



Count on it.

Parts Catalog

Multi Pro® 5800-D

Turf Sprayer with ExcelaRate Spray System

Model No. 41393TE—Serial No. 405700000 and Up



Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

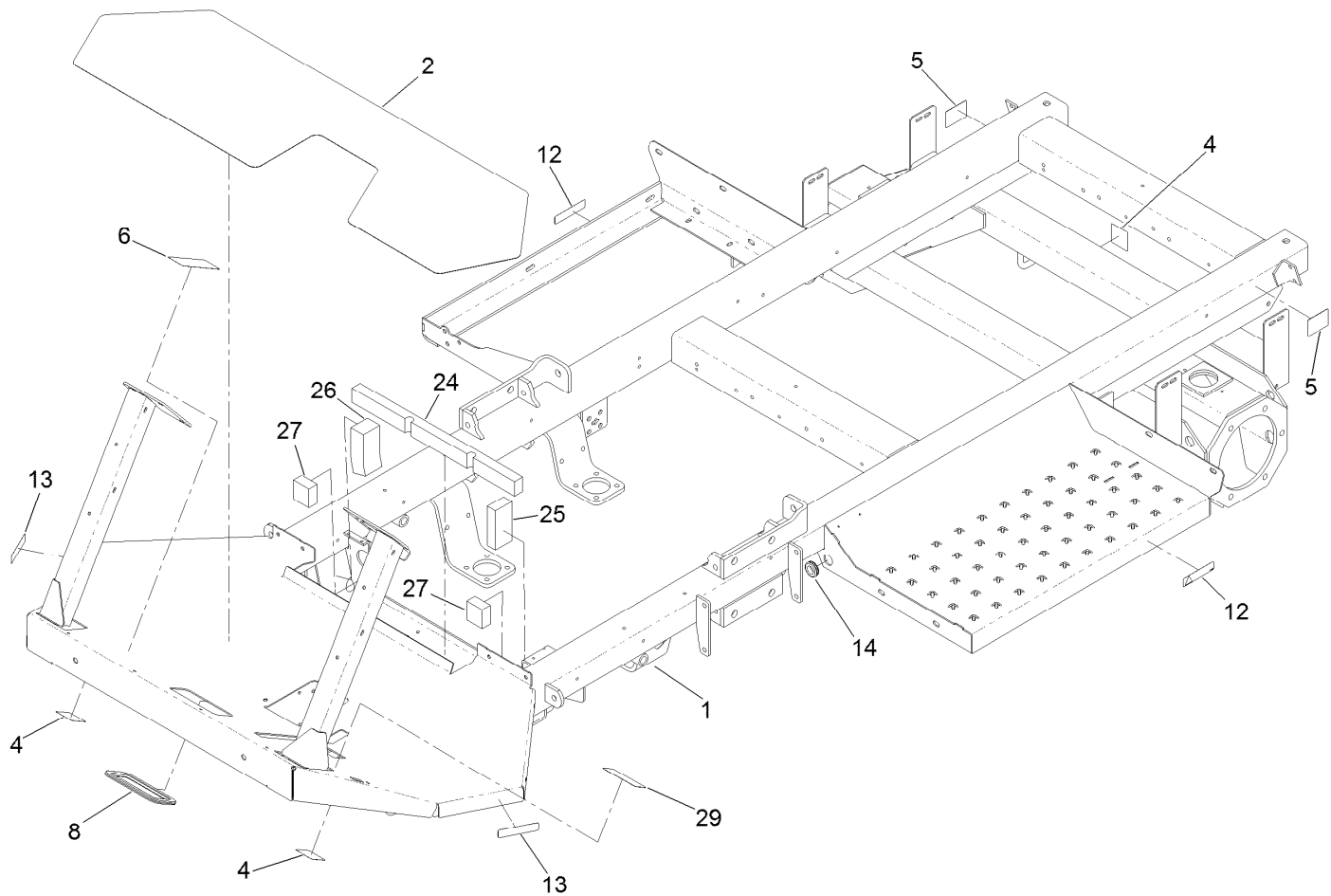
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Frame and Step Assembly	5
Front Axle Assembly	6
Cylinder Assembly No. 138-6102	8
Hub Assembly No. 119-6003	9
Front Suspension Assembly	10
Seat Base Assembly	11
Seat, Fresh Water Tank and Roll-Over Protection System Assembly	12
Control Console Assembly	14
Brake Pedal Assembly	15
Traction Pedal Assembly	16
Throttle Assembly	17
Dash Assembly	18
Hood and Fender Assembly	19
Engine Mounting and Bell Housing Assembly	20
Engine, Exhaust and Air Cleaner Assembly	21
Air Cleaner Assembly No. 106-5277	23
Fuel Tank Assembly	24
Radiator Assembly	25
Hydraulic Pump and Filter Assembly	27
Piston Pump Assembly No. 117-0685	29
Control Assembly No. 115-4446	31
Tandem Pump Assembly No. 138-6193	32
Hydraulic Tank Assembly	33
Hydraulic Pump and Filter Assembly	34
Pump Control Valve Assembly No. 117-0708	36
Steering Hydraulic Assembly	37
Steering Valve Assembly No. 137-7509	38
Boom Lift Assembly	39
Hydraulic Cylinder Assembly No. 117-0701	40
On-Off Boom Lift Valve Assembly No. 136-2400	41
Rear Drive Assembly	42
Planetary Assembly No. 136-2913	44
RH Brake Assembly No. 100-3069	45
LH Brake Assembly No. 100-3070	46
Hydraulic Motor Assembly No. 132-5631	47
Hydraulic Motor Assembly No. 136-2373	48
Electrical Assembly	49
Tank and Saddle Assembly	50
Tank Assembly No. 117-8005	51
Spray Tank Lid Assembly No. 138-6283	52
Bypass Hose Assembly No. 132-4297	53
Tank Mounting and Filter Assembly	54
Filter Assembly No. 130-7096	55
Spray System Hose Assembly	56
Spray Pump and Valve Assembly	58
Spray Manifold Assembly	60
Manifold Valve Kit No. 131-7256	61
Manifold Valve Kit No. 131-0253	62
Pressure Filter Assembly No. 131-3791	63
On/Off Manifold Valve Kit No. 127-9803	64
On/Off Actuator Kit No. 131-3723	65
Bypass Valve Assembly No. 127-9805	66
On/Off 2-Way Valve Kit No. 131-0249	67
Pump Assembly No. 137-4230	68

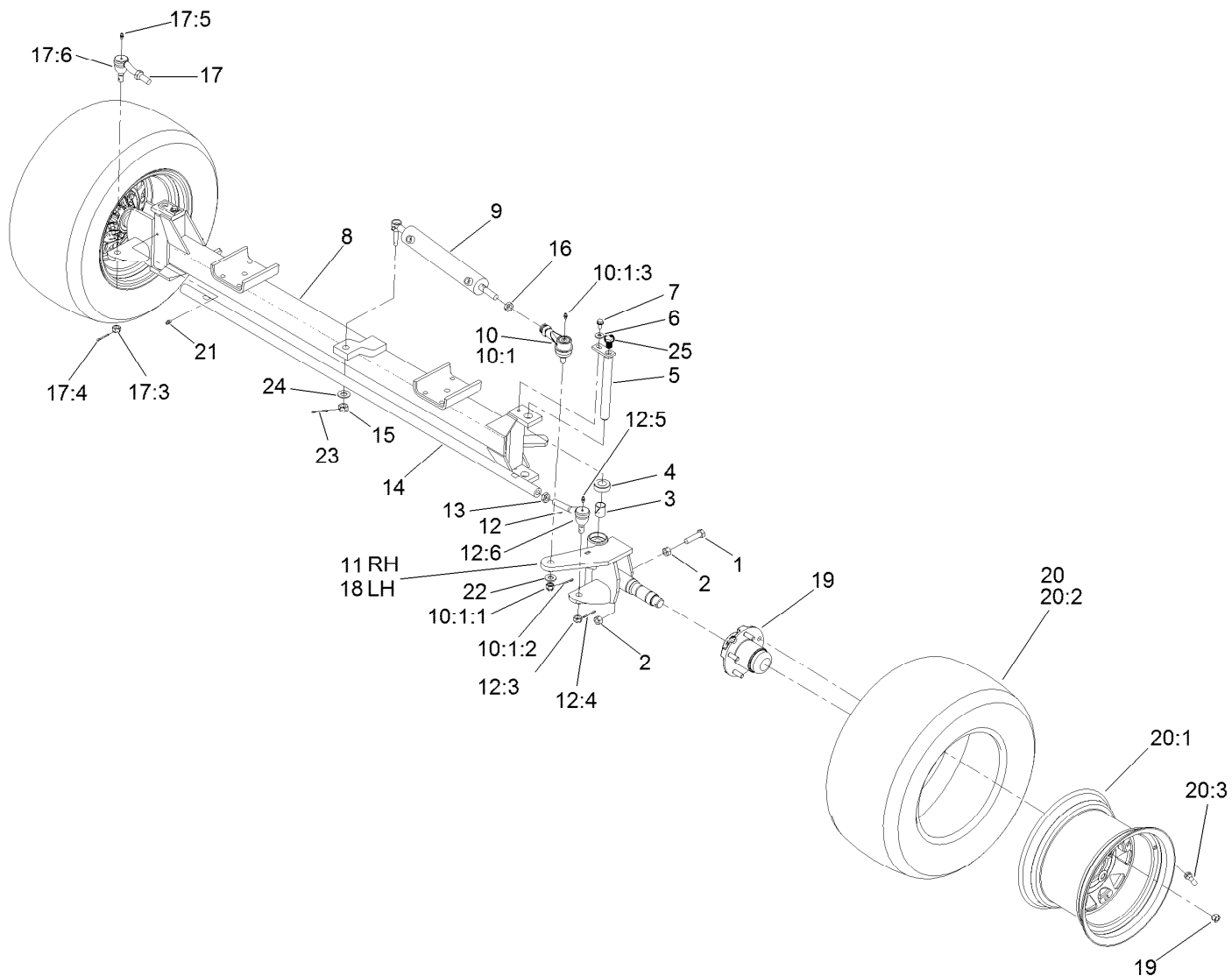
Contents (continued)

Agitation Hose Assembly No. 139-3093.....	69
Hydraulic Motor Assembly No. 117-0706.....	70
Flow Meter Assembly No. 138-6128.....	71
Center Boom Assembly.....	72
LH Single Turret Body Assembly No. 108-3725.....	74
Double Turret Body Assembly No. 108-3727.....	75
RH Single Body Turret Assembly No. 108-3726.....	76
Left and Right Hand Boom Assembly.....	77
Crankcase Assembly.....	78
Oil Pan Assembly.....	79
Cylinder Head Assembly.....	80
Gear Case Assembly.....	81
Cylinder Head Cover Assembly.....	82
Dipstick and Guide Assembly.....	83
Main Bearing Case Assembly.....	84
Cam Shaft and Idle Gear Assembly.....	85
Piston and Crankshaft Assembly.....	86
Flywheel Assembly.....	87
Fuel Camshaft and Governor Shaft Assembly.....	88
Idle Apparatus Assembly.....	89
Injection Pump Assembly.....	90
Governor Assembly.....	91
Speed Control Plate Assembly.....	92
Nozzle Holder and Glow Plug Assembly.....	93
Nozzle Holder Component Assembly.....	94
Alternator and Pulley Assembly.....	95
Alternator Components Assembly.....	96
Starter Assembly.....	97
Starter Assembly No. 98-9705.....	98
Water Flange and Thermostat Assembly.....	99
Water Pump Assembly.....	100
Valve and Rocker Arm Assembly.....	101
Inlet and Exhaust Manifold Assembly.....	102
Muffler Gasket, Glow Controller and Overflow Bottle Assembly.....	103



Frame and Step Assembly

Ref.	Part Number	Qty.	Description
1	130-7070-03	1	Frame
2	104-8863	1	Tread-Floor
4	120-0623	3	Decal-Tie Down, Towing
5	107-8667	2	Decal-Jacking
6	107-8724	1	Decal-Traction
8	119-0599	1	Trim-Seal
12	107-8732	2	Decal-Torque (CE)
13	107-8731	2	Decal-Torque (CE)
14	240-6	1	Grommet-Rubber
24	131-5751	1	Foam-Seal
25	131-5752	1	Foam-Seal
26	131-5753	1	Foam-Seal
27	131-5754	2	Foam-Seal
29	136-2351	1	Decal-Brake, Parking

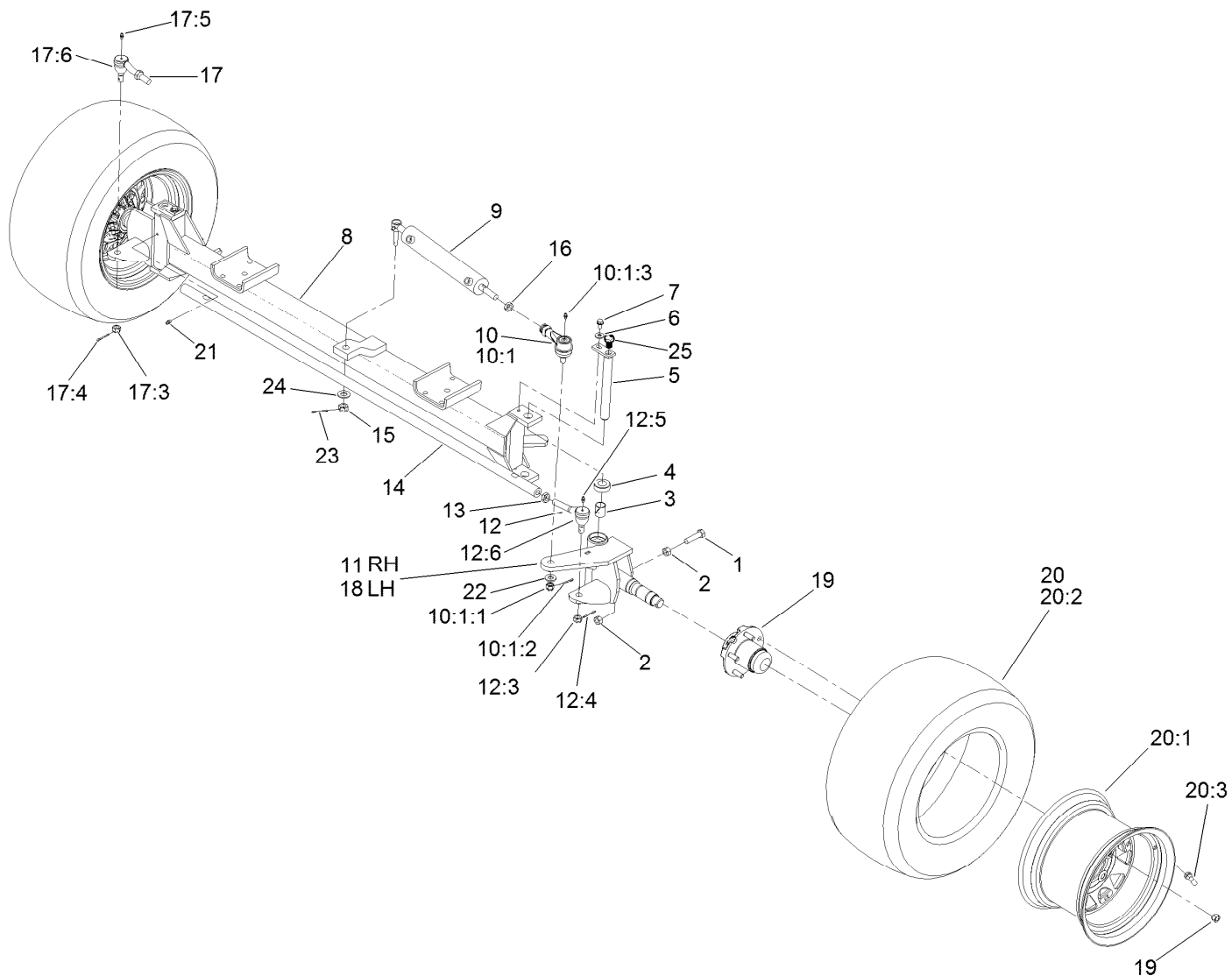


Front Axle Assembly

Ref.	Part Number	Qty.	Description
1	01-182-0816	2	Bolt-HH
2	3217-9	4	Nut-HH
3	93-6586	4	Bushing
4	93-6587	2	Bearing
5	138-6177	2	Pin-King
6	3256-3	2	Washer-Flat
7	32144-14	2	Screw-HWHTF
8	138-9615-03	1	Front Axle ASM
9	138-6102	1	Cylinder ASM
10	93-6509-03	1	Tie Rod End ASM
10:1		1	End-Tie Rod ●
10:1:1	137-4176	1	Nut-Hex, Slotted
10:1:2	3272-12	1	Pin-Cotter
10:1:3	302-5	1	Fitting-Grease
11	138-6244-03	1	Spindle-LH
12	87-1470-03	1	End-Tie Rod, LH
12:3	32136-3	1	Nut-SHH
12:4	3272-12	1	Pin-Cotter

Ref.	Part Number	Qty.	Description
12:5	302-5	1	Fitting-Grease
12:6	107-1587	1	Seal
13	3218-21	1	Nut-Jam
14	93-6588	1	Rod-Steering
15	32136-13	1	Nut-SHH
16	3220-11	2	Nut-Jam
17	87-1480-03	1	End-Tie Rod, RH
17:3	32136-3	1	Nut-SHH
17:4	3272-12	1	Pin-Cotter
17:5	302-5	1	Fitting-Grease
17:6	107-1587	1	Seal
18	117-5897-03	1	Spindle ASM
19	119-6003	2	Hub ASM
20	127-1100	2	Wheel And Tire ASM
20:1	125-5899	1	Wheel
20:2	120-2114	1	Tire-Smooth
20:3	232-27	1	Stem-Valve
21	302-5	2	Fitting-Grease

● Not serviced separately

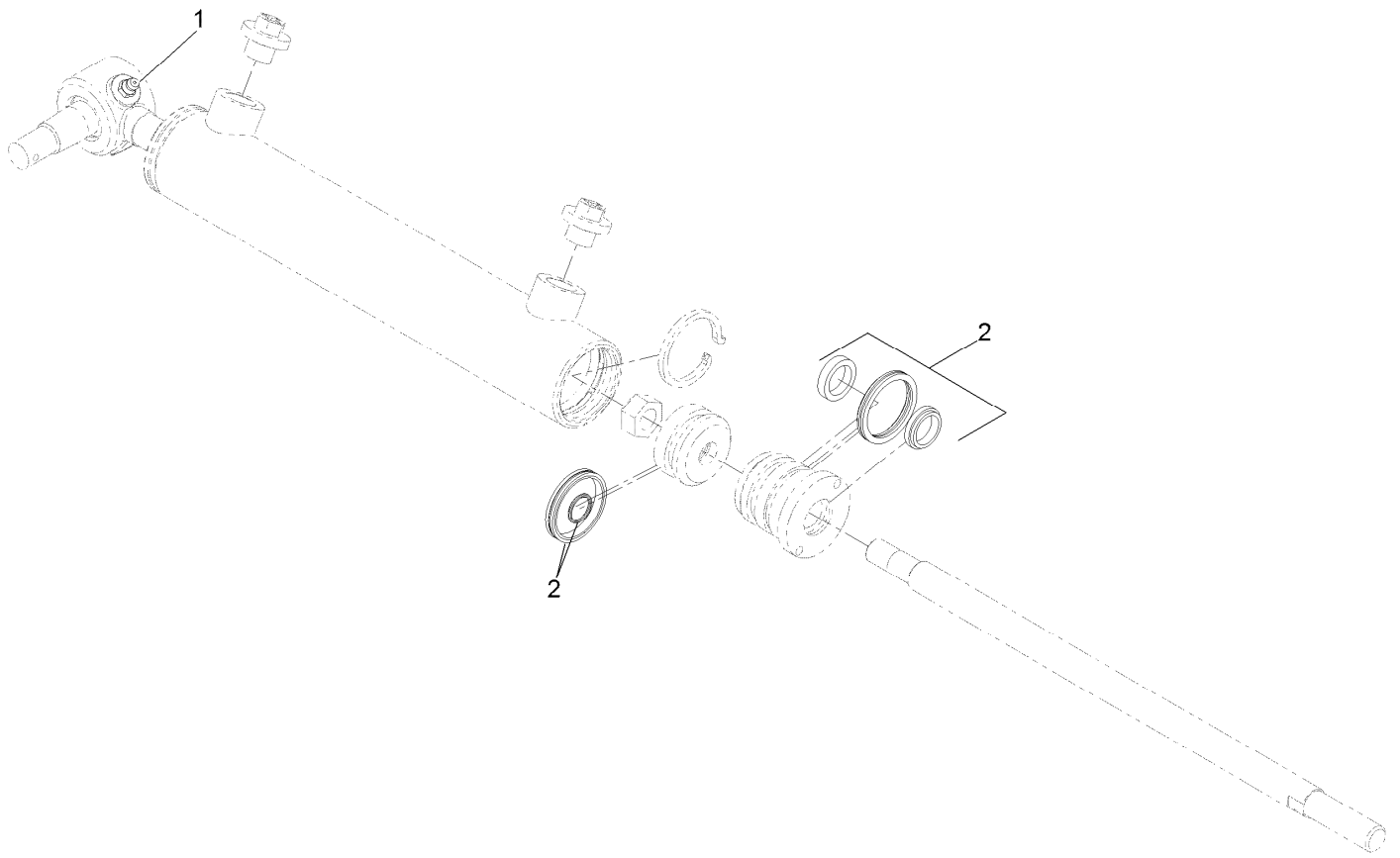


Front Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
22	87-7270	1	Washer-Thrust
23	3272-12	1	Pin-Cotter

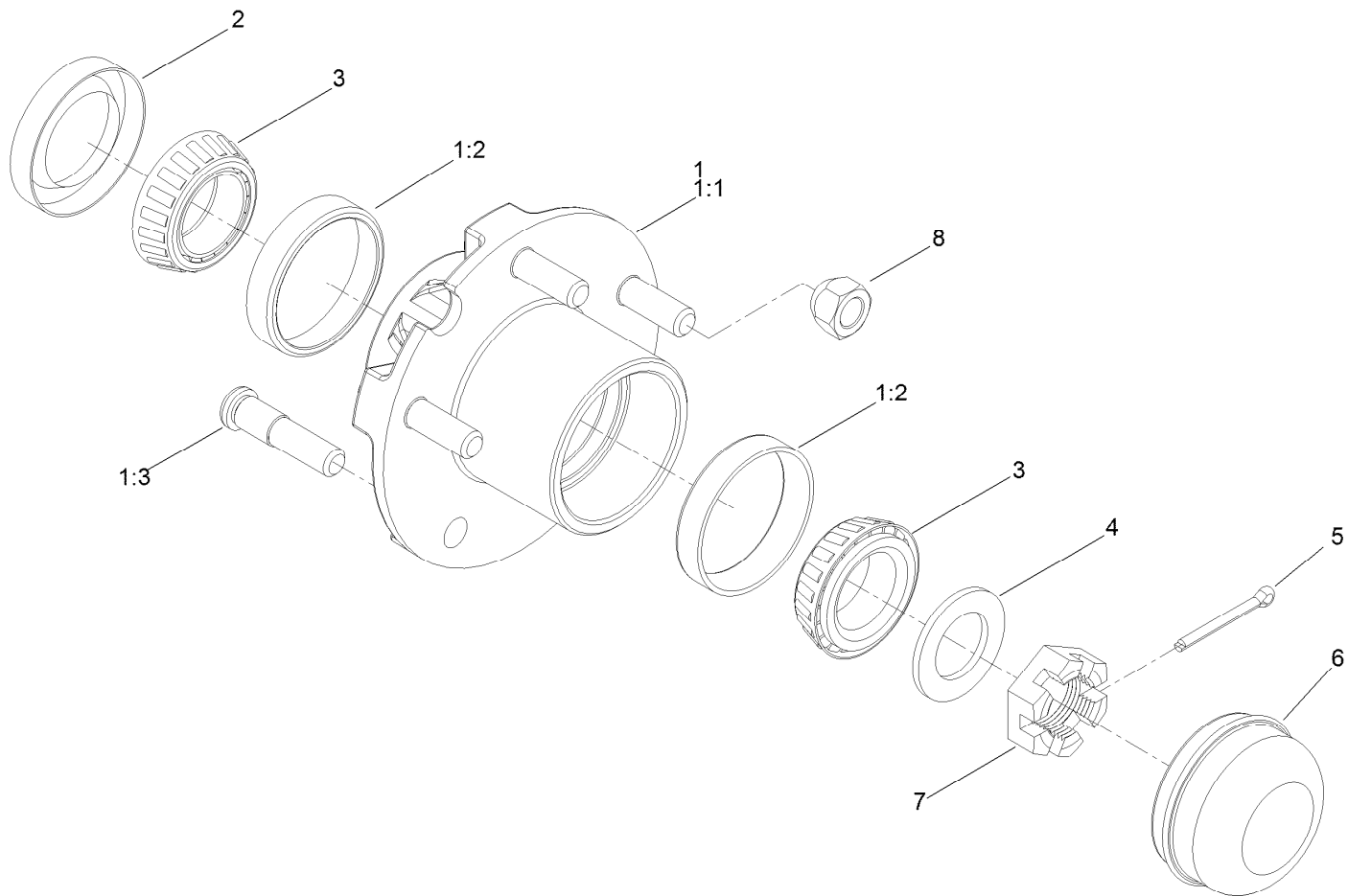
Ref.	Part Number	Qty.	Description
24	119-1868	1	Washer
25	138-6279	2	Screw-Cap, HH

● Not serviced separately



Cylinder Assembly No. 138-6102

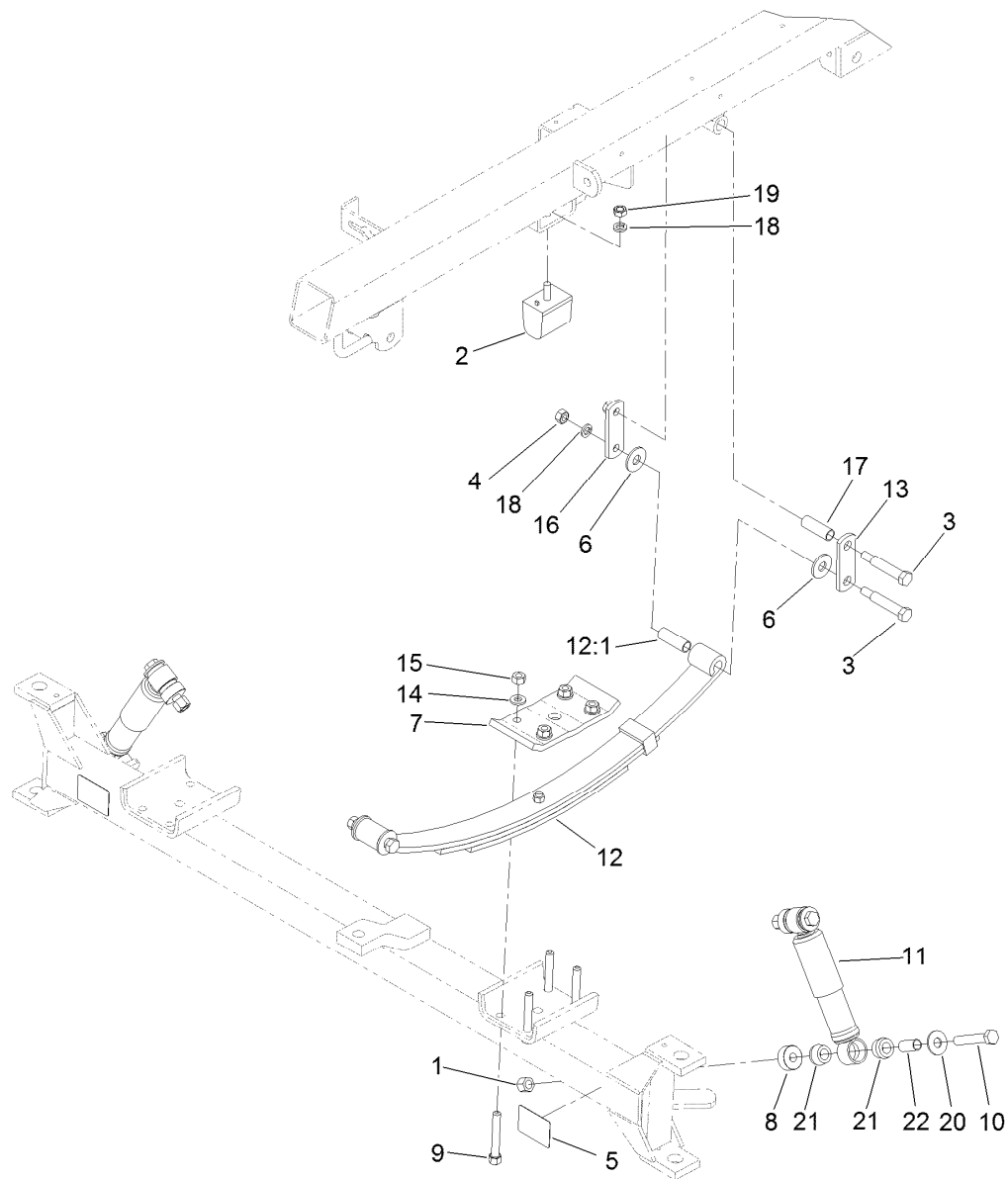
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	302-5	1	Fitting-Grease
2	139-3099	1	Repair Kit, Cylinder



Hub Assembly No. 119-6003

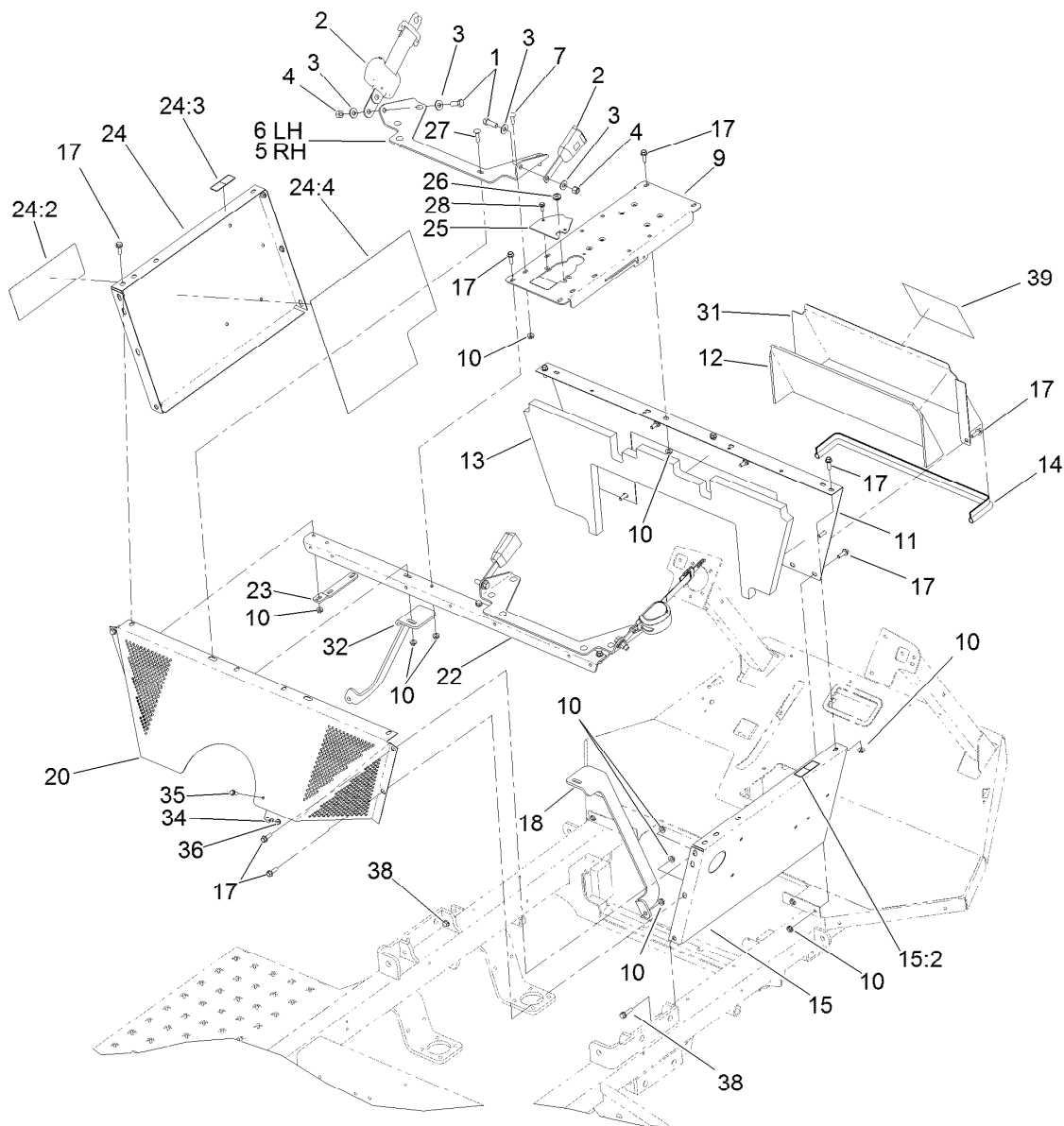
Ref.	Part Number	Qty.	Description
1	119-6001	1	Hub ASM
1:1		1	Hub ●
1:2	115-9471	2	Bearing-Cup
1:3	69-2990	5	Stud-Wheel
2	94-7285	1	Seal
3	254-62	2	Bearing-Roller, Cone
4	85-5770	1	Washer-Thrust
5	3272-18	1	Pin-Cotter
6	119-6004	1	Cap-Dust
7	119-6005	1	Nut-Slotted, Hex
8	242-35	5	Nut-Wheel

● Not serviced separately



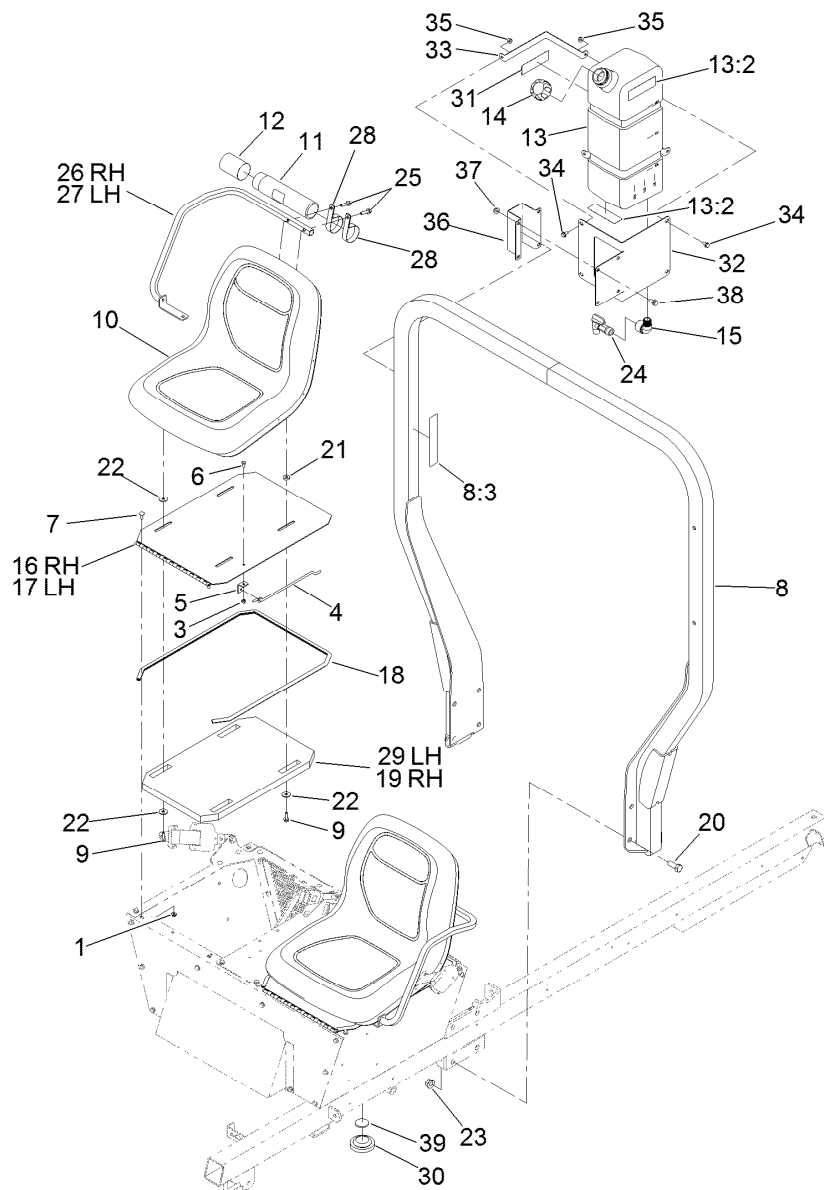
Front Suspension Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3296-23	4	Nut-Lock, NI	12:1	119-9437	2	Bushing-Spring, Leaf
2	87-3470	2	Bumper	13	42574	2	Shackel-Outside
3	110-5072	6	Bolt-Shoulder	14	87-7480	8	Washer
4	3217-8	6	Nut-Hex	15	106-0327	8	Nut-Hex
5	107-8667	2	Decal-Jacking	16	42576	2	Shackel-Inside
6	93-6161	8	Washer	17	42592	2	Bushing-Shackle
7	121-5089-03	2	Plate-Top, Spring	18	3253-6	8	Washer-Lock
8	127-2913	4	Spacer	19	93-6166	2	Nut-Hex
9	26-0672	8	Bolt-Blade	20	3256-6	4	Washer-Flat
10	325-12	4	Screw-HH	21	87-3920	8	Bushing
11	121-9774	2	Absorber-Shock	22	127-2925	4	Sleeve
12	99-0569	2	Spring Leaf				



Seat Base Assembly

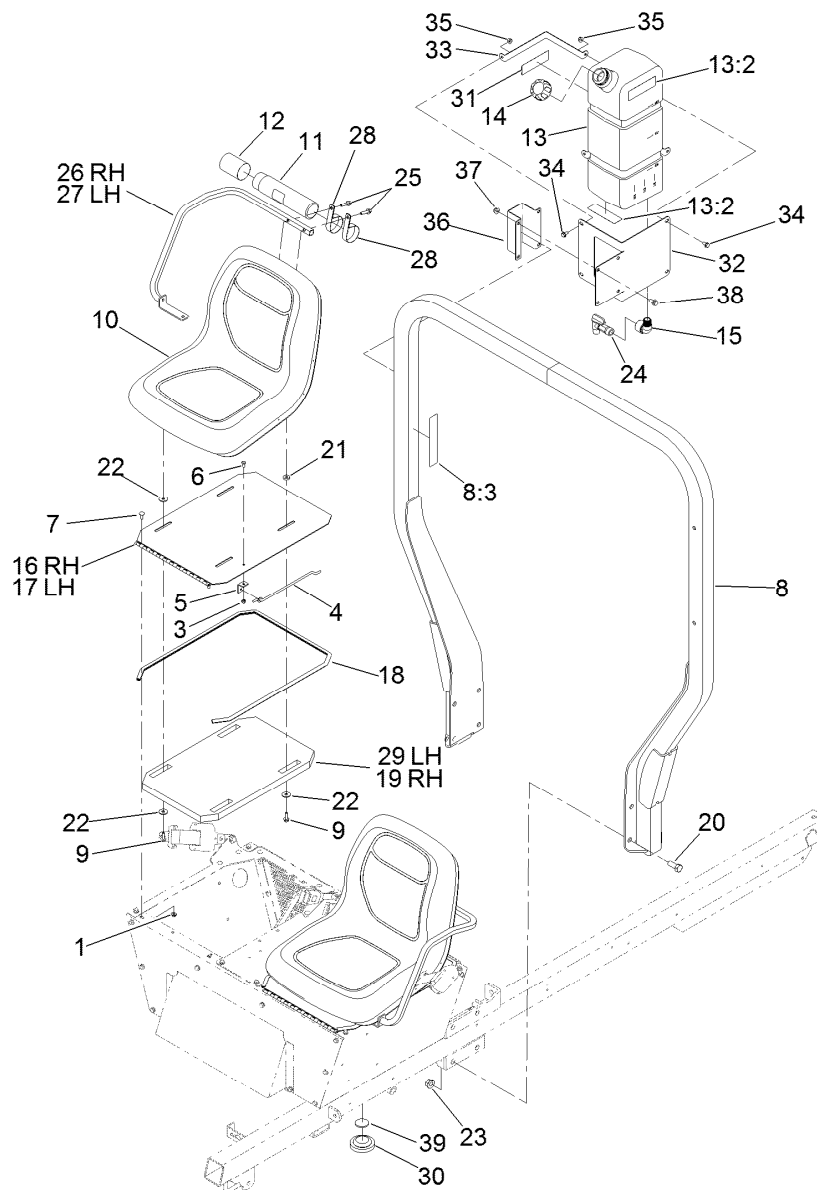
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	324-5	4	Screw-HH	22	119-5025-03	1	Angle-Seat Box
2	110-0413	2	Seatbelt-Retractable	23	95-2264-03	2	Strap-Support, Belt
3	3256-4	8	Washer-Flat	24	131-5788	1	LH Seat Box Panel ASM
4	3296-48	4	Nut-Hex	24:2	120-0619	1	Decal-Warning
5	121-5071-03	1	Bracket-Seat Belt, RH	24:3	120-0625	1	Decal-Warning
6	121-5072-03	1	Bracket-Seat Belt, LH	24:4	131-5806	1	Shield-Heat Tape, Seatbase (LH)
7	3230-22	10	Screw-CARR	25	132-7705-03	1	Retainer-Harness, Base
9	132-7667-03	1	Base-Console	26	237-141	1	Grommet-Rubber
10	32128-20	36	Nut-HF	27	3230-3	2	Screw-CARR
11	130-7107-01	1	Panel-Front, Seatbase	28	119-4012	2	Screw-HWHTF
12	130-7132	1	Barrier-Noise, Access Panel	31	130-7119-01	1	Panel-Access, Seatbase
13	130-7135	1	Barrier-Noise, Front Panel	32	107-8730-03	1	Support-LH
14	131-3282	1	Trim	34	2412-72	1	Clip-Closed, Insulated
15	130-7104	1	Panel-Seatbase, RH	35	3234-4	1	Screw-HHF
15:2	120-0625	1	Decal-Warning	36	104-7201	1	Nut-HF
17	3234-17	22	Screw-HHF	38	3234-36	2	Screw-HHF
18	107-8729-03	1	Support-RH	39	139-3065	1	Decal-Service
20	106-5286-03	1	Shroud-Engine				



Seat, Fresh Water Tank and Roll-Over Protection System Assembly

Ref.	Part Number	Qty.	Description
1	32128-20	4	Nut-HF
3	3296-42	2	Nut-Lock, NI
4	94-7204	2	Rod-Prop, Seat
5	94-7203	2	Bracket
6	321-3	2	Screw-HH
7	3230-23	4	Screw-CARR
8	119-0589	1	ROPS ASM
8:3	117-4955	1	Decal-Danger, ROPS (CE)
9	33104-025	8	Screw-HHF
10	112-2923	2	Seat ASM
11	104-7050	1	Tube-Manual
12	104-7048	1	Cap-Housing
13	132-7745	1	Fresh Water Tank ASM
13:2	120-0616	3	Decal-Water, Fresh
14	106-5052	1	Cap-Water, Fresh
15	132-7706	1	Elbow-90 DEG
16	108-3289-03	1	Panel-Seat, RH
17	132-7664-03	1	Panel-Seat, LH
18	94-7085	2	Trim

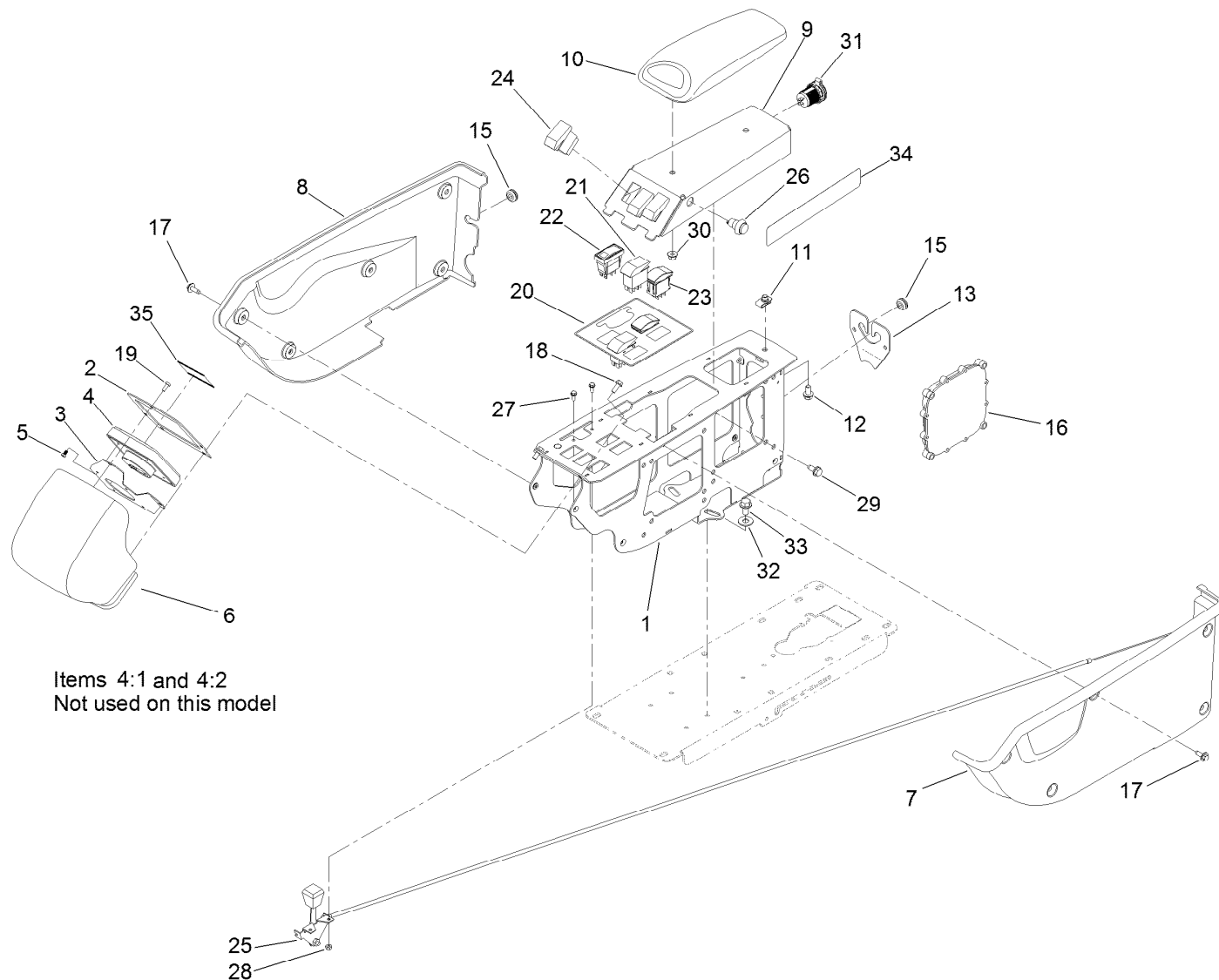
Ref.	Part Number	Qty.	Description
19	108-3290	1	Barrier-Noise, Seat
20	327-4	8	Screw-HH
21	7-0081	6	Washer-Flat
22	52-2861	10	Washer
23	32128-50	8	Nut-Flange
24	100-7011	1	Spigot-90 DEG
25	33104-035	4	Screw-HHF
26	119-0732-03	1	Armrest-RH
27	119-0731-03	1	Armrest-LH
28	2412-133	2	Clamp-R
29	132-7666	1	Barrier-Noise, Seat
30	100-3524	1	Switch-Seat
31	120-0616	1	Decal-Water, Fresh
32	132-5619-03	1	Mount-Tank, Eye Wash
33	132-7628-03	2	Band-Tank, Eye Wash
34	3234-7	4	Screw-HHF
35	104-8300	4	Nut-HF, NI
36	132-7627-03	1	Clamp-Bracket, Fresh Water Tank



Seat, Fresh Water Tank and Roll-Over Protection System Assembly (continued)

Ref.	Part Number	Qty.	Description
37	104-8301	4	Nut-HF, NI

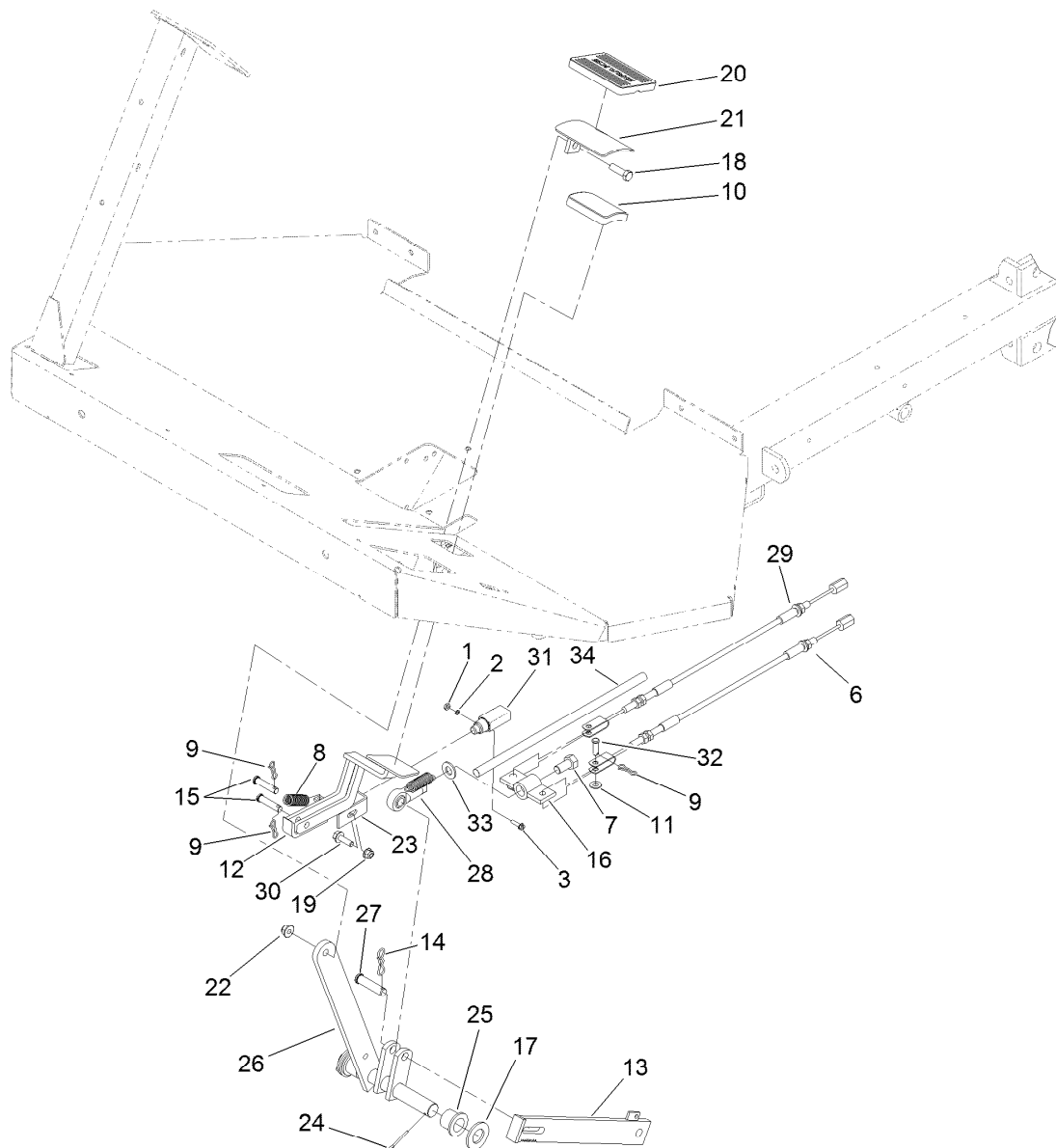
Ref.	Part Number	Qty.	Description
38	3234-1	4	Screw-HHF
39	133-2797	1	Disc-Plunger



Control Console Assembly

Ref.	Part Number	Qty.	Description
1	132-5640-03	1	Frame-Console
2	132-7615-03	1	Plate-Monitor
3	132-7610-03	1	Retainer-Monitor
4	125-5320	1	Infocenter
4:1	115-8884	4	Nut-Thumb
4:2	115-8885	4	Stud
5	132-7668	4	Screw-PPH
6	132-7617	1	Hood-Console
7	132-7611	1	Cover-LH
8	132-7612	1	Cover-RH
9	132-5645-03	1	Panel-Arm
10	131-9637	1	Armrest-Quick Find
11	112-3306	1	Nut
12	3234-14	1	Screw-HHF
13	132-7704-03	1	Retainer-Harness, Console
15	237-141	2	Grommet-Rubber
16	114-3321	1	Controller-Tec
17	119-4012	12	Screw-HWHTF
18	32144-85	2	Screw-HWH

