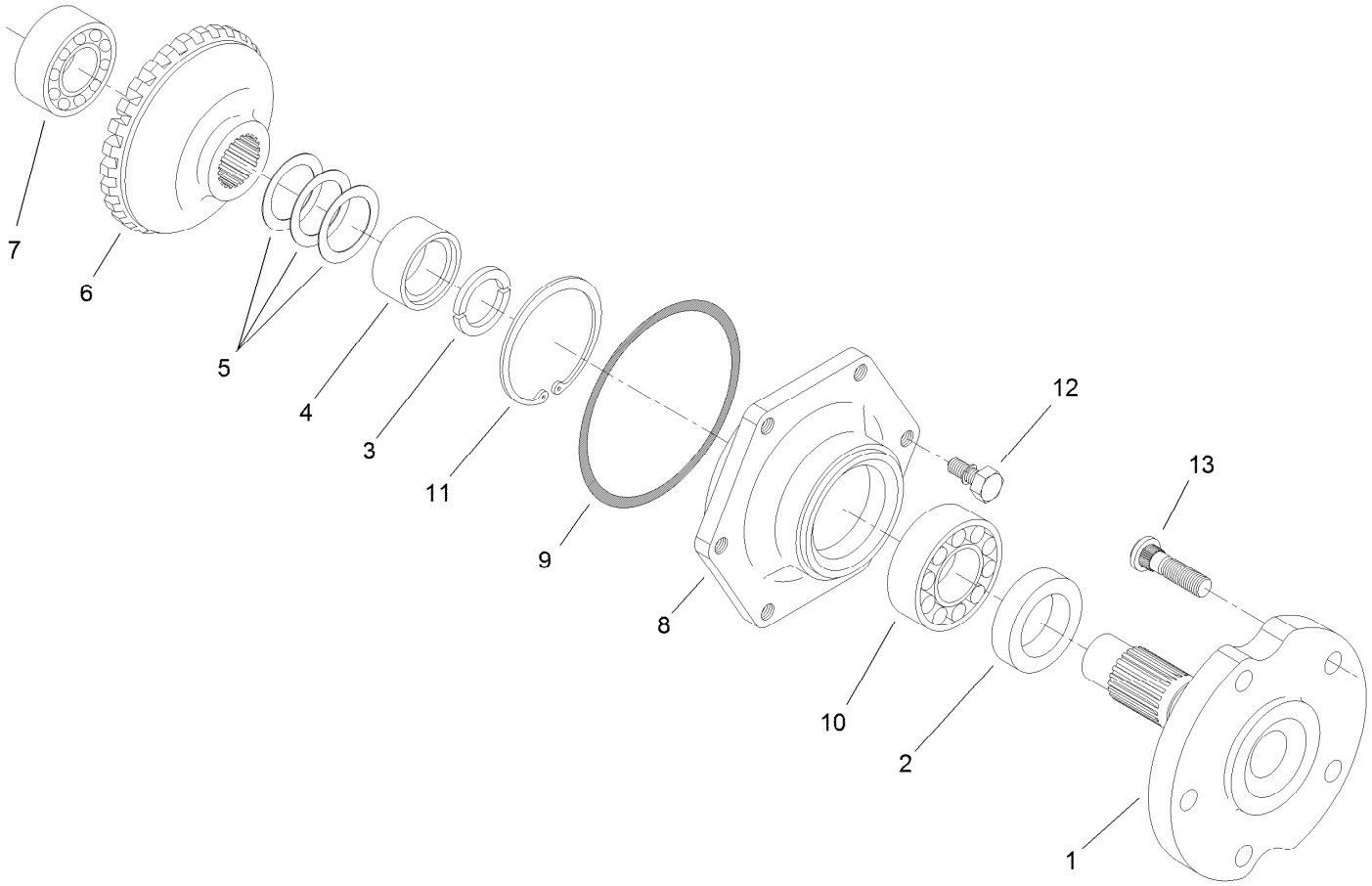
Bevel Gear Shaft Assembly
Rear Axle Assembly No. 110-4750

Ref.	*Part Number*	*Qty.*	*Description*
1	95-7509	1	Shaft-Gear, Differential
2	95-7512	1	Shaft-Gear, Differential
3	95-7517	2	Gear-Bevel, 15 Tooth
4	99-7530	4	Bearing-Ball
5	99-7552	2	Shim 0.1
5	99-7553	2	Shim 0.2
5	99-7554	2	Shim 0.5
6	99-7531	2	Clip
7	110-4753	2	Shaft-Gear, Bevel
8	95-7519	2	Gear-Bevel, 17 Tooth
9	99-7532	2	Bearing-Roller, Taper
10	99-7558	2	Collar



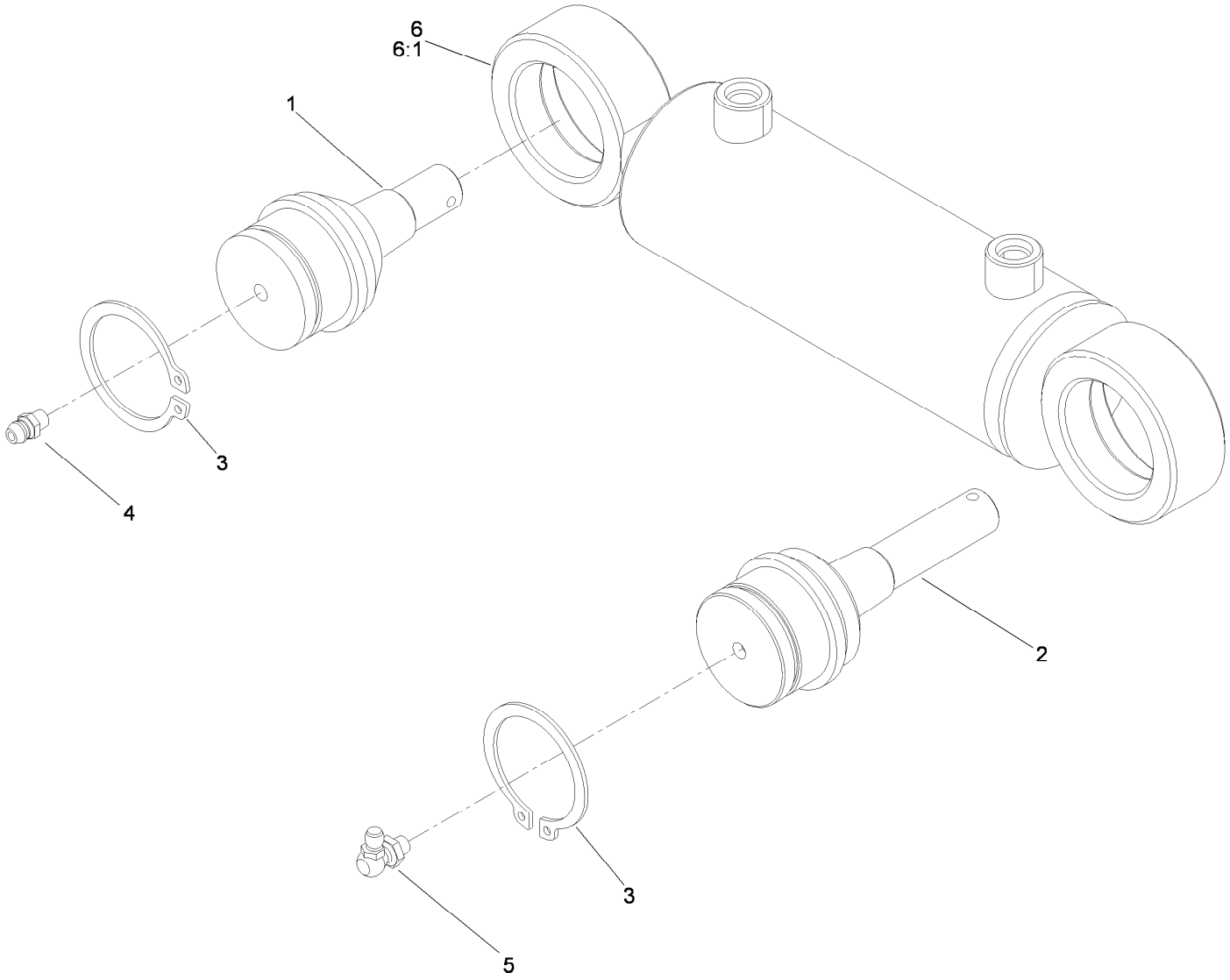
Axle Case Assembly
Rear Axle Assembly No. 110-4750

Ref.	*Part Number*	*Qty.*	*Description*
1	110-4751	2	Case-Axle
2	99-7535	2	Plug
3	99-7536	2	Washer-Seal
4	95-7527	2	Gear-Bevel, 17 Tooth
5	99-7532	2	Bearing-Roller, Taper
6	100-2560	2	Cover
7	106-1070	2	O-Ring
8	99-7589	2	Plug
9	99-7590	2	Washer-Seal
10	100-2562	8	Bolt
11	106-1102	2	Bolt-Stop
12	106-1103	2	Nut



Axle Assembly
Rear Axle Assembly No. 110-4750

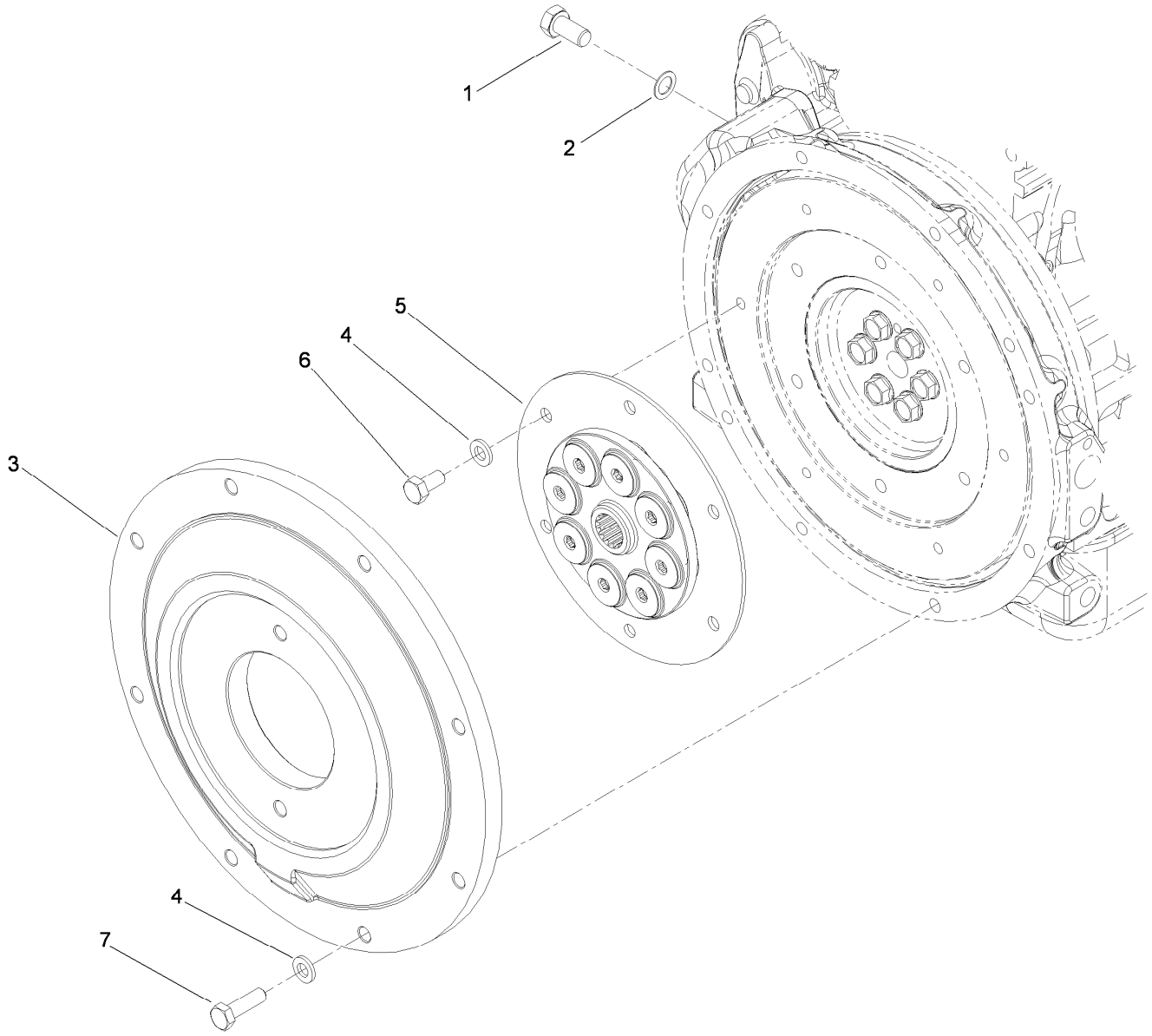
Ref.	*Part Number*	*Qty.*	*Description*
1	95-7522	2	Axle
2	99-7564	2	Seal-Oil
3	95-7544	4	Clip
4	95-7523	2	Spacer
5	99-7555	2	Shim 0.3
5	99-7556	2	Shim 0.2
5	99-7557	2	Shim 0.5
6	95-7524	2	Gear-Bevel, 29 Tooth
7	99-7534	2	Bearing-Ball
8	95-7521	2	Cover-Axle
9	106-1071	2	O-Ring
10	99-7561	2	Bearing-Ball
11	99-7539	2	Clip
12	99-7596	12	Bolt
13	99-7563	10	Stud



Steer Cylinder Assembly No. 119-3903

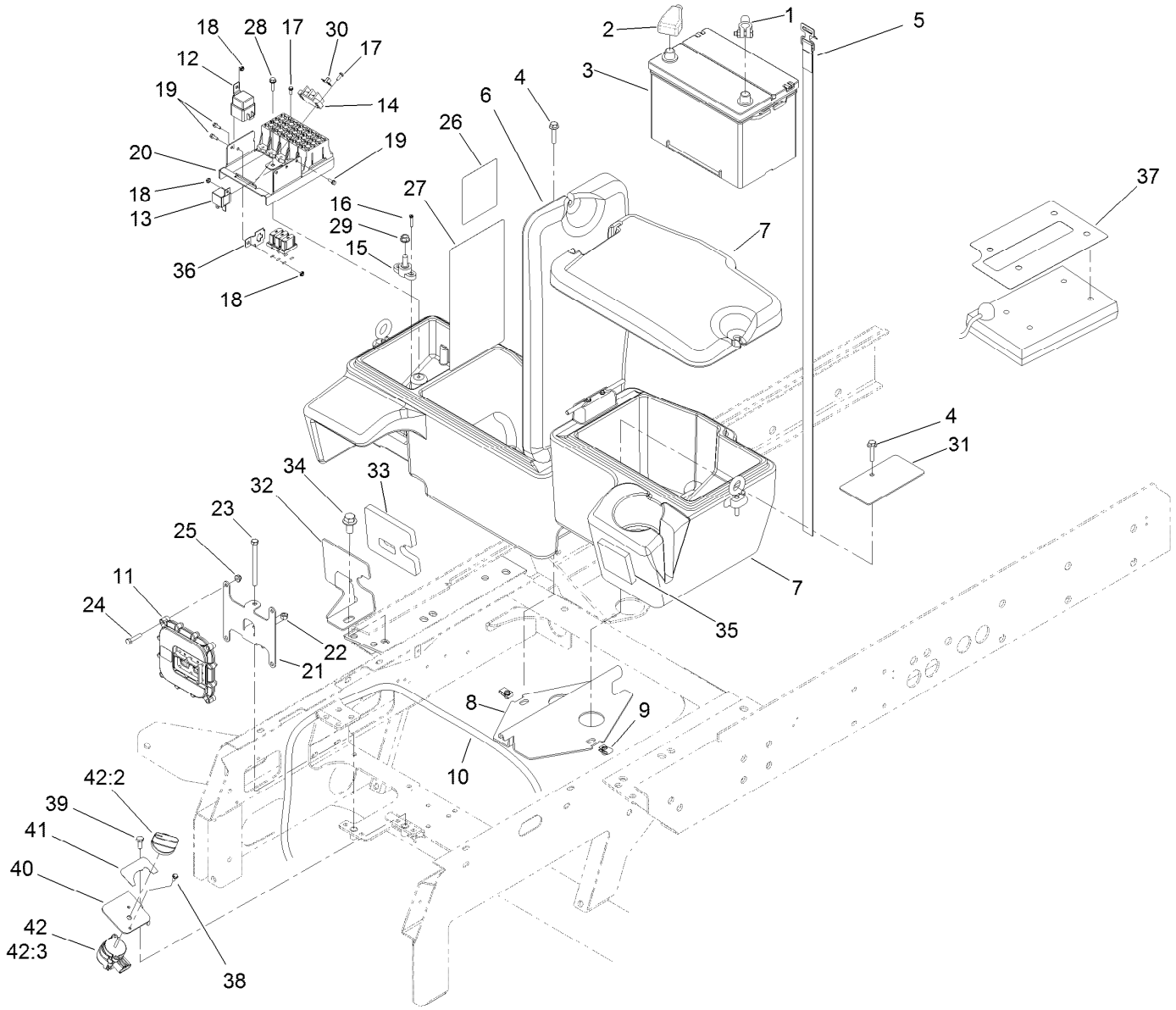
Ref.	*Part Number*	*Qty.*	*Description*
1	106-6774	1	Joint-Ball
2	100-3795	1	Joint-Ball
3	32151-104	2	Ring-Retaining, External
4	302-5	1	Fitting-Grease
5	302-60	1	Fitting-Grease
6	119-3885	1	Cylinder-Steer
6:1	119-3945	1	Seal Kit ●

● Not illustrated



Flywheel Coupler Assembly

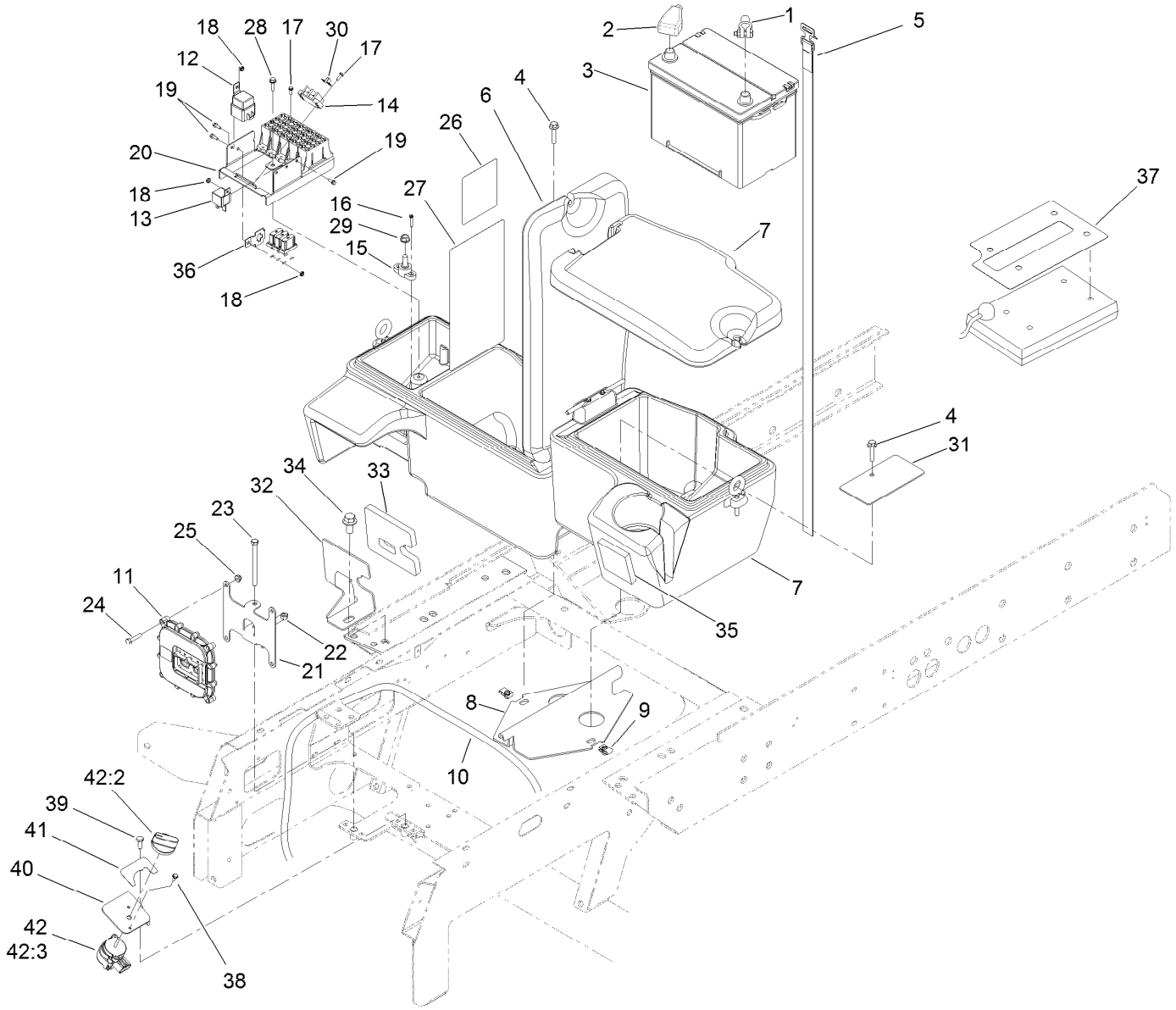
Ref.	*Part Number*	*Qty.*	*Description*
1	42-9250	1	Bolt
2	3255-2	1	Washer-Lock / EXT
3	115-6657-03	1	Plate-Flywheel
4	107-1413	14	Washer-Hardened
5	114-3848	1	Coupler-Spring, Flywheel
6	99-5130	6	Bolt
7	117-5663	8	Screw-HH



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	117-2377	1	Cable-Battery, Negative
2	117-2376	1	Cable-Battery, Positive
3	106-5190	1	Battery-Dry
4	115-1794	2	Screw-HHF
5	3339-175	1	Strapping-Web
6	115-9100	1	Box-Storage, Battery
7	115-9101	1	Box-Storage
8	115-4387-03	1	Support-Box, Storage
9	112-3306	2	Nut
10	119-1302	1	Harness-Wire, Power Center
11	114-3321	1	Controller-Tec
12	99-7430	1	Relay
13	99-7435	3	Relay-Power
14	42862	1	Block-Terminal, Ground
15	110-8822	1	Block-Junction
16	93-0231	2	Screw-PPH
17	32144-87	6	Screw-HWHTF
18	3296-54	5	Nut-Lock
19	112-3169	5	Screw-HHF, Serrated
20	115-4356-03	1	Mount-Fuse Block

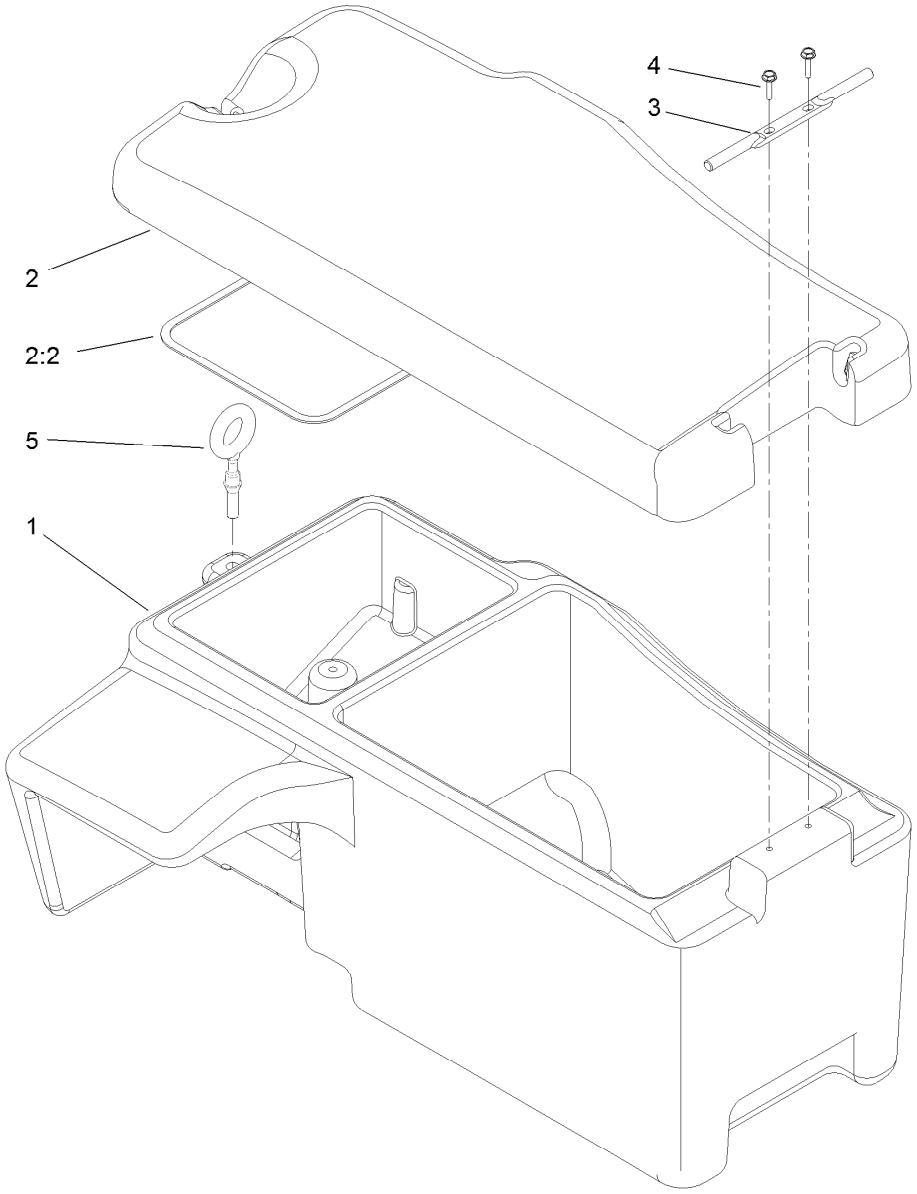
Ref.	Part Number	Qty.	Description
21	117-2360-03	1	Bracket-Mount, Controller
22	3217-6	1	Nut-Hex
23	322-19	1	Screw-HH
24	321-8	4	Screw-HH
25	104-7201	4	Nut-HF
26	120-1672	1	Decal-Fuse
27	120-1671	1	Decal-Service
28	46-8091	1	Screw-HWH
29	3290-357	1	Nut-HHF, Whiz
30	42863	1	Strip-Jumper
31	117-4768-03	1	Plate-Box, Storage
32	117-4774-03	1	Clamp
33	117-4775	1	Seal-Battery Box
34	3234-6	1	Screw-HHF
35	117-4783	2	Seal-Foam
36	114-5502	1	Clip-Fuse
37	120-1679	1	Decal-Diagnostic Controller
38	112-6349	2	Screw-HWH
39	322-3	1	Screw-HH
40	119-3904-03	1	Bracket-Hmi Sensor
41	119-3905	1	Decal-Sensor



Electrical Assembly (continued)

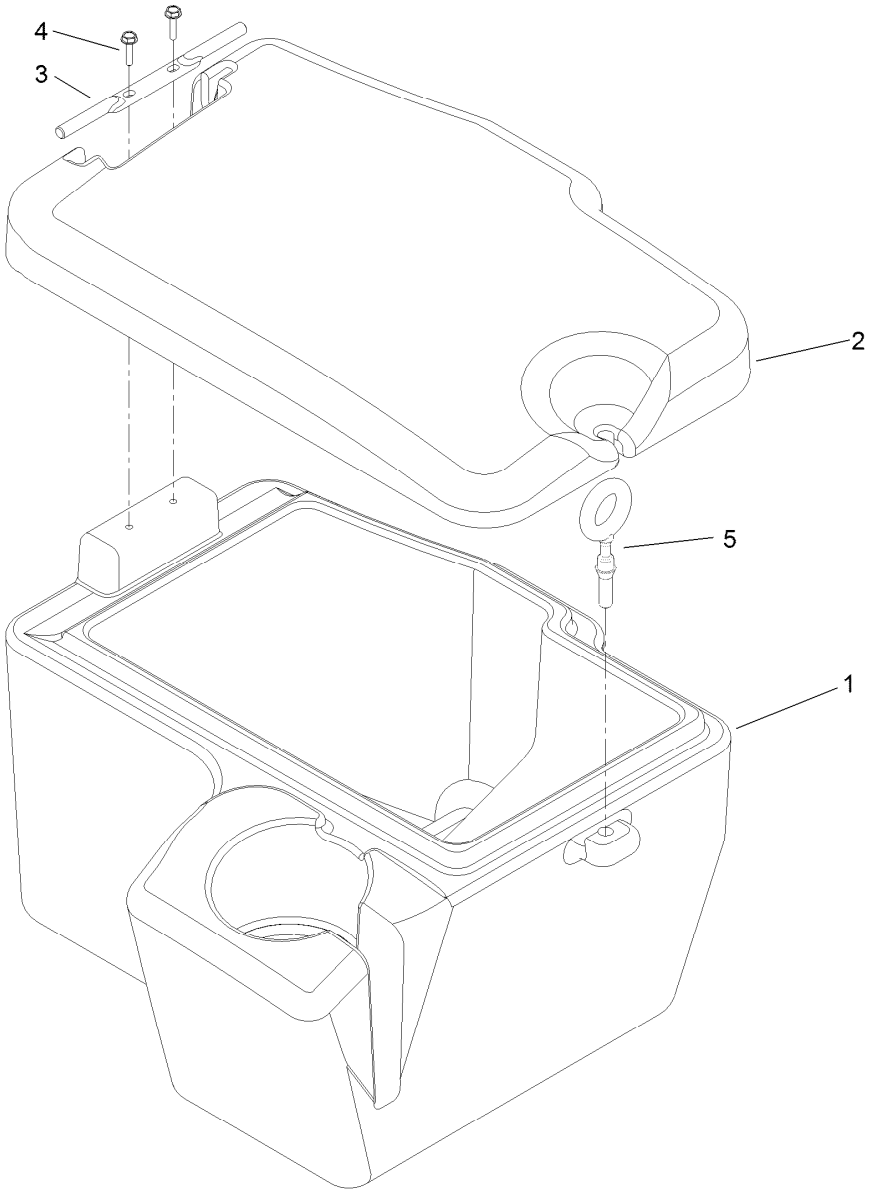
Ref.	Part Number	Qty.	Description
42	119-1081	1	Hmi ASM

Ref.	Part Number	Qty.	Description
42:2	119-1083	1	Knob-Hmi
42:3	119-0737	1	Sensor-Position



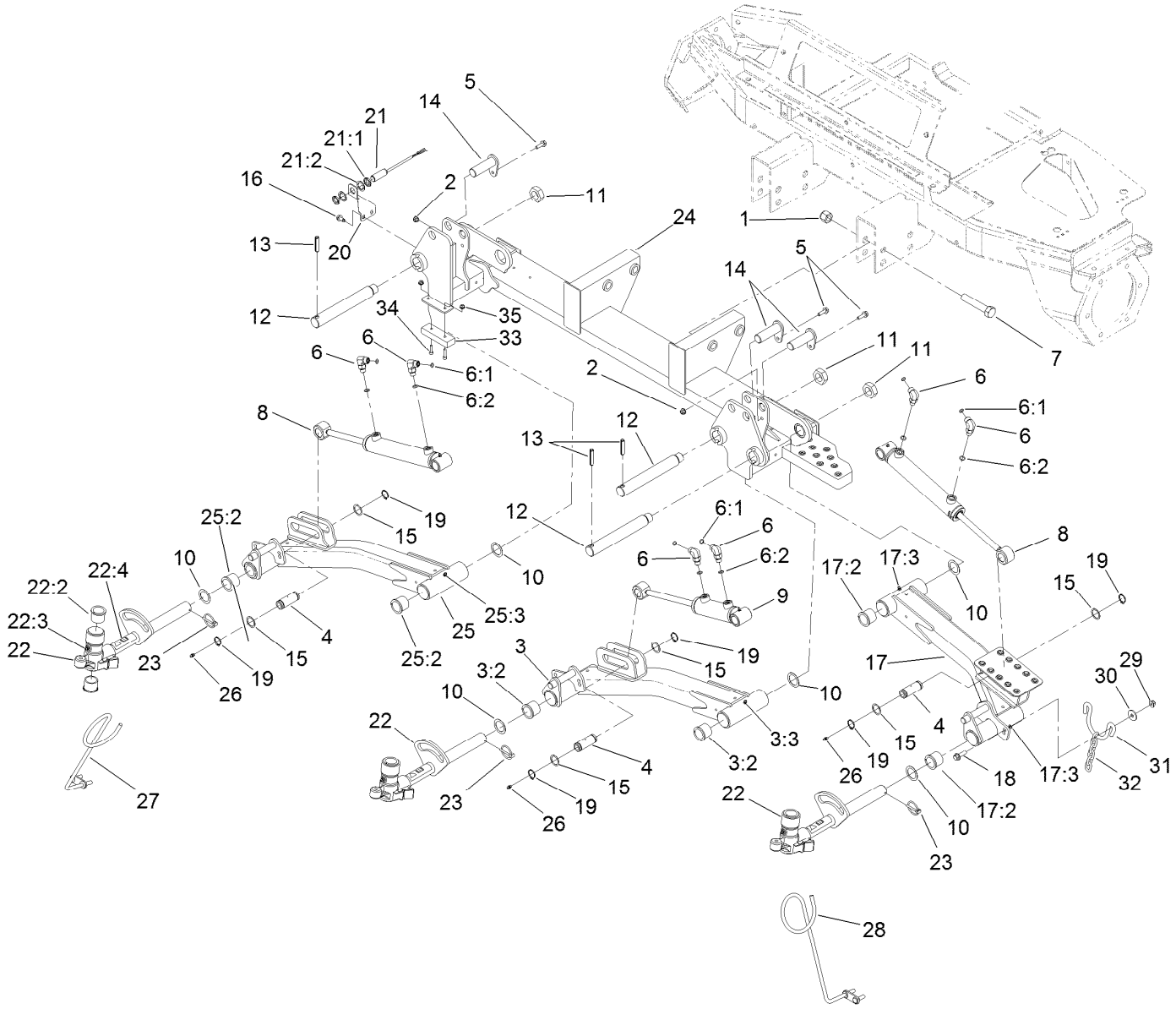
Battery Storage Box Assembly No. 115-9100

Ref.	*Part Number*	*Qty.*	*Description*
1	114-8124	1	Box-Storage, RH
2	115-4368	1	Cover ASM
2:2	115-4367	1	Seal-Cover
3	114-8132	1	Hinge-Cover
4	98-1375	2	Screw-HWH
5	115-4366	1	Latch-Rubber



Storage Box Assembly No. 115-9101

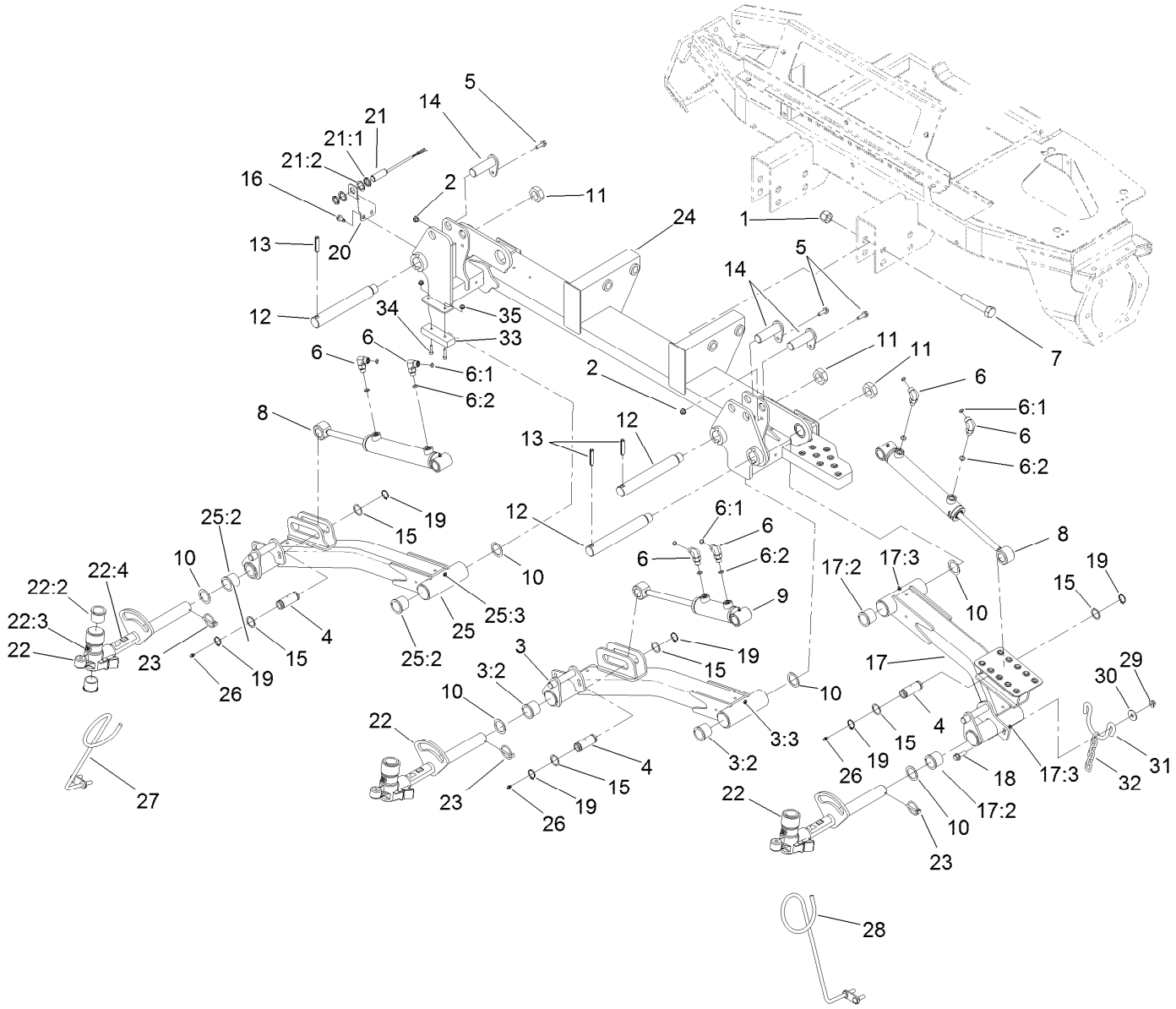
Ref.	*Part Number*	*Qty.*	*Description*
1	114-8123	1	Box-Storage, LH
2	114-8125	1	Cover-Storage Box, LH
3	114-8132	1	Hinge-Cover
4	98-1375	2	Screw-HWH
5	115-4366	1	Latch-Rubber



