Form No. 3404-385 Rev C

TORO®

Count on it.

Parts Catalog

Multi Pro® 5800-D

Turf Sprayer with ExcelaRate Spray System

Model No. 41393—Serial No. 316000001 and Up

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

CE



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

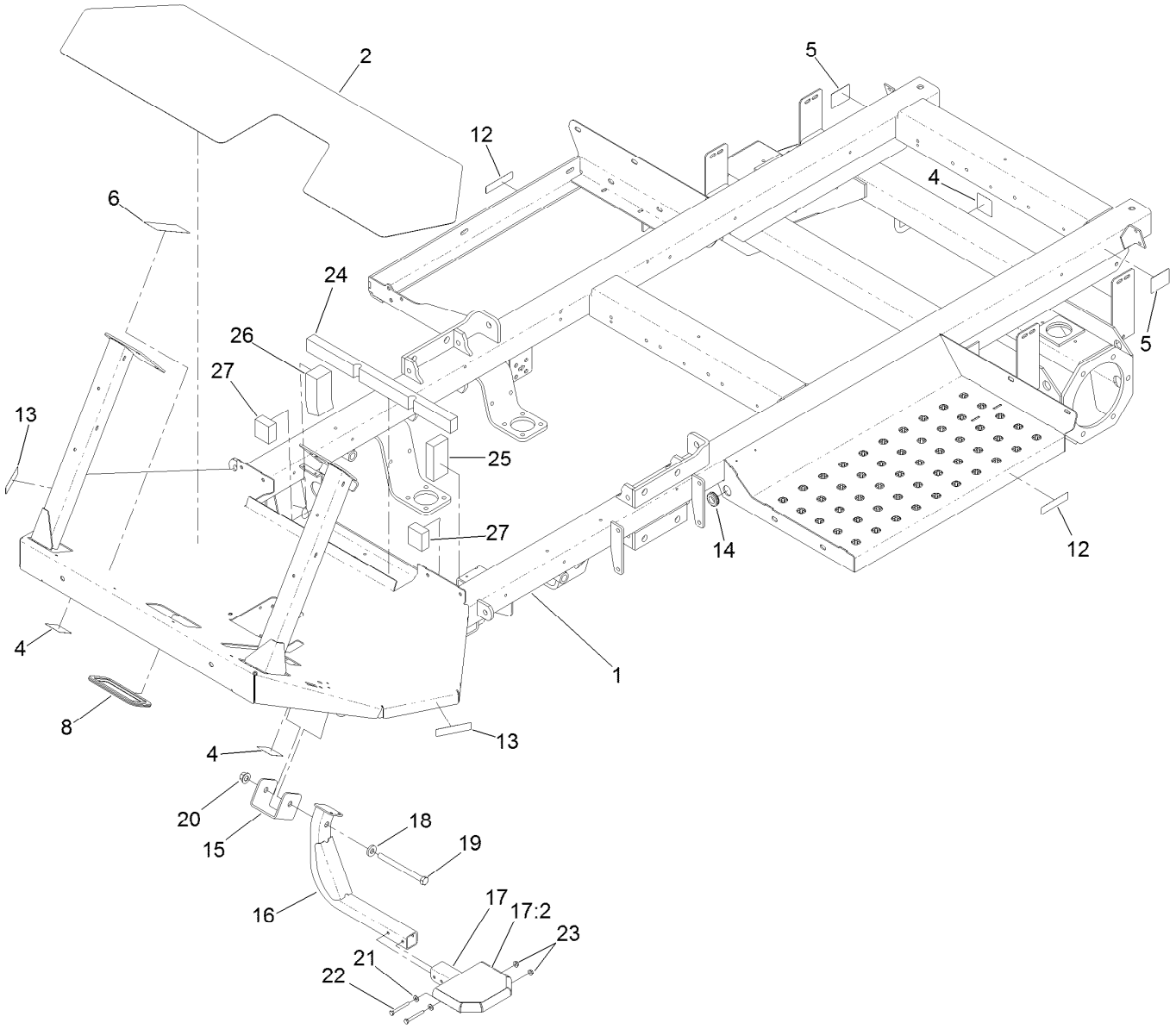
Frame and Step Assembly 5
Front Axle Assembly 6
Hydraulic Cylinder Assembly No. 93-6510 8
Hub Assembly No. 119-6003 9
Front Suspension Assembly 10
Seat Base Assembly 11
Seat, Fresh Water Tank and Roll-Over Protection System Assembly 12
Control Console Assembly 14
Brake Pedal Assembly 15
Traction Pedal Assembly 16
Throttle Assembly 17
Dash Panel Assembly 18
Front Fender and Headlight 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. 119-5038 32
Hydraulic Tank Assembly 33
Hydraulic Pump and Filter Assembly 34
Pump Control Valve Assembly No. 117-0708 36
Steering Hydraulic Assembly 37
Steer Valve Assembly No. 117-0707 38
Boom Lift Assembly 39
Hydraulic Cylinder Assembly No. 117-0701 40
On-Off Boom Lift Valve No. 117-0702 41
Rear Drive Assembly 42
Planetary Assembly No. 105-4500 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. 132-5630 48
Electrical Assembly 49
Tank and Saddle Assembly 50
Tank Assembly No. 117-8005 51
Spray Tank Lid Assembly No. 119-9380 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
On/Off Manifold Valve Kit No. 127-9803 61
Bypass Valve Assembly No. 127-9805 62
Actuator On/Off Kit No. 131-3723 63
Manifold Valve Kit No. 131-0253 64
Manifold Valve Kit No. 131-7256 65
Pump Assembly No. 117-0713 66
Agitation Hose Assembly No. 132-4309 67
Hydraulic Motor Assembly No. 117-0706 68

© 2017—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)

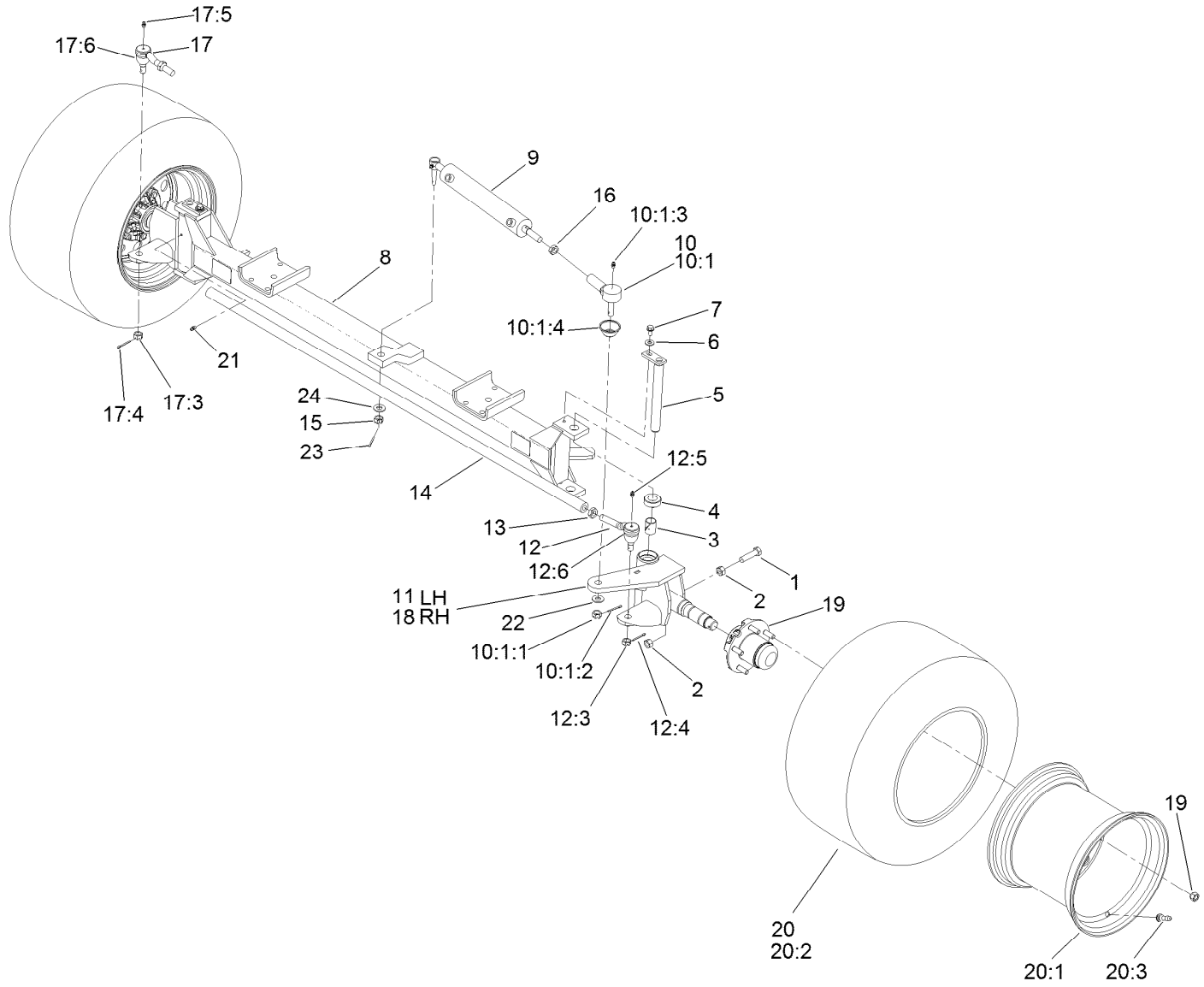
Flow Meter Assembly No. 106-1038 69
On/Off 2-Way Valve Kit No. 131-0249 70
Center Boom Assembly 71
Left and Right Hand Boom Assembly 73
LH Single Turret Body Assembly No. 108-3725 74
Double Turret Body Assembly No. 108-3727 75
RH Single Body Turret Assembly No. 108-3726 76
Crankcase Assembly 77
Oil Pan Assembly 78
Cylinder Head Assembly 79
Gear Case Assembly 80
Cylinder Head Cover Assembly 81
Dipstick and Guide Assembly 82
Main Bearing Case Assembly 83
Cam Shaft and Idle Gear Assembly 84
Piston and Crankshaft Assembly 85
Flywheel Assembly 86
Fuel Camshaft and Governor Shaft Assembly 87
Idle Apparatus Assembly 88
Injection Pump Assembly 89
Governor Assembly 90
Speed Control Plate Assembly 91
Nozzle Holder and Glow Plug Assembly 92
Nozzle Holder Component Assembly 93
Alternator and Pulley Assembly 94
Alternator Components Assembly 95
Starter Assembly 96
Starter Assembly No. 98-9705 97
Water Flange and Thermostat Assembly 98
Water Pump Assembly 99
Valve and Rocker Arm Assembly 100
Inlet and Exhaust Manifold Assembly 101
Muffler Gasket, Glow Controller and Overflow Bottle Assembly 102
Attachments and Accessories 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
15	127-2928-03	1	Bracket-Spacer, Step
16	127-2929-03	1	Mount-Step, LH
17	130-7349	1	Step-Pad

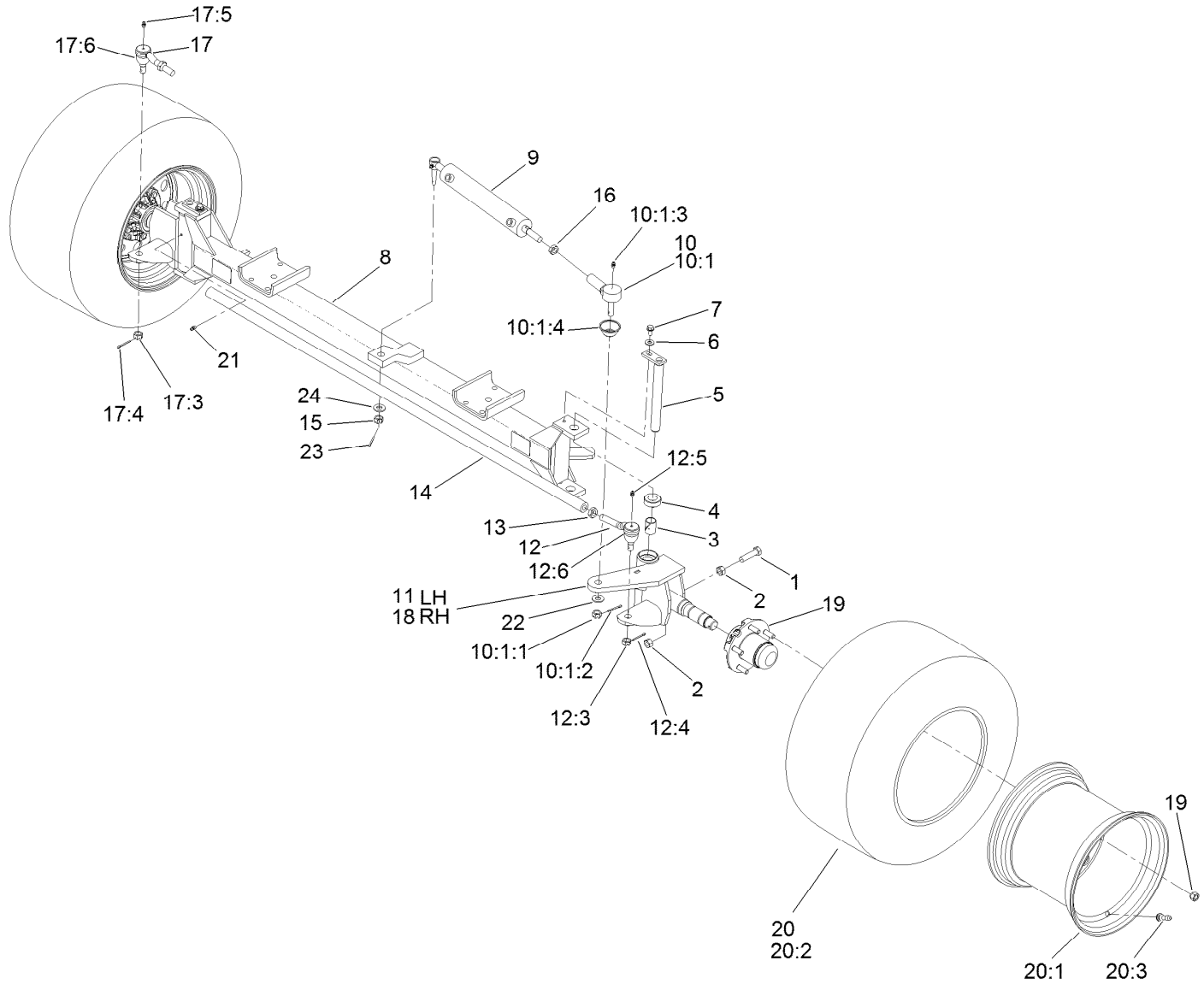
Ref.	Part Number	Qty.	Description
17:2	127-6978	1	Tread-Pad, Step
18	107-3395	1	Washer-Hardened
19	325-20	1	Screw-HH
20	99-5107	1	Nut-Lock
21	3256-22	2	Washer-Flat
22	321-50	2	Screw-HH
23	32128-33	2	Nut-HF
24	131-5751	1	Foam-Seal
25	131-5752	1	Foam-Seal
26	131-5753	1	Foam-Seal
27	131-5754	2	Foam-Seal