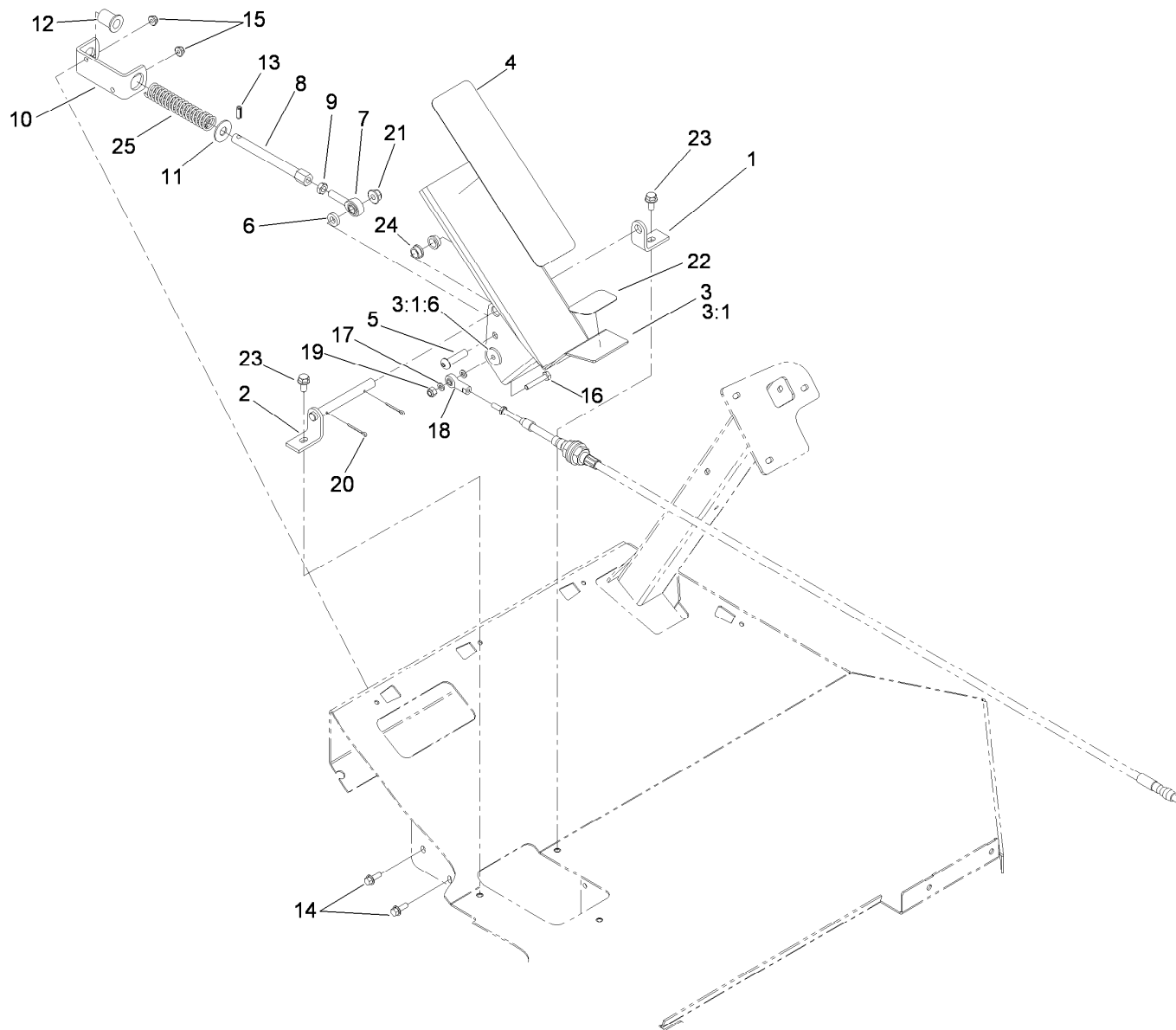
Ref.	Part Number	Qty.	Description
19	3250-12	3	Screw-PPH
20	132-7695	1	Decal-Console
21	100-8490	2	Switch-Rocker, On-None-On
22	104-9007	1	Switch-Rocker
23	100-1535	2	Switch-Rocker, (On)-Off-(On)
24	95-8999	3	Switch
25	119-0564	1	Control-Throttle
26	125-7996	1	Switch-Pb, Momentary
27	3290-321	2	Screw-HWH
28	3296-2	2	Nut-Lock, NI
29	32144-70	4	Screw-HWHTF
30	104-8300	2	Nut-HF, NI
31	131-8388	1	Socket-USB
32	3256-4	3	Washer-Flat
33	110-9380	3	Screw-HWH
34	132-7786	1	Decal-Quickfind
35	114-5554	1	Decal-Center, Info



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	3217-26	2	Nut-Hex
2	3253-17	2	Washer-Lock
3	32105-13	2	Screw-HWH
6	119-9364	1	Cable-Brake, LH
7	3213-1	1	Screw-HH
8	92-0417	2	Spring-EXT
9	119-1415	4	Pin-Cotter, Locking
10	42719	1	Pad-Pedal
11	3256-23	2	Washer-Plain
12	93-6599-03	1	Catch
13	93-6598-03	1	Strap-Brake
14	119-1416	1	Pin-Cotter, Locking
15	283-15	2	Pin-Clevis
16	93-6595	1	Equalizer-Brake
17	3256-29	3	Washer-Flat
18	323-7	1	Screw-HH

Ref.	Part Number	Qty.	Description
19	104-8300	1	Nut-HF, NI
20	7-3900	1	Pad-Brake
21	100-8422-03	1	Bracket-Pedal
22	104-8301	1	Nut-HF, NI
23	93-6592-03	1	Bracket
24	3272-12	2	Pin-Cotter
25	94-7164	2	Bearing
26	93-6589	1	Shaft-Brake
27	42195	1	Pin-Clevis
28	522087	1	Rod-End
29	119-9365	1	Cable-Brake, RH
30	3234-17	1	Screw-HHF
31	99-7407	1	Switch
32	283-58	2	Pin-Clevis
33	3256-26	1	Washer-Flat
34	130-7176	1	Sleeve-Thermal, Wrap

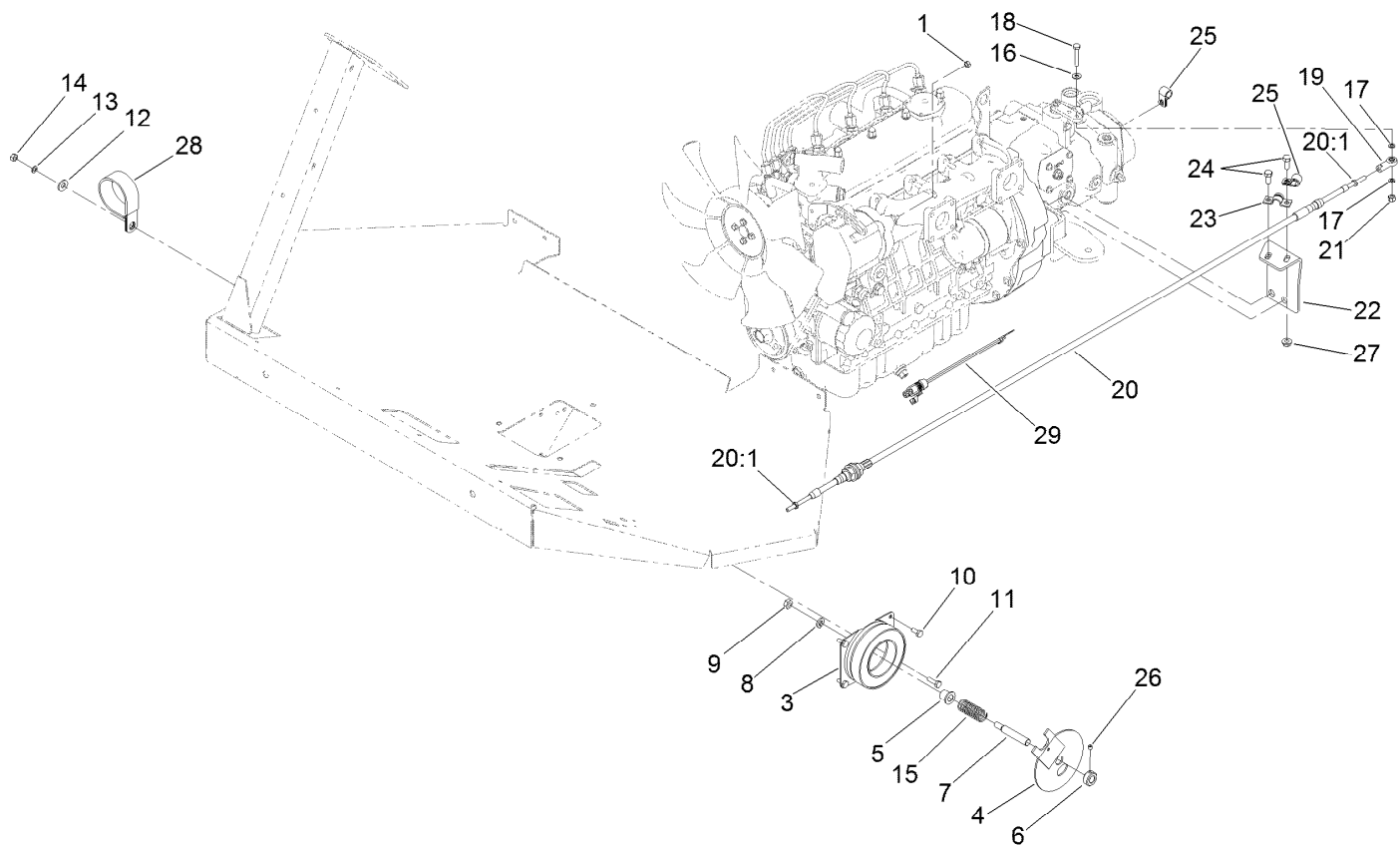


Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	92-0450-03	1	Bracket-Pin
2	92-0448	1	Pin-Pivot
3	106-5247-03	1	Traction Pedal ASM
3:1		1	Pedal-Traction ●
3:1:6	106-5248	1	Spacer
4	71-0440	1	Abrasive-Pedal
5	95-3857	1	Screw-HSBH
6	80-7730	1	Spacer
7	2411-36	1	Bearing-End, Rod
8	92-7609	1	Shaft-Spring
9	3220-3	1	Nut-HJ
10	92-7608-03	1	Bracket-Spring
11	3256-5	1	Washer-Flat
12	92-7610	1	Retainer-Spring

Ref.	Part Number	Qty.	Description
13	32121-11	1	Pin-Roll
14	3234-4	2	Screw-HHF
15	104-7201	2	Nut-HF
16	321-9	1	Screw-HH
17	33093-00	2	Washer-Flat
18	2411-41	1	Rod End-Ball Joint
19	3296-42	1	Nut-Lock, NI
20	3272-7	2	Pin-Cotter
21	104-8301	1	Nut-HF, NI
22	71-0450	1	Abrasive-Pedal, Rear
23	3234-14	2	Screw-HHF
24	256-156	2	Bushing-Flange
25	84-9100	1	Spring

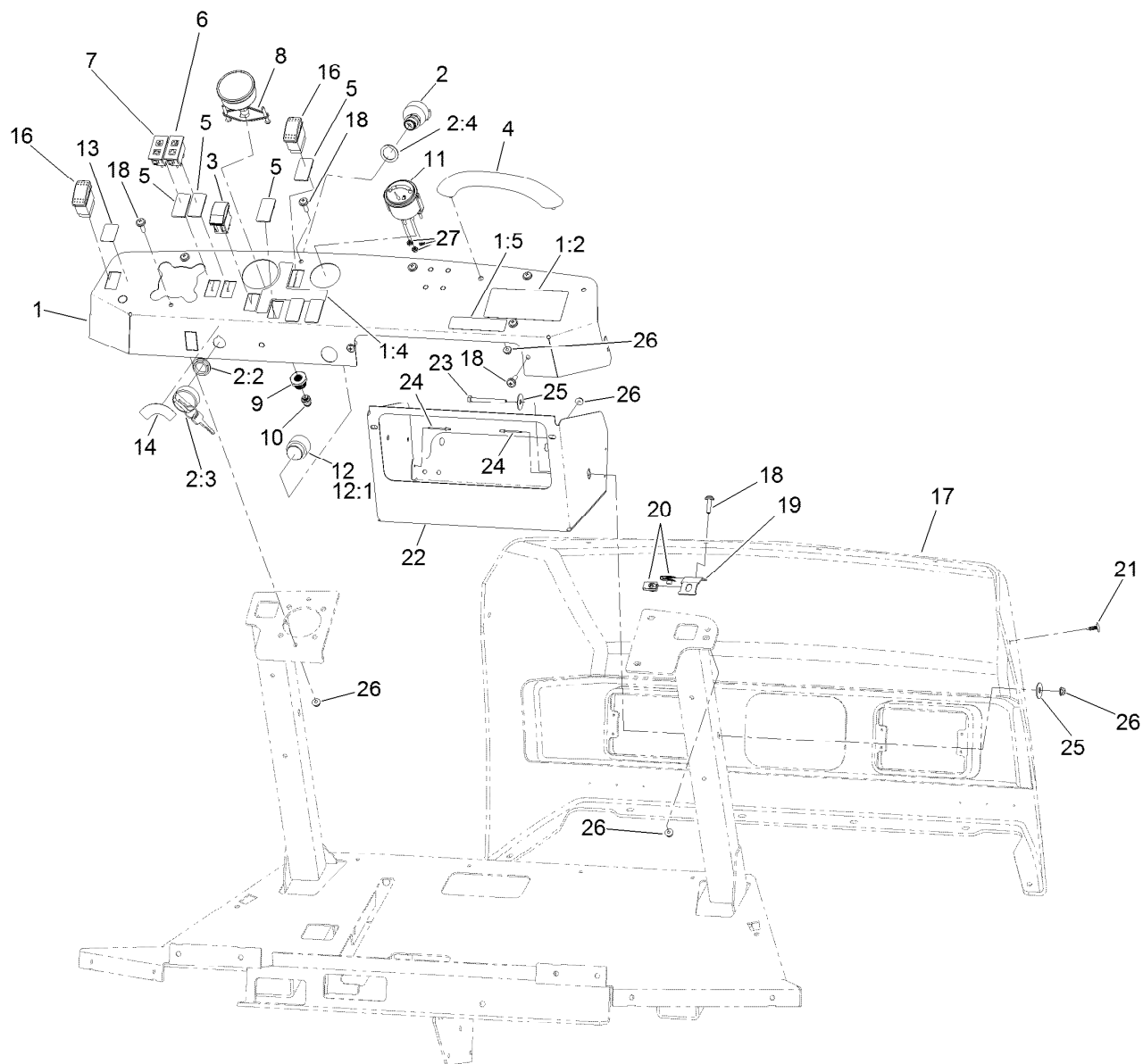
● Not serviced separately



Throttle Assembly

Ref.	Part Number	Qty.	Description
1	33013-00	1	Nut-Hex
3	42-1720	1	Core-Field, Coil
4	43-6110-0P	1	Clutch Plate ASM [primed]
5	256-273	1	Bushing-Flange
6	43-6320	1	Collar
7	69-9170	1	Shaft-Cruise
8	3253-5	1	Washer-Lock
9	3217-7	1	Nut-Hex
10	321-3	3	Screw-HH
11	321-5	1	Screw-HH
12	3256-3	1	Washer-Flat
13	3253-3	4	Washer-Lock
14	3217-5	4	Nut-Hex
15	43-6200	1	Spring-Compression
16	3256-22	1	Washer-Flat

Ref.	Part Number	Qty.	Description
17	33093-00	2	Washer-Flat
18	321-9	1	Screw-HH
19	2411-41	1	Rod End-Ball Joint
20	106-5233	1	Cable-Traction
20:1	3220-1	2	Nut-Jam
21	3296-42	1	Nut-Lock, NI
22	119-9359	1	Bracket-Cable, Rear
23	93-2092	1	Clamp-Cable
24	322-3	2	Screw-HH
25	2412-93	2	Clamp-R
26	3245-32	1	Screw-HSH
27	32128-20	2	Nut-HF
28	2412-102	1	Clamp-R
29	99-3441	1	Harness-Wire, Fusible Link

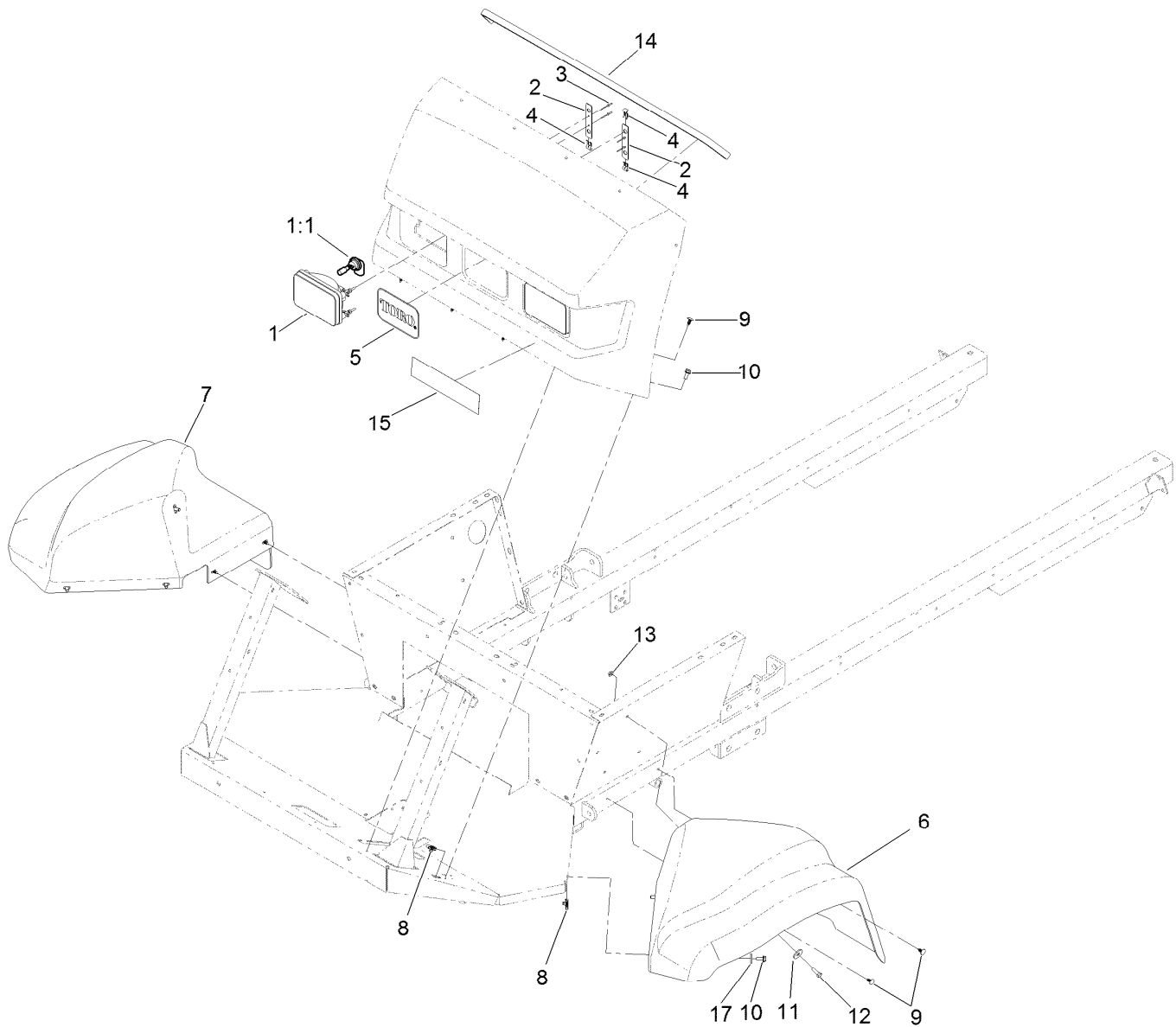


Dash Assembly

Ref.	Part Number	Qty.	Description
1	132-7690	1	Dash Panel ASM
1:2	120-0624	1	Decal-Warning, Passenger
1:4	132-7689	1	Decal-Switch
1:5	133-8062	1	Decal-Arrestor, Spark
2	106-5269	1	Ignition Switch ASM
2:2	108-8660	1	Nut-Mounting
2:3	106-5270	1	Ignition Key Set
2:4	108-8659	1	Washer-Backup
3	100-1535	1	Switch-Rocker, (On)-Off-(On)
4	117-4948	1	Handle-Grab
5	99-7420	3	Plug-Hole
6	120-6324	1	Cluster-Light, Incandescent
7	100-8070	1	Lamp-Warning
8	120-8546	1	Gauge-Pressure
9	100-8665	1	Reducer-Gauge, Pressure
10	100-8667	1	Coupler-Reducer

Ref.	Part Number	Qty.	Description
11	132-7614	1	Gauge-Fuel
12	80-9330	1	Audio Alarm ASM
12:1	104-5107	1	Nut-Plastic, Knurled ●
13	132-7708	1	Decal-Lights, Horn
14	119-6035	1	Decal-Ignition Switch
16	95-8999	2	Switch
17	117-0793	1	Hood
18	110-9361	12	Screw-PPH
19	117-0735	4	Bracket-Hood
20	107069	8	Clip
21	117-2382	2	Plug-Plastic
22	136-0426-03	1	Compartment-Storage
23	321-15	1	Screw-HH
24	3269-32	3	Rivet-Pop
25	52-2860	2	Washer
26	104-7201	7	Nut-HF
27	363-1483	3	Nut-Hex, K Lock

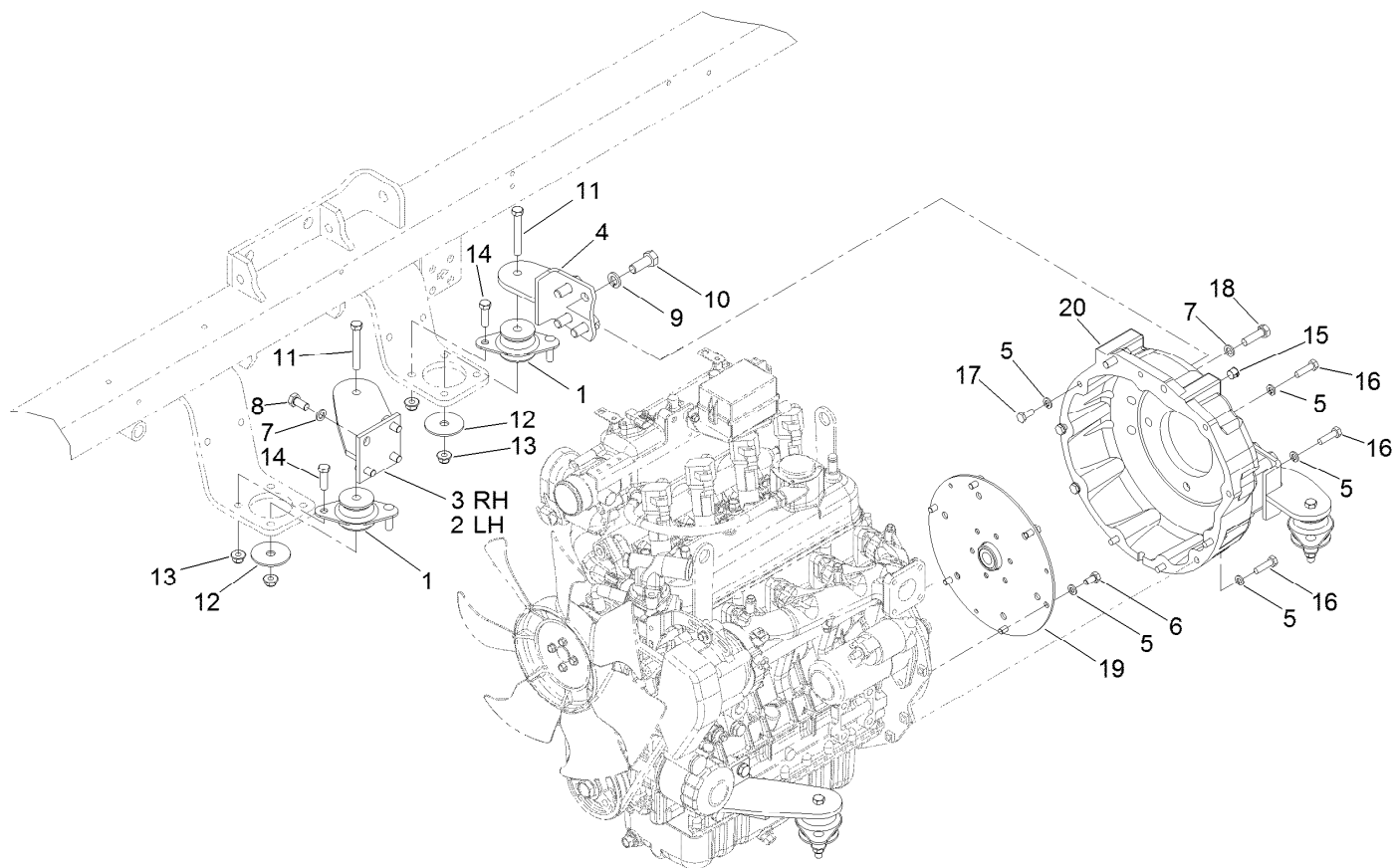
● Not illustrated



Hood and Fender Assembly

Ref.	Part Number	Qty.	Description
1	132-6703	2	Headlight ASM
1:1	115-2395	1	Bulb-Light
2	117-5832	4	Bracket-Headlight
3	3290-274	8	Rivet-Pop
4	115-2408	6	Clip-Speed
5	62-5550	1	Decal
6	119-0417	1	Fender
7	119-0418	1	Fender
8	94-2413	6	Nut-U

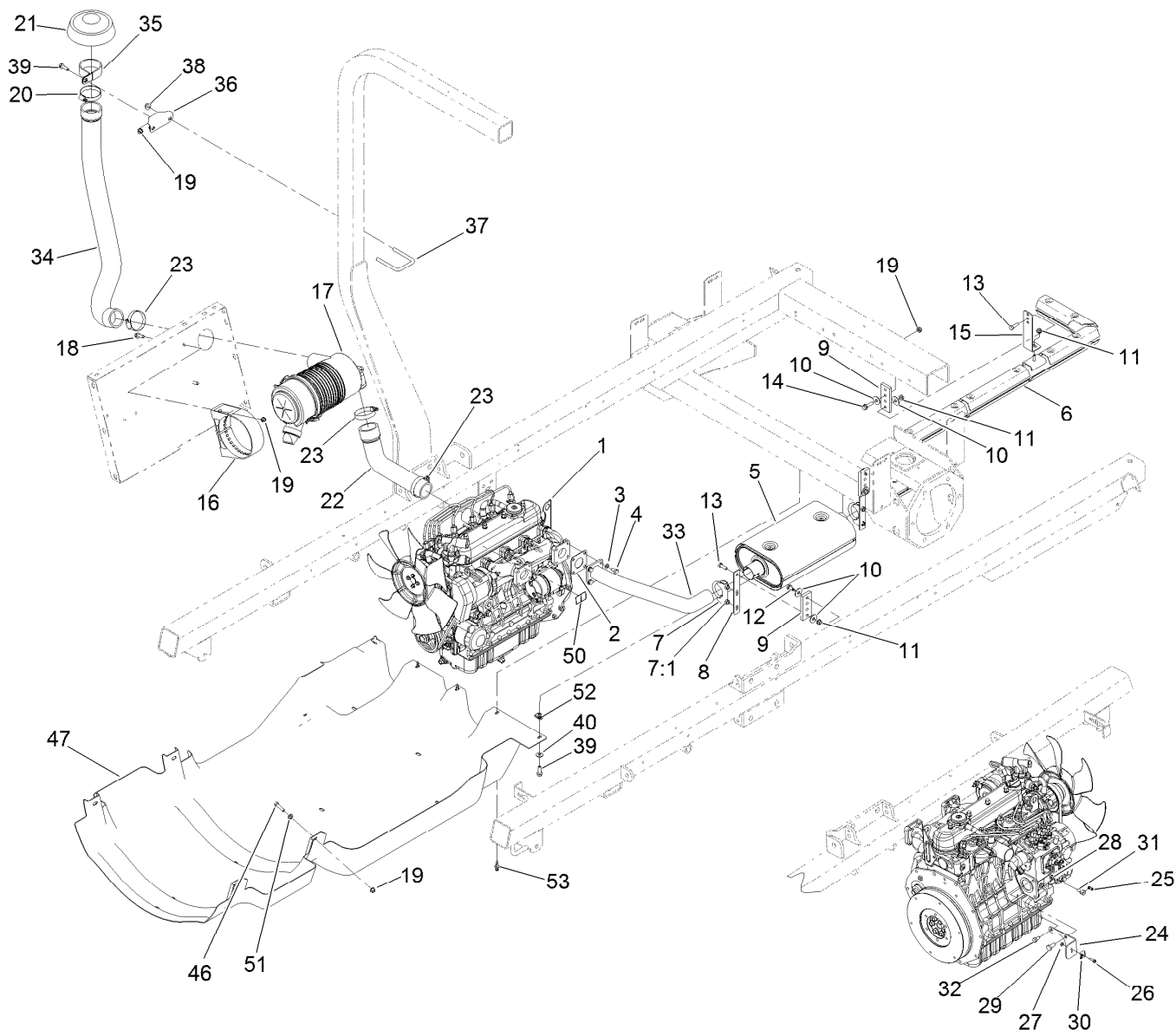
Ref.	Part Number	Qty.	Description
9	117-2382	8	Plug-Plastic
10	3234-47	6	Screw-HHF
11	63-8410	2	Washer
12	322-5	2	Screw-HH
13	32128-20	2	Nut-HF
14	119-0504	1	Trim-Hood
15	131-3308	1	Decal
17	3256-82	4	Washer-Flat



Engine Mounting and Bell Housing Assembly

Ref.	Part Number	Qty.	Description
1	131-1821	4	Mount-Engine
2	117-0667-03	1	Bracket-LH
3	117-0666-03	1	Bracket-RH
4	117-0669-03	2	Bracket-Mount, Rear
5	3253-4	15	Washer-Lock
6	99-5132	6	Bolt
7	48-9590	10	Washer-Lock
8	63-7790	8	Screw-Cap
9	3253-7	8	Washer-Lock
10	325-5	8	Screw-HH

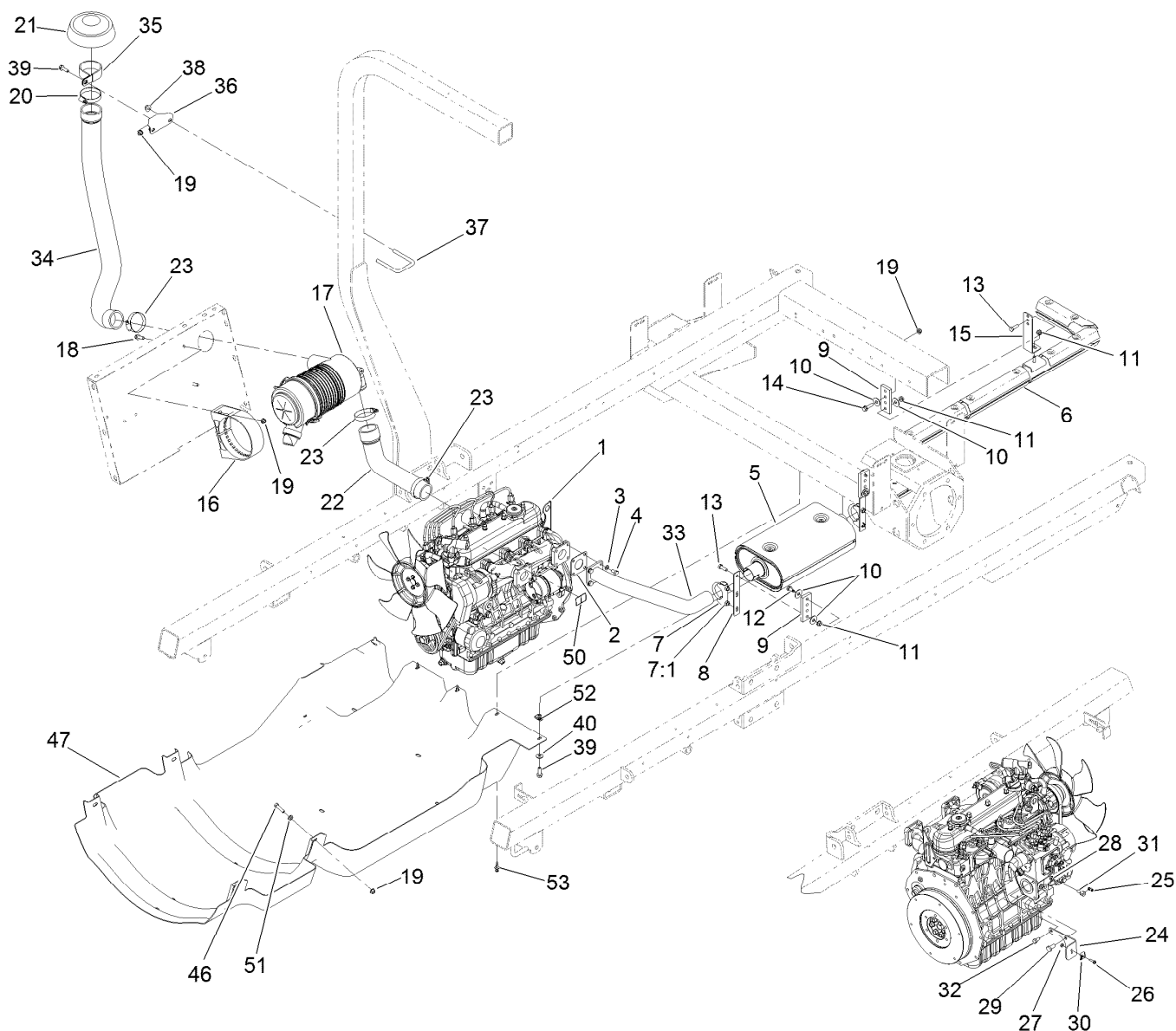
Ref.	Part Number	Qty.	Description
11	323-13	4	Screw-HH
12	87-5100	4	Washer-Snubbing
13	104-8301	12	Nut-HF, NI
14	323-7	8	Screw-HH
15	119-6039	2	Plug-Plastic
16	33114-030	6	Screw-HH
17	33114-020	3	Screw-HH
18	56-2140	2	Screw-HH
19	92-0285	1	Coupling ASM
20	105-0100	1	Housing-Flywheel



Engine, Exhaust and Air Cleaner Assembly

Ref.	Part Number	Qty.	Description
1	132-5205	1	Engine-Kubota, V1505
2	99-8343	1	Gasket-Muffler
3	3253-4	4	Washer-Lock
4	33114-016	4	Screw-HH
5	120-8536	1	Muffler
6	131-3333	1	Pipe-Tail
7	2112-6	2	Clamp-Muffler
7:1	3218-2	2	Nut-Jam
8	119-0503	2	Hanger-Muffler
9	117-0744	3	Hanger-Muffler
10	52-2860	6	Washer
11	32128-25	4	Nut-HF
12	32104-32	2	Screw-HWH
13	322-5	3	Screw-HH
14	119-4036	1	Screw-HHF
15	120-8557	1	Bracket-Hanger
16	98-4525	1	Bracket-Cleaner, Air
17	106-5277	1	Air Cleaner ASM
18	3234-17	2	Screw-HHF
19	104-8300	6	Nut-HF, NI
20	2412-42	1	Clamp-Hose

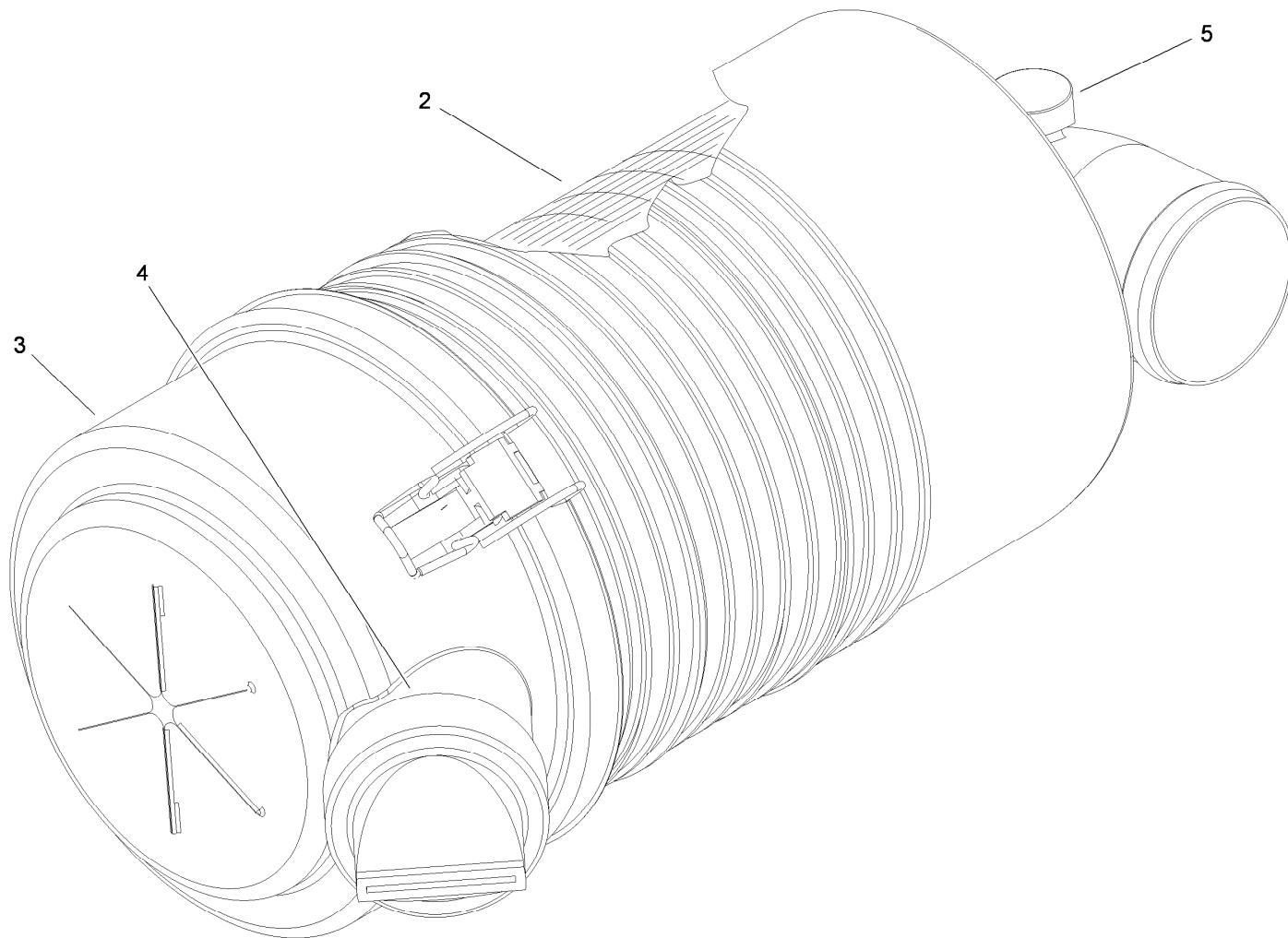
Ref.	Part Number	Qty.	Description
21	139-0686	1	Rain Cap ASM
22	106-5241	1	Hose-Cleaner, Air
23	2412-130	3	Clamp-Hose
24	110-9009-03	1	Bracket-Cable, Throttle
25	112-9919	1	Stop-Cable, Throttle
26	32105-13	1	Screw-HWH
27	3296-2	1	Nut-Lock, NI
28	3296-20	1	Nut-Lock, NI
29	63-7790	1	Screw-Cap
30	81-1690	1	Clamp-Cable
31	98-9311	1	Swivel-Throttle
32	99-5132	1	Bolt
33	117-7950	1	Manifold-Exhaust
34	136-2267	1	Hose-Air Cleaner
35	2412-102	1	Clamp-R
36	131-3319-03	1	Bracket-Mount, Air Intake
37	47-3460	1	U-Bolt
38	104-8301	2	Nut-HF, NI
39	3234-29	3	Screw-HHF
40	3256-3	2	Washer-Flat
46	322-6	2	Screw-HH



Engine, Exhaust and Air Cleaner Assembly (continued)

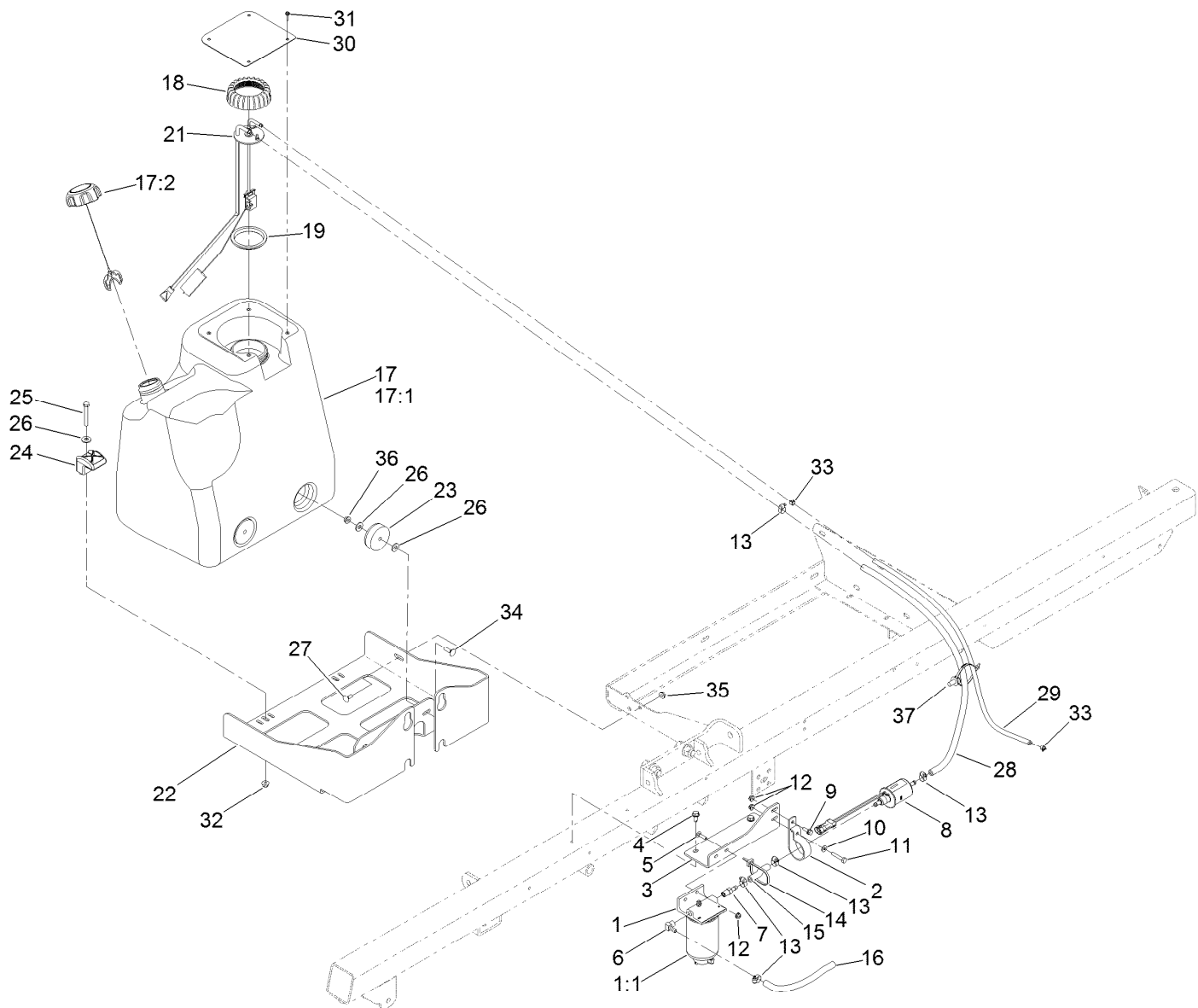
Ref.	Part Number	Qty.	Description
47	130-7177	1	Shroud-Undercarriage
50	106-5517	1	Decal-Warning
51	32128-20	1	Nut-HF

Ref.	Part Number	Qty.	Description
52	115-7721	2	Nut-Clip, U
53	125-9622	3	Rivet-Blind



Air Cleaner Assembly No. 106-5277

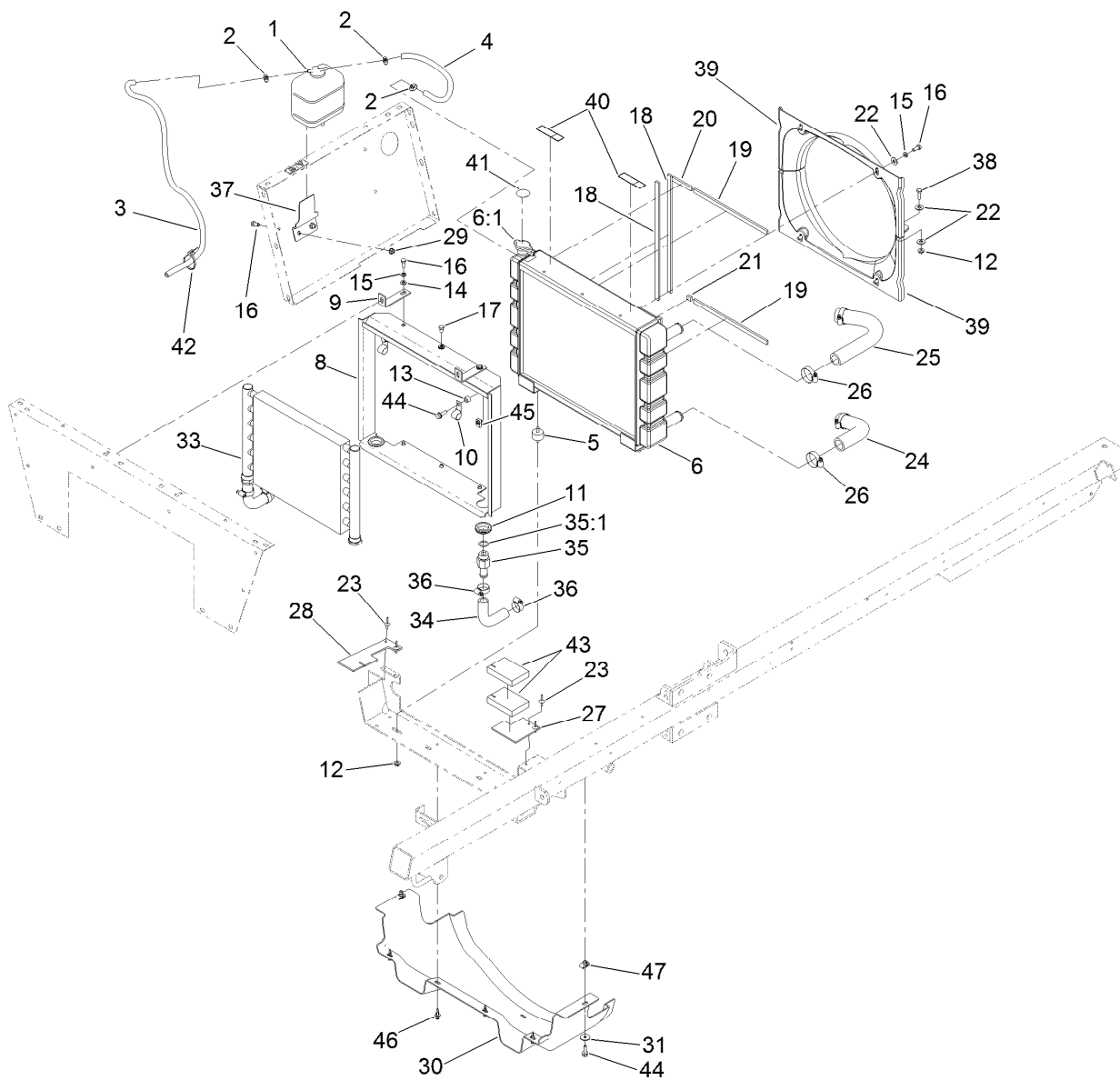
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Fuel Tank Assembly

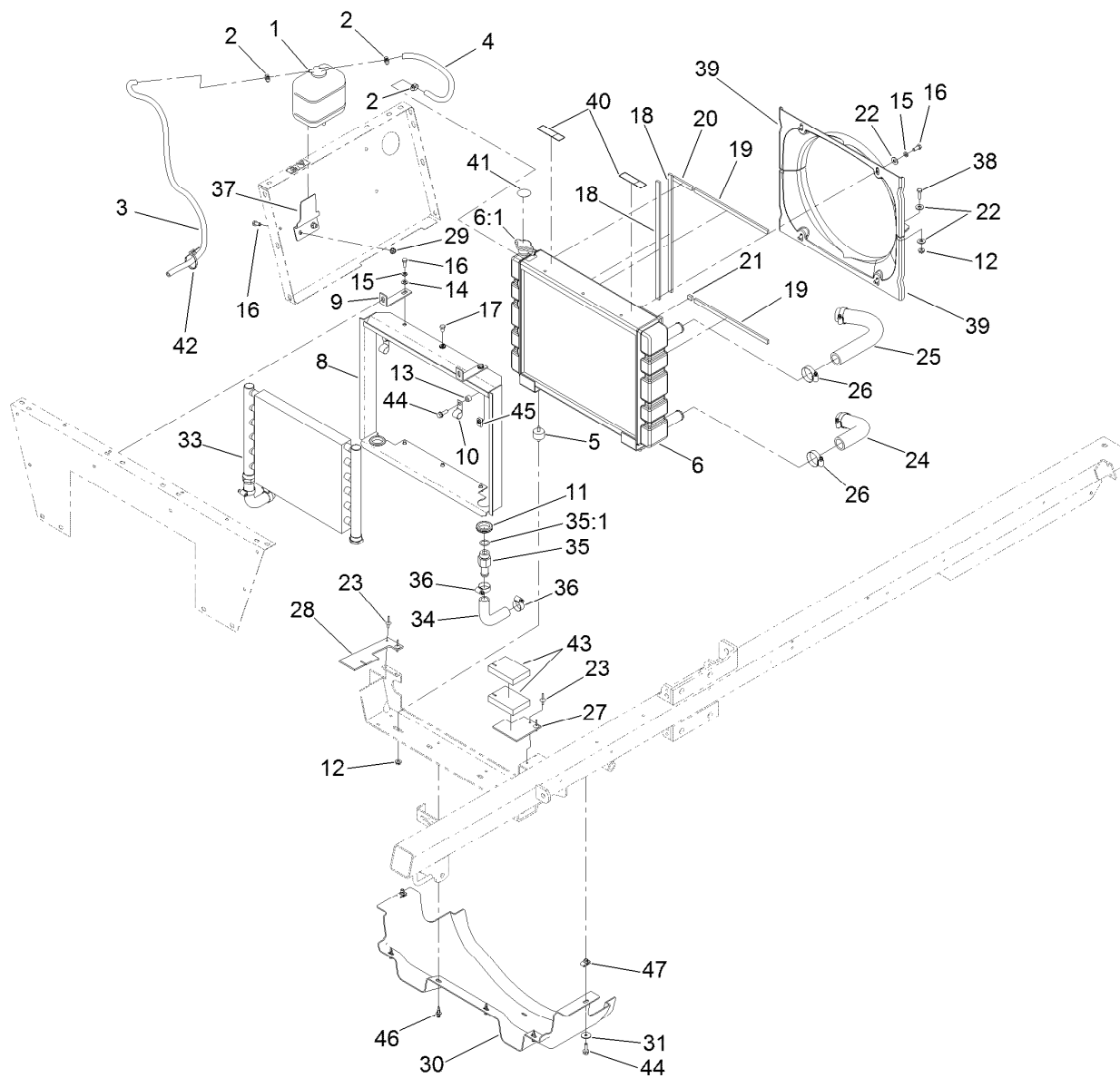
Ref.	Part Number	Qty.	Description
1	110-9044	1	Separator-Filter
1:1	110-9049	1	Filter-Spin On
2	110-8817	1	Bracket-Pump, Fuel
3	130-7126-03	1	Plate-Fuel, Diesel
4	32104-32	2	Screw-HWH
5	3229-2	2	Screw-CARR
6	353-781	1	Fitting-HYD, 90
7	353-783	1	Fitting-STR
8	110-8806	1	Pump-Fuel
9	3234-4	1	Screw-HHF
10	3256-22	1	Washer-Flat
11	321-9	1	Screw-HH
12	104-7201	4	Nut-HF
13	2412-108	5	Clamp-Worm
14	3290-378	1	Tie-Cable
15	110-0462	1	Hose-Fuel
16	110-4107	1	Hose-Fuel
17	132-7692	1	Fuel Tank ASM
17:1	132-7691	1	Tank-Fuel
17:2	117-5894	1	Fuel Cap ASM

Ref.	Part Number	Qty.	Description
18	115-2162	1	Cap-Pump, Fuel
19	115-2163	1	Gasket-Pump, Fuel
21	132-7619	1	Sender-Fuel
22	131-9550-03	1	Bracket-Tank, Fuel Tank
23	108-1605	2	Bumper-Recess
24	107-4543	2	Clamp
25	322-11	2	Screw-HH
26	3256-3	6	Washer-Flat
27	3230-1	1	Bolt-CARR
28	110-6186	1	Hose-Fuel
29	110-3254	1	Hose-Fuel
30	127-8971-03	1	Cover-Tank, Fuel
31	98-1375	4	Screw-HWH
32	104-8300	2	Nut-HF, NI
33	2412-80	2	Clamp-Hose
34	3230-2	2	Bolt-CARR
35	32128-20	1	Nut-HF
36	32128-25	2	Nut-HF
37	32180-031	1	Clip-Tree (W/Tie)



Radiator Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	108-0638	1	Bottle-Overflow	22	3256-56	8	Washer-Flat
2	92-2379	3	Clamp-Hose	23	3269-18	4	Rivet-Blind
3	109-0309	1	Hose-Fuel	24	119-4992	1	Hose-Radiator
4	106-1126	1	Hose-Fuel	25	106-5239	1	Hose-Radiator, Upper
5	62-5480	2	Isolater-Seat	26	2412-111	4	Clamp
6	138-6160	1	Radiator	27	136-2315	1	Baffle-Heat
6:1	1-643161	1	Cap-Radiator	28	119-5037	1	Baffle-Heat, RH
8	138-9584-03	1	Shroud-Radiator	29	104-8300	2	Nut-HF, NI
9	106-5185	2	Brace-Radiator	30	119-9393	1	Shield-Front Heat, Engine
10	2412-150	2	Clip-J	31	3256-82	2	Washer-Flat
11	240-3	2	Grommet-Rubber	33	94-7007	1	Cooler-Oil
12	32128-20	4	Nut-HF	34	125-5880	2	Hose-Cooler, Oil
13	98-4695	2	Spacer	35	112-7835	2	Ftg-STR, Spcl
14	3256-23	6	Washer-Plain	35:1	237-81	1	O-Ring
15	3253-4	10	Washer-Lock	36	2412-129	4	Clamp-Hose
16	322-3	4	Screw-HH	37	130-7102-03	1	Bracket-Reservoir
17	322-1	4	Screw-HH	38	322-5	2	Screw-HH
18	107-8675	4	Seal-Foam	39	106-5290	2	Shroud-Fan
19	107-8676	2	Seal-Foam	40	120-0627	2	Decal-Warning
20	107-8677	2	Seal-Foam	41	106-6755	1	Decal-Cap, Radiator
21	107-8678	2	Seal-Foam	42	3290-378	1	Tie-Cable