Front Lift Arm Assembly

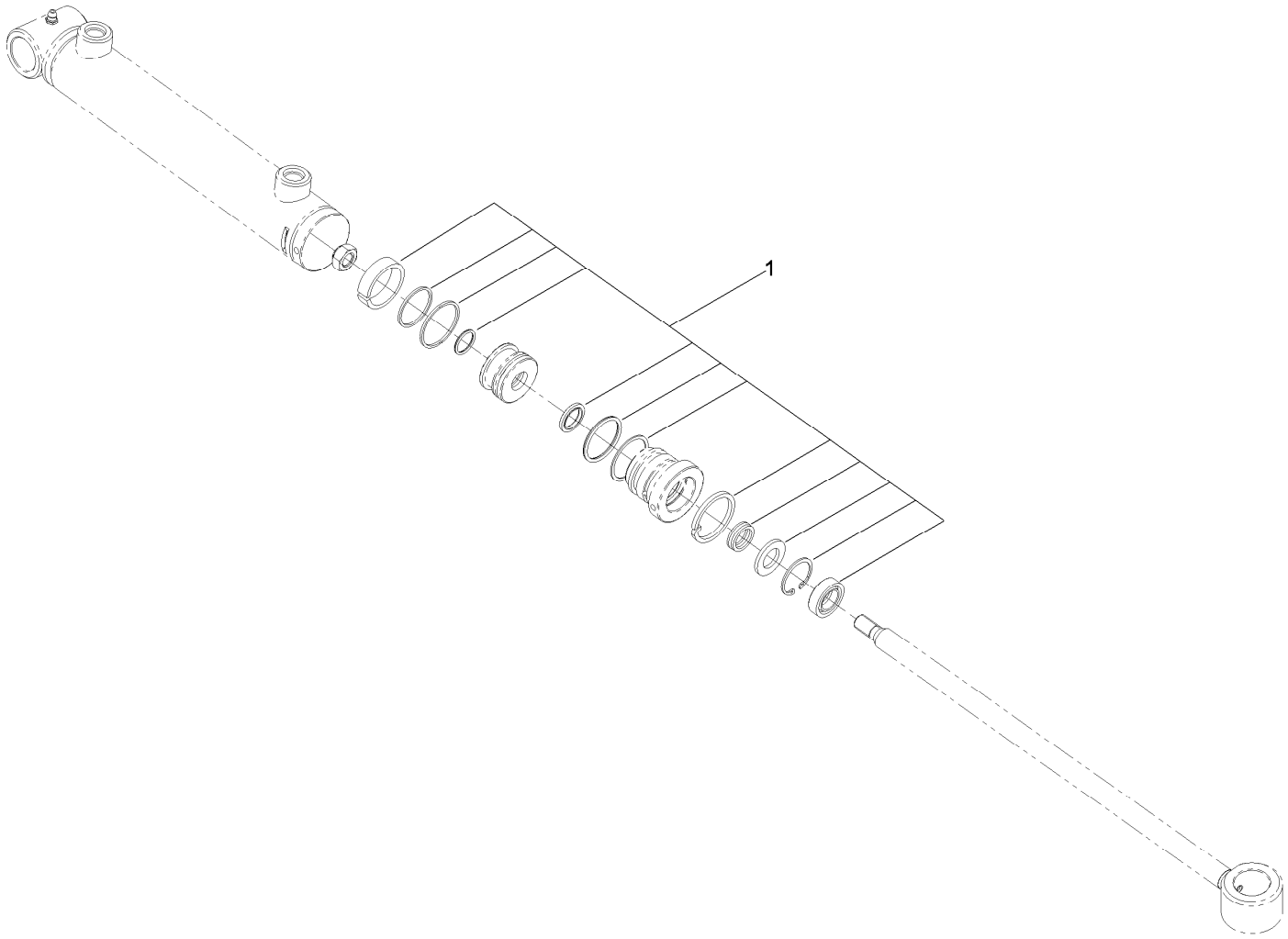
Ref.	Part Number	Qty.	Description
1	3296-51	4	Nut-Lock, NI
2	104-8300	3	Nut-Flange, NI
3	119-1501	1	#1 Lift Arm ASM
3:2	104-0015	4	Bushing-Flange
3:3	302-5	2	Fitting-Grease
4	119-3894	3	Pin-Plain
5	3234-17	3	Screw-HHF
6	340-77	6	Fitting-HYD, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	328-7	4	Screw-HH
8	119-3852	2	HYD Cylinder ASM
9	119-3850	1	HYD Cylinder ASM
10	76-2980	6	Washer-Thrust
11	3296-49	3	Nut-Lock, NI
12	119-1499	3	Pin-Pivot
13	32121-110	3	Pin-Roll, Slotted
14	105-9889	3	Pin-Cylinder
15	5-1550	6	Washer
16	32104-32	2	Screw-HWH
17	119-1504	1	#4 Lift Arm ASM

Ref.	Part Number	Qty.	Description
17:2	104-0015	4	Bushing-Flange
17:3	302-5	2	Fitting-Grease
18	119-4061	6	Screw-HHF
19	32151-36	6	Ring-Retaining
20	119-1506	1	Bracket-Switch
21	115-5300	1	Proximity Switch ASM
21:1	117-3207	2	Nut-Hex
21:2	117-3208	2	Washer-Lock, Internal Tooth
22	117-0954	3	Pivot Yoke ASM
22:2	104-0015	2	Bushing-Flange
22:3	302-5	1	Fitting-Grease
22:4	110-9642	1	Decal-Warning
23	92-1298	3	Pin-Lynch
24	119-1508-03	1	Front Carrier Frame ASM
25	119-1505	1	#5 Lift Arm ASM
25:2	104-0015	4	Bushing-Flange
25:3	302-5	2	Fitting-Grease
26	302-5	3	Fitting-Grease
27	119-3920	1	Guide-Hose, RH
28	119-3921	1	Guide-Hose, LH
29	104-8301	6	Nut-Flange, NI



Front Lift Arm Assembly (continued)

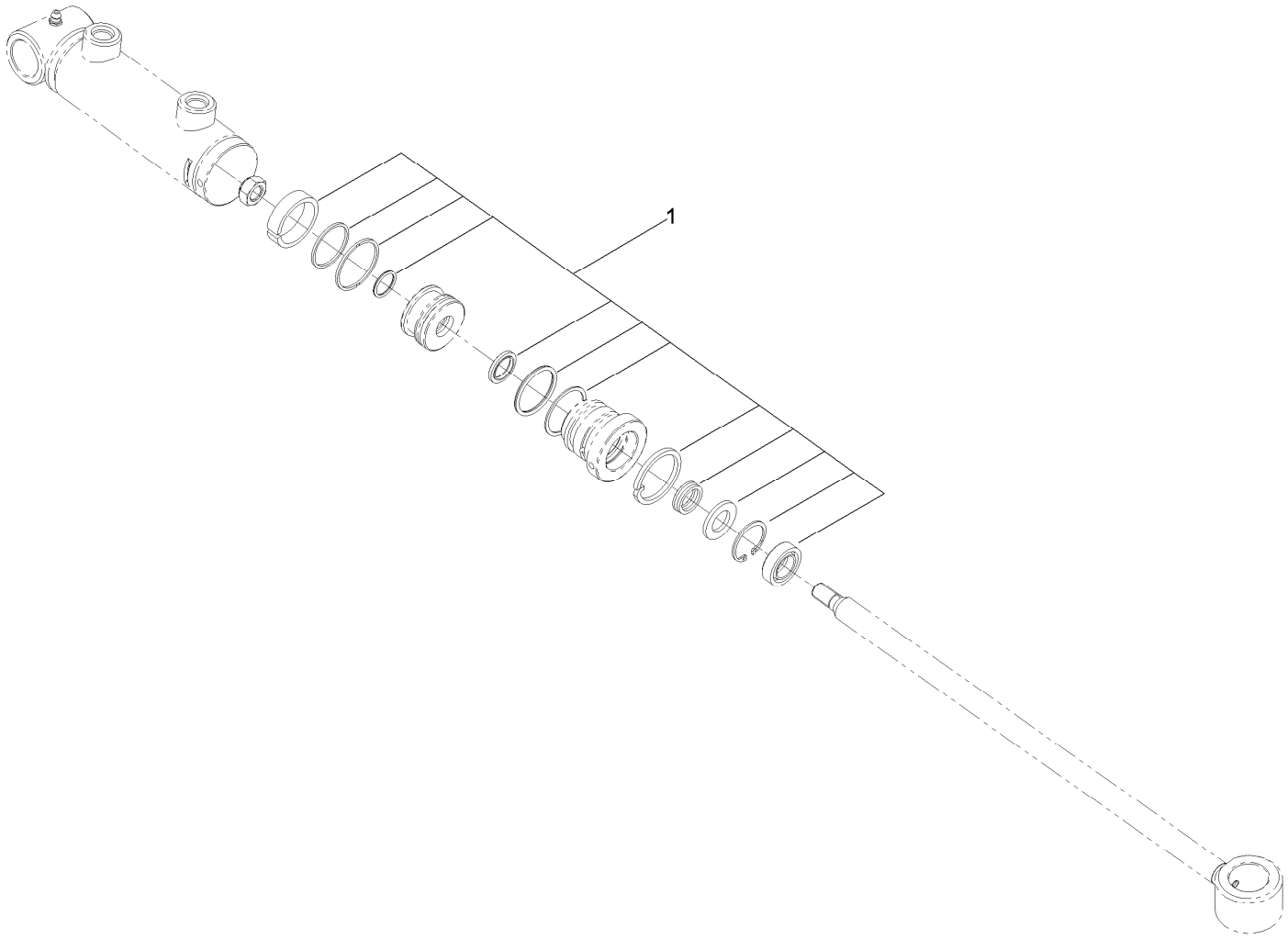
Ref.	Part Number	Qty.	Description
30	63-8410	6	Washer
31	110-0922	3	Hoop-Chain
32	5-1096	3	Chain-Lift
33	125-1657	2	Bumper-Pad, Recessed
34	3274-9	4	Screw-HSH
35	104-7201	4	Nut-HF



Hydraulic Cylinder Assembly No. 119-3852

Ref.	*Part Number*	*Qty.*	*Description*
1	119-3853	1	Seal Kit ●

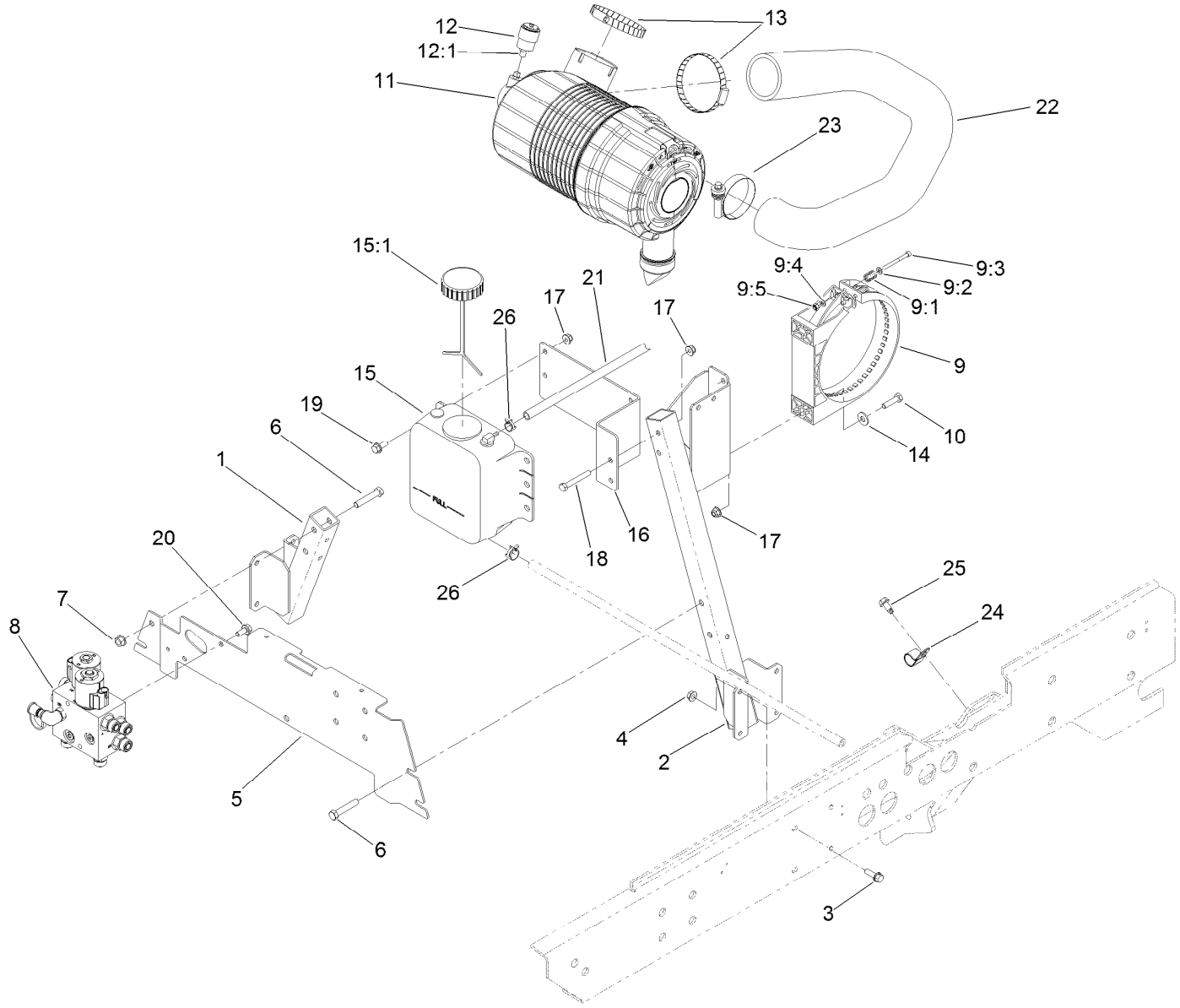
● Not illustrated



Hydraulic Cylinder Assembly No. 119-3850

Ref.	*Part Number*	*Qty.*	*Description*
1	119-3853	1	Seal Kit ●

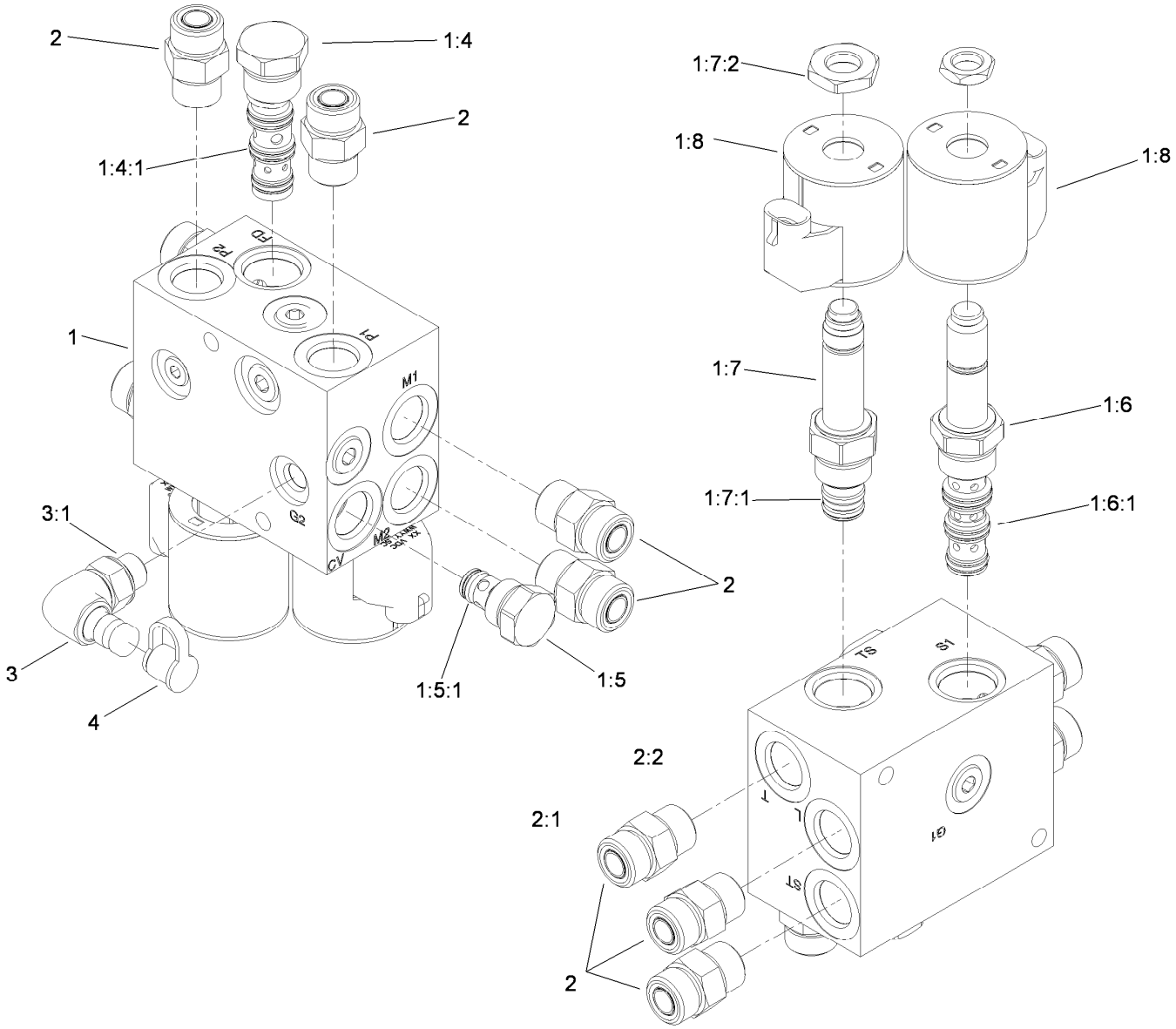
● Not illustrated



Air Cleaner and Fan Manifold Assembly

Ref.	Part Number	Qty.	Description
1	104-5420-03	1	Support-Battery
2	119-1549-03	1	A/C Bracket ASM
3	3234-29	8	Screw-HHF
4	32128-20	8	Nut-HF
5	114-8134-03	1	Bracket-Support
6	323-10	4	Screw-HH
7	32128-21	4	Nut-HF
8	119-3943	1	Fan Drive Manifold ASM
9	99-5414	1	Strap-Cleaner, Air
9:1	108-1512	2	Spring
9:2	3256-22	2	Washer-Flat
9:3	33113-050	2	Screw-HH
9:4	33093-00	2	Washer-Flat
9:5	33023-00	2	Nut-Lock
10	322-6	2	Screw-HH
11	99-5410	1	Air Cleaner ASM
12	104-3563	1	Indicator

Ref.	Part Number	Qty.	Description
12:1	94-1416	1	Adapter-Indicator
13	2412-110	2	Clamp-Hose
14	3256-3	2	Washer-Flat
15	104-2276	1	Reservoir-Coolant
15:1	87-7050	1	Cap-Reservoir
16	114-4187-03	1	Bracket-Tank
17	104-8300	8	Nut-Flange, NI
18	322-11	2	Screw-HH
19	3234-47	4	Screw-HHF
20	100-1668	2	Screw-Flange
21	110-3258	1	Hose-Fuel
22	119-1452	1	Hose-Air Cleaner
23	104-9240	1	Clamp-Hose
24	2412-4	1	Clamp
25	32104-32	1	Screw-HWH
26	92-2379	2	Clamp-Hose

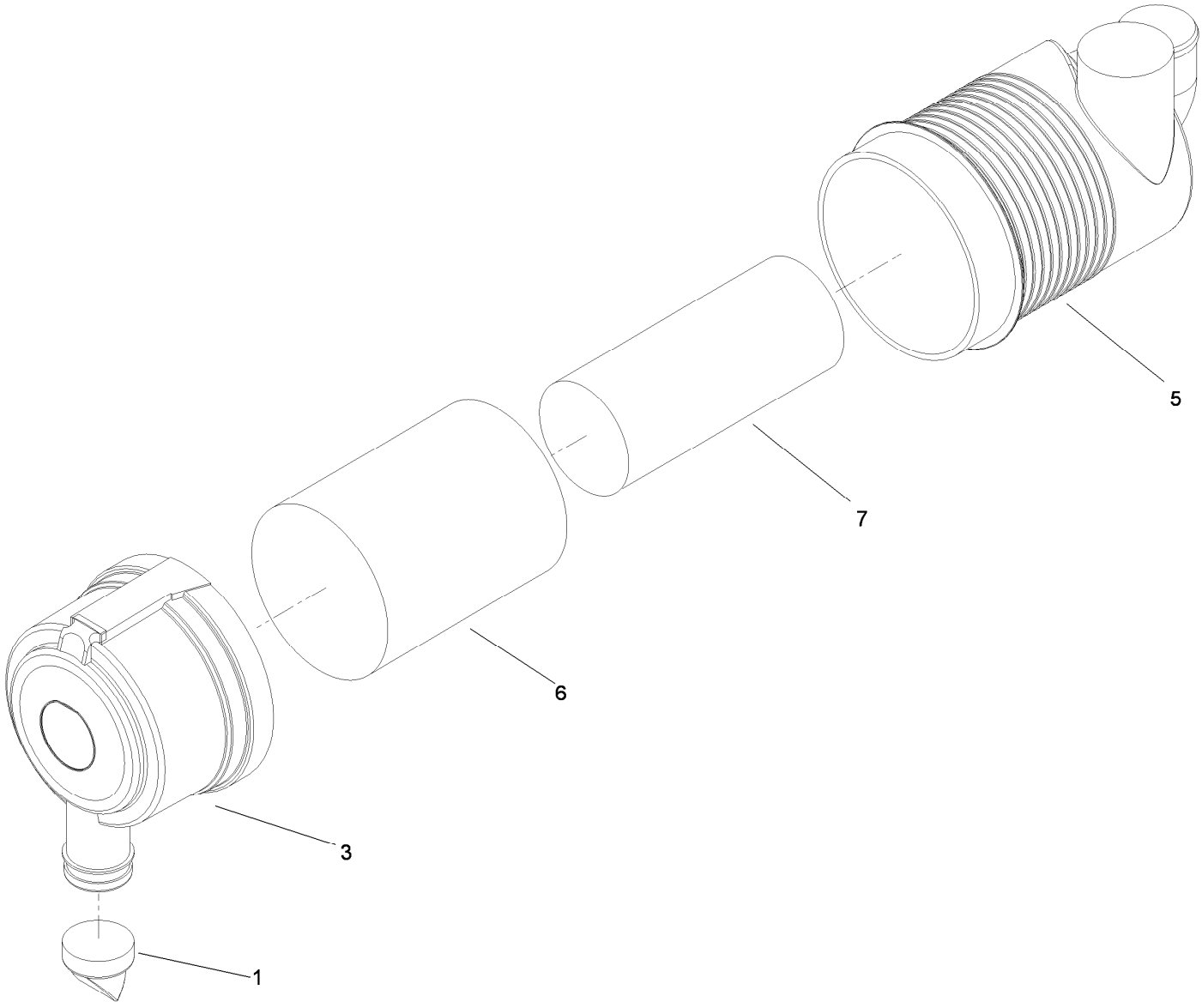


Fan Drive Manifold Assembly No. 119-3943

Ref.	Part Number	Qty.	Description
1		1	Fan Drive Manifold ASM ●
1:4	115-3024	1	Flow Divider
1:4:1	115-3025	1	Seal Kit
1:5	105-9321	1	Check Valve ASM
1:5:1	105-9156	1	Seal Kit
1:6	115-3023	1	Solenoid Valve ASM
1:6:1	110-8908	1	Spool Valve Seal Kit
1:7	115-3022	1	Relief-Proportional
1:7:1	110-6316	1	Seal Kit

Ref.	Part Number	Qty.	Description
1:7:2	119-7715	1	Nut-Coil
1:8	110-6344	2	Coil-12V, Dc
2	340-4	7	Fitting-HYD, Straight
2:1	237-30	1	O-Ring
2:2	237-79	1	O-Ring
3	115-9147	1	Fitting-Elbow, 90 DEG
3:1	237-78	1	O-Ring
4	354-79	1	Cap-Dust

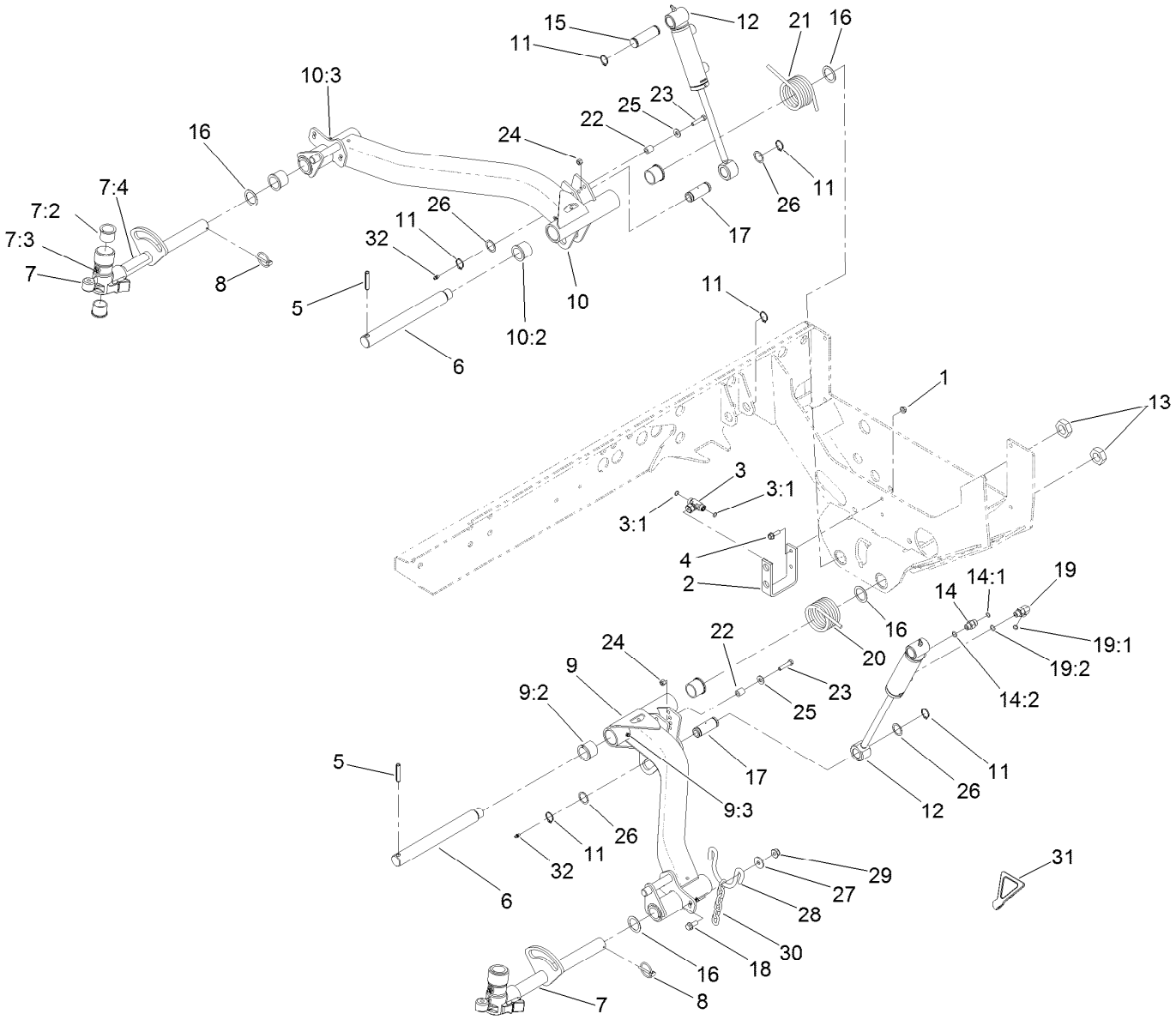
● Not serviced separately



Air Cleaner Assembly No. 99-5410

Ref.	*Part Number*	*Qty.*	*Description*
1	104-4258	1	Valve-Vacuator
3	104-4259	1	Cover
5		1	Body ASM ●
6	108-3814	1	Filter-Air
7	108-3816	1	Filter-Air

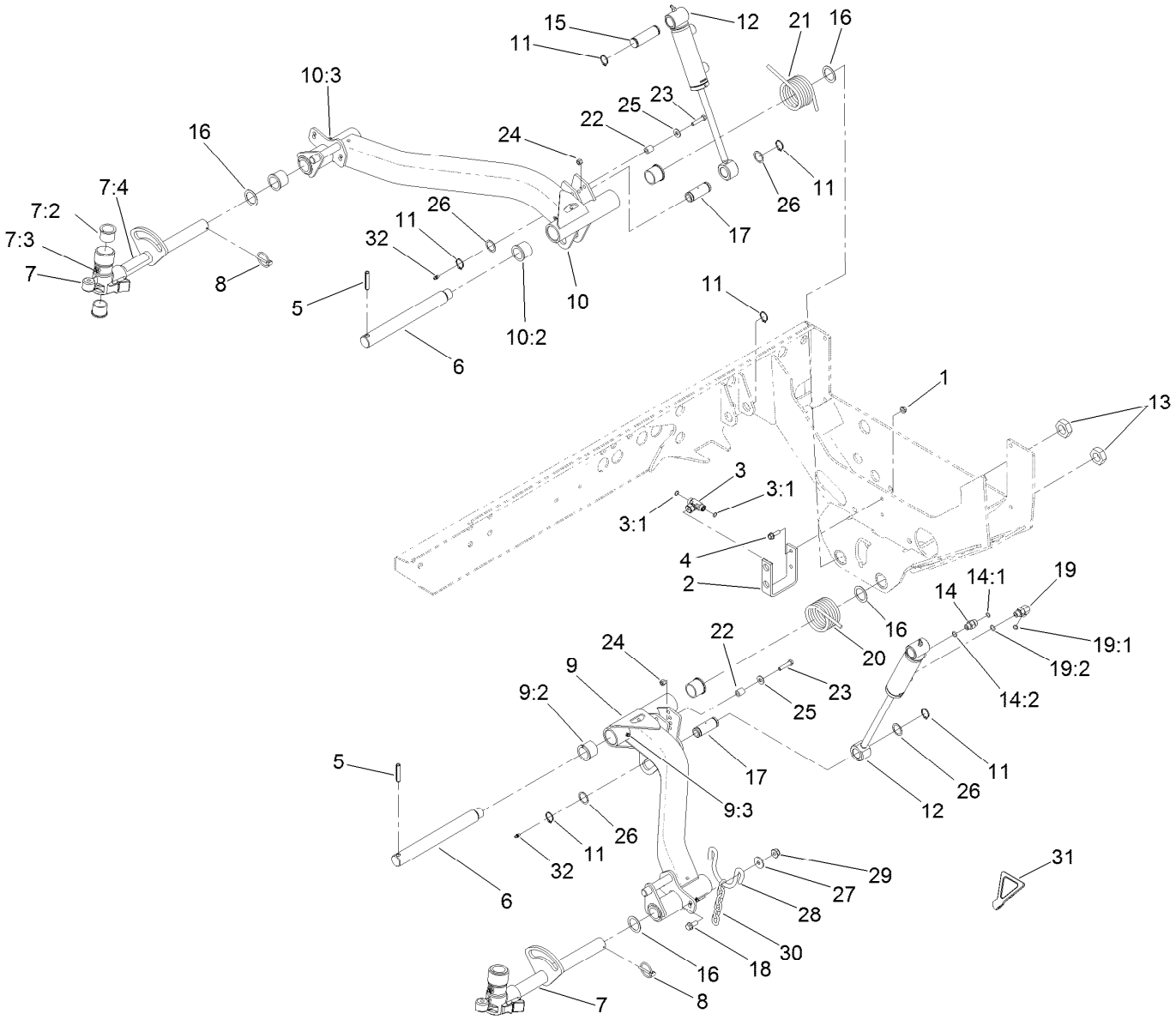
● Not serviced separately



No. 2 and 3 Lift Arm Assembly

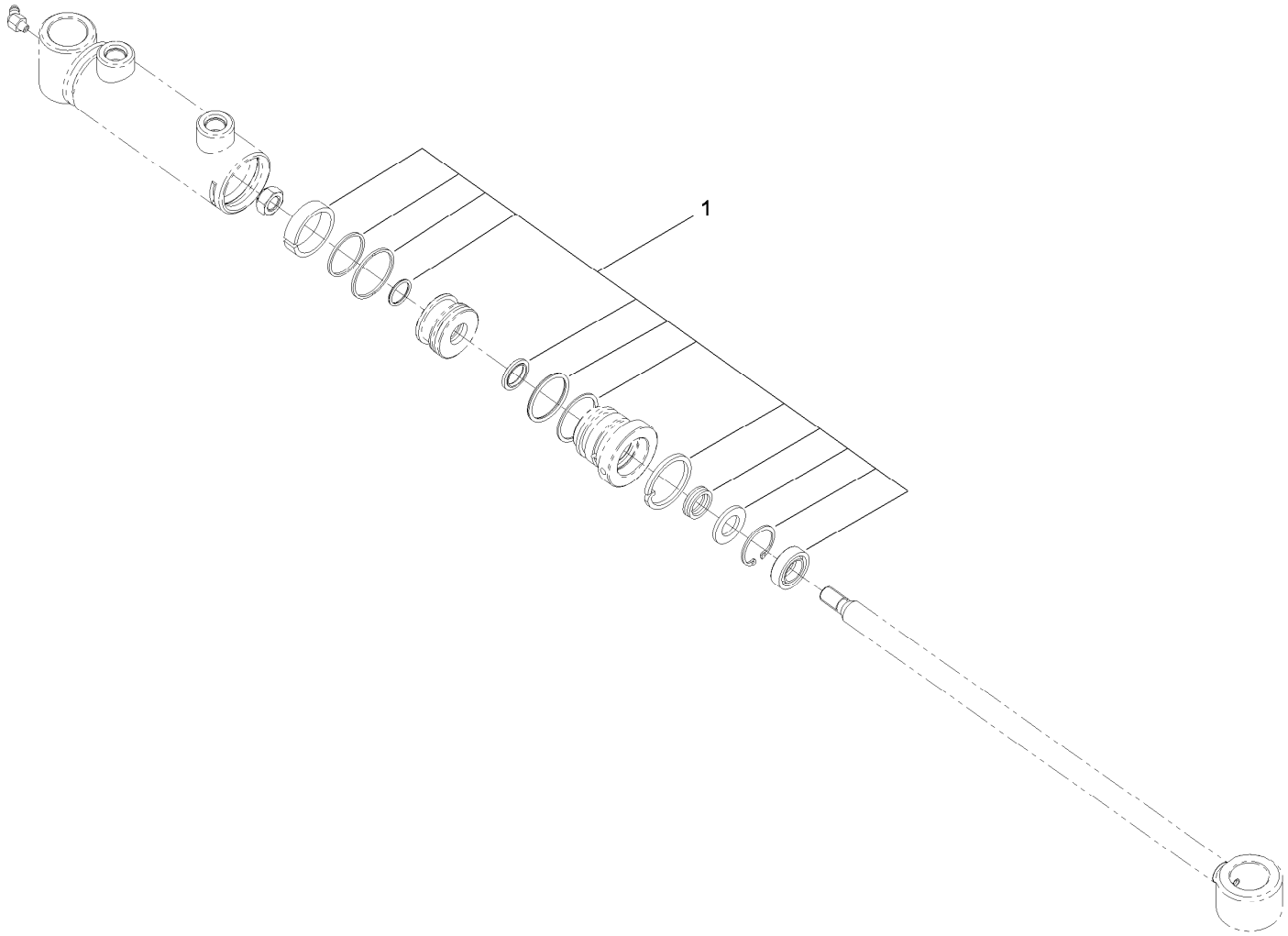
Ref.	Part Number	Qty.	Description
1	32128-20	2	Nut-HF
2	105-3992-03	1	Bracket-Bulkhead
3	340-166	2	Fitting-Tee, HYD
3:1	237-22	2	O-Ring
4	3234-17	2	Screw-HHF
5	32121-110	2	Pin-Roll, Slotted
6	95-7158	2	Pin-Pivot
7	117-0954	2	Pivot Yoke ASM
7:2	104-0015	2	Bushing-Flange
7:3	302-5	1	Fitting-Grease
7:4	110-9642	1	Decal-Warning
8	92-1298	2	Pin-Lynch
9	119-1502	1	#2 Lift Arm ASM
9:2	104-0015	4	Bushing-Flange
9:3	302-5	2	Fitting-Grease
10	119-1503	1	#3 Lift Arm ASM
10:2	104-0015	4	Bushing-Flange
10:3	302-5	2	Fitting-Grease
11	32151-36	8	Ring-Retaining
12	119-3851	2	HYD Cylinder ASM
13	3296-49	2	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
14	340-2	2	Fitting-HYD, Straight
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring
15	92-7548	2	Pin-Cylinder
16	76-2980	4	Washer-Thrust
17	119-3894	2	Pin-Plain
18	119-4061	4	Screw-HHF
19	340-77	2	Fitting-HYD, 90 DEG
19:1	237-22	1	O-Ring
19:2	237-42	1	O-Ring
20	119-1480	1	Spring-Torsion, LH
21	119-1481	1	Spring-Torsion, RH
22	82-6840	2	Spacer
23	322-7	2	Screw-HH
24	3296-29	2	Nut-Lock, NI
25	3256-3	2	Washer-Flat
26	5-1550	4	Washer
27	63-8410	4	Washer
28	110-0922	2	Hoop-Chain
29	104-8301	4	Nut-Flange, NI
30	5-1096	2	Chain-Lift