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	93-6584	2	King Pin ASM
6	3256-3	2	Washer-Flat
7	32144-14	2	Screw-HWHTF
8	121-5087-03	1	Front Axle ASM
9	93-6510	1	Cylinder ASM
10	93-6509-03	1	Tie Rod End ASM
10:1		1	End-Tie Rod ●
10:1:1	32136-3	1	Nut-SHH
10:1:2	3272-12	1	Pin-Cotter
10:1:3	302-5	1	Fitting-Grease
10:1:4	106-4901	1	Seal-End, Rod
11	117-5899-03	1	LH Spindle Housing ASM
12	87-1470-03	1	End-Tie Rod, LH
12:3	32136-3	1	Nut-SHH
12:4	3272-12	1	Pin-Cotter
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

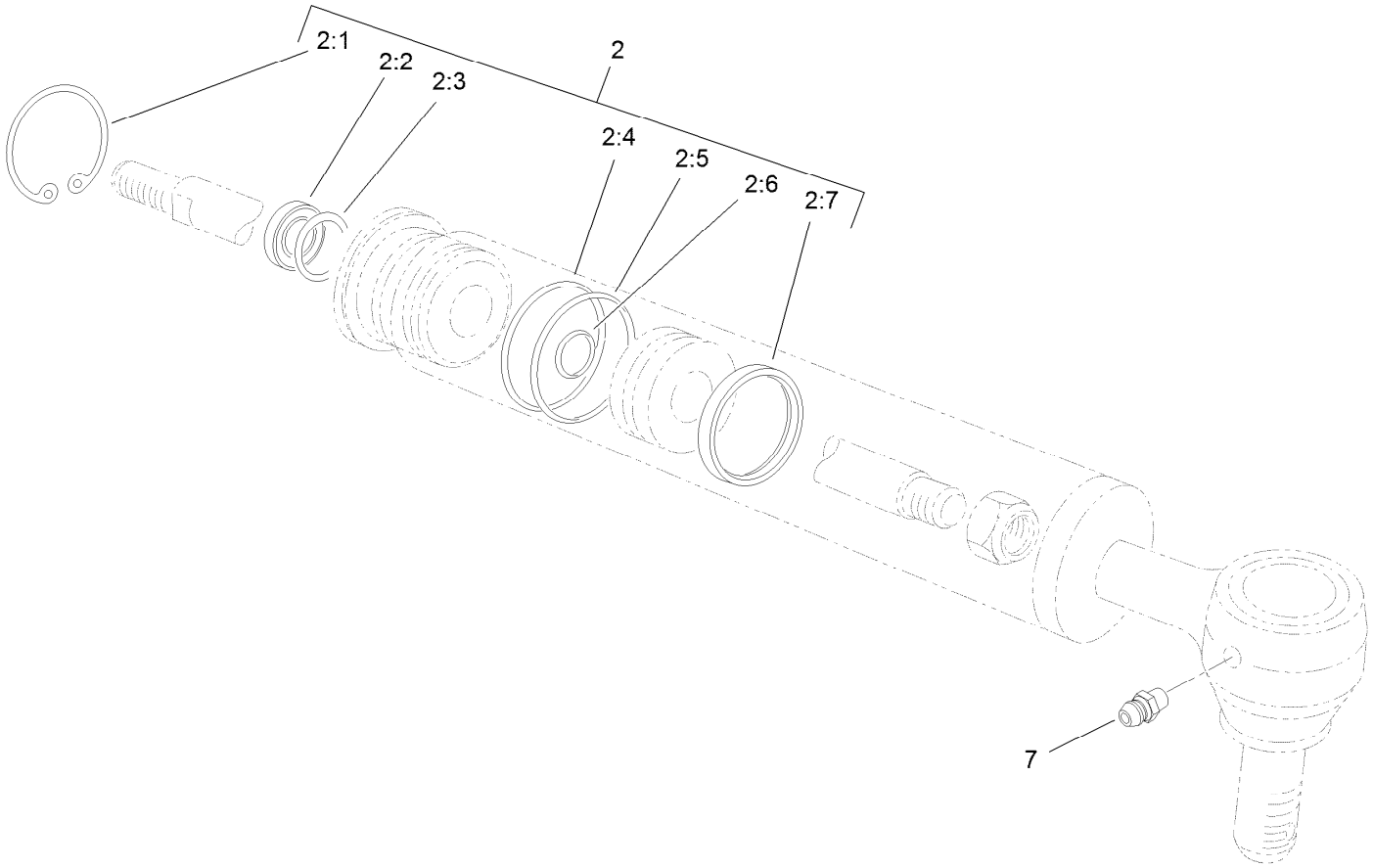
● Not serviced separately



Front Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
21	302-5	2	Fitting-Grease
22	87-7270	1	Washer-Thrust
23	3272-12	1	Pin-Cotter
24	119-1868	1	Washer

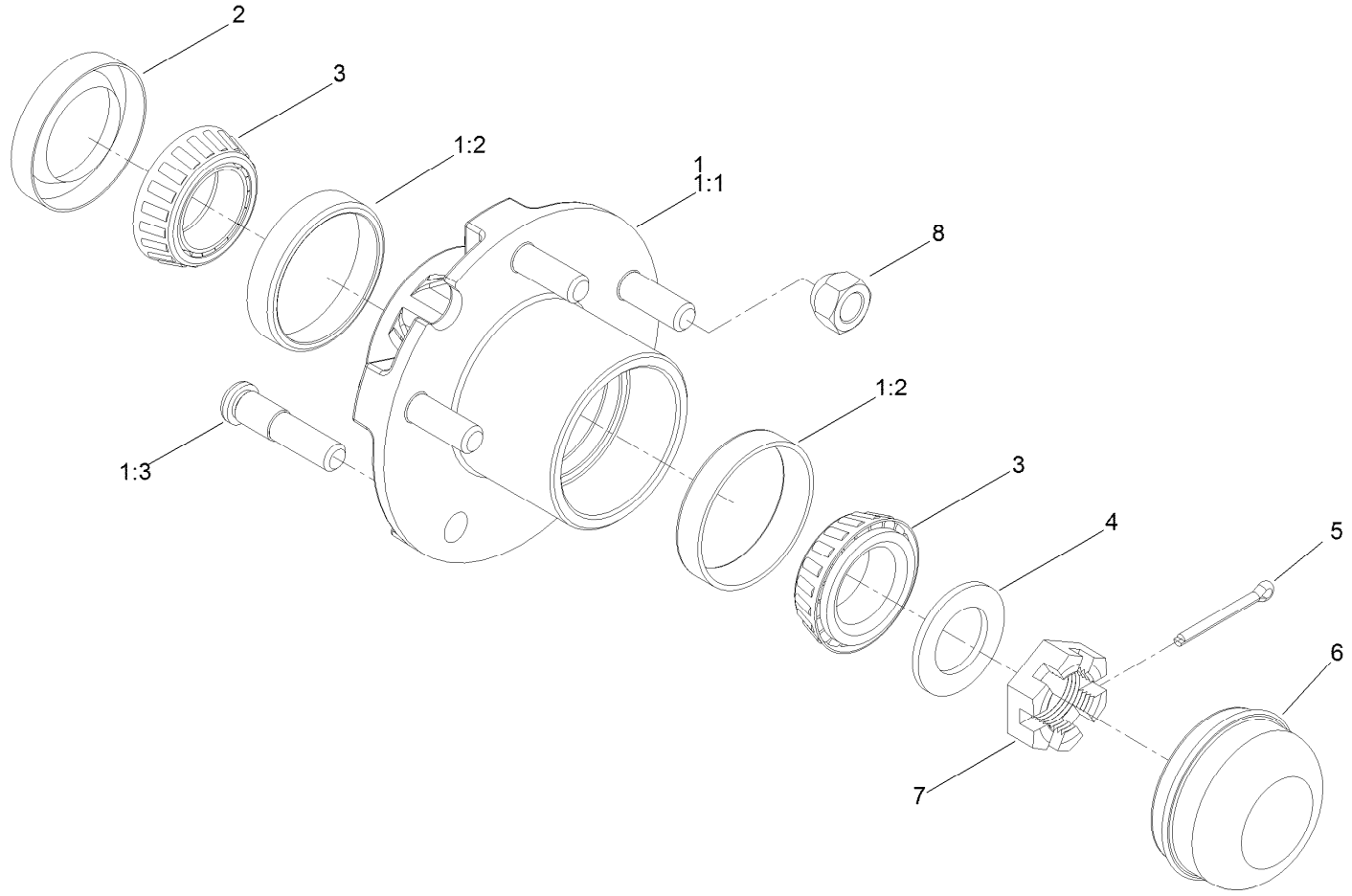
● Not serviced separately



Hydraulic Cylinder Assembly No. 93-6510

Ref.	*Part Number*	*Qty.*	*Description*
2	92-3992	1	Repair Kit
2:1		1	Ring-Retaining ●
2:2		1	Seal-Dust ●
2:3		1	Seal-Rod ●
2:4		1	Ring-Backup ●
2:5		1	O-Ring ●
2:6		1	O-Ring ●
2:7		1	Uniring ●
7	302-5	1	Fitting-Grease

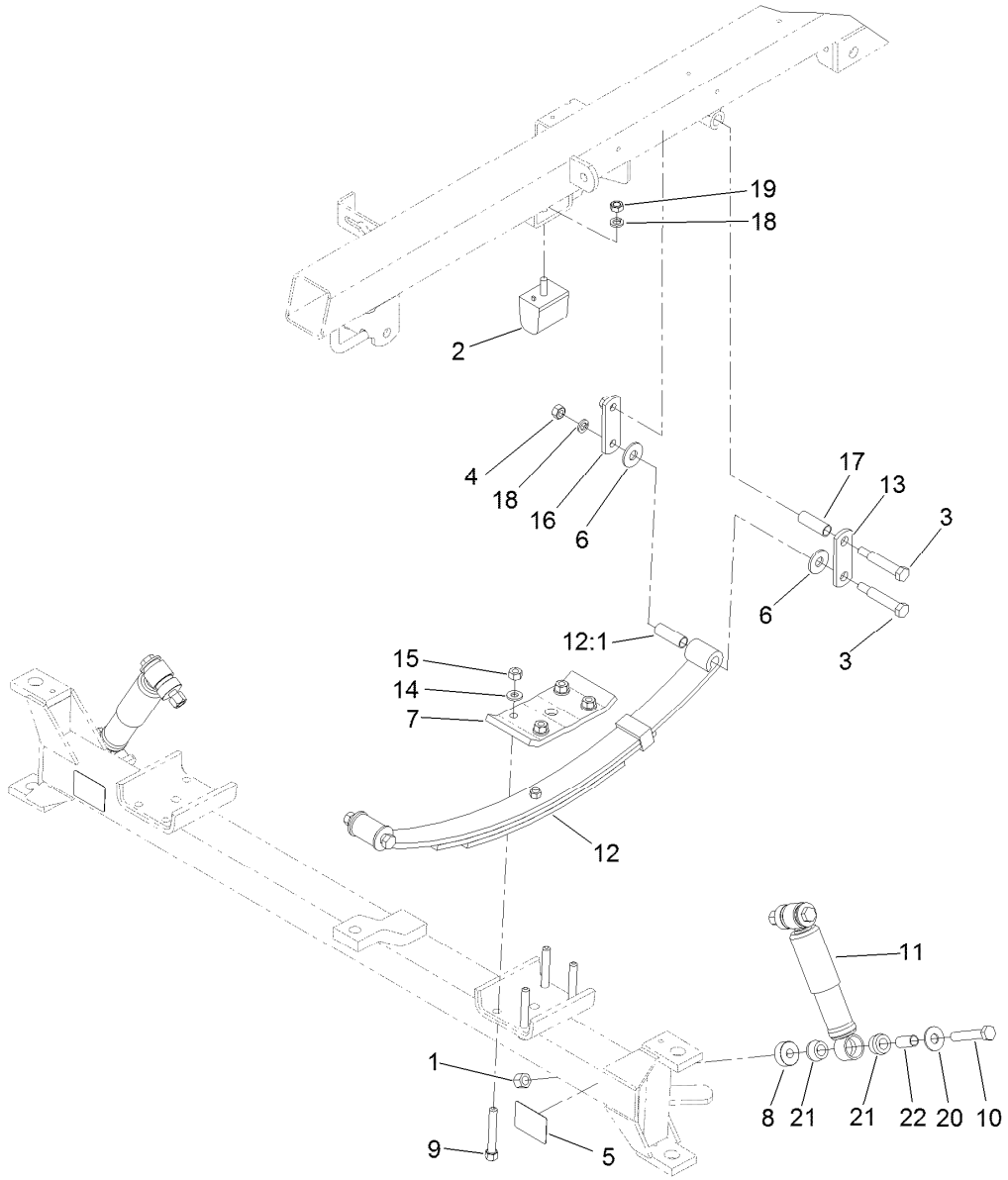
● Not serviced separately



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

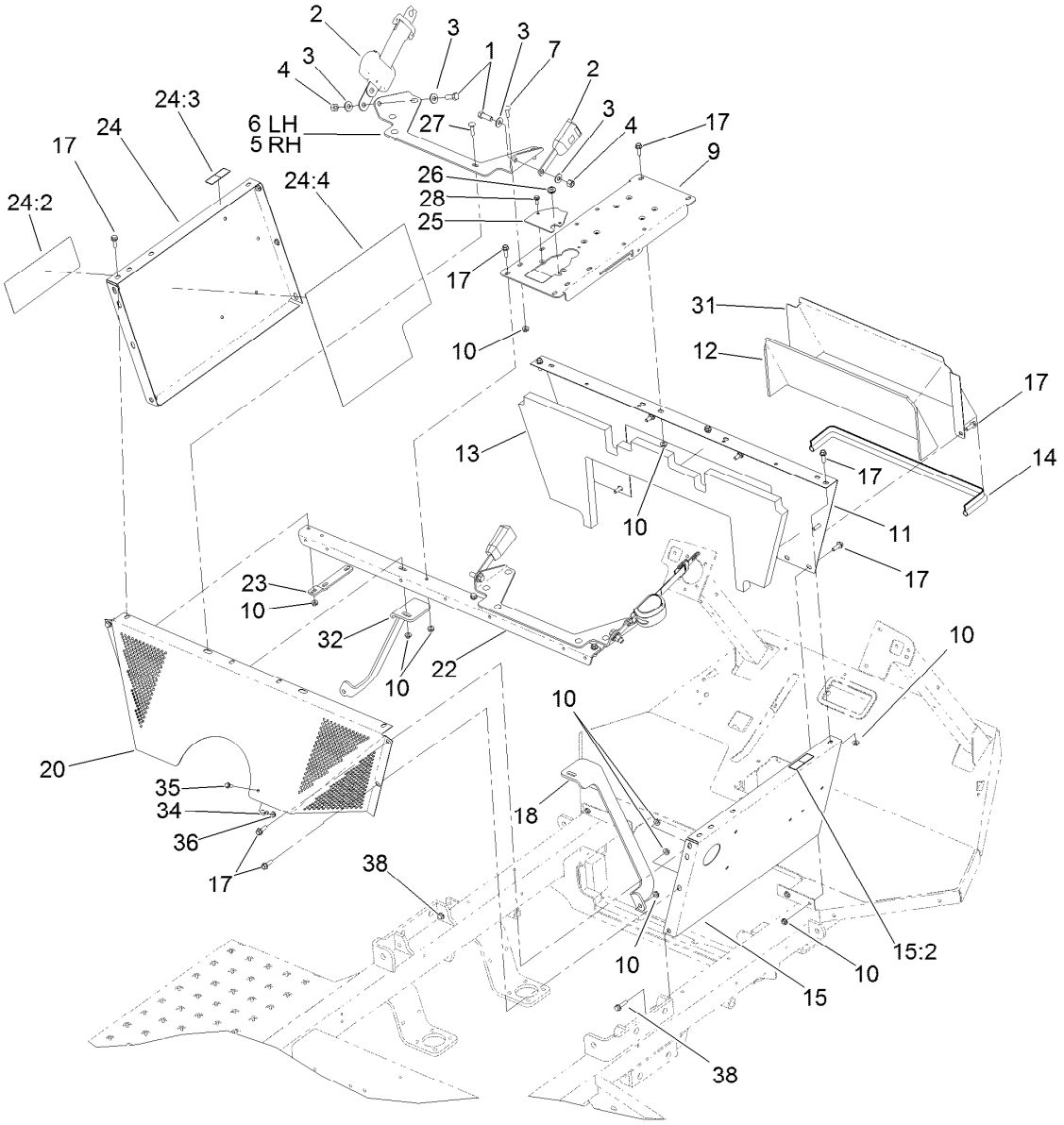
● Not serviced separately



Front Suspension Assembly

Ref.	Part Number	Qty.	Description
1	3296-23	4	Nut-Lock, NI
2	87-3470	2	Bumper
3	110-5072	6	Bolt-Shoulder
4	3217-8	6	Nut-Hex
5	107-8667	2	Decal-Jacking
6	93-6161	8	Washer
7	121-5089-03	2	Plate-Top, Spring
8	127-2913	4	Spacer
9	26-0672	8	Bolt-Blade
10	325-12	4	Screw-HH
11	121-9774	2	Absorber-Shock
12	99-0570	2	Spring-Leaf