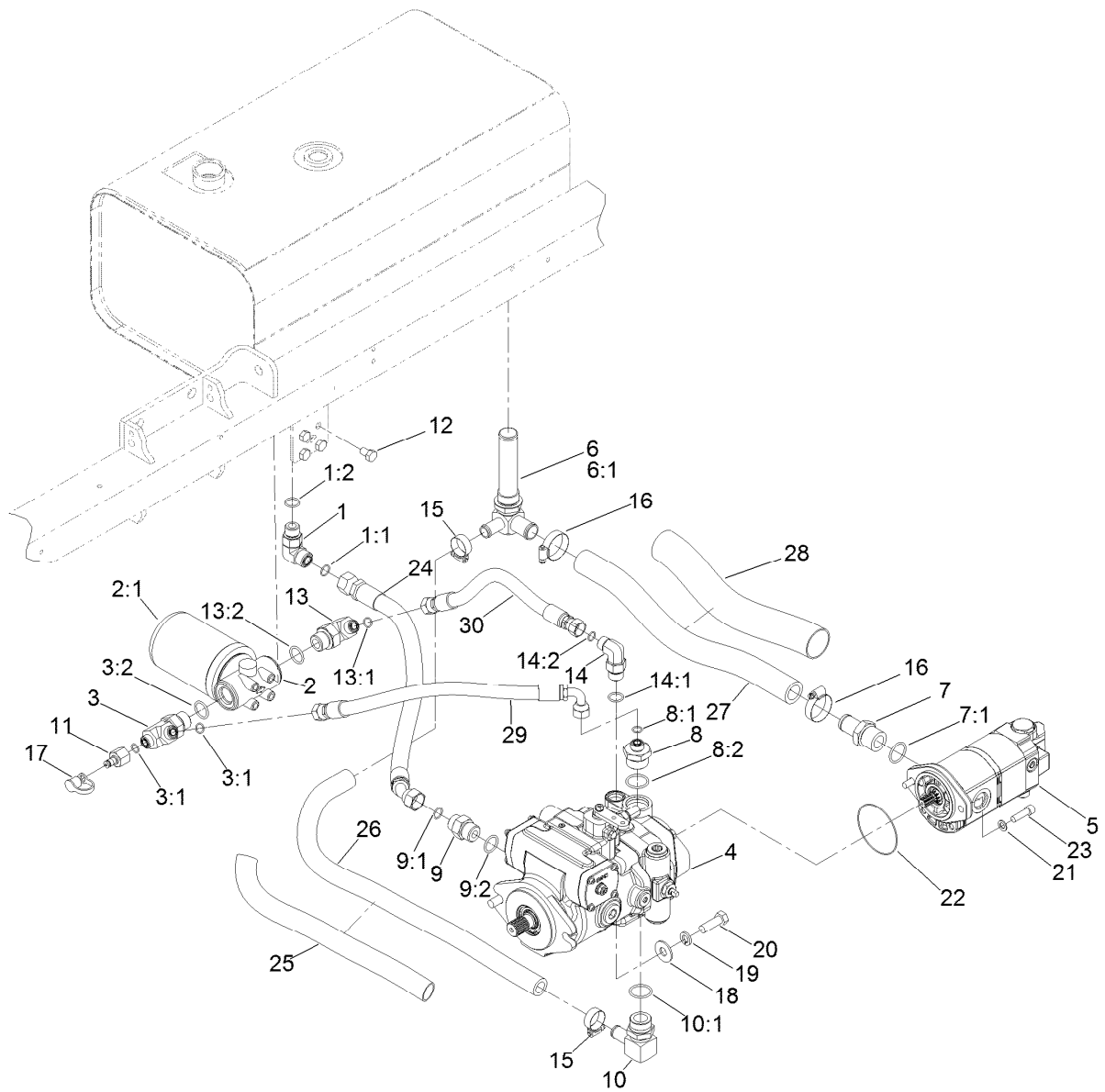
Radiator Assembly (continued)

Ref.	Part Number	Qty.	Description
43	136-2316	2	Baffle-Foam
44	3234-29	4	Screw-HHF
45	94-2413	2	Nut-U

Ref.	Part Number	Qty.	Description
46	125-9622	4	Rivet-Blind
47	115-7721	2	Nut-Clip, U



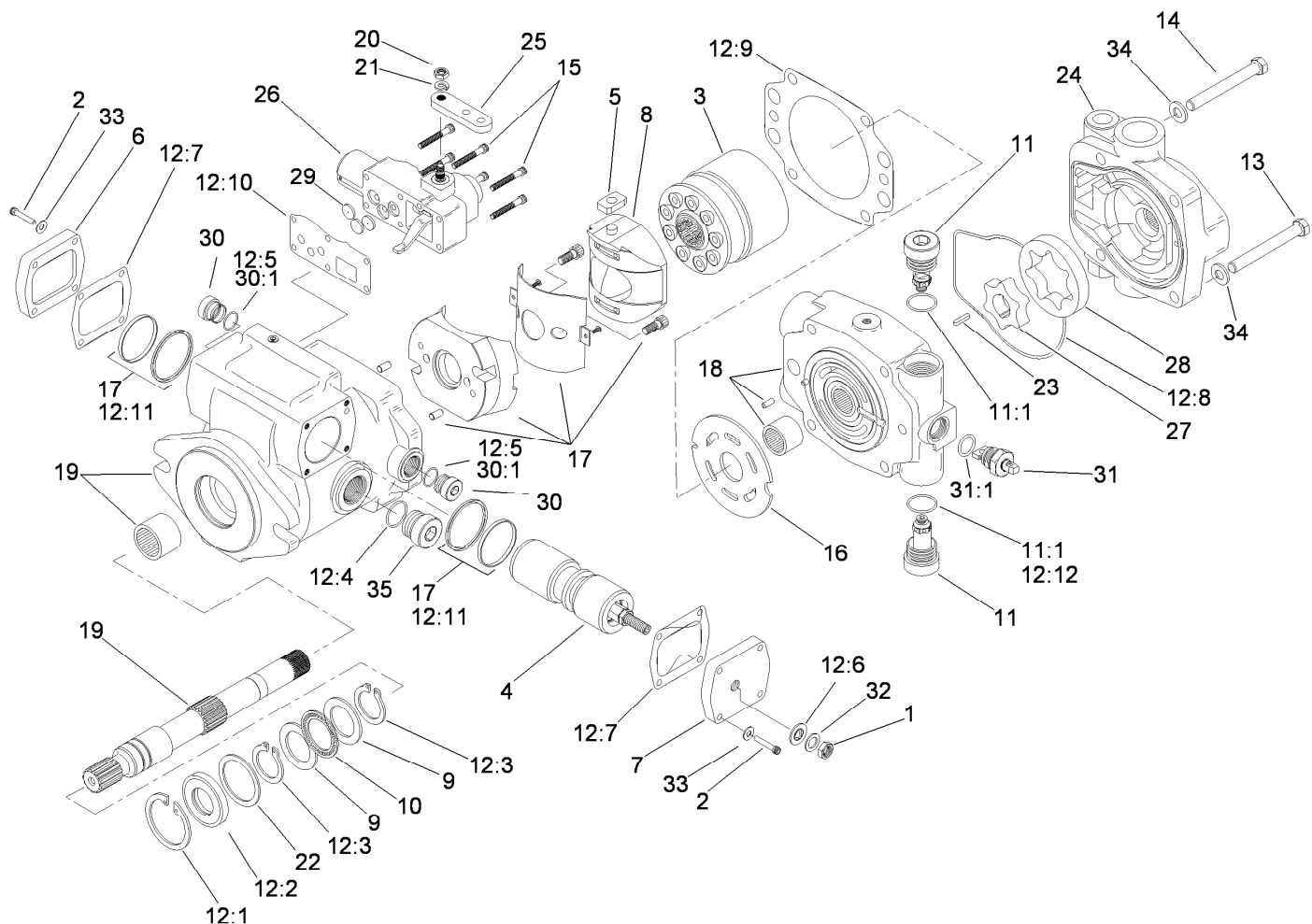
Ref.	Part Number	Qty.	Description
10:1	237-117	1	O-Ring
11	100-5616	1	Fitting
12	33115-016	4	Screw-HH
13	340-131	1	Fitting-HYD, 90 DEG
13:1	237-30	1	O-Ring
13:2	237-81	1	O-Ring
14	340-105	1	Fitting-Elbow, 90 DEG
14:1	237-80	1	O-Ring
14:2	237-30	1	O-Ring
15	2412-129	2	Clamp-Hose
16	2412-111	2	Clamp
17	354-79	1	Cap-Dust
18	3256-6	2	Washer-Flat
19	3253-7	2	Washer-Lock
20	325-6	2	Screw-HH
21	60-3540	2	Washer
22	60-3520	1	O-Ring
23	3274-1	2	Screw-HSH
24	112-2561	1	Hose-HYD
25	94-3688	1	Sleeve-Protective
26	119-5045	1	Hose-Suction



Hydraulic Pump and Filter Assembly (continued)

Ref.	Part Number	Qty.	Description
27	117-0681	1	Hose ASM
28	107-3589	1	Sleeve-Hose

Ref.	Part Number	Qty.	Description
29	117-0686	1	Hose-HYD
30	117-0729	1	Hose ASM



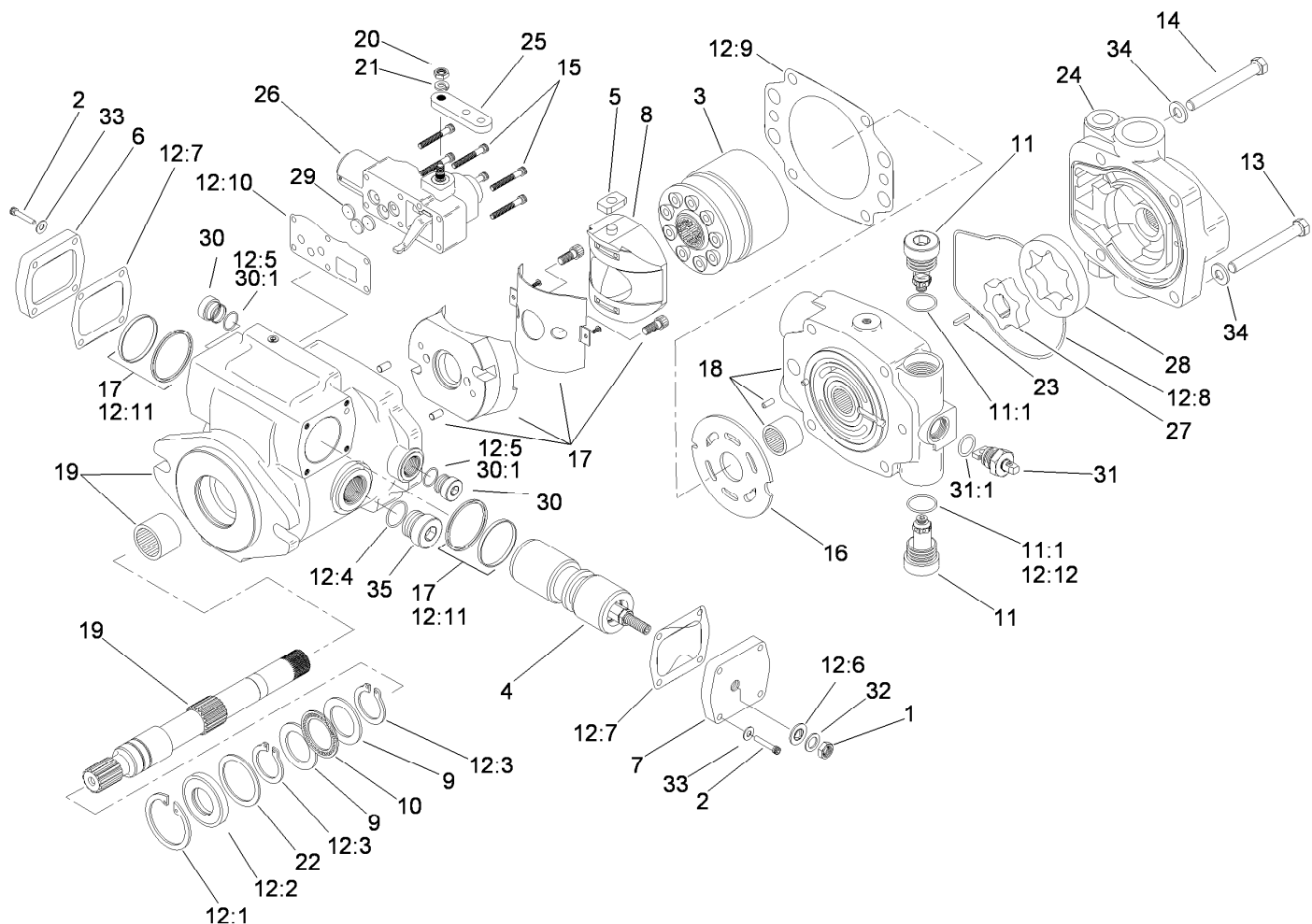
Piston Pump Assembly No. 117-0685

Ref.	Part Number	Qty.	Description
1	3220-3	1	Nut-HJ
2	93-6337	8	Screw
3	99-8701	1	Rotating Kit
4	105-2856	1	Piston-Servo
5	94-3032	1	Follower-Piston
6	94-3033	1	Plate-Cover
7	105-9853	1	Plate-Cover
8	94-3026	1	Camplate ASM
9	76-6950	2	Race-Thrust
10	76-6960	1	Bearing-Thrust
11	105-2858	2	Valve-Relief
11:1		1	O-Ring ■
12	107-1561	1	Seal Kit ●
12:1	60-6260	1	Ring
12:2	105-3331	1	Seal-Shaft
12:3	76-7000	2	Ring-Retaining
12:4		2	O-Ring ■
12:5	93-6314	2	O-Ring ●

Ref.	Part Number	Qty.	Description
12:6	94-3027	1	Washer-Seal
12:7	93-6339	2	Gasket
12:8	105-2905	1	O-Ring ●
12:9	105-2900	1	Gasket-Housing
12:10	105-2901	1	Gasket-Housing, Control
12:11		2	Seal ASM ■
12:12	74-9380	1	O-Ring ●
13	323-15	2	Screw-HH
14	323-16	2	Screw-HH
15	93-6324	6	Screw
16	99-8704	1	Plate-Valve
17		1	Housing ■
18	105-2904	1	Backplate
19	93-6344	1	Driveshaft
20	3217-5	1	Nut-Hex
21	3253-3	1	Washer-Lock
22	60-6240	1	Washer
23	93-6375	1	Key

● Not illustrated

■ Not serviced separately



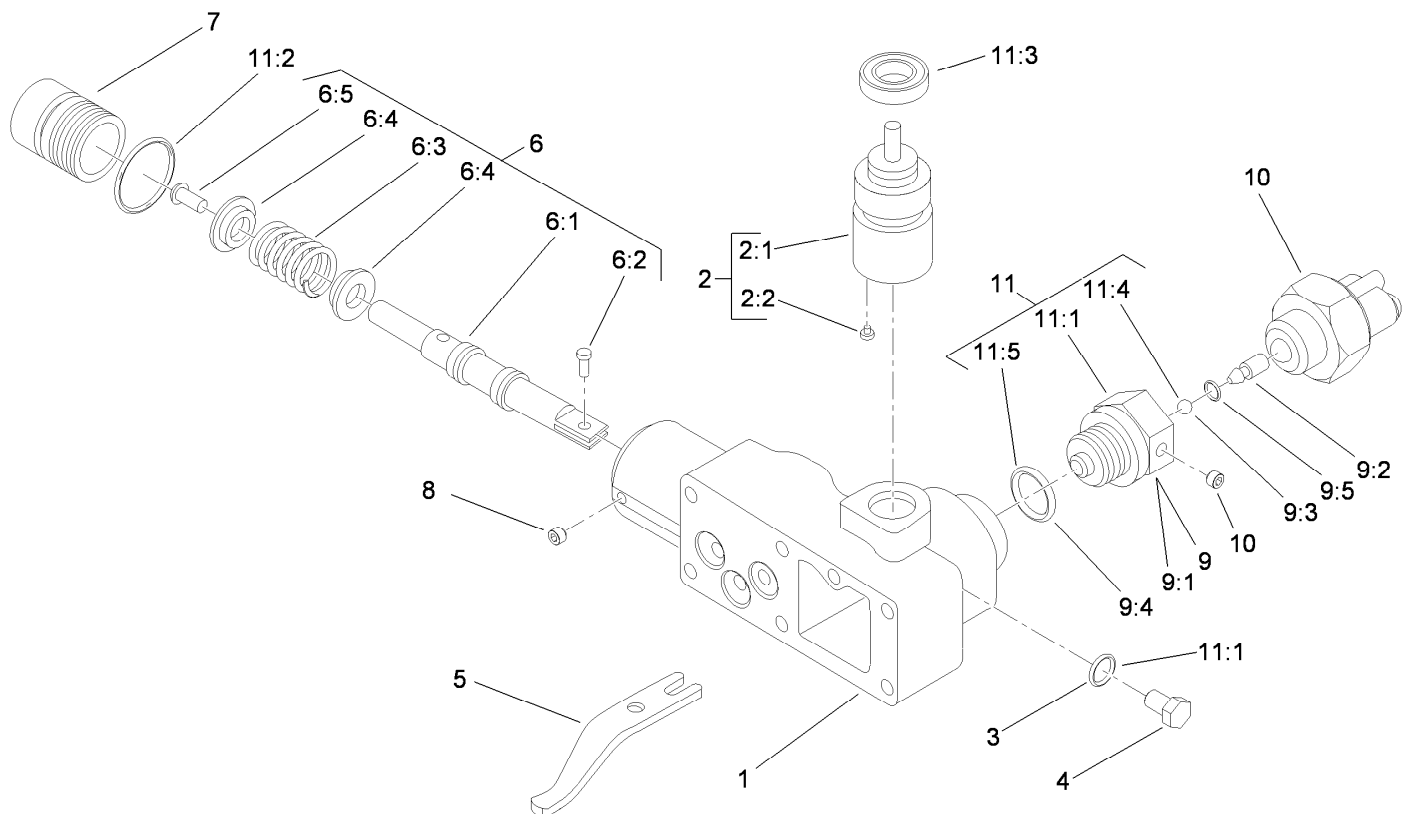
Piston Pump Assembly No. 117-0685 (continued)

Ref.	Part Number	Qty.	Description
24	95-2110	1	Adaptor
25	105-2862	1	Arm-Control
26	115-4446	1	Control-Servo, Manual
27	93-6365	1	Geroter-Inner
28	93-6364	1	Geroter-Outer
29	94-3041	3	Orifice-Control (.028 DIA)
30	74-9280	2	Plug ASM

Ref.	Part Number	Qty.	Description
30:1		1	O-Ring ■
31	105-2913	1	Valve-Bypass
31:1		1	O-Ring ■
32	94-3030	1	Washer
33	93-6336	8	Washer
34	3256-24	4	Washer-Flat
35		1	Plug ASM ■

● Not illustrated

■ Not serviced separately

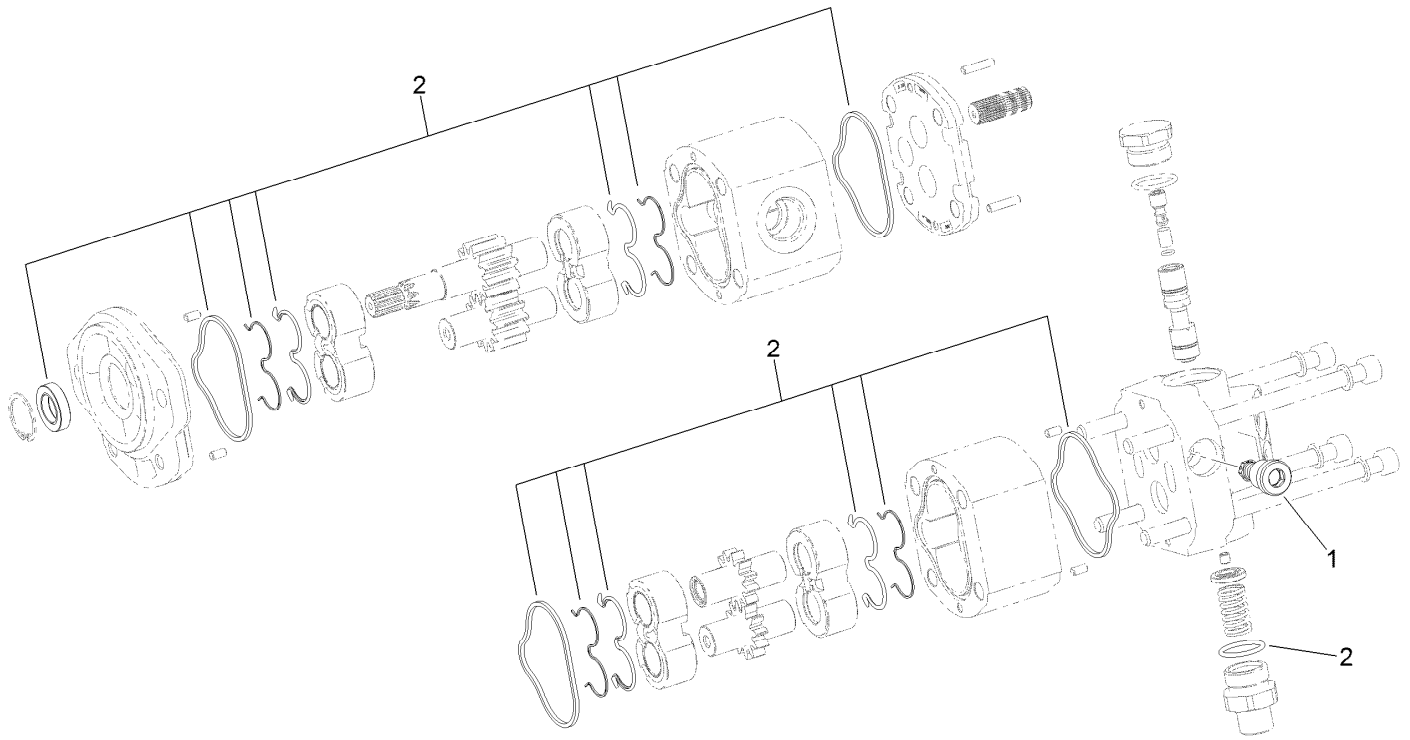


Control Assembly No. 115-4446

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 ●

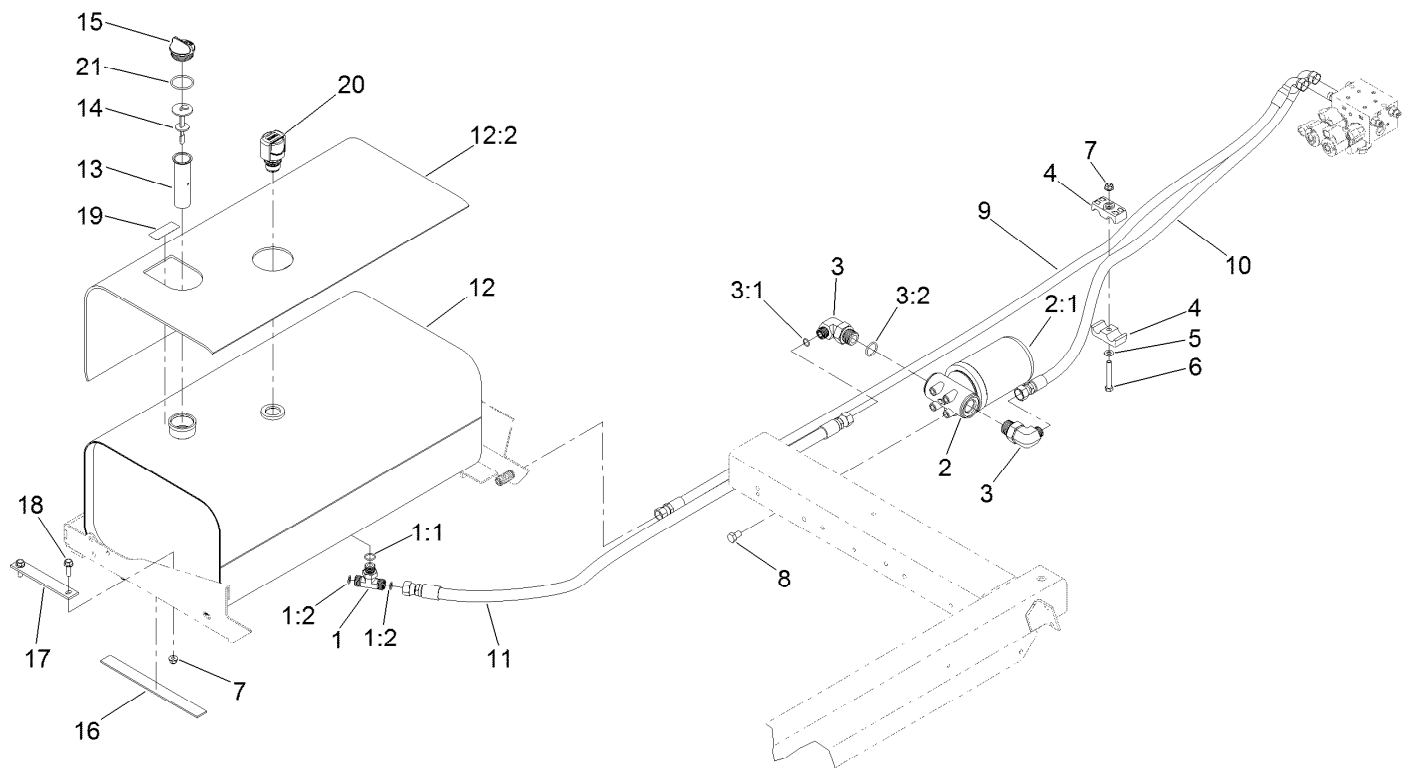
Ref.	Part Number	Qty.	Description
8		2	Screw-Set ●
9	108-8003	1	Adaptor ASM
9:1		1	Adaptor-Lockout, Neutral ●
9:2		1	Pin ●
9:3		1	Ball ●
9:4		1	O-Ring ●
9:5		1	O-Ring ●
10	115-3795	1	Switch-Neutral
11	94-3044	1	Seal Kit
11:1	117-8979	1	Seal-Shaft
11:2	105-2901	1	Gasket-Housing, Control
11:3		1	O-Ring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

● Not serviced separately



Tandem Pump Assembly No. 138-6193

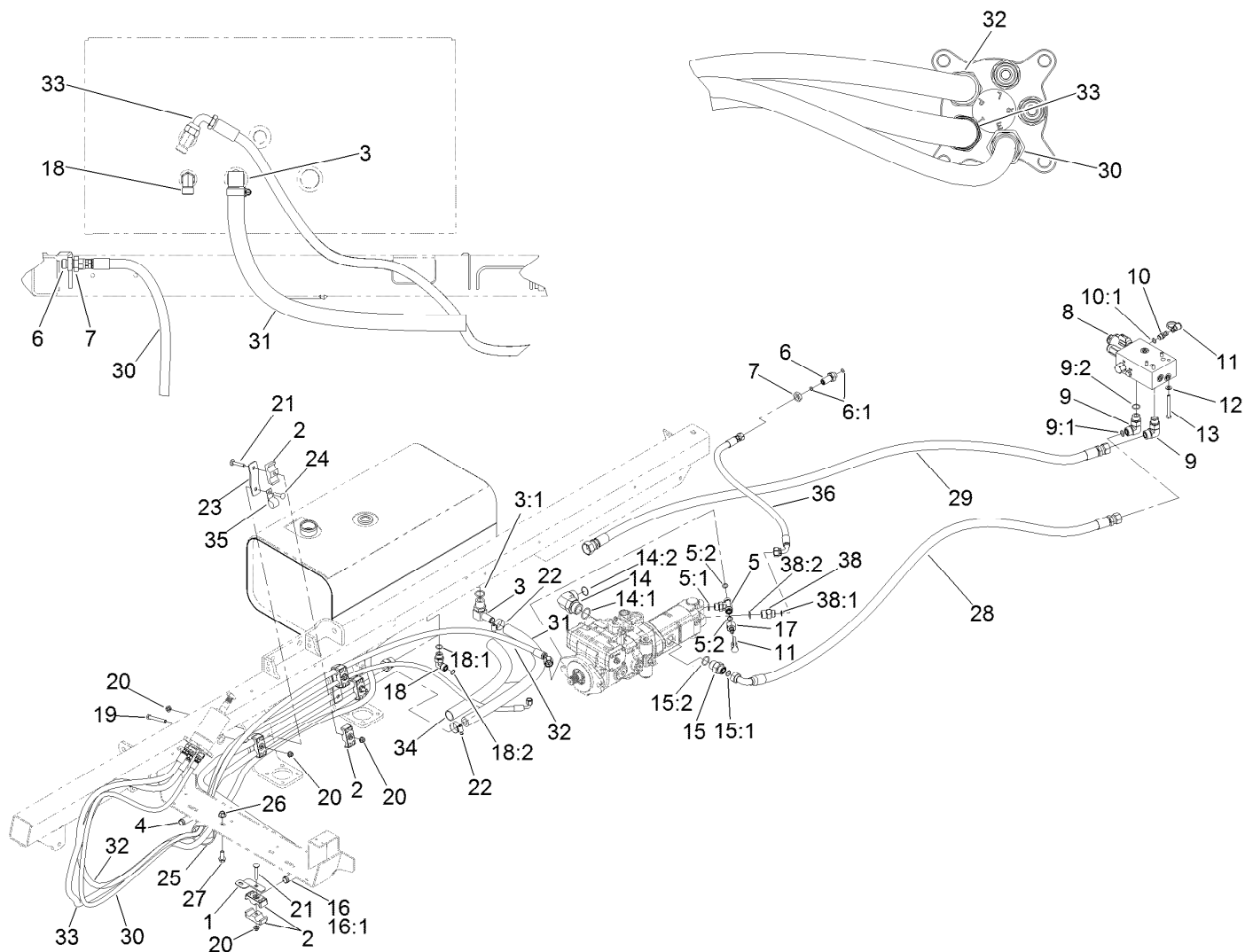
Ref.	Part Number	Qty.	Description
1	138-6257	1	Valve-Relief
2	138-6258	1	Seal Kit



Hydraulic Tank Assembly

Ref.	Part Number	Qty.	Description
1	340-157	1	Fitting-HYD, Tee
1:1	237-79	1	O-Ring
1:2	237-30	2	O-Ring
2	93-2242	1	Oil Filter ASM
2:1	75-1310	1	Filter-HYD
3	340-131	2	Fitting-HYD, 90 DEG
3:1	237-30	1	O-Ring
3:2	237-81	1	O-Ring
4	94-8105	2	Clamp-Tube
5	3256-23	1	Washer-Plain
6	322-11	1	Screw-HH
7	104-8300	5	Nut-HF, NI
8	33115-016	4	Screw-HH
9	119-0588	1	HYD Hose ASM

Ref.	Part Number	Qty.	Description
10	119-0587	1	HYD Hose ASM
11	106-3672	1	HYD Hose ASM
12	131-5799	1	Hydraulic Tank ASM
12:2	131-5787	1	Cover-Tank, Hydraulic
13	92-1705	1	Filter-Screen
14	105-2812	1	Dipstick
15	93-7498	1	Plug-Plastic
16	41995	2	Strip-Armflex
17	94-7068-03	2	Strap-Hold Down
18	3234-17	4	Screw-HHF
19	93-6686	1	Decal-Oil, HYD
20	115-9793	1	Breather
21	237-101	1	O-Ring

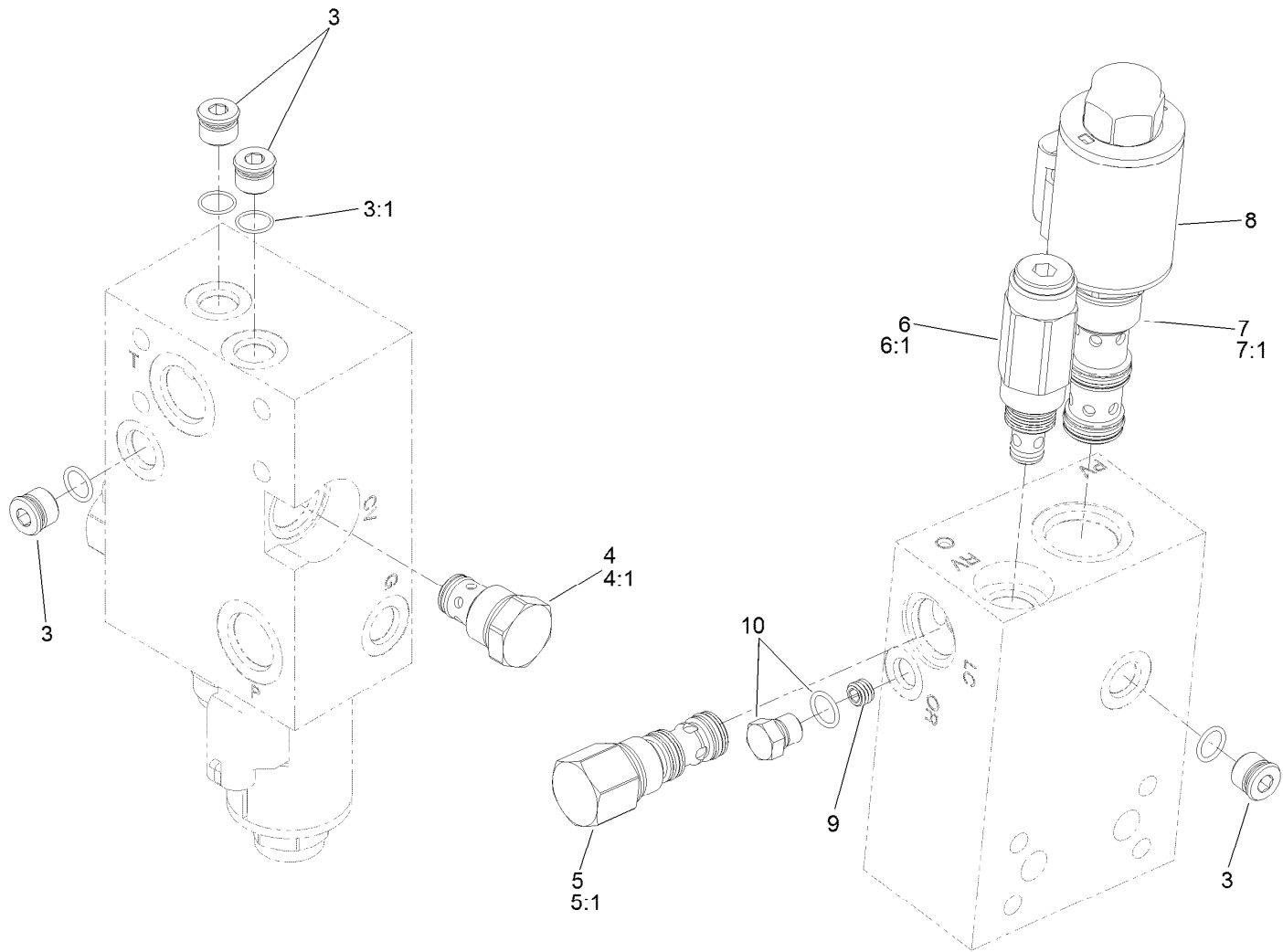


Hydraulic Pump and Filter Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	117-0723	1	Plate-Mount, Tube Clamp	14:1	237-146	1	O-Ring
2	94-8105	10	Clamp-Tube	14:2	340-65	1	O-Ring
3	353-987	1	Fitting-Elbow, 90	15	340-8	1	Fitting-Straight
3:1	237-81	1	O-Ring	15:1	237-65	1	O-Ring
4	117-0693	1	Hydraulic Tube	15:2	237-81	1	O-Ring
5	340-157	1	Fitting-HYD, Tee	16	125-5854	1	Tube ASM
5:1	237-79	1	O-Ring	16:1	237-58	1	O-Ring
5:2	237-30	2	O-Ring	17	100-5616	1	Fitting
6	340-71	1	Fitting-Straight, Bulkhead	18	340-98	1	Fitting-Elbow, 90 DEG
6:1	237-22	2	O-Ring	18:1	237-79	1	O-Ring
7	340-70	1	Nut-Lock	18:2	237-30	1	O-Ring
8	117-0708	1	Pump Control Valve ASM	19	322-13	2	Screw-HH
9	340-17	2	Fitting-Elbow, 90 DEG	20	104-8300	6	Nut-HF, NI
9:1	237-65	1	O-Ring	21	3230-6	3	Bolt-CARR
9:2	237-80	1	O-Ring	22	2412-129	2	Clamp-Hose
10	59-7410	1	Fitting-Diagnostic	23	117-0689	2	Plate-Mount, Tube Clamps
10:1	237-42	1	O-Ring	24	33-5790	1	Bolt-CARR
11	354-79	2	Cap-Dust	25	2412-102	1	Clamp-R
12	3256-23	4	Washer-Plain	26	32128-43	1	Nut-Flange
13	322-14	4	Screw-HH	27	3234-11	1	Screw-HHF
14	340-129	2	Fitting-Elbow, 90 DEG	28	117-0680	1	Hose ASM



<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
35	94-9580	1	Clamp-J
36	138-6196	1	Hose ASM
38	340-6	1	Fitting-Straight
38:1	237-30	1	O-Ring
38:2	237-80	1	O-Ring



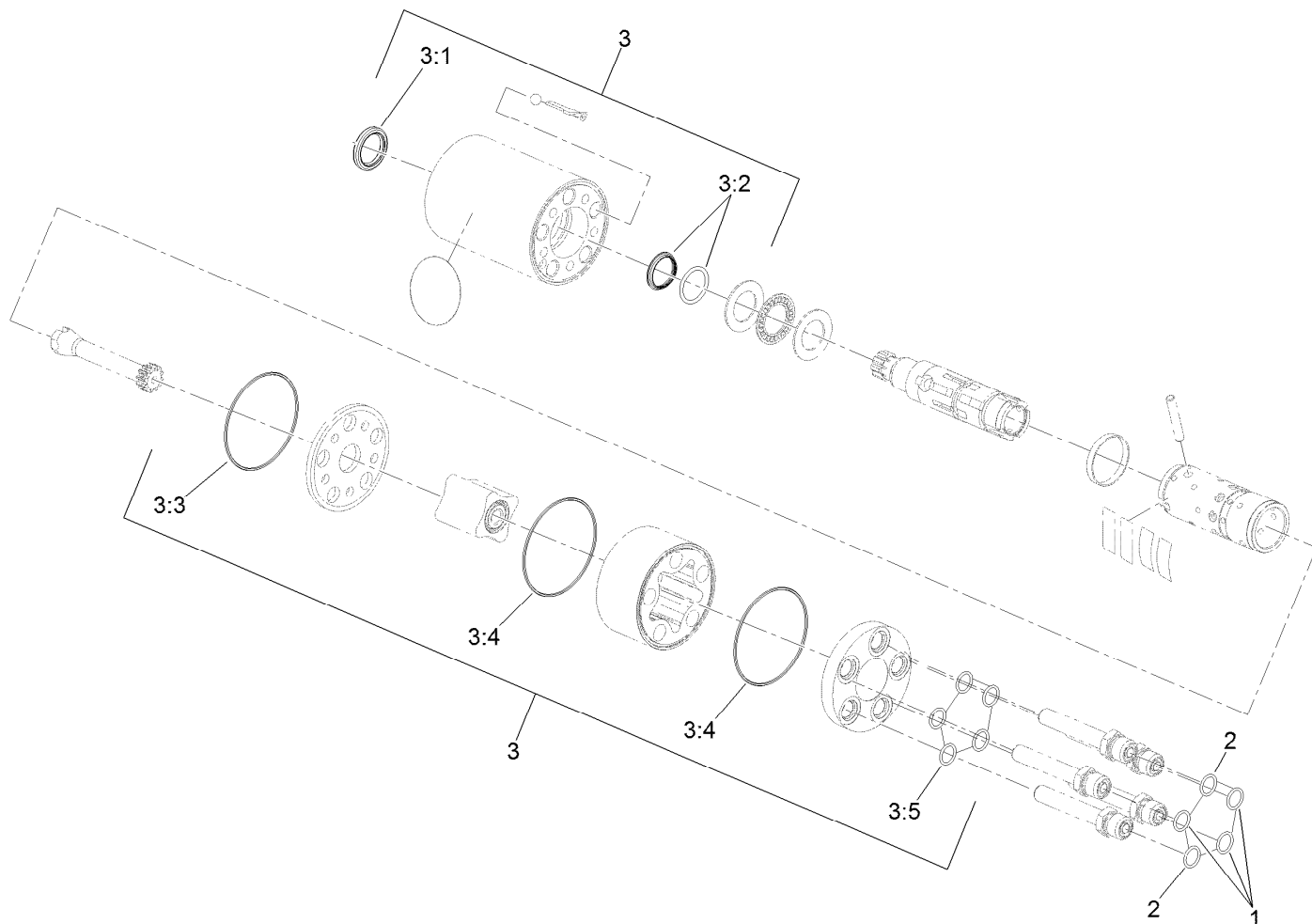
Pump Control Valve Assembly No. 117-0708

Ref.	Part Number	Qty.	Description
3	353-512	4	Plug
3:1	237-78	1	O-Ring
4	110-8881	1	Valve-Check
4:1	105-9159	1	Seal Kit ●
5	120-1660	1	Compensator-Pressure
5:1	107-7813	1	Seal Kit ●
6	117-8312	1	Valve-Relief
6:1	105-9156	1	Seal Kit
7	120-2590	1	Valve-Flow Control
7:1	114-5515	1	Seal Kit
8	120-2589	1	Coil-12Vdc
9	107-1987	1	Orifice-0.040
10	117-0115	1	Plug

● Not illustrated



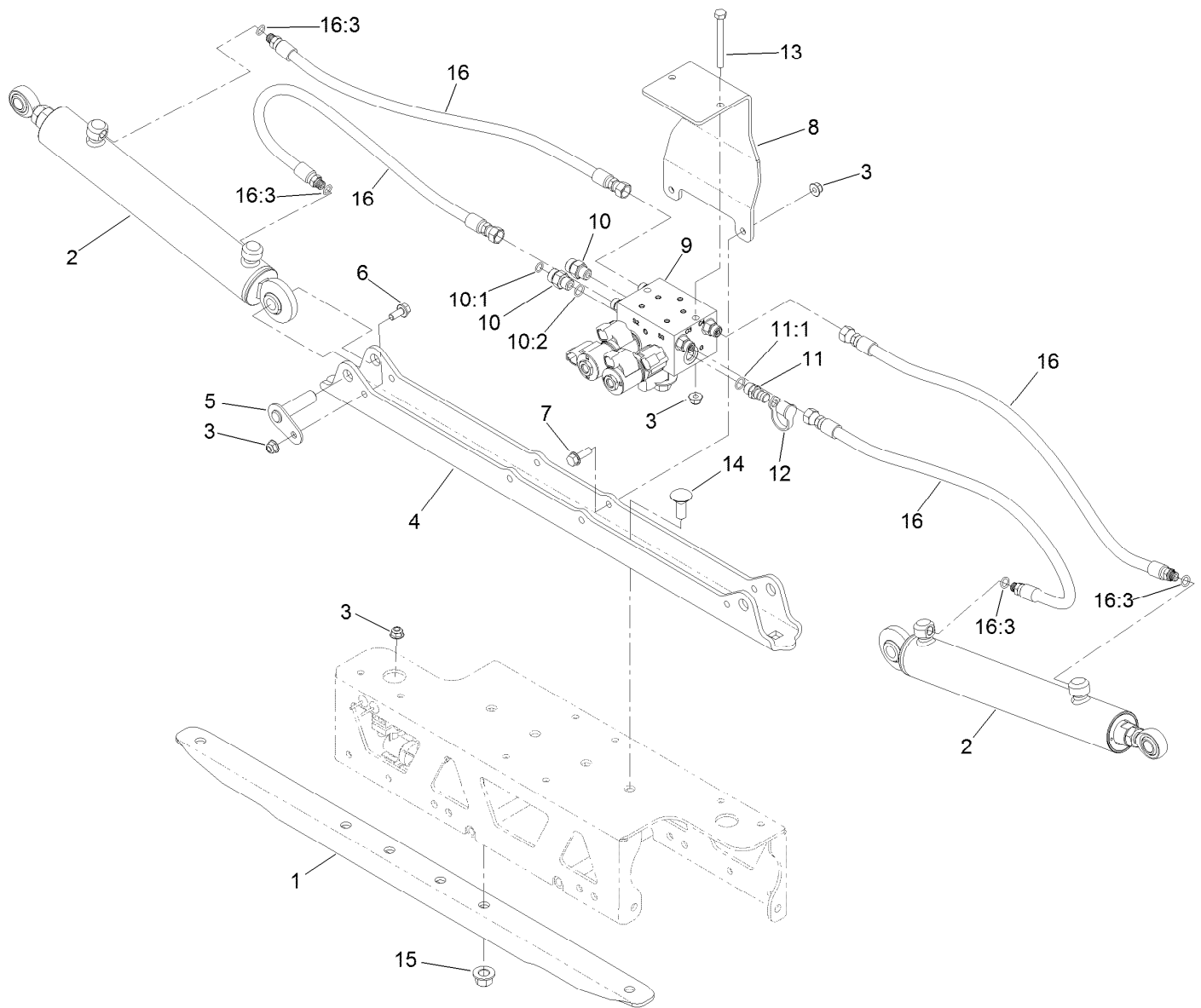
Ref.	Part Number	Qty.	Description
9:1	237-22	1	O-Ring
9:2	237-42	1	O-Ring
10	137-7509	1	Valve-Steering
11	33114-020	4	Screw-HH
12	117-0717	1	Hose ASM
13	117-0688	1	Hose ASM
14	106-6713	2	Cover-Lines, Steering
15	3290-379	7	Tie-Cable
17	130-8296	1	Sleeve-Steering Cover



Steering Valve Assembly No. 137-7509

Ref.	Part Number	Qty.	Description
1	237-21	3	O-Ring
2	237-22	2	O-Ring
3	106-6716	1	Seal Kit
3:1		1	Ring-Seal, Dust ●
3:2		1	Seal-Shaft ●
3:3		1	O-Ring ●
3:4		2	O-Ring ●
3:5		5	O-Ring ●

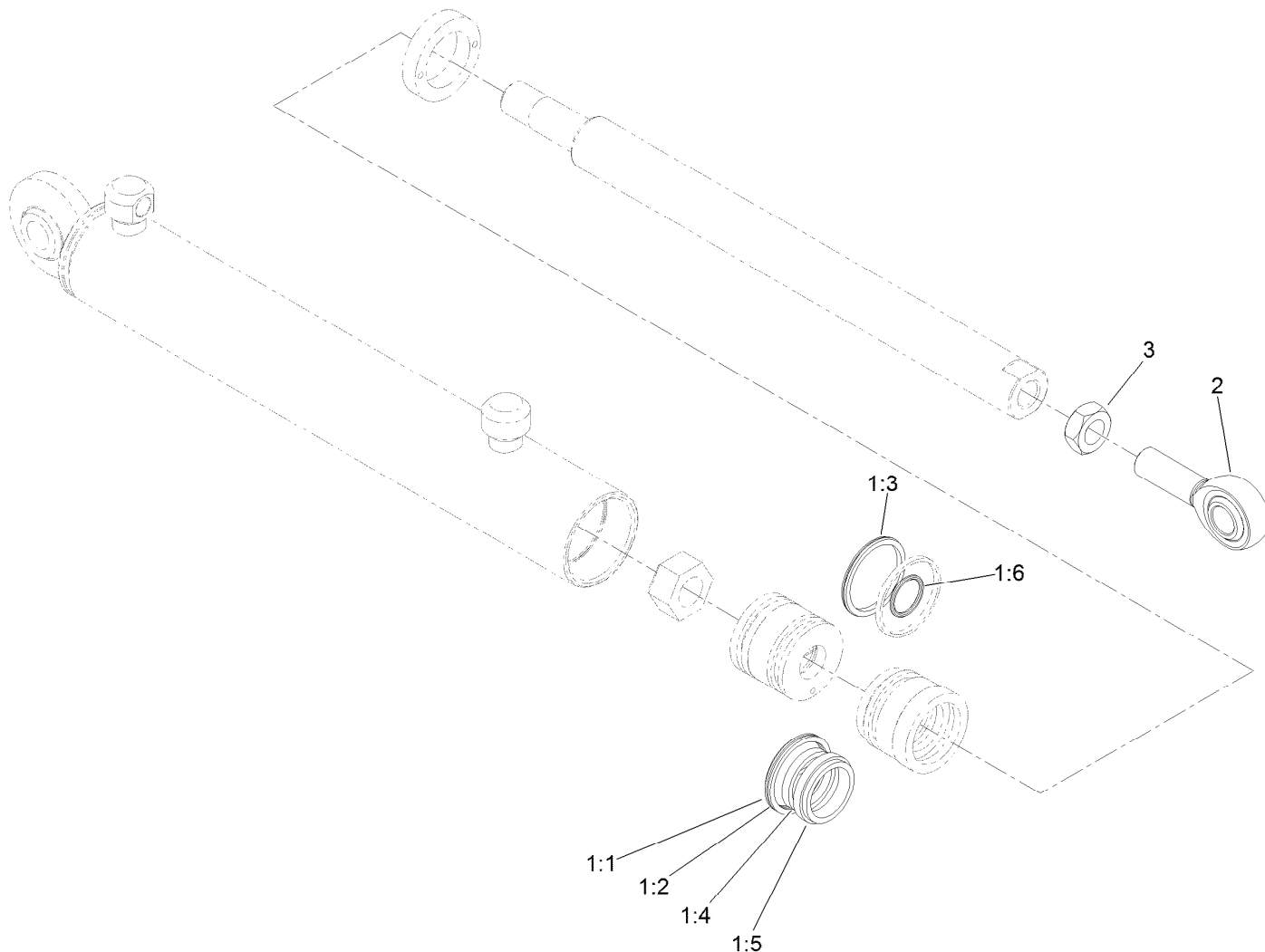
● Not serviced separately



Boom Lift Assembly

Ref.	Part Number	Qty.	Description
1	131-0285-03	1	Stiffener-Channel
2	117-0701	2	Hydraulic Cylinder ASM
3	104-8300	7	Nut-HF, NI
4	131-0275-03	1	Plate-Mount
5	112-7884	2	Pin-Pivot
6	110-5053	2	Screw-HHF
7	3234-29	2	Screw-HHF
8	130-8201-03	1	Mount-Valve
9	136-2400	1	On-Off Boom Lift Valve ASM
10	340-2	2	Fitting-Straight

Ref.	Part Number	Qty.	Description
10:1	237-22	1	O-Ring
10:2	237-42	1	O-Ring
11	59-7410	1	Fitting-Diagnostic
11:1	237-42	1	O-Ring
12	354-79	1	Cap-Dust
13	322-14	2	Screw-HH
14	110-5067	4	Screw-CARR
15	99-5107	4	Nut-Lock
16	131-0276	4	Hose ASM
16:3	237-78	1	O-Ring

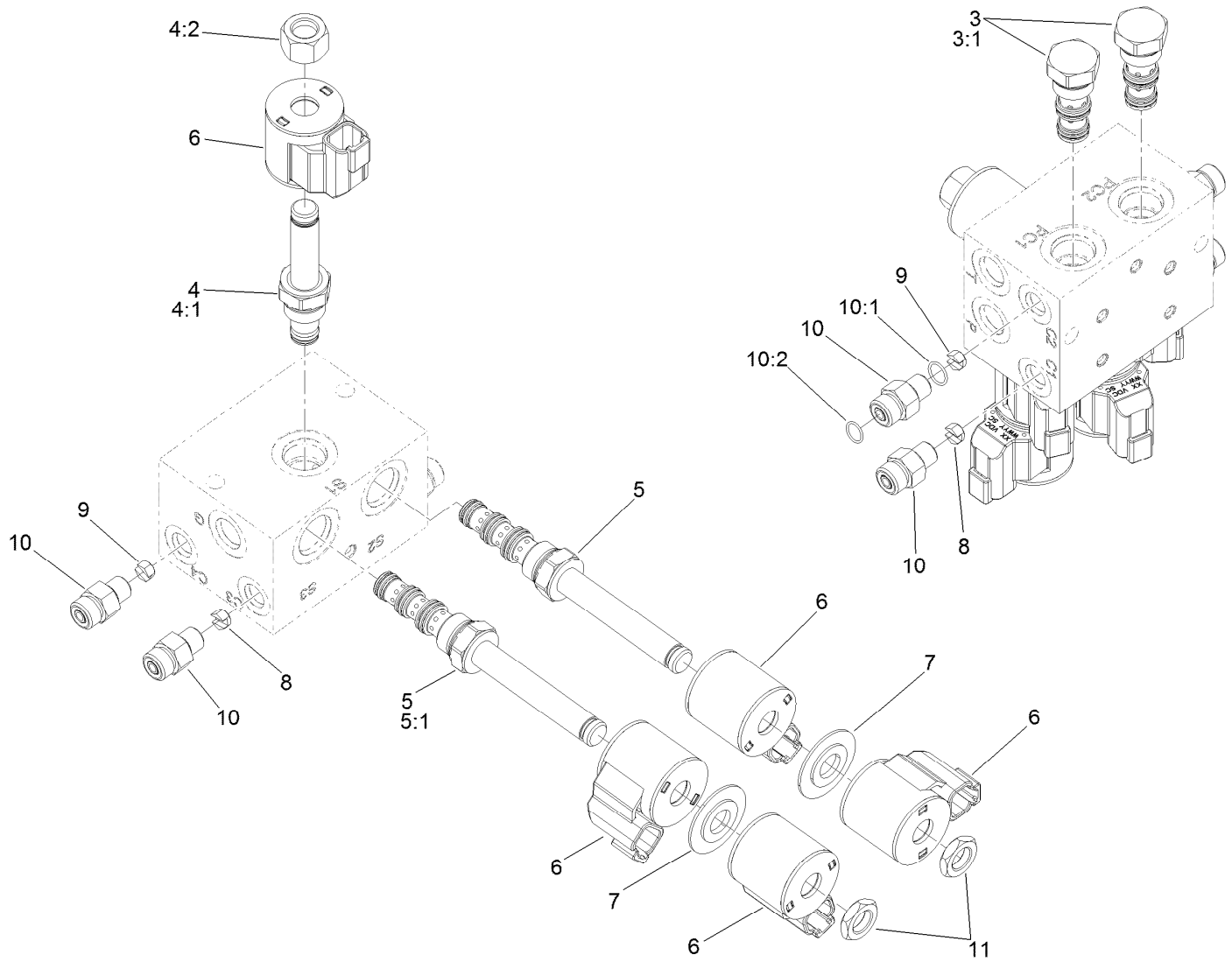


Hydraulic Cylinder Assembly No. 117-0701

Ref.	Part Number	Qty.	Description
1	119-8026	1	Seal Kit ●
1:1		1	O-Ring ■
1:2		1	Ring-Backup ■
1:3		1	Bp Seal ■
1:4		1	Bs Seal ■
1:5		1	Dust Seal ■
1:6		1	O-Ring ■
2	119-8027	1	Rod End
3	3220-6	1	Nut-Jam