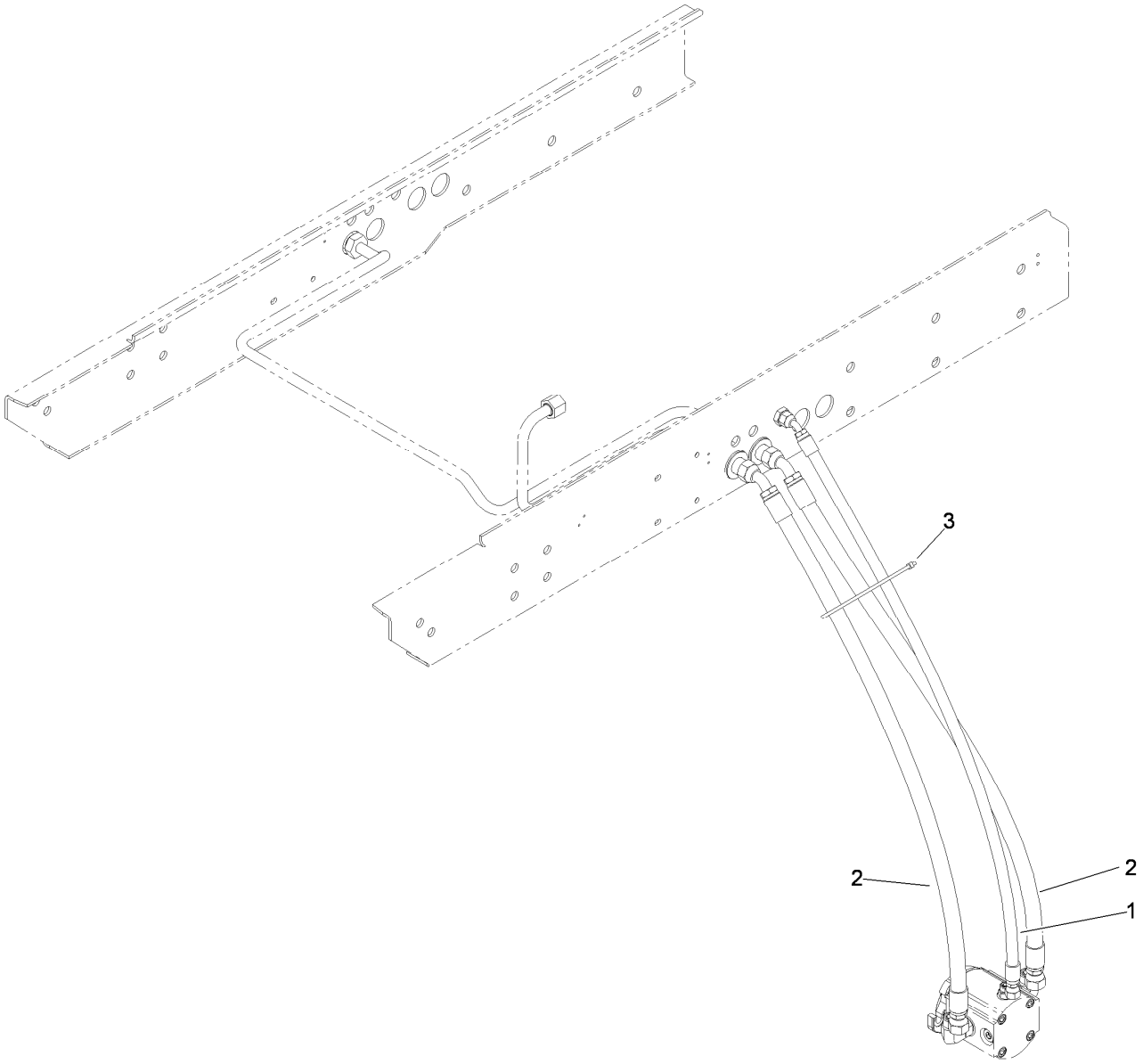
No. 2 and 3 Lift Arm Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
31	119-8010-03	1	Kickstand
32	302-5	2	Fitting-Grease



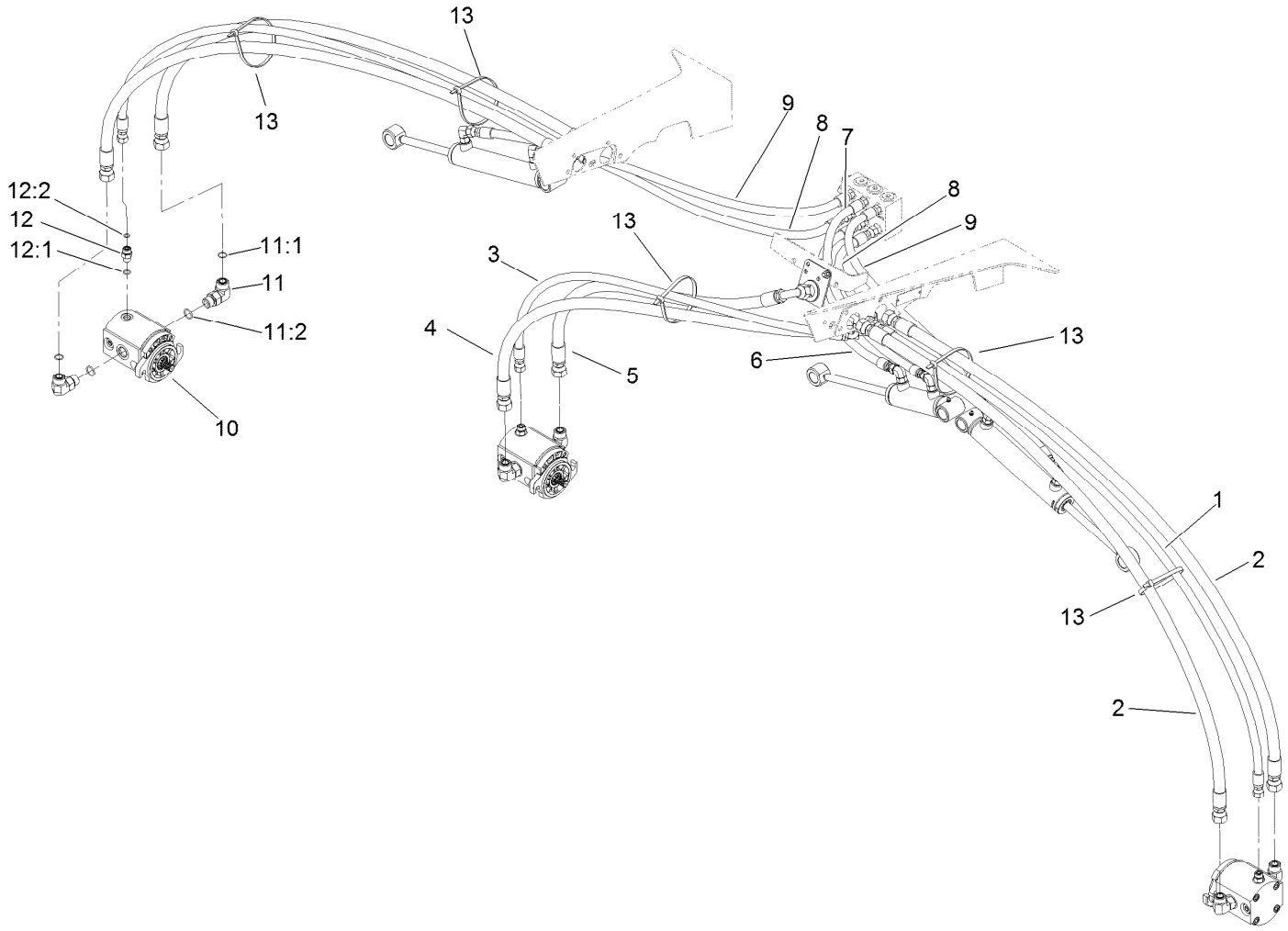
Hydraulic Cylinder Assembly No. 119-3851

Ref.	*Part Number*	*Qty.*	*Description*
1	119-3853	1	Seal Kit



No. 2 and 3 Hydraulic Hose Assembly

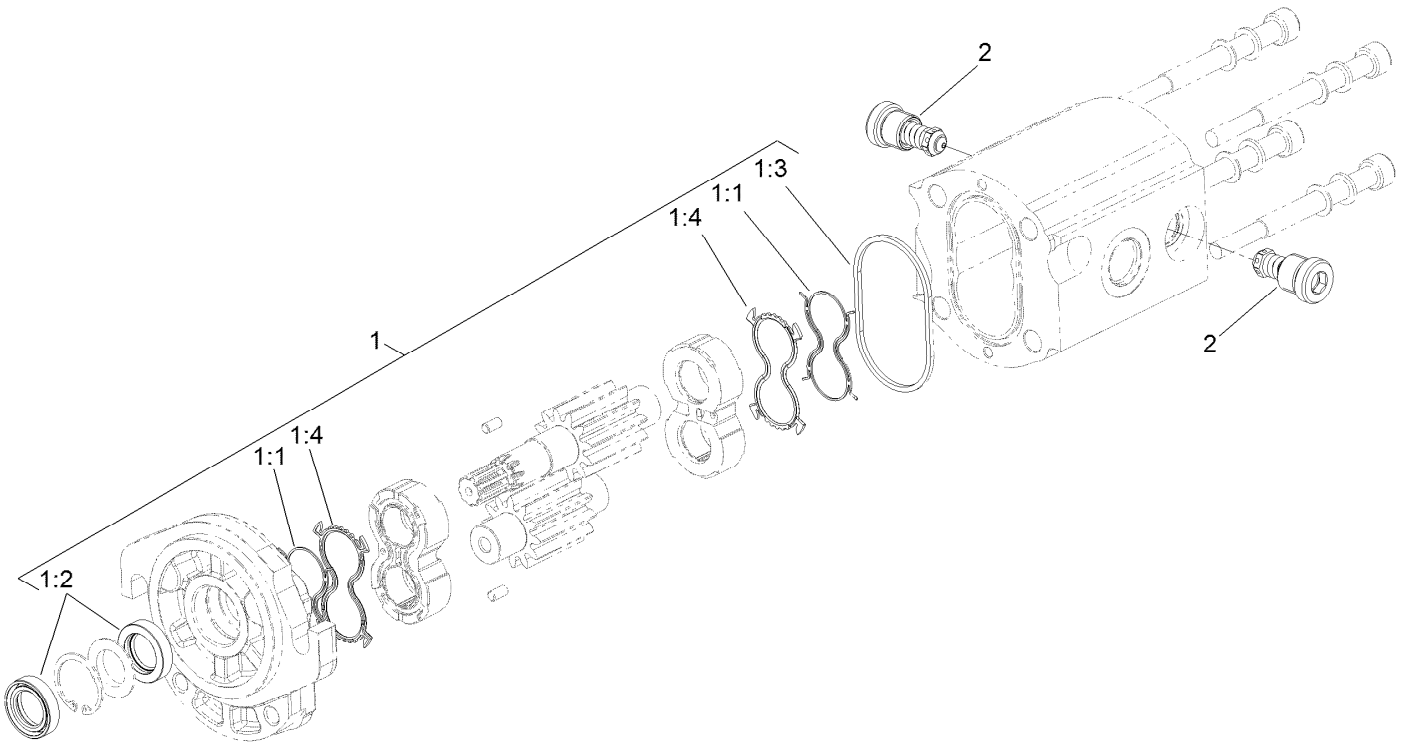
Ref.	*Part Number*	*Qty.*	*Description*
1	119-3914	2	Hose ASM
2	119-3913	4	Hose ASM
3	3334-945	2	Tie-Cable



No. 1, 4 and 5 Hydrulic Hose Assembly

Ref.	Part Number	Qty.	Description
1	125-1654	2	Hose ASM
2	125-1653	4	Hose ASM
3	125-1656	1	Hose ASM
4	98-7402	1	Hose ASM
5	125-1655	1	Hose ASM
6	119-1433	1	Hose ASM
7	119-3923	1	Hose ASM
8	119-3924	2	Hose ASM
9	119-3925	2	Hose ASM

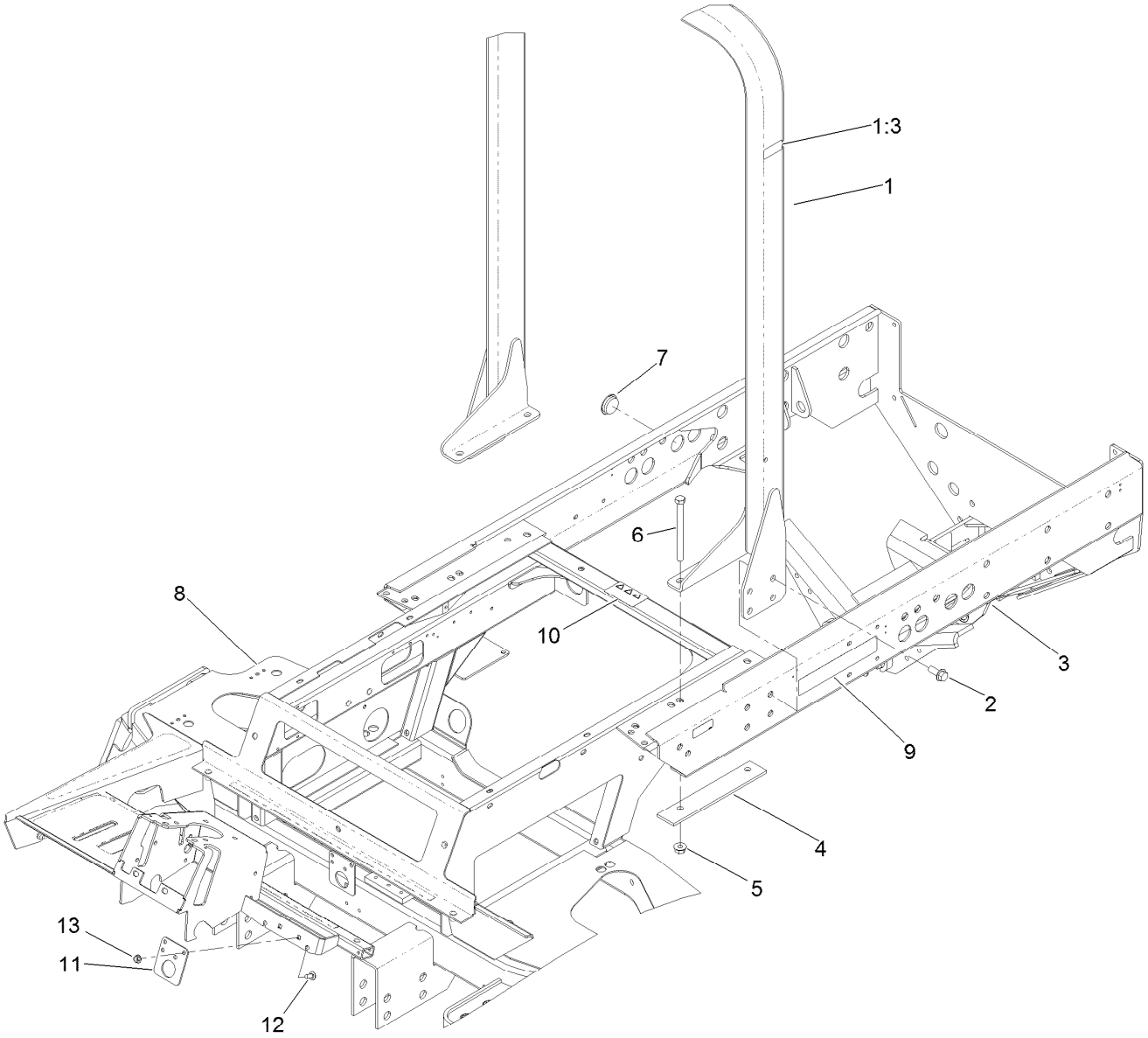
Ref.	Part Number	Qty.	Description
10	115-8250	5	Gear Motor ASM
11	340-17	10	Fitting-HYD, 90 DEG
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	340-2	5	Fitting-HYD, Straight
12:1	237-22	1	O-Ring
12:2	237-42	1	O-Ring
13	3334-945	5	Tie-Cable



Gear Motor Assembly No. 115-8250

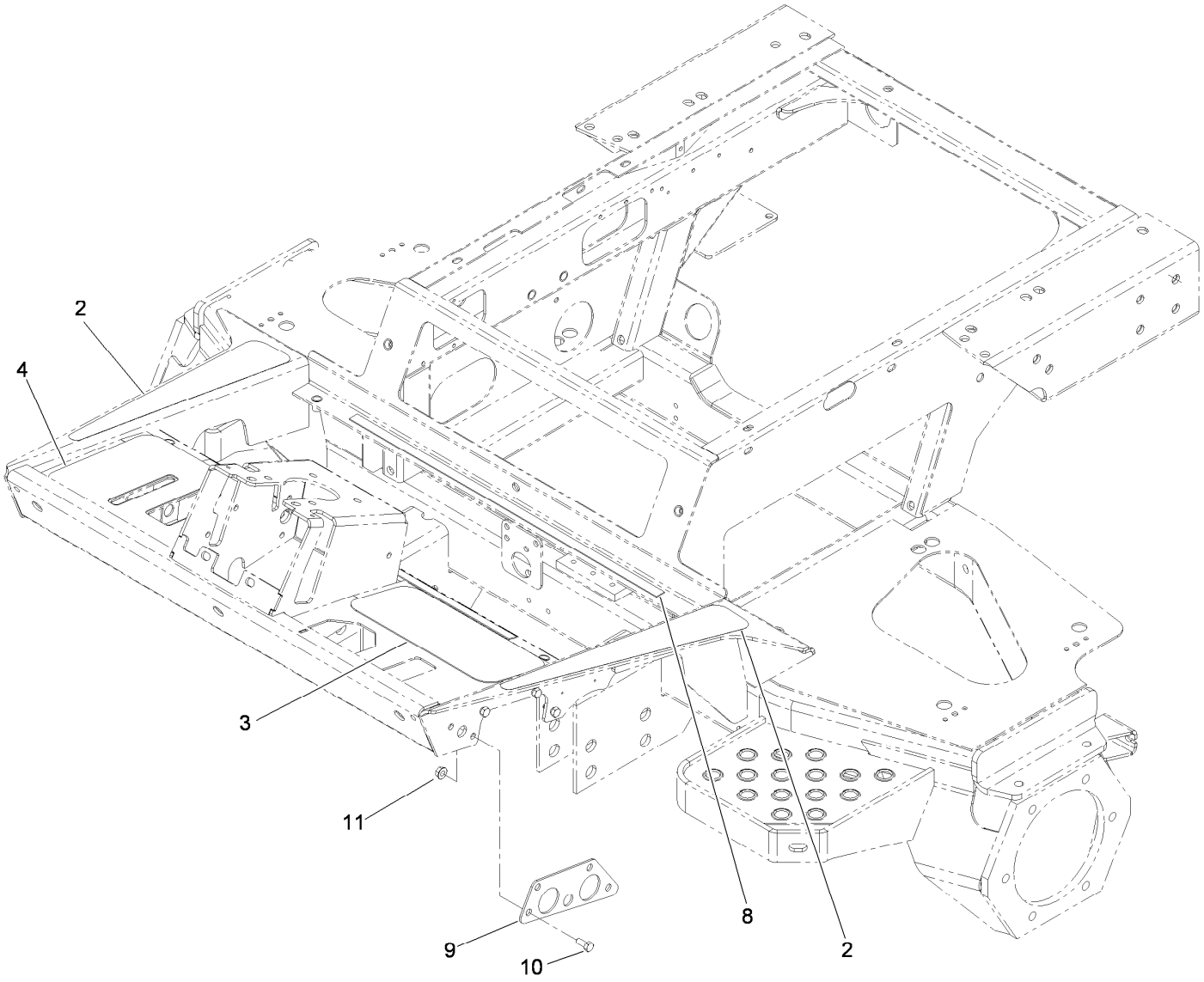
Ref.	*Part Number*	*Qty.*	*Description*
1	125-1682	1	Motor Seal Kit
1:1		2	Seal-Anti Extrusion ●
1:2		2	Seal-Shaft ●
1:3		1	Seal-Quad ●
1:4		2	Seal ●
2	117-5107	2	Valve-Check

● Not serviced separately



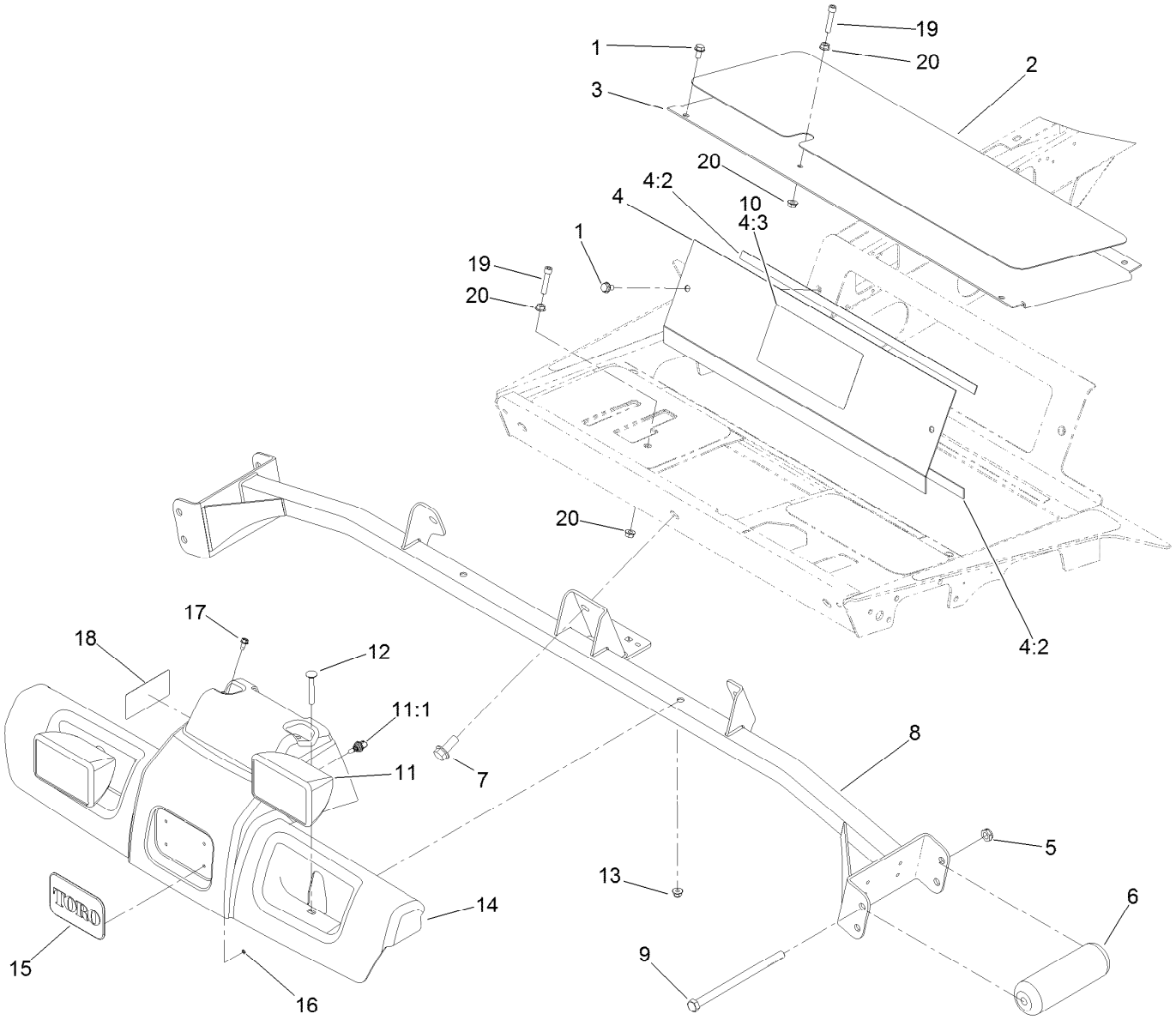
Frame and Roll-Over Protection Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	108-4018	1	ROPS ASM
1:3	98-4387	1	Decal-Protection, Ear
2	3234-38	12	Screw-HHF
3	115-4394-03	1	Frame-Rear
4	104-5584-03	2	Plate-Reinforcement, ROPS
5	32128-49	4	Nut-HHF
6	325-20	4	Screw-HH
7	105-9194	4	Plug
8	119-3872	1	Front Frame ASM
9	72-3560	2	Decal
10	106-6754	1	Decal-Danger
11	104-5516-01	1	Support-Tube
12	3230-23	2	Screw-CARR
13	32128-20	2	Nut-HF



Front Frame Assembly No. 119-3872

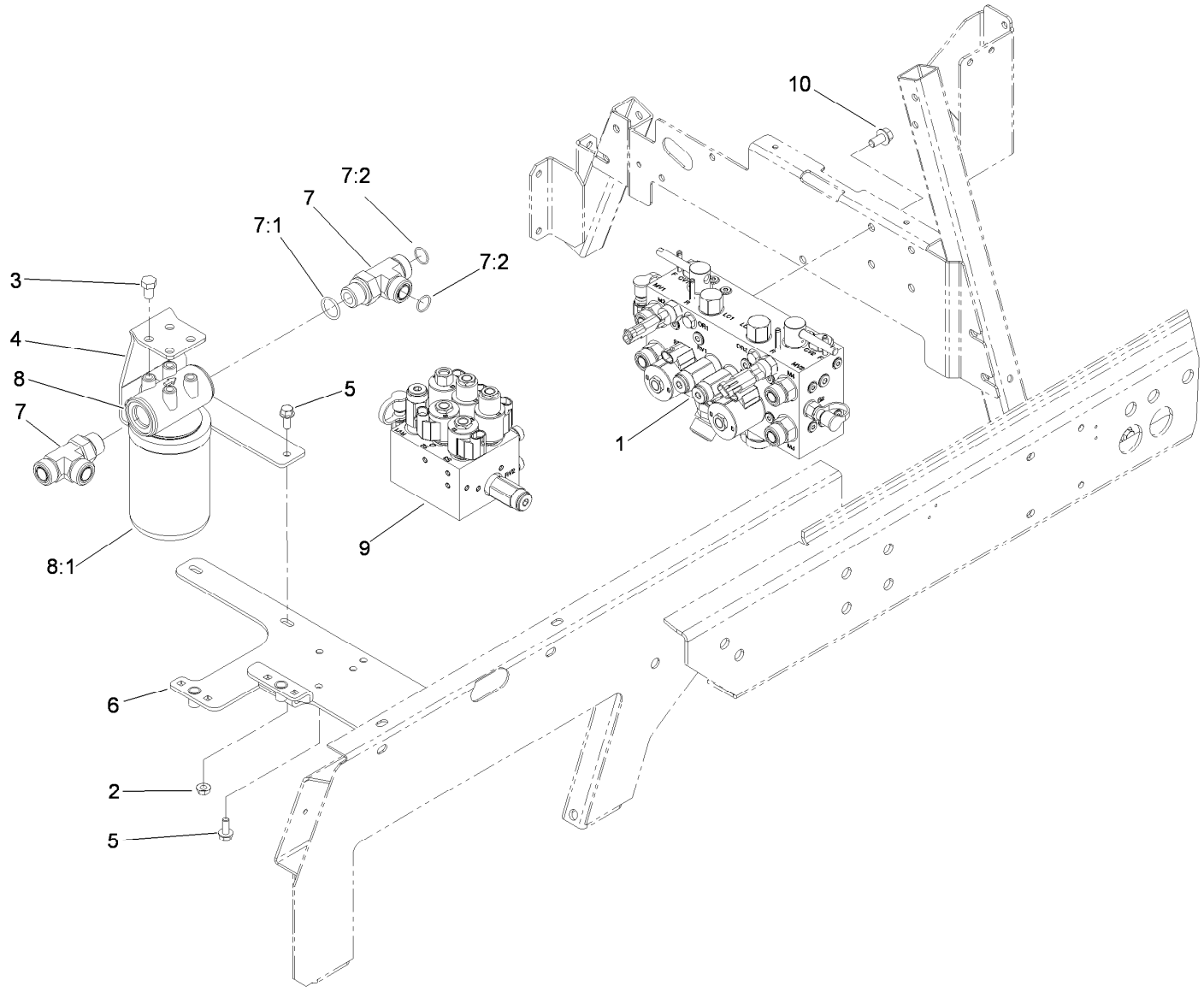
Ref.	*Part Number*	*Qty.*	*Description*
2	93-7592	2	Tread-Rest, Foot
3	75-0620	1	Tread-Foot, LH
4	119-1497	1	Tread-Foot, RH
8	105-9860	2	Seal-Foam
9	106-7794-01	2	Plate-Mount, HYD Fitting
10	322-3	8	Screw-HH
11	32128-20	8	Nut-HF



Front Shroud and Work Light Assembly

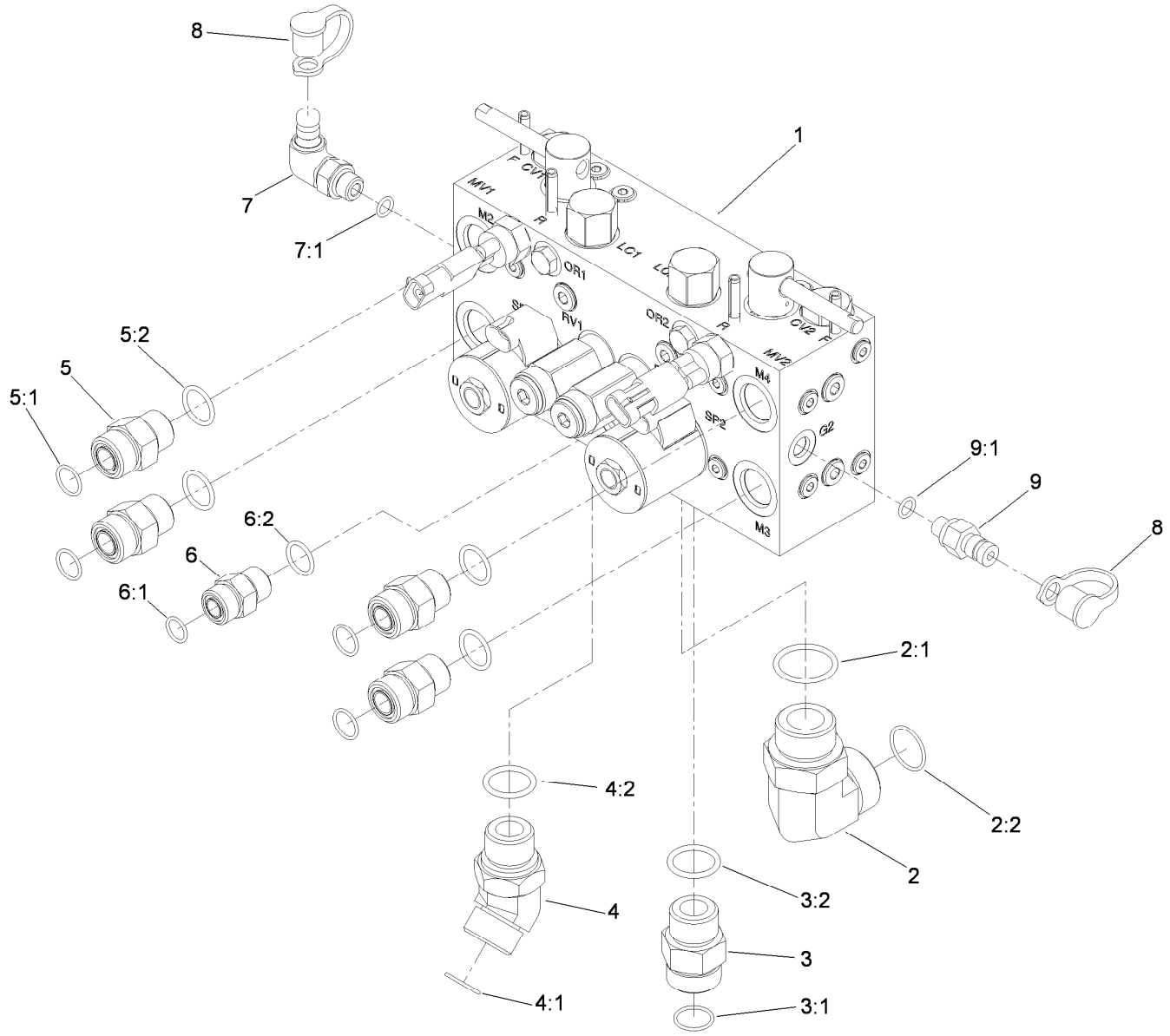
Ref.	Part Number	Qty.	Description
1	3234-7	7	Screw-HHF
2	75-0630	1	Tread-Foot, Center
3	75-1410-01	1	Plate-Access, Floor
4	120-1687	1	Plate-Access ASM
4:2	105-9860	2	Seal-Foam
4:3	120-1683	1	Decal-Danger
5	3296-45	2	Nut-Lock, NI
6	31-0750	2	Roller-Front
7	3234-38	3	Screw-HHF
8	125-1663-01	1	Support-Roller
9	325-42	2	Screw-HH
10	120-1686	1	Decal-Danger, Ce

Ref.	Part Number	Qty.	Description
11	94-9024	2	Lamp ASM
11:1	95-0909	1	Lamp-12 Volt
12	3230-7	2	Bolt-CARR
13	104-8300	2	Nut-Flange, NI
14	115-9137	1	Shroud-Platform
15	93-6028	1	Plate-Logo
16	3254-9	4	Washer-Lock, Internal
17	32104-17	2	Screw-HWH
18	120-1670	1	Decal-Mow Speed
19	3274-18	2	Screw-HSH
20	32128-20	4	Nut-HF