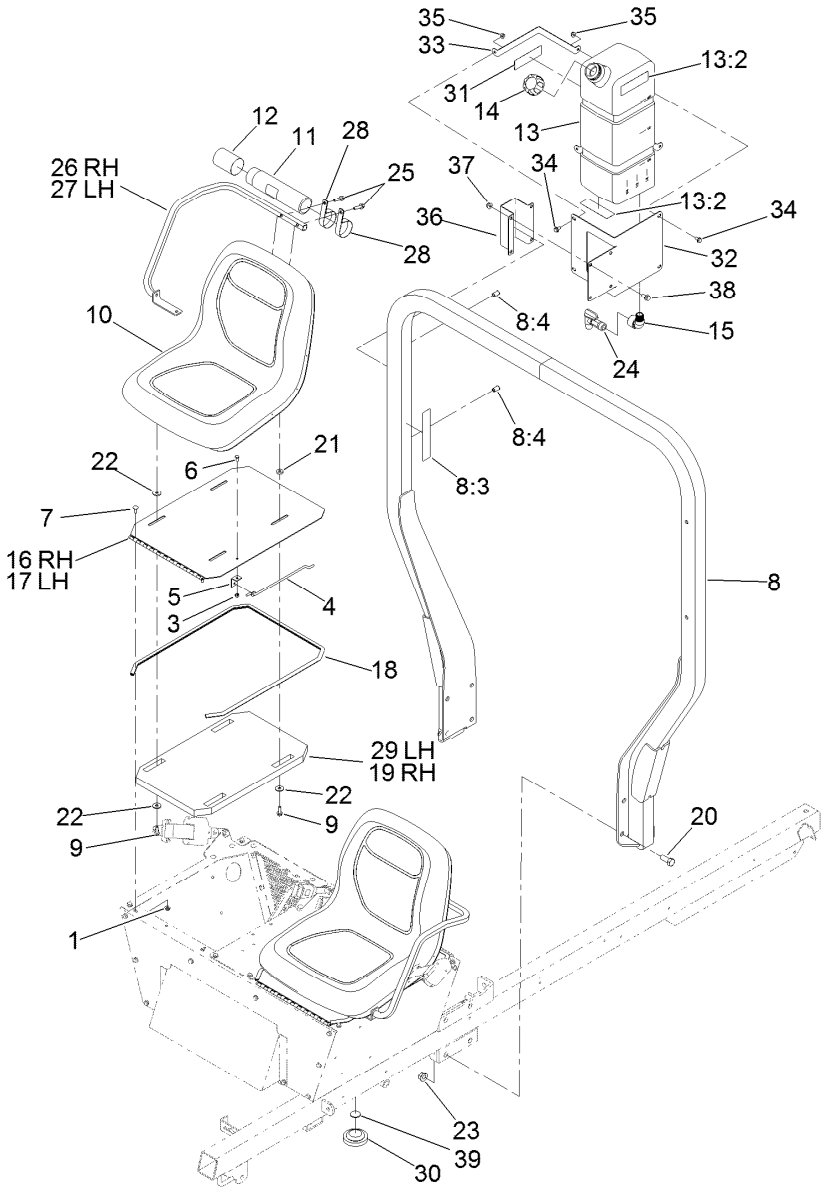
Ref.	Part Number	Qty.	Description
12:1	119-9437	2	Bushing-Spring, Leaf
13	42574	2	Shackel-Outside
14	87-7480	8	Washer
15	106-0327	8	Nut-Hex
16	42576	2	Shackel-Inside
17	42592	2	Bushing-Shackle
18	3253-6	8	Washer-Lock
19	93-6166	2	Nut-Hex
20	3256-6	4	Washer-Flat
21	87-3920	8	Bushing
22	127-2925	4	Sleeve



Seat Base Assembly

Ref.	Part Number	Qty.	Description
1	324-5	4	Screw-HH
2	110-0413	2	Seatbelt-Retractable
3	3256-4	8	Washer-Flat
4	3296-48	4	Nut-Lock, NI
5	121-5071-03	1	Bracket-Seat Belt, RH
6	121-5072-03	1	Bracket-Seat Belt, LH
7	3230-22	10	Screw-CARR
9	132-7667-03	1	Base-Console
10	32128-20	36	Nut-HF
11	130-7107-01	1	Panel-Front, Seatbase
12	130-7132	1	Barrier-Noise, Access Panel
13	130-7135	1	Barrier-Noise, Front Panel
14	131-3282	1	Trim
15	130-7104	1	Panel-Seatbase, RH
15:2	120-0625	1	Decal-Warning, Pinch Point
17	3234-17	22	Screw-HHF
18	107-8729-03	1	Support-RH
20	106-5286-03	1	Shroud-Engine

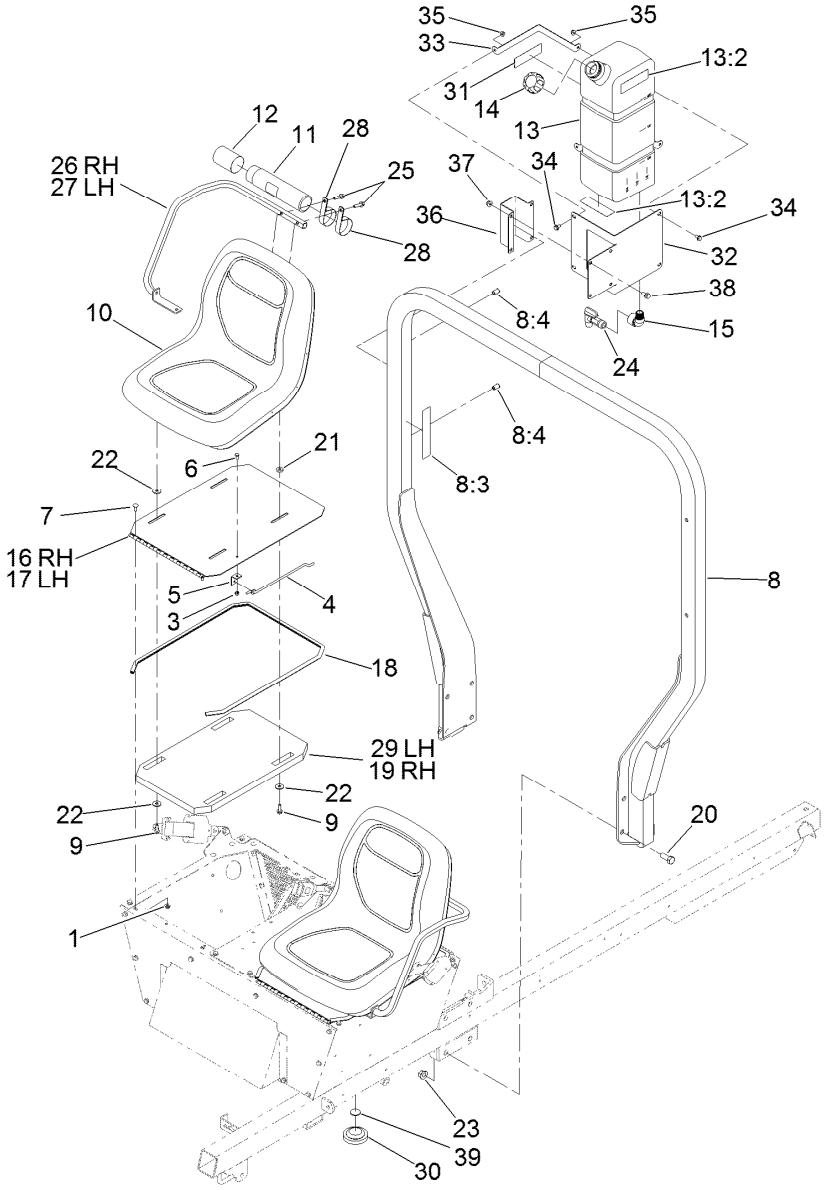
Ref.	Part Number	Qty.	Description
22	119-5025-03	1	Angle-Seat Box
23	95-2264-03	2	Strap-Support, Belt
24	131-5788	1	LH Seat Box Panel ASM
24:2	120-0619	1	Decal-Warning
24:3	120-0625	1	Decal-Warning, Pinch Point
24:4	131-5806	1	Shield-Heat Tape, Seatbase (LH)
25	132-7705-03	1	Retainer-Harness, Base
26	237-141	1	Grommet-Rubber
27	3230-3	2	Screw-CARR
28	119-4012	2	Screw-HWHTF
31	130-7119-01	1	Panel-Access, Seatbase
32	107-8730-03	1	Support-LH
34	2412-72	1	Clip-Closed, Insulated
35	3234-4	1	Screw-HHF
36	104-7201	1	Nut-HF
38	3234-36	2	Screw-HHF



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

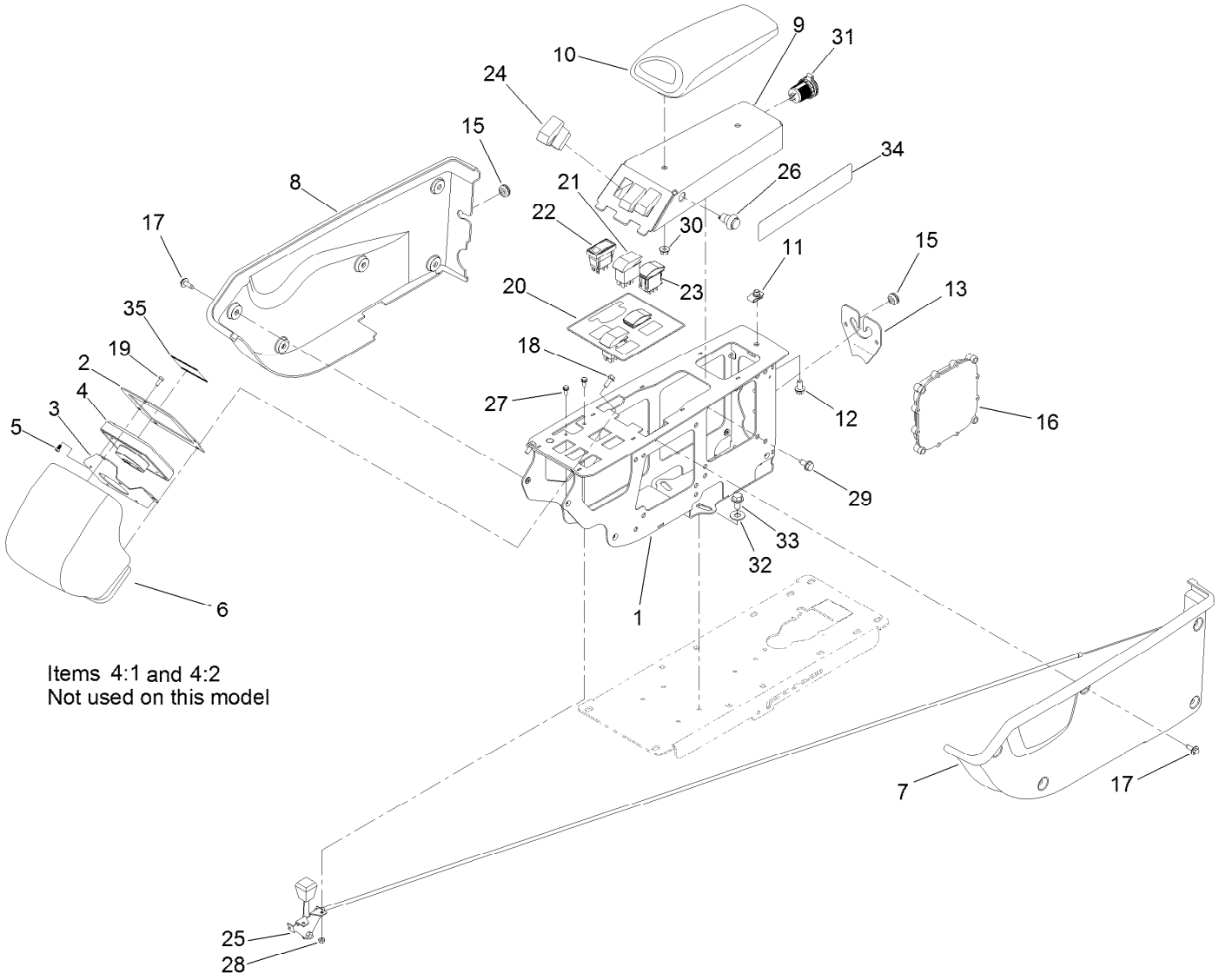
Ref.	Part Number	Qty.	Description
1	32128-20	4	Nut-HF
3	3296-42	2	Nut-Lock, NI
4	94-7204	2	Rod-Prop, Seat
5	94-7203	2	Bracket
6	321-3	2	Screw-HH
7	3230-23	4	Screw-CARR
8	119-0589	1	ROPS ASM
8:3	117-4955	1	Decal-Danger, ROPS (CE)
8:4	32148-10	2	Insert-Nut
9	33104-025	8	Screw-HHF
10	112-2923	2	Seat ASM
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-90DEG
16	108-3289-03	1	Panel-Seat, RH
17	132-7664-03	1	Panel-Seat, LH

Ref.	Part Number	Qty.	Description
18	94-7085	2	Trim
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