● Not illustrated

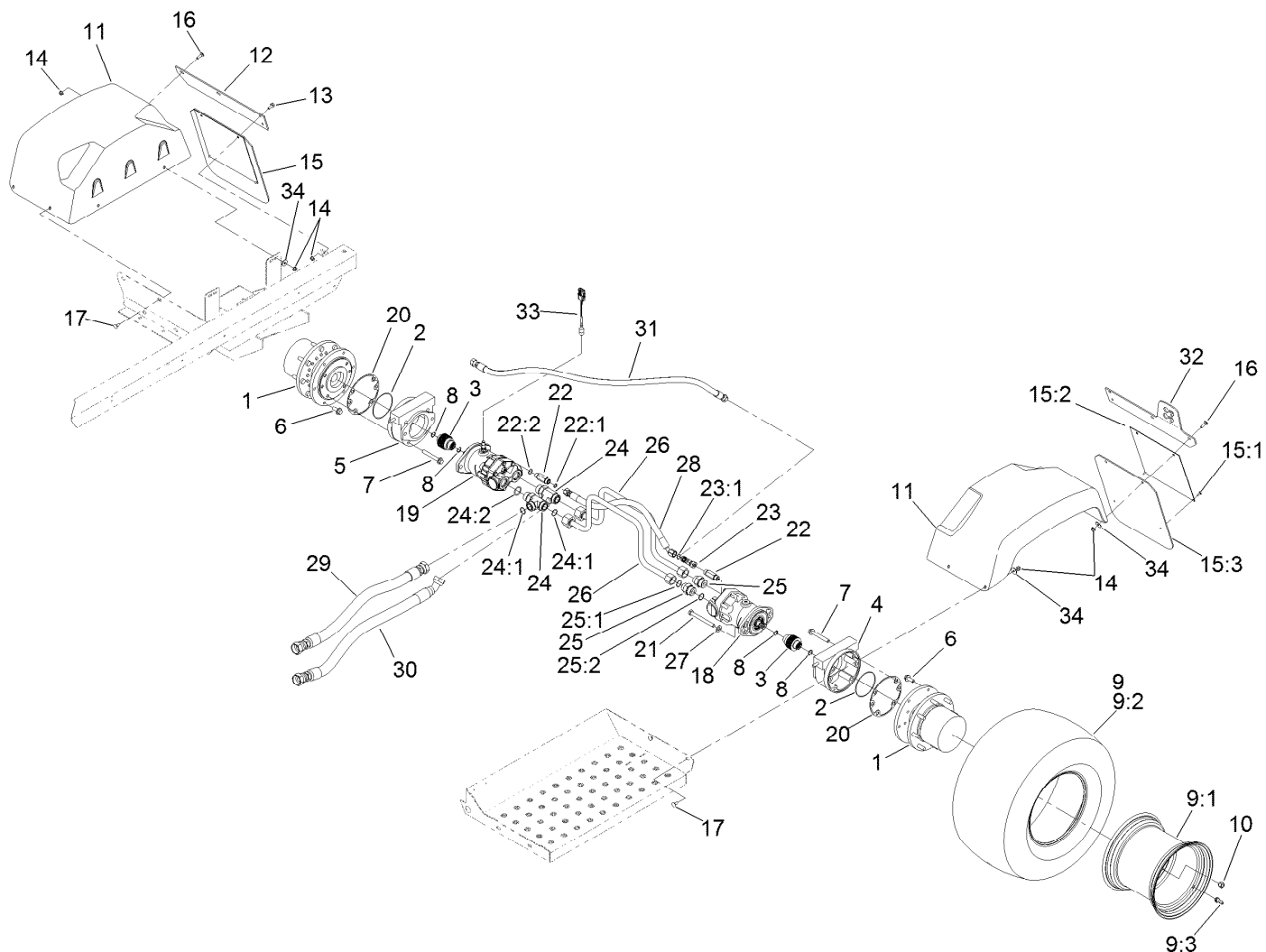
■ Not serviced separately



On-Off Boom Lift Valve Assembly No. 136-2400

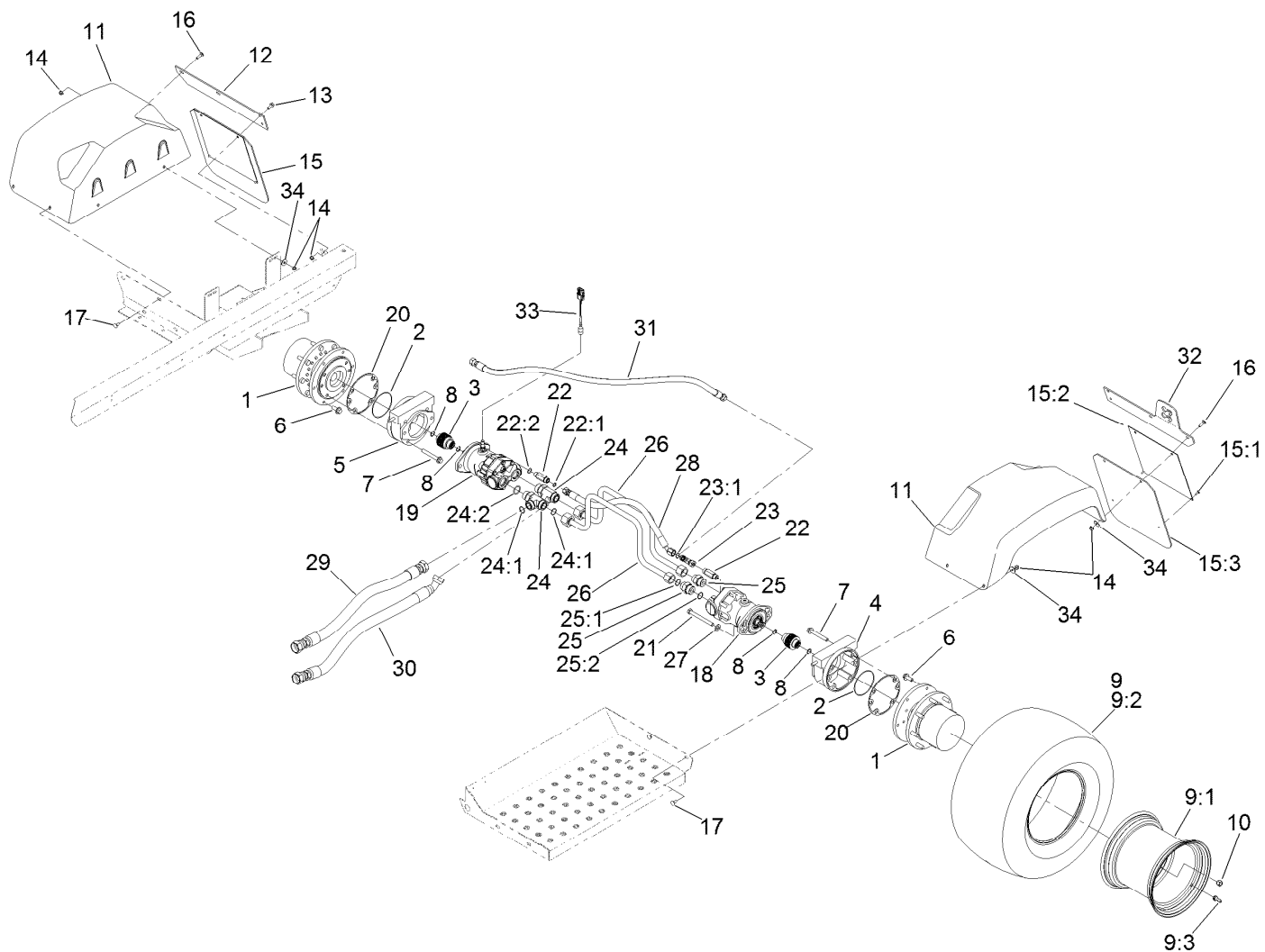
Ref.	Part Number	Qty.	Description
3	136-2430	2	Valve-Check, Po
3:1	120-0886	1	Seal Kit
4	107-7517	1	Valve-Solenoid
4:1	105-9156	1	Seal Kit
4:2	107-7812	1	Nut-Solenoid
5	120-2587	2	Valve-Solenoid
5:1	112-6520	1	Seal Kit ●
6	119-8036	5	Coil
7	120-2586	2	Spacer-Coil
8	110-8903	2	Orifice-Control, Flow (0.055)
9	125-8849	2	Orifice-Flow Control
10	340-92	4	Fitting-Straight
10:1	237-78	1	O-Ring
10:2	237-21	1	O-Ring
11	110-2634	2	Nut-Coil

● Not illustrated



Rear Drive Assembly

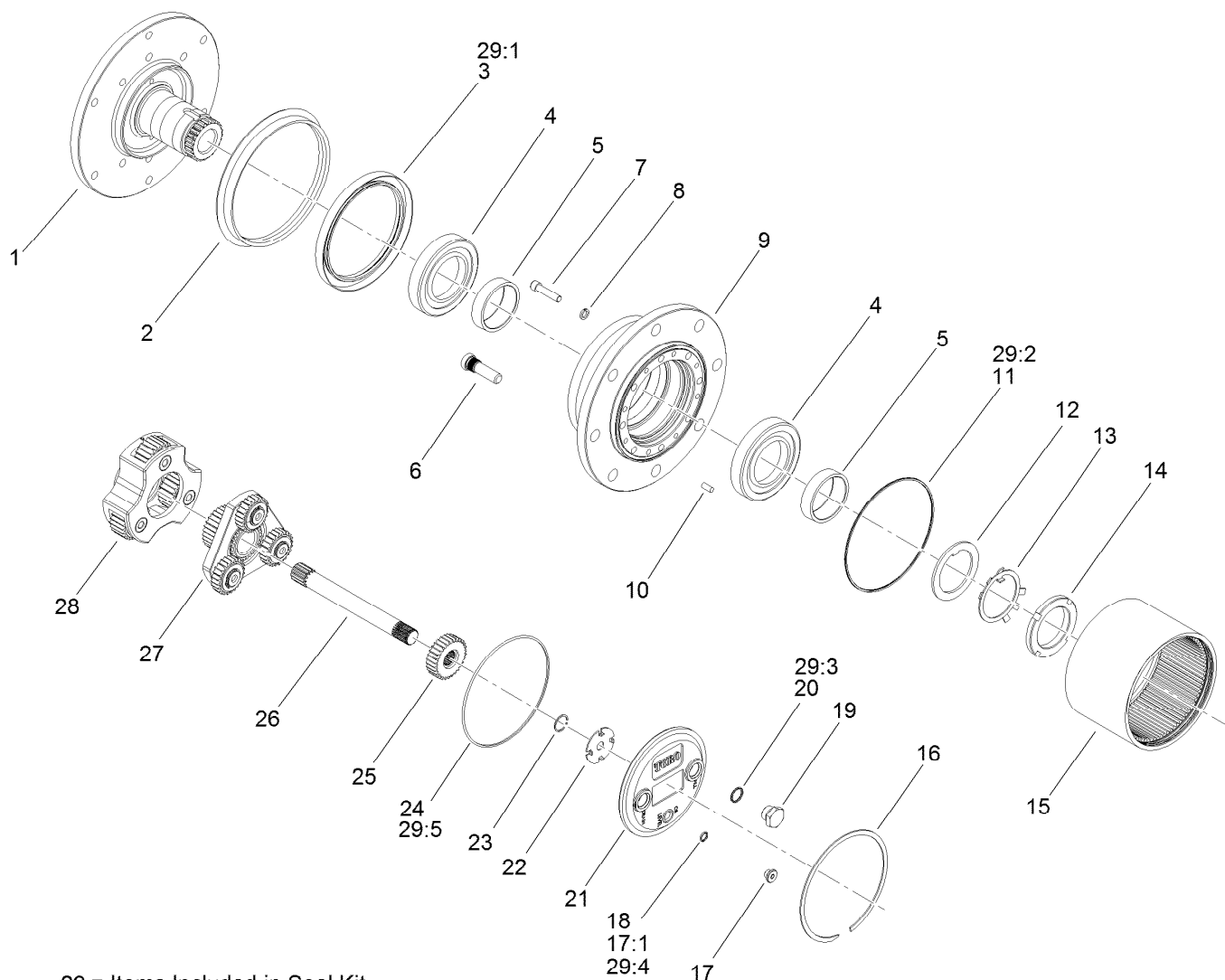
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	136-2913	2	Planetary ASM	16	3230-2	4	Bolt-CARR
2	237-166	2	O-Ring	17	3230-1	8	Bolt-CARR
3	100-3046	2	Shaft-Brake, Splined	18	132-5631	1	HYD Motor ASM
4	100-3069	1	RH Brake ASM	19	136-2373	1	Motor-Hydraulic (W/Speed Sensor)
5	100-3070	1	LH Brake ASM	20	93-7984	2	Gasket
6	33106-030	12	Screw-HHF	21	33116-110	4	Screw-HH
7	33106-080	8	Screw-HHF	22	119-4854	2	Fitting-STR
8	93-7972	4	Ring-Retaining, Internal	22:1	237-30	1	O-Ring
9	133-2744	2	Tire And Wheel ASM	22:2	237-79	1	O-Ring
9:1	133-2723	1	Wheel	23	340-104	1	Fitting-Tee
9:2	133-2724	1	Tire	23:1	237-30	2	O-Ring
9:3	232-27	1	Stem-Valve	24	104-3795	2	Fitting-Tee
10	242-50	16	Nut-Lug	24:1	340-65	2	O-Ring
11	93-6498	2	Fender-Rear	24:2	237-146	1	O-Ring
12	93-6528-03	1	Strap-Mount, Fender	25	340-91	2	Fitting-STR
13	3234-5	4	Screw-HHF	25:1	237-58	1	O-Ring
14	104-8300	16	Nut-HF, NI	25:2	237-146	1	O-Ring
15	94-7127	2	Splash Guard ASM	26	117-0674	2	Tube-Traction
15:1	114439	2	Rivet-Blind	27	33096-00	4	Washer-Flat
15:2	94-7128-03	1	Plate-Guard, Splash	28	131-9634	1	Hydraulic Hose ASM
15:3	94-7129	1	Guard-Splash				



Rear Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
29	120-8563	1	Hose ASM
30	120-8564	1	Hose ASM
31	119-0582	1	Hose ASM

Ref.	Part Number	Qty.	Description
32	136-2308-03	1	Support-Mount, Drain
33	136-2339	1	Harness-Wire, Adaptor
34	3256-82	12	Washer-Flat

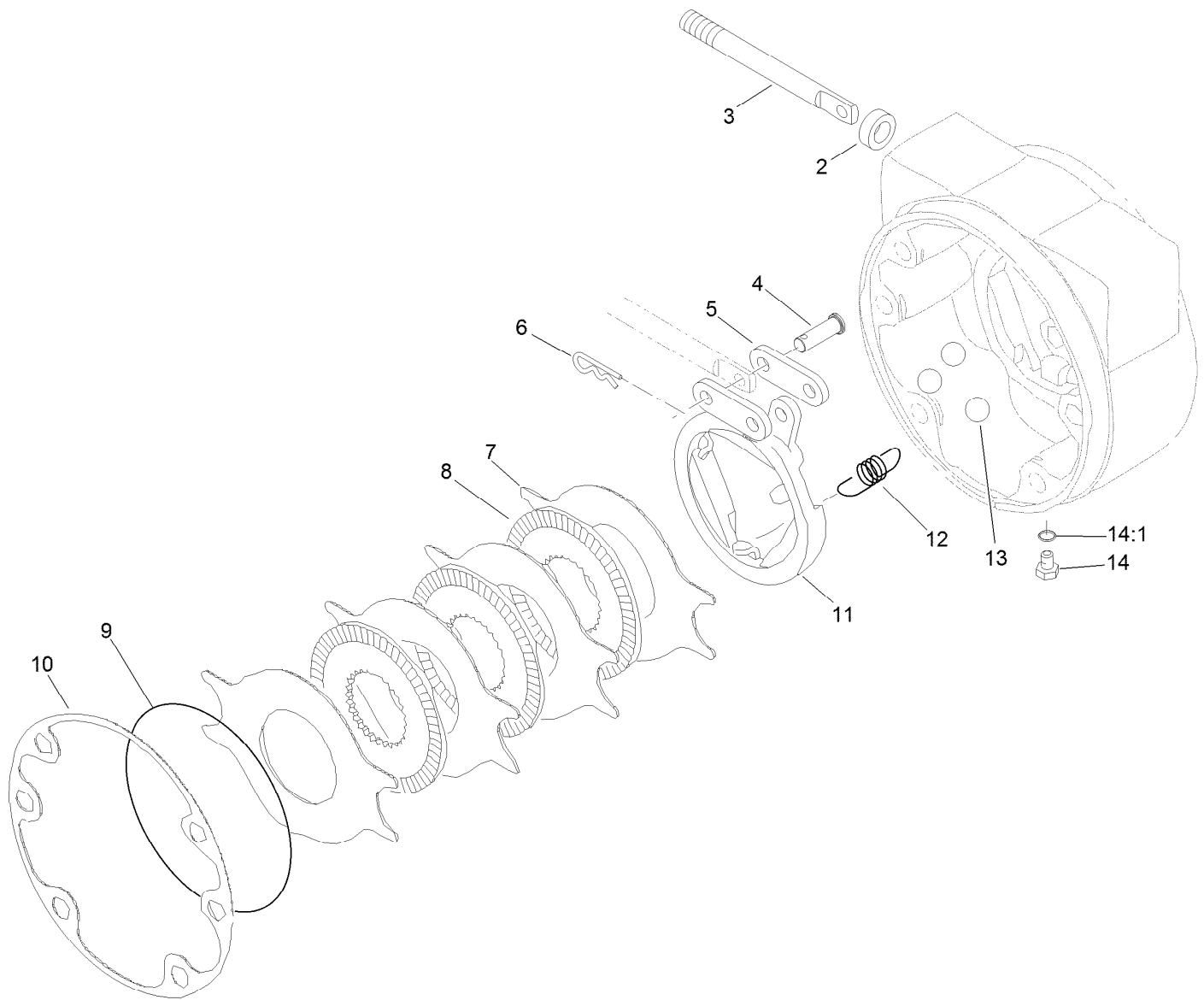


Planetary Assembly No. 136-2913

Ref.	Part Number	Qty.	Description
1		1	Spindle ●
2	138-1204	1	Seal-Boot
3		1	Seal-Lip ●
4	138-1205	2	Bearing-Cup
5	138-1206	2	Bearing-Cone
6	105-8124	8	Stud-Wheel
7	138-1207	8	Screw-Socket Head
8	138-1208	8	Washer-Lock
9		1	Housing ●
10	105-8121	4	Pin-Dowel
11		1	O-Ring ●
12	138-6928	1	Spacer
13	138-6929	1	Washer
14	138-6930	1	Nut-Lock
15	138-1209	1	Gear-Ring
16	138-1210	1	Ring-Snap
17	353-990	1	Plug ASM
17:1	237-78	1	O-Ring

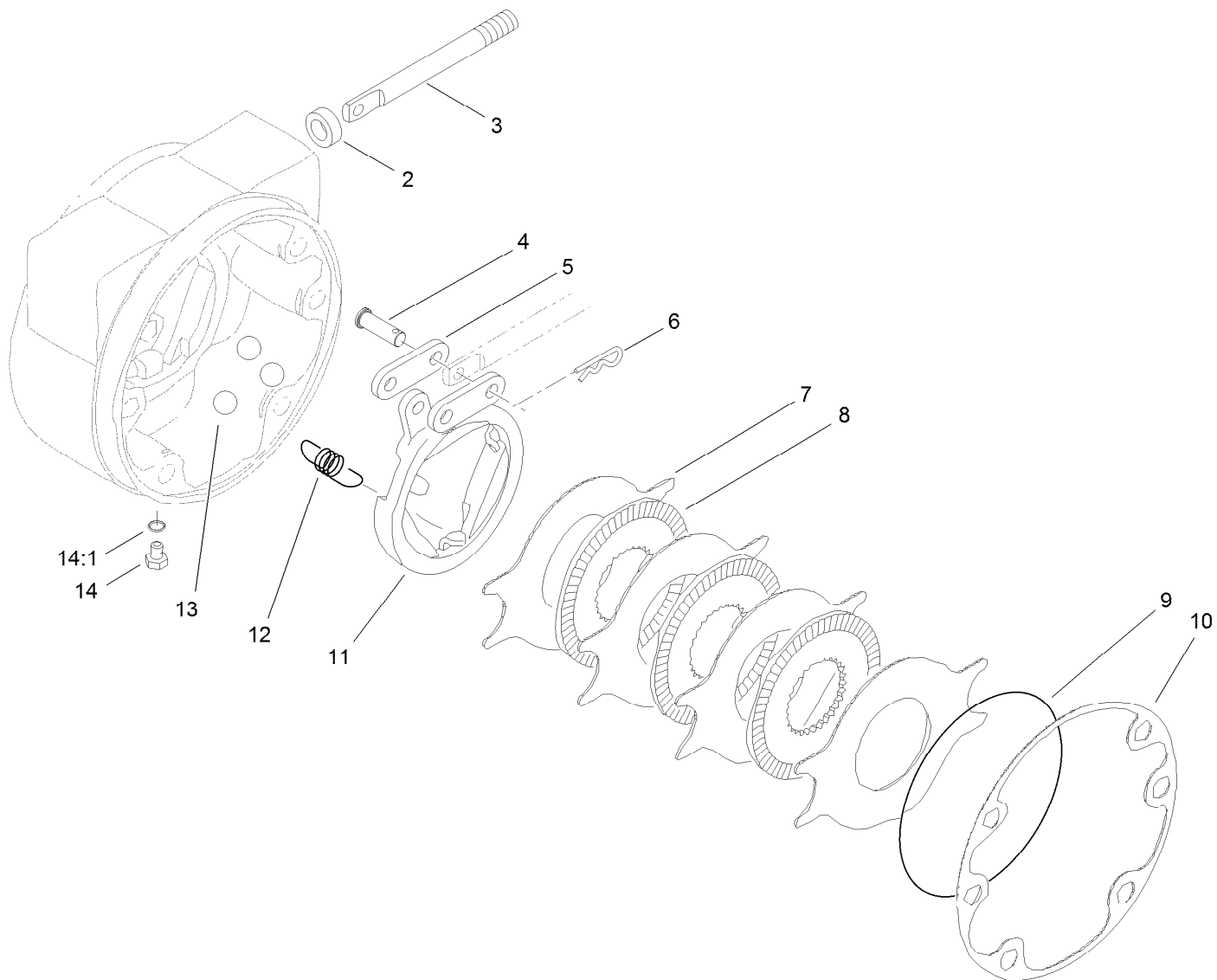
Ref.	Part Number	Qty.	Description
18	237-78	1	O-Ring
19	138-1211	2	Plug-Flange, Magnetic
20	138-1212	2	O-Ring
21	138-1213	1	Cap-End
22	138-1214	1	Washer-Thrust, Sun
23	105-8131	2	Ring-Retaining
24		1	O-Ring ●
25	138-1215	1	Gear-Primary, Sun
26	138-1216	1	Shaft-Drive
27	138-1217	1	Primary Carrier ASM
28	138-1218	1	Secondary Carrier ASM
29	138-1219	1	Seal Kit
29:1		1	Seal-Lip ●
29:2		1	O-Ring ●
29:3		1	O-Ring ●
29:4		1	O-Ring ●
29:5		1	O-Ring ●

● Not serviced separately



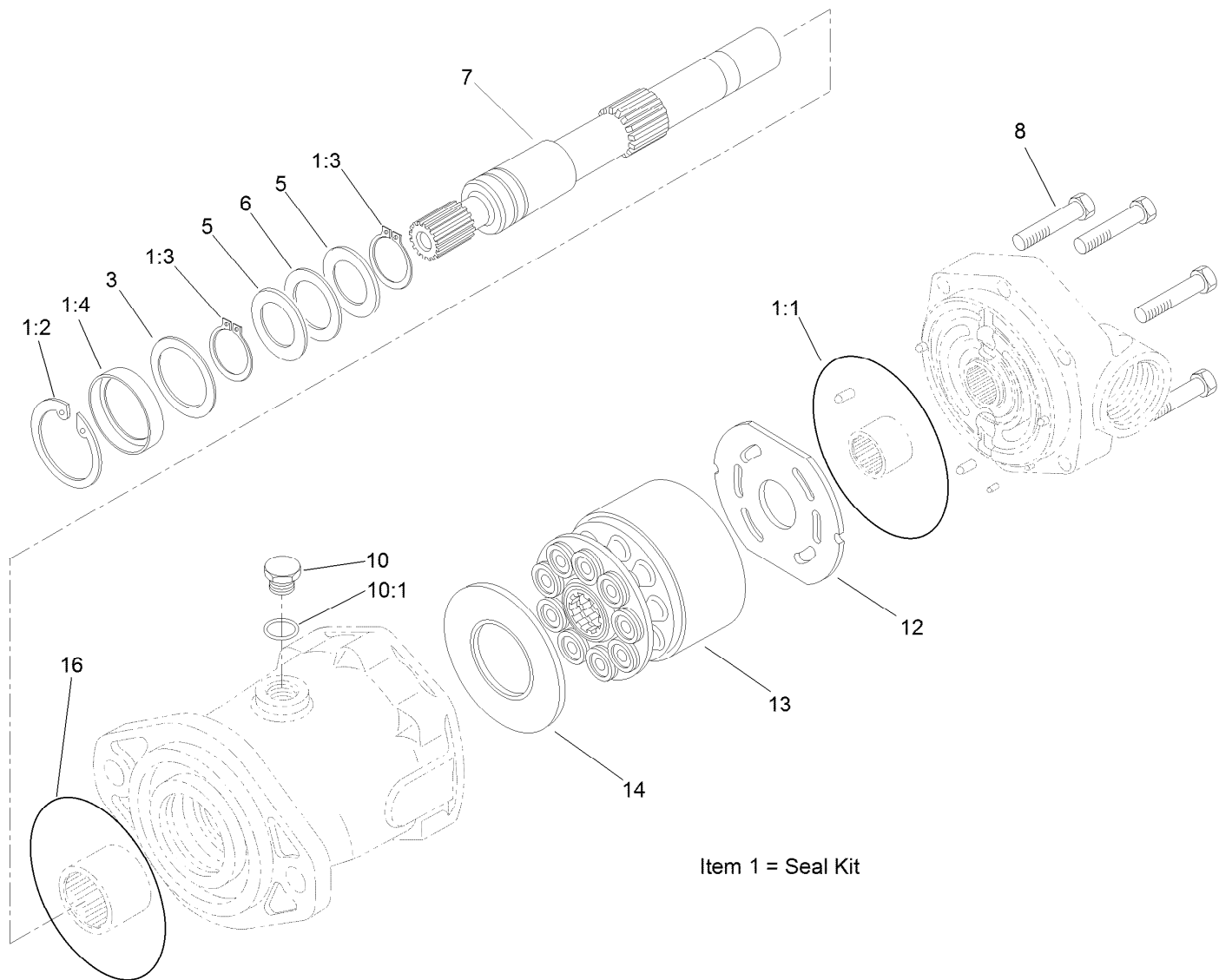
RH Brake Assembly No. 100-3069

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



Item 1 = Seal Kit

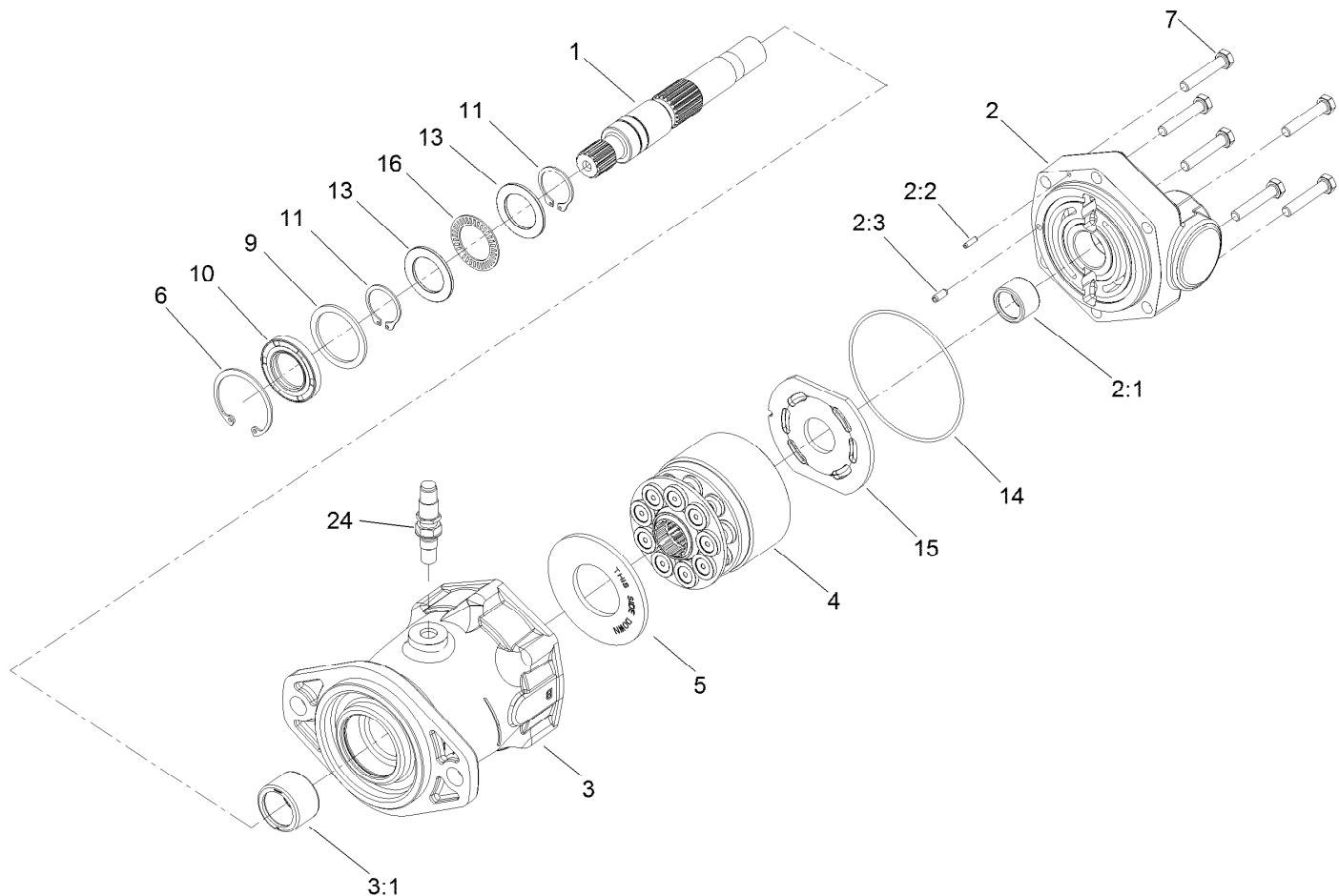
Hydraulic Motor Assembly No. 132-5631

Ref.	Part Number	Qty.	Description
1	106-6876	1	Seal Kit
1:1		1	O-Ring ●■
1:2	76-7010	1	Ring-Retaining ●
1:3	76-7000	2	Ring-Retaining ●
1:4		1	Seal-Shaft ●■
3	60-6240	1	Washer
5	76-6950	2	Race-Thrust
6	76-6960	1	Bearing-Thrust

Ref.	Part Number	Qty.	Description
7	94-3004	1	Shaft-Drive, Splined
8	94-3002	6	Screw-Cap
10	94-3009	1	Plug
10:1		1	O-Ring ■
12	94-3003	1	Plate-Valve
13	76-6910	1	Rotating Kit
14	76-6970	1	Insert-Plate, Cam
16	237-166	1	O-Ring

● Not illustrated

■ Not serviced separately



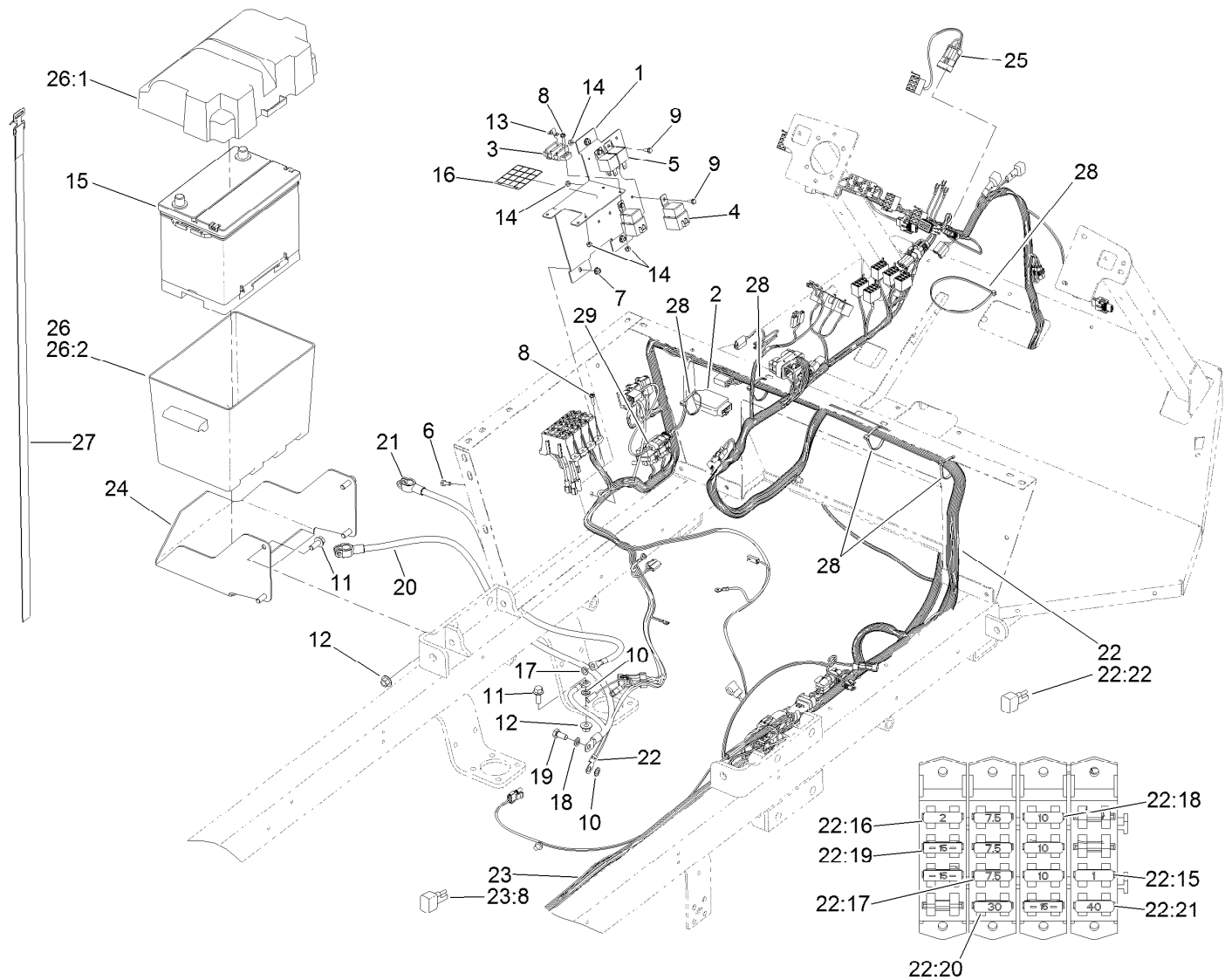
Hydraulic Motor Assembly No. 136-2373

Ref.	Part Number	Qty.	Description
1	94-3004	1	Shaft-Drive, Splined
2	136-2366	1	Backplate ASM
2:1	136-2367	1	Bearing
2:2	136-2369	1	Pin-Roll
2:3	136-2370	1	Pin-Roll
3	136-2365	1	Housing ASM
3:1	136-2368	1	Bearing
4	76-6910	1	Rotating Kit
5	76-6970	1	Insert-Plate, Cam
6	76-7010	1	Ring-Retaining
7	94-3002	6	Screw-Cap
9	60-6240	1	Washer

Ref.	Part Number	Qty.	Description
10	106-6876	1	Seal Kit
10:1		1	O-Ring ■●
10:2	76-7010	1	Ring-Retaining ●
10:3	76-7000	2	Ring-Retaining ●
10:4		1	Seal-Shaft ■●
11	76-7000	2	Ring-Retaining
13	76-6950	2	Race-Thrust
14	76-6980	1	O-Ring
15	94-3003	1	Plate-Valve
16	76-6960	1	Bearing-Thrust
24	136-2270	1	Sensor-Speed, Wheel

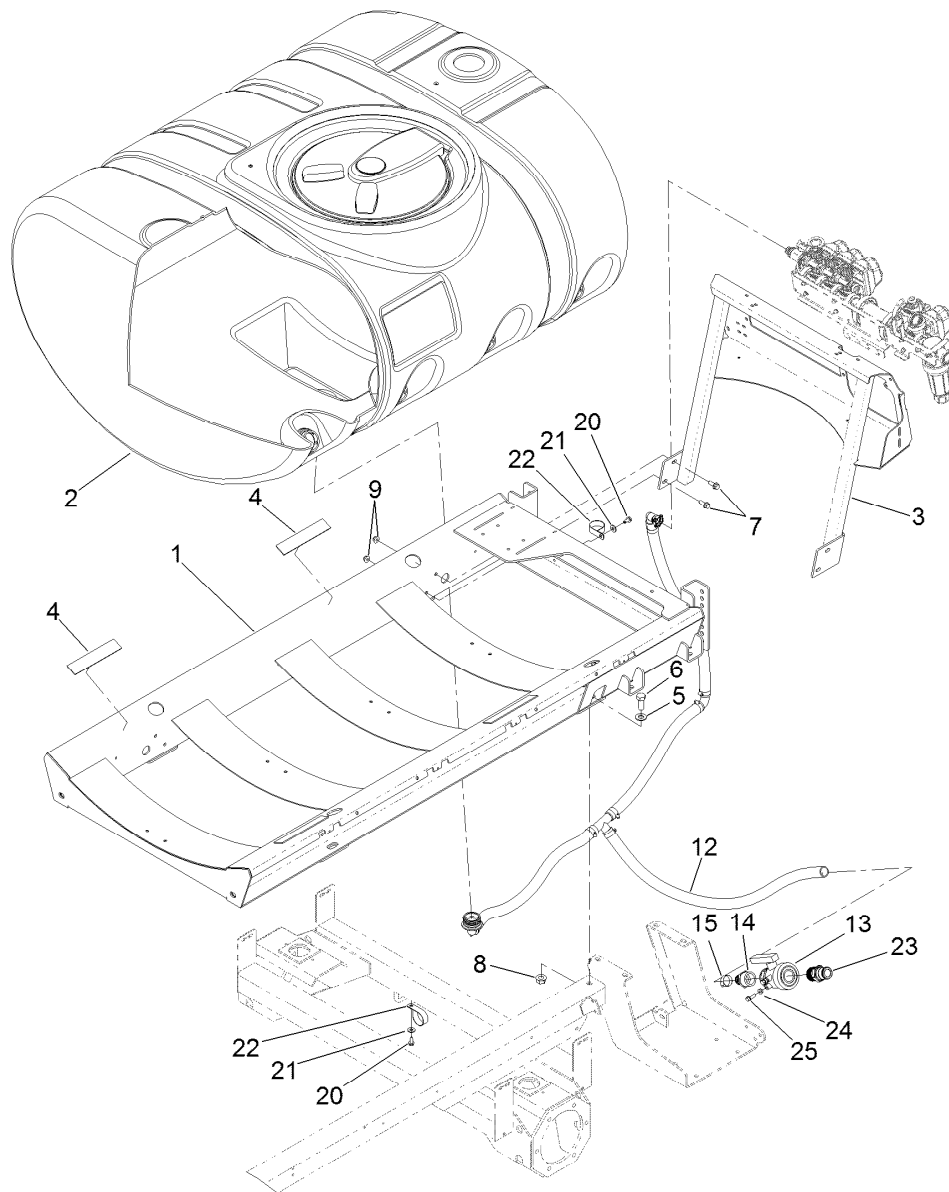
● Not illustrated

■ Not serviced separately



Electrical Assembly

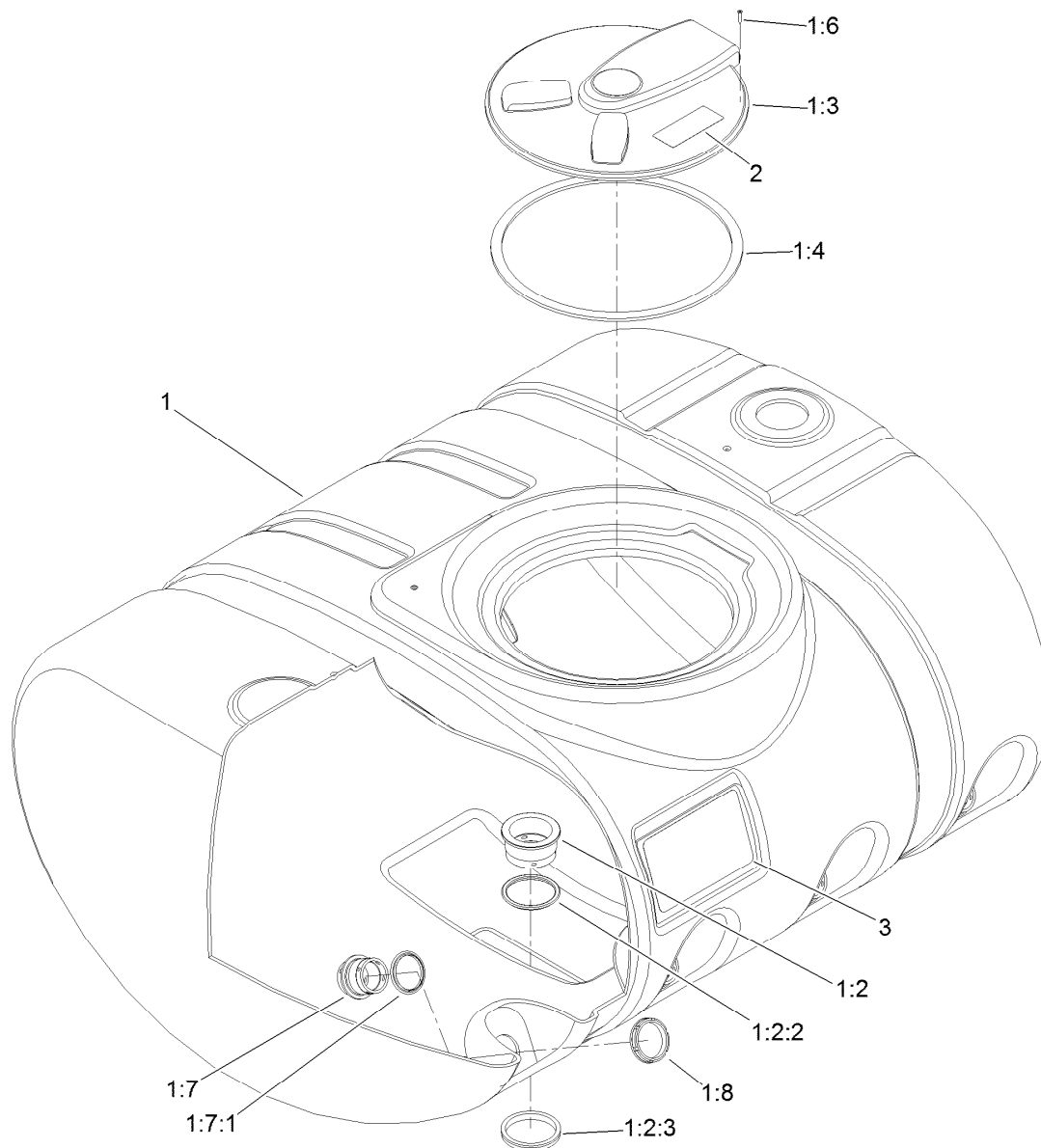
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	133-2757-01	1	Panel-Electrical	21	105-0114	1	Cable-Battery, Positive
2	98-7611	1	Controller-Glow	22	122-1440	1	Harness-Wire
3	42862	1	Block-Terminal, Ground	22:15	104-9055	1	Fuse-Blade, 1 Amp
4	99-7430	2	Relay-Mini	22:16	94-6710	1	Fuse-2 Amp
5	99-7435	2	Relay	22:17	114241	3	Fuse-Blade, 7.5 Amp
6	321-3	3	Screw-HH	22:18	218-578	3	Fuse-Blade, 10 Amp
7	104-7201	3	Nut-HF	22:19	109355	3	Fuse-Blade, 15 Amp
8	32105-13	4	Screw-HWH	22:20	109103	1	Fuse-Blade, 30 Amp
9	3290-321	4	Screw-HWH	22:21	99-6124	1	Fuse-40 Amp
10	3255-9	2	Washer-Lock	22:22	100-4918	2	Diode
11	3234-11	5	Screw-HHF	23	122-0694	1	Harness-Wire, Rear
12	32128-43	5	Nut-Flange	23:8	100-4918	4	Diode
13	42863	1	Strip-Jumper	24	119-5049-03	1	Bracket-Battery
14	3296-2	8	Nut-Lock, NI	25	122-0695	1	Harness-Wire, Auto/MAN
15	106-5190	1	Battery	26	93-7595	1	Battery Box ASM
16	133-2758	1	Decal-Fuse	26:1	105-2914	1	Top-Battery Box
17	3255-8	1	Washer-Lock	26:2	105-2915	1	Bottom-Battery Box
18	48-9590	1	Washer-Lock	27	3339-175	1	Strapping-Web
19	63-7790	1	Screw-Cap	28	3290-378	6	Tie-Cable
20	120-0615	1	Cable-Battery, Negative	29	108-8657	1	Harness-Wire, Seat



Tank and Saddle Assembly

Ref.	Part Number	Qty.	Description
1	130-7092-03	1	Tank Saddle ASM
2	117-8005	1	Tank ASM
3	136-2289-03	1	Support-Valve
4	104-7102	4	Pad-Battery
5	3256-27	4	Washer-Flat
6	327-4	4	Screw-HH
7	3234-11	4	Screw-HHF
8	32128-50	4	Nut-Flange
9	104-8301	4	Nut-HF, NI
12	132-4297	1	Bypass Hose ASM

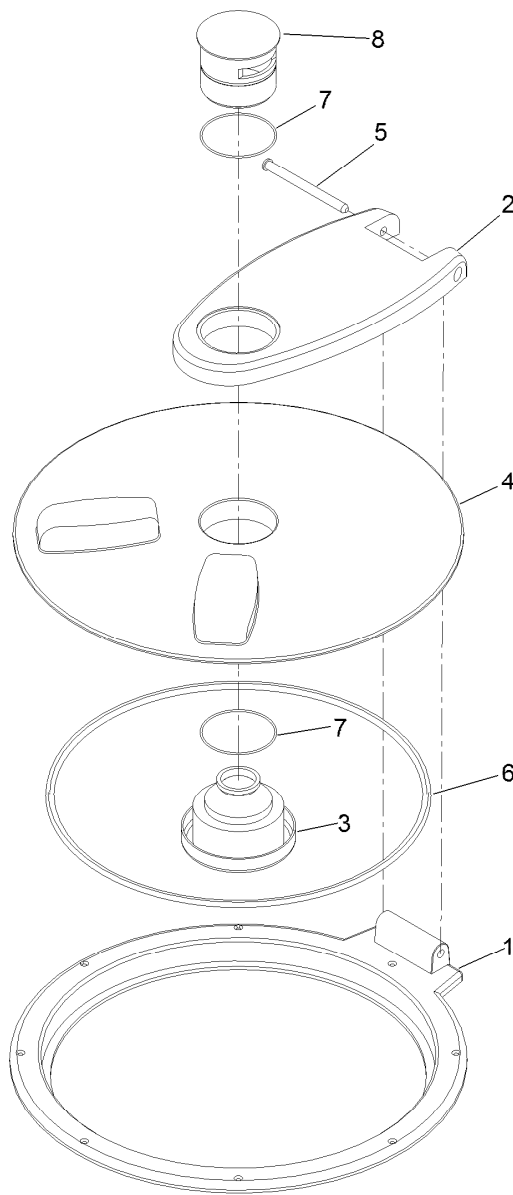
Ref.	Part Number	Qty.	Description
13	108-0069	1	Valve-Ball
14	110-5224	1	Fitting-Barbed, Straight
15	2412-34	1	Clamp-Hose
20	32104-32	2	Screw-HWH
21	3256-3	2	Washer-Flat
22	2412-147	2	Clamp-R
23	132-7787	1	Coupler-Quick
24	32128-26	2	Nut-Flange
25	3234-29	2	Screw-HHF



Tank Assembly No. 117-8005

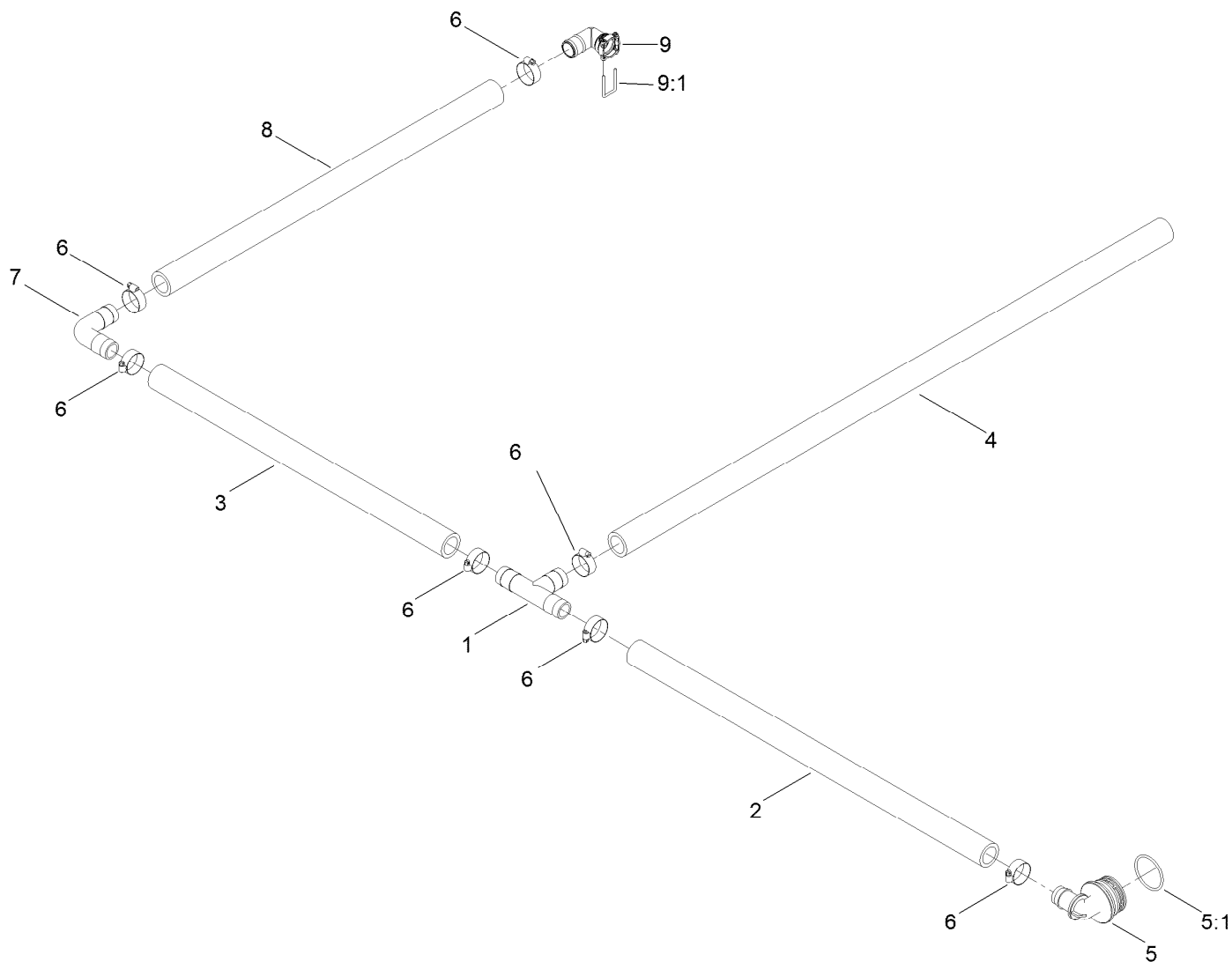
Ref.	Part Number	Qty.	Description
1		1	Tank ASM ●
1:2	117-7851	1	Bulkhead ASM
1:2:2	100-8646	1	Gasket-Bulkhead
1:2:3	100-8647	1	Nut-Bulkhead
1:3	138-6283	1	Lid ASM - Sprayer Tank
1:4	119-9378	1	Gasket-Lid, Tank
1:6	107-8635	8	Screw-PFH
1:7	108-3358	4	Fitting-Bulkhead
1:7:1	107-2864	1	Gasket-Bulkhead
1:8	100-7051	4	Nut-Bulkhead
2	120-0622	1	Decal-Warning
3	119-5042	2	Decal-Tank

● Not serviced separately



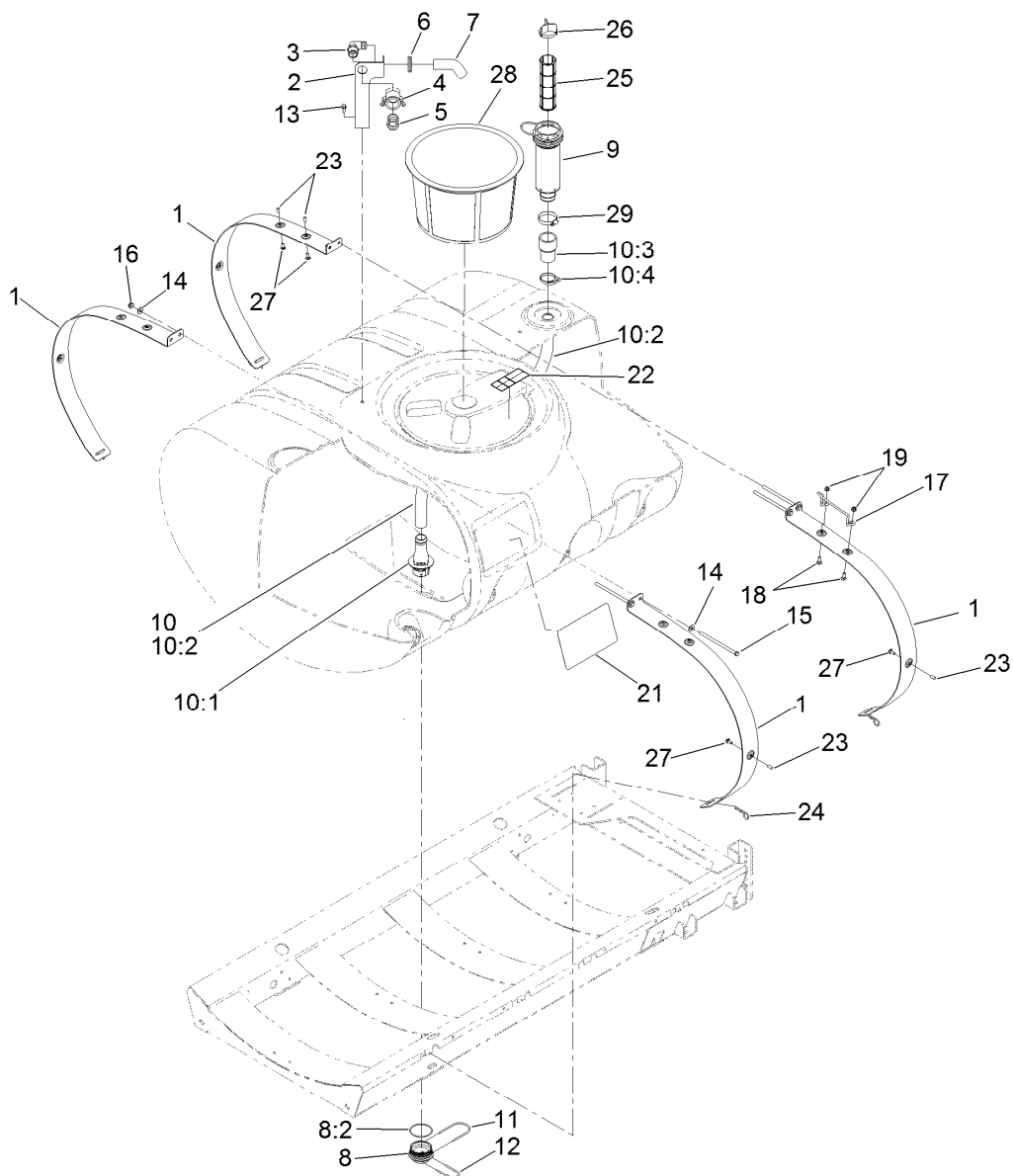
Spray Tank Lid Assembly No. 138-6283

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	119-9381	1	Ring-Lid
2	119-9382	1	Arm-Lid
3	119-9383	1	Vent-Lid
4	119-9384	1	Cover-Lid
5	119-9385	1	Pin-Pivot
6	138-6281	1	Seal - Tank Lid
7	119-9386	2	O-Ring
8	119-9387	1	Cap-Lid