Mow and Lift Manifold Assembly

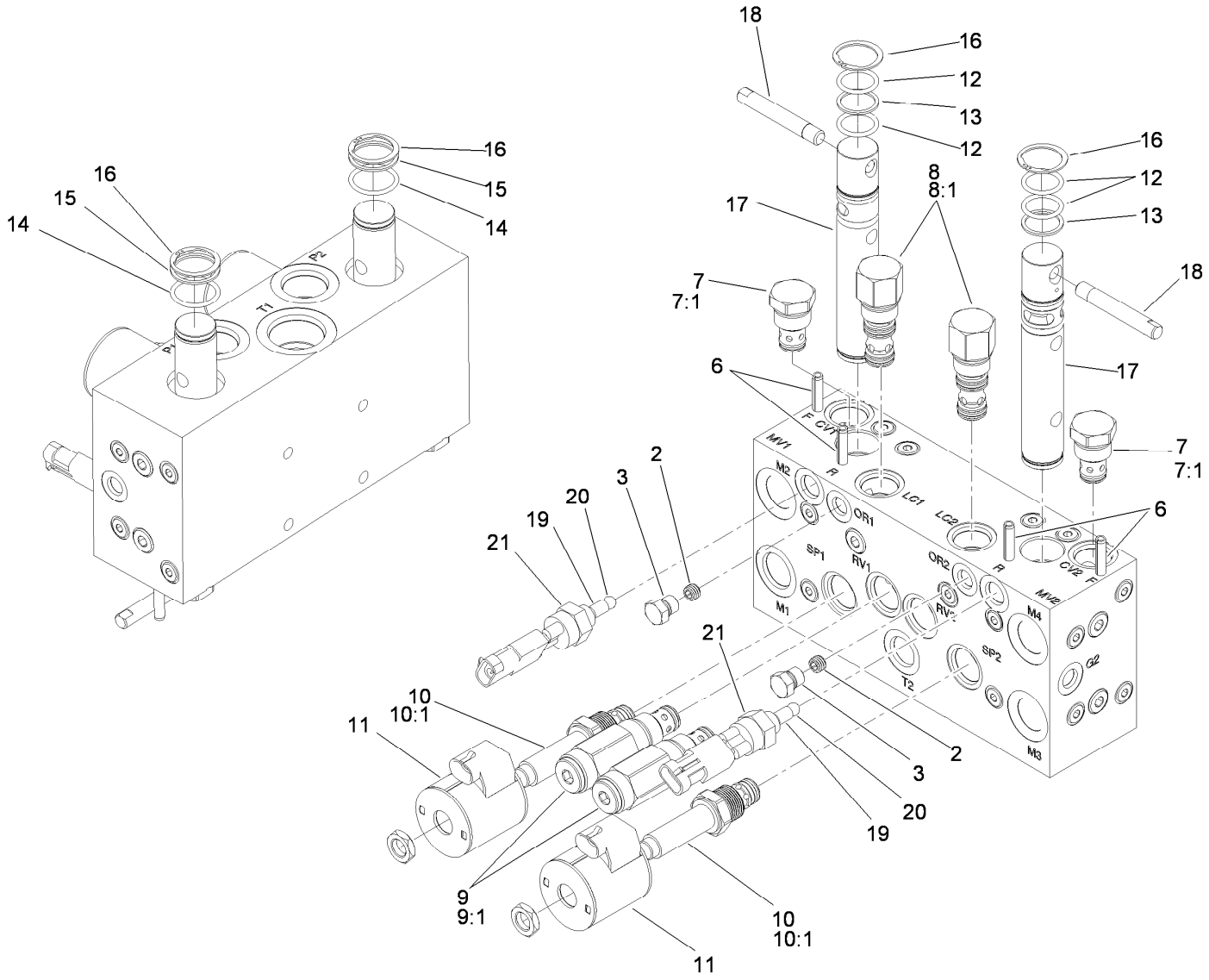
Ref.	*Part Number*	*Qty.*	*Description*
1	119-1461	1	Mow Manifold ASM
2	32128-20	2	Nut-HF
3	33115-016	4	Screw-HH
4	104-5492-03	1	Bracket-Mount, Filter
5	3234-5	8	Screw-HHF
6	117-2362	1	Bracket-Mount, Valve
7	340-148	2	Fitting-Tee
7:1	237-81	1	O-Ring
7:2	237-58	2	O-Ring
8	93-2242	1	Filter-Oil
8:1	75-1310	1	Filter-HYD
9	119-1463	1	Lift Manifold ASM
10	110-1718	4	Screw-HHF



Mow Manifold Assembly No. 119-1461

Ref.	Part Number	Qty.	Description
1		1	Manifold-Mow 5-Plex ●
2	340-129	1	Fitting-HYD, 90
2:1	237-146	1	O-Ring
2:2	340-65	1	O-Ring
3	340-9	1	Fitting-HYD, Straight
3:1	237-58	1	O-Ring
3:2	237-81	1	O-Ring
4	100-5530	1	Fitting-HYD, 45 DEG
4:1	237-58	1	O-Ring
4:2	237-81	1	O-Ring
5	340-7	4	Adapter
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	340-4	1	Fitting-HYD, Straight
6:1	237-30	1	O-Ring
6:2	237-79	1	O-Ring
7	115-9147	1	Fitting-Elbow, 90 DEG
7:1	237-78	1	O-Ring
8	354-79	2	Cap-Dust
9	354-77	1	Fitting-Quick
9:1	237-78	1	O-Ring

● Not serviced separately



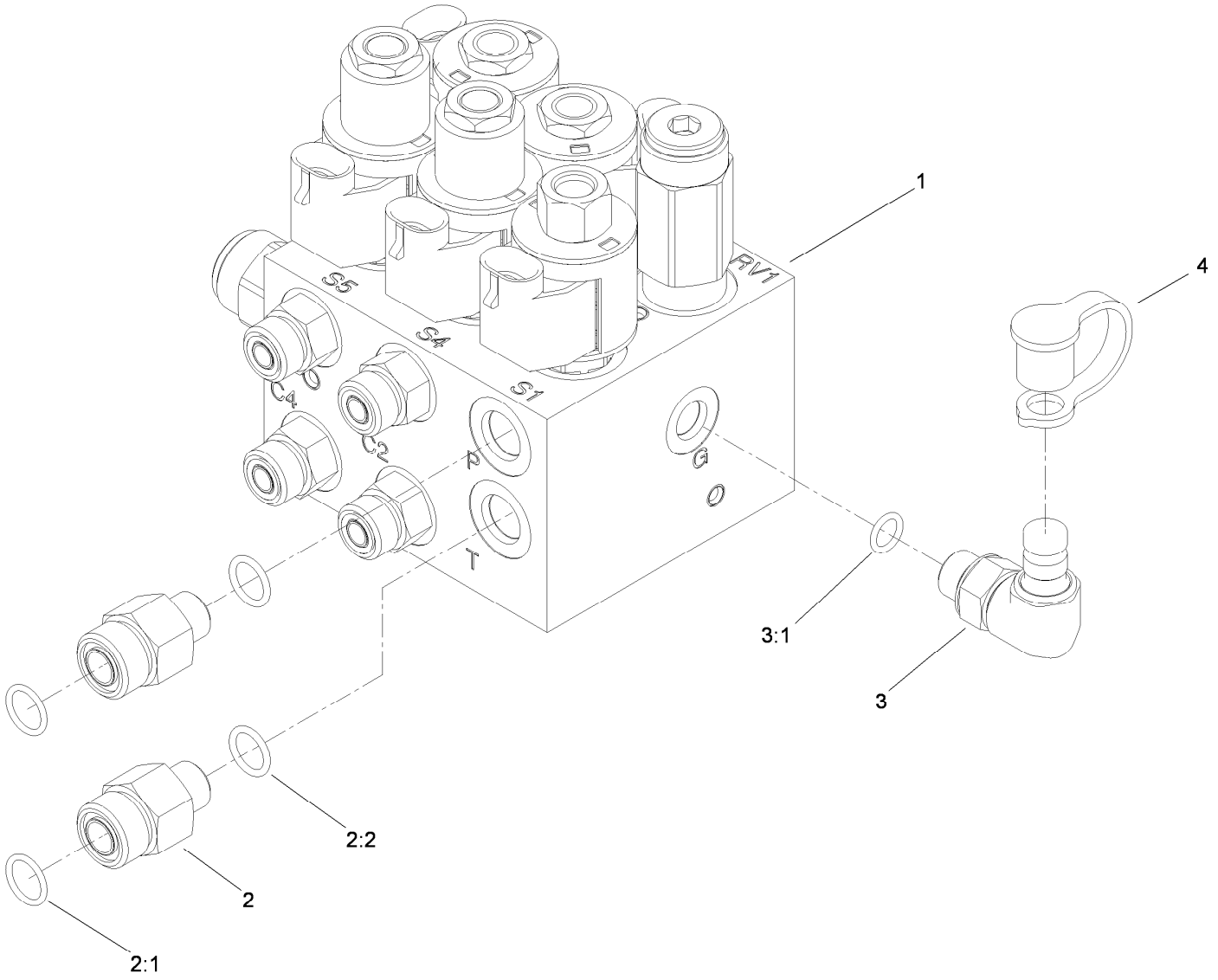
Manifold Mow Block Assembly

Ref.	Part Number	Qty.	Description
2	110-8883	2	Plug-Orifice (0.040)
3		2	Plug ■
6	112-6531	4	Pin-Spring
7	110-8881	2	Valve-Check
7:1	105-9159	1	Seal Kit ●
8	120-1693	2	Compensator-Pressure
8:1	119-2159	1	Seal Kit
9	120-1659	2	Valve-Relief, 3000 Psi
9:1	105-9159	1	Seal Kit ●
10	120-1694	2	Valve-Proportional, Nc
10:1	105-9159	1	Seal Kit

Ref.	Part Number	Qty.	Description
11	110-6344	2	Coil-12V, Dc
12	120-1657	4	O-Ring
13	120-1656	2	Ring-Backup
14	125-1652	2	O-Ring
15	120-1654	2	Ring-Backup
16	120-1653	4	Ring-Retaining, External
17	120-1652	2	Spool-Backlap
18	120-1651	2	Handle-Spool
19	120-1650	2	Pin
20	117-4605	2	Ball-Ss
21	72-4320	2	Switch-Ball

● Not illustrated

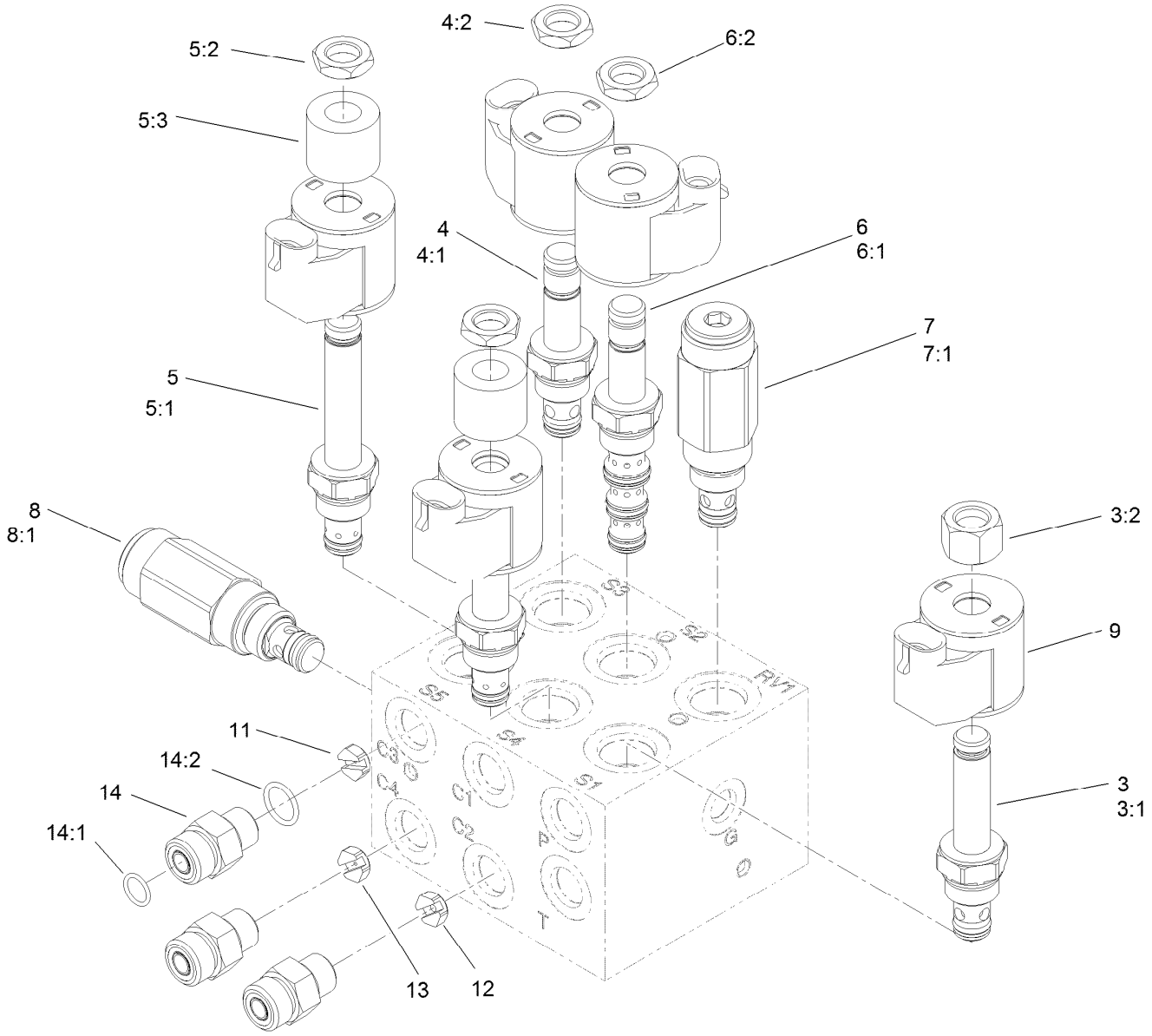
■ Not serviced separately



Lift Manifold Assembly No. 119-1463

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Manifold-Lift 5-Plex ●
2	340-5	2	Fitting-Straight
2:1	237-42	1	O-Ring
2:2	237-30	1	O-Ring
3	115-9147	1	Fitting-Elbow, 90 DEG
3:1	237-78	1	O-Ring
4	354-79	1	Cap-Dust

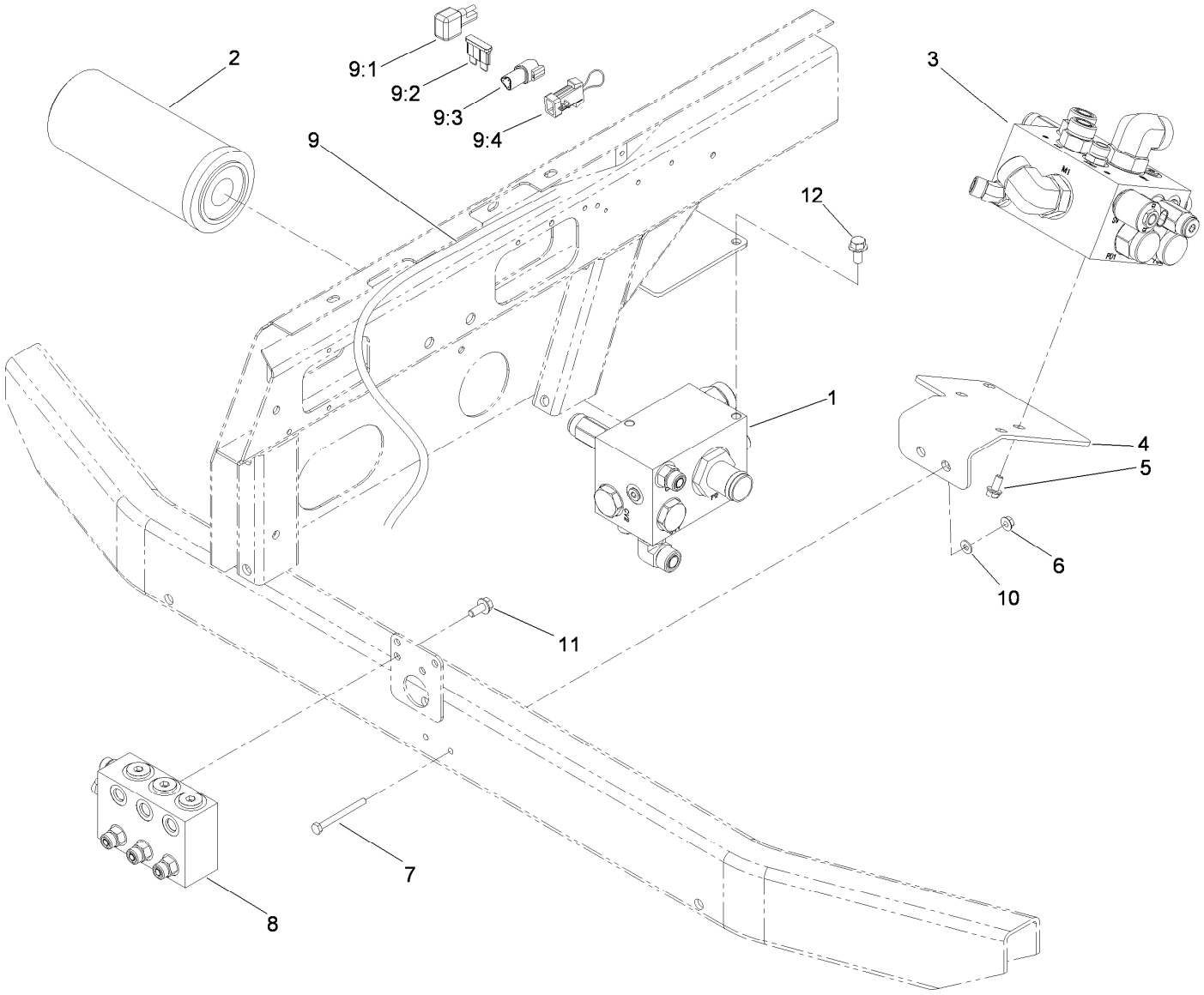
● Not serviced separately



5 Plex Lift Manifold Assembly

Ref.	Part Number	Qty.	Description
3	107-7517	1	Valve-Solenoid
3:1	105-9156	1	Seal Kit
3:2	107-7812	1	Nut-Solenoid
4	112-9206	1	Solenoid Valve ASM
4:1	105-9156	1	Seal Kit
4:2	110-2634	1	Nut-Coil
5	110-8898	2	Valve-Solenoid
5:1	107-7527	1	Seal Kit
5:2	110-2634	1	Nut-Coil
5:3	110-8909	1	Spacer-Coil
6	120-1665	1	Valve-Solenoid
6:1	112-6520	1	Seal Kit

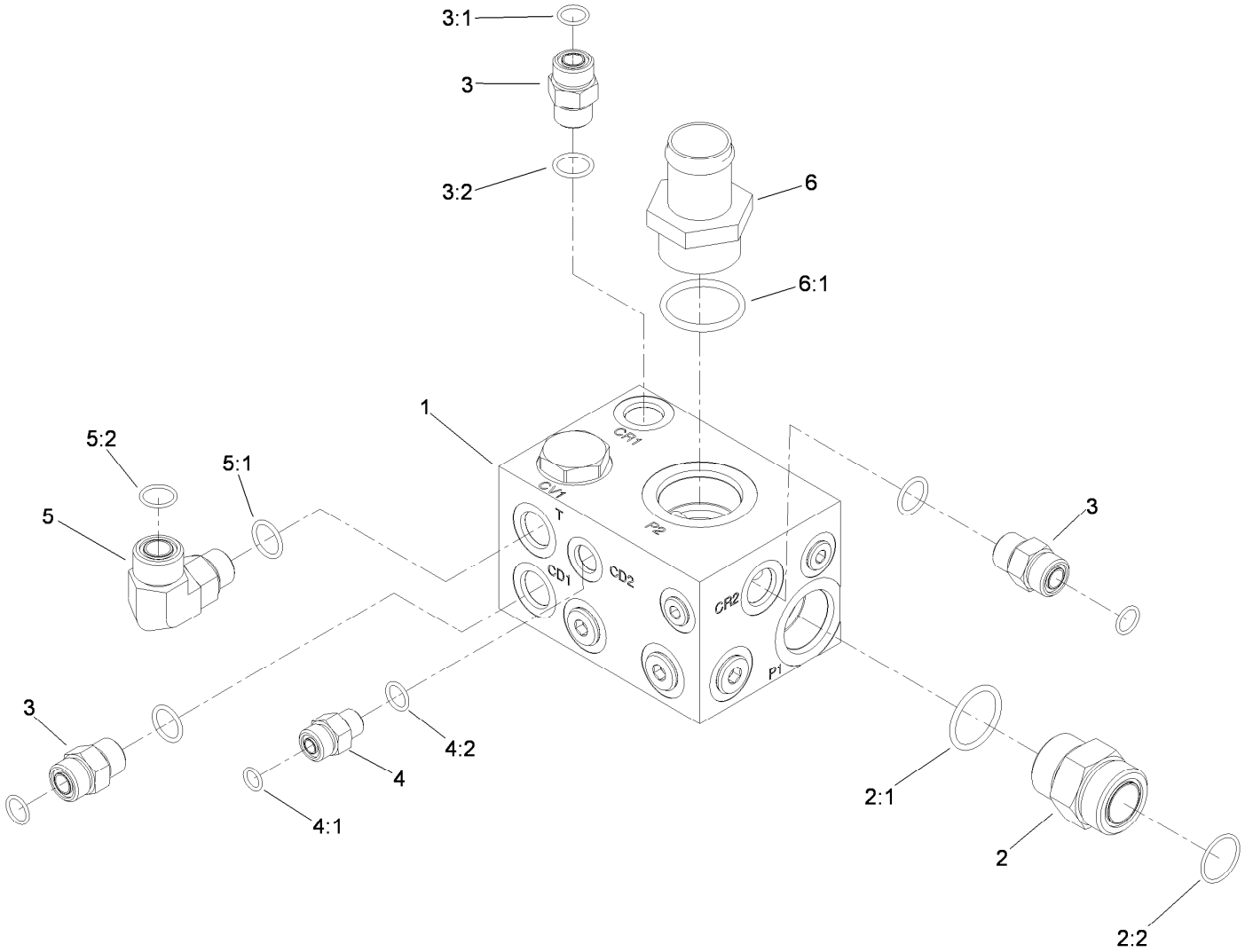
Ref.	Part Number	Qty.	Description
6:2	110-2634	1	Nut-Coil
7	120-1664	1	Valve-Relief, 1700 Psi
7:1	105-9156	1	Seal Kit
8	120-1663	1	Valve-Relief, 500 Psi
8:1	105-9156	1	Seal Kit
9	110-0497	5	Coil-Solenoid
11	120-1662	1	Orifice-Flow Control, .040
12	120-1661	1	Orifice-Flow Control, .109
13	119-2010	1	Orifice-Flow Control (0.055)
14	340-2	3	Fitting-HYD, Straight
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring



4 Wheel Drive and Filter Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	119-3893	1	Filter Manifold ASM
2	94-2621	1	Element-Filter
3	119-3940	1	4 Wheel Drive Manifold ASM
4	104-5467-03	1	Bracket-Mount, Valve
5	3234-14	3	Screw-HHF
6	32128-33	2	Nut-HF
7	321-14	2	Screw-HH
8	119-3877	1	Junction Manifold ASM

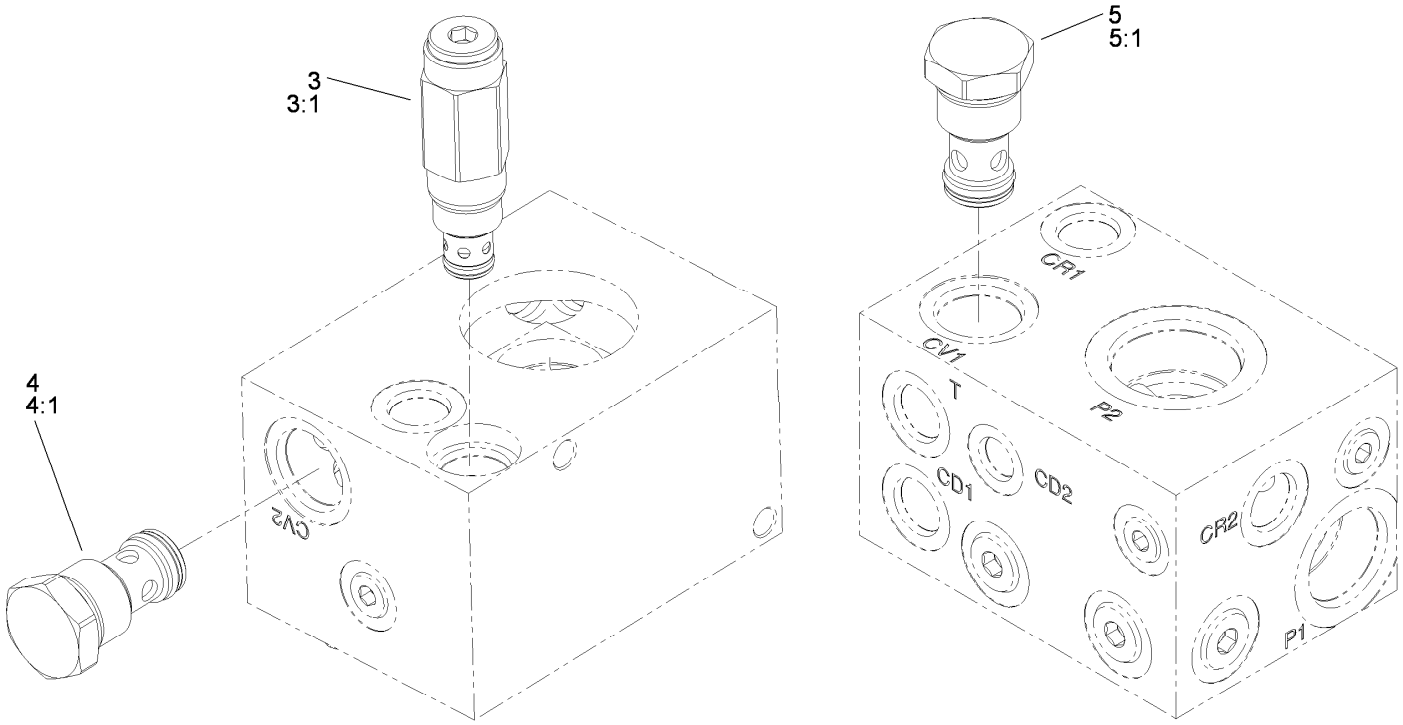
Ref.	*Part Number*	*Qty.*	*Description*
9	119-1300	1	Harness-Wire, Main
9:1	100-4918	1	Diode-Over Molded
9:2	99-6124	1	Fuse-Blade, 40 Amp
9:3	32180-043	1	Resistor-120 Ohm
9:4	85-4650	1	Connector
10	3256-22	2	Washer-Flat
11	3234-5	2	Screw-HHF
12	110-1718	2	Screw-HHF



Filter Manifold Assembly No. 119-3893

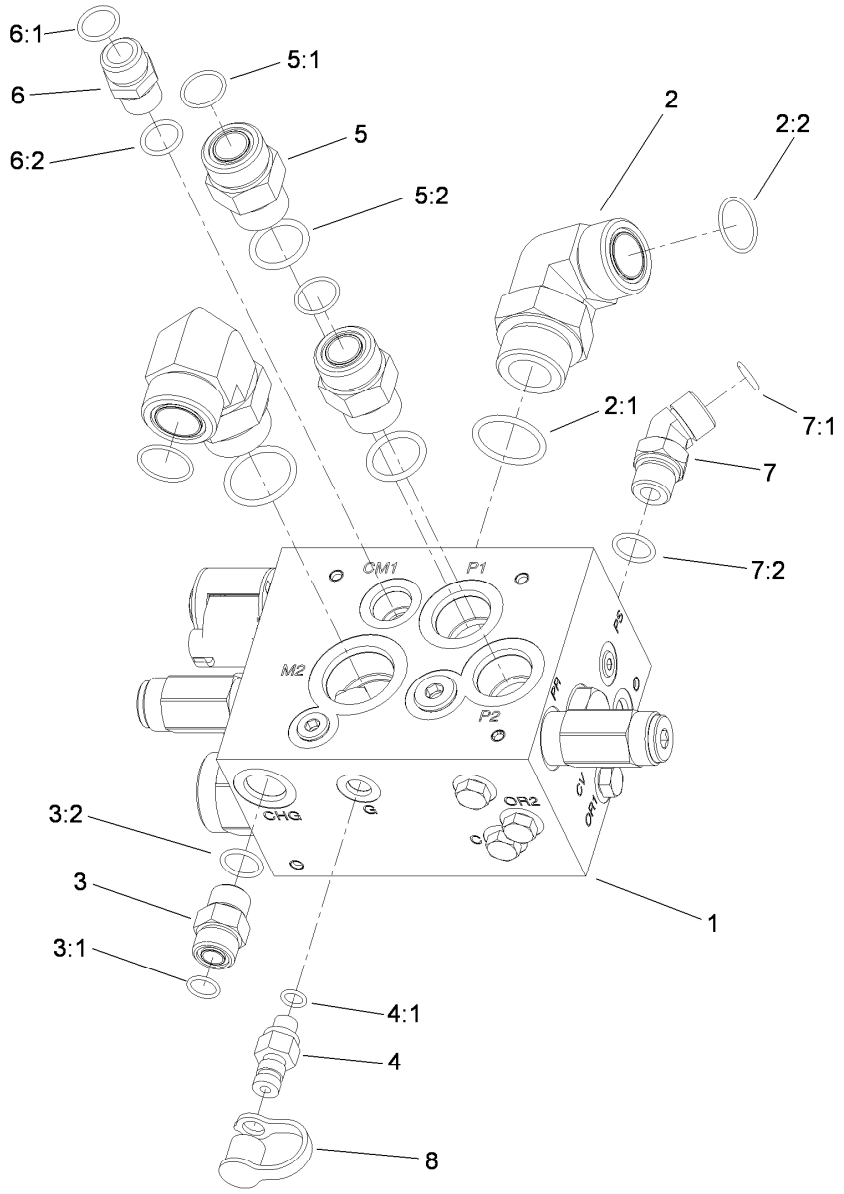
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Manifold-Filter ●
2	104-3797	1	Fitting-HYD, Straight
2:1	237-146	1	O-Ring
2:2	340-65	1	O-Ring
3	340-4	3	Fitting-HYD, Straight
3:1	237-30	1	O-Ring
3:2	237-79	1	O-Ring
4	340-2	1	Fitting-HYD, Straight
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	340-153	1	Fitting-Elbow, 90 DEG
5:1	237-79	1	O-Ring
5:2	237-151	1	O-Ring
6	104-5480	1	Fitting-Hose, Straight
6:1	237-123	1	O-Ring

● Not serviced separately



Filter Manifold Block Assembly

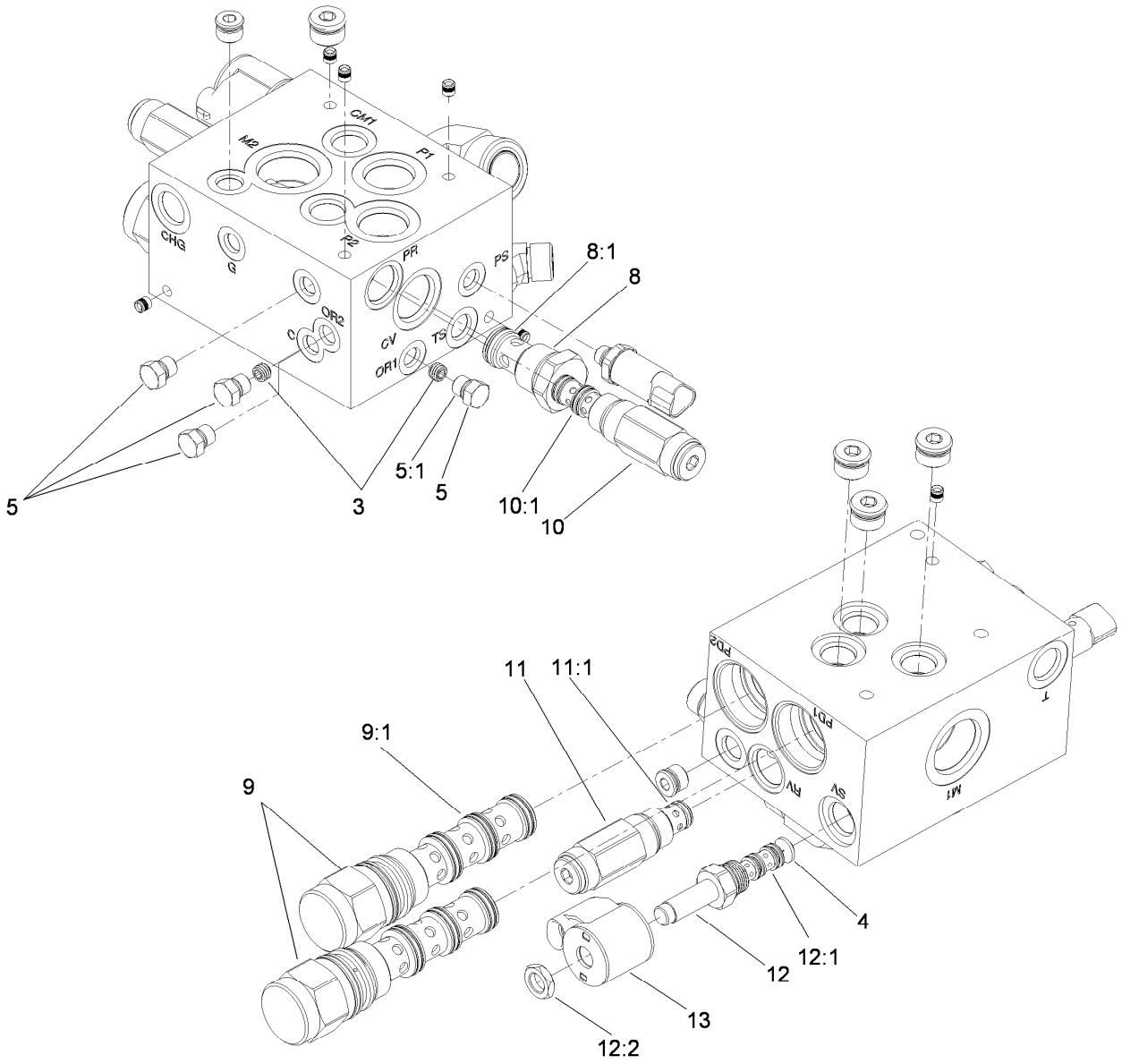
Ref.	*Part Number*	*Qty.*	*Description*
3	115-4140	1	Valve-Check
3:1	105-9159	1	Seal Kit
4	110-0467	1	Valve-Check, 40 Psi
4:1	110-0470	1	Seal Kit
5	110-0468	1	Valve-Check, 5 Psi
5:1	110-0470	1	Seal Kit



4 Wheel Drive Manifold Block Assembly No. 119-3940

Ref.	Part Number	Qty.	Description
1		1	Manifold-4 Wheel Drive ●
2	340-129	2	Fitting-HYD, 90
2:1	237-146	1	O-Ring
2:2	340-65	1	O-Ring
3	340-4	1	Fitting-HYD, Straight
3:1	237-30	1	O-Ring
3:2	237-79	1	O-Ring
4	354-77	1	Fitting-Quick
4:1	237-78	1	O-Ring
5	340-9	2	Fitting-HYD, Straight
5:1	237-58	1	O-Ring
5:2	237-81	1	O-Ring
6	100-4890	1	Fitting-Check
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-101	1	Fitting-HYD, 45 DEG
7:1	237-30	1	O-Ring
7:2	237-79	1	O-Ring
8	354-79	1	Cap-Dust