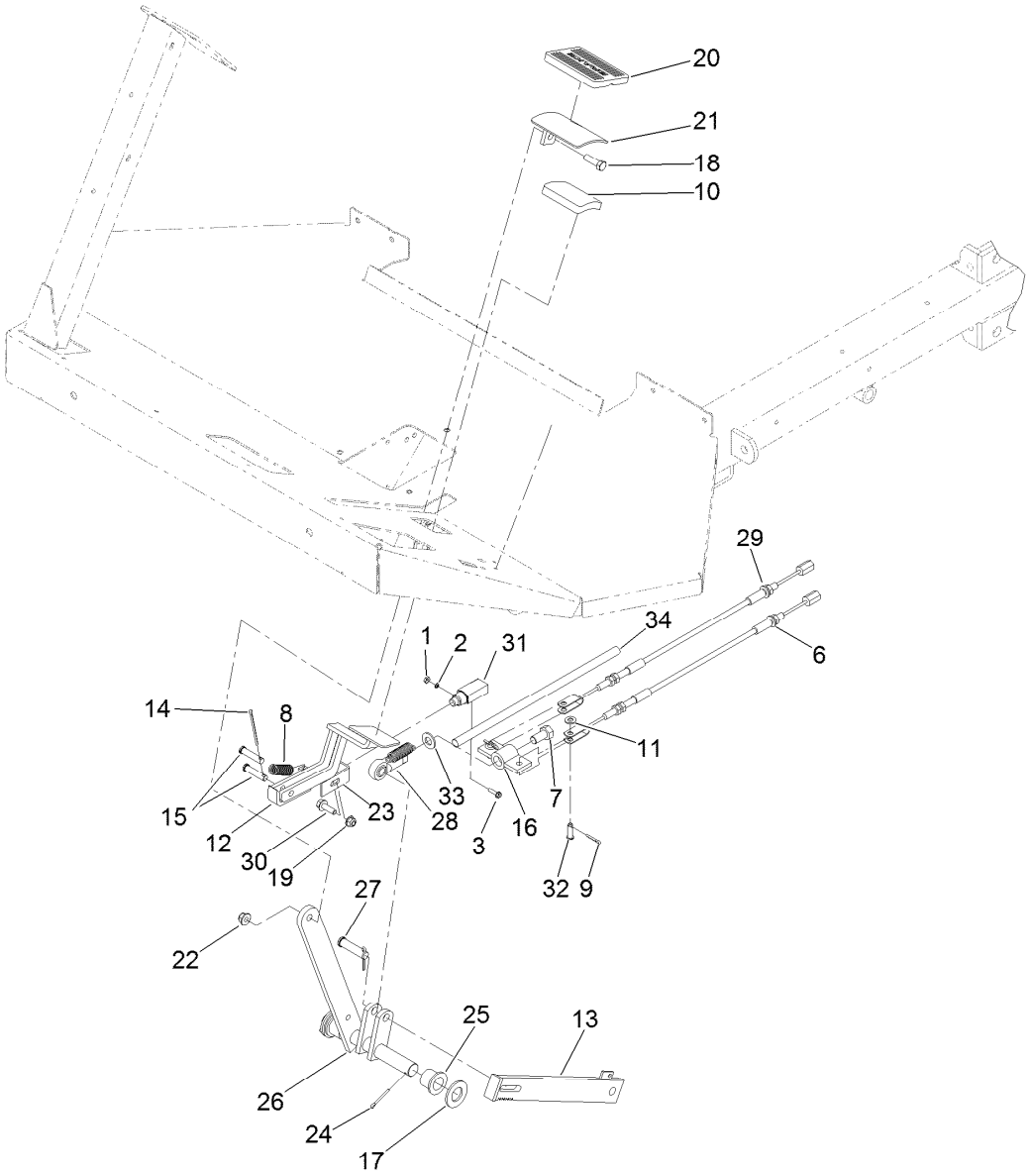
Seat, Fresh Water Tank and Roll-Over Protection System Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
36	132-7627-03	1	Clamp-Bracket, Fresh Water Tank
37	104-8301	4	Nut-HF, NI
38	3234-1	4	Screw-HHF
39	133-2797	1	Disc-Plunger



Control Console Assembly

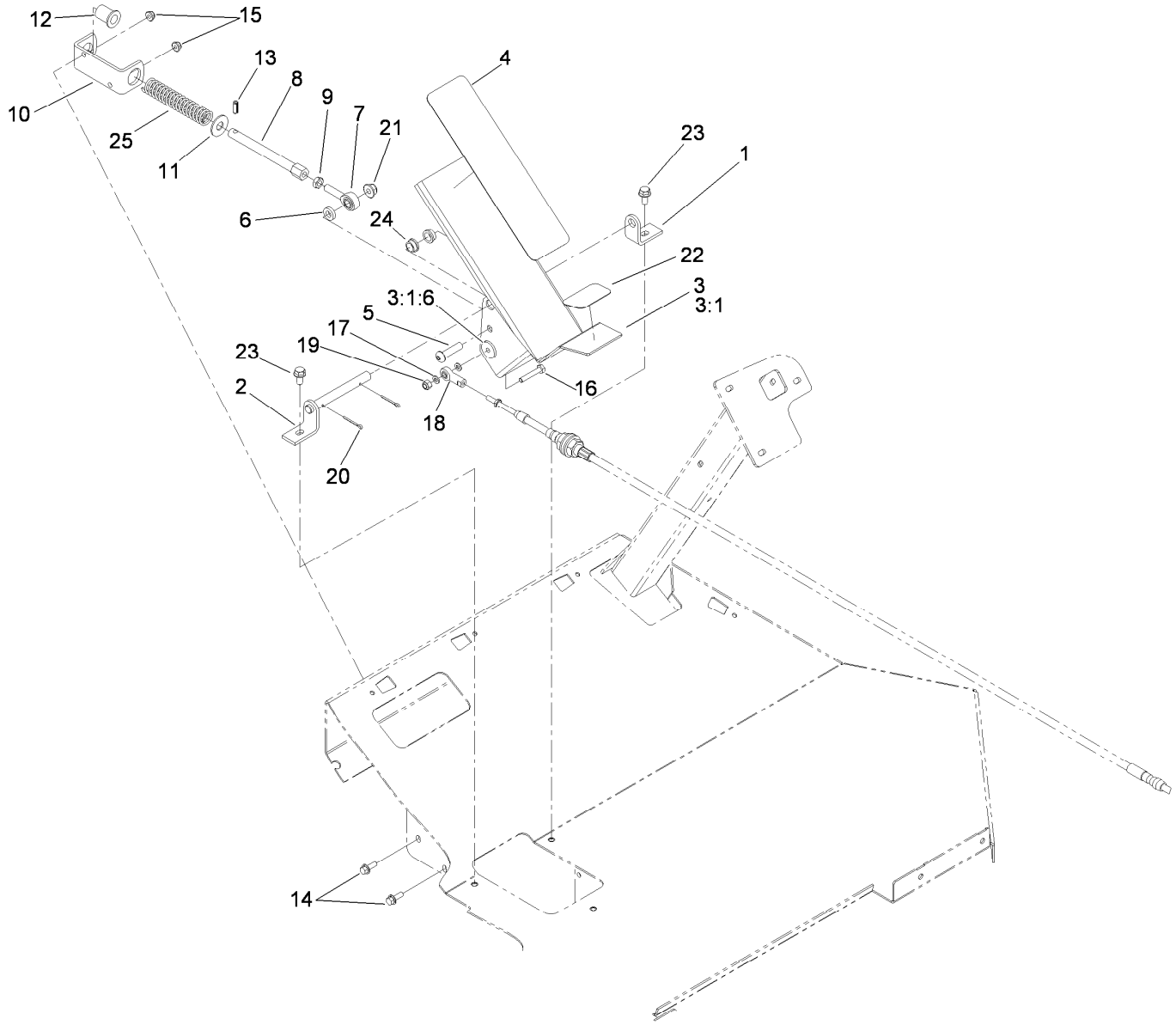
Ref.	Part Number	Qty.	Description
1	132-5640-03	1	Frame-Console
2	132-7615-03	1	Plate-Monitor
3	132-7610-03	1	Retainer-Monitor
4	125-5320	1	Infocenter
4:1	115-8884	4	Nut-Thumb
4:2	115-8885	4	Stud
5	132-7668	4	Screw-PPH
6	132-7617	1	Hood-Console
7	132-7611	1	Cover-LH
8	132-7612	1	Cover-RH
9	132-5645-03	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
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
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	3272-10	2	Pin-Cotter
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	3272-53	1	Pin-Cotter
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	3	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

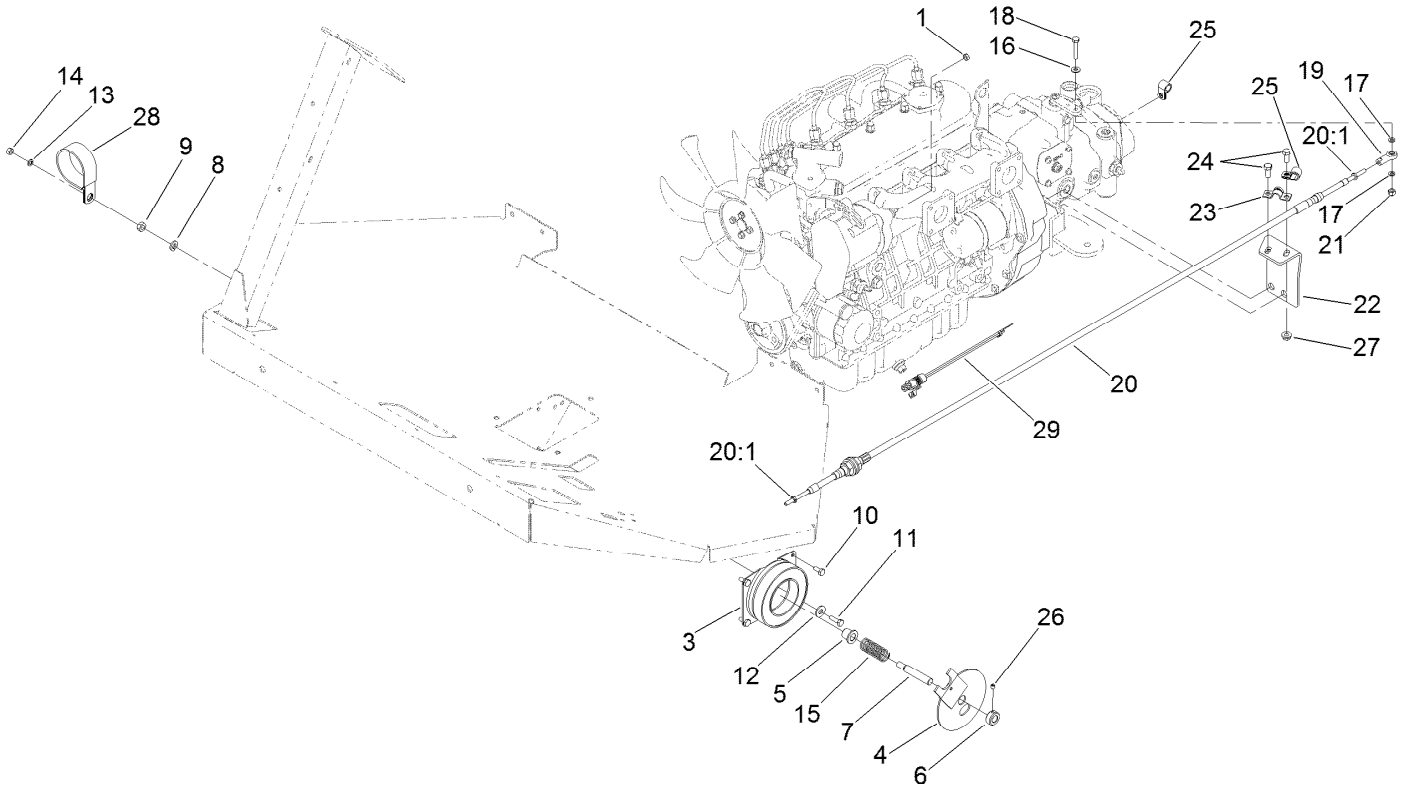


Traction Pedal Assembly

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

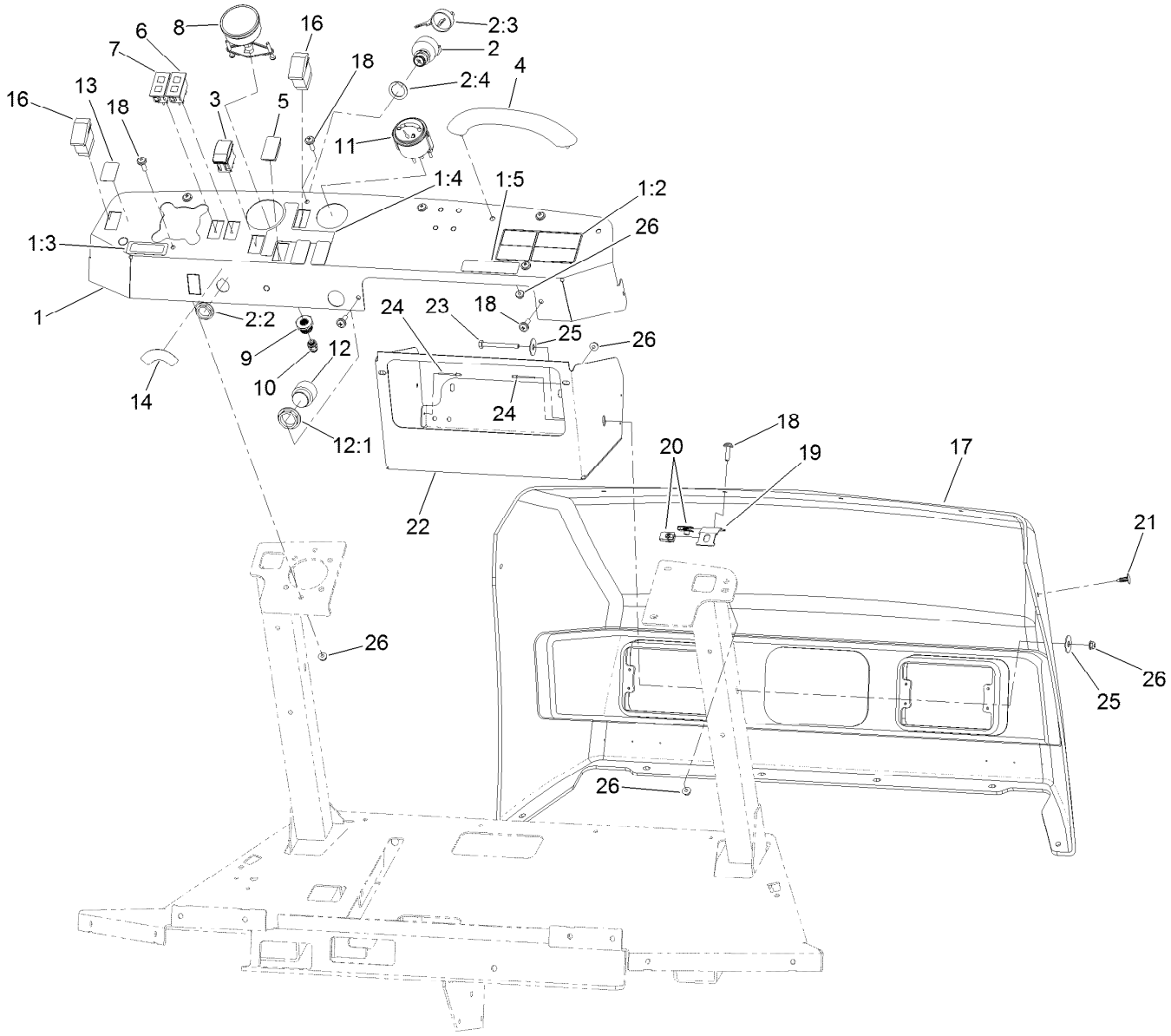
● Not serviced separately



Throttle Assembly

Ref.	Part Number	Qty.	Description
1	33013-00	1	Nut-Hex
3	42-1720	1	Core-Field, Coil
4	43-6110-03	1	Plate-Clutch
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