Bypass Hose Assembly No. 132-4297

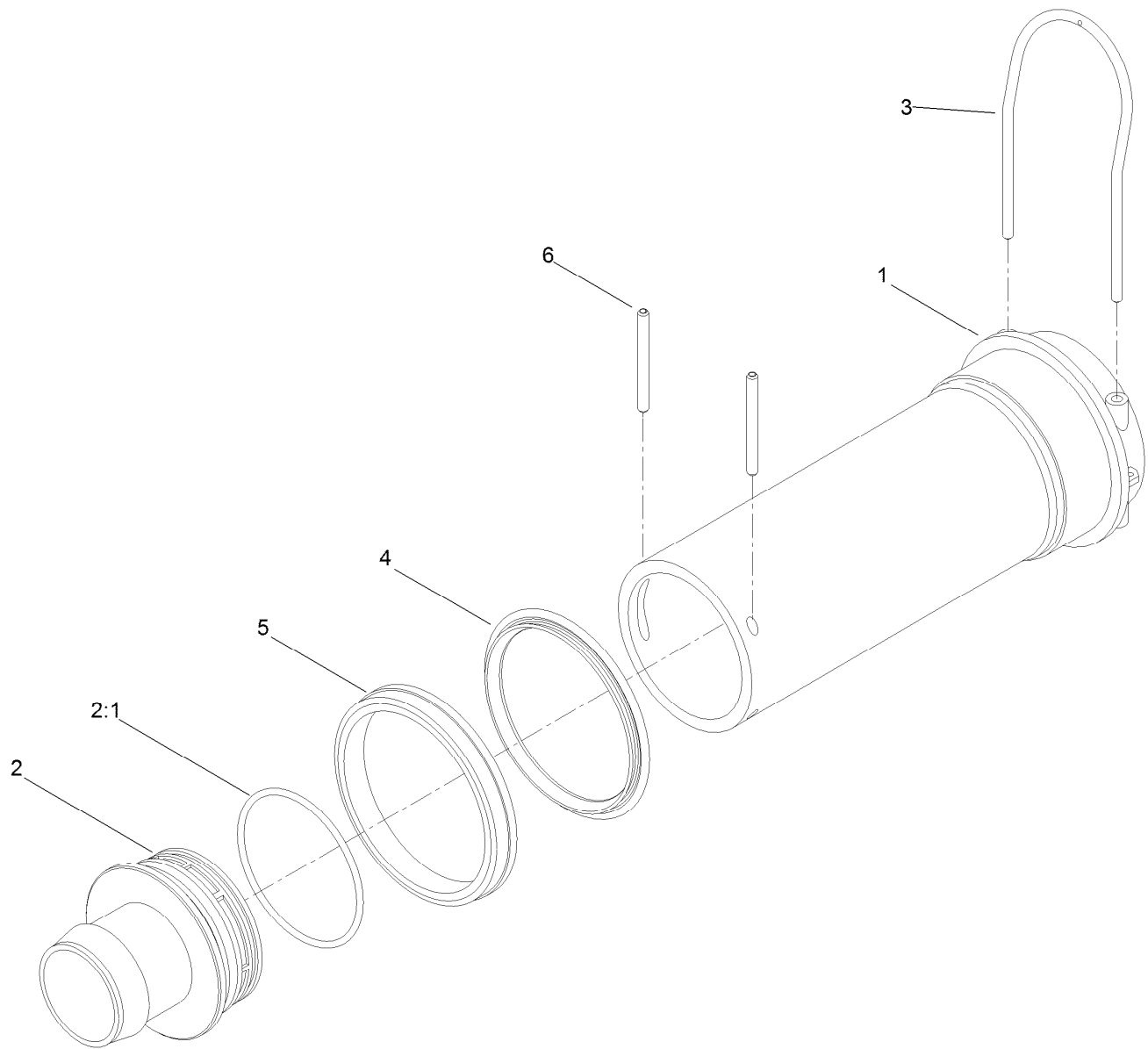
Ref.	Part Number	Qty.	Description
1	117-7866	1	Tee-Hosebarb
2	131-5775	1	Hose-Drain
3	131-5825	1	Hose-Drain
4	131-5777	1	Hose-Drain
5	106-4933	1	Hosebarb ASM
5:1	100-8637	1	O-Ring
6	2412-34	7	Clamp-Hose
7	117-7867	1	Elbow-Hosebarb
8	131-5824	1	Hose-Drain
9	131-0213	1	90 DEG Barb Fitting Kit
9:1	133-0398	1	Pin-Fork



Tank Mounting and Filter Assembly

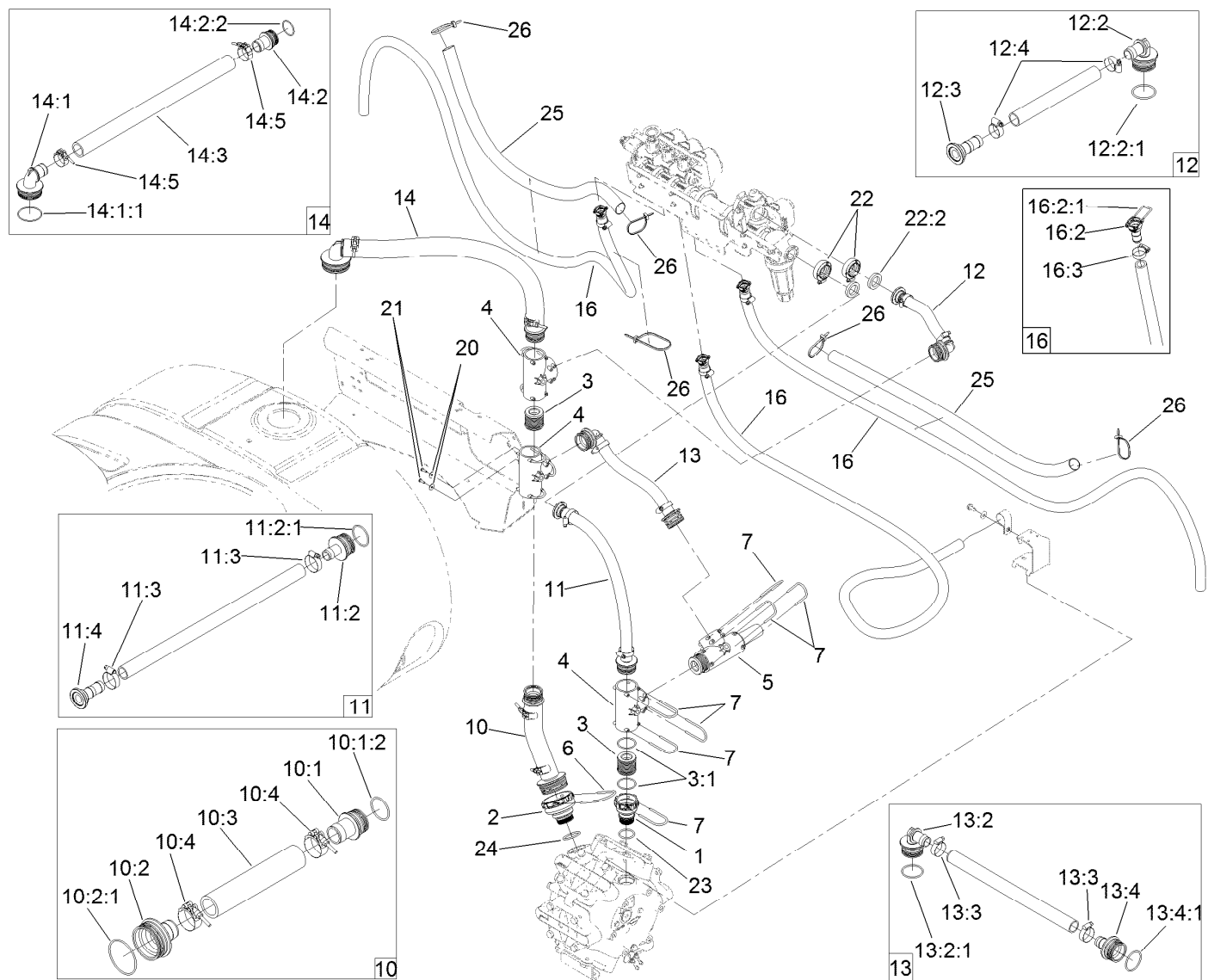
Ref.	Part Number	Qty.	Description
1	117-8029-03	4	Band-Tank
2	110-5082-03	1	Bracket-Anti Siphon
3	41140	1	Elbow
4	100-6779	1	Coupling-Female
5	41316	1	Adapter-Quick
6	110-5090	1	Grommet
7	110-5088	1	Hose-Fill
8	117-7928	1	Adapter ASM
8:2	100-6989	1	O-Ring
9	130-7096	1	Filter ASM
10	121-5003	1	Suction Tube ASM
10:1	121-5008	1	Foot-Suction
10:2	121-5030	1	Tube-Suction
10:3	121-5031	1	Connector-Suction
10:4	121-5047	1	Clamp-Nylon
11	117-7996	1	Fork
12	100-8635	1	Fork
13	3234-5	1	Screw-HHF

Ref.	Part Number	Qty.	Description
14	3256-4	8	Washer-Flat
15	120-0649	4	Bolt-TAP HH
16	104-8301	4	Nut-HF, NI
17	119-5019	1	Stop-Lid
18	3230-2	2	Bolt-CARR
19	104-8300	2	Nut-HF, NI
21	131-3317	2	Decal-Tank
22	120-0622	1	Decal-Warning
23	42452	5	Cap-Protective
24	3290-343	4	Pin-Hair
25	100-6991	1	Element-Filter, Green
25	100-6992	1	Element-Filter, Red
25	100-8642	1	Screen-Suction
26	100-8641	1	Vane-Screen
27	3230-1	5	Bolt-CARR
28	119-9419	1	Basket-Filter
29	2412-130	1	Clamp-Hose



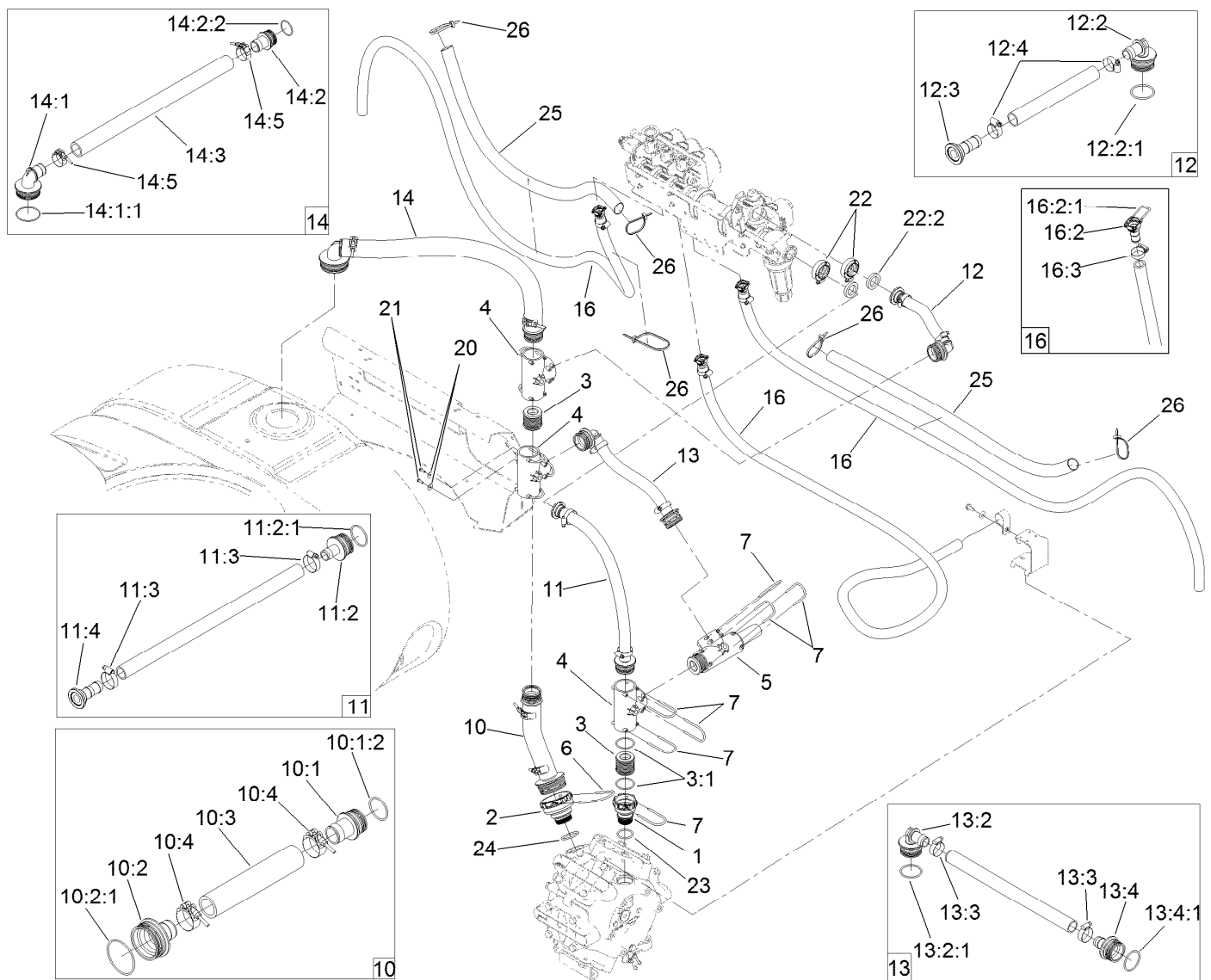
Filter Assembly No. 130-7096

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-8643	1	Housing-Filter
2	106-4942	1	Hosebarb-Straight
2:1	100-6989	1	O-Ring
3	100-8636	1	Fork-Special
4	100-8646	1	Gasket-Bulkhead
5	100-8647	1	Nut-Bulkhead
6	100-8644	2	Pin-Expansion



Spray System Hose Assembly

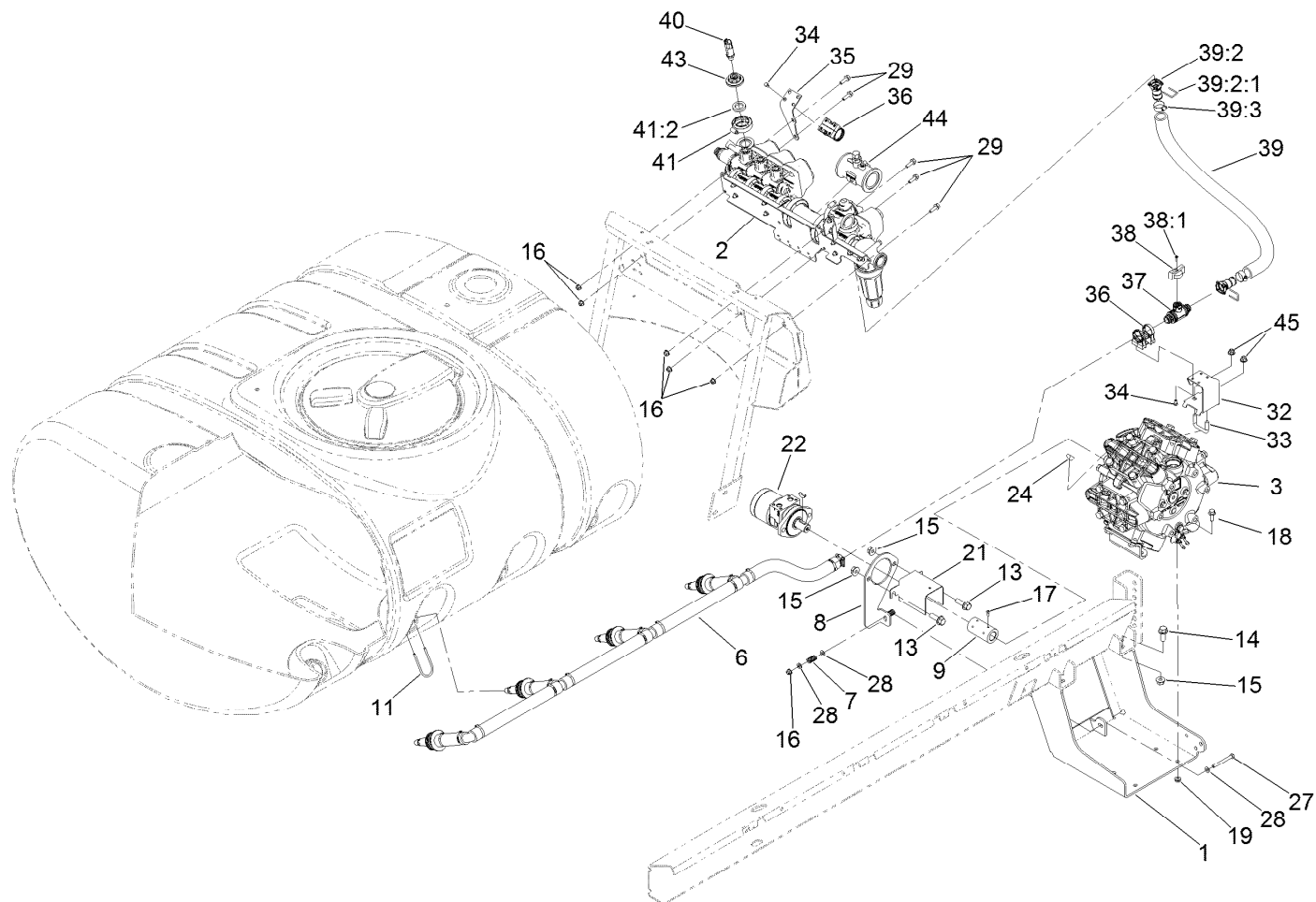
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	133-2881	1	Fitting	12:2	106-4933	1	Hosebarb ASM
2	133-2883	1	Fitting	12:2:1	100-8637	1	O-Ring
3	106-4947	2	Connector	12:3	127-1142	1	Fitting-Barb
3:1	100-8637	2	O-Ring	12:4	2412-129	2	Clamp-Hose
4	100-6704	3	Tee	13	117-7963	1	Pressure Relief Hose ASM
5	117-7874	1	Relief Valve ASM	13:2	106-4933	2	Hosebarb ASM
6	117-7996	1	Fork	13:2:1	100-8637	1	O-Ring
7	100-8635	11	Fork	13:3	2412-3	2	Clamp-Hose
10	130-7128	1	Lower Suction Hose ASM	13:4	106-4932	1	Hosebarb-Straight
10:1	117-7982	1	Hosebarb ASM	13:4:1	100-8637	1	O-Ring
10:1:2	100-8637	1	O-Ring	14	130-7127	1	Upper Suction Hose ASM
10:2	117-7965	1	Hosebarb ASM	14:1	106-4952	1	Hosebarb-90 DEG
10:2:1	100-6989	1	O-Ring	14:1:1	100-6989	1	O-Ring
10:3	127-8982	1	Hose-Suction, Lower	14:2	117-7982	1	Hosebarb ASM
10:4	130-7125	2	Clamp, T-Bolt	14:2:2	100-8637	1	O-Ring
11	132-4295	1	Supply Hose ASM	14:3	127-8981	1	Hose-Suction, Upper
11:2	106-4932	1	Hosebarb-Straight	14:5	130-7125	2	Clamp, T-Bolt
11:2:1	100-8637	1	O-Ring	16	132-4298	3	Left Boom Hose ASM
11:3	2412-3	2	Clamp-Hose	16:2	127-9807	1	Straight Fitting Kit
11:4	127-1142	1	Fitting-Barb	16:2:1	133-0398	1	Pin-Fork
12	132-4296	1	Agitation Bypass Hose ASM	16:3	2412-129	1	Clamp-Hose



Spray System Hose Assembly (continued)

Ref.	Part Number	Qty.	Description
20	3256-61	2	Washer-Flat
21	32144-32	2	Screw
22	127-9829	2	Clamp/Gasket Kit
22:2	127-1145	1	Gasket-Flange

Ref.	Part Number	Qty.	Description
23	133-2882	1	O-Ring
24	133-2884	1	O-Ring
25	107-8650	2	Conduit-Convoluted
26	3290-378	5	Tie-Cable

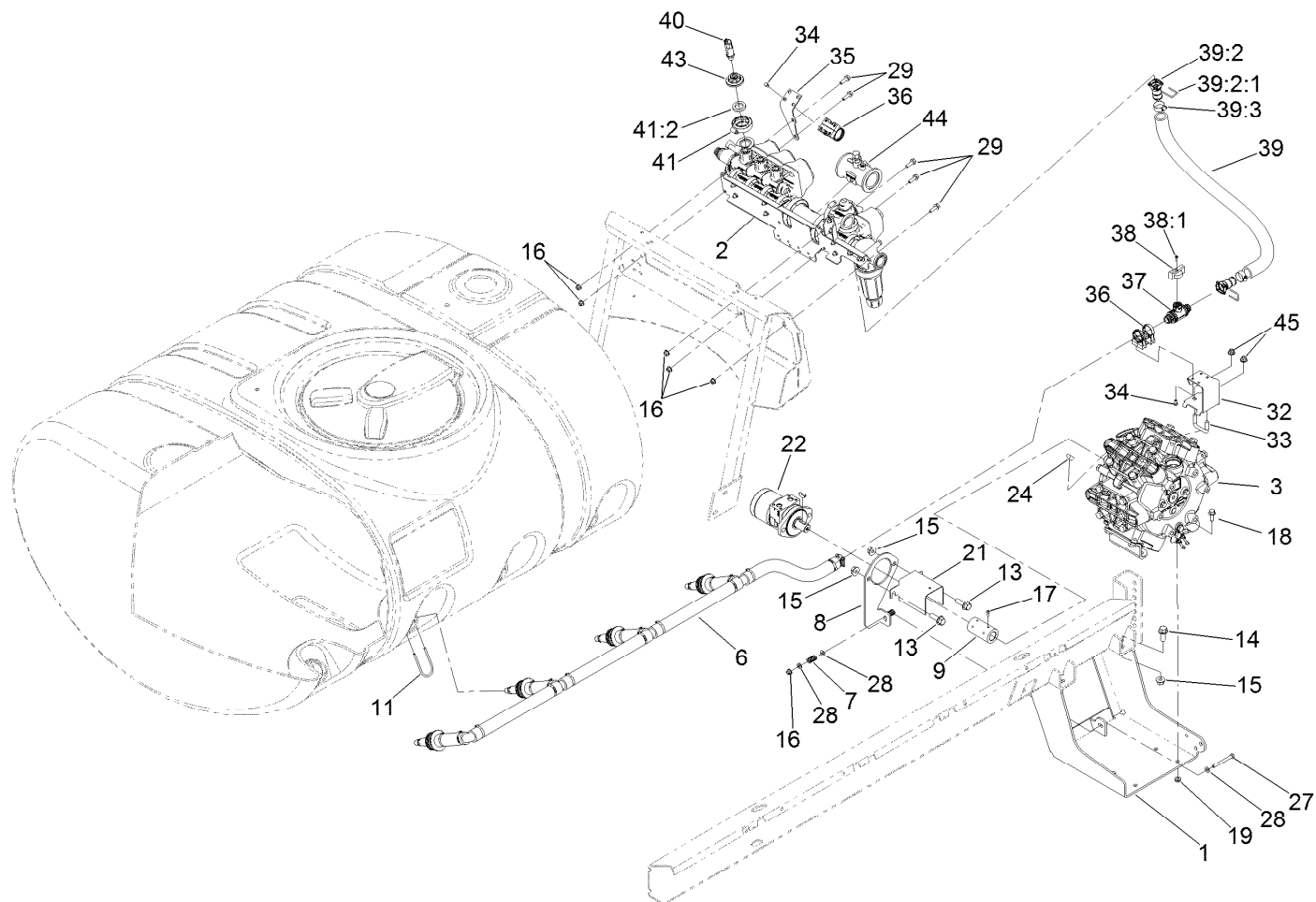


Spray Pump and Valve Assembly

Ref.	Part Number	Qty.	Description
1	117-0655-03	1	Bracket-Pump
2		1	Spray Manifold ASM ●
3	137-4230	1	Pump ASM
6	139-3093	1	Agitation Hose ASM
7	110-5331	2	Spring-Compression
8	117-8040-03	1	Plate-Mount, Motor
9	117-8045	1	Coupler
11	100-8635	4	Fork
13	100-6116	2	Screw-HHF
14	110-5057	4	Capscrew-HHF
15	108-3745	6	Nut-HHF, Whiz
16	104-8300	6	Nut-HF, NI
17	3241-7	4	Screw-SQH
18	3234-11	4	Screw-HHF
19	3290-357	4	Nut-HHF, Whiz
21	120-0628-03	1	Guard-Shaft, Pump
22	117-0706	1	HYD Motor ASM
24	106-1990	1	Key-Woodruff

Ref.	Part Number	Qty.	Description
27	322-14	1	Screw-HH
28	3256-23	5	Washer-Plain
29	3234-29	5	Screw-HHF
32	136-0376-03	1	Bracket-Valve, Agitation
33	107-3073	1	U-Bolt
34	33113-012	8	Screw-HH
35	136-2286-03	1	Mount-Plate, Support
36	132-4302	2	Mount-Valve
37	131-0249	1	On/Off 2-Way Valve Kit
38	131-0264	1	Agitation Throttling Handle Kit
38:1	131-0263	1	Screw-Handle
39	132-4310	1	Agitation Supply Hose ASM
39:2	127-9806	2	Fitting Kit
39:2:1	133-0398	1	Pin-Fork
39:3	2412-34	2	Clamp-Hose
40	130-8202	1	Transducer-Pressure
41	127-9829	1	Clamp/Gasket Kit

● Not serviced separately

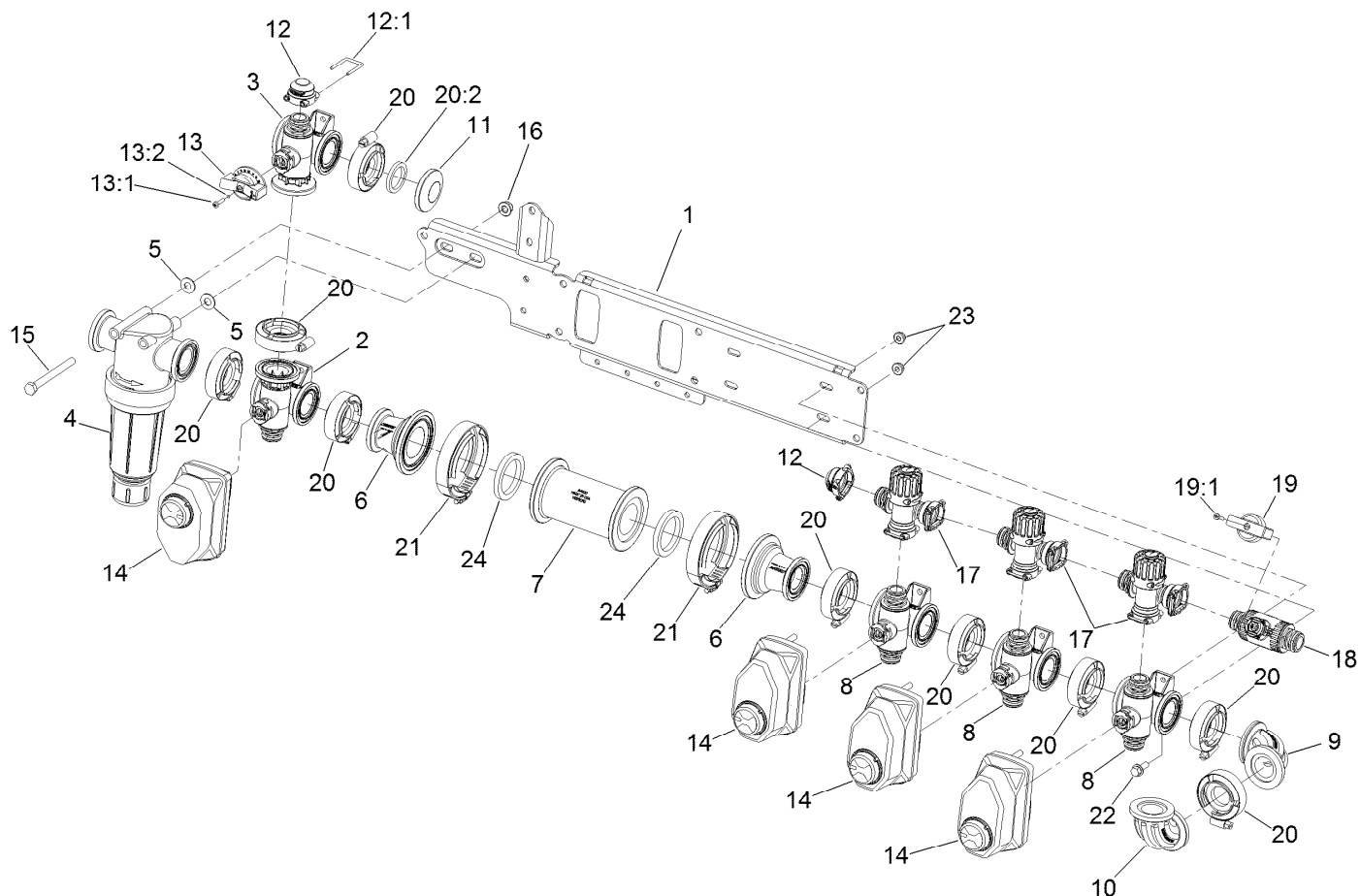


Spray Pump and Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
41:2	127-1145	1	Gasket-Flange
43	127-1185	1	Fitting-Cap, Port

Ref.	Part Number	Qty.	Description
44	138-6128	1	Flow Meter ASM
45	104-8301	2	Nut-HF, NI

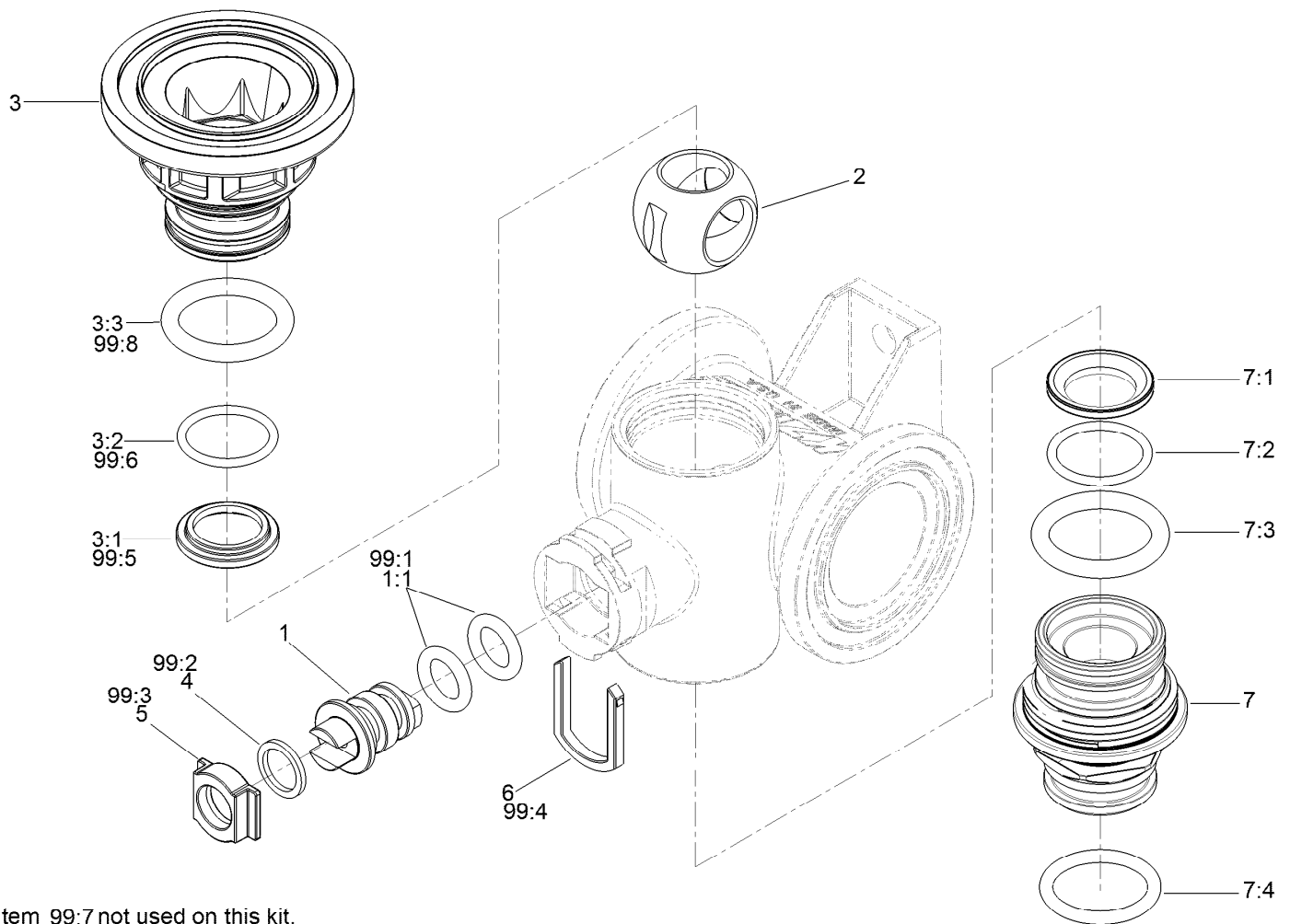
● Not serviced separately



Spray Manifold Assembly

Ref.	Part Number	Qty.	Description
1	133-2852	1	Mount-Valve
2	131-7256	1	Manifold Valve Kit
3	131-0253	1	Manifold Valve Kit
4	131-3791	1	Filter-Pressure
5	107-0279	2	Washer
6	127-1144	2	Fitting-Adapter
7	131-3739	1	Adapter
8	127-9803	3	On/Off Manifold Valve Kit
9	131-3726	1	Fitting-Elbow, 90 DEG
10	130-8297	1	Fitting-Elbow, Sweep
11	127-9815	1	Fitting-Cap
12	127-9811	2	Fitting-Cap, Female
12:1	133-0398	1	Pin-Fork
13	131-0265	1	Agitation Regulating Handle Kit

Ref.	Part Number	Qty.	Description
13:1	131-0263	1	Screw-Handle
13:2	127-1197	1	O-Ring-Stem
14	131-3723	4	Actuator On/Off Kit
15	322-22	2	Screw-HH
16	104-8300	2	Nut-HF, NI
17	127-9805	3	Bypass Valve ASM
18	131-0249	1	On/Off 2-Way Valve Kit
19	131-0267	1	Bypass Handle Kit
19:1	131-0263	1	Screw-Handle
20	127-9829	9	Clamp/Gasket Kit
20:2	127-1145	1	Gasket-Flange
21	104-9089	2	Clamp-Screw, Worm
22	3234-4	8	Screw-HHF
23	104-7201	8	Nut-HF
24	104-9090	2	Gasket

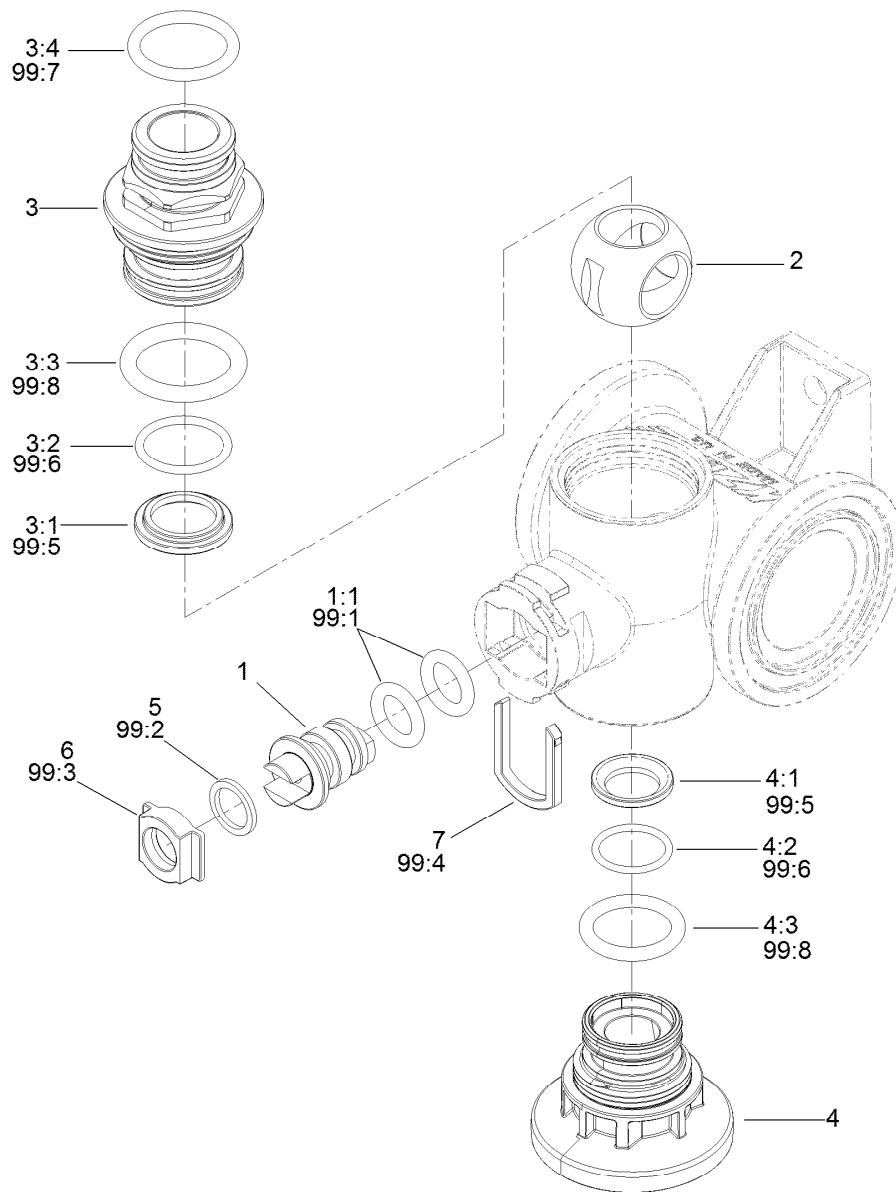


Manifold Valve Kit No. 131-7256

Ref.	Part Number	Qty.	Description
1	130-8248	1	Valve Stem Kit
1:1	127-1197	2	O-Ring-Stem
2	127-1194	1	Ball-Valve, 3Way
3	130-8249	1	Endcap Kit
3:1	127-1192	1	Seat-Ball
3:2	127-1188	1	O-Ring, Seat (Ball)
3:3	127-1189	1	O-Ring, Endcap
4	127-1196	1	Washer-Stem, Valve
5	127-1195	1	Seat-Stem, Valve
6	127-1190	1	Fork-Stem, Valve
7	130-7317	1	Endcap Kit
7:1	127-1192	1	Seat-Ball

Ref.	Part Number	Qty.	Description
7:2	127-1188	1	O-Ring, Seat (Ball)
7:3	127-1189	1	O-Ring, Endcap
7:4	127-1187	1	O-Ring, Endcap
99	130-7304	1	Valve Repair Kit ●
99:1	127-1197	2	O-Ring-Stem
99:2	127-1196	2	Washer-Stem, Valve
99:3	127-1195	1	Seat-Stem, Valve
99:4	127-1190	1	Fork-Stem, Valve
99:5	127-1192	2	Seat-Ball
99:6	127-1188	2	O-Ring, Seat (Ball)
99:7	127-1187	2	O-Ring, Endcap
99:8	127-1189	2	O-Ring, Endcap

● Not illustrated

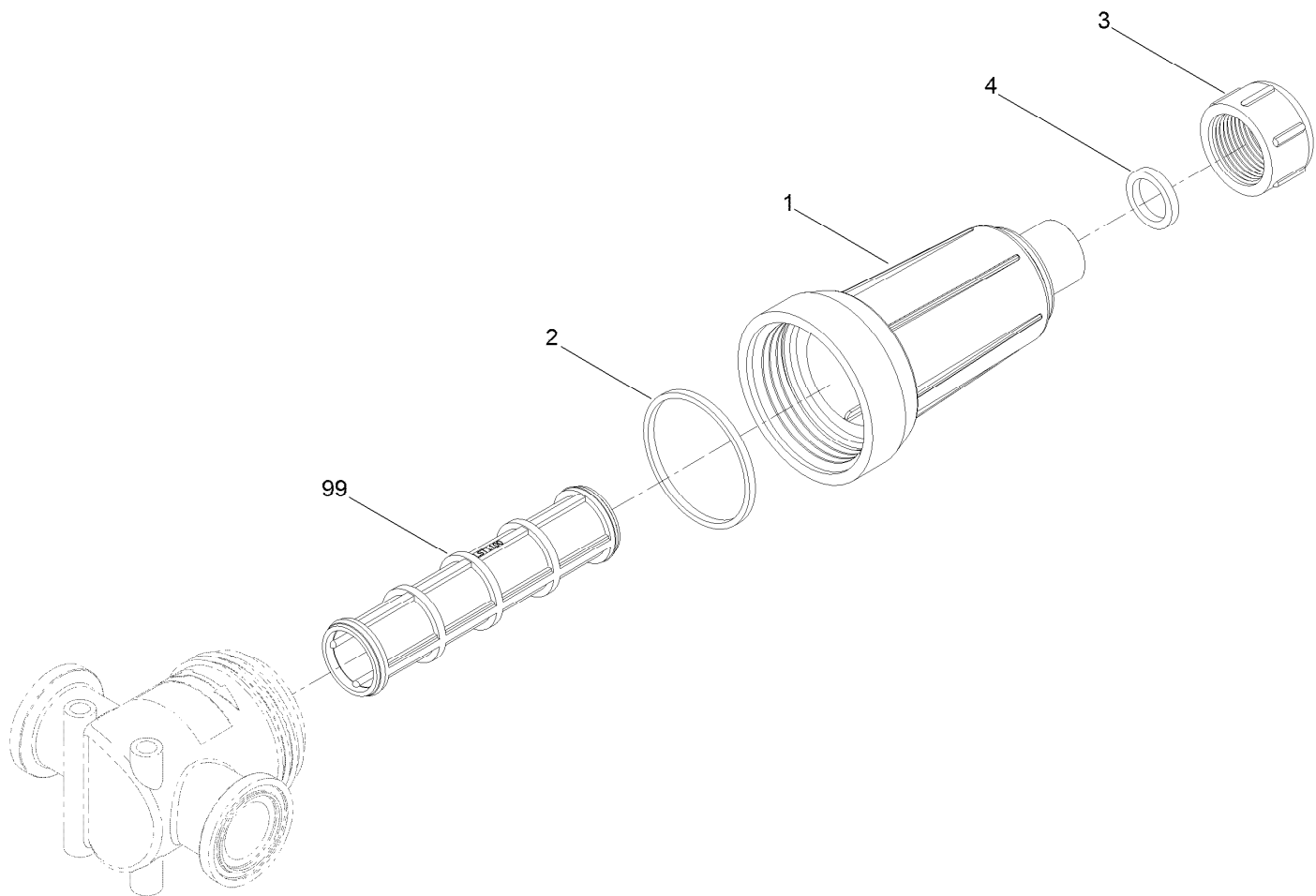


Manifold Valve Kit No. 131-0253

Ref.	Part Number	Qty.	Description
1	130-8248	1	Valve Stem Kit
1:1	127-1197	2	O-Ring-Stem
2	127-1113	1	Ball-V
3	130-7317	1	Endcap Kit
3:1	127-1192	1	Seat-Ball
3:2	127-1188	1	O-Ring, Seat (Ball)
3:3	127-1189	1	O-Ring, Endcap
3:4	127-1187	1	O-Ring, Endcap
4	130-8249	1	Endcap Kit
4:1	127-1192	1	Seat-Ball
4:2	127-1188	1	O-Ring, Seat (Ball)
4:3	127-1189	1	O-Ring, Endcap

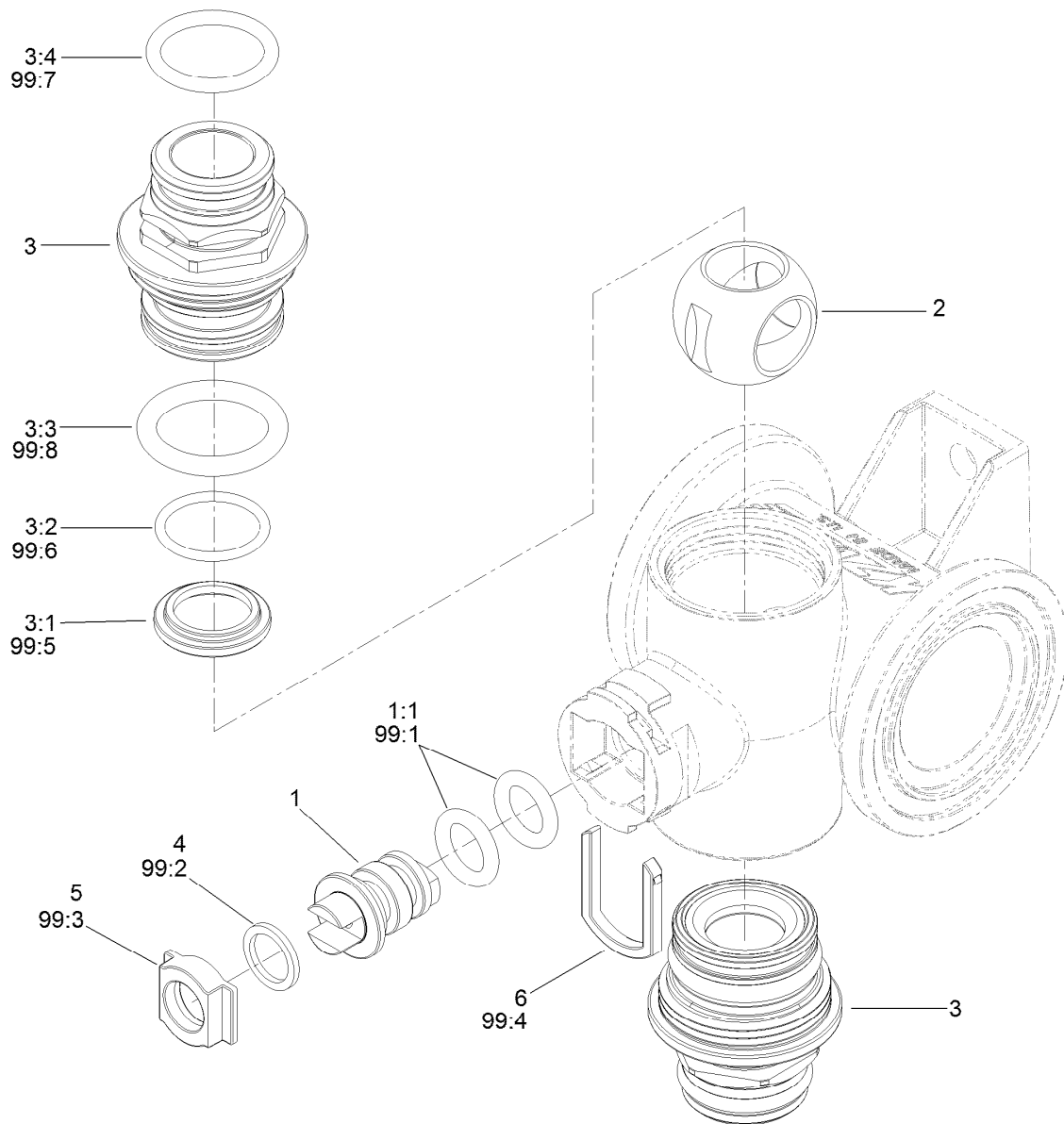
Ref.	Part Number	Qty.	Description
5	127-1196	1	Washer-Stem, Valve
6	127-1195	1	Seat-Stem, Valve
7	127-1190	1	Fork-Stem, Valve
99	130-7304	1	Valve Repair Kit ●
99:1	127-1197	2	O-Ring-Stem
99:2	127-1196	2	Washer-Stem, Valve
99:3	127-1195	1	Seat-Stem, Valve
99:4	127-1190	1	Fork-Stem, Valve
99:5	127-1192	2	Seat-Ball
99:6	127-1188	2	O-Ring, Seat (Ball)
99:7	127-1187	2	O-Ring, Endcap
99:8	127-1189	2	O-Ring, Endcap

● Not illustrated



Pressure Filter Assembly No. 131-3791

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-0397	1	Bowl-Strainer
2	136-0398	1	Rubber-Gasket
3	136-0410	1	Strainer Cap
4	136-0399	1	Rubber-Gasket
99	133-0384	1	Screen-Teejet, 30 Mesh
99	133-0385	1	Screen-Teejet, 50 Mesh
99	133-0386	1	Screen-Teejet, 80 Mesh
99	133-0387	1	Screen-Teejet, 100 Mesh

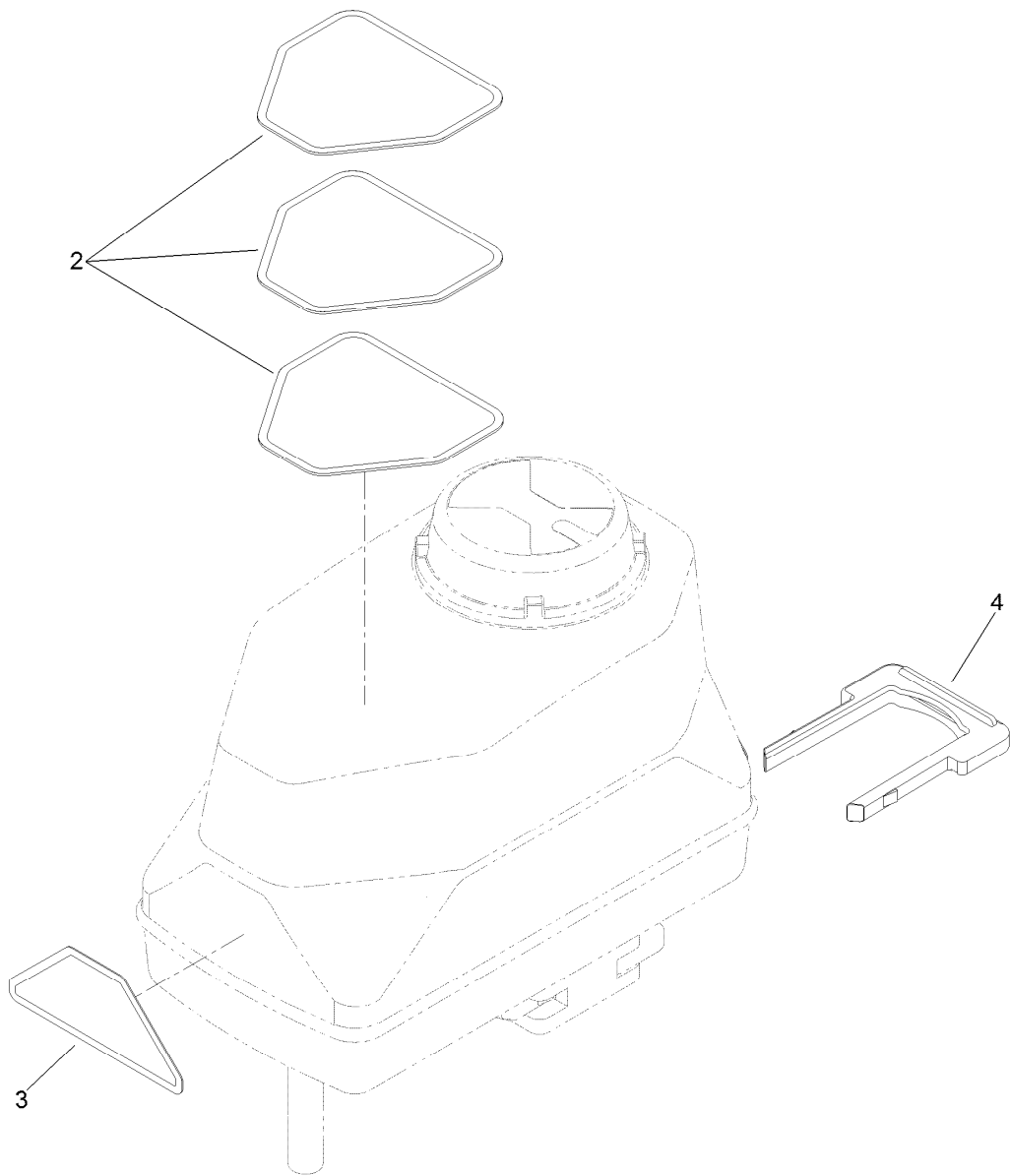


On/Off Manifold Valve Kit No. 127-9803

Ref.	Part Number	Qty.	Description
1	130-8248	1	Valve Stem Kit
1:1	127-1197	2	O-Ring-Stem
2	127-1194	1	Ball-Valve, 3Way
3	130-7317	2	Endcap Kit
3:1	127-1192	1	Seat-Ball
3:2	127-1188	1	O-Ring, Seat (Ball)
3:3	127-1189	1	O-Ring, Endcap
3:4	127-1187	1	O-Ring, Endcap
4	127-1196	1	Washer-Stem, Valve
5	127-1195	1	Seat-Stem, Valve