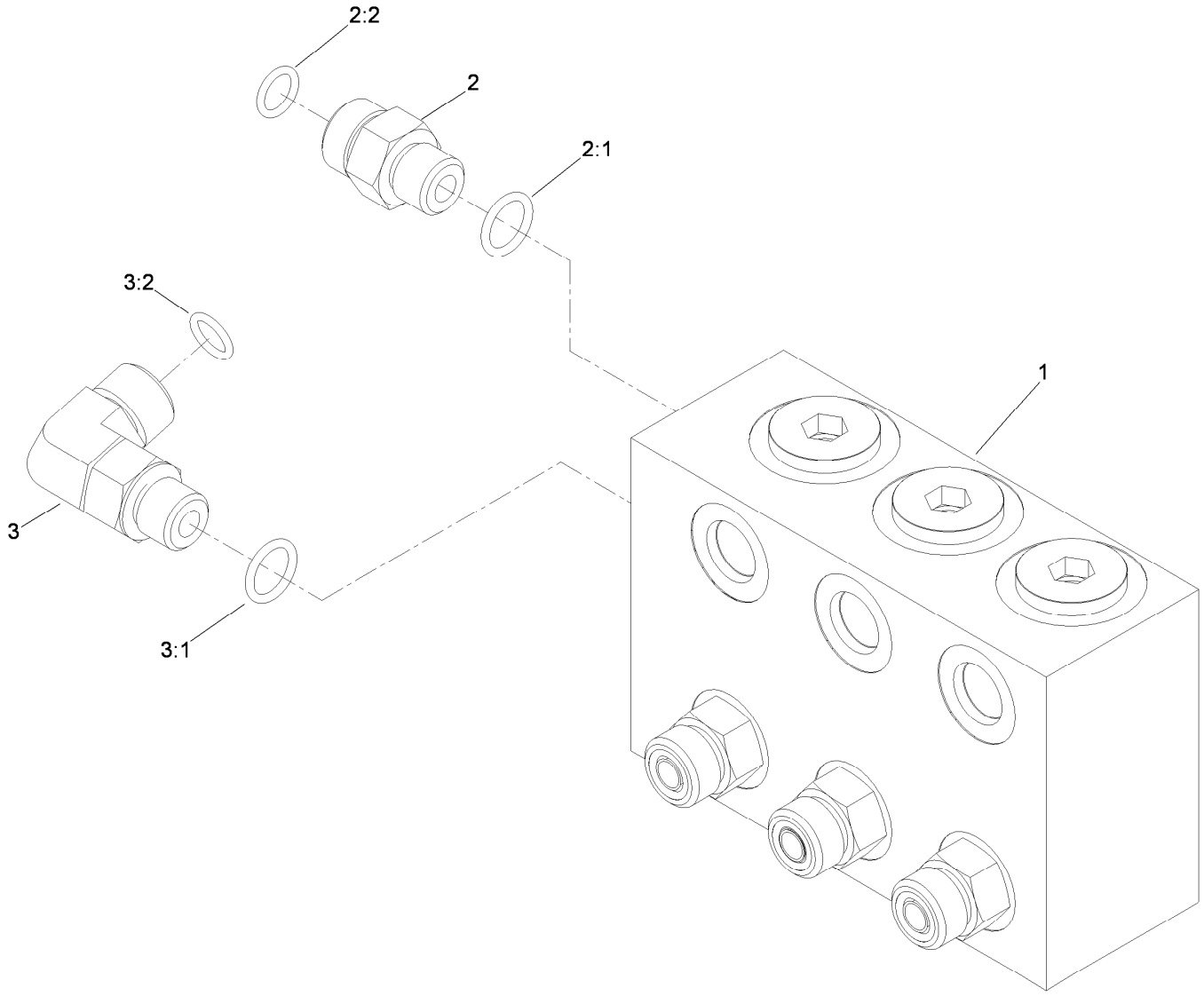
● Not serviced separately



4-Wheel Drive Manifold Assembly

Ref.	Part Number	Qty.	Description
3	110-0495	2	Orifice (.050)
4	110-0498	1	Orifice (.030)
5	117-0115	4	Plug-HYD
5:1	237-78	1	O-Ring
8	110-0468	1	Valve-Check, 5 Psi
8:1	110-0470	1	Seal Kit
9	110-0491	2	Valve-Directional
9:1	106-6775	1	Seal Kit

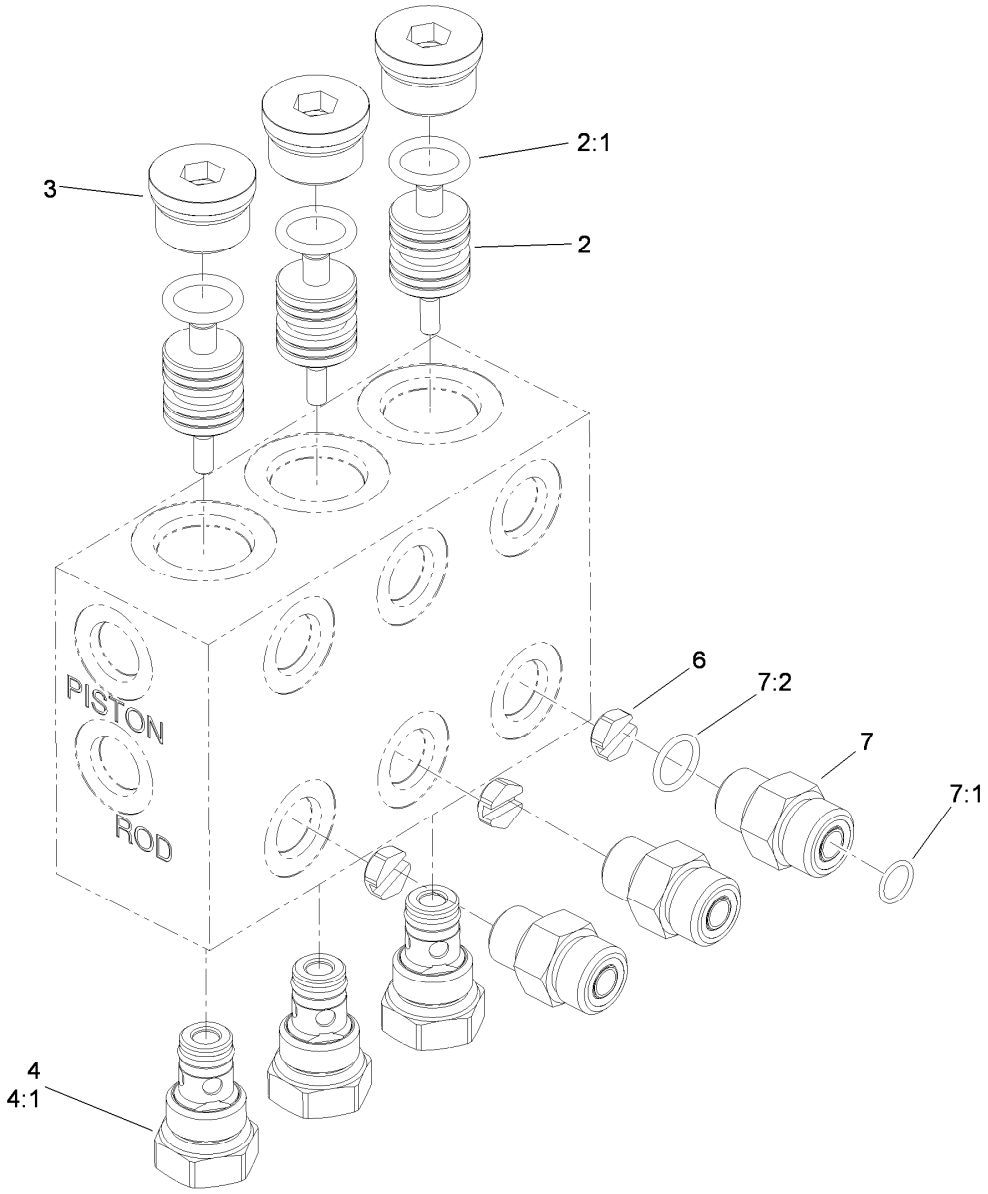
Ref.	Part Number	Qty.	Description
10	110-0496	1	Valve-Reducing, Pressure
10:1	105-9154	1	Seal Kit
11	112-9205	1	Valve-Relief
11:1	105-9159	1	Seal Kit
12	110-0494	1	Valve-Solenoid
12:1	110-8773	1	Seal Kit
12:2	110-2634	1	Nut-Coil
13	110-0497	1	Coil-Solenoid



Junction Manifold Assembly No. 119-3877

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Manifold-Junction ●
2	340-2	1	Fitting-HYD, Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	340-77	1	Fitting-HYD, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring

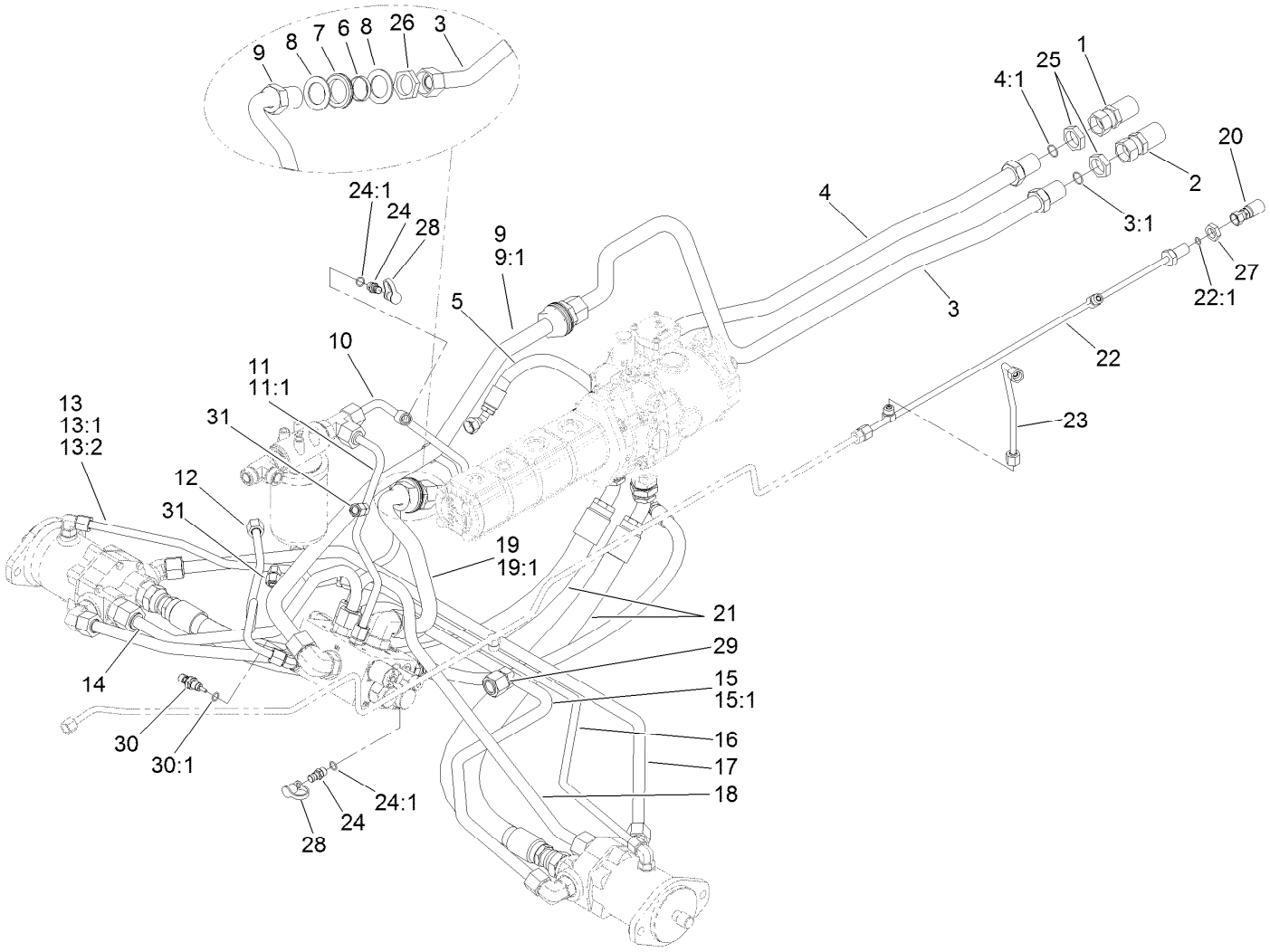
● Not serviced separately



Juction Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
2	110-8901	3	Piston-Pilot
2:1	110-8900	1	O-Ring
3		3	Plug ●
4	110-9006	3	Valve-Check
4:1	105-9156	1	Seal Kit
6	119-2009	3	Orifice-Flow Control (0.030)
7	340-2	3	Fitting-HYD, Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring

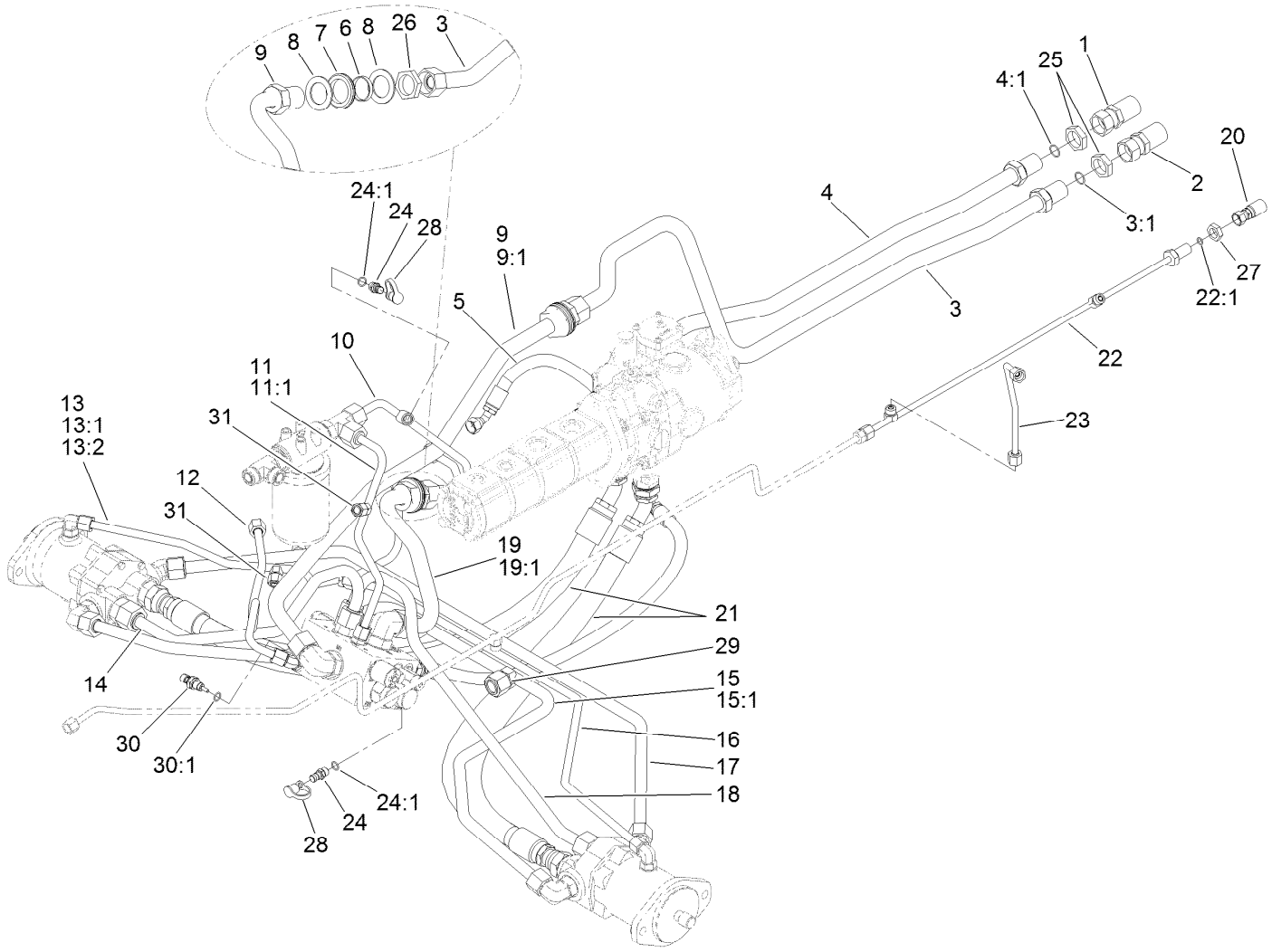
● Not serviced separately



Traction Hydraulic Line Assembly

Ref.	Part Number	Qty.	Description
1	92-7536	1	Hose-HYD
2	105-9818	1	Hose-HYD
3	114-8118	1	Tube-HYD
3:1	237-58	1	O-Ring
4	119-3895	1	Tube-HYD
4:1	237-58	1	O-Ring
5	108-8440	1	Hose ASM
6	69-8950	2	Spacer
7	240-2	2	Grommet-Rubber
8	69-8920	4	Washer
9	114-8149	1	Tube-HYD
9:1	340-65	1	O-Ring ●
10	119-3901	1	Tube-HYD
11	114-8148	1	Tube-HYD
11:1	237-22	1	O-Ring ●
12	115-4351	1	Tube-HYD
13	119-3891	1	Tube-HYD
13:1	237-22	1	O-Ring ●
13:2	237-30	1	O-Ring ●
14	119-3890	1	Tube-HYD
15	119-3886	1	Tube-HYD
15:1	237-58	1	O-Ring ●
16	119-3888	1	Tube-HYD
17	119-3889	1	Tube-HYD
18	119-3887	1	Tube-HYD
19	114-8147	1	Tube-HYD
19:1	340-65	1	O-Ring ●
20	92-7534	1	Hose-HYD
21	104-5464	2	Hose-HYD
22	114-4194	1	Tube-HYD
22:1	237-22	3	O-Ring
23	115-9124	1	Tube-HYD
24	59-7410	3	Fitting-Diagnostic
24:1	237-42	1	O-Ring
25	340-126	2	Nut-Bulkhead
26	340-128	2	Nut-Bulkhead

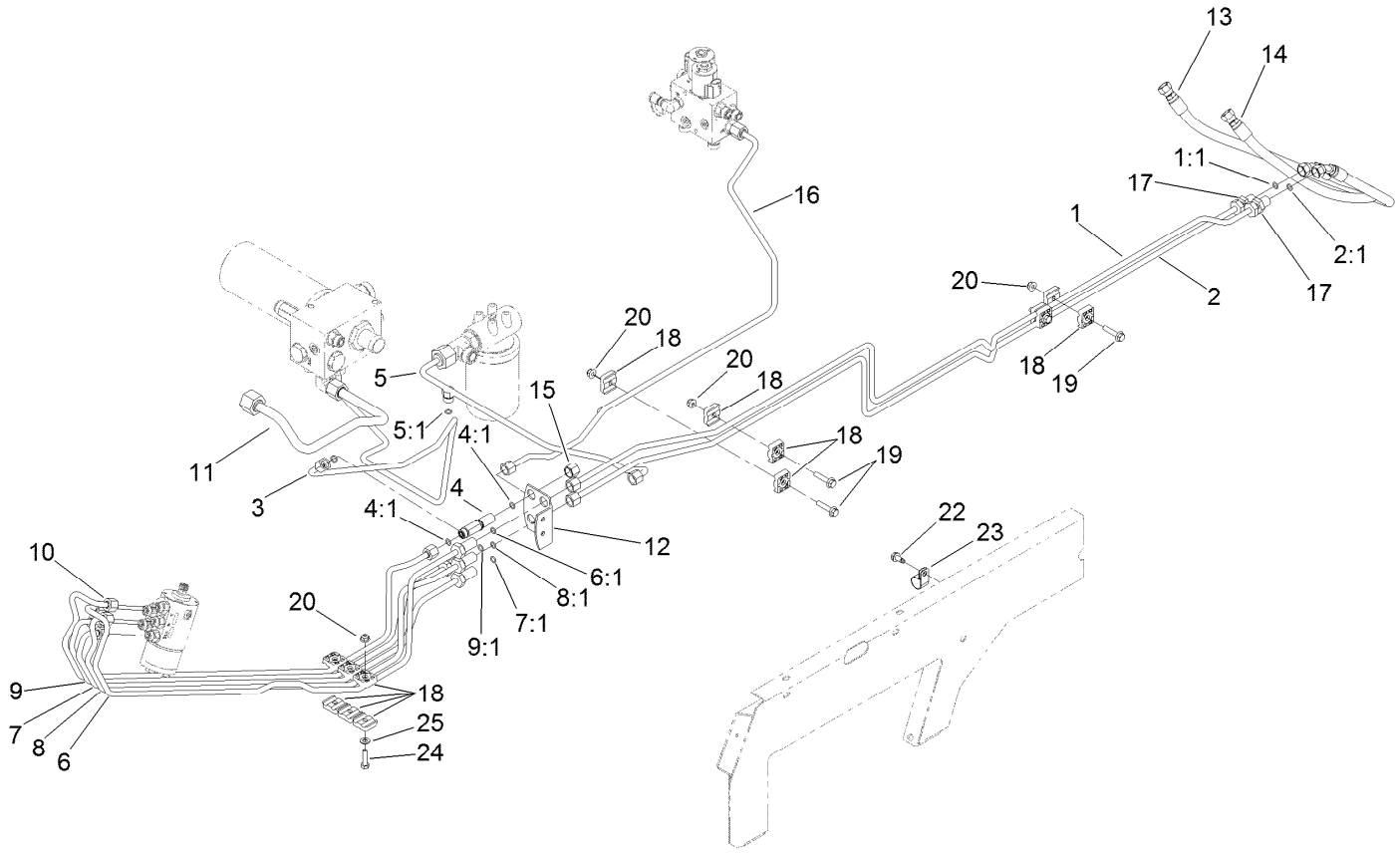
● Not illustrated



Traction Hydraulic Line Assembly (continued)

Ref.	Part Number	Qty.	Description
27	340-70	1	Nut-Lock
28	354-79	3	Cap-Dust
29	95-0979	1	Cap-Ors
30	110-8829	1	Sender-Temperature
30:1	237-42	1	O-Ring
31	340-117	2	Cap

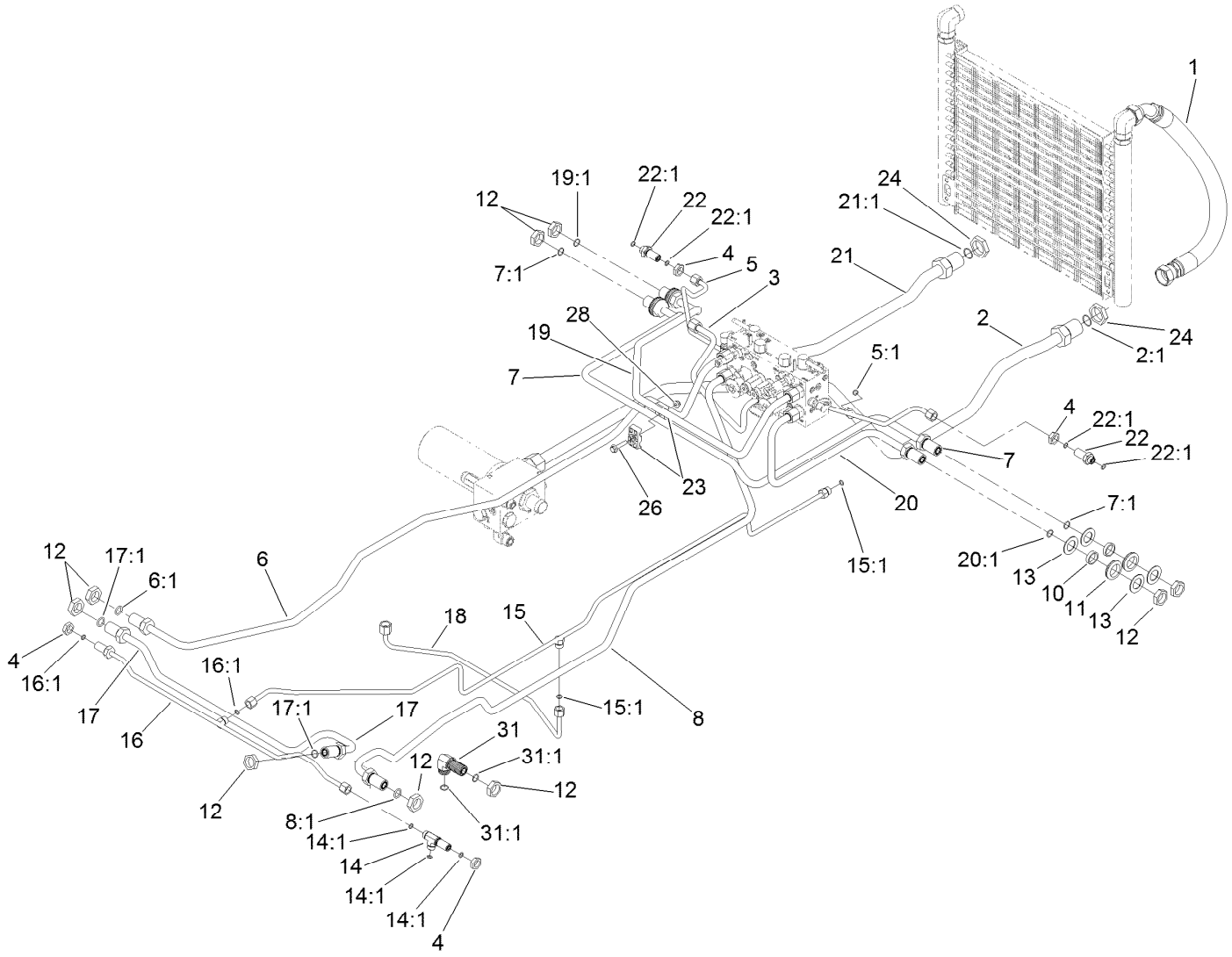
● Not illustrated



Steering Hydraulic Line Assembly

Ref.	Part Number	Qty.	Description
1	105-3871	1	Tube ASM
1:1	237-22	1	O-Ring
2	115-9128	1	Tube ASM
2:1	237-22	1	O-Ring
3	119-3900	1	Tube-HYD
4	340-68	1	Fitting-Tee, Bulkhead
4:1	237-22	3	O-Ring
5	115-4412	1	Tube ASM
5:1	237-22	1	O-Ring
6	115-4408	1	Tube ASM
6:1	237-22	1	O-Ring
7	115-4406	1	Tube ASM
7:1	237-22	1	O-Ring
8	115-4409	1	Tube ASM
8:1	237-22	1	O-Ring
9	115-4405	1	Tube ASM

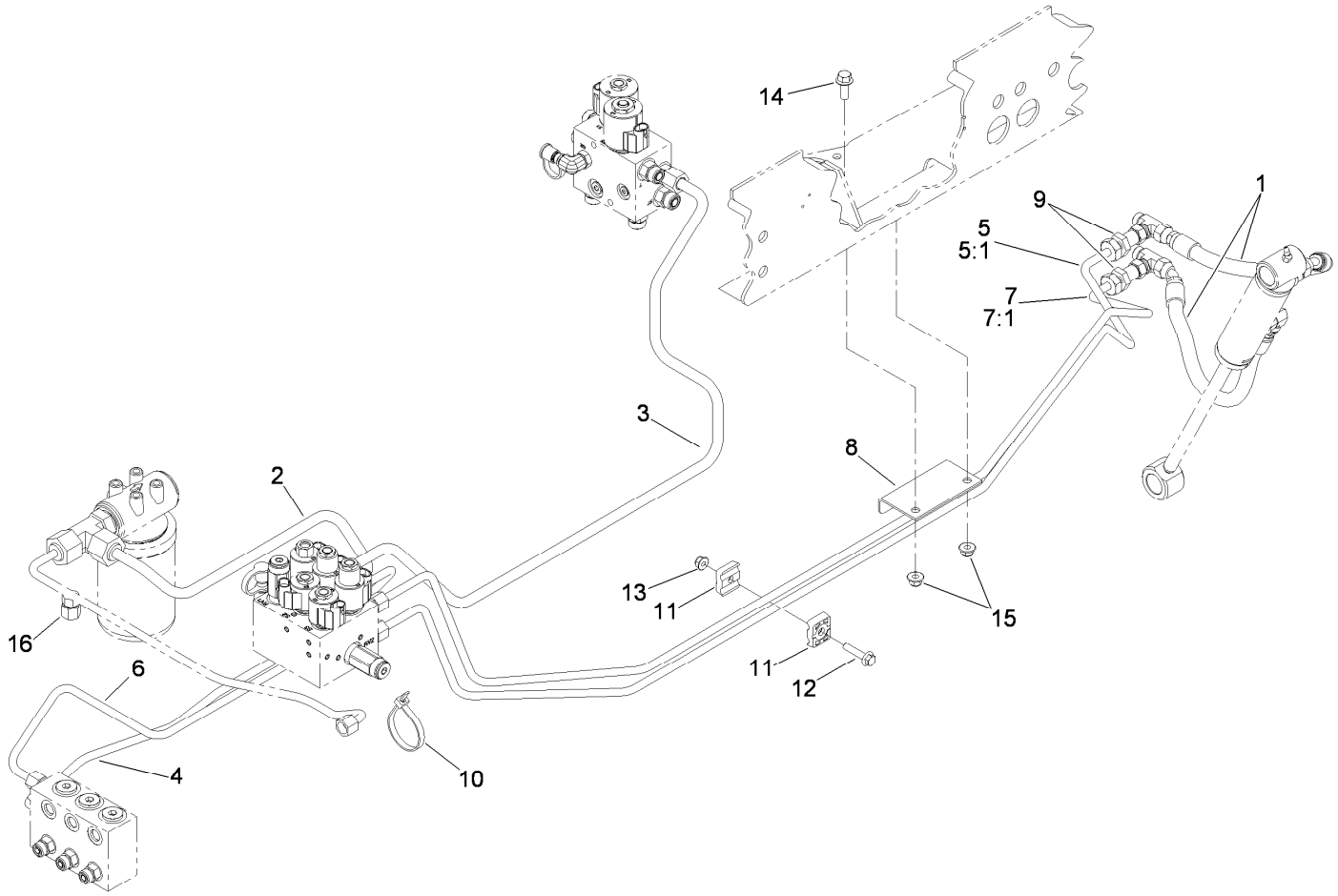
Ref.	Part Number	Qty.	Description
9:1	237-22	1	O-Ring
10	115-4407	1	Tube-HYD
11	119-3898	1	Tube-HYD
12	92-7606-03	1	Bracket-Bulkhead
13	105-9817	1	Hose-HYD
14	92-7539	1	Hose-HYD
15	340-117	1	Cap
16	115-4422	1	Tube-HYD
17	340-70	7	Nut-Lock
18	56-7973	14	Clamp-Tube
19	3234-36	4	Screw-HHF
20	104-8300	4	Nut-Flange, NI
22	32104-32	3	Screw-HWH
23	2412-41	1	Clamp
24	322-6	3	Screw-HH
25	3256-23	3	Washer-Flat



Hydraulic Line Assembly

Ref.	Part Number	Qty.	Description
1	104-5483	2	Hose-HYD
2	115-4378	1	Tube-HYD
2:1	340-65	1	O-Ring
3	119-1469	1	Tube-HYD
4	340-70	4	Nut-Lock
5	115-9125	1	Tube-HYD
5:1	237-22	1	O-Ring
6	119-1454	1	Tube-HYD
6:1	237-65	1	O-Ring
7	119-1465	1	Tube-HYD
7:1	237-65	2	O-Ring
8	119-1453	1	Tube-HYD
8:1	237-65	1	O-Ring
10	69-9000	9	Spacer
11	240-3	9	Grommet-Rubber
12	340-74	9	Nut-Lock, Bulkhead
13	69-9010	18	Washer
14	340-68	1	Fitting-Tee, Bulkhead
14:1	237-22	3	O-Ring
15	115-4433	1	Tube-HYD

Ref.	Part Number	Qty.	Description
15:1	237-22	2	O-Ring
16	115-9139	1	Tube-HYD
16:1	237-22	2	O-Ring
17	119-1466	1	Tube-HYD
17:1	237-65	2	O-Ring
18	115-9127	1	Tube-HYD
19	119-1456	1	Tube-HYD
19:1	237-65	1	O-Ring
20	119-1455	1	Tube-HYD
20:1	237-65	1	O-Ring
21	119-3899	1	Tube-HYD
21:1	340-65	1	O-Ring
22	340-71	2	Fitting-Straight, Bulkhead
22:1	237-22	2	O-Ring
23	56-7971	2	Clamp-Tube
24	340-128	2	Nut-Bulkhead
26	115-1794	1	Screw-HHF
28	104-8300	1	Nut-Flange, NI
31	340-72	1	Fitting-Bulkhead, 90 DEG
31:1	237-65	2	O-Ring

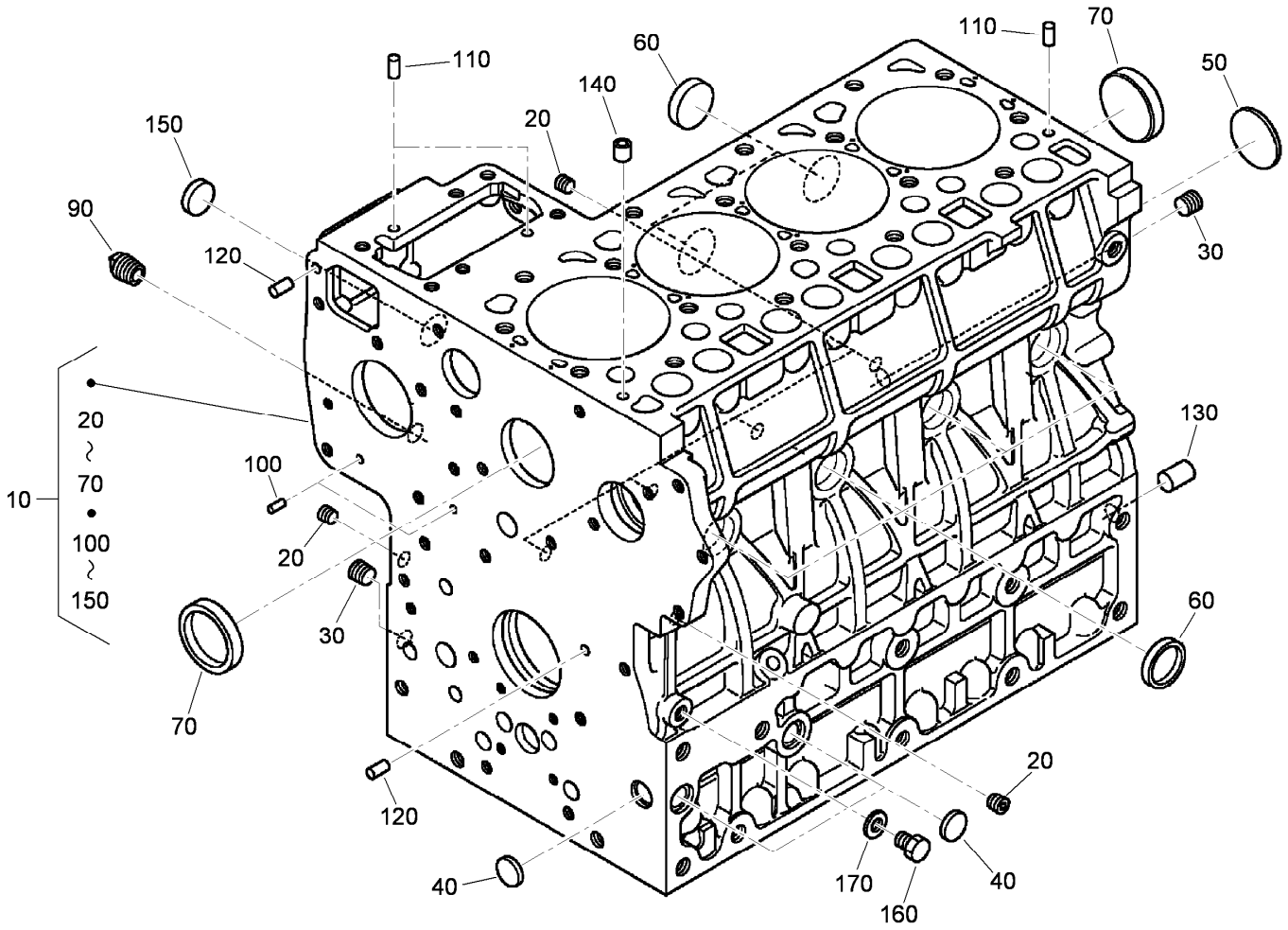


Hydraulic Line Assembly 2

Ref.	Part Number	Qty.	Description
1	105-9238	4	Hose-HYD
2	119-1468	1	Tube-HYD
3	119-1467	1	Tube-HYD
4	119-1470	1	Tube-HYD
5	119-1473	1	Tube-HYD
5:1	237-22	1	O-Ring ●
6	119-1471	1	Tube-HYD
7	119-1472	1	Tube-HYD
7:1	237-22	1	O-Ring ●

Ref.	Part Number	Qty.	Description
8	105-3990-03	1	Bracket-Support, Tube
9	340-70	2	Nut-Lock
10	3334-945	1	Tie-Cable
11	56-7973	4	Clamp-Tube
12	3234-36	2	Screw-HHF
13	104-8300	2	Nut-Flange, NI
14	3234-11	2	Screw-HHF
15	104-8301	1	Nut-Flange, NI
16	340-117	1	Cap