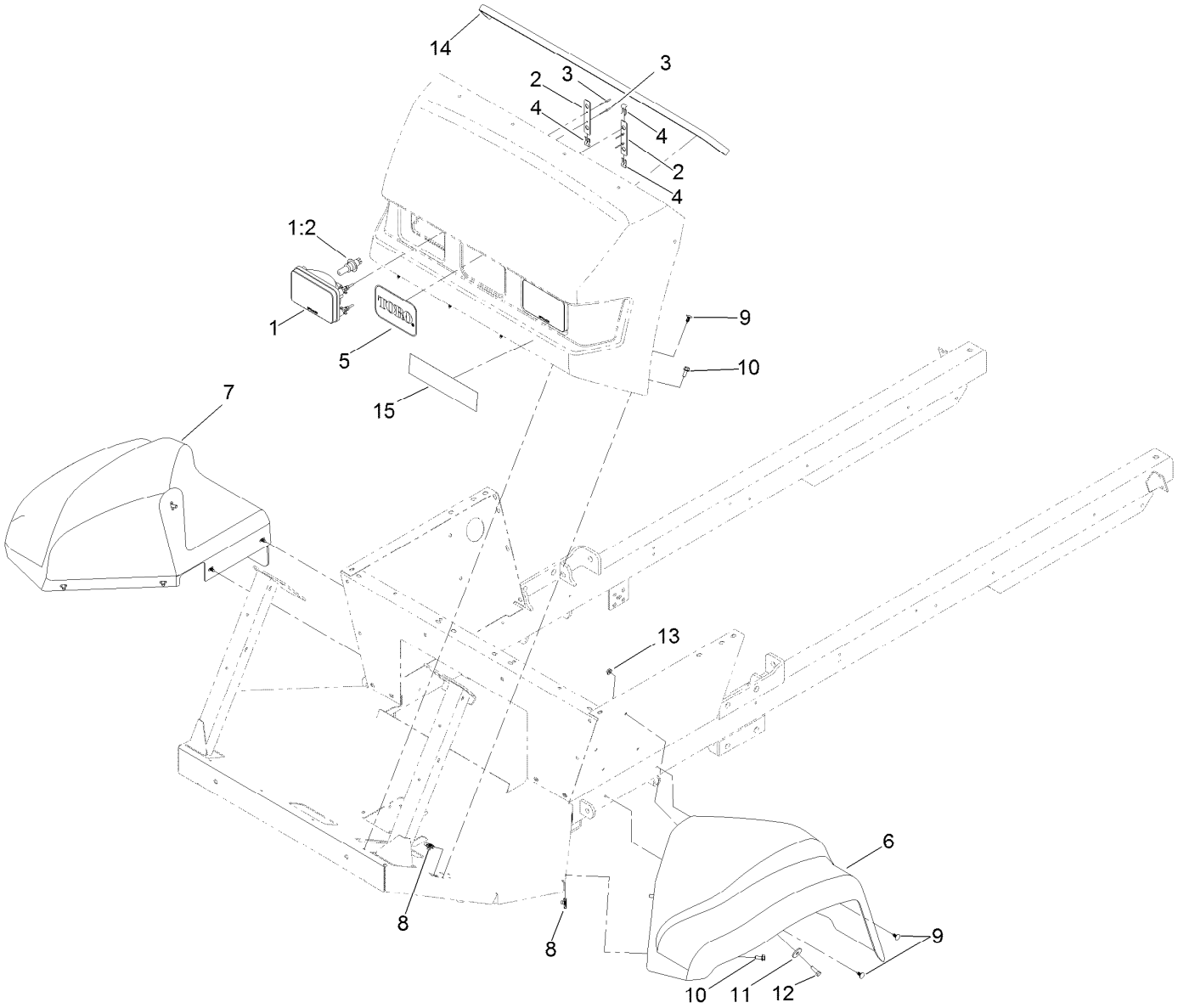
Ref.	Part Number	Qty.	Description
17	33093-00	2	Washer-Flat
18	321-9	1	Screw-HH
19	2411-41	1	Rod End-Ball Joint
20	106-5233	1	Cable-Traction
20:1	3220-1	2	Nut-Jam
21	3296-42	1	Nut-Lock, NI
22	119-9359	1	Bracket-Cable, Rear
23	93-2092	1	Clamp-Cable
24	322-3	2	Screw-HH
25	2412-93	2	Clamp-R
26	3245-32	1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



Dash Panel Assembly

Ref.	Part Number	Qty.	Description
1	132-7690	1	Dash Panel ASM
1:2	120-0624	1	Decal-Warning, Passenger
1:3	107-8722	1	Decal-Instructions, Parking Brake
1:4	132-7689	1	Decal-Switch
1:5	117-2718	1	Decal-Arrester, 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
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

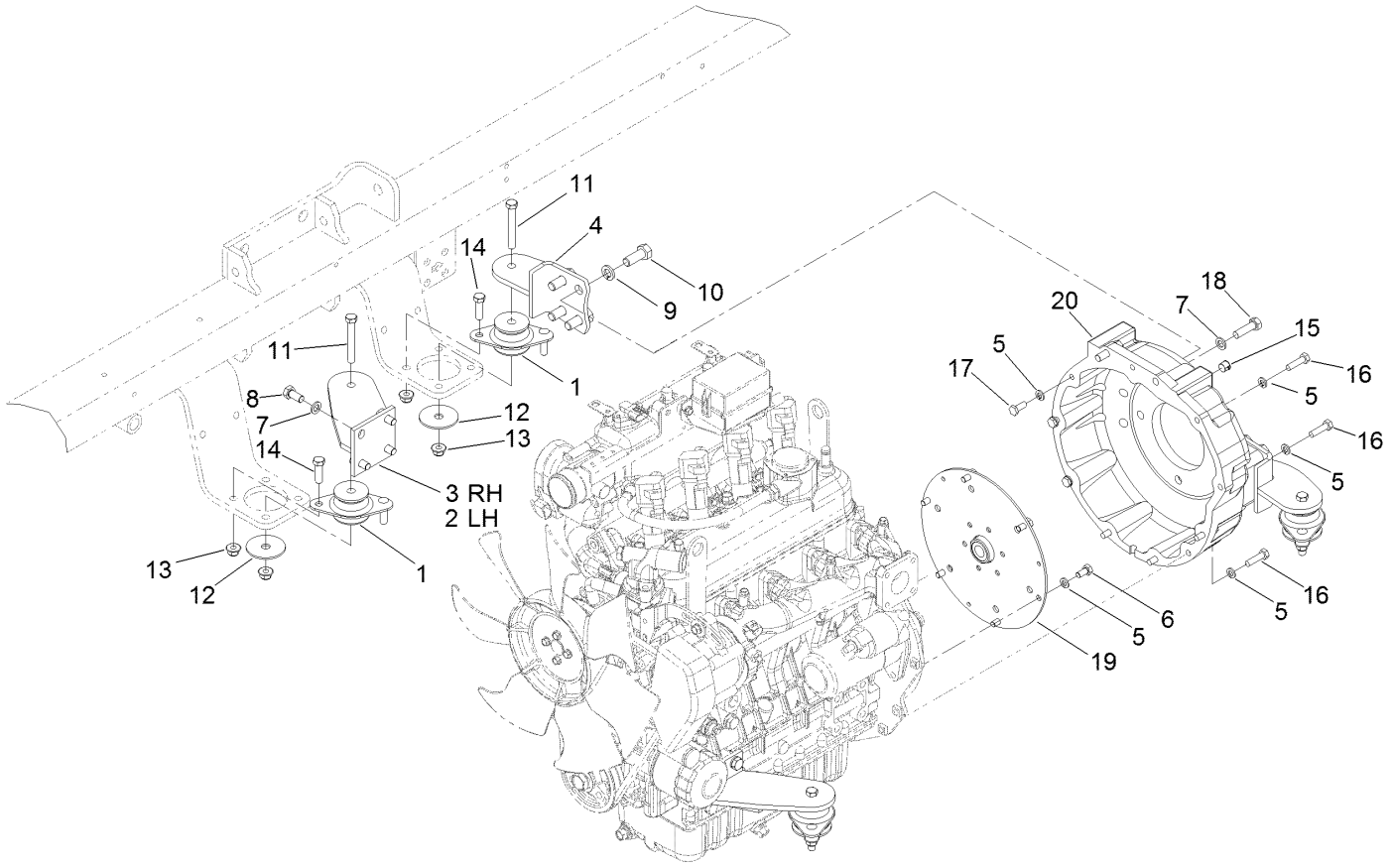
Ref.	Part Number	Qty.	Description
11	132-7614	1	Gauge-Fuel
12	80-9330	1	Audio Alarm ASM
12:1	104-5107	1	Nut-Plastic, Knurled
13	132-7708	1	Decal-Lights, Horn
14	119-6035	1	Decal-Ignition Switch
16	95-8999	2	Switch
17	117-0793	1	Hood
18	110-9361	12	Screw-PPH, Sems
19	117-0735	4	Bracket-Hood
20	107069	8	Clip
21	117-2382	2	Plug-Plastic
22	119-0431-03	1	Compartment-Storage, Middrop
23	321-15	1	Screw-HH
24	3269-32	3	Rivet-Pop
25	52-2860	2	Washer
26	104-7201	7	Nut-HF



Front Fender and Headlight Assembly

Ref.	Part Number	Qty.	Description
1	114-8322	2	Headlight ASM
1:2	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

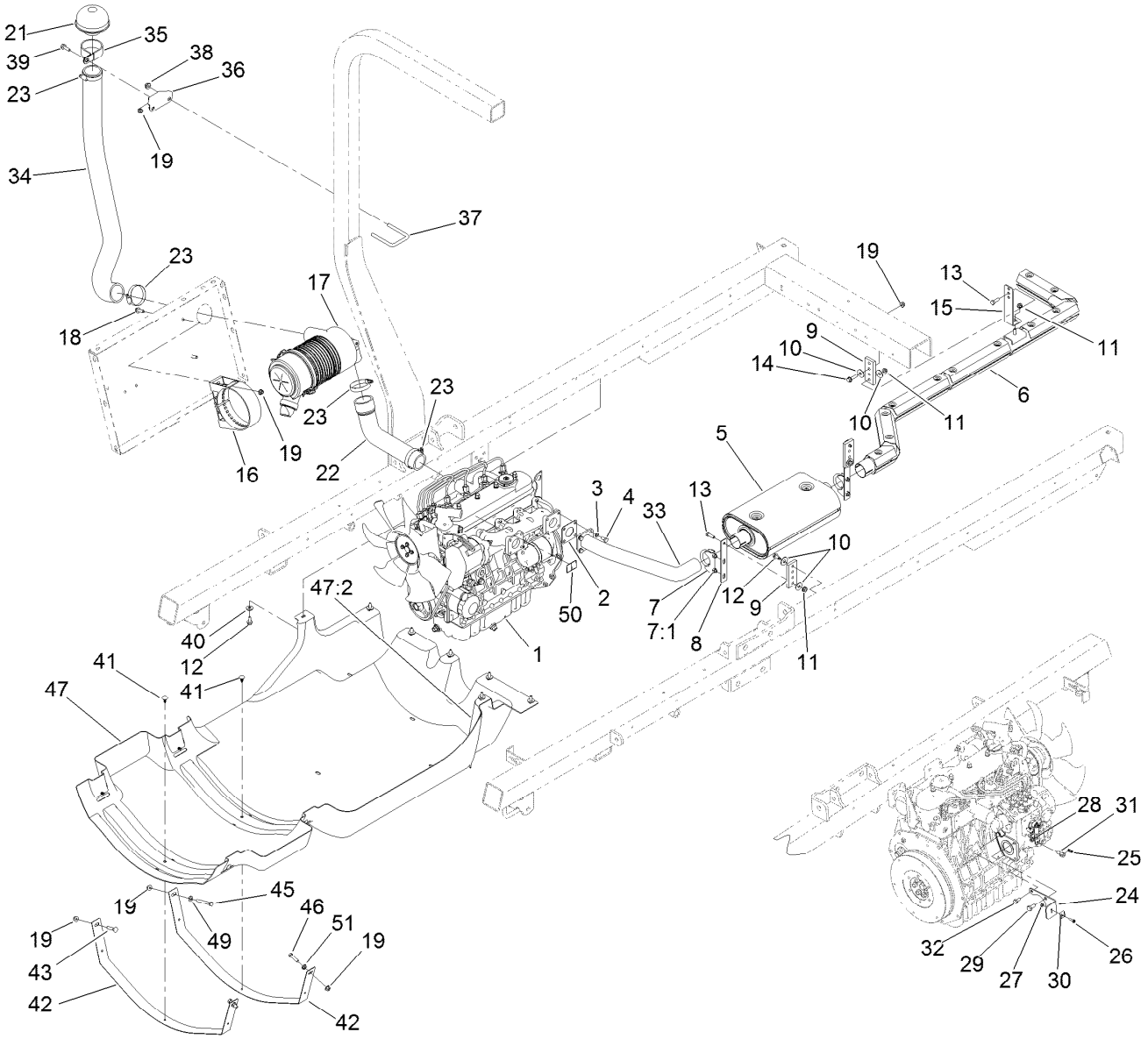
Ref.	Part Number	Qty.	Description
8	94-2413	6	Nut-U
9	117-2382	8	Plug-Plastic
10	3234-47	6	Screw-HHF
11	63-8410	2	Washer
12	322-5	2	Screw-HH
13	32128-20	2	Nut-HF
14	119-0504	1	Trim-Hood
15	131-3308	1	Decal