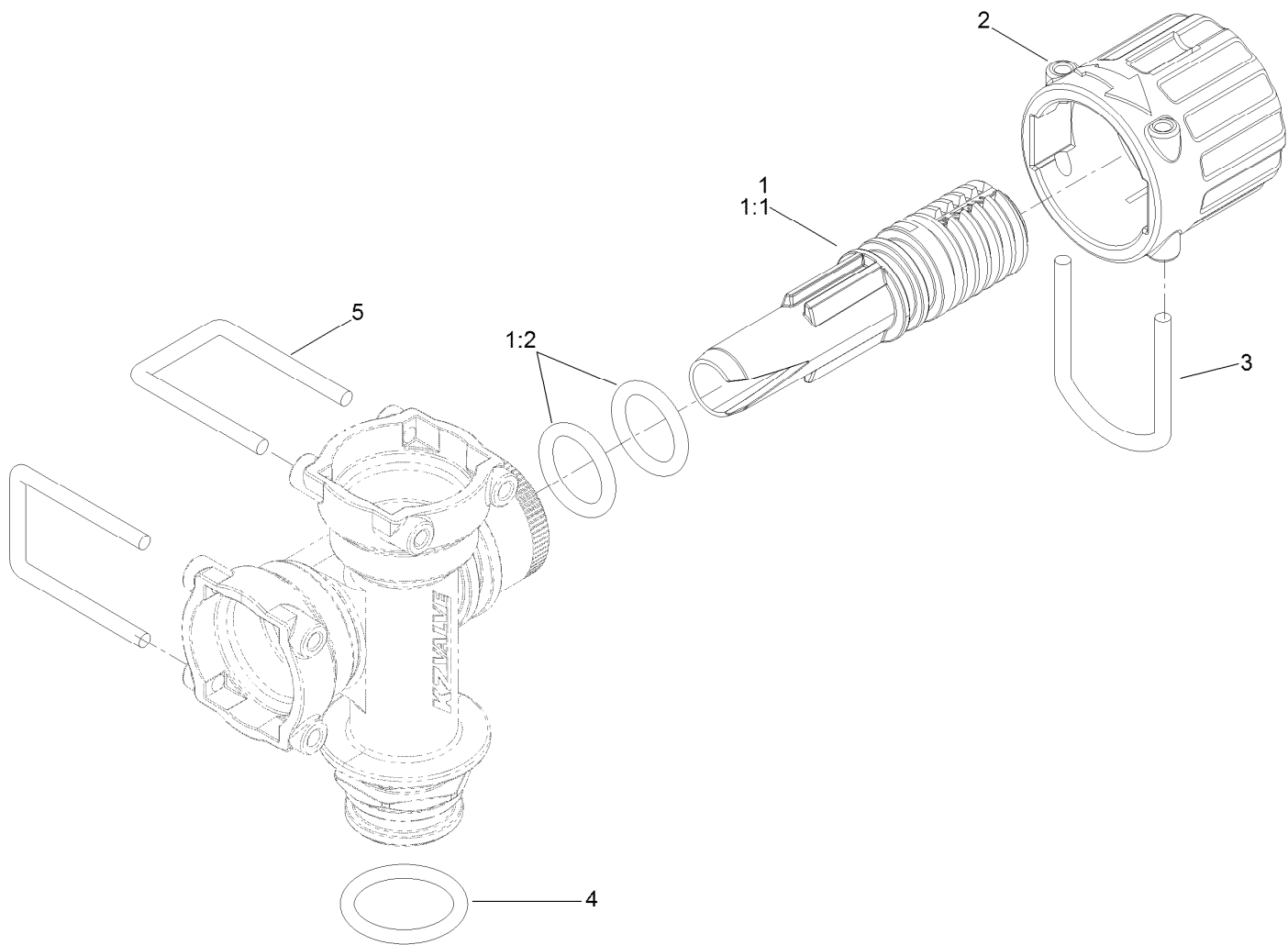
Ref.	Part Number	Qty.	Description
6	127-1190	1	Fork-Stem, Valve
99	130-7304	1	Valve Repair Kit ●
99:1	127-1197	2	O-Ring-Stem
99:2	127-1196	2	Washer-Stem, Valve
99:3	127-1195	1	Seat-Stem, Valve
99:4	127-1190	1	Fork-Stem, Valve
99:5	127-1192	2	Seat-Ball
99:6	127-1188	2	O-Ring, Seat (Ball)
99:7	127-1187	2	O-Ring, Endcap
99:8	127-1189	2	O-Ring, Endcap

● Not illustrated



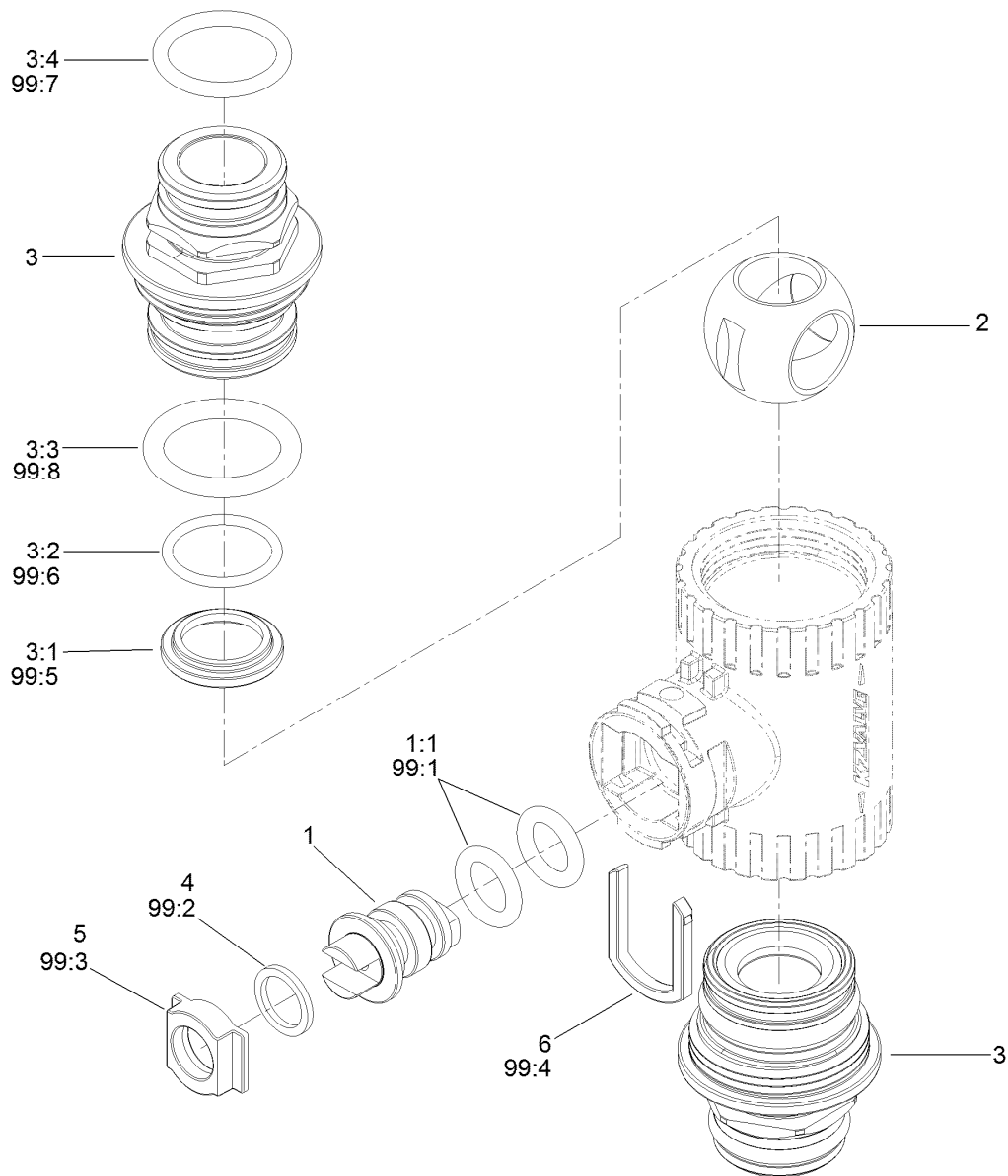
On/Off Actuator Kit No. 131-3723

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	127-6979	1	Decal-Valve, Agitation
2	127-6981	1	Decal-Valve, On/Off
2	127-6982	1	Decal-Valve, Master Boom
3	127-6976	1	Decal-Valve, Bypass Adjust
4	130-7301	1	Hairpin-Actuator



Bypass Valve Assembly No. 127-9805

Ref.	Part Number	Qty.	Description
1	131-0298	1	Bypass Needle Kit
1:1	127-1182	1	Needle-Bypass
1:2	127-1181	2	O-ring-Bypass Needle
2	127-1180	1	Knob-Bypass
3	127-1179	1	Fork-Bypass Knob
4	127-1187	1	O-Ring, Endcap
5	133-0398	2	Pin-Fork

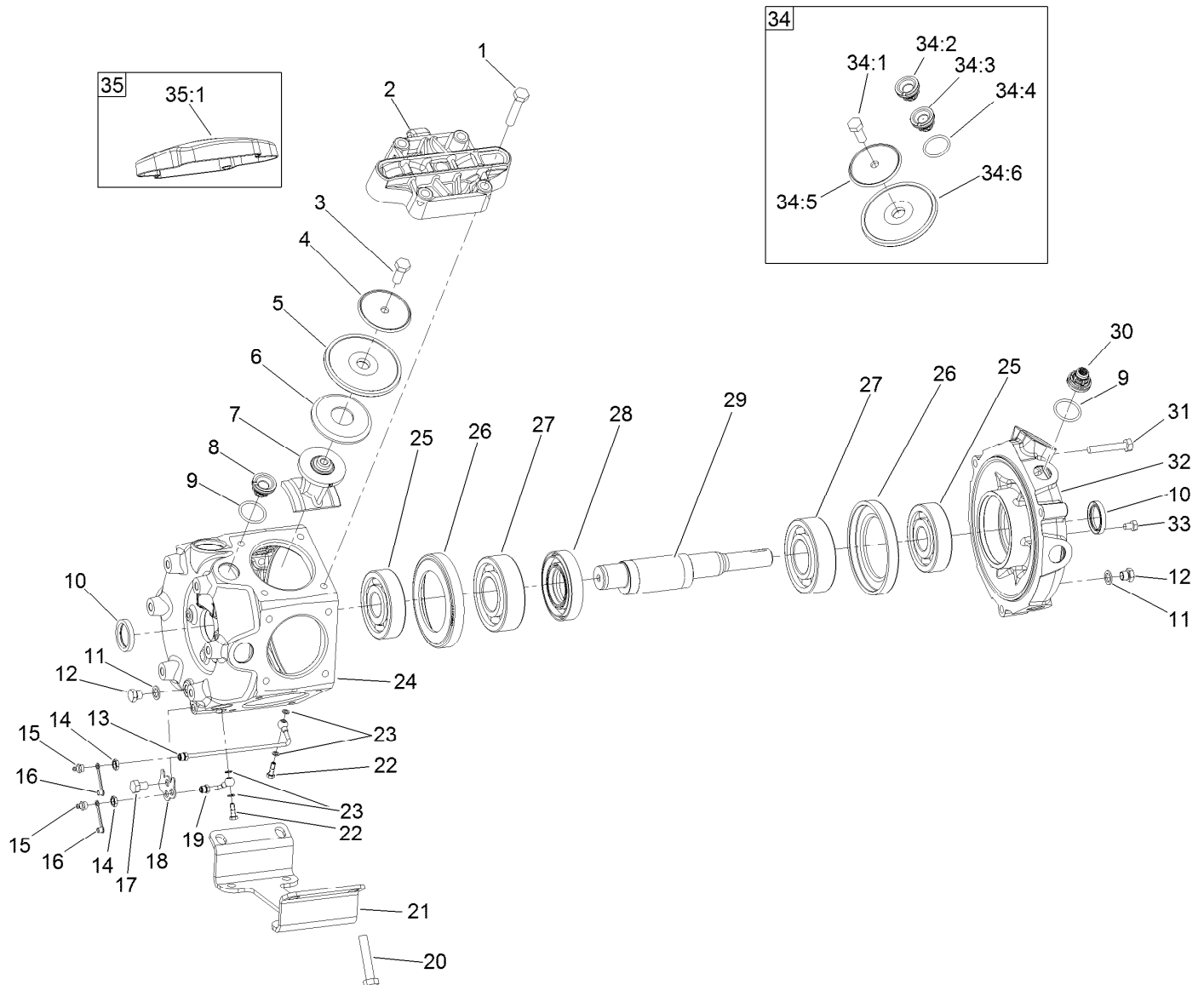


On/Off 2-Way Valve Kit No. 131-0249

Ref.	Part Number	Qty.	Description
1	130-8248	1	Valve Stem Kit
1:1	127-1197	2	O-Ring-Stem
2	131-0252	1	Ball-2-Way
3	130-7317	2	Endcap Kit
3:1	127-1192	1	Seat-Ball
3:2	127-1188	1	O-Ring, Seat (Ball)
3:3	127-1189	1	O-Ring, Endcap
3:4	127-1187	1	O-Ring, Endcap
4	127-1196	1	Washer-Stem, Valve
5	127-1195	1	Seat-Stem, Valve

Ref.	Part Number	Qty.	Description
6	127-1190	1	Fork-Stem, Valve
99	130-7304	1	Valve Repair Kit ●
99:1	127-1197	2	O-Ring-Stem
99:2	127-1196	2	Washer-Stem, Valve
99:3	127-1195	1	Seat-Stem, Valve
99:4	127-1190	1	Fork-Stem, Valve
99:5	127-1192	2	Seat-Ball
99:6	127-1188	2	O-Ring, Seat (Ball)
99:7	127-1187	2	O-Ring, Endcap
99:8	127-1189	2	O-Ring, Endcap

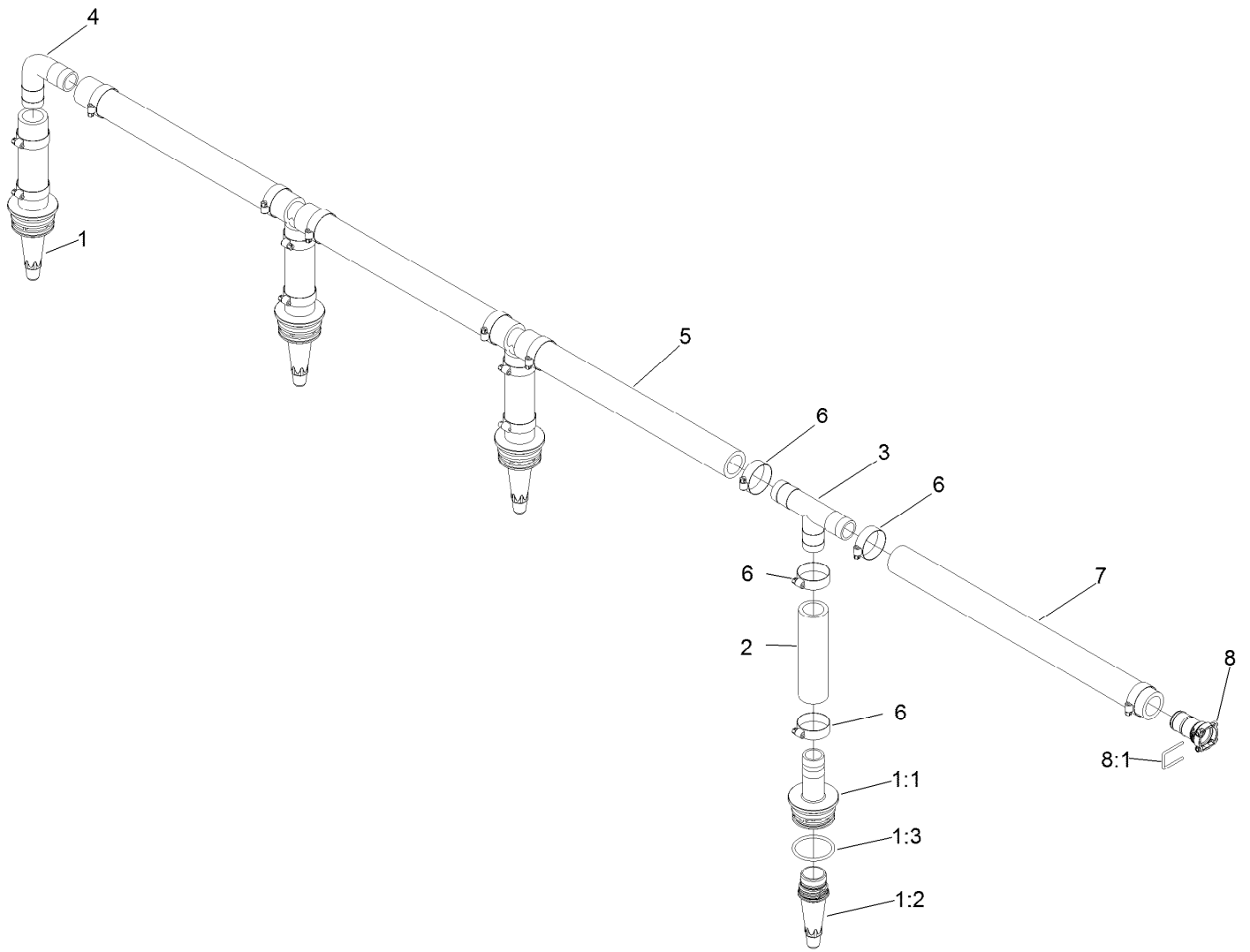
● Not illustrated



Pump Assembly No. 137-4230

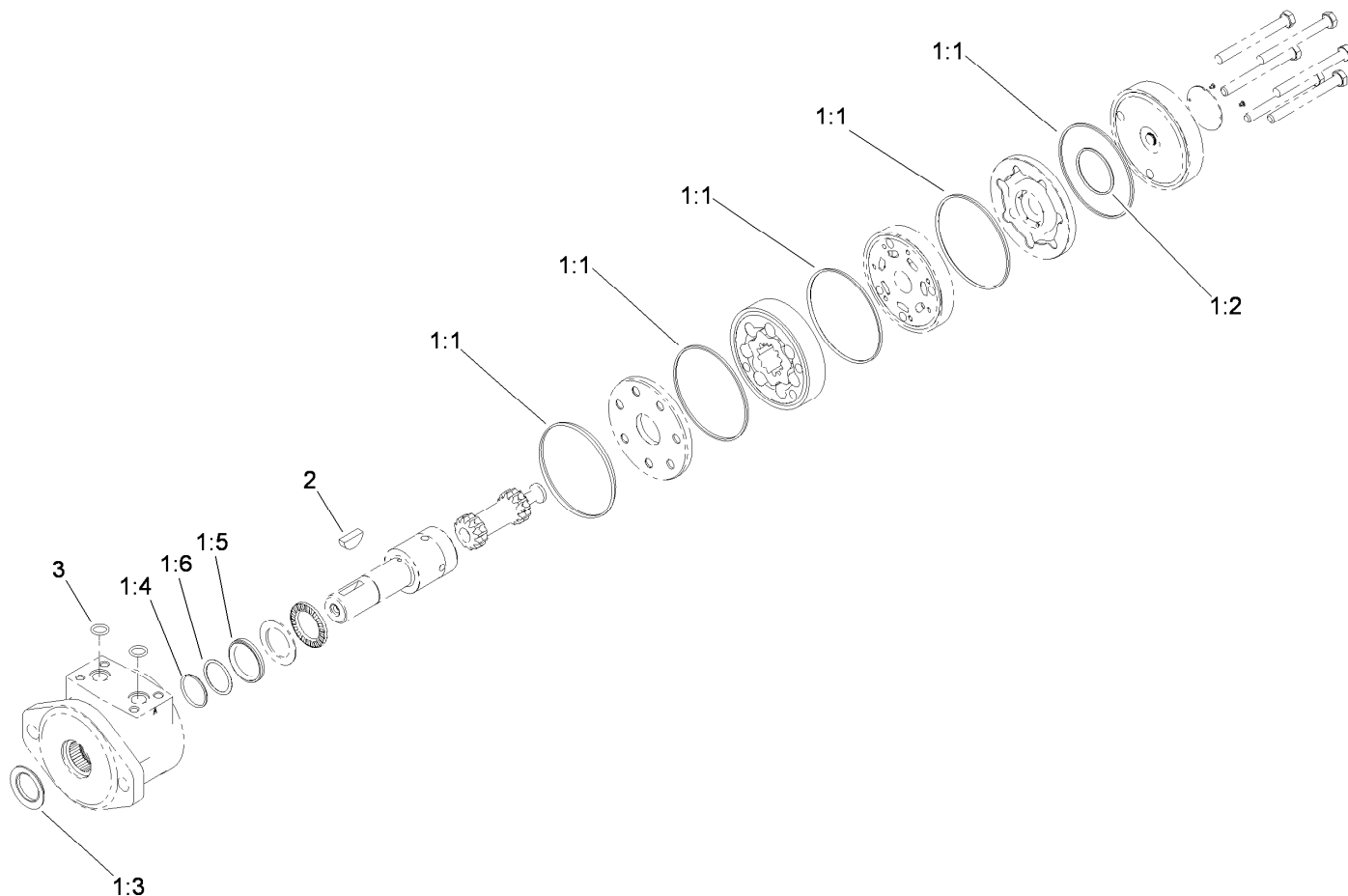
Ref.	Part Number	Qty.	Description
1	120-0773	20	Bolt-Hex
2	133-2824	6	Cover-Pump, Hardened
3	120-0777	6	Bolt-Hex
4	120-0778	6	Disc-Diaphragm
5	120-0779	6	Diaphragm
6	120-0780	6	Disc-Backing, Diaphragm
7	120-0781	6	Rod-Connecting
8	99-0861	10	Valve-Pump
9	100-6651	12	O-Ring
10	120-0783	2	Seal-Oil
11	120-0786	2	Seal
12	120-0785	2	Plug
13	133-2877	1	Tube-Banjo, Long
14	133-2878	2	Nut
15	133-2879	2	Nipple-Grease
16	133-2880	2	Cap-Grease Nipple, Yellow
17	136-2252	1	Bolt-Hex
18	133-2875	1	Plate-Nipple, Grease
19	133-2876	1	Tube-Banjo, Short
20	120-0774	4	Bolt-Hex
21	120-0787	1	Foot-Pump

Ref.	Part Number	Qty.	Description
22	133-2830	2	Bolt-Banjo
23	136-2251	4	Gasket
24	133-2821	1	Housing-Pump, Main
25	120-0788	2	Bearing-Ball
26	133-2820	2	Spacer-Metal
27	120-0791	2	Bearing-Ball
28	133-2827	1	Distance Ring
29	133-2825	1	Shaft-Crank
30	120-0793	2	Valve W/Hole
31	120-0794	3	Bolt-Hex
32	133-2822	1	Housing-Pump, Front
33	120-0784	4	Bolt-Hex
34	120-0796	1	Pump Kit
34:1	120-0777	6	Bolt-Hex
34:2	99-0861	10	Valve-Pump
34:3	120-0793	2	Valve W/Hole
34:4	100-6651	12	O-Ring
34:5	120-0778	6	Disc-Diaphragm
34:6	120-0779	6	Diaphragm
35	133-2898	1	Pump Head Kit
35:1	133-2824	6	Cover-Pump, Hardened



Agitation Hose Assembly No. 139-3093

Ref.	Part Number	Qty.	Description
1	131-3731	4	Agitation Nozzle ASM
1:1	131-3732	1	Fitting-Barb
1:2	120-8579	1	Nozzle-Agitation
1:3	121-4996	1	O-Ring
2	119-0441	4	Hose-Agitaiton
3	117-7866	3	Tee-Hosebarb
4	117-7867	1	Elbow-Hosebarb
5	117-7862	3	Hose-Main Agitation
6	2412-34	16	Clamp-Hose
7	137-4181	1	Hose-Agitation
8	127-9806	1	Fitting Kit
8:1	133-0398	1	Pin-Fork

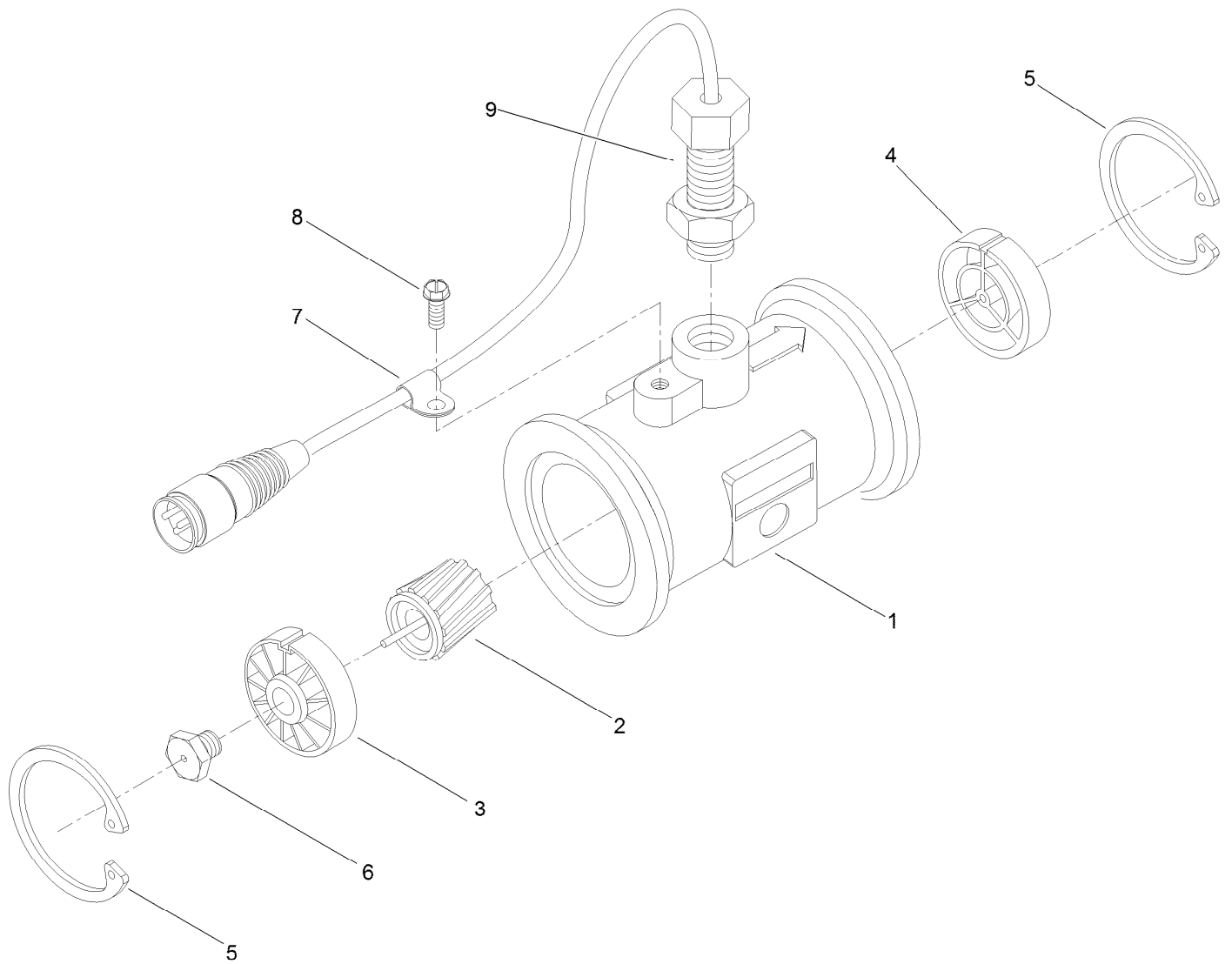


Hydraulic Motor Assembly No. 117-0706

Ref.	Part Number	Qty.	Description
1	119-0433	1	Wheel Motor Seal Kit ●
1:1		5	Seal-Ring ■
1:2		1	Seal-Commutator ■
1:3		1	Seal-Dirt And Water ■
1:4		1	Ring-Backing ■
1:5		1	Seal-Shaft ■
1:6		1	Washer-Backup ■
2	3257-8	1	Key-Woodruff
3	120-0691	2	O-Ring

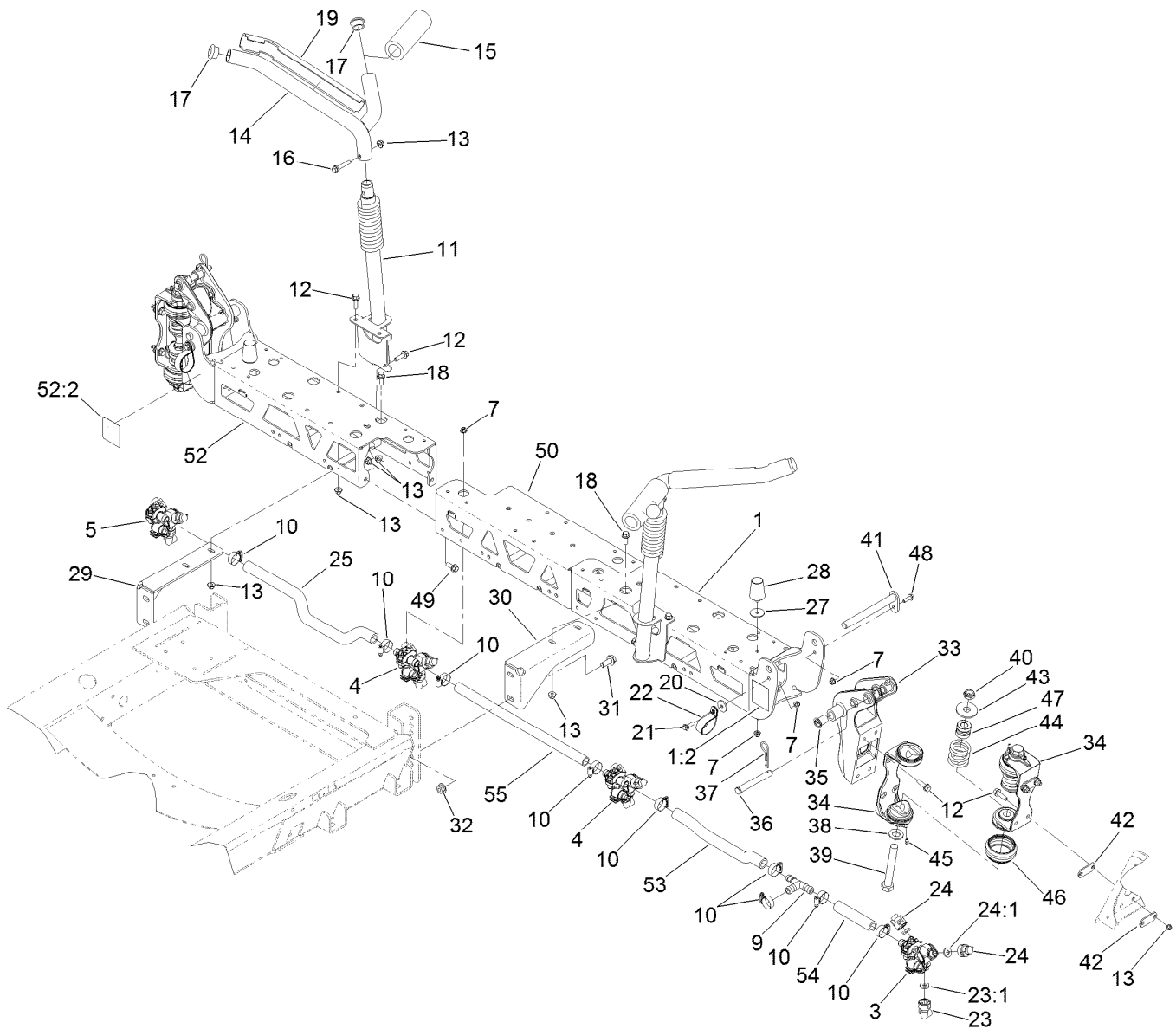
● Not illustrated

■ Not serviced separately



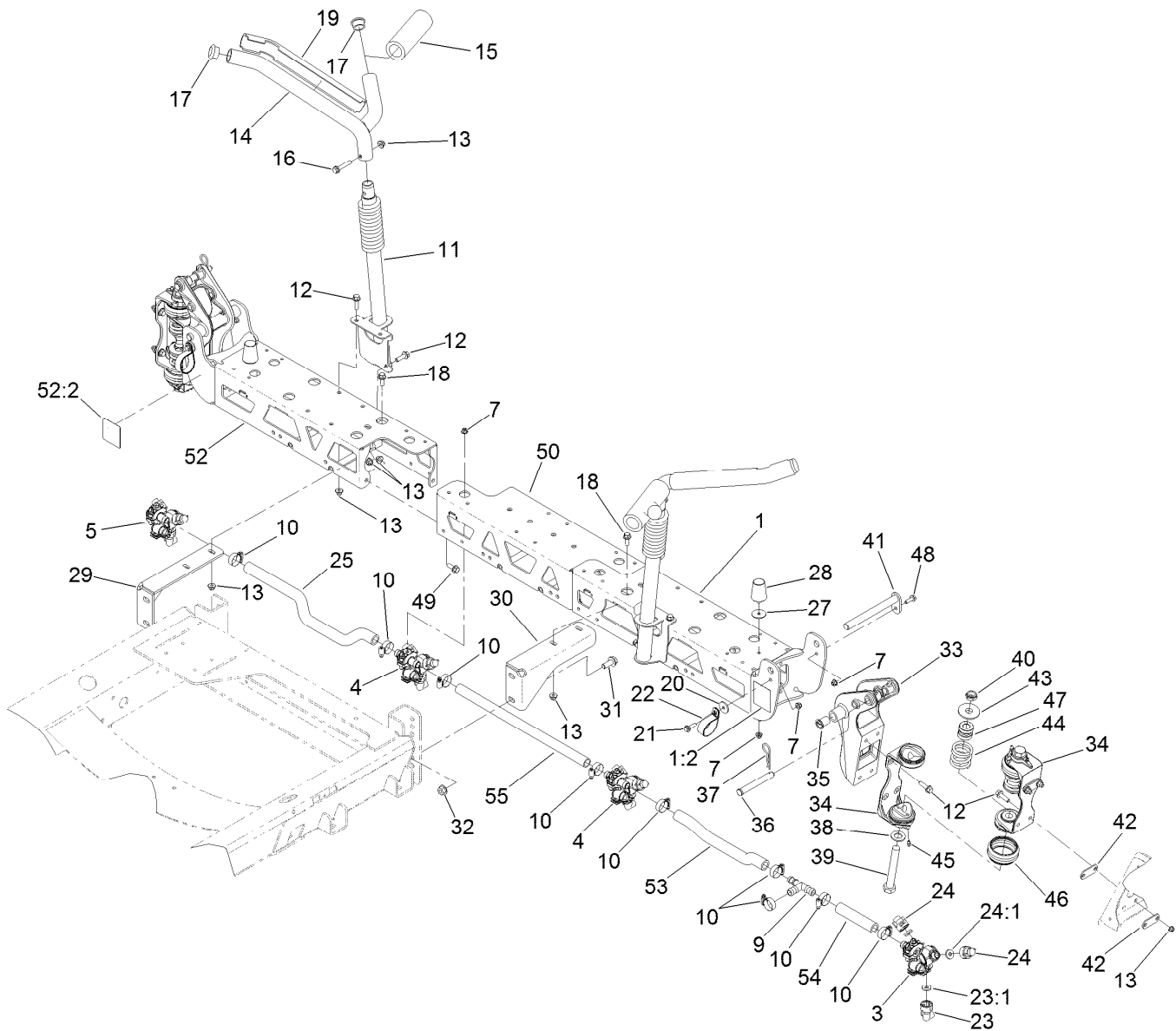
Flow Meter Assembly No. 138-6128

Ref.	Part Number	Qty.	Description
1	106-1042	1	Body-Meter, Flow
2	104-9059	1	Rotor / Magnet ASM
3	104-9060	1	Upstream Hub And Bearing ASM
4	104-9061	1	Downstream Hub ASM
5	104-9062	2	Ring-Retaining, Internal
6	42480	1	Stud-Turbine (W / Bearing)
7	104-9063	1	Clamp-Cable
8	104-9064	1	Screw-HWHTF
9	138-6129	1	Sensor-Meter, Flow



Center Boom Assembly

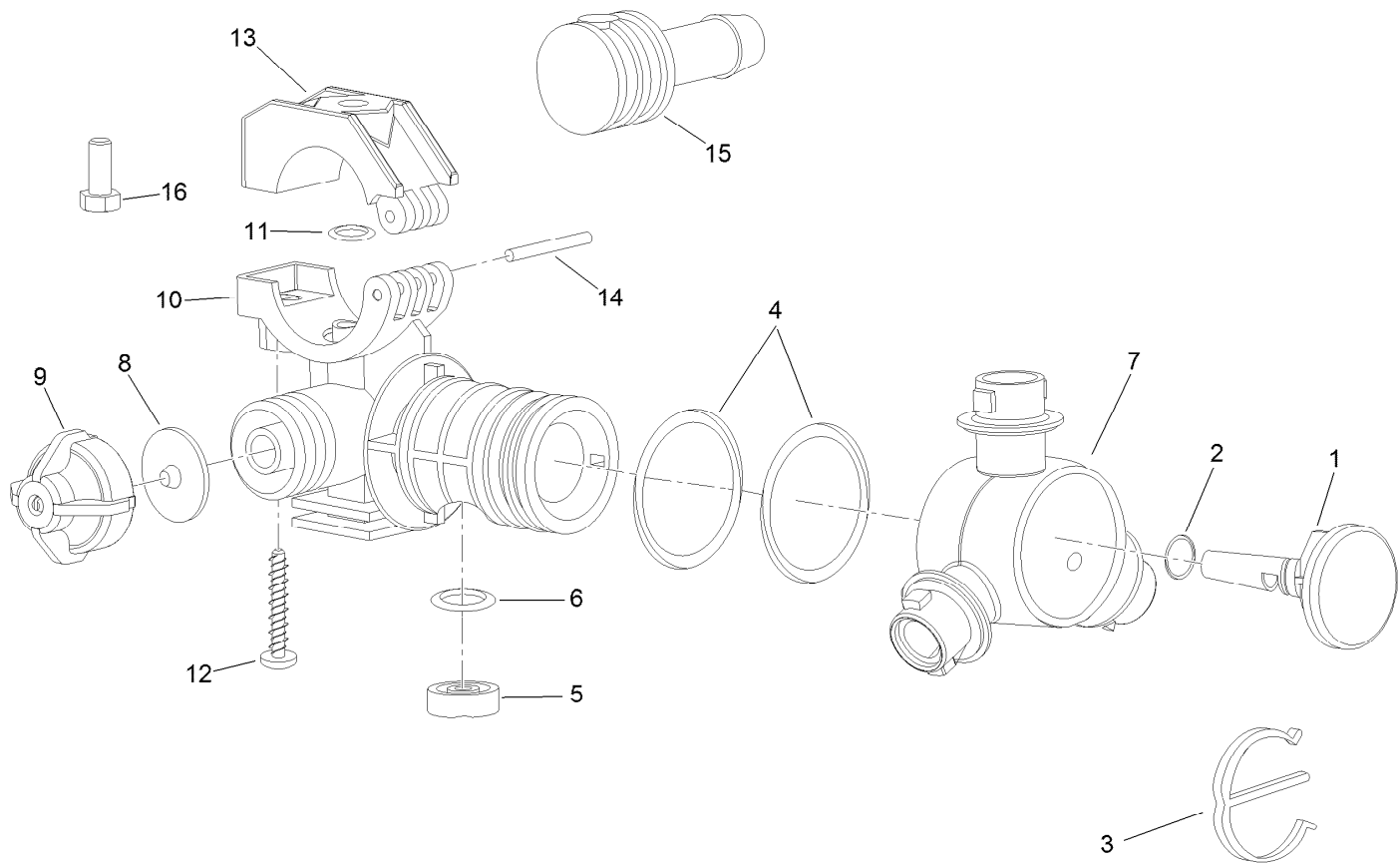
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	136-0381	1	Boom-LH	23	95-9186	4	Cap
1:2	120-0617	2	Decal-Warning, Pinch, Crush	23:1	40998	1	Seat-Gasket
3	108-3725	1	LH Single Body Turret ASM	24	95-9187	8	Cap-Blank
4	108-3727	2	Double Turret Body ASM	24:1	40998	1	Seat-Gasket
5	108-3726	1	RH Single Body Turret ASM	25	108-3735	1	Hose-Boom, Center (LH)
7	104-8300	10	Nut-HF, NI	27	3256-68	2	Washer-Flat
9	108-3439	1	Tee	28	110-5070	2	Bumper
10	2412-129	9	Clamp-Hose	29	127-8955-03	1	Mount-Boom
11	130-8238-03	2	Lower Cradle ASM	30	127-8956-03	1	Mount-Boom
12	110-5050	22	Screw-HHF	31	110-5057	4	Capscrew-HHF
13	104-8301	32	Nut-HF, NI	32	108-3745	4	Nut-HHF, Whiz
14	108-3476-03	2	Cradle-Upper	33	119-4993-03	2	Bracket-Pivot
15	108-3457	2	Spacer	34	108-3471-03	4	Hinge
16	108-3742	2	Screw-HHF	35	100-8541	4	Bushing-A Arm
17	108-3489	4	Cap-Tube	36	108-3436	2	Pin-Clevis
18	110-5052	4	Screw-HHF	37	3290-468	2	Pin-Cotter
19	108-3495	2	Cover-Slide	38	110-5054	4	Washer-Flat
20	108-3743	2	Washer	39	108-3738	4	Screw-HH
21	108-3744	2	Screw-Shoulder	40	3296-15	4	Nut-Lock, NI
22	114-9566	2	Clamp-R	41	108-3419	2	Pivot Pin ASM
				42	108-3605	8	Plate-Backing



Center Boom Assembly (continued)

Ref.	Part Number	Qty.	Description
43	108-3444	4	Retainer-Spring
44	108-3440	4	Spring-Breakaway, Boom
45	302-5	8	Fitting-Grease
46	108-3459	4	Boot-Hinge
47	120-8541	4	Dampener-Hinge
48	108-3748	2	Screw-HHF
49	3234-42	4	Screw-HHF

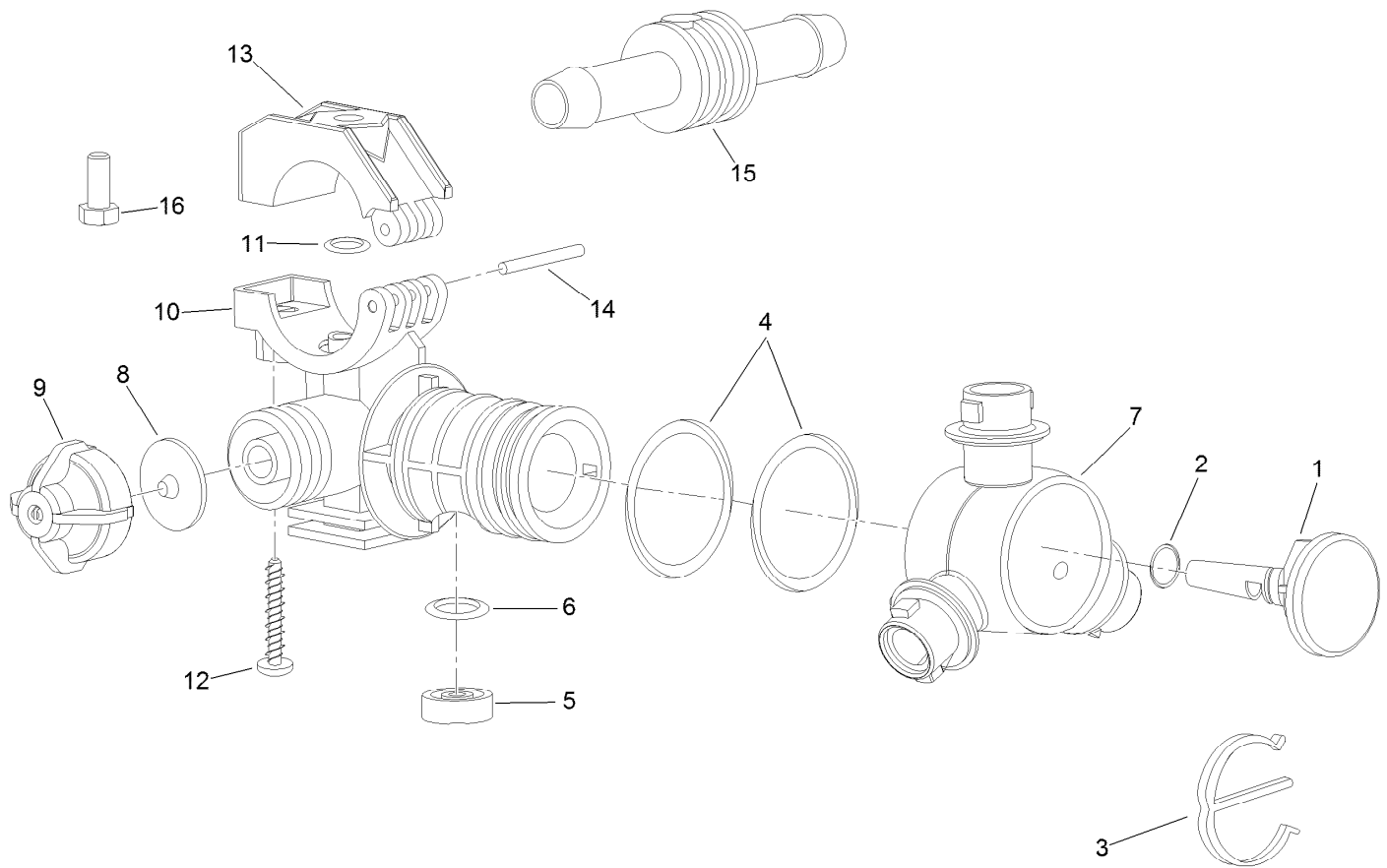
Ref.	Part Number	Qty.	Description
50	133-0412-03	1	Center-Center, Boom
52	136-0382	1	Boom-RH
52:2	120-0617	2	Decal-Warning, Pinch, Crush
53	136-0438	1	Hose-Formed
54	108-3728	1	Hose-Boom
55	40506	1	Hose-Jumper



LH Single Turret Body Assembly No. 108-3725

Ref.	Part Number	Qty.	Description
1	95-9200	1	Plug
2	95-9198	1	O-Ring
3	95-9197	1	E-Clip
4	95-9199	2	O-Ring
5	108-3264	1	Seal-Viton
6	108-3265	1	O-Ring-Viton
7	95-9196	1	Turret
8	41003	1	Diaphragm

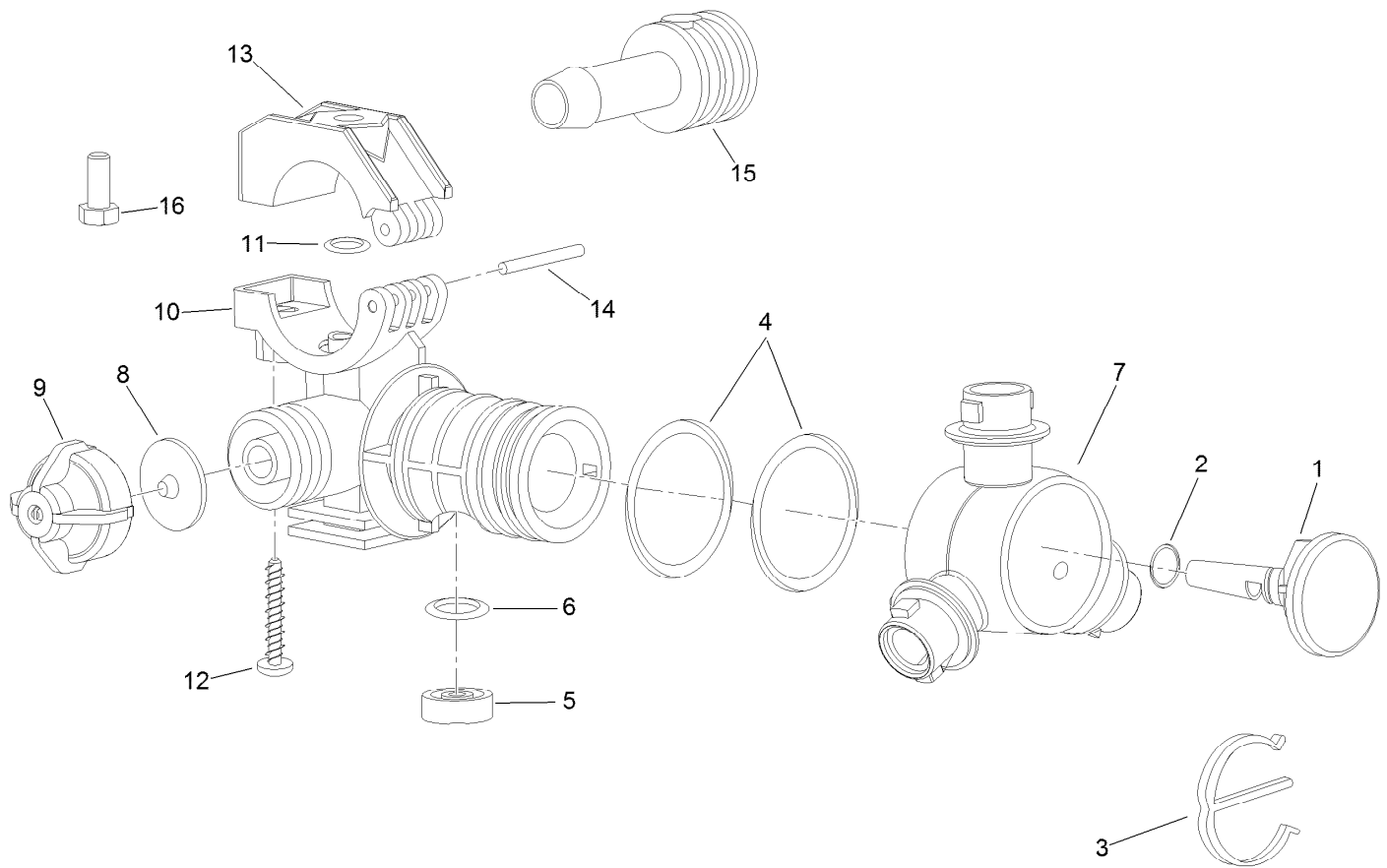
Ref.	Part Number	Qty.	Description
9	95-9193	1	Cap-Diaphragm
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9201	1	Shank-Hose
16	322-3	1	Screw-HH



Double Turret Body Assembly No. 108-3727

Ref.	Part Number	Qty.	Description
1	95-9200	1	Plug
2	95-9198	1	O-Ring
3	95-9197	1	E-Clip
4	95-9199	2	O-Ring
5	108-3264	1	Seal-Viton
6	108-3265	1	O-Ring-Viton
7	95-9196	1	Turret
8	41003	1	Diaphragm

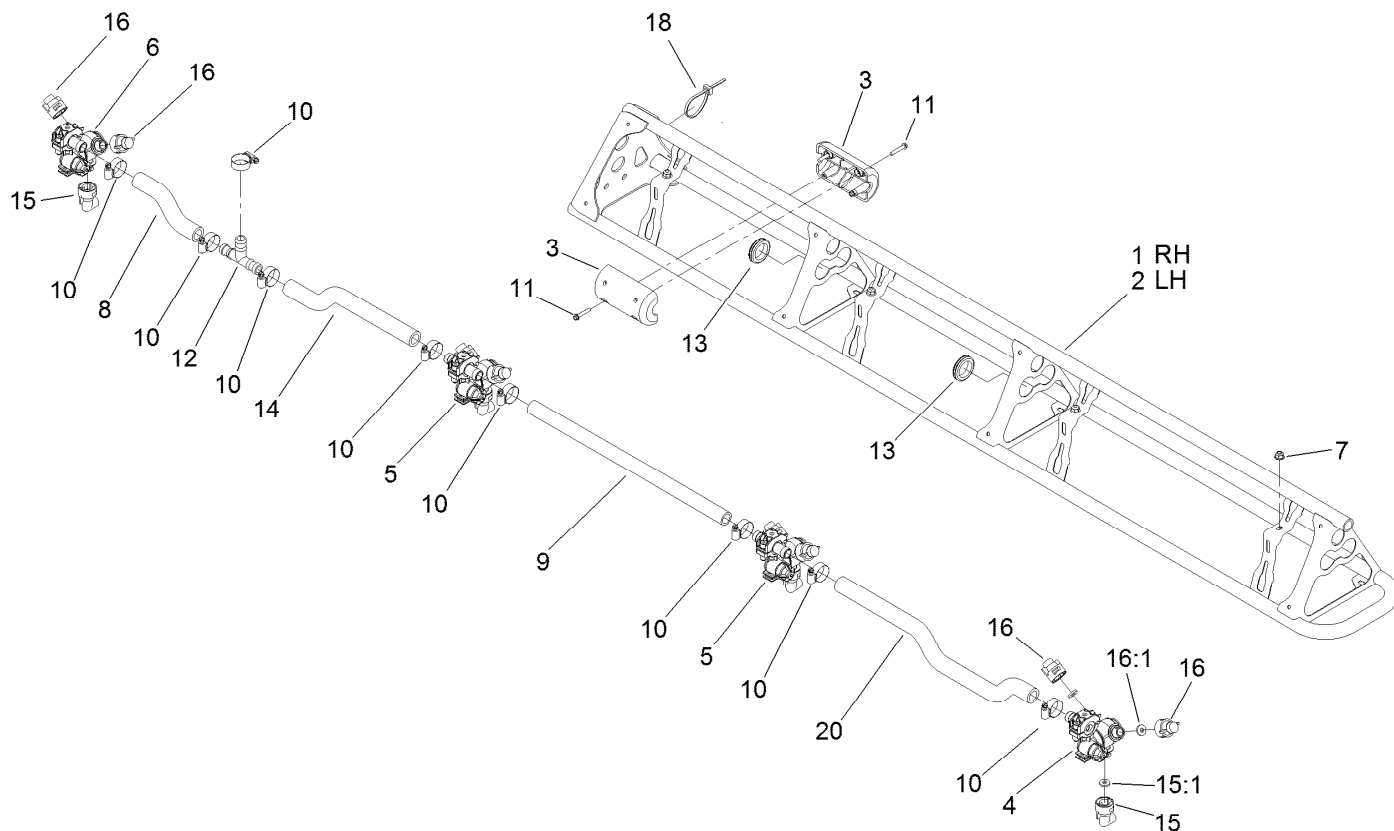
Ref.	Part Number	Qty.	Description
9	95-9193	1	Cap-Diaphragm
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9202	1	Shank-Hose
16	322-3	1	Screw-HH



RH Single Body Turret Assembly No. 108-3726

Ref.	Part Number	Qty.	Description
1	95-9200	1	Plug
2	95-9198	1	O-Ring
3	95-9197	1	E-Clip
4	95-9199	2	O-Ring
5	108-3264	1	Seal-Viton
6	108-3265	1	O-Ring-Viton
7	95-9196	1	Turret
8	41003	1	Diaphragm

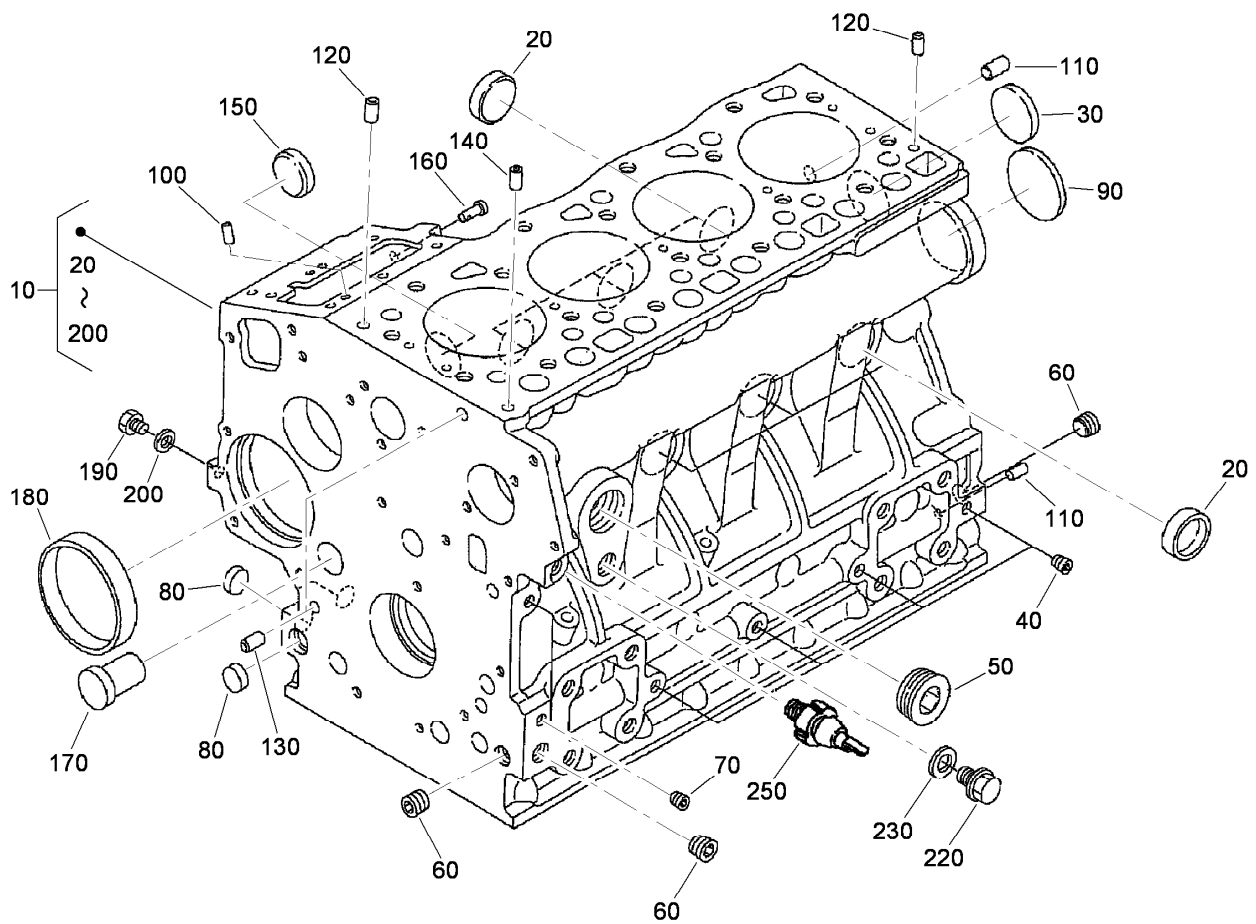
Ref.	Part Number	Qty.	Description
9	95-9193	1	Cap-Diaphragm
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9201	1	Shank-Hose
16	322-3	1	Screw-HH