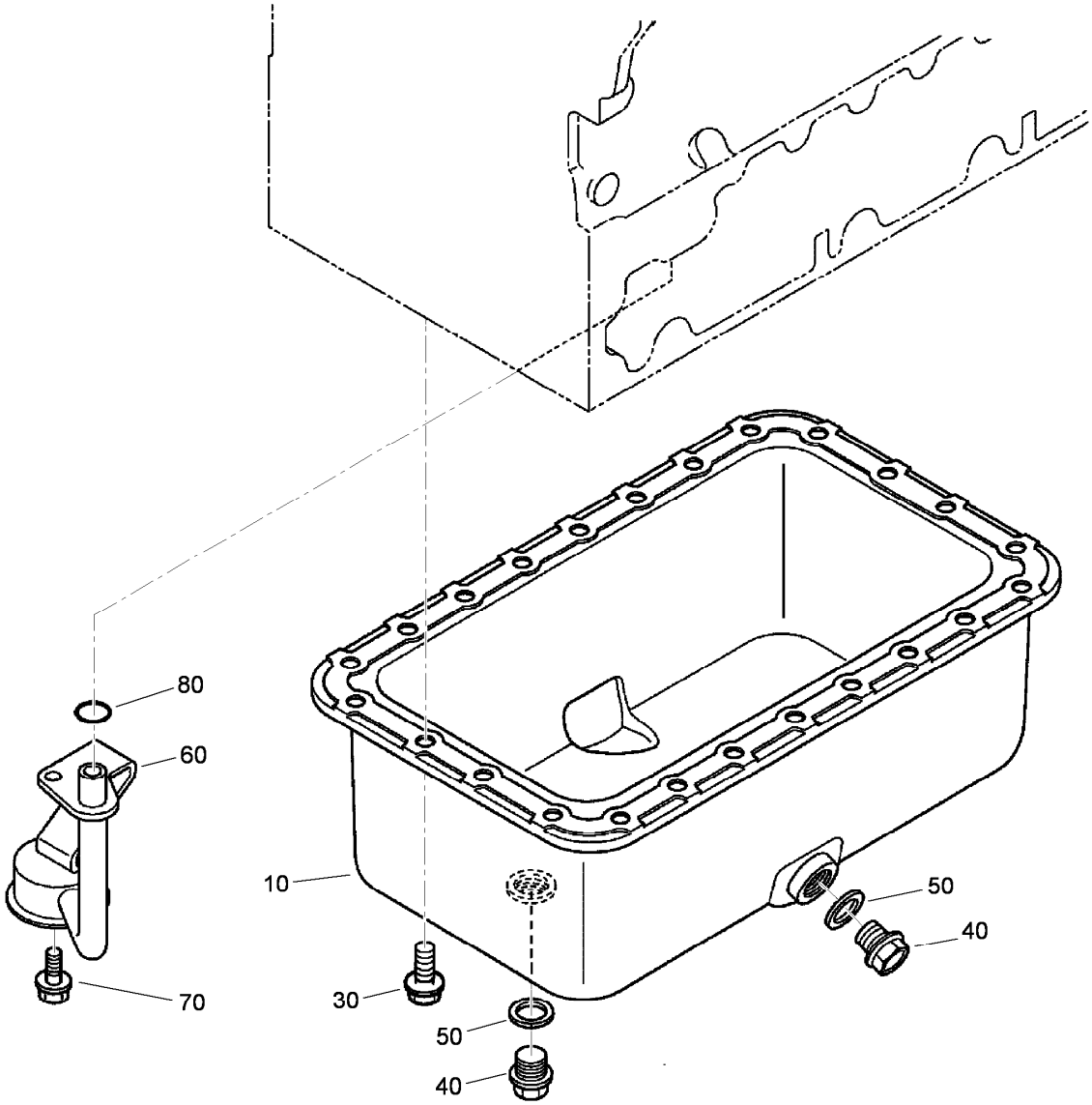
● Not illustrated



Crankcase Assembly

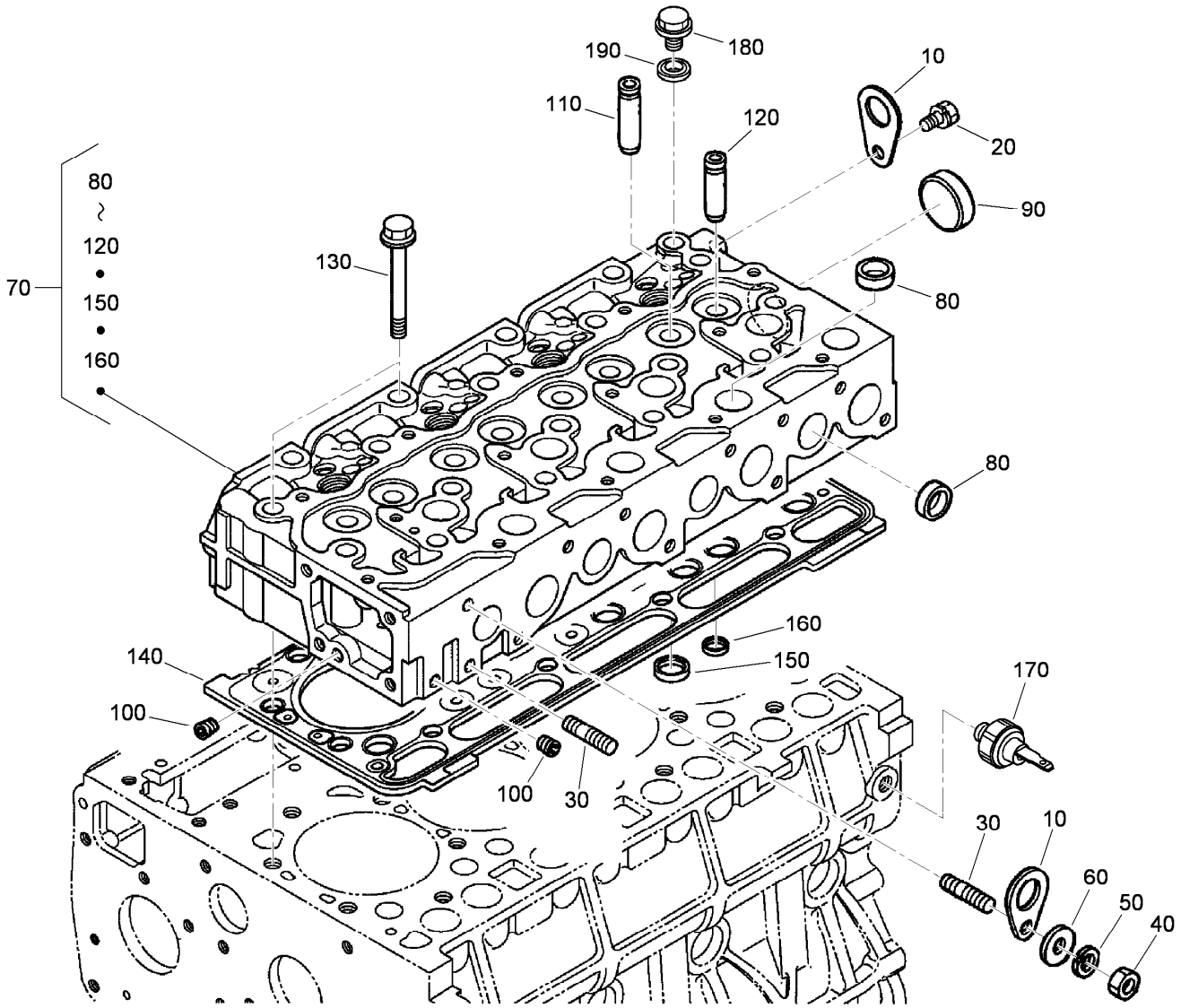
Ref.	Part Number	Qty.	Description
10	120-5161	1	Crankcase ASM
20	98-7487	6	Plug
30	107-0107	2	Plug
40	98-9379	3	Plug-Expansion
50	98-9668	1	Plug-Expansion
60	98-7500	6	Cap-Sealing
70	98-7501	2	Cap-Sealing
90	120-5842	1	Plug

Ref.	Part Number	Qty.	Description
100	98-7502	2	Pin-Straight
110	98-7503	3	Pin-Straight
120	98-7504	2	Pin-Straight
130	98-7505	1	Pin-Straight
140	98-7506	1	Pin-Pipe
150	100-2020	1	Cap-Sealing
160	120-2559	1	Plug
170	98-7428	1	Gasket



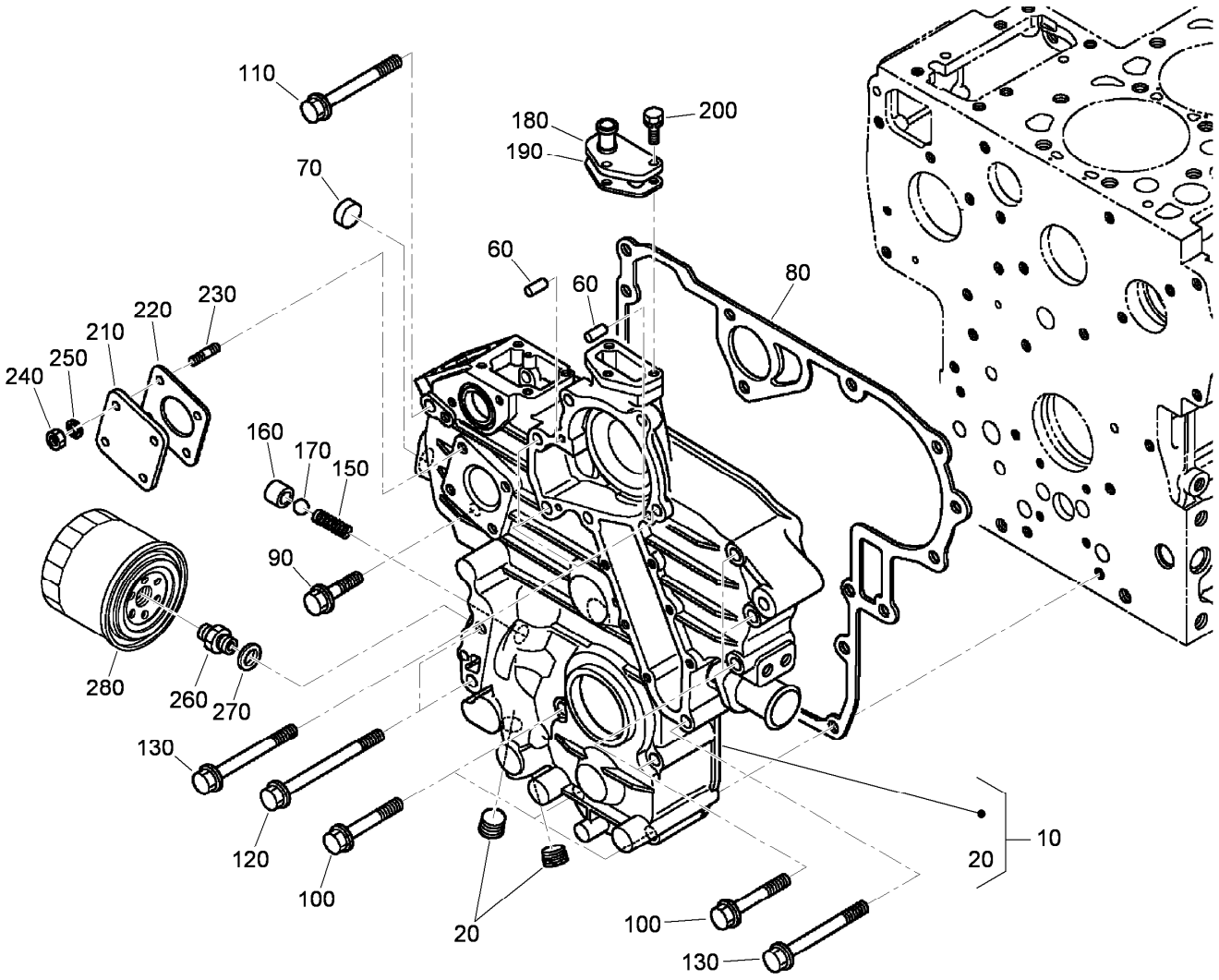
Oil Pan Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5836	1	Oil Pan ASM
30	110-6194	24	Bolt-Flange
40	98-9686	2	Plug-Drain
50	98-9399	2	Gasket
60	115-8503	1	Filter-Oil
70	115-8504	1	Bolt-Flange
80	108-7054	1	O-Ring



Cylinder Head Assembly

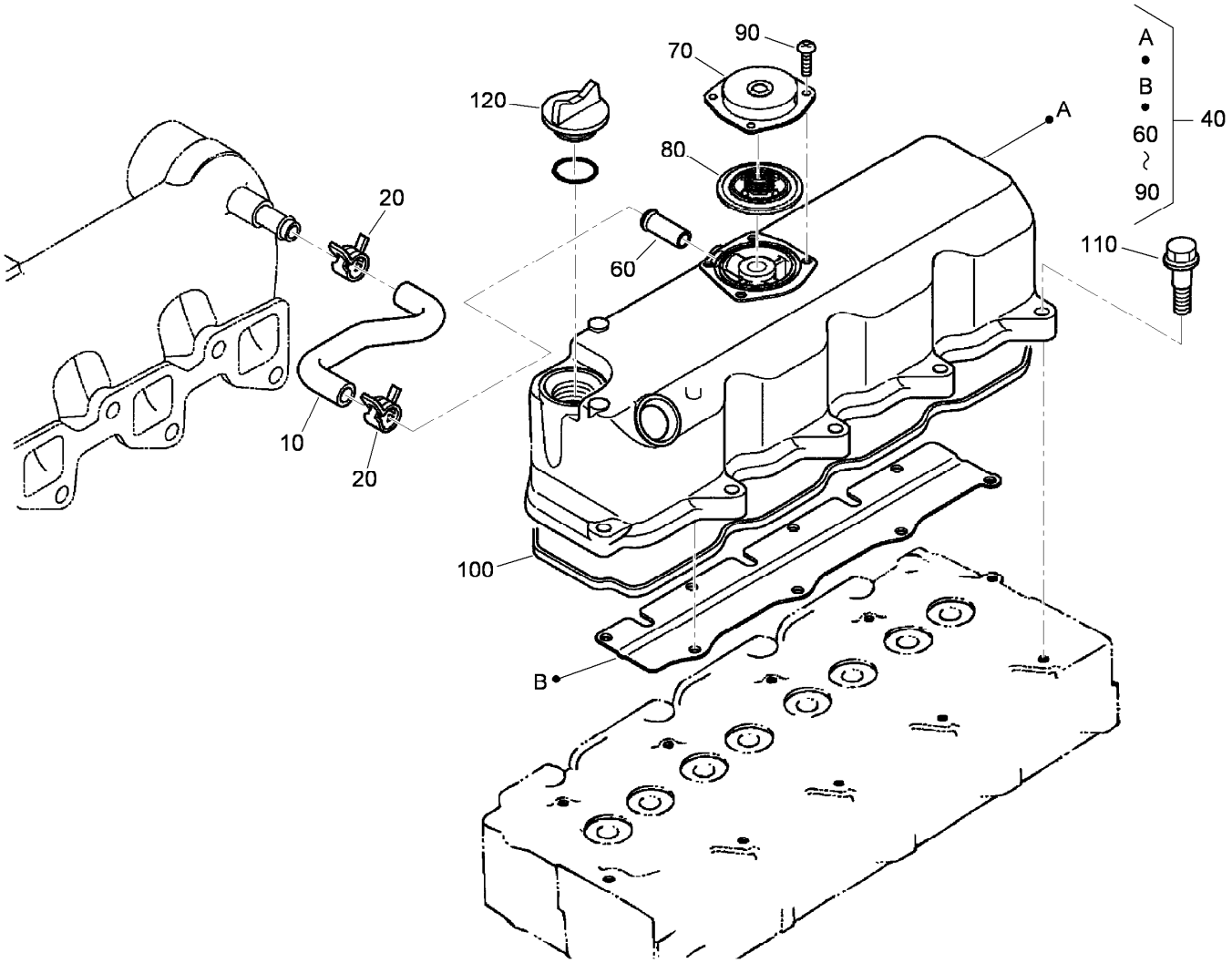
Ref.	Part Number	Qty.	Description
10	98-7531	2	Hook-Engine
20	98-7526	1	Bolt
30	115-8506	2	Stud
40	98-7534	1	Nut
50	105-2893	1	Washer-Spring
60	98-7536	1	Washer-Plain
70	120-5162	1	Cylinder Head ASM
80	98-7538	12	Cap-Sealing
90	98-7539	1	Cap-Sealing
100	98-7540	2	Plug
110	120-5163	4	Guide-Valve, Inlet
120	115-8508	4	Guide-Valve, Exhaust
130	98-7543	18	Bolt-Head, Cylinder
140	115-8647	1	Gasket-Head, Cylinder (1.15Mm)
140	115-8509	1	Gasket-Head, Cylinder (1.20Mm)
140	115-8510	1	Gasket-Head, Cylinder (1.25Mm)
140	115-8511	1	Gasket-Head, Cylinder (1.30Mm)
140	115-8512	1	Gasket-Head, Cylinder (1.35Mm)
150	120-5164	4	Seat-Valve, Inlet
160	120-5165	4	Seat-Valve, Exhaust
170	98-9416	1	Switch-Oil
180	98-7762	1	Plug
190	98-7763	1	Washer-W/Rubber



Gear Case Assembly

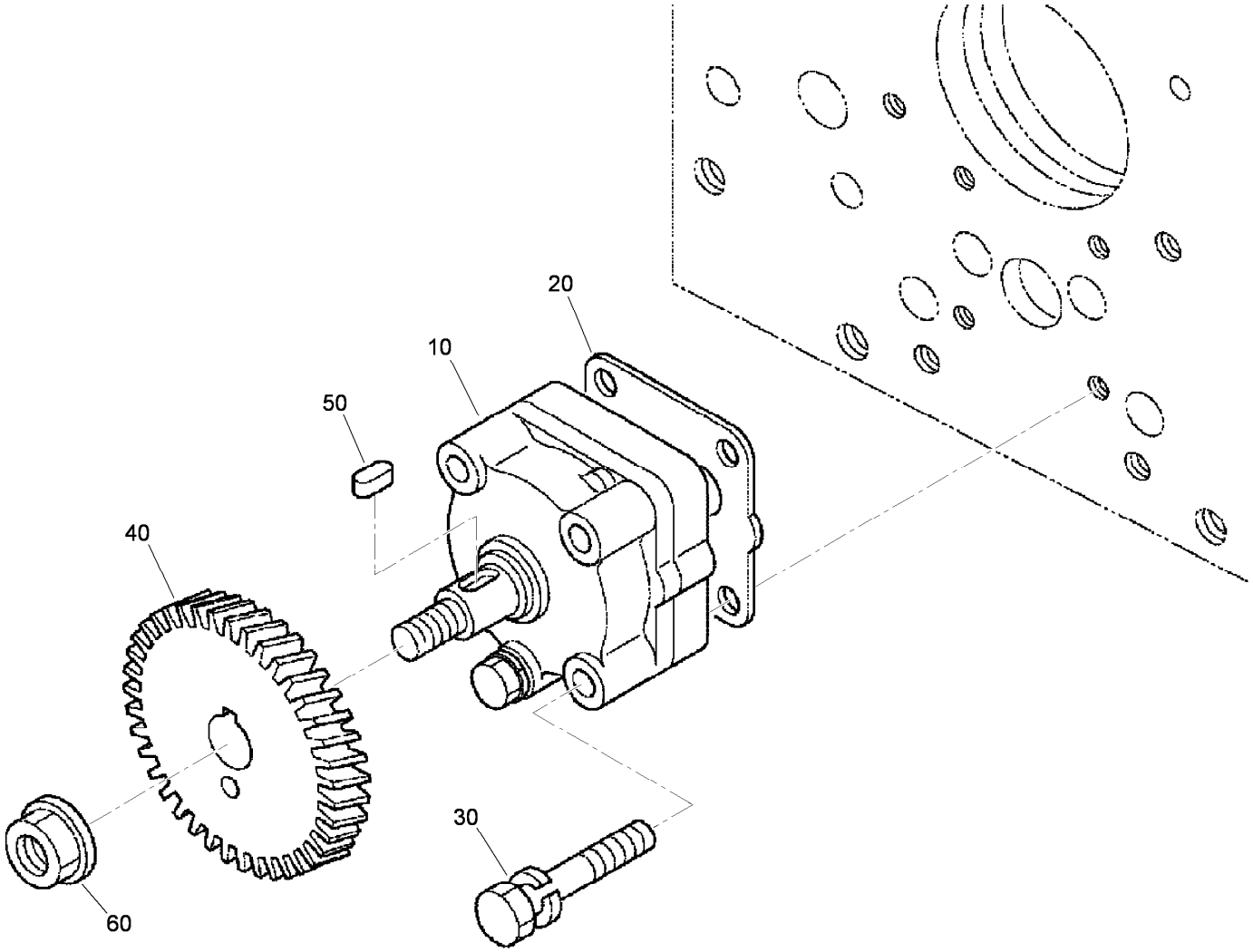
Ref.	Part Number	Qty.	Description
10	115-8513	1	Gear Case ASM
20	98-9598	2	Plug
60	98-7504	2	Pin-Straight
70	115-8515	1	Cap-Sealing
80	120-5166	1	Gasket-Case, Gear
90	108-7085	1	Bolt-Flange
100	115-8517	7	Bolt-Flange
110	115-8518	1	Bolt-Flange
120	115-8519	2	Bolt-Flange
130	115-8520	4	Bolt-Flange
150	98-7563	1	Spring
160	98-7564	1	Seat-Valve

Ref.	Part Number	Qty.	Description
170	98-7565	1	Ball
180	98-7566	1	Flange-Return, Water
190	115-8521	1	Gasket-Flange, Return
200	98-7568	3	Bolt
210	98-7569	1	Cover
220	115-8522	1	Gasket-Meter, Hour
230	98-7571	4	Stud
240	98-7572	4	Nut
250	98-7699	4	Washer-Spring
260	120-5167	1	Joint-Pipe
270	108-4419	1	Collar-Valve Seat
280	104-5169	1	Filter-Oil



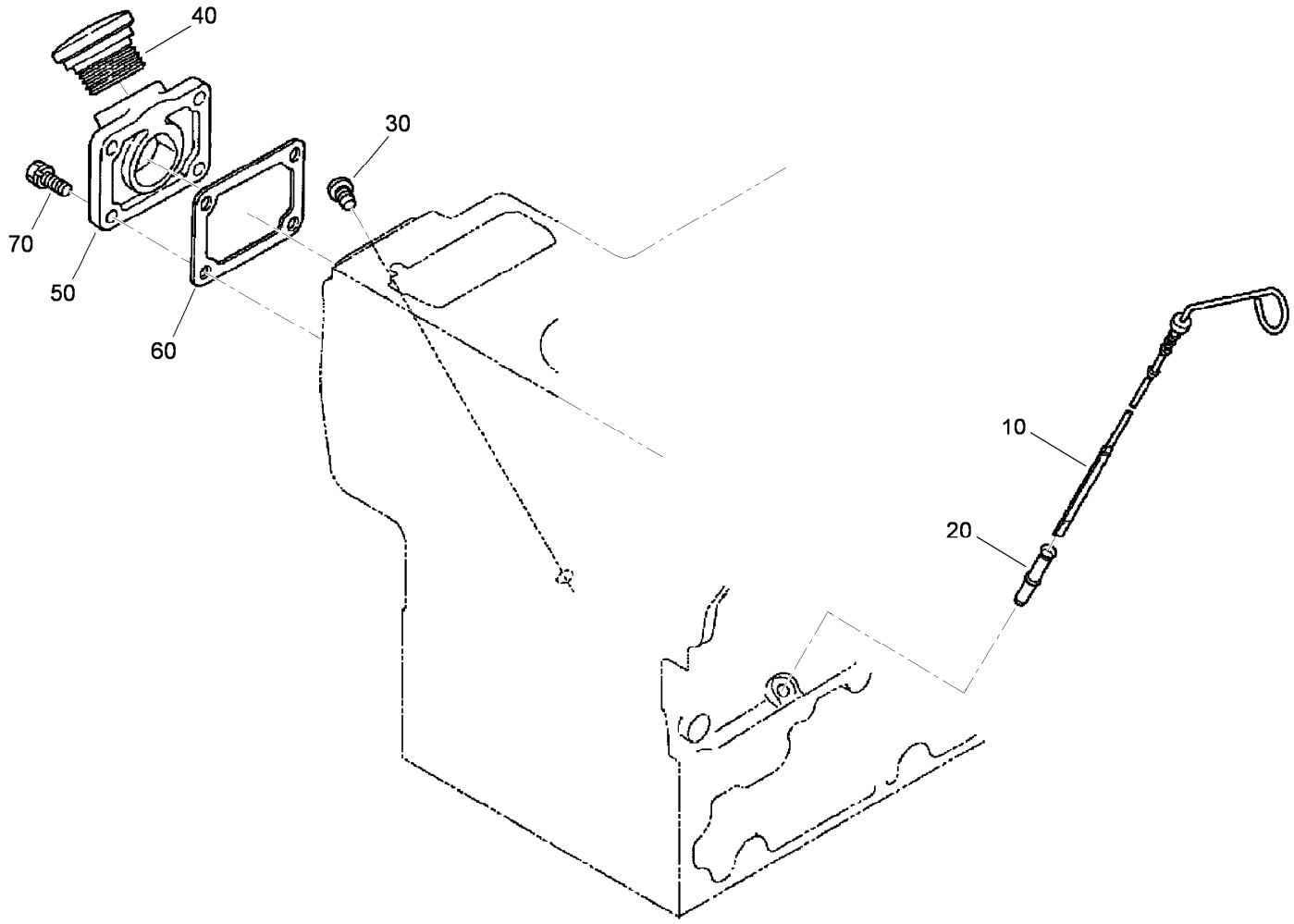
Cylinder Head Cover Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5168	1	Tube-Breather
20	115-8524	2	Clamp-Hose
40	115-8525	1	Cylinder Head Cover ASM
60	98-7766	1	Pipe-Return, Water
70	110-3714	1	Cover-Breather
80	110-3715	1	Valve-Breather
90	98-7421	4	Screw W/Washer
100	108-7062	1	Gasket-Cover, Head
110	108-7063	10	Bolt
120	107-9075	1	Plug-Filler, Oil



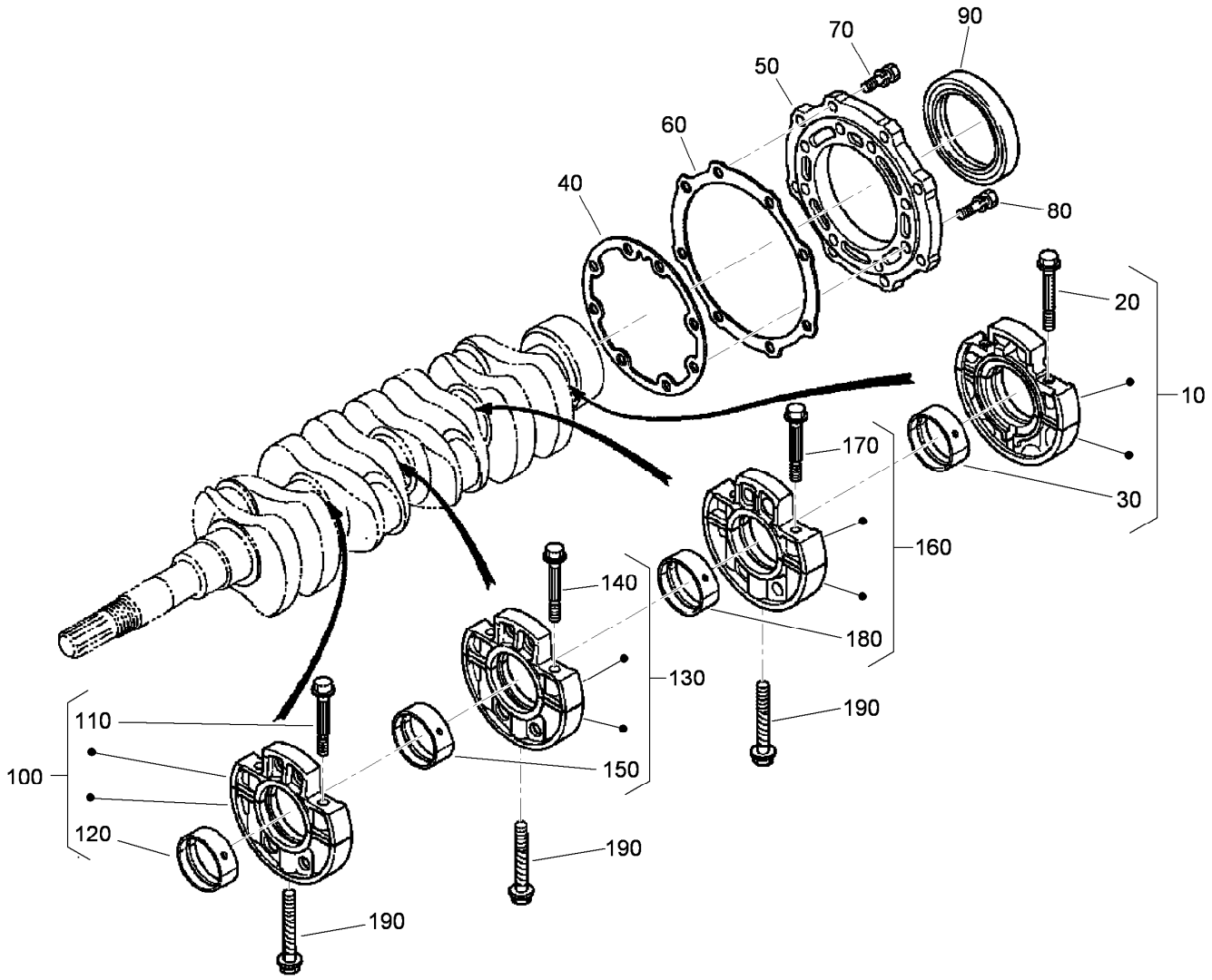
Oil Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7512	1	Oil Pump ASM
20	115-8648	1	Gasket-Pump, Oil
30	105-3797	4	Bolt
40	115-8533	1	Gear-Drive, Oil Pump
50	98-7517	1	Key-Feather
60	98-7518	1	Nut-Flange



Dipstick and Guide Assembly

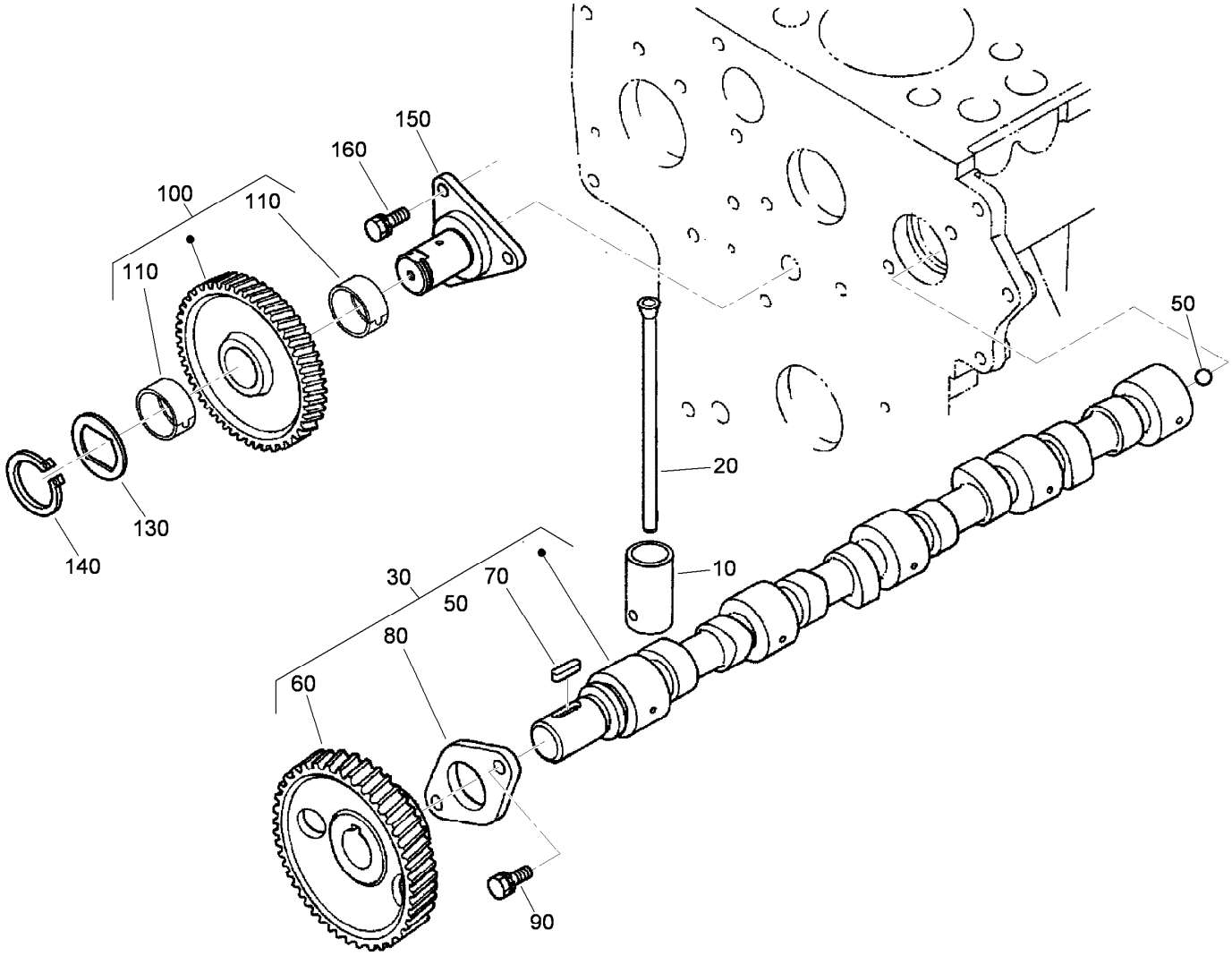
Ref.	*Part Number*	*Qty.*	*Description*
10	120-5169	1	Gauge-Oil
20	105-4580	1	Guide-Gauge, Oil
30	110-3720	1	Plug-Gauge, Oil
40	120-5170	1	Plug-Oil Filler
50	115-8532	1	Flange-Filler, Oil
60	98-7604	1	Gasket-Cover, Pump
70	98-7605	4	Bolt



Main Bearing Case Assembly

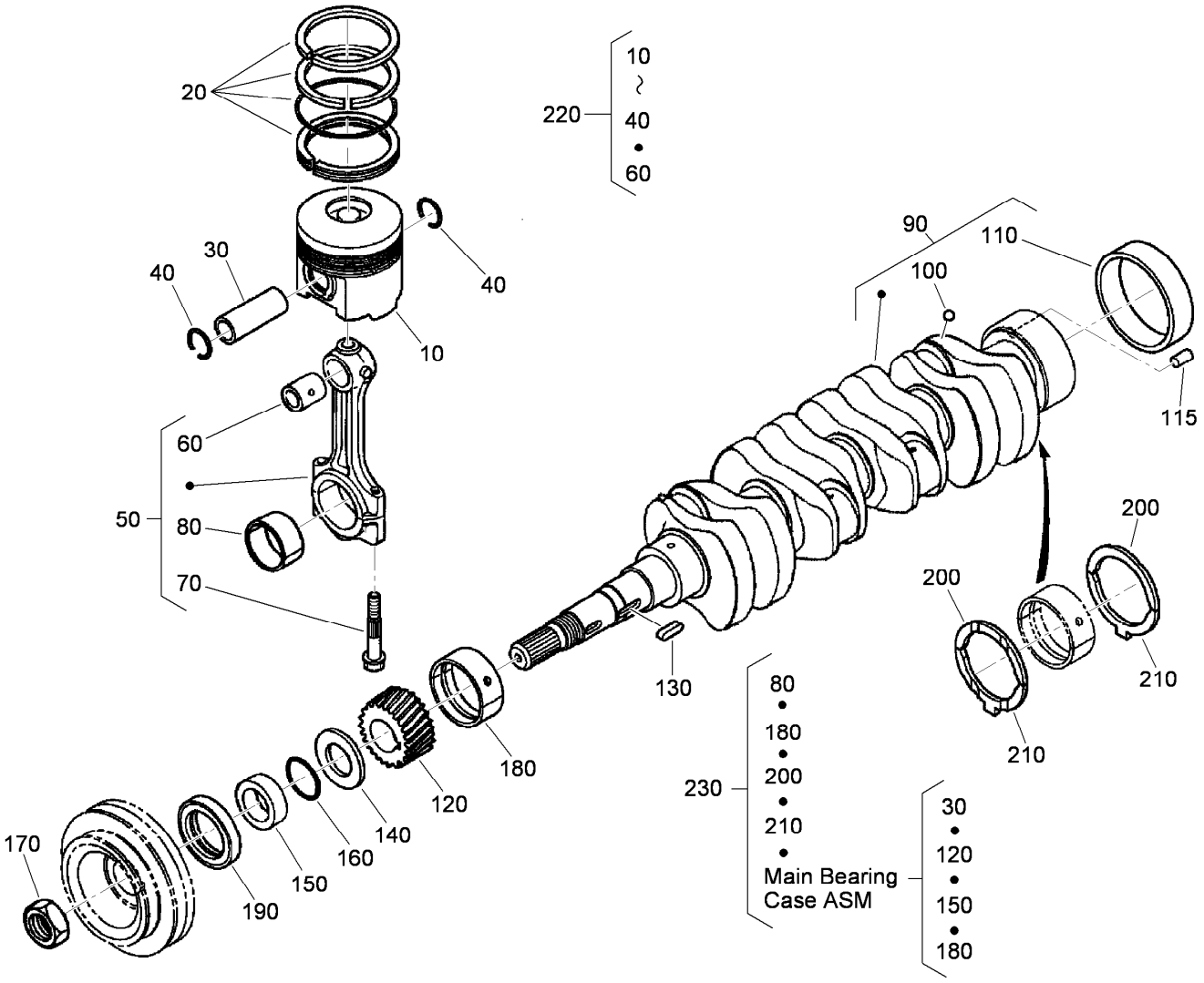
Ref.	Part Number	Qty.	Description
10	115-8534	1	Wheel Bearing Case ASM
20	108-7066	2	Bolt-Case, Bearing
30	108-7067	1	Metal-Crankshaft (STD)
30	108-7068	1	Metal-Crankshaft (-0.20Mm)
30	108-7069	1	Metal-Crankshaft (-0.40Mm)
40	108-7070	1	Gasket-Case, Bearing
50	117-8843	1	Cover-Case, Bearing
60	98-7437	1	Gasket-Case Cover, Bearing
70	98-7438	8	Bolt
80	98-7439	8	Bolt
90	108-7072	1	Seal-Oil
100	115-8535	1	Main Bearing Case ASM
110	108-7066	2	Bolt-Case, Bearing