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

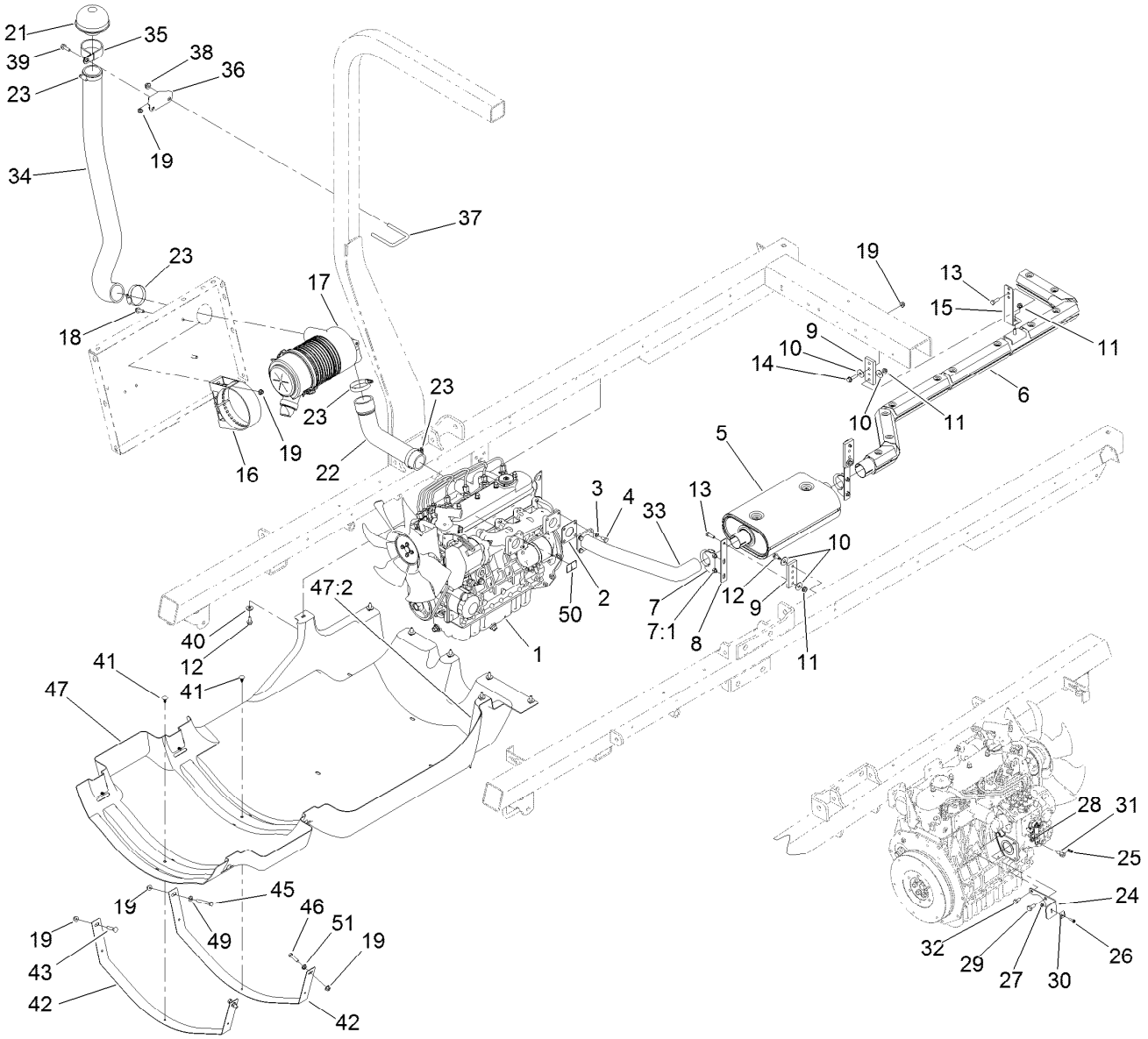
Ref.	Part Number	Qty.	Description
11	323-13	4	Screw-HH
12	87-5100	4	Washer-Snubbing
13	104-8301	12	Nut-HF, NI
14	323-7	8	Screw-HH
15	119-6039	2	Plug-Plastic
16	33114-030	6	Screw-HH
17	33114-020	3	Screw-HH
18	56-2140	2	Screw-HH
19	92-0285	1	Coupling ASM
20	105-0100	1	Housing-Flywheel



Engine, Exhaust and Air Cleaner Assembly

Ref.	Part Number	Qty.	Description
1	125-2167	1	Engine-Kubota, V1505 Dsl
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	9	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	8	Nut-HF, NI
21	27-7180	1	Cap

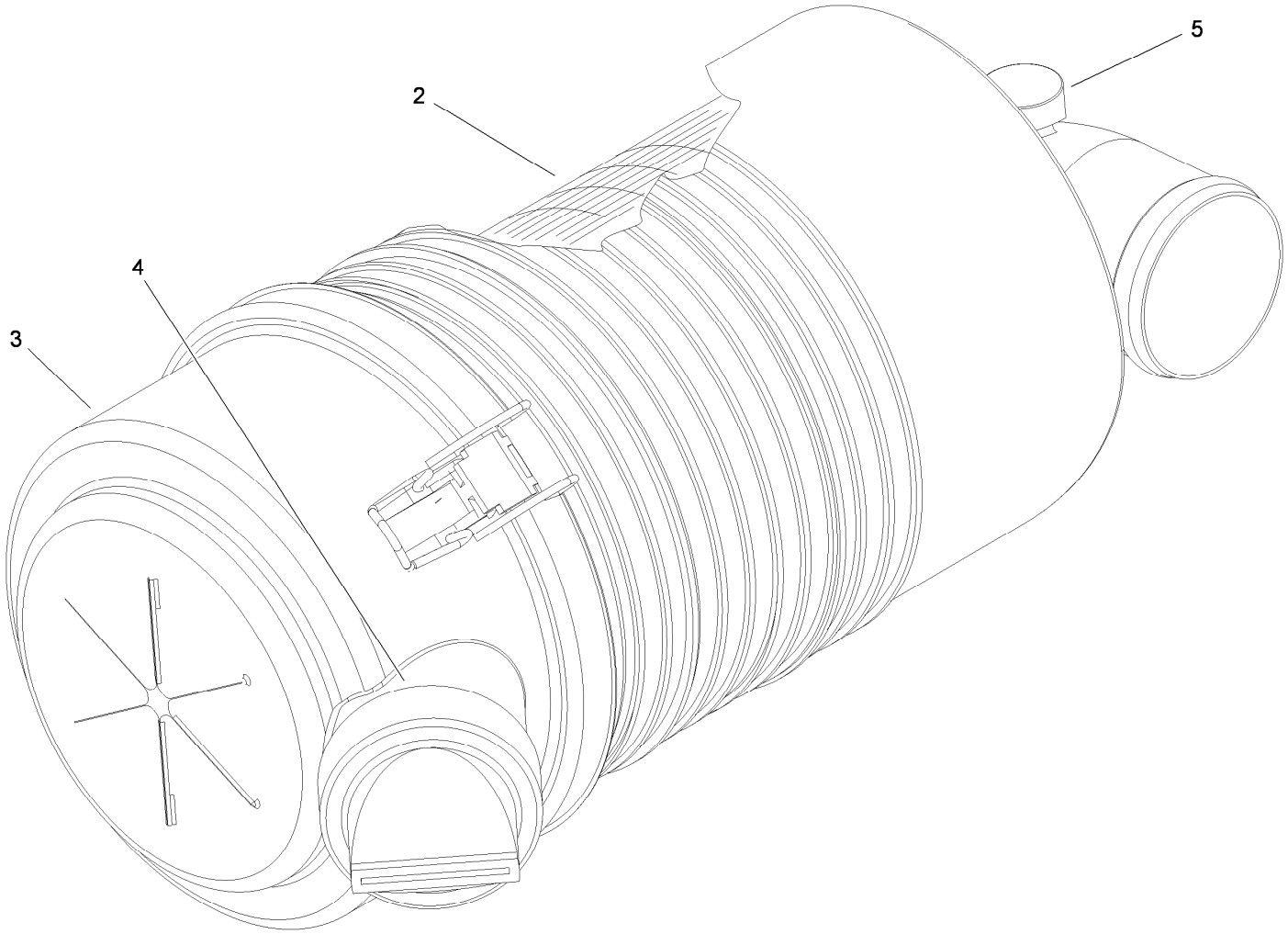
Ref.	Part Number	Qty.	Description
22	106-5241	1	Hose-Cleaner, Air
23	2412-130	4	Clamp-Hose
24	110-9009-03	1	Bracket-Cable, Throttle
25	112-9919	1	Stop-Cable, Throttle
26	32105-13	1	Screw-HWH
27	3296-2	1	Nut-Lock, NI
28	3296-20	1	Nut-Lock, NI
29	63-7790	1	Screw-Cap
30	81-1690	1	Clamp-Cable
31	98-9311	1	Swivel-Throttle
32	99-5132	1	Bolt
33	117-7950	1	Manifold-Exhaust
34	131-3322	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	1	Screw-HHF
40	3256-3	7	Washer-Flat
41	117-2382	6	Plug-Plastic
42	119-9399-03	2	Strap-Shield, Heat



Engine, Exhaust and Air Cleaner Assembly (continued)

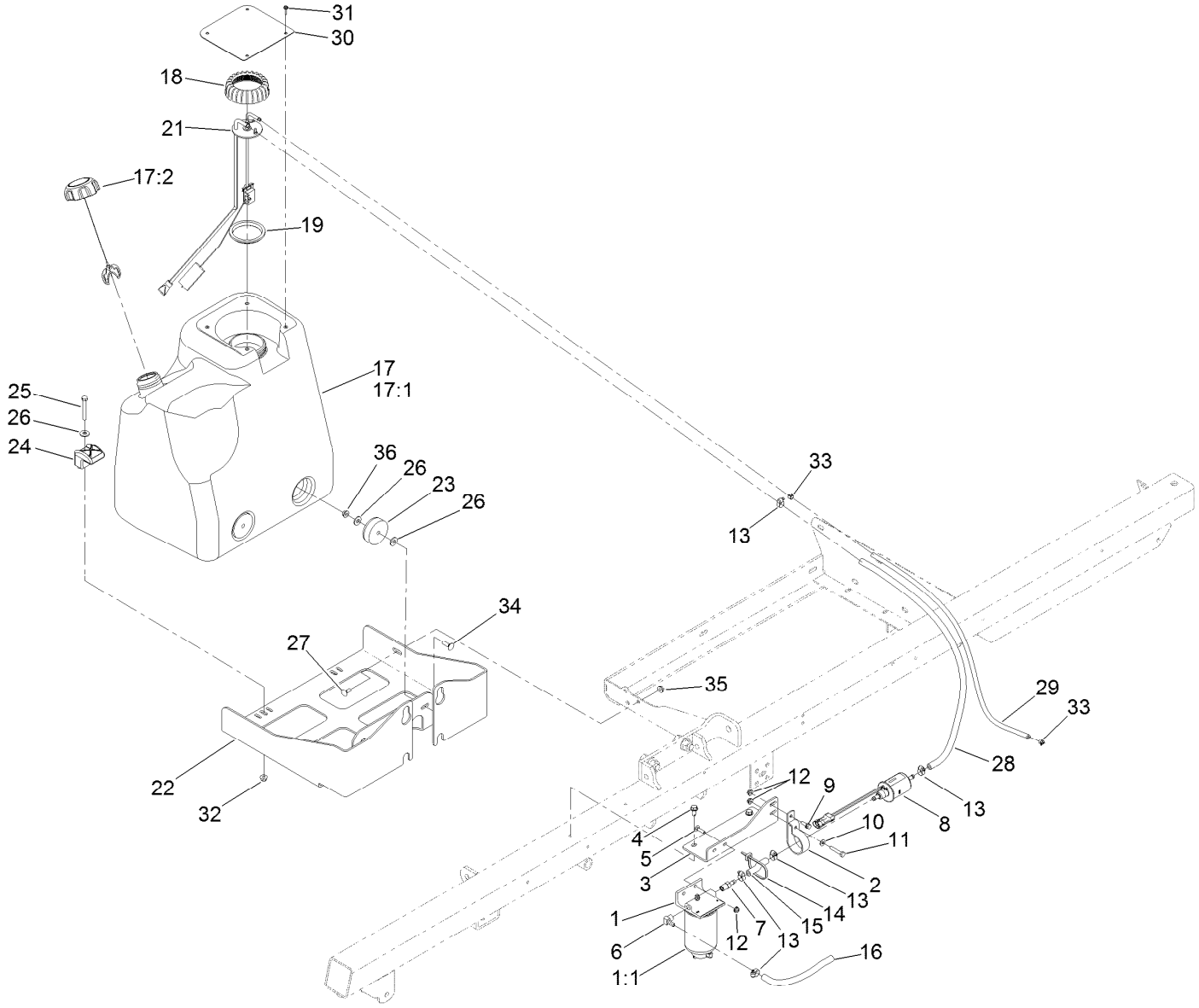
Ref.	Part Number	Qty.	Description
43	33-5790	1	Bolt-CARR
45	322-12	1	Screw-HH
46	322-6	2	Screw-HH
47	131-5834	1	Undercarriage Shroud ASM

Ref.	Part Number	Qty.	Description
47:2	131-5833	1	Shield-Outlet, Muffler
49	3256-23	1	Washer-Plain
50	106-5517	1	Decal-Warning
51	32128-20	1	Nut-HF



Air Cleaner Assembly No. 106-5277

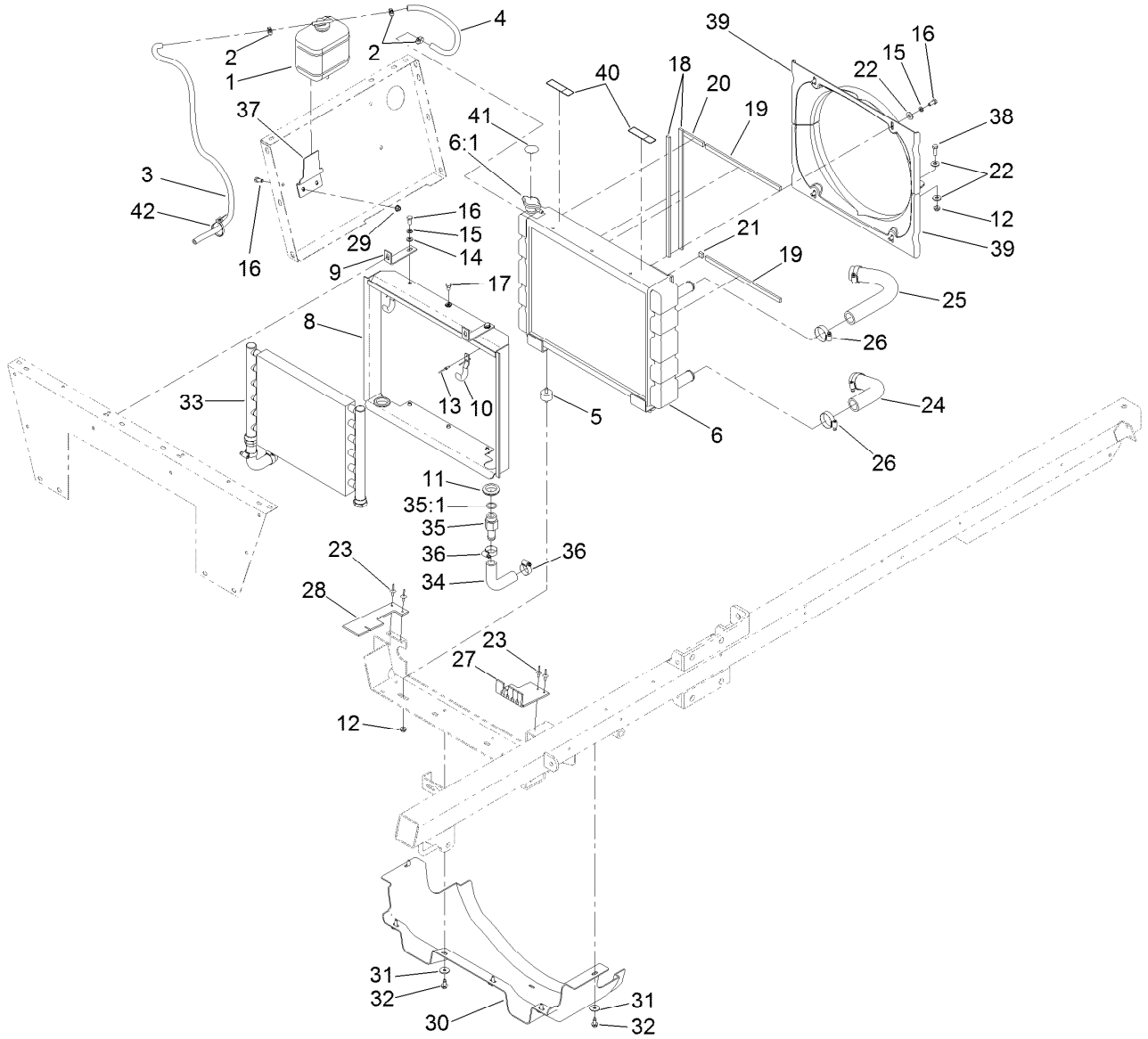
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