Left and Right Hand Boom Assembly

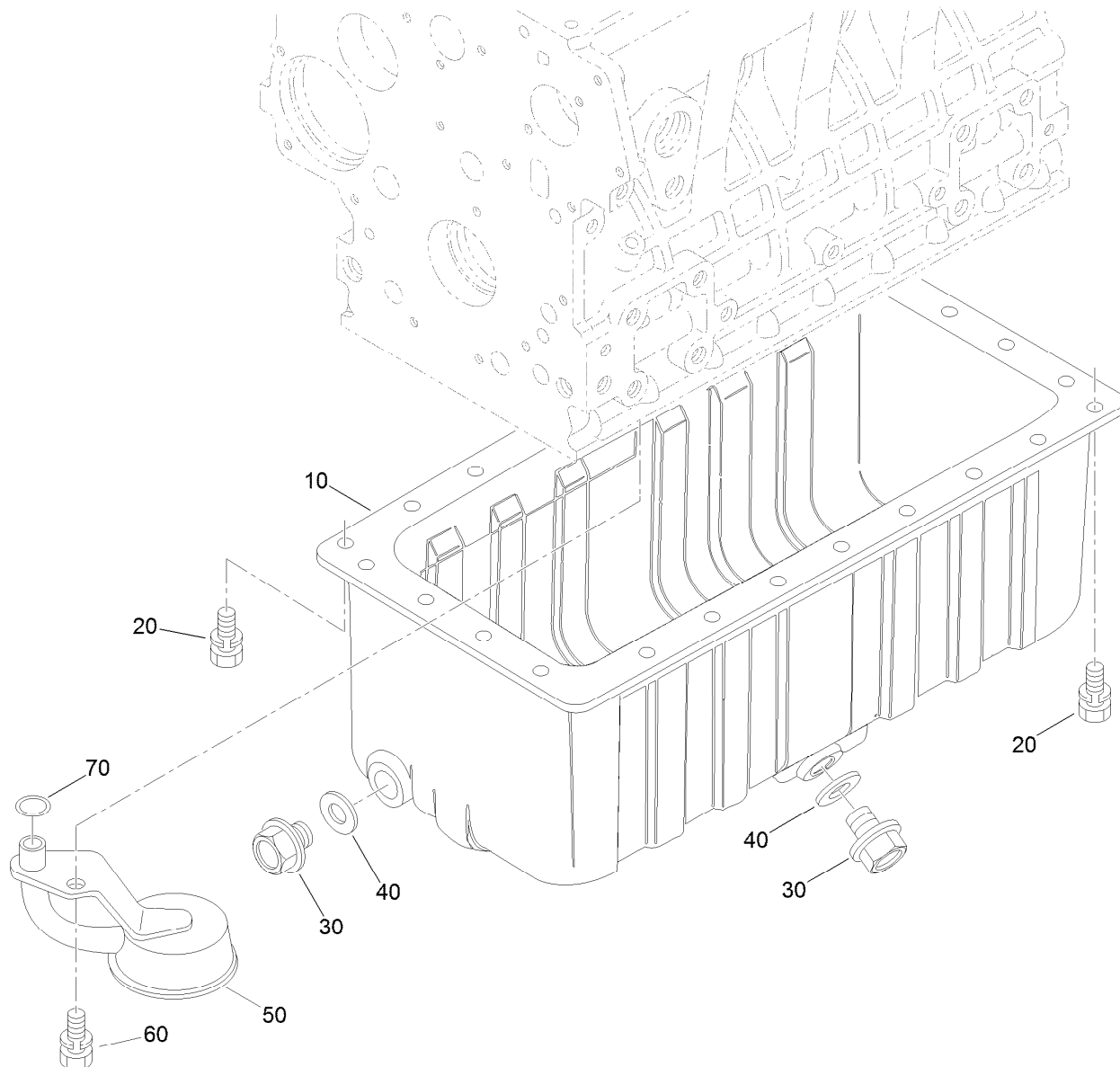
Ref.	Part Number	Qty.	Description
1	108-3524-03	1	Boom-RH
2	108-3525-03	1	Boom-LH
3	119-9368	4	Block Slide
4	108-3725	2	LH Single Body Turret ASM
5	108-3727	4	Double Turret Body ASM
6	108-3726	2	RH Single Body Turret ASM
7	104-8300	8	Nut-HF, NI
8	136-0437	2	Hose-Formed
9	40506	2	Hose-Jumper
10	2412-129	18	Clamp-Hose

Ref.	Part Number	Qty.	Description
11	119-9369	8	Screw-HHF
12	108-3439	2	Tee
13	240-3	4	Grommet-Rubber
14	136-0436	2	Hose-Formed
15	95-9186	8	Cap
15:1	40998	1	Seat-Gasket
16	95-9187	16	Cap-Blank
16:1	40998	1	Seat-Gasket
18	3290-378	2	Tie-Cable
20	108-3735	2	Hose-Boom, Center (LH)



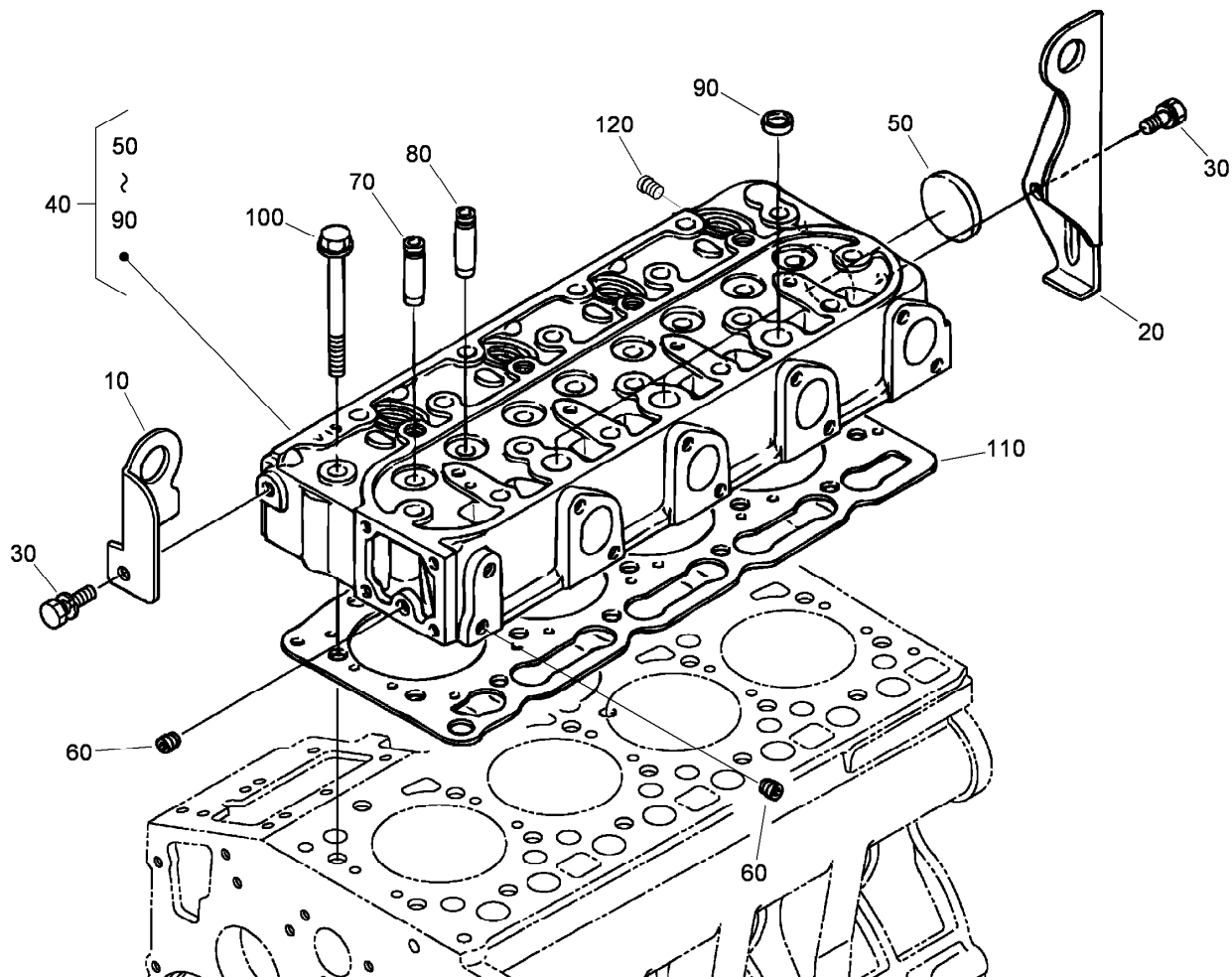
Crankcase Assembly

Ref.	Part Number	Qty.	Description
10	120-2558	1	Crankcase ASM
20	98-9398	1	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-9687	4	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-9379	3	Plug-Expansion
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-9376	2	Pin-Straight
130	98-9387	2	Pin-Pipe
140	98-9539	1	Pin-Pipe
150	98-9599	1	Plug
160	105-3796	1	Pin-Spring, Start
170	98-9675	1	Plug
180	98-9656	1	Bushing-Governor, Gear
190	98-7507	1	Plug
200	98-7428	1	Gasket
220	99-3447	1	Plug
230	106-7056	1	Gasket
250	98-9416	1	Switch-Oil



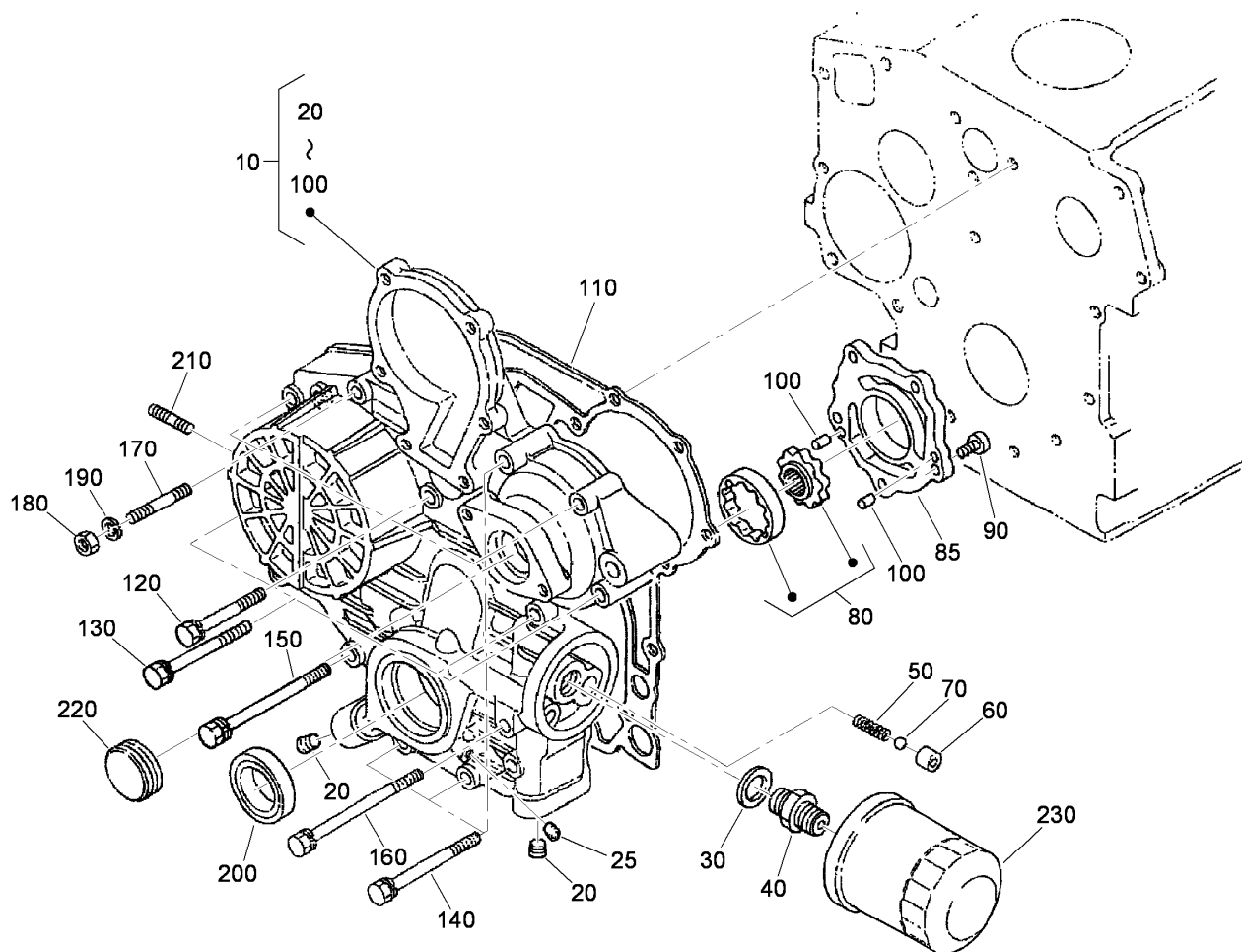
Oil Pan Assembly

Ref.	Part Number	Qty.	Description
10	108-2852	1	Oil Pan ASM
20	98-9351	26	Bolt
30	114-8151	2	Plug-Drain
40	98-7524	2	Gasket
50	112-7003	1	Head-Filter, Oil
60	98-7526	1	Bolt
70	105-3776	1	O-Ring



Cylinder Head Assembly

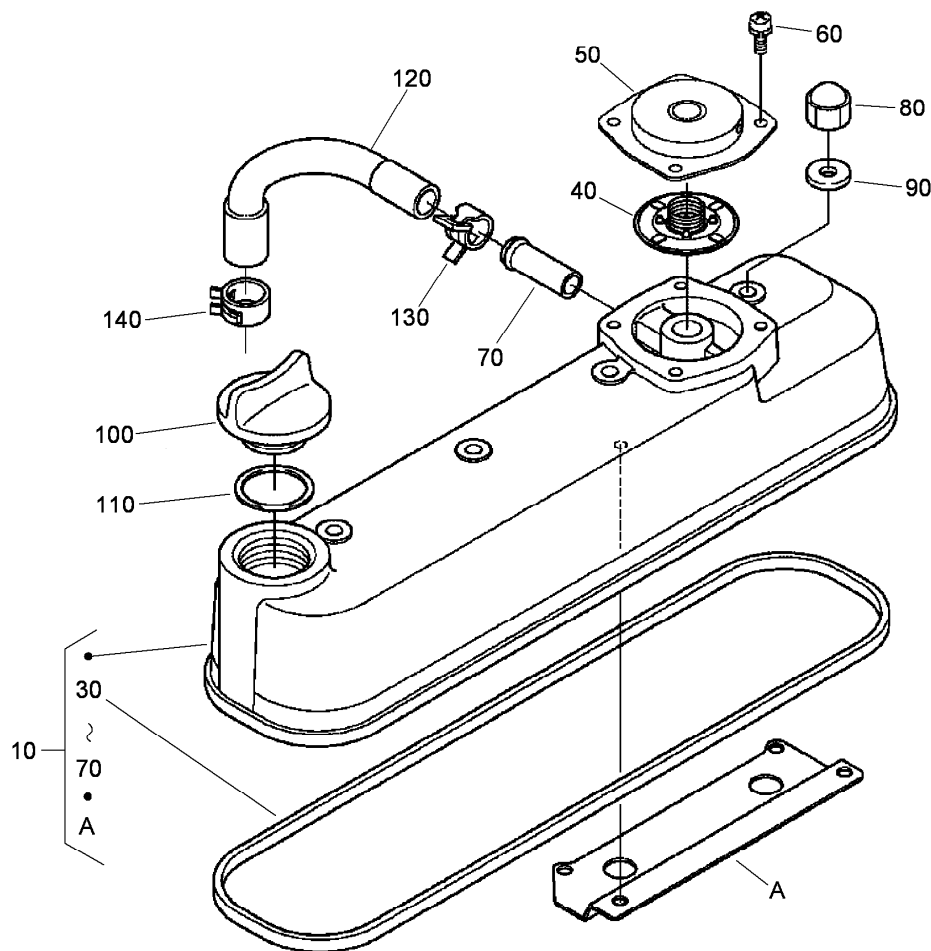
Ref.	Part Number	Qty.	Description
10	98-9477	1	Hook-Engine
20	98-9478	1	Hook-Engine
30	100-9195	2	Bolt
40	115-3012	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	4	Guide-Valve, Inlet
80	107-9067	4	Guide-Valve, Exhaust
90	98-9389	3	Cap-Sealing
100	98-9479	18	Bolt-Head, Cylinder
110	127-0434	1	Gasket-Head, Cylinder
120	98-9444	1	Plug



Gear Case Assembly

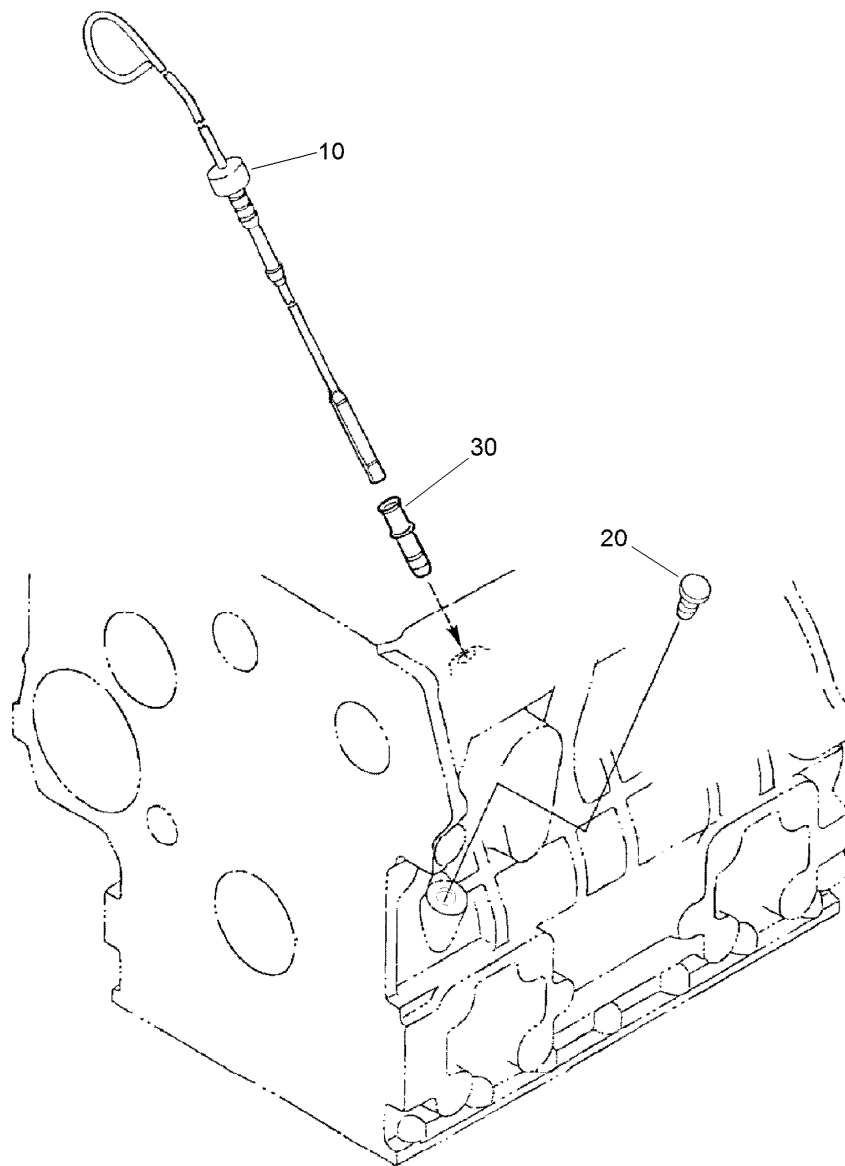
Ref.	Part Number	Qty.	Description
10	115-4105	1	Gear Case ASM
20	127-0425	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9071	5	Screw
100	107-9072	2	Pin-Straight
110	98-9633	1	Gasket-Case, Gear

Ref.	Part Number	Qty.	Description
120	100-1765	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt
150	107-9074	1	Bolt
160	99-3510	1	Bolt
170	105-3709	1	Stud
180	98-7572	1	Nut
190	98-7699	1	Washer-Spring
200	119-8038	1	Seal-Oil
210	105-3710	2	Stud
220	99-3515	1	Plug-Gearcase
230	108-3841	1	Filter-Oil



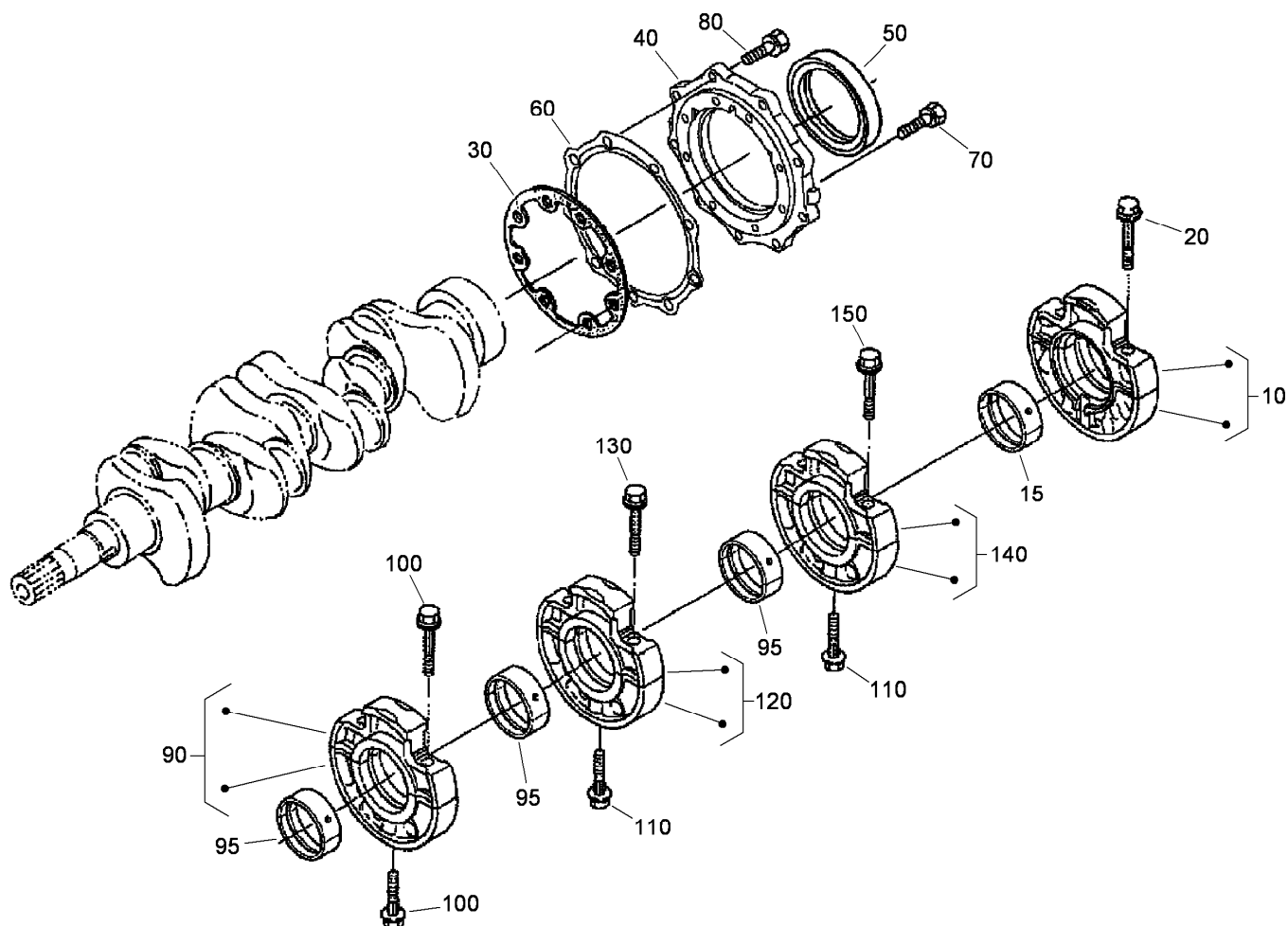
Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	115-3038	1	Cylinder Head Cover ASM
30	105-3712	1	Gasket-Cover, Head
40	110-3715	1	Valve-Breather
50	108-2862	1	Cover-Breather
60	98-9364	4	Screw (With Washer)
70	98-7766	1	Pipe-Return, Water
80	98-9455	4	Nut-Cap
90	98-9454	4	Gasket
100	107-9075	1	Plug-Filler, Oil
110	99-3446	1	O-Ring
120	108-2858	1	Tube-Breather
130	108-2859	1	Clamp-Hose
140	108-2860	1	Clamp-Hose



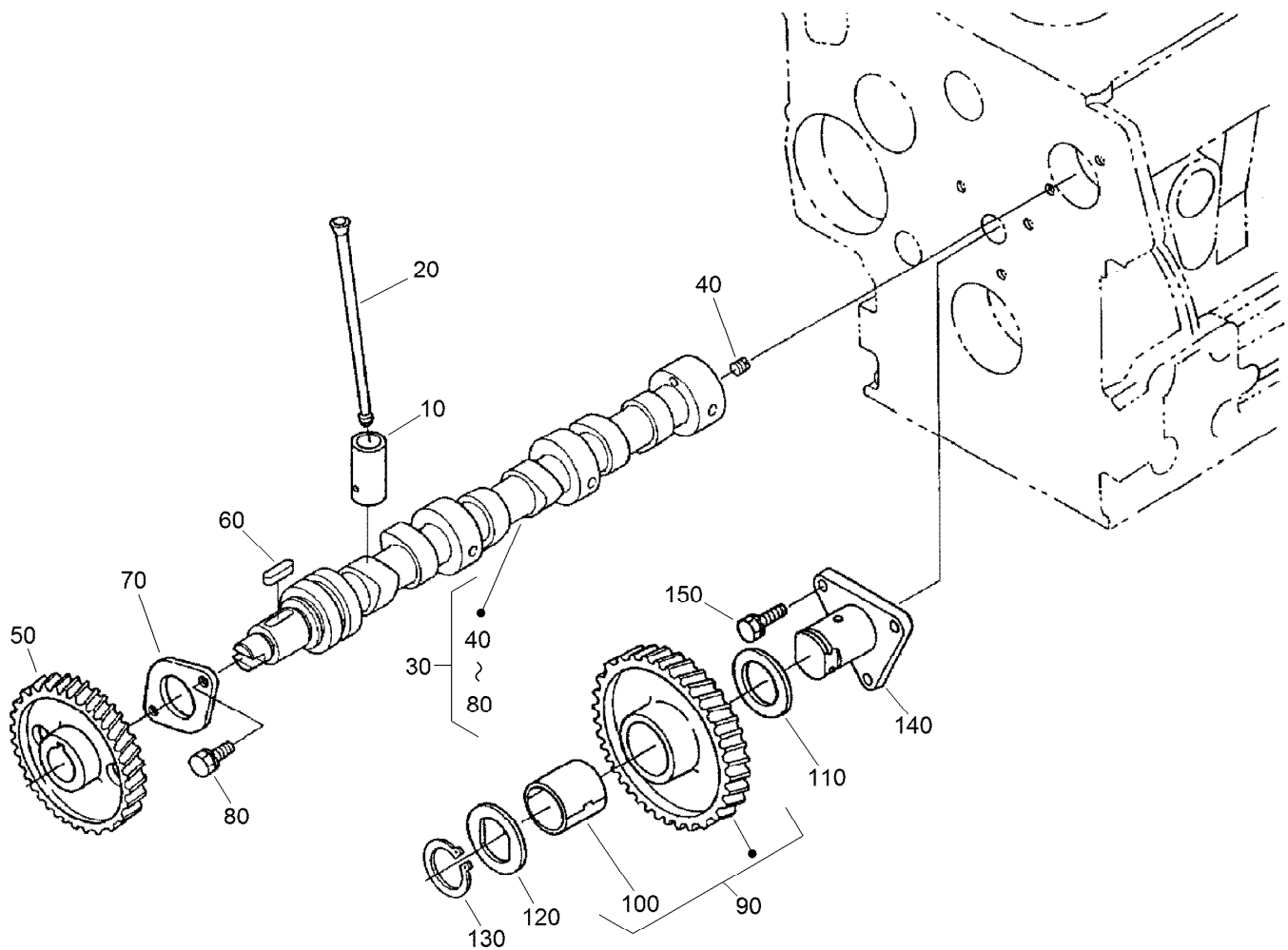
Dipstick and Guide Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3714	1	Gauge-Oil
20	110-3720	1	Plug-Gauge, Oil
30	105-4580	1	Guide-Gauge, Oil



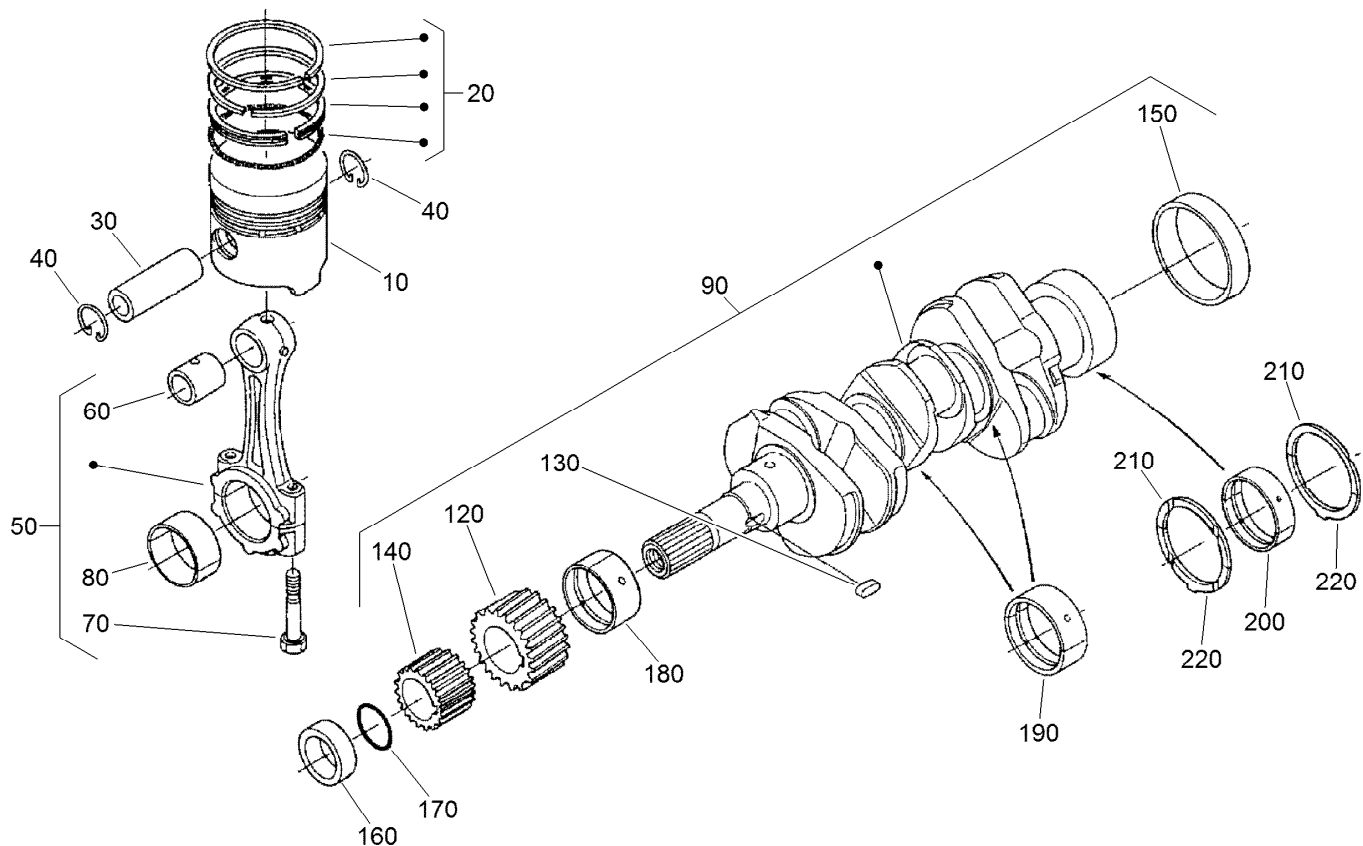
Main Bearing Case Assembly

Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
15	115-4121	1	Metal-Crankshaft (STD)
20	98-9484	2	Bolt-Case, Bearing
30	131-6554	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	112-7037	1	Gasket-Cover, Case
70	98-9352	8	Bolt
80	98-7568	9	Bolt
90	115-4106	1	Main Bearing Case ASM
95	98-9524	1	Metal-Crankshaft (STD Set)
100	98-9484	2	Bolt-Case, Bearing
110	98-9485	3	Bolt-Case, Bearing
120	115-4107	1	Main Bearing Case ASM
130	98-9484	2	Bolt-Case, Bearing
140	130-1265	1	Main Bearing Case ASM
150	98-9484	2	Bolt-Case, Bearing



Cam Shaft and Idle Gear Assembly

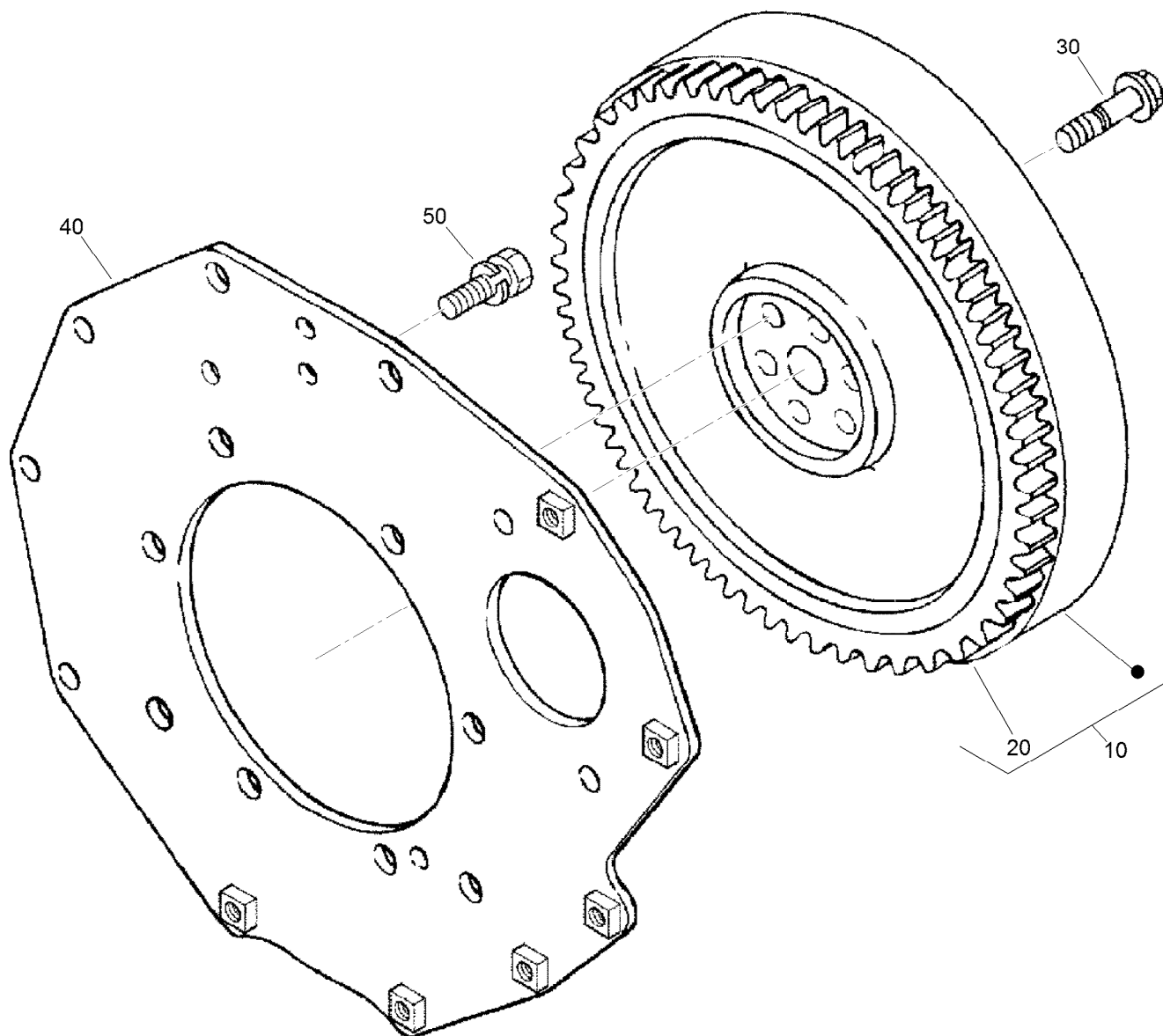
Ref.	Part Number	Qty.	Description
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	108-2865	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1	Collar-Gear, Idle
120	98-9536	1	Collar-Gear, Idle
130	98-9534	1	Circlip-Gear, Idle
140	98-9533	1	Shaft-Gear, Idle
150	98-7692	3	Bolt



Piston and Crankshaft Assembly

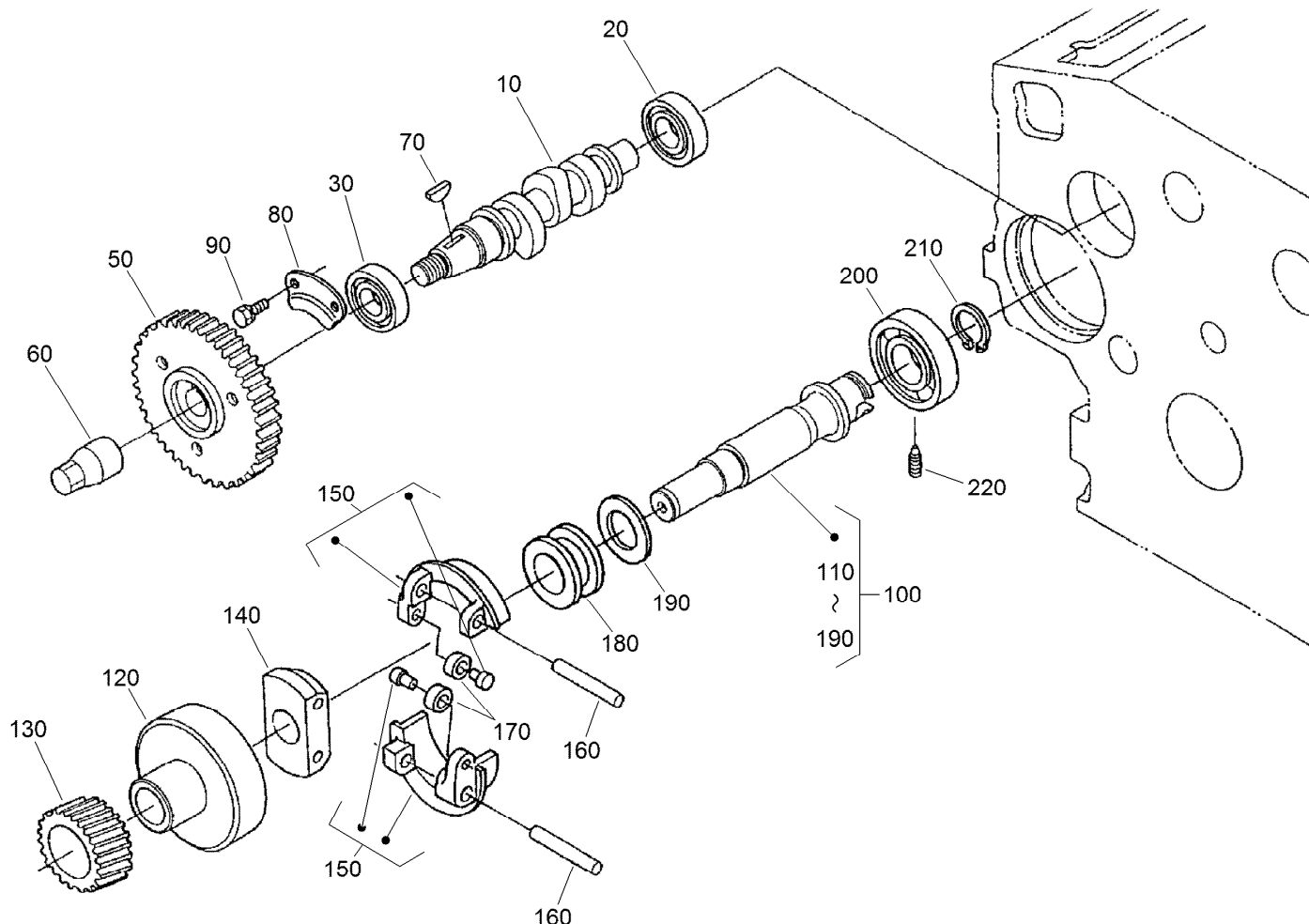
Ref.	Part Number	Qty.	Description
10	112-8404	4	Piston (STD)
10	112-8414	4	Piston (+0.5Mm)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (+0.5Mm)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	117-7586	4	Connecting Rod ASM
60	115-3014	4	Bushing-Pin, Piston
70	98-9517	8	Bolt-Rod, Connecting
80	98-9553	4	Bearing-Rod (STD)
80	98-9519	4	Bearing-Rod (-0.2Mm)
80	117-7588	4	Metal-Crankpin (-0.4Mm)
90	120-2561	1	Crankshaft ASM
120	98-9532	1	Gear-Crankshaft
130	98-9666	1	Key
140	98-9532	1	Gear-Crankshaft
150	98-9522	1	Sleeve-Crankshaft

Ref.	Part Number	Qty.	Description
160	98-9521	1	Collar-Crankshaft
170	105-3783	1	O-Ring
180	98-9523	1	Metal Crankshaft (STD)
180	98-9528	1	Bearing-Main (-0.2Mm)
180	98-9529	1	Bearing-Main (0.4Mm)
190	98-9524	3	Metal-Crankshaft (STD Set)
190	127-0433	3	Metal-Crankshaft (-0.2Mm)
190	98-9531	3	Bearing-Main (0.4Mm)
200	115-4121	1	Metal-Crankshaft (STD)
200	112-7039	1	Metal-Crankshaft (0.2Mm)
200	112-7040	1	Metal-Crankshaft (-0.4Mm)
210	98-9413	2	Bearing-Thrust (STD)
210	127-0416	2	Metal-Side (+0.2Mm)
210	98-9415	2	Bearing-Thrust (0.4Mm)
220	98-9688	2	Bearing-Thrust (STD)
220	127-0437	2	Metal-Side (+0.2Mm)
220	127-0438	2	Metal-Side (+0.40Mm)



Flywheel Assembly

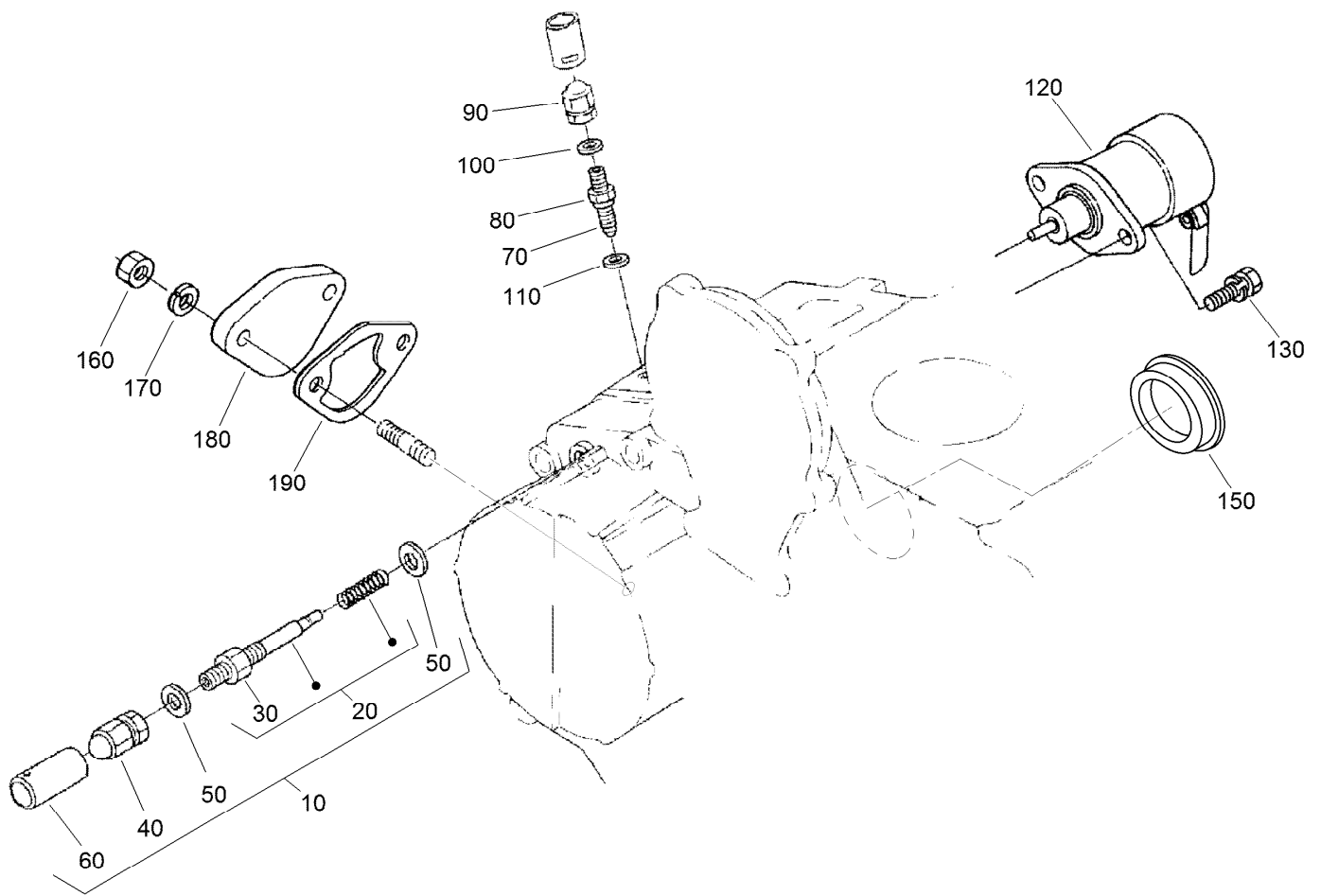
Ref.	Part Number	Qty.	Description
10	105-3721	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



Fuel Camshaft and Governor Shaft Assembly

Ref.	Part Number	Qty.	Description
10	105-3723	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
50	98-9669	1	Gear-Pump, Injection
60	98-9590	1	Nut-Cap
70	98-9595	1	Key-Woodruff
80	98-9511	1	Stopper-Fuel, Camshaft
90	98-7692	2	Bolt
100	105-3724	1	Governor Shaft ASM
110	105-3725	1	Shaft-Governor
120	98-9562	1	Holder-Gear, Governor

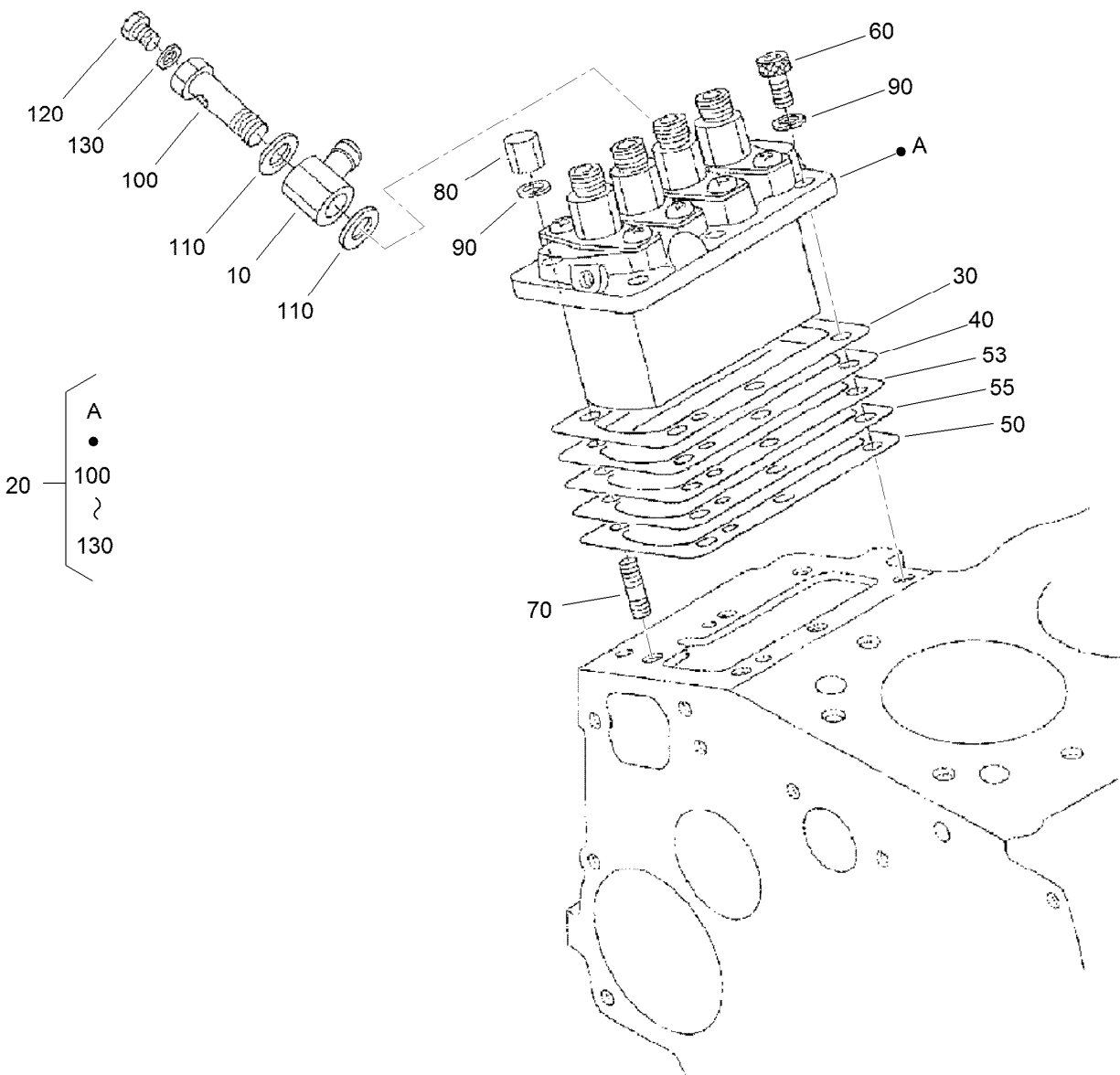
Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	98-9559	2	Governor Weight ASM
160	98-9560	2	Shaft-Weight, Governor
170	98-9692	2	Roller
180	98-9563	1	Sleeve-Governor
190	98-9564	1	Washer-Thrust
200	107-9079	1	Bearing-Ball
210	98-9657	1	Circlip-Shaft, Governor
220	98-9565	1	Screw-Set



Idle Apparatus Assembly

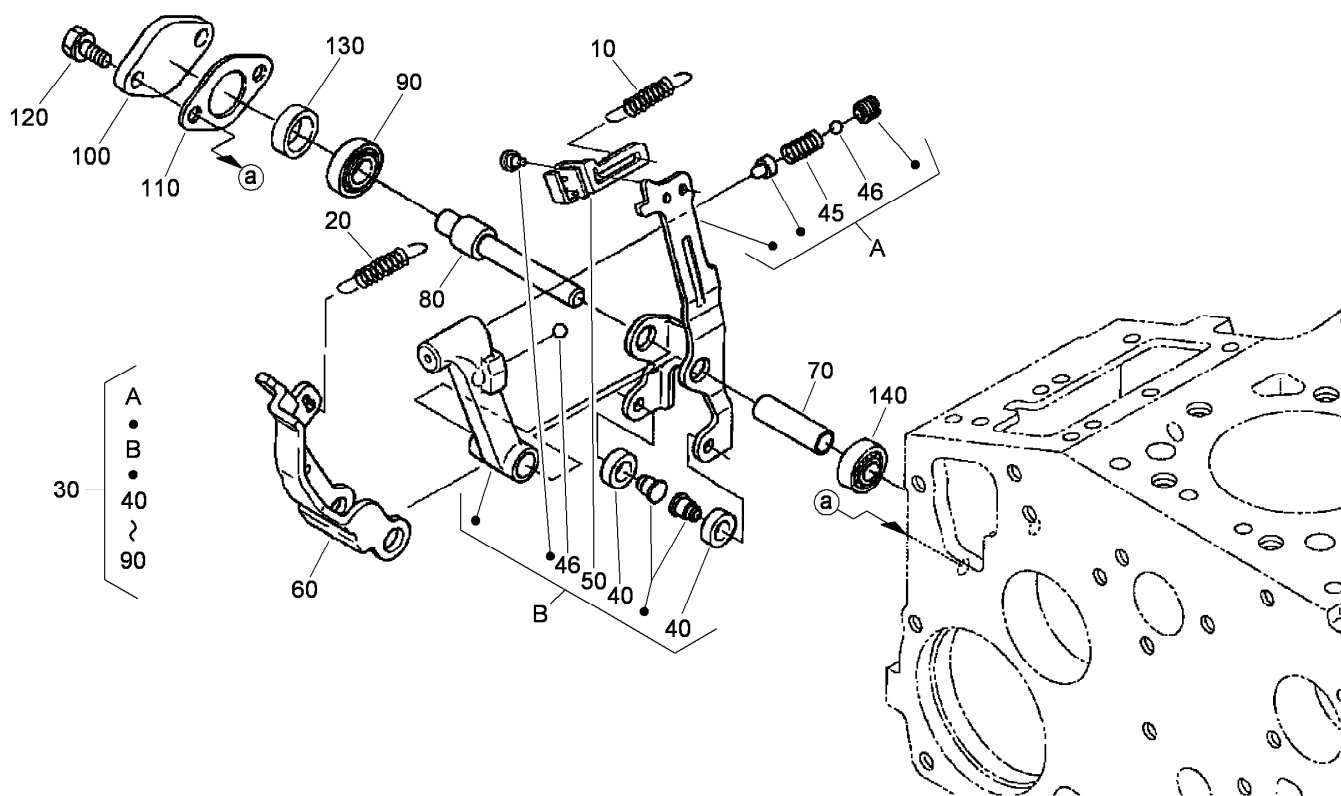
Ref.	Part Number	Qty.	Description
10	98-9678	1	Idle Apparatus ASM
20	112-7014	1	Adjusting Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	99-3512	1	Nut
90	112-0181	1	Nut