Ref.	Part Number	Qty.	Description
120	108-7067	1	Metal-Crankshaft (STD)
120	108-7068	1	Metal-Crankshaft (-0.20Mm)
120	108-7069	1	Metal-Crankshaft (-0.40Mm)
130	108-7074	1	Main Bearing Case ASM
140	108-7066	2	Bolt-Case, Bearing
150	108-7069	1	Metal-Crankshaft (-0.40Mm)
150	108-7068	1	Metal-Crankshaft (-0.20Mm)
150	108-7067	1	Metal-Crankshaft (STD)
160	115-8536	1	Main Bearing Case ASM
170	108-7066	2	Bolt-Case, Bearing
180	108-7067	1	Metal-Crankshaft (STD)
180	108-7068	1	Metal-Crankshaft (-0.20Mm)
180	108-7069	1	Metal-Crankshaft (-0.40Mm)
190	98-7444	3	Bolt-Case, Bearing



Cam Shaft and Idle Gear Assembly

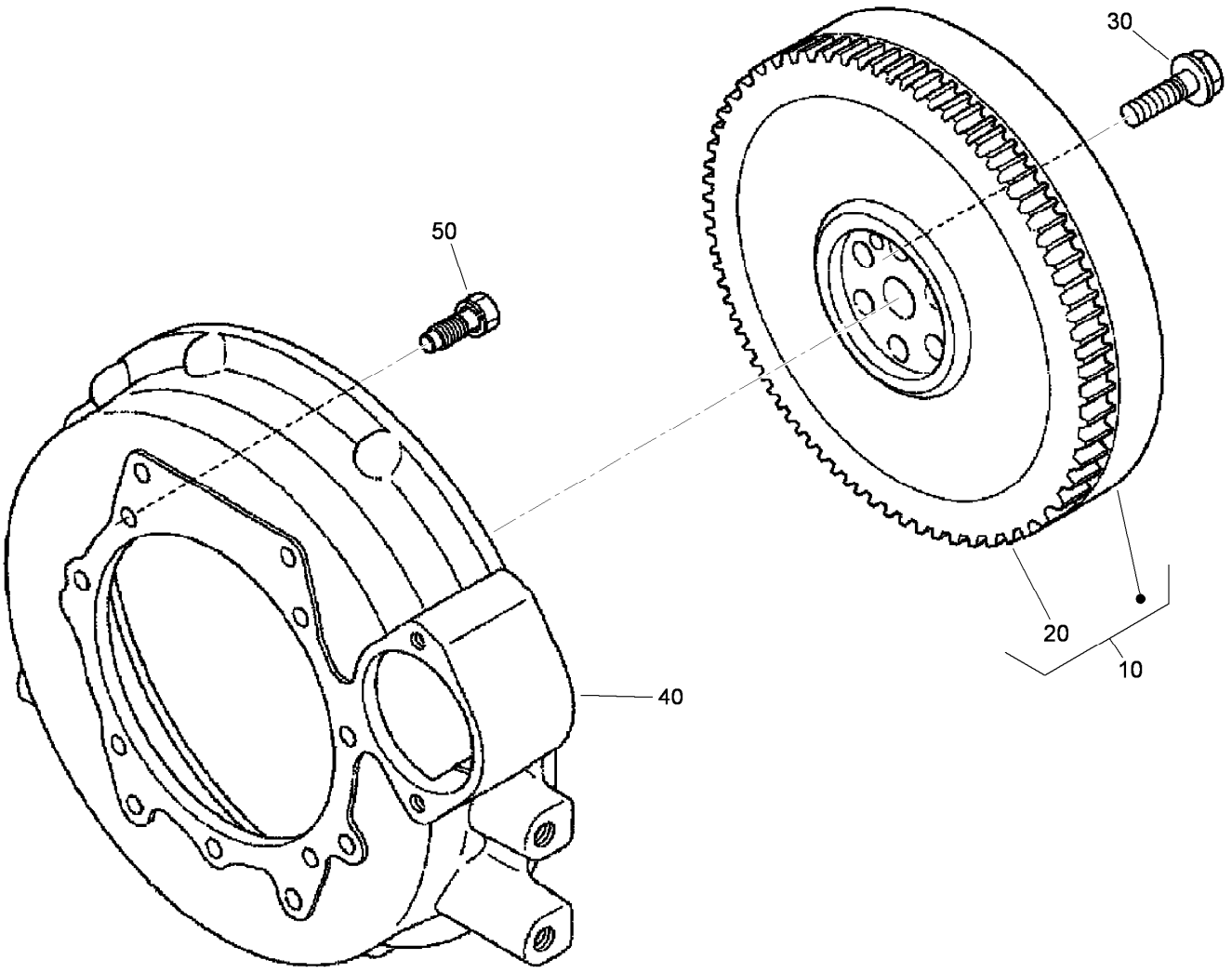
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7445	8	Tappet
20	115-8537	8	Rod-Push
30	120-5171	1	Camshaft ASM
50	110-3729	1	Ball
60	120-5172	1	Gear-Cam
70	98-7451	1	Key-Feather
80	120-5173	1	Stopper-Camshaft
90	98-7453	2	Bolt
100	120-5174	1	Idle Gear ASM
110	120-5175	1	Bushing-Gear, Idle
130	107-0111	1	Collar
140	120-5176	1	Circlip
150	120-5177	1	Shaft-Gear, Idle
160	98-7453	3	Bolt



Piston and Crankshaft Assembly

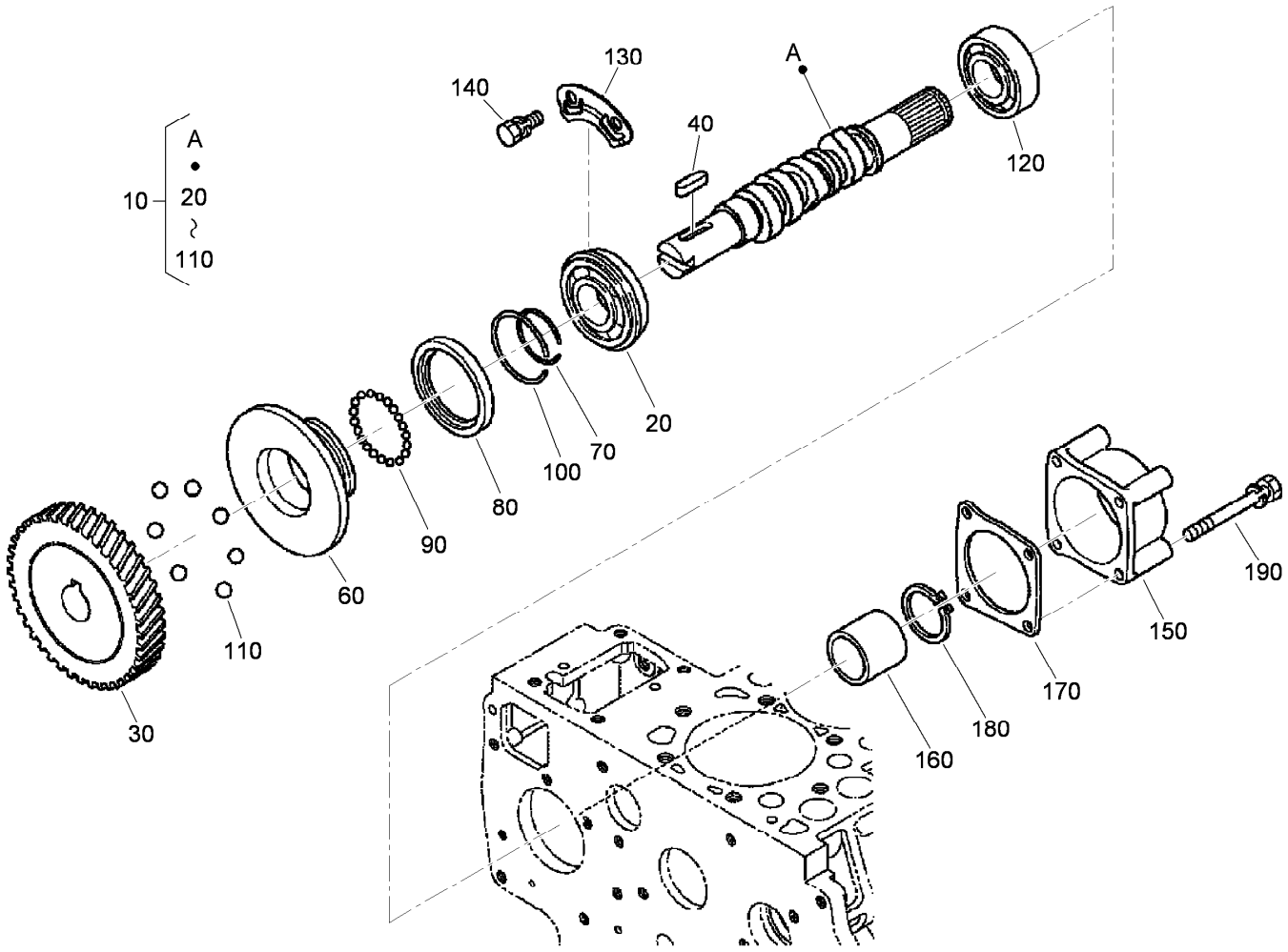
Ref.	Part Number	Qty.	Description
10	120-5180	4	Piston (STD)
10	120-5181	4	Piston (+0.25Mm)
20	120-5182	4	Piston Ring ASM (STD)
20	120-5183	4	Piston Ring ASM (+0.25Mm)
30	115-8544	4	Pin-Piston
40	112-7002	8	Circlip
50	120-5837	4	Connecting Rod ASM
60	120-5838	4	Bushing-Pin, Piston
70	98-7468	8	Bolt-Rod, Connecting
80	115-8547	4	Metal-Crankpin (-0.20Mm)
80	115-8548	4	Metal-Crankpin (-0.40Mm)
80	98-7469	4	Metal-Crankpin (STD)
90	120-5839	1	Crankshaft ASM
100	110-3729	4	Ball
110	98-7474	1	Sleeve-Crankshaft
115	120-5840	1	Pin-Straight
120	120-5185	1	Gear-Crankshaft
130	115-8552	1	Key-Feather
140	98-7476	1	Slinger-Oil
150	98-7477	1	Collar-Crankshaft

Ref.	Part Number	Qty.	Description
160	98-7478	1	O-Ring
170	98-7479	1	Nut-Crankshaft
180	108-7075	1	Metal-Crankshaft (STD)
180	108-7076	1	Metal-Crankshaft (-0.20Mm)
180	108-7077	1	Metal-Crankshaft (-0.40Mm)
190	98-7480	1	Seal-Oil
200	108-7078	2	Metal-Side (STD)
200	108-7079	2	Metal-Side (+0.20Mm)
200	108-7080	2	Metal-Side (+0.40Mm)
210	108-7081	2	Metal-Side (STD)
210	108-7082	2	Metal-Side (+0.20Mm)
210	108-7083	2	Metal-Side (+0.40Mm)
220	120-5186	1	Piston Kit (STD)
220	120-5187	1	Piston Kit (+0.25Mm)
230	120-5188	1	Engine Metal Kit (STD)
230	115-8555	1	Engine Metal Kit (-0.20Mm/+0.20Mm)
230	115-8556	1	Engine Metal Kit (-0.40Mm/+0.40Mm)



Flywheel Assembly

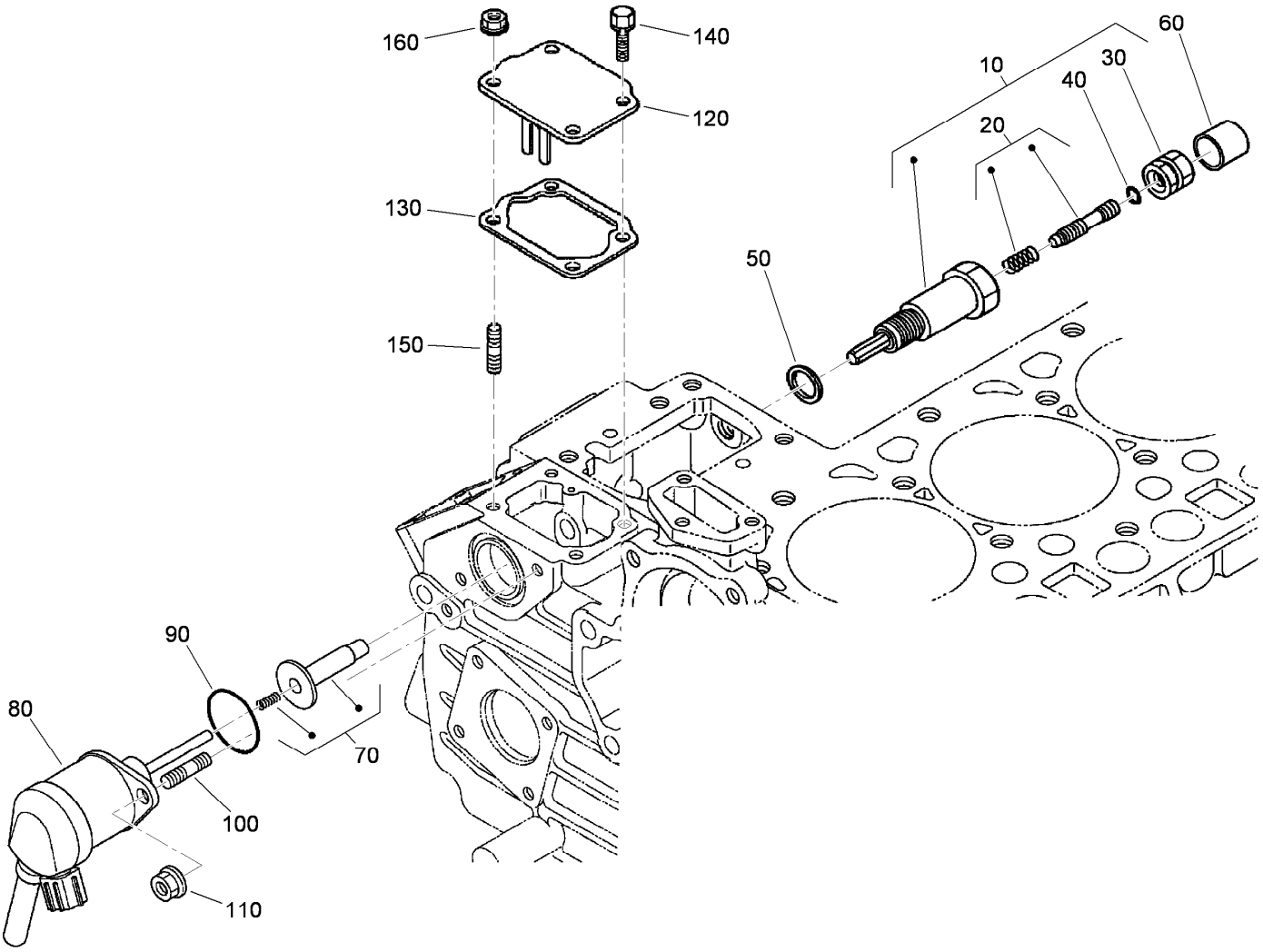
Ref.	*Part Number*	*Qty.*	*Description*
10	115-8557	1	Flywheel ASM
20	115-8558	1	Gear-Ring
30	120-5189	6	Bolt-Flywheel
40	115-8559	1	Housing-Flywheel
50	98-7885	11	Bolt



Fuel Camshaft and Governor Shaft Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5190	1	Fuel Camshaft ASM
20	120-5191	1	Bearing-Ball
30	98-7574	1	Gear-Pump, Injection
40	98-7575	1	Key-Feather
60	98-7577	1	Sleeve-Governor
70	98-7578	1	Circlip-Sleeve, Governor
80	120-5192	1	Case-Ball, Governor
90	98-7580	39	Ball
100	98-7581	1	Circlip

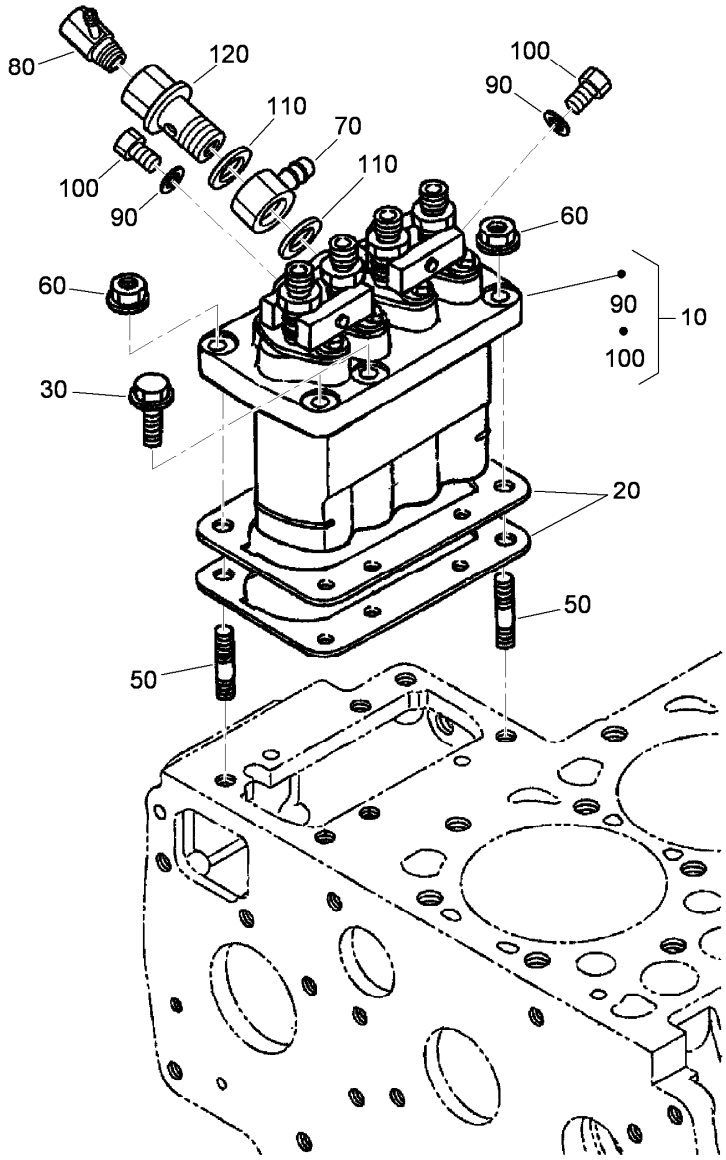
Ref.	*Part Number*	*Qty.*	*Description*
110	98-7582	7	Ball
120	115-8562	1	Bearing-Ball
130	120-5193	1	Stopper-Camshaft, Fuel
140	100-9195	2	Bolt
150	115-8564	1	Cover-Camshaft, Fuel
160	115-8565	1	Collar
170	115-8566	1	Gasket
180	120-5194	1	Circlip-External
190	98-7590	4	Bolt



Idle Apparatus and Stop Solenoid Assembly

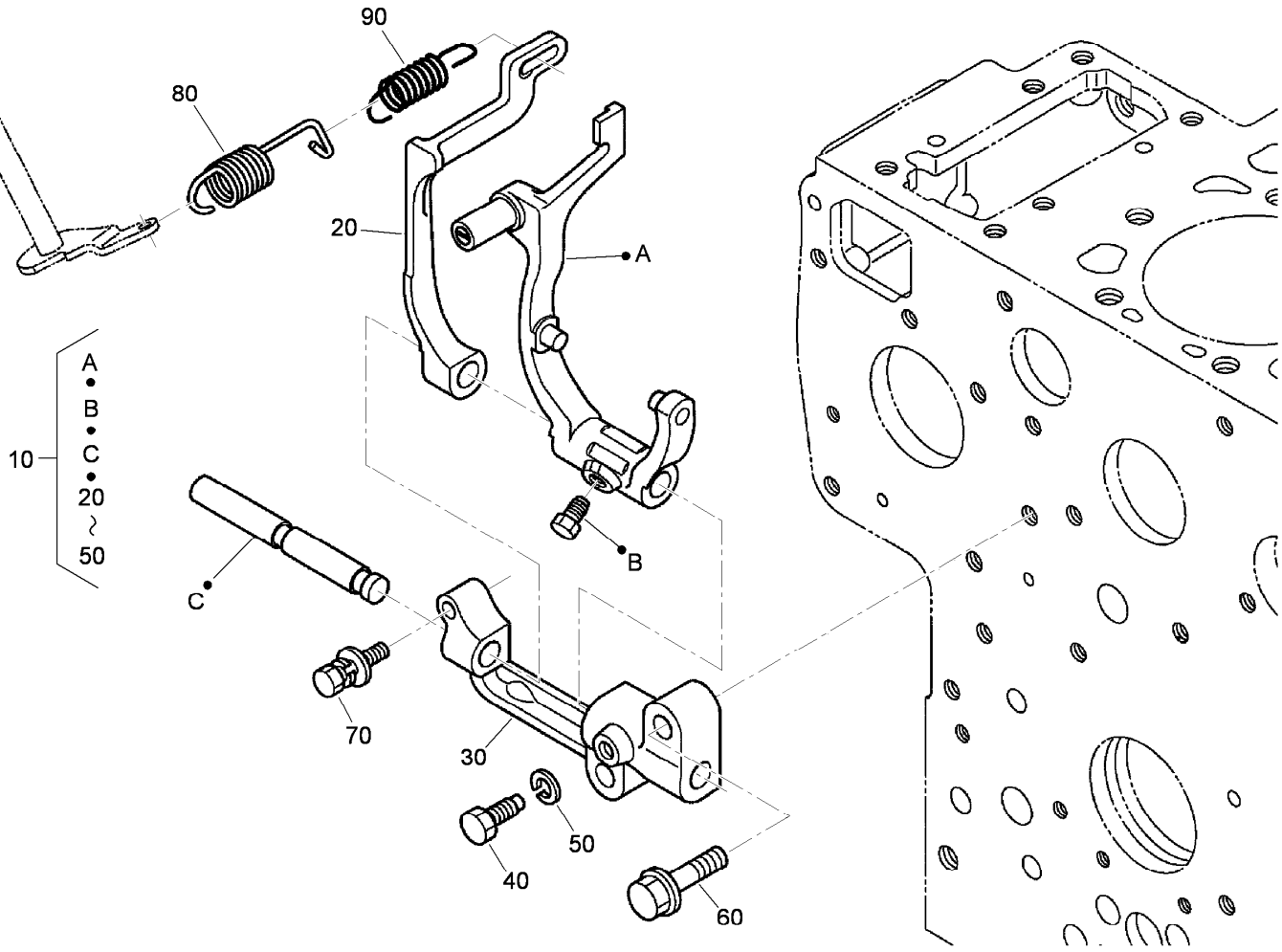
Ref.	*Part Number*	*Qty.*	*Description*
10	120-5195	1	Apparatus-Idling
20	120-5196	1	Adjustment Bolt ASM
30	115-8569	1	Nut-Spring
40	115-8570	1	O-Ring
50	115-8571	1	Gasket
60	115-8572	1	Cap
70	115-8579	1	Guide-Solenoid
80	115-8580	1	Solenoid ASM

Ref.	*Part Number*	*Qty.*	*Description*
90	110-3762	1	O-Ring
100	98-7571	2	Stud
110	100-2203	2	Nut-Flange
120	120-5818	1	Cover
130	115-8578	1	Gasket-Plate
140	98-7692	2	Bolt
150	100-1924	2	Stud
160	100-2203	2	Nut-Flange



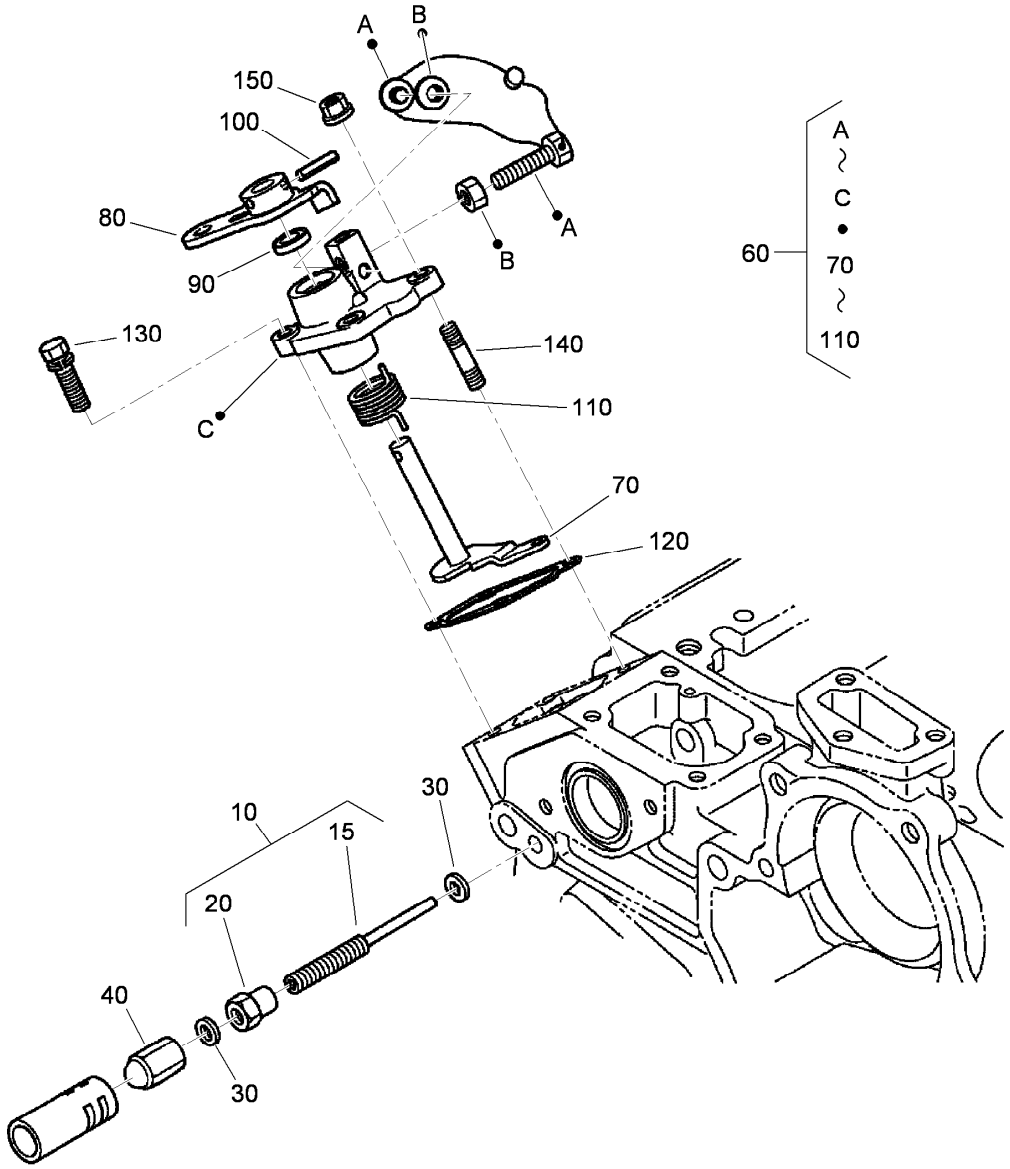
Injection Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5197	1	Injection Pump ASM
20	115-8582	1	Shim-Pump, Injection (0.175Mm)
20	98-7607	1	Shim-Pump, Injection (0.200Mm)
20	107-0147	1	Shim-Pump, Injection (0.250Mm)
20	107-0148	1	Shim-Pump, Injection (0.300Mm)
20	120-5198	1	Shim-Pump, Injection (0.350Mm)
30	115-8583	4	Bolt-Flange
50	100-1558	2	Stud
60	112-2492	2	Nut-Flange
70	119-8045	1	Joint-Eye
80	107-4300	1	Orifice ASM
90	120-5199	2	Gasket
100	120-5800	2	Screw-Bleeder, Air
110	119-8047	2	Gasket
120	119-8046	1	Bolt-Joint, Eye



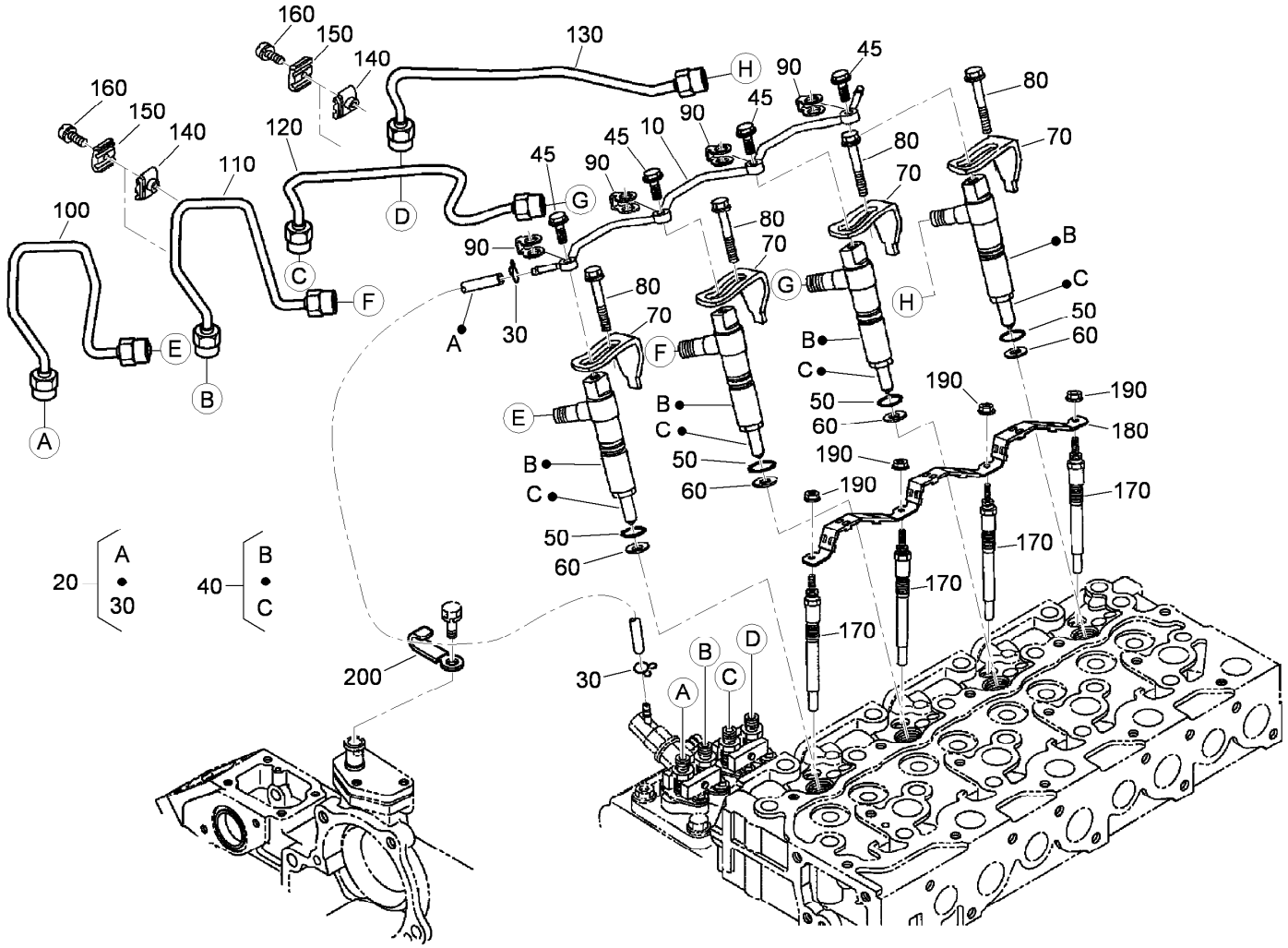
Governor Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5801	1	Fork Lever ASM
20	115-8585	1	Lever-Fork
30	98-7643	1	Holder-Lever, Fork
40	98-7644	1	Bolt
50	98-7699	1	Washer-Spring
60	108-7085	2	Bolt-Flange
70	108-7086	1	Bolt
80	120-5802	1	Spring-Governor
90	120-5803	1	Spring-Governor



Speed Control Plate Assembly

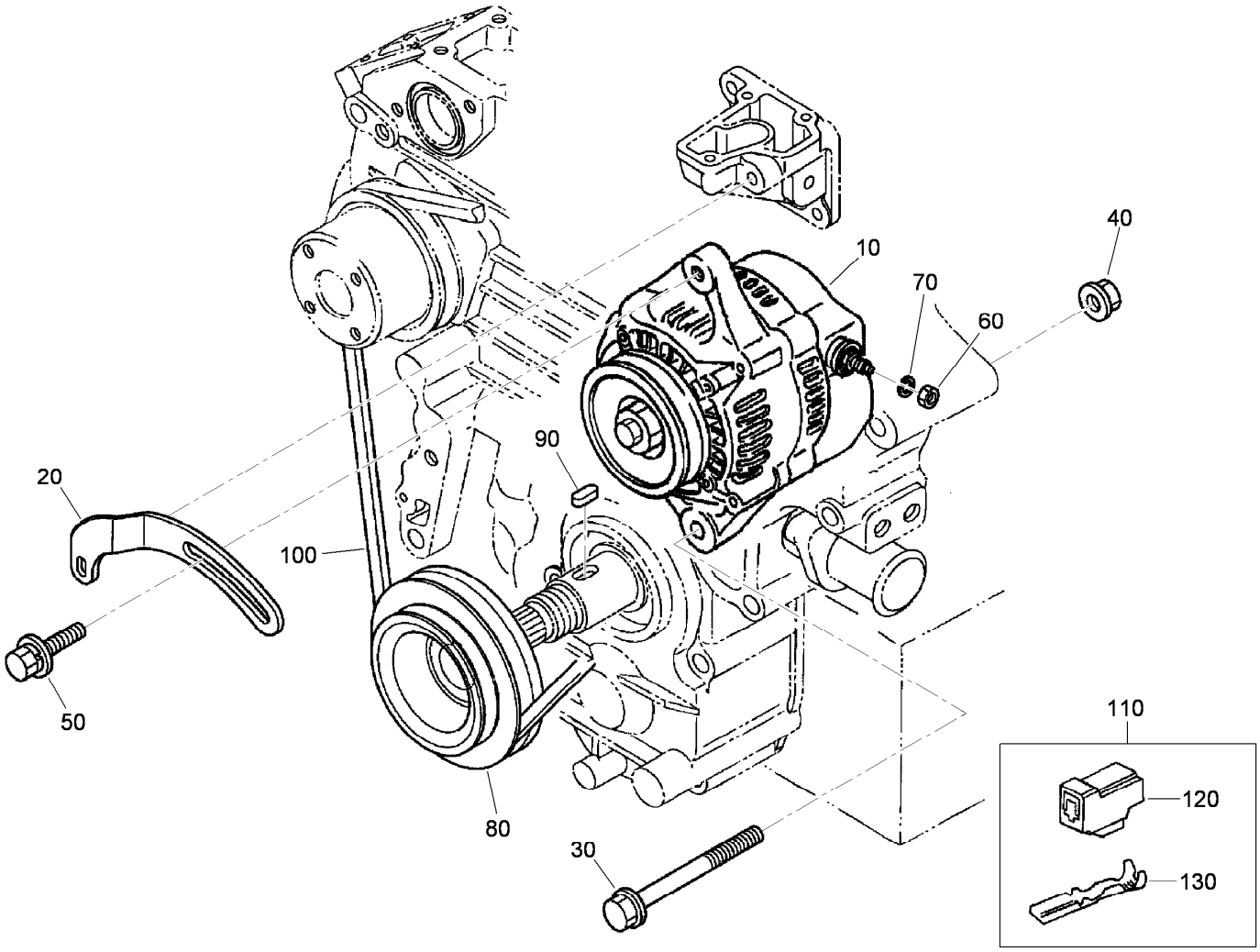
Ref.	*Part Number*	*Qty.*	*Description*
10	107-0132	1	Adjustable Bolt ASM
15	115-8588	1	Bolt-Adjusting
20	98-7653	1	Nut
30	98-7654	2	Gasket
40	98-7655	1	Nut-Cap
60	115-8589	1	Control Plate ASM
70	115-8590	1	Lever-Governor
80	115-8591	1	Lever-Control, Speed
90	115-8576	1	Seal-Oil
100	98-7602	1	Pin-Spring
110	115-8593	1	Spring-Return
120	115-8578	1	Gasket-Plate
130	98-7568	2	Bolt
140	98-7571	2	Stud
150	100-2203	2	Nut-Flange