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-Elbow
7	353-783	1	Fitting-Straight
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

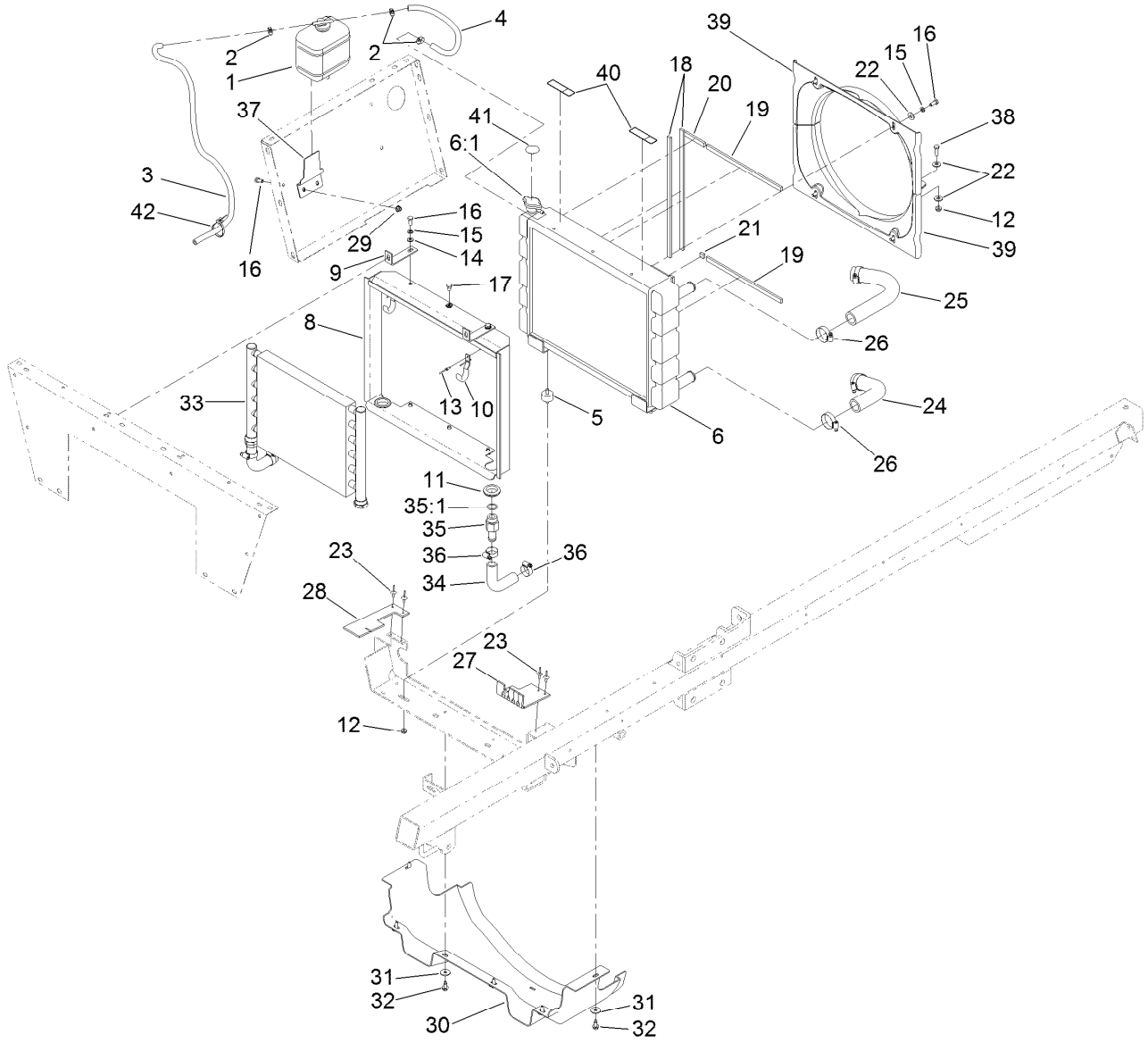
Ref.	Part Number	Qty.	Description
17:2	117-5894	1	Fuel Cap ASM
18	115-2162	1	Cap-Pump, Fuel
19	115-2163	1	Gasket-Pump, Fuel
21	132-7619	1	Sender-Fuel
22	131-9550-03	1	Bracket-Tank, Fuel Tank
23	108-1605	2	Bumper-Recess
24	107-4543	2	Clamp
25	322-11	2	Screw-HH
26	3256-3	6	Washer-Flat
27	3230-1	1	Bolt-CARR
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



Radiator Assembly

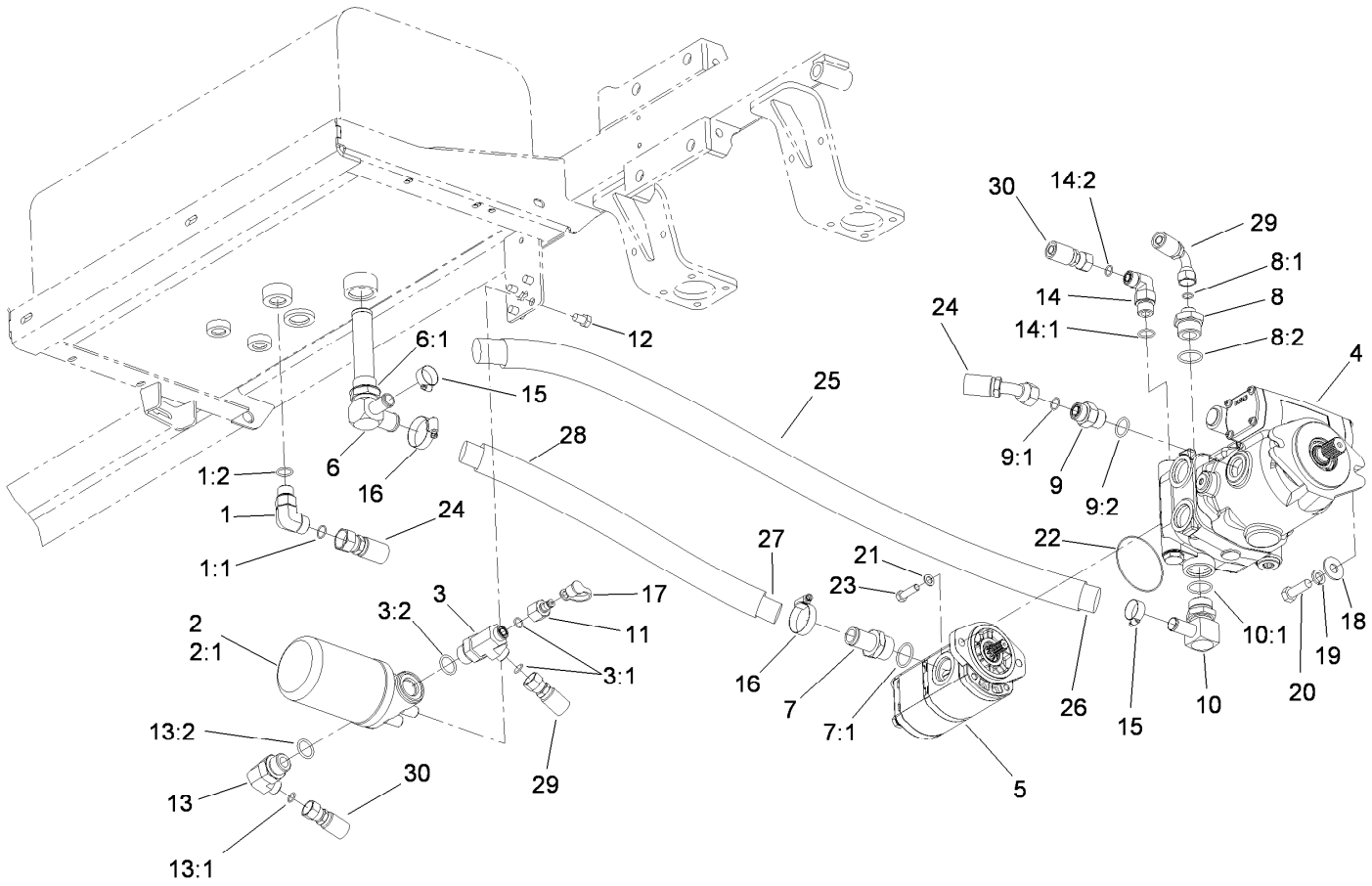
Ref.	Part Number	Qty.	Description
1	108-0638	1	Bottle-Overflow
2	2412-108	3	Clamp-Worm
3	109-0309	1	Hose-Fuel
4	106-1126	1	Hose-Fuel
5	62-5480	2	Isolater-Seat
6	106-5291	1	Radiator
6:1	114-9593	1	Cap-Radiator
8	106-5180-03	1	Shroud-Radiator
9	106-5185	2	Brace-Radiator
10	75-0930	2	Hook-Mount, Cooler
11	240-3	2	Grommet-Rubber
12	32128-20	4	Nut-HF
13	3269-15	4	Rivet-Pop
14	3256-23	6	Washer-Plain
15	3253-4	10	Washer-Lock
16	322-3	4	Screw-HH
17	322-1	4	Screw-HH
18	107-8675	4	Seal-Foam
19	107-8676	2	Seal-Foam
20	107-8677	2	Seal-Foam
21	107-8678	2	Seal-Foam

Ref.	Part Number	Qty.	Description
22	3256-56	8	Washer-Flat
23	322-5	2	Screw-HH
23	3269-18	4	Rivet-Pop
24	119-4992	1	Hose-Radiator
25	106-5239	1	Hose-Radiator, Upper
26	2412-111	4	Clamp
27	131-5756	1	Baffle-Heat, LH
28	119-5037	1	Baffle-Heat, RH
29	104-8300	2	Nut-HF, NI
30	119-9393	1	Shield-Front Heat, Engine
31	3256-82	6	Washer-Flat
32	32104-32	6	Screw-HWH
33	94-7007	1	Cooler-Oil
34	125-5880	2	Hose-Cooler, Oil
35	112-7835	2	Fitting-Straight
35:1	237-81	1	O-Ring
36	2412-129	4	Clamp-Hose
37	130-7102-03	1	Bracket-Reservoir
38	322-5	2	Screw-HH
39	106-5290	2	Shroud-Fan
40	120-0627	2	Decal-Warning



Radiator Assembly (continued)

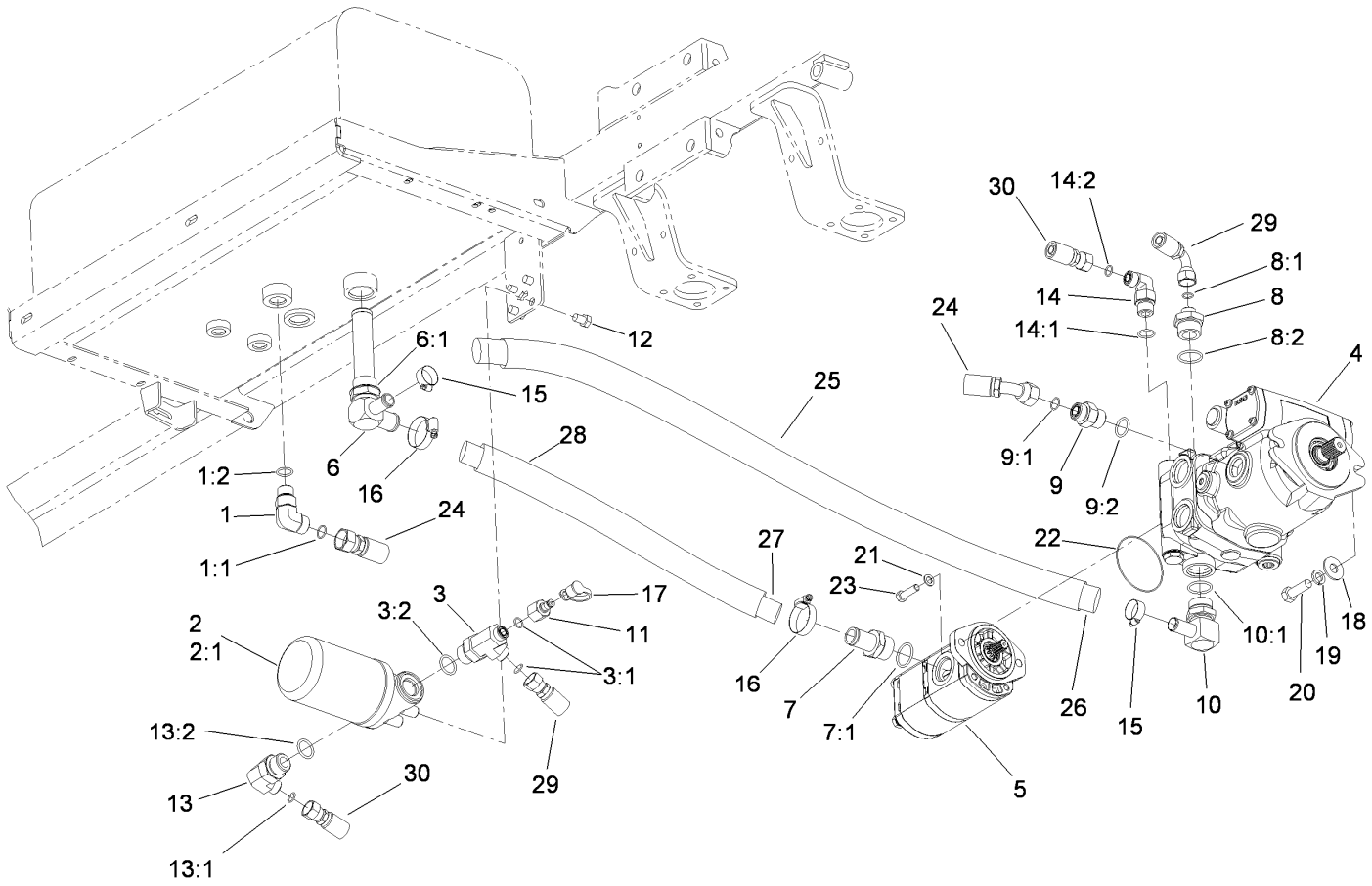
Ref.	*Part Number*	*Qty.*	*Description*
41	106-6755	1	Decal-Cap, Radiator
42	3290-378	1	Tie-Cable



Hydraulic Pump and Filter Assembly

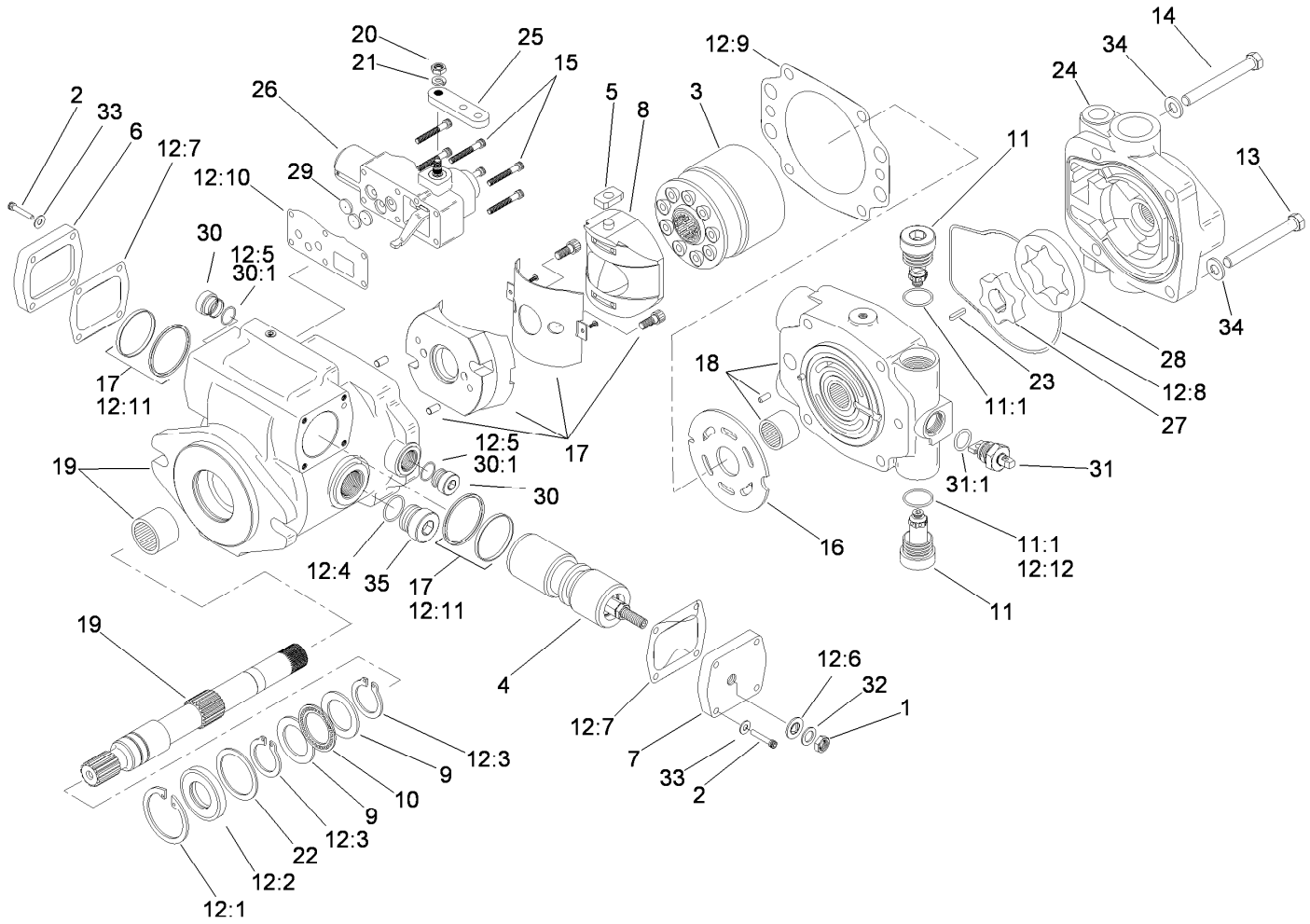
Ref.	Part Number	Qty.	Description
1	340-17	1	Fitting-Elbow-90
1:1	237-65	1	O-Ring
1:2	237-80	1	O-Ring
2	93-2242	1	Filter-Oil
2:1	75-1310	1	Filter-HYD
3	117-0676	1	Fitting-Tee
3:1	237-30	2	O-Ring
3:2	237-81	1	O-Ring
4	117-0685	1	Piston Pump ASM
5	119-5038	1	Tandem Pump ASM
6	117-0684	1	Strainer-Tee
6:1	237-146	1	O-Ring
7	354-78	1	Connector-Hose
7:1	237-146	1	O-Ring
8	104-9178	1	Fitting-Str
8:1	237-30	1	O-Ring
8:2	237-146	1	O-Ring
9	340-8	1	Fitting-Straight
9:1	237-65	1	O-Ring
9:2	237-81	1	O-Ring
10	98-0971	1	Fitting-Elbow, 90

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
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	HYD Hose ASM
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
29	117-0686	1	Hose-HYD
30	117-0729	1	Hose ASM



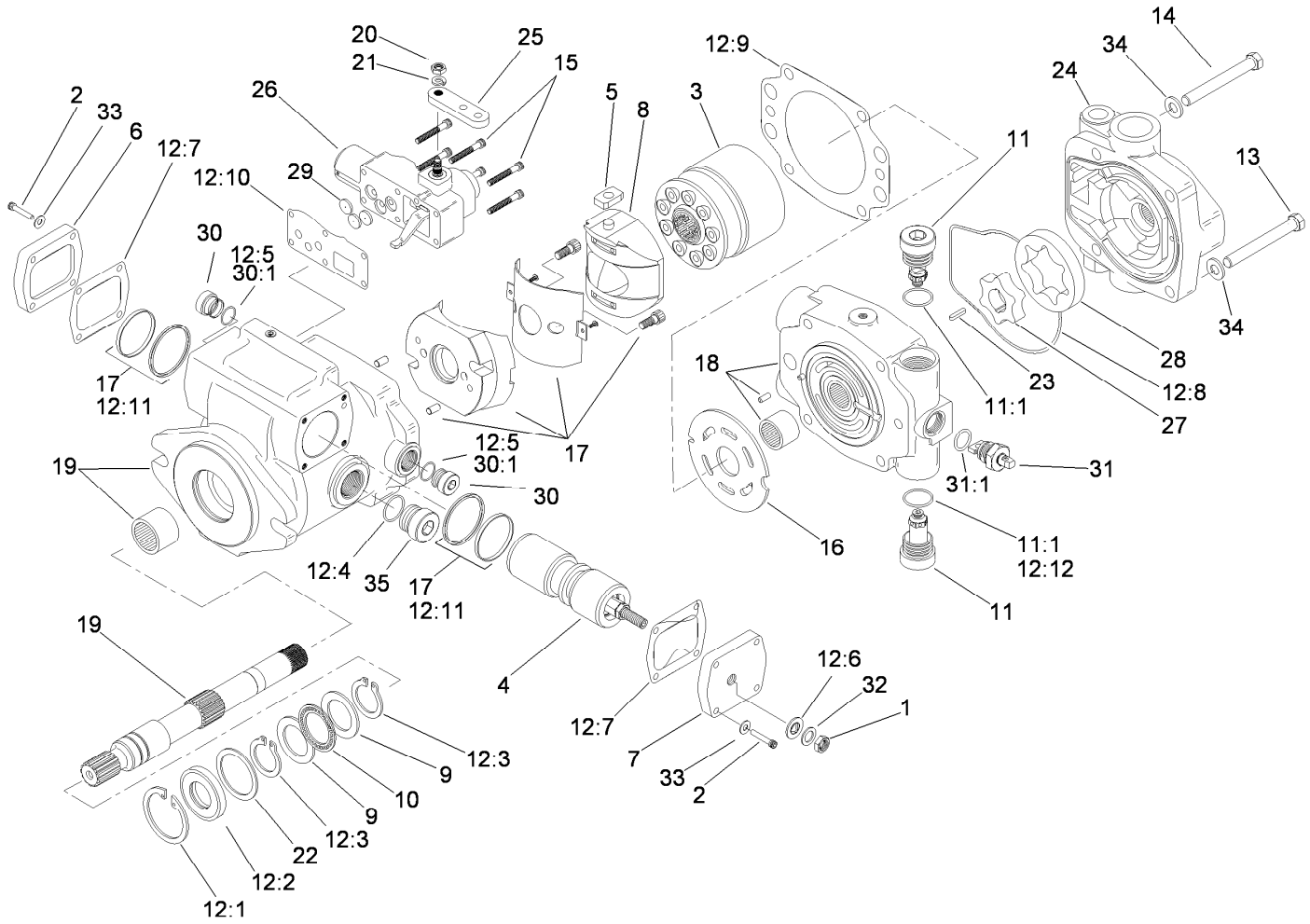
Piston Pump Assembly No. 117-0685

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

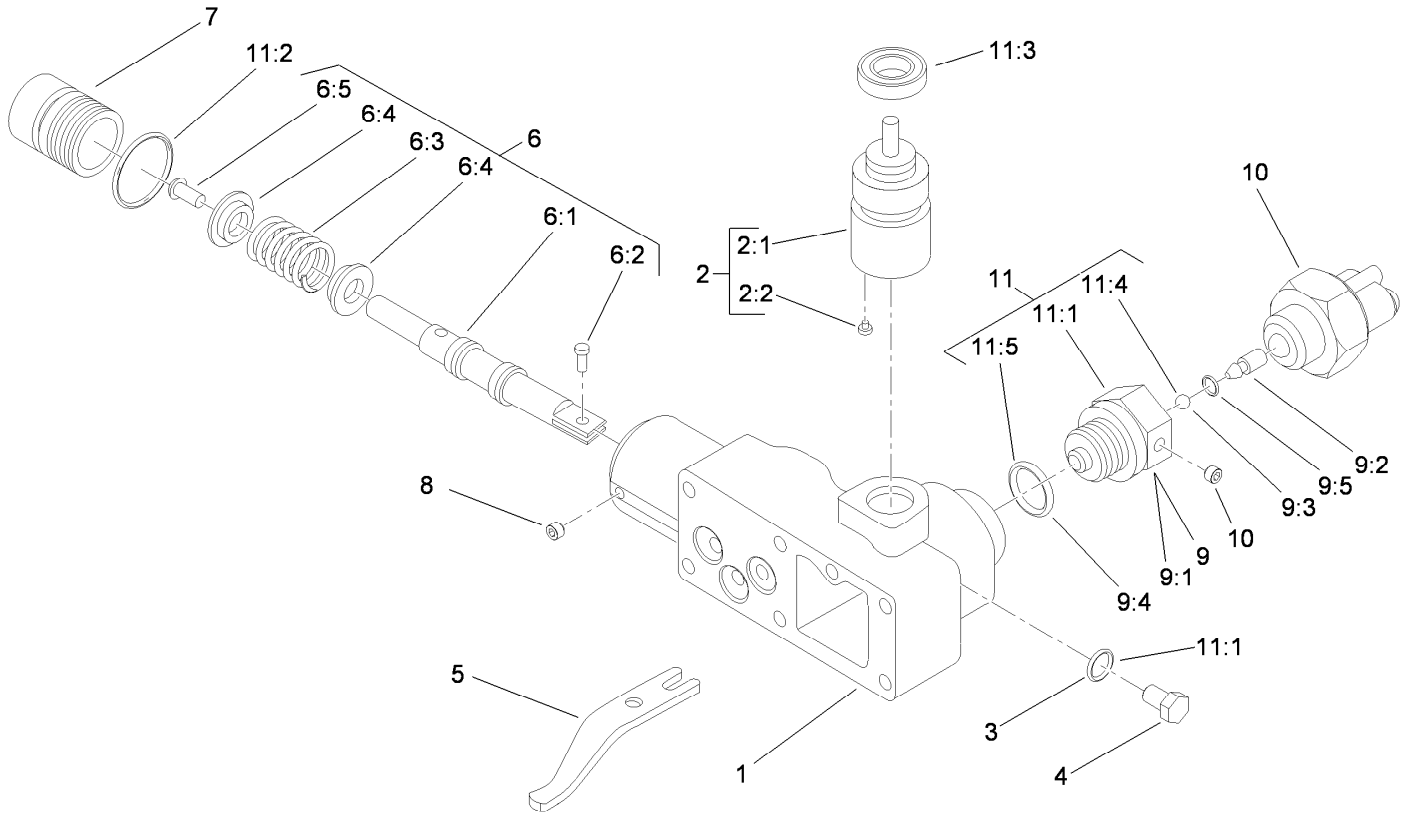


Piston Pump Assembly No. 117-0685 (continued)

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
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 ■

● Not illustrated

■ Not serviced separately

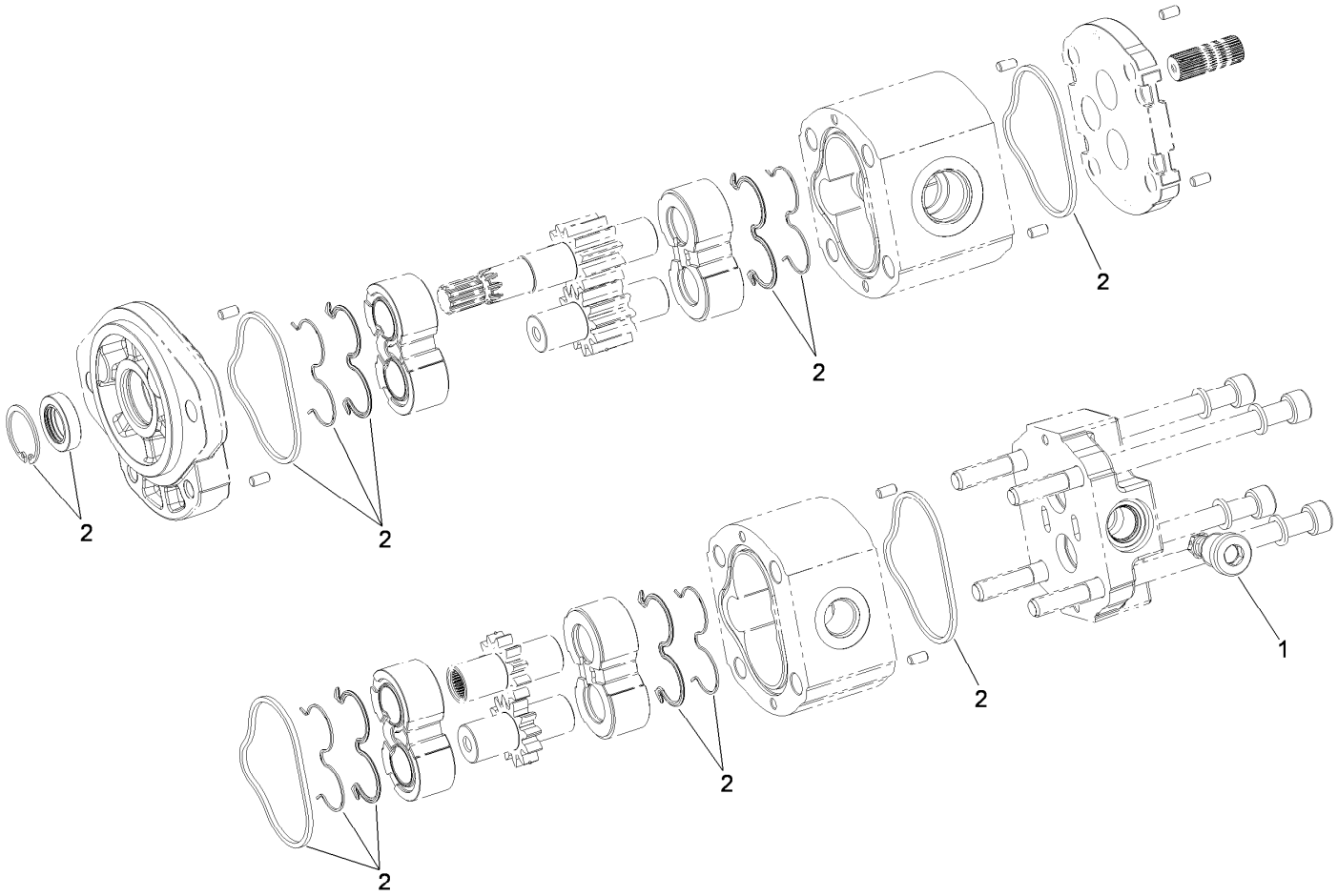


Control Assembly No. 115-4446

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 ●