Ref.	Part Number	Qty.	Description
100	98-7654	1	Gasket
110	107-9081	1	Gasket
120	104-5155	1	Solenoid-Stop
130	115-3039	2	Bolt-HSH
150	112-7016	1	Cover-Pump
160	98-7572	2	Nut
170	98-7699	2	Washer-Spring
180	99-3514	1	Cover
190	98-9636	1	Gasket-Pump, Fuel



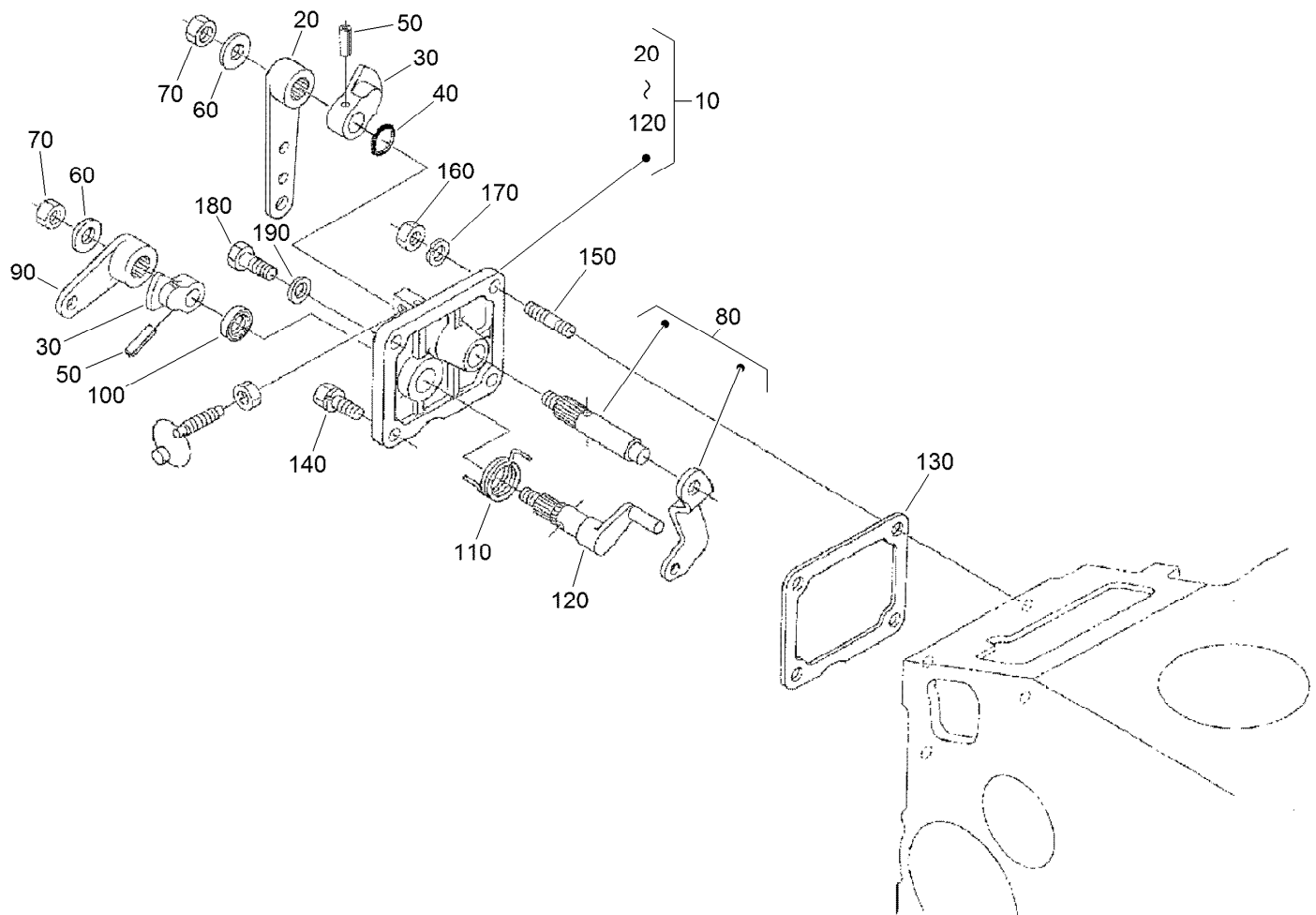
Injection Pump Assembly

Ref.	Part Number	Qty.	Description
10	98-9596	1	Joint-Eye
20	105-3727	1	Injection Pump ASM
30	105-3728	1	Shim-Pump, Injection (.20Mm)
40	105-3729	1	Shim-Pump, Injection (.25Mm)
50	105-3730	1	Shim-Pump, Injection (.30Mm)
53	115-3016	1	Shim-Pump, Injection (.350Mm)
55	115-3017	1	Shim-Pump, Injection (.175Mm)
60	98-9361	3	Bolt-HSH
70	98-9438	3	Stud
80	98-9440	3	Nut-Cap
90	98-7699	6	Washer-Spring
100	98-9464	1	Bolt-Joint
110	98-9445	2	Gasket
120	98-9430	1	Screw
130	98-9446	1	Gasket



Governor Assembly

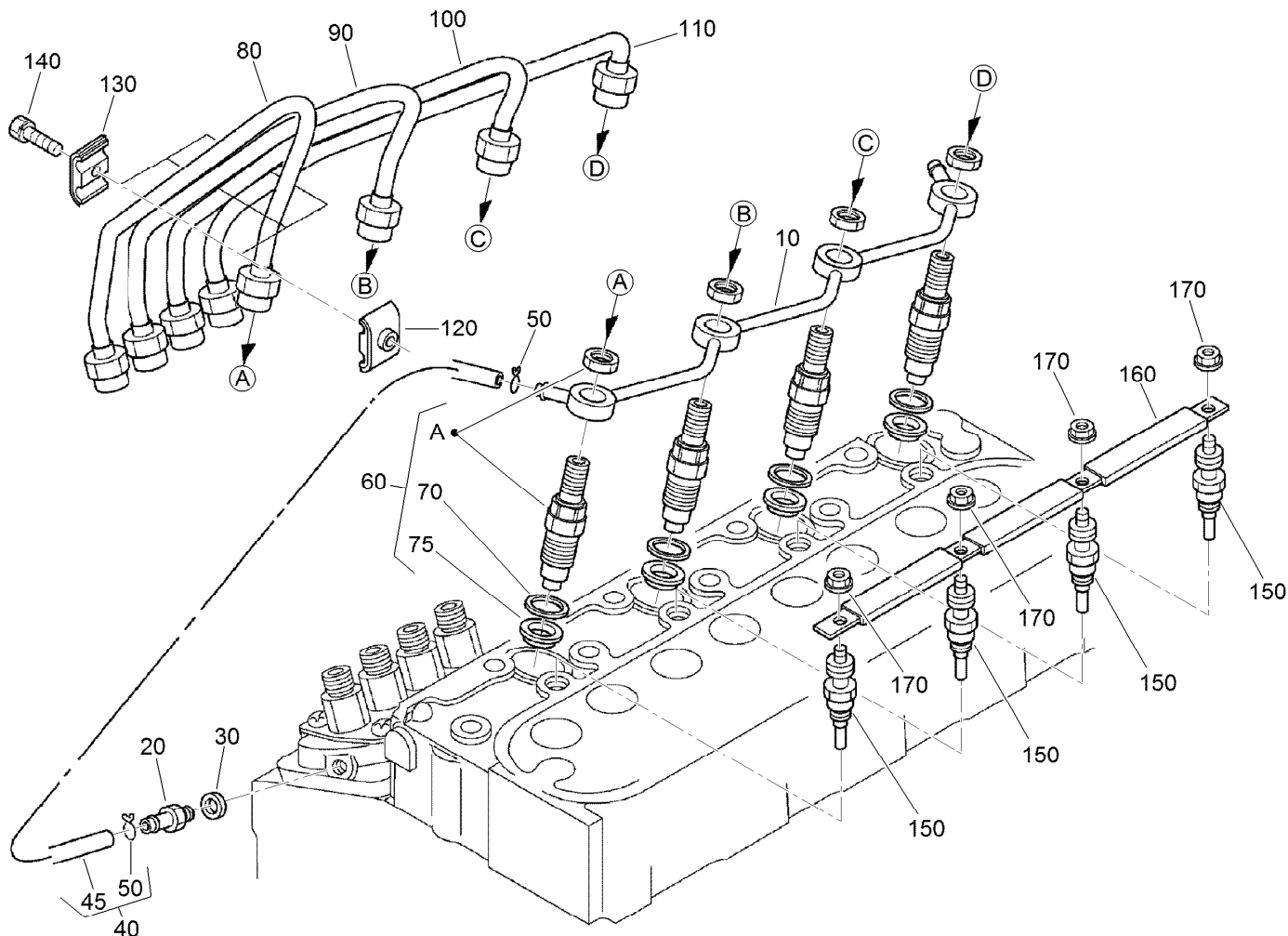
Ref.	Part Number	Qty.	Description
10	105-3741	1	Spring-Start
20	98-9681	1	Spring-Governor
30	115-4502	1	Fork Lever ASM
40	98-9692	2	Roller
45	108-2867	1	Spring
46	98-7580	2	Ball
50	107-9083	1	Lever-Thrust
60	107-9084	1	Lever-Fork
70	107-9085	1	Shaft-Lever, Fork
80	107-9086	1	Shaft-Lever, Fork
90	98-9570	1	Bearing-Miniaturize
100	98-9569	1	Cover-Shaft, Fork Lever
110	98-9682	1	Gasket
120	98-9350	2	Bolt
130	98-9567	1	Collar
140	98-9571	1	Bearing-Miniaturize



Speed Control Plate Assembly

Ref.	Part Number	Qty.	Description
10	105-3735	1	Control Plate ASM
20	98-9662	1	Lever-Control, Speed
30	98-9572	2	Lever-Control, Speed
40	105-3788	1	O-Ring
50	98-7602	2	Pin-Spring
60	98-9594	2	Washer-Plain
70	98-9589	2	Nut
80	98-9658	1	Governor Lever ASM
90	98-9663	1	Lever-Stop, Engine
100	98-7601	1	Seal-Oil

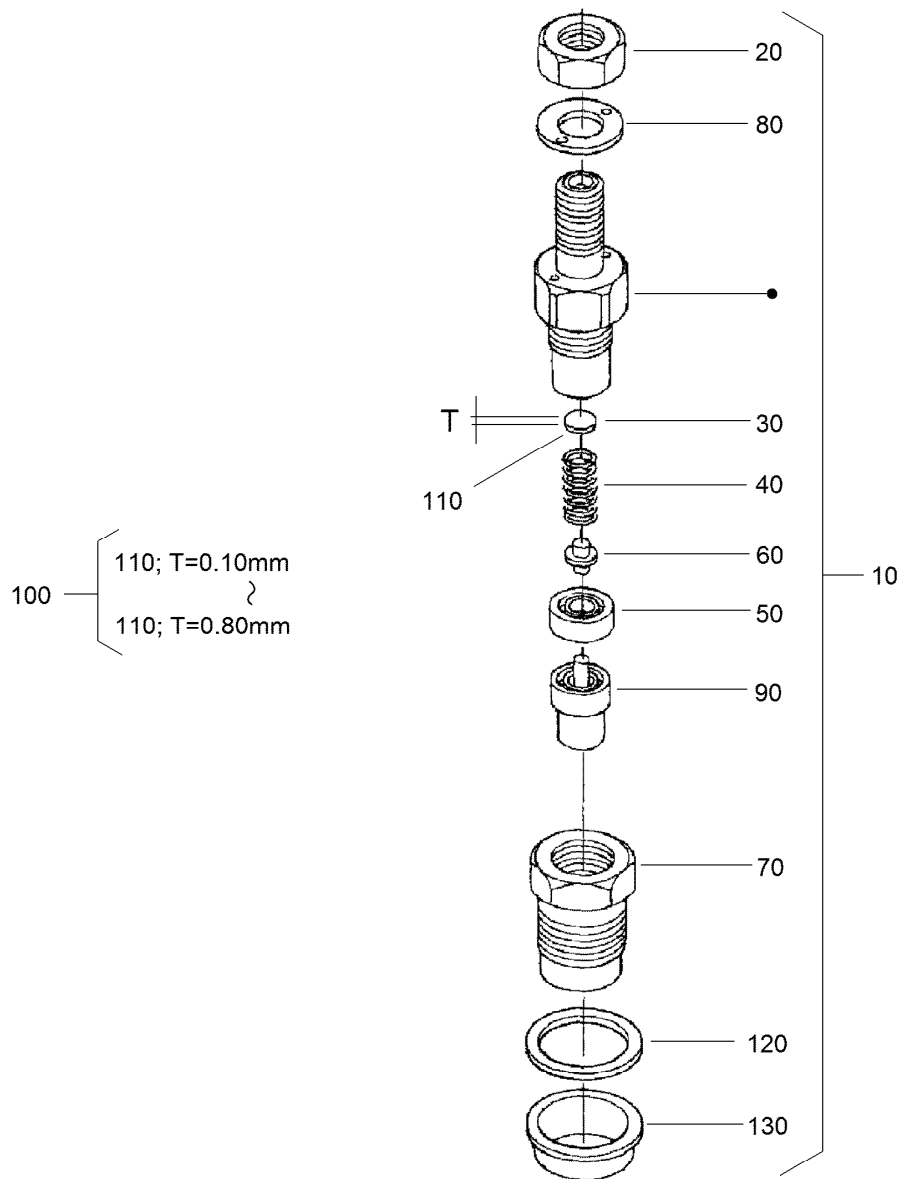
Ref.	Part Number	Qty.	Description
110	98-9472	1	Spring-Return
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	105-3710	2	Stud
160	98-7572	2	Nut
170	98-7699	2	Washer-Spring
180	99-8348	1	Bolt
190	98-7654	2	Gasket



Nozzle Holder and Glow Plug Assembly

Ref.	Part Number	Qty.	Description
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	115-3018	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection

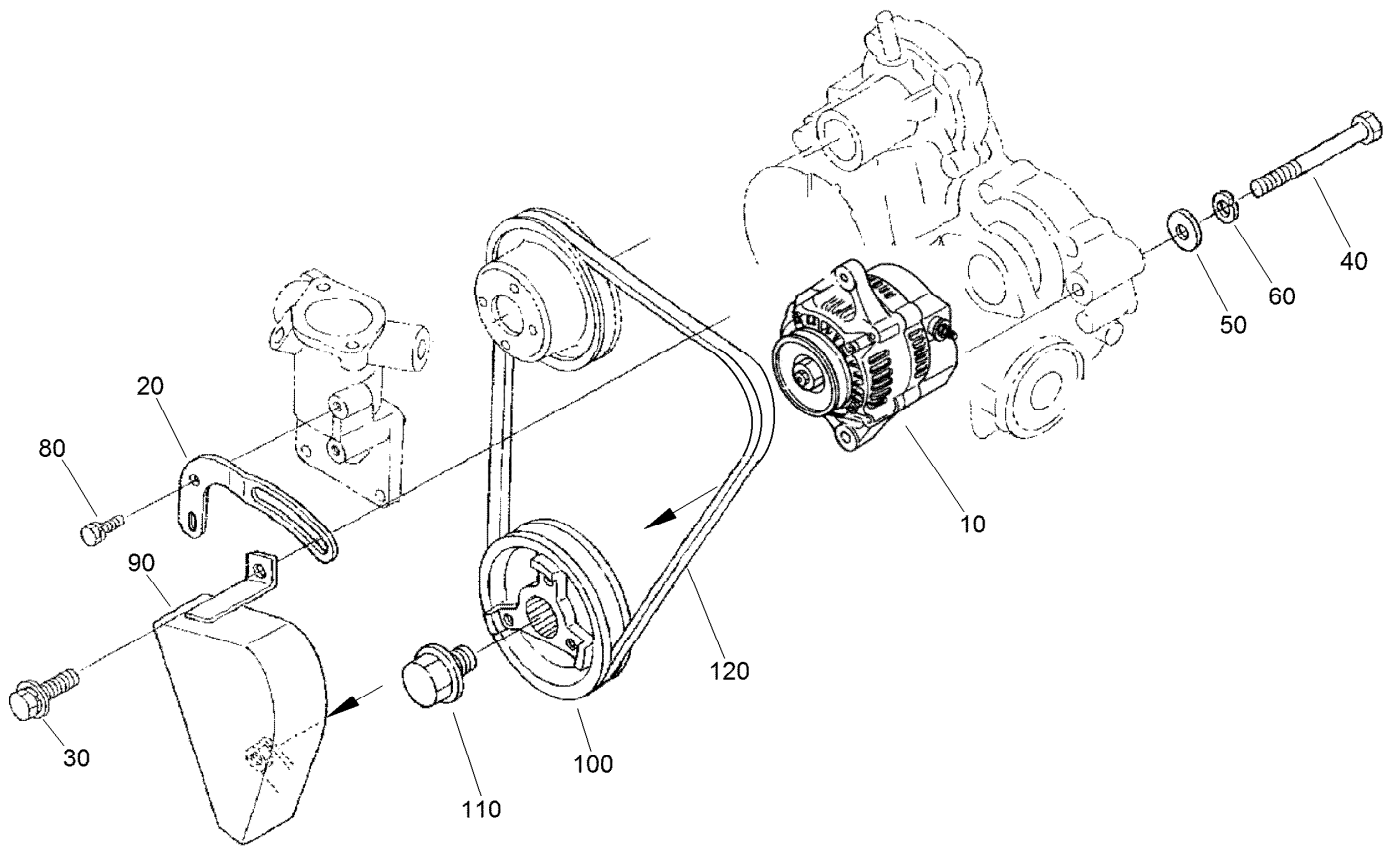
Ref.	Part Number	Qty.	Description
90	98-9654	1	Pipe-Injection
100	98-9655	1	Pipe-Injection
110	105-3738	1	Pipe-Injection
120	98-7682	3	Clamp-Pipe
130	98-7683	3	Clamp-Pipe
140	98-7684	3	Screw (W/Washer)
150	115-3019	4	Plug-Glow
160	105-3739	1	Cord-Plug, Glow
170	99-8377	4	Nut-Flange



Nozzle Holder Component Assembly

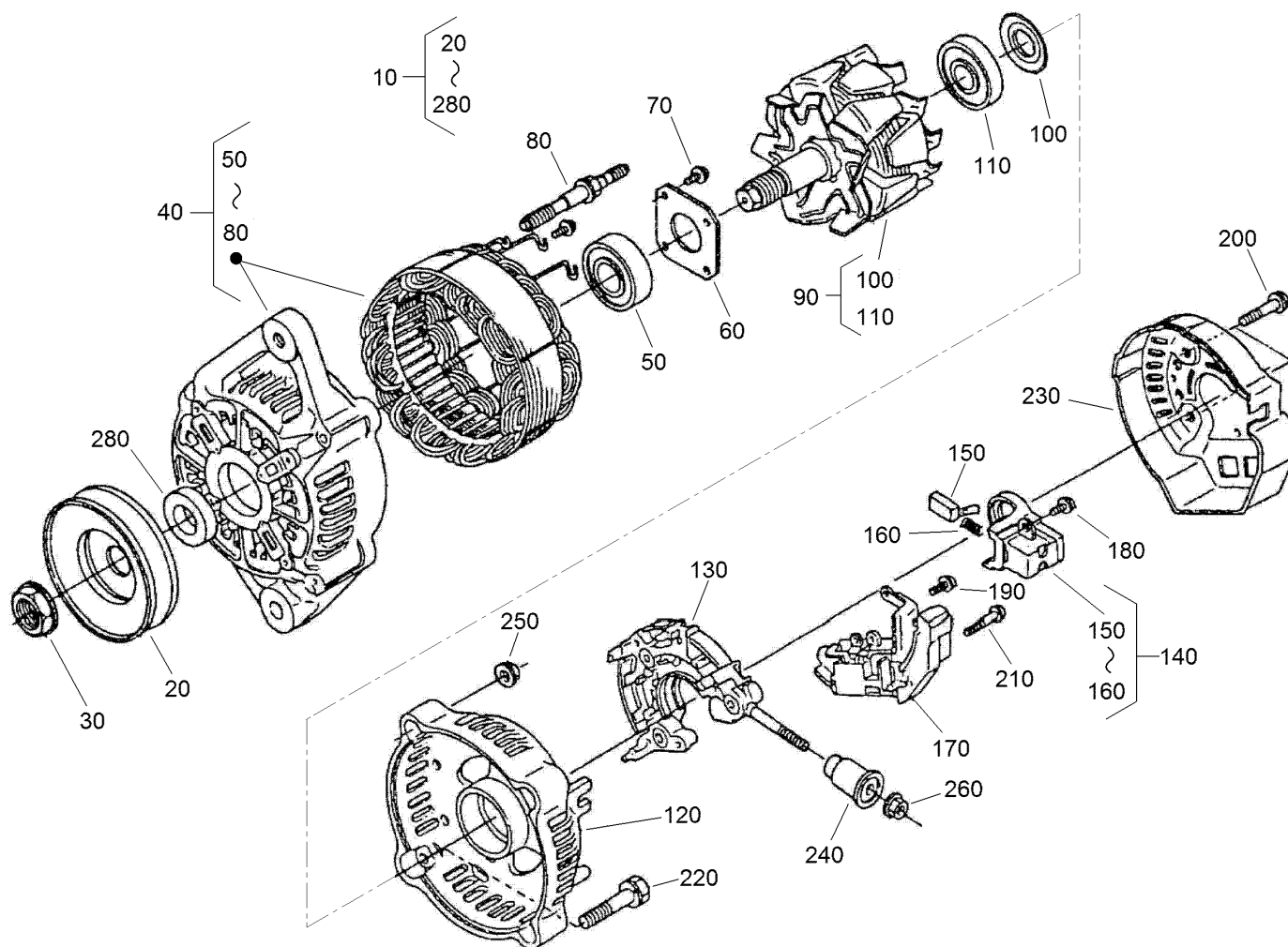
Ref.	Part Number	Qty.	Description
10	115-3018	4	Nozzle Holder Kit
20	99-8301	4	Nut
30	99-8302	4	Washer-Adjusting
40	99-8303	4	Spring-Nozzle
50	99-8304	4	Spacer-Distance
60	99-8305	4	Rod-Push
70	99-8306	4	Nut-Nozzle
80	99-8307	4	Washer-Plain
90	115-3020	4	Piece-Nozzle
100	99-8309	4	Adjusting Washer ASM
110	99-8310	4	Washer-Adjust (0.10Mm)

Ref.	Part Number	Qty.	Description
110	99-8311	4	Washer-Adjust (0.20Mm)
110	99-8312	4	Washer-Adjust (0.30Mm)
110	99-8313	4	Washer-Adjust (0.40Mm)
110	99-8314	4	Washer-Adjust (0.50Mm)
110	99-8315	4	Washer-Adjust (0.52Mm)
110	99-8316	4	Washer-Adjust (0.54Mm)
110	99-8317	4	Washer-Adjust (0.56Mm)
110	99-8318	4	Washer-Adjust (0.58Mm)
110	99-8319	4	Washer-Adjust (0.80Mm)
120	98-7676	4	Gasket
130	98-7677	4	Seal-Heat



Alternator and Pulley Assembly

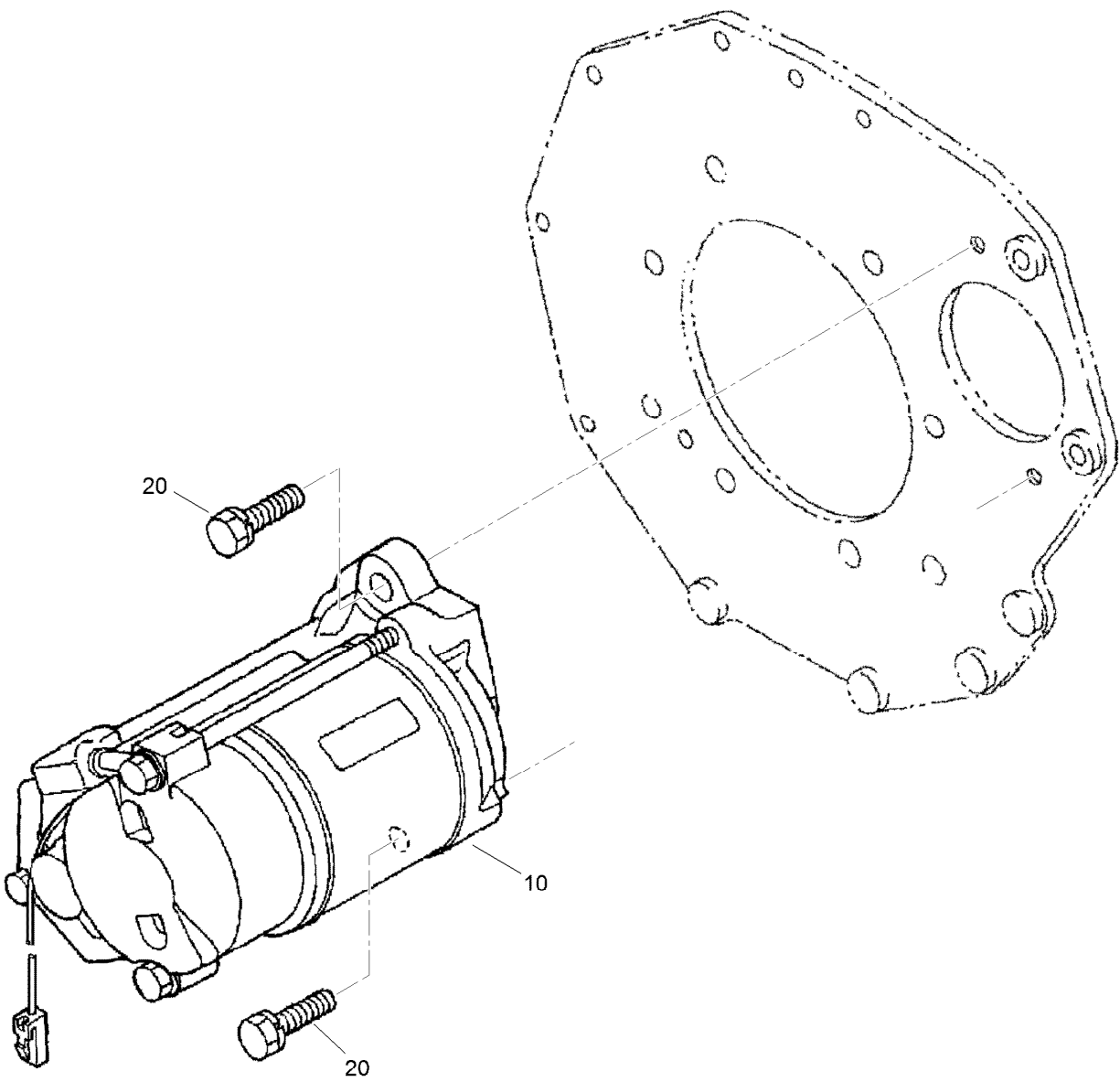
Ref.	Part Number	Qty.	Description
10	117-5541	1	60 Amp Alternator ASM
20	117-5542	1	Bracket
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-9366	1	Washer-Plain
60	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	108-2868	1	Cover-Belt
100	105-3745	1	Pulley-Drive, Fan
110	98-9585	1	Bolt
120	98-9676	1	V-Belt



Alternator Components Assembly

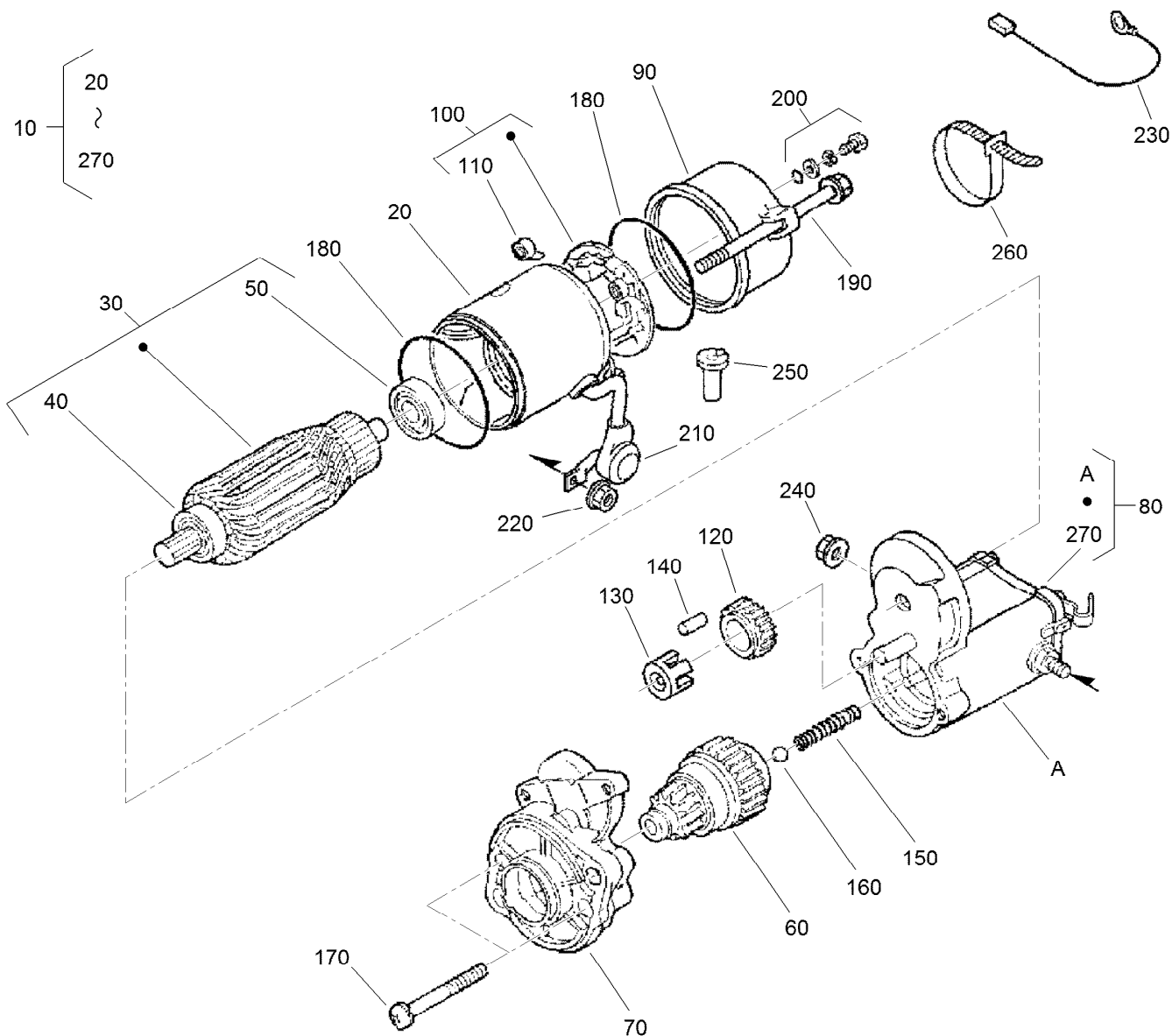
Ref.	Part Number	Qty.	Description
10	117-5541	1	60 Amp Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	117-0316	1	Drive End Frame ASM
50	133-2811	1	Bearing
60	98-7715	1	Plate-Retainer
70	98-7716	4	Screw-Head, Round
80	98-7717	2	Bolt-Through
90	117-0317	1	Rotor ASM
100	98-7711	1	Cover-Bearing
110	107-0138	1	Bearing-Ball
120	133-2813	1	Frame-End
130	117-0322	1	Holder
140	107-0141	1	Brush Holder ASM

Ref.	Part Number	Qty.	Description
150	98-7724	2	Brush
160	98-7725	2	Spring-Brush
170	117-0319	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	117-0321	1	Insulation-Brush
250	98-7730	2	Nut
260	98-7732	1	Nut
280	98-7709	1	Collar



Starter Assembly

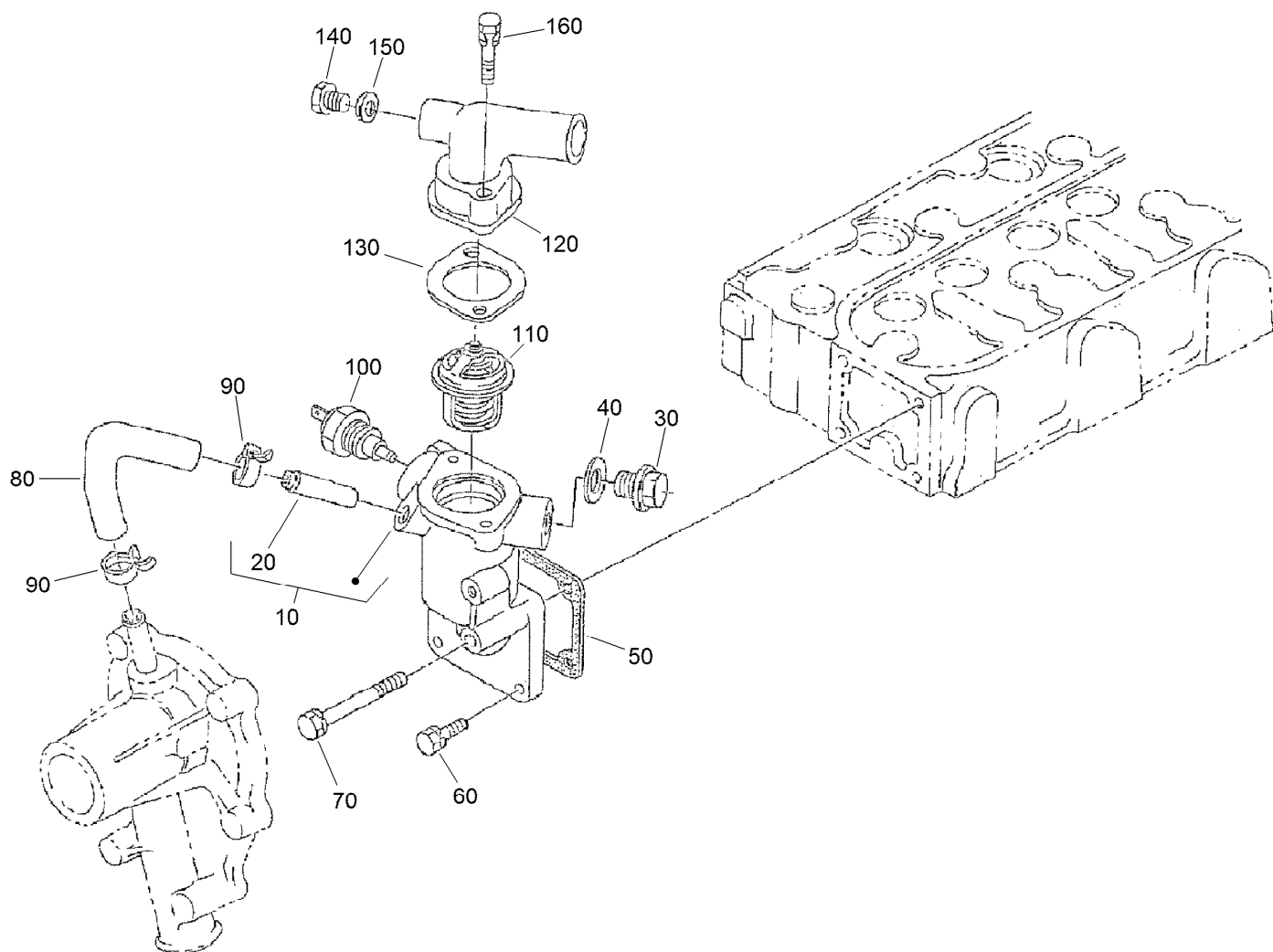
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



Starter Assembly No. 98-9705

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

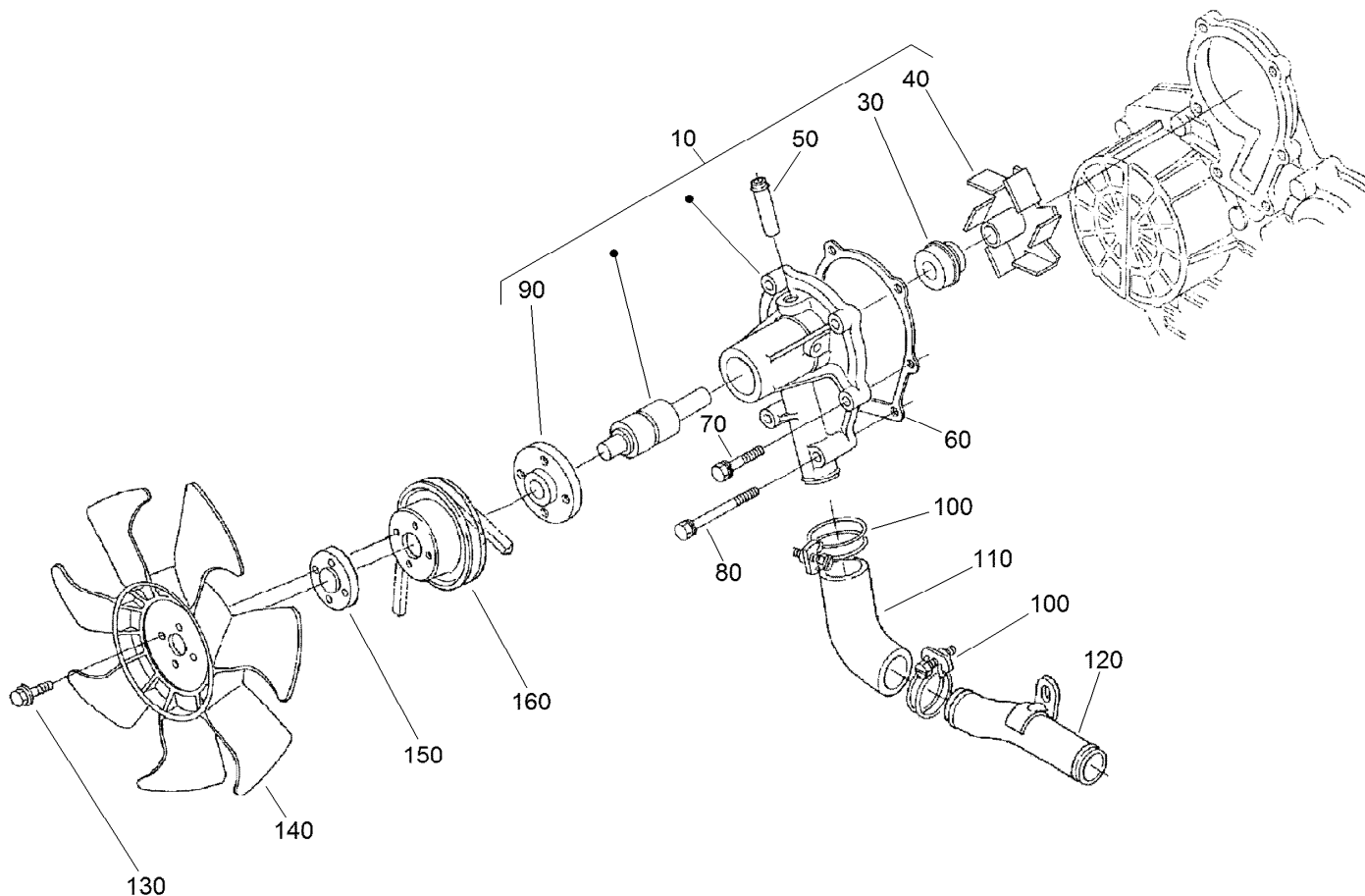
Ref.	Part Number	Qty.	Description
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM



Water Flange and Thermostat Assembly

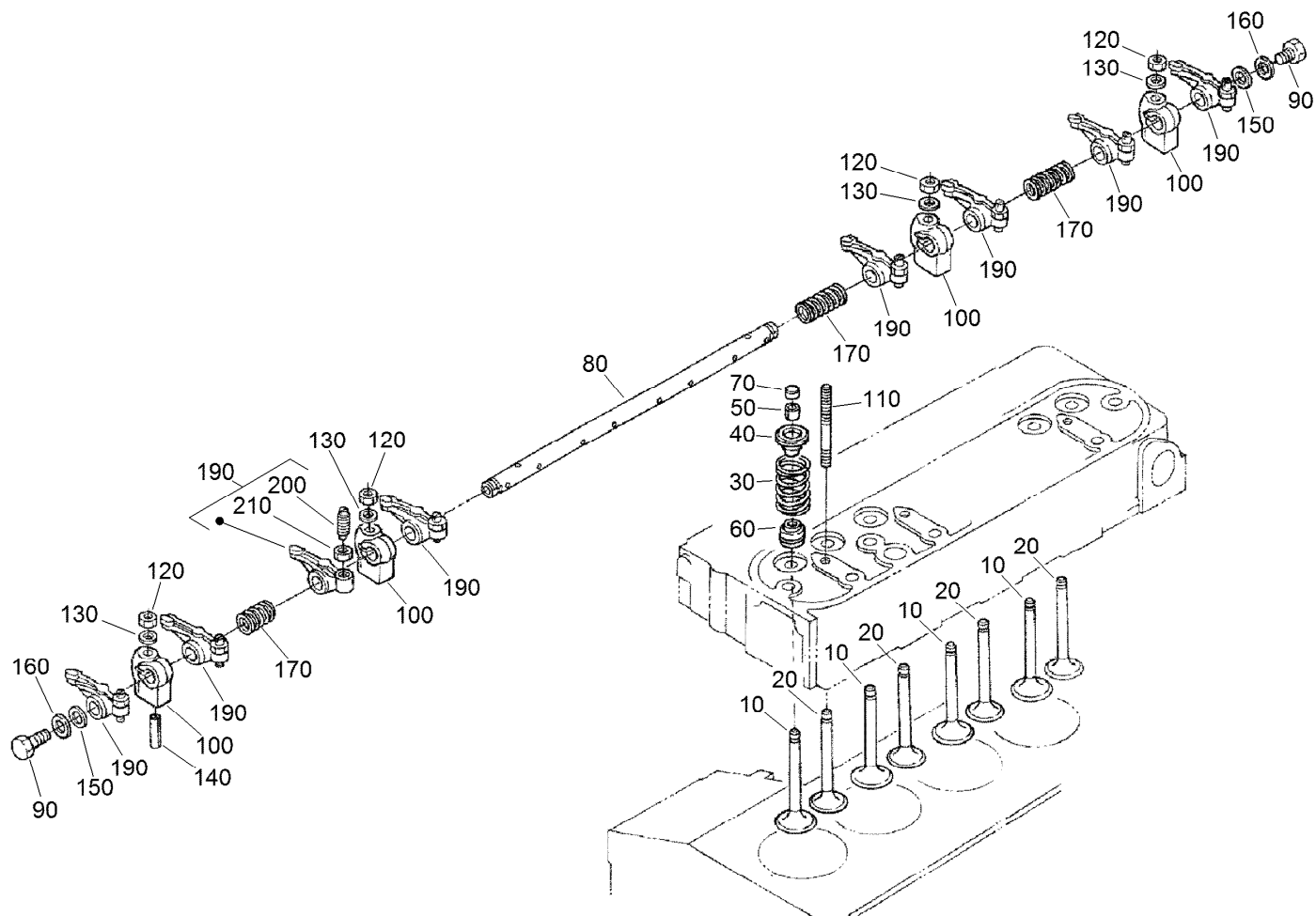
Ref.	Part Number	Qty.	Description
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	105-3747	1	Plug
40	99-3583	1	Gasket
50	98-9638	1	Gasket-Flange, Water
60	98-7692	3	Bolt
70	98-9356	1	Bolt
80	98-9578	1	Pipe-Return, Water

Ref.	Part Number	Qty.	Description
90	98-9579	2	Band-Pipe
100	98-9719	1	Thermoswitch
110	98-7778	1	Thermostat ASM
120	108-2869	1	Cover-Thermostat
130	105-3748	1	Gasket-Thermostat
140	108-2870	1	Plug-Drain
150	100-9155	1	Gasket
160	98-7777	2	Bolt



Water Pump Assembly

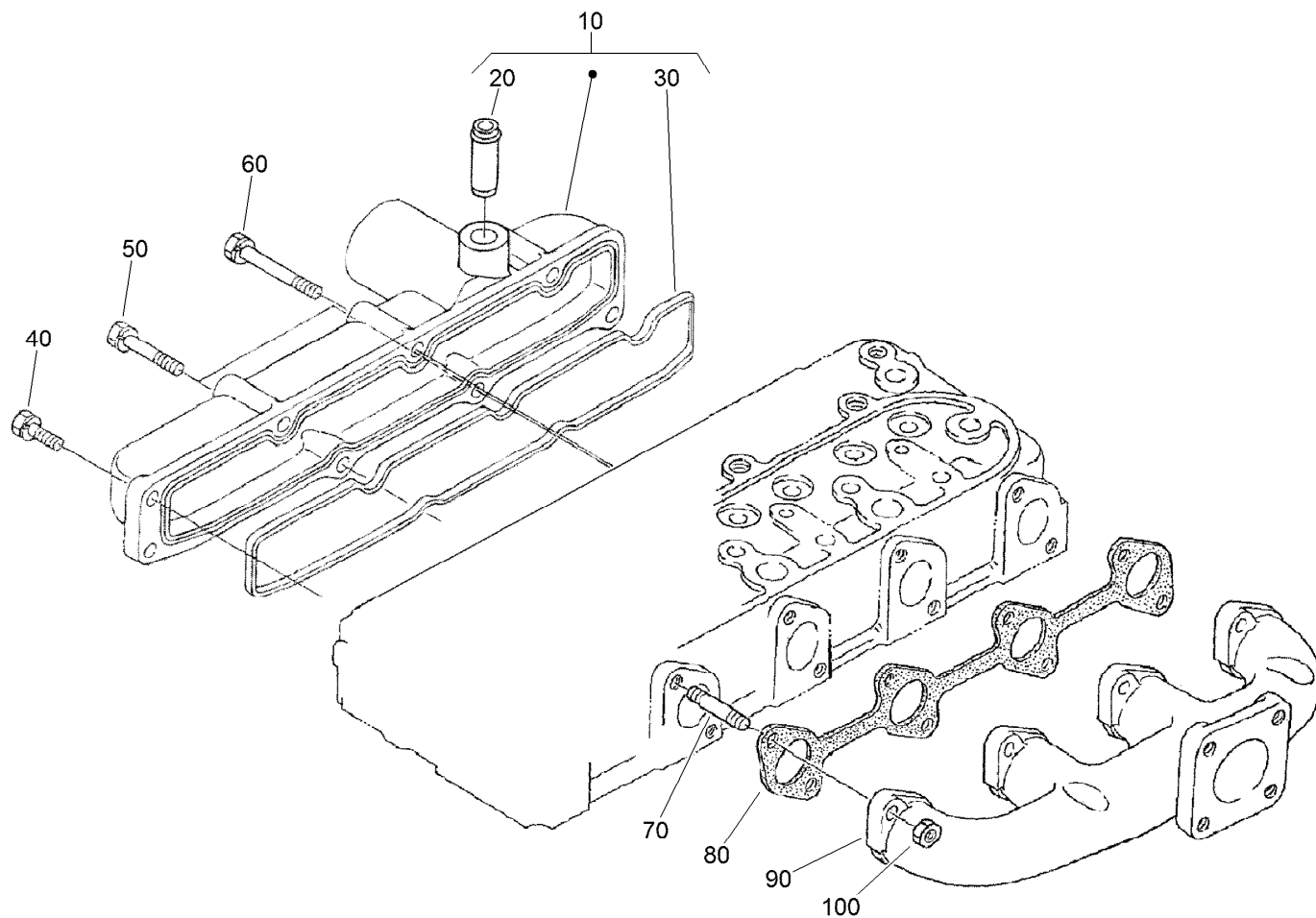
Ref.	Part Number	Qty.	Description
10	107-9089	1	Water Pump ASM
30	105-3750	1	Mechanical Seal ASM
40	112-7017	1	Impeller-Pump, Water
50	100-1932	1	Pipe-Return, Water
60	99-3454	1	Gasket-Pump, Water
70	98-9353	4	Bolt
80	107-9090	2	Bolt
90	99-3516	1	Flange-Pump, Water
100	98-9717	2	Clamp
110	107-9091	1	Pipe-Water
120	98-9716	1	Pipe-Water
130	108-2873	4	Bolt-Flange
140	108-2871	1	Fan
150	108-2872	1	Collar-Fan
160	98-9584	1	Pulley-Fan



Valve and Rocker Arm Assembly

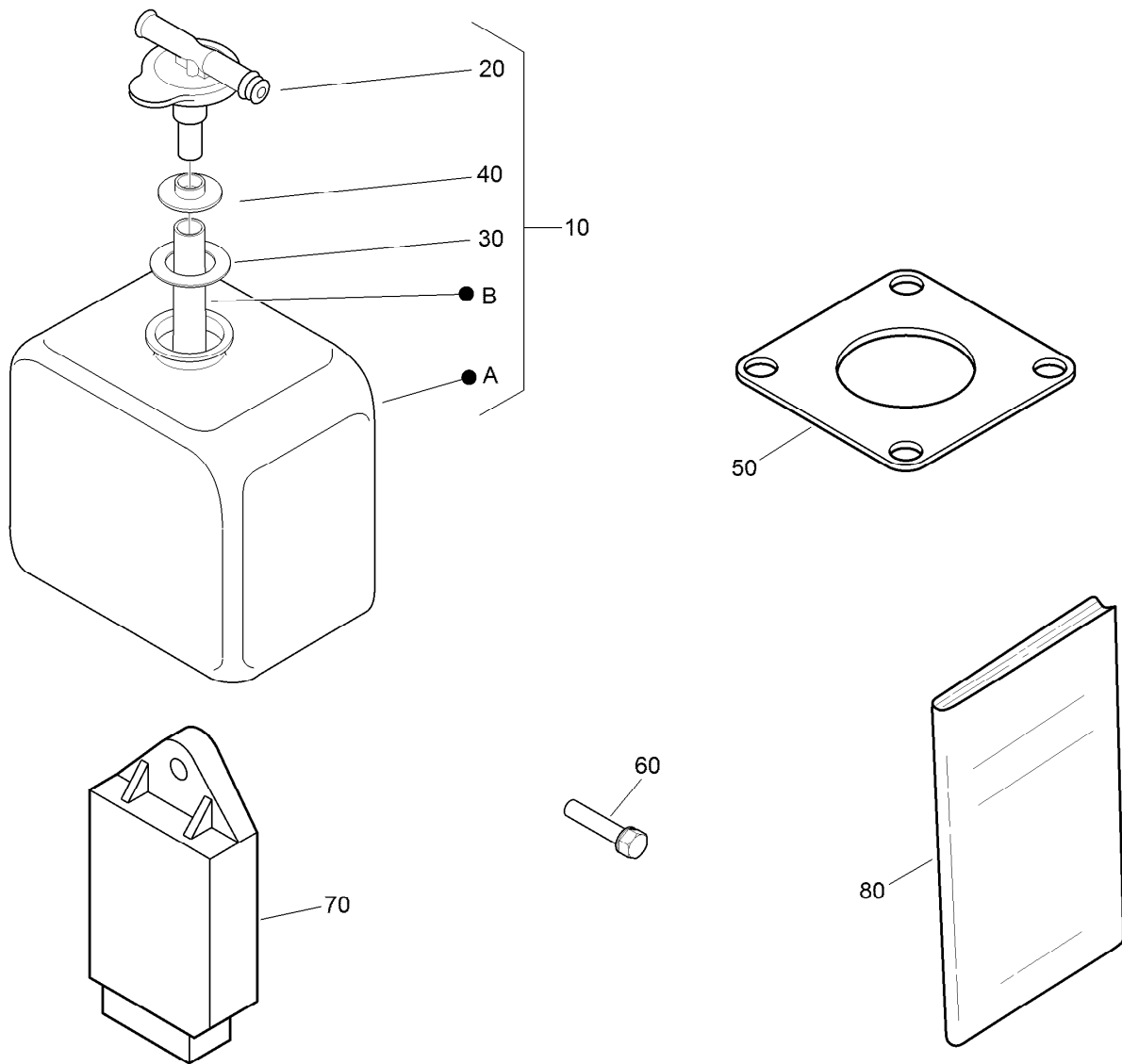
Ref.	Part Number	Qty.	Description
10	112-7018	4	Valve-Inlet
20	120-2564	4	Valve-Exhaust
30	98-9648	8	Spring-Valve
40	107-9092	8	Retainer-Spring
50	117-7572	8	Collet-Spring, Valve
60	99-8385	8	Seal-Stem, Valve
70	98-9497	8	Cap-Valve
80	105-3757	1	Shaft-Arm, Rocker
90	100-1762	2	Bolt
100	98-9505	4	Bracket-Arm, Rocker

Ref.	Part Number	Qty.	Description
110	98-9506	4	Stud
120	98-9393	4	Nut
130	98-9385	4	Washer-Flat
140	105-3758	1	Pin-Spring
150	98-9507	2	Washer-Shaft, Rocker Arm
160	110-3832	2	Washer-Plain
170	98-9504	2	Spring-Arm, Rocker
190	98-9501	8	Rocker Arm ASM
200	98-9502	8	Screw-Adjusting
210	98-9503	8	Nut



Inlet and Exhaust Manifold Assembly

Ref.	Part Number	Qty.	Description
10	108-2874	1	Intake Manifold ASM
20	98-9492	1	Joint-Pipe, Breather
30	105-3760	1	Gasket-Manifold, Intake
40	98-7605	3	Bolt
50	98-9353	2	Bolt
60	105-3797	3	Bolt
70	98-9588	8	Stud
80	105-3765	1	Gasket-Manifold, Exhaust
90	114-9573	1	Manifold-Exhaust
100	98-9665	8	Nut



Muffler Gasket, Glow Controller and Overflow Bottle Assembly

Ref.	Part Number	Qty.	Description
10	108-0638	1	Bottle-Overflow
20	105-3754	1	Cap
30	105-3755	1	Gasket
40	105-3756	1	Plate
50	98-9611	1	Gasket
60	98-7610	1	Bolt
70	98-7611	1	Controller-Glow
80	115-4104	1	Operator Manual



Count on it.