Nozzle Holder and Glow Plug Assembly

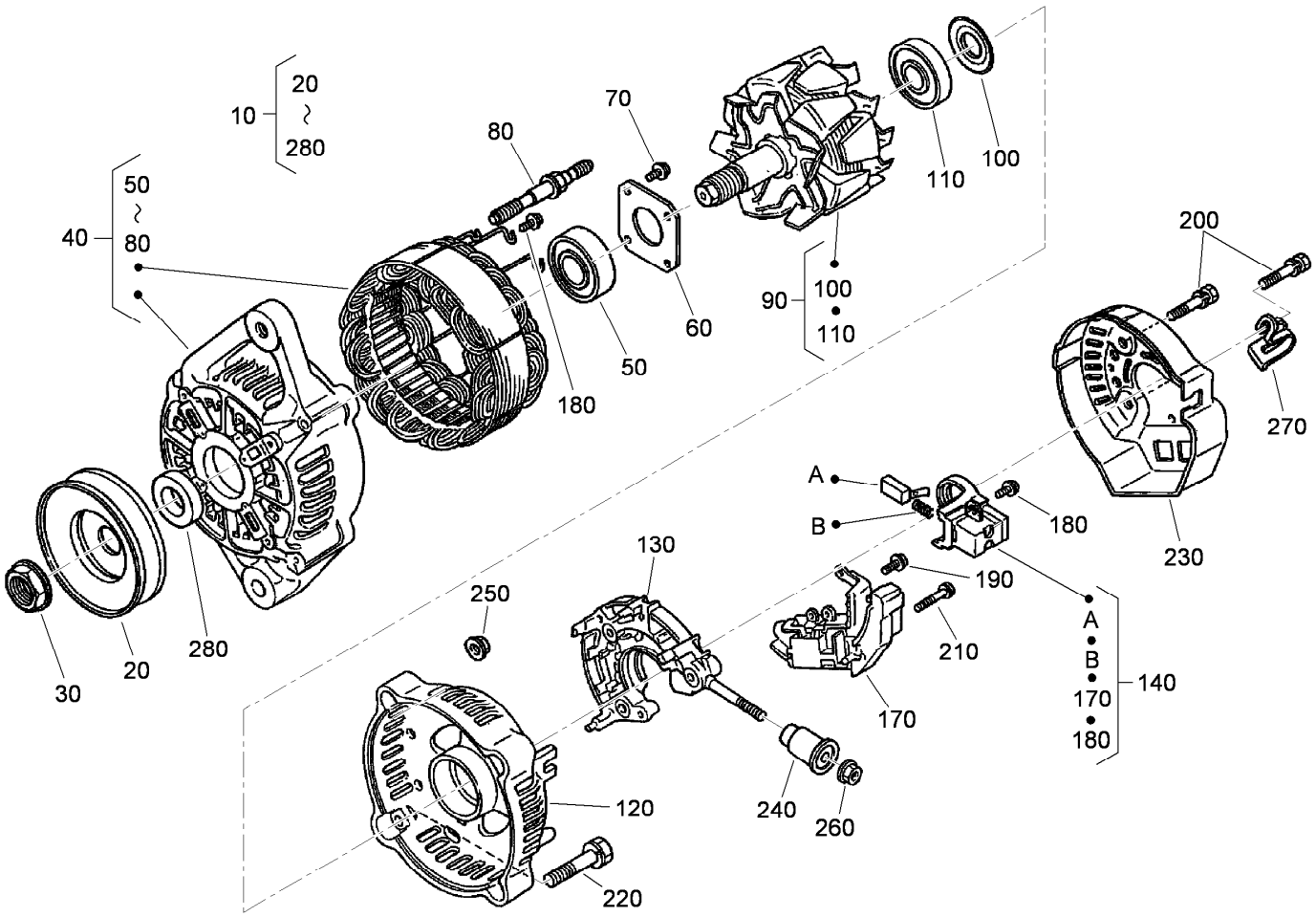
Ref.	Part Number	Qty.	Description
10	120-5804	1	Overflow Pipe ASM
20	120-5805	1	Fuel Tube ASM
30	115-8595	2	Clip-Pipe
40	120-5806	4	Nozzle Holder ASM
45	120-5807	4	Bolt-Joint, Eye
50	98-7547	4	O-Ring
60	120-5808	4	Gasket
70	120-5809	4	Clamp-Nozzle
80	120-5810	4	Bolt-Clamp
90	120-5811	4	Gasket
100	120-5812	1	Pipe-Injection

Ref.	Part Number	Qty.	Description
110	120-5813	1	Pipe-Injection
120	120-5814	1	Pipe-Injection
130	120-5815	1	Pipe-Injection
140	98-7682	2	Clamp-Pipe
150	98-7683	2	Clamp-Pipe
160	98-7684	2	Screw (W/Washer)
170	120-5816	4	Plug-Glow
180	120-5817	1	Cord-Plug, Glow
190	99-8377	4	Nut-Flange
200	98-7673	1	Clamp-Cord



Alternator and Pulley Assembly

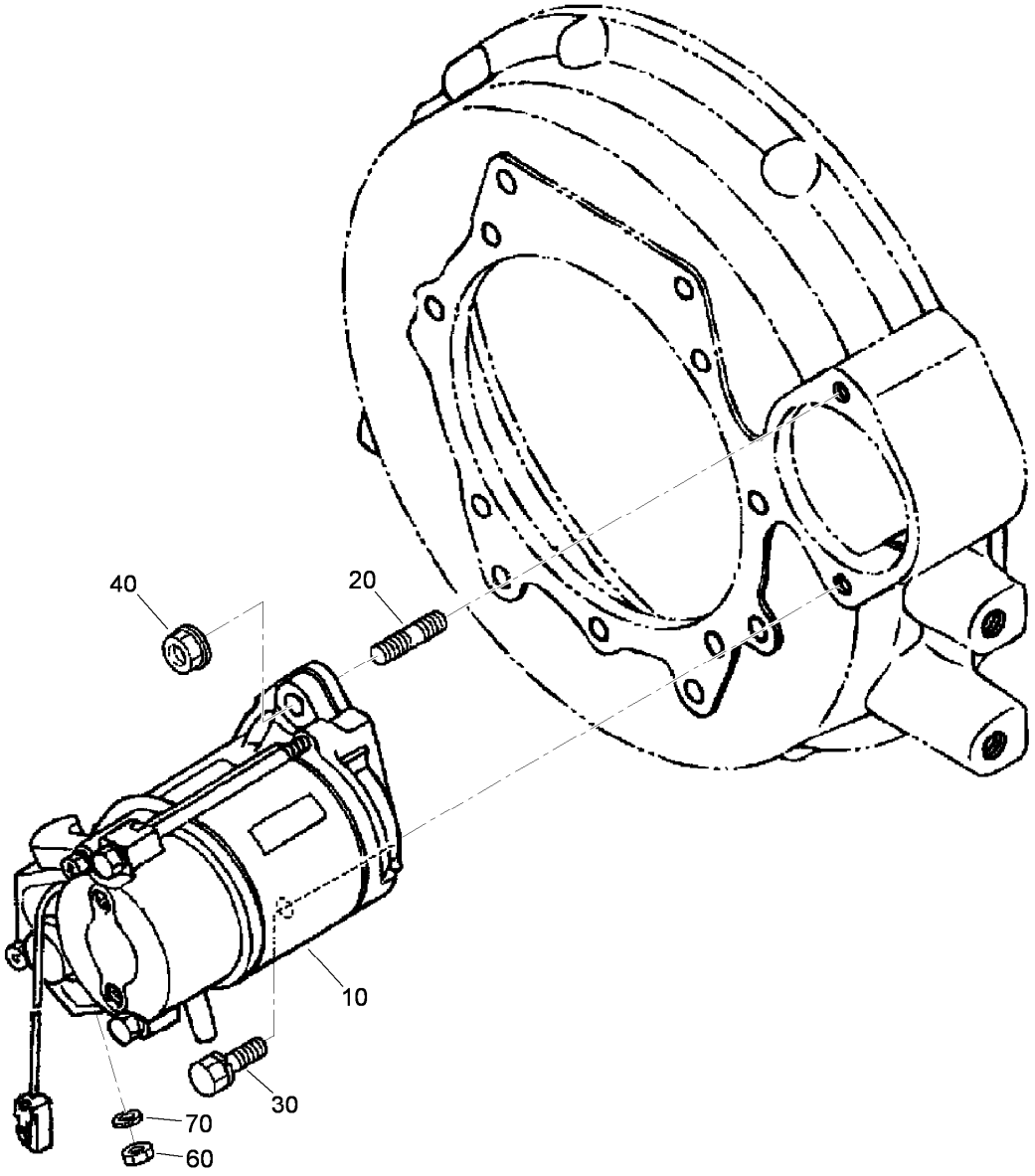
Ref.	*Part Number*	*Qty.*	*Description*
10	120-5819	1	Alternator
20	120-5820	1	Stay-Dynamo
30	120-5821	1	Bolt-Flange
40	120-5822	1	Nut-Flange
50	108-7088	1	Bolt
60	98-7572	1	Nut
70	98-7699	1	Washer-Spring
80	120-5823	1	Pulley-Drive, Fan
90	98-7451	1	Key-Feather
100	120-5824	1	Belt-Fan
110	115-8600	1	Coupler ASM
120	115-8601	1	Connector
130	115-8602	2	Terminal



Alternator Component Part Assembly

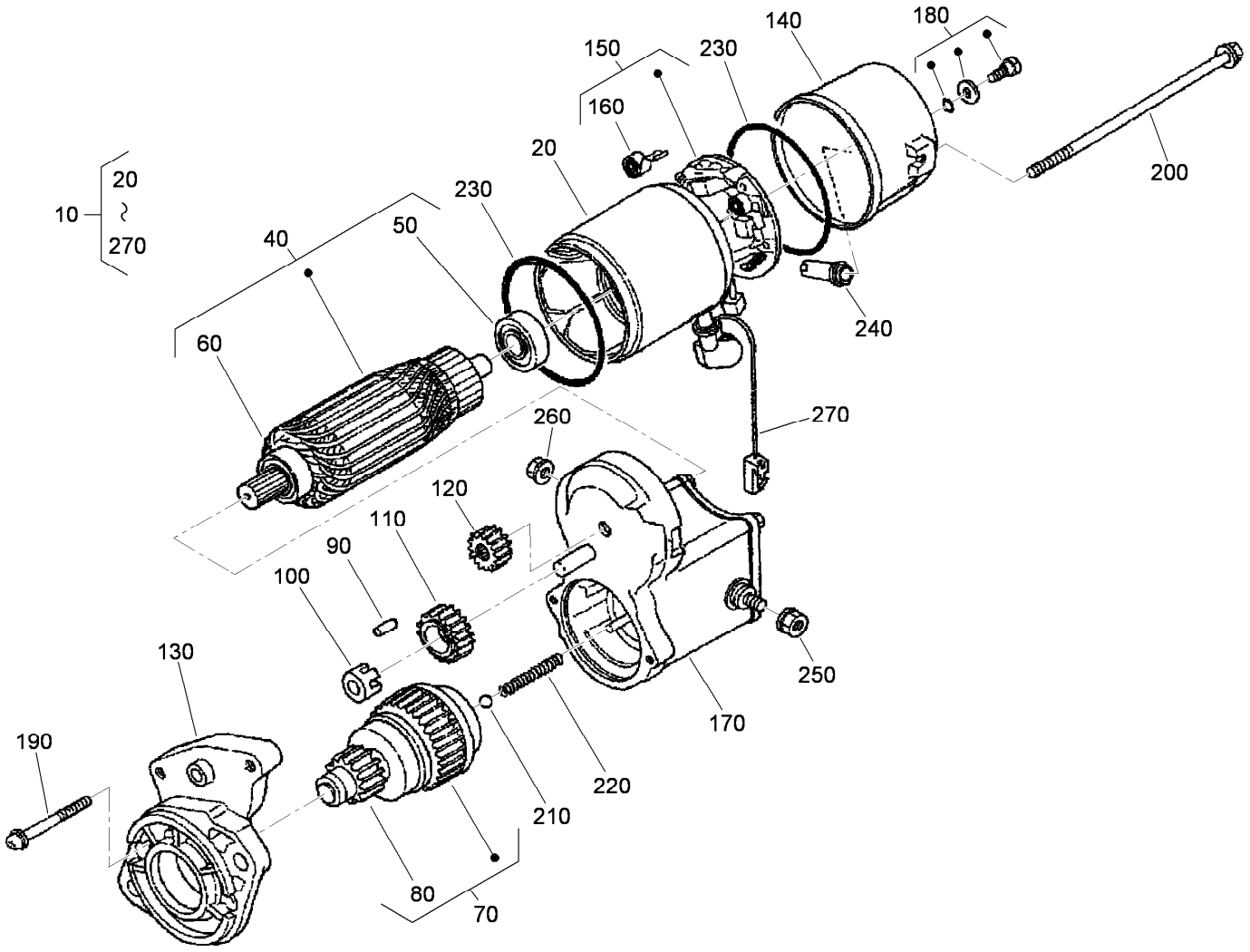
Ref.	Part Number	Qty.	Description
10	120-5819	1	Alternator
20	98-7707	1	Pulley-Alternator
30	98-7708	1	Nut
40	117-0316	1	Drive End Frame ASM
50	107-0137	1	Bearing-Ball
60	98-7715	1	Plate-Retainer
70	98-7716	4	Screw-Head, Round
80	98-7717	2	Bolt-Through
90	117-0317	1	Rotor ASM
100	98-7711	1	Cover-Bearing
110	107-0138	1	Bearing-Ball
120	117-0318	1	Frame-End
130	117-0322	1	Holder

Ref.	Part Number	Qty.	Description
140	107-0141	1	Brush Holder ASM
170	110-3799	1	Regulator ASM
180	98-7727	6	Screw-Head, Round
190	98-7728	1	Screw-Head, Round
200	98-7729	3	Bolt
210	98-7726	2	Screw-Head, Round
220	98-7731	2	Bolt
230	117-0320	1	Cover-End
240	98-7722	1	Bushing-Insulation
250	98-7730	2	Nut
260	98-7732	1	Nut
270	120-5841	1	Clamp-Cord
280	98-7709	1	Collar



Starter Assembly

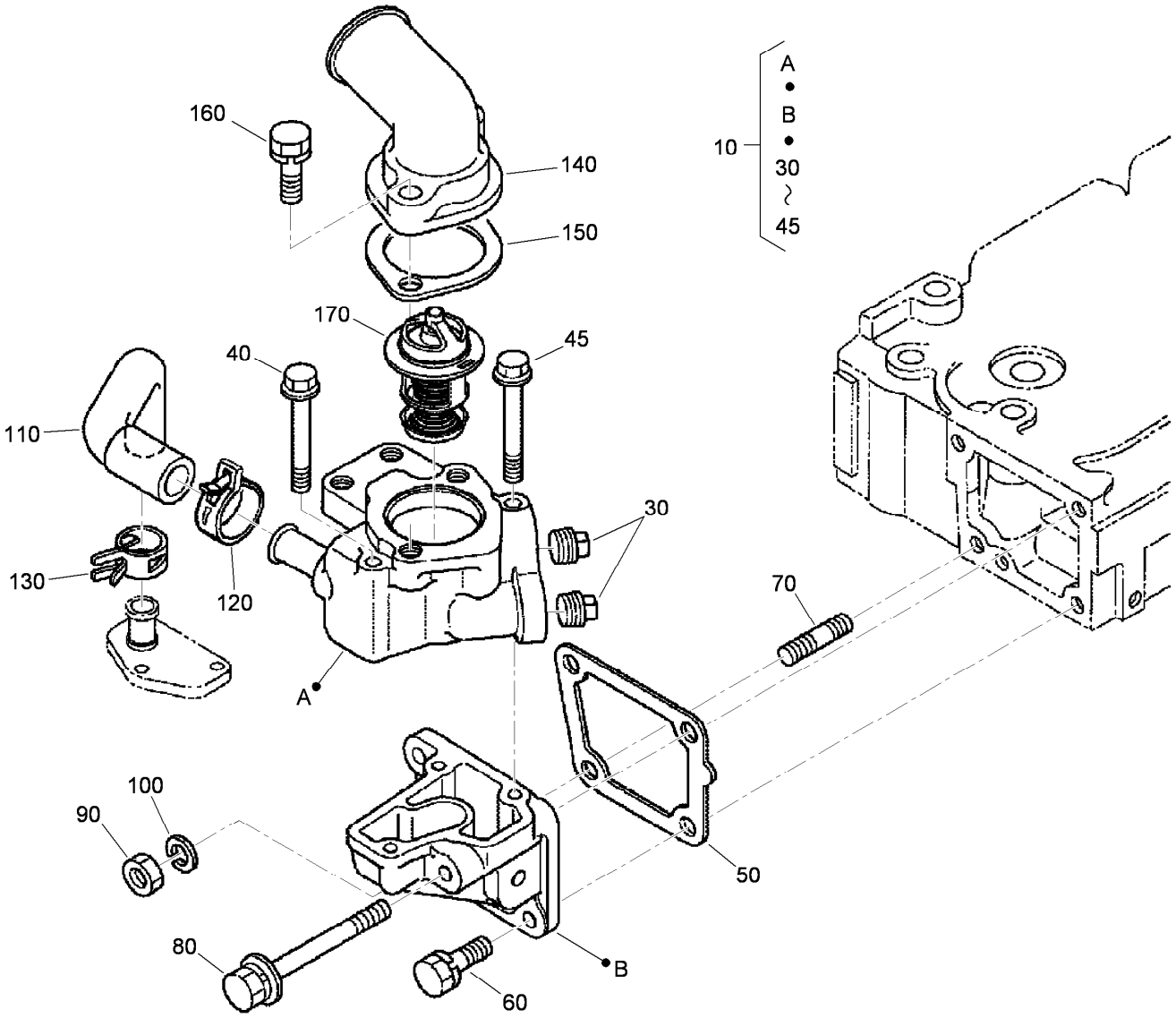
Ref.	*Part Number*	*Qty.*	*Description*
10	115-8603	1	Starter ASM
20	98-7735	1	Stud
30	98-7736	1	Bolt
40	115-8597	1	Nut-Flange
60	98-7739	1	Nut
70	105-2893	1	Washer-Spring



Starter Components Assembly

Ref.	Part Number	Qty.	Description
10	115-8603	1	Starter ASM
20	115-8604	1	Yoke
40	115-8606	1	Armature
50	115-8607	1	Bearing
60	98-7744	1	Bearing
70	115-8608	1	Clutch-Running, Over
80	112-2833	1	Gear-Pinion
90	98-9707	5	Roller
100	98-7752	1	Retainer
110	98-7751	1	Gear
120	115-8609	1	Gear
130	115-8610	1	Frame-End, Drive
140	115-8611	1	Frame-End

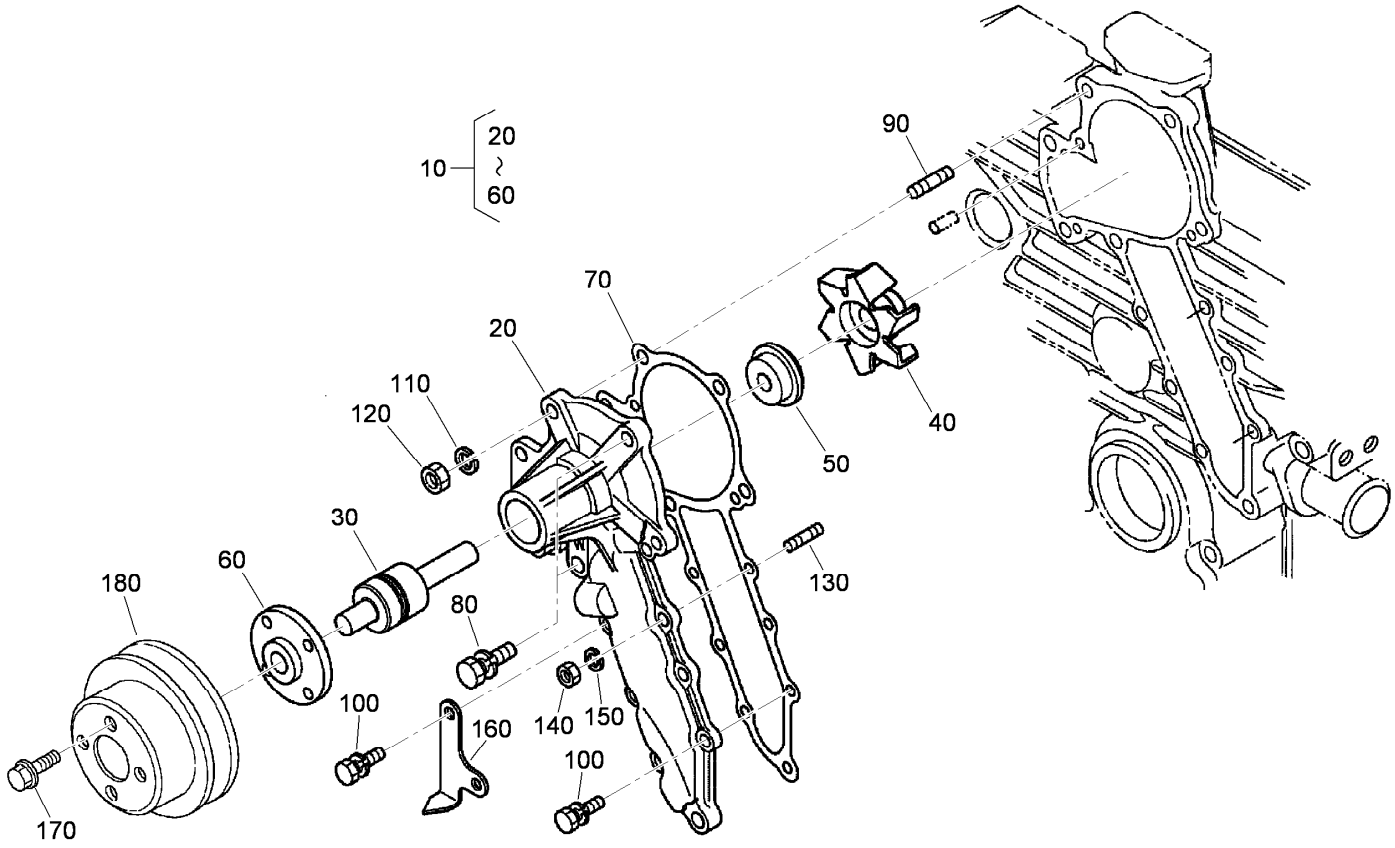
Ref.	Part Number	Qty.	Description
150	115-8612	1	Holder-Brush
160	115-8613	4	Spring
170	115-8615	1	Magnetic Switch ASM
180	115-8616	2	Screw
190	115-8617	2	Screw
200	115-8618	2	Bolt-Thru
210	98-7755	1	Ball
220	98-7754	1	Spring
230	98-7757	2	O-Ring
240	115-8619	1	Pipe-Drain
250	98-7760	1	Nut-Hex
260	99-8376	1	Nut-Hex
270	98-9711	1	Cord-Solenoid, Stop



Water Flange and Thermostat Assembly

Ref.	Part Number	Qty.	Description
10	105-4578	1	Water Flange ASM
30	110-3821	2	Plug
40	105-2875	2	Bolt-Flange
45	107-0117	1	Bolt-Flange
50	98-7767	1	Gasket-Flange, Water
60	98-9359	2	Bolt
70	100-1558	1	Stud
80	107-0115	1	Bolt
90	98-7534	1	Nut

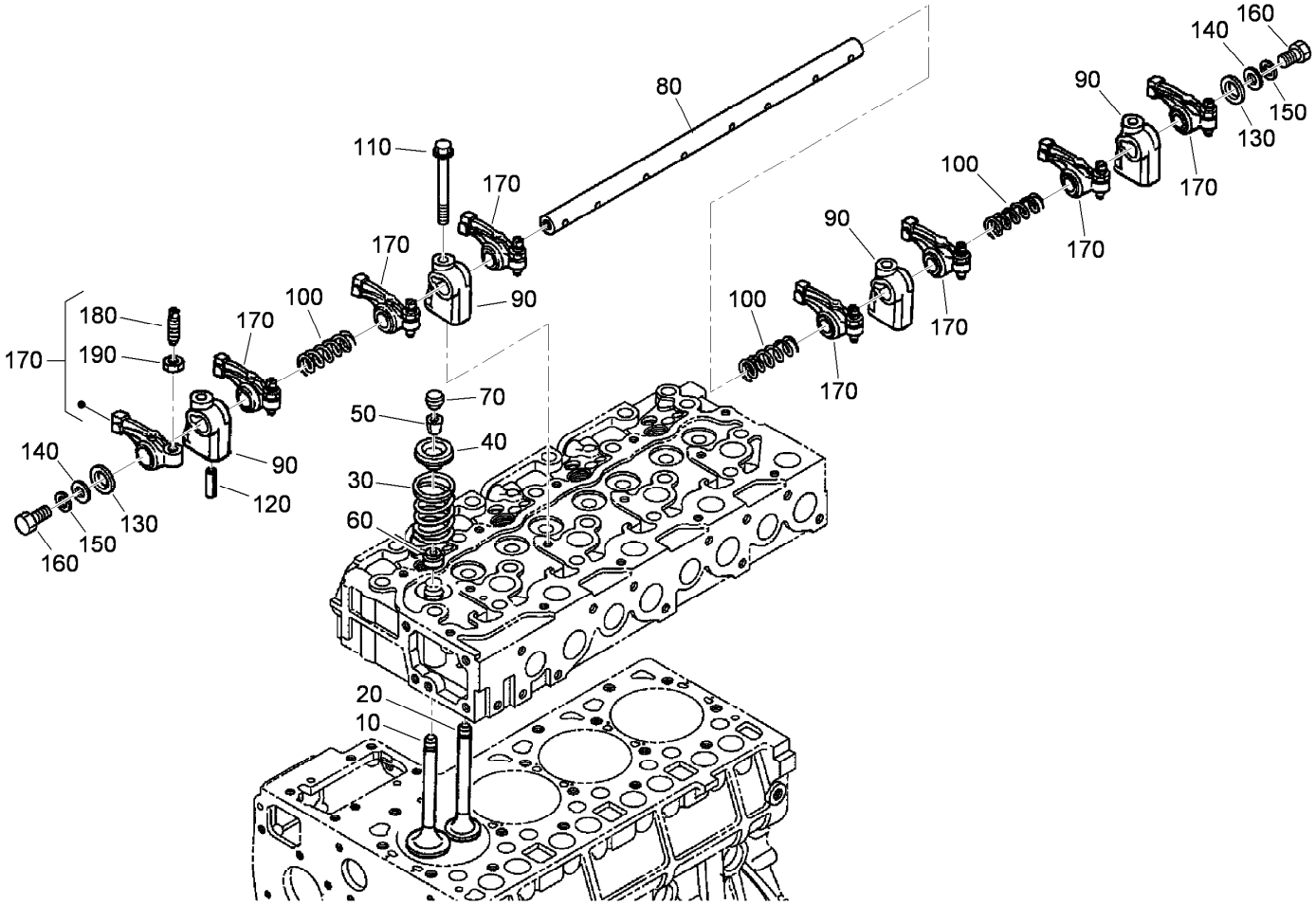
Ref.	Part Number	Qty.	Description
100	105-2893	1	Washer-Spring
110	115-8620	1	Pipe-Return, Water
120	115-8621	1	Clamp-Hose
130	105-2879	1	Clamp-Hose
140	100-9244	1	Cover-Thermostat
150	105-3748	1	Gasket-Thermostat
160	98-7777	2	Bolt
170	120-5825	1	Thermostat ASM



Water Pump Assembly

Ref.	Part Number	Qty.	Description
10	120-5826	1	Water Pump ASM
20	120-5827	1	Body-Pump, Water
30	120-5828	1	Bearing
40	107-0130	1	Impeller-Pump, Water
50	120-5829	1	Mechanical Seal ASM
60	108-7089	1	Flange-Shaft, Water Pump
70	115-8624	1	Gasket-Pump, Water
80	98-7439	2	Bolt
90	108-7090	1	Stud

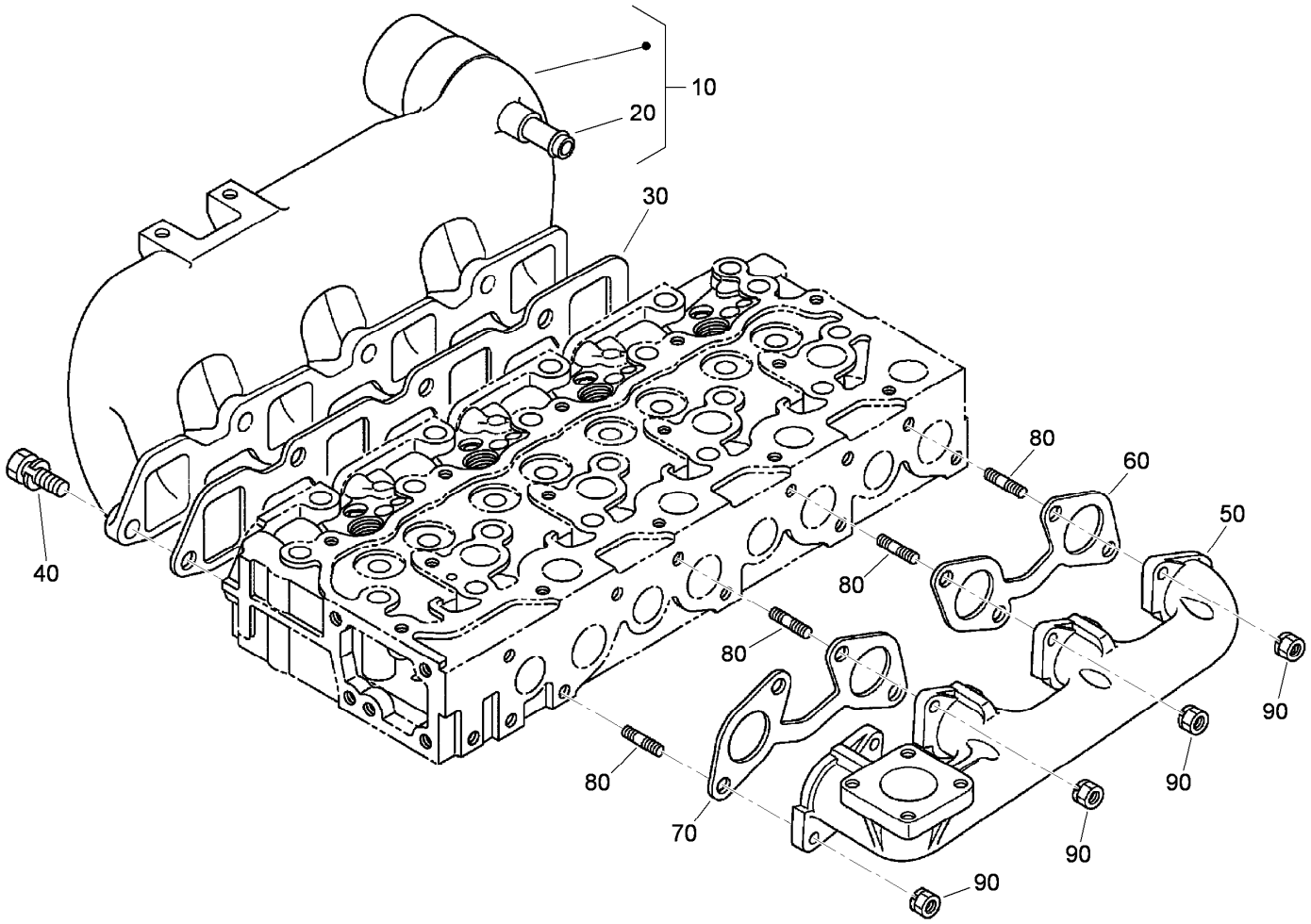
Ref.	Part Number	Qty.	Description
100	98-7605	5	Bolt
110	105-2893	1	Washer-Spring
120	98-7534	1	Nut
130	98-7571	1	Stud
140	98-7572	1	Nut
150	98-7699	1	Washer-Spring
160	100-9246	1	Indicator-Timing
170	107-4317	4	Bolt-Flange
180	98-7702	1	Pulley-Fan



Valve and Rocker Arm Assembly

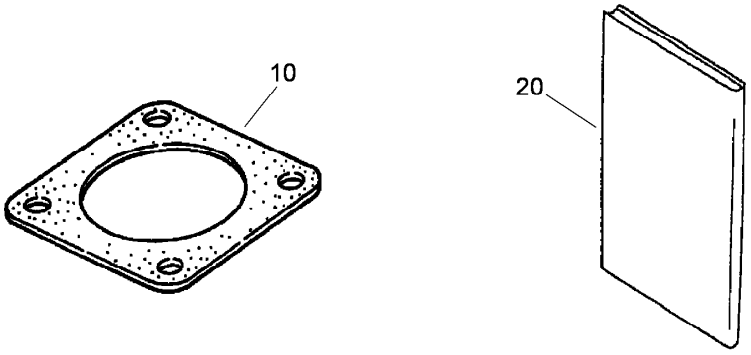
Ref.	Part Number	Qty.	Description
10	120-5830	4	Valve-Inlet
20	120-5831	4	Valve-Exhaust
30	98-7793	8	Spring-Valve
40	98-7794	8	Retainer-Spring, Valve
50	98-7795	8	Collet-Spring, Valve
60	98-7796	8	Seal-Stem, Valve
70	98-7797	8	Cap-Valve
80	107-0134	1	Shaft-Arm, Rocker
90	98-7800	4	Bracket-Arm, Rocker
100	98-7807	3	Spring-Arm, Rocker

Ref.	Part Number	Qty.	Description
110	108-7091	4	Bolt-Flange
120	98-7805	1	Pin-Spring
130	98-7806	2	Washer
140	98-7660	2	Washer-Plain
150	105-2893	2	Washer-Spring
160	98-7884	2	Bolt
170	98-7809	8	Rocker Arm ASM
180	98-7810	8	Screw-Adjusting
190	98-7811	8	Nut



Inlet and Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	120-5833	1	Intake Manifold ASM
20	98-7766	1	Pipe-Return, Water
30	120-5834	1	Gasket-Intake Manifold
40	98-7610	7	Bolt
50	120-5835	1	Manifold-Exhaust
60	98-7802	1	Gasket
70	98-7803	1	Gasket
80	100-1558	8	Stud
90	100-9288	8	Nut



Muffler Gasket and Operator Manual

Ref.	*Part Number*	*Qty.*	*Description*
10	100-9333	1	Gasket-Muffler
20	115-8642	1	Manual-Operator

Attachments and Accessories

For 03708N Reelmaster 7000-D 4-Wheel Drive Traction Unit

Product Name	Model/Part
27in Verticutter	03184
27in 8-Blade Cutting Unit	03710
27in 11-Blade Cutting Unit	03711
32in 8-Blade Cutting Unit	03712
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail)	108-1178
Premium All Purpose Grease (Tube)	108-1190
Gauge Bar Assembly	108-6715
Operator Fan Kit - US Sales Only, 3in ROPS Post	110-8804
Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail)	119-2157
Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum)	119-2158
Brush and Handle Kit	29-9100
MVP Filter Kit	30056
Hardtop Sunshade	30359
Flow Divider Kit	30871
Diagnostic Display Box	85-4750

Notes:



Count on it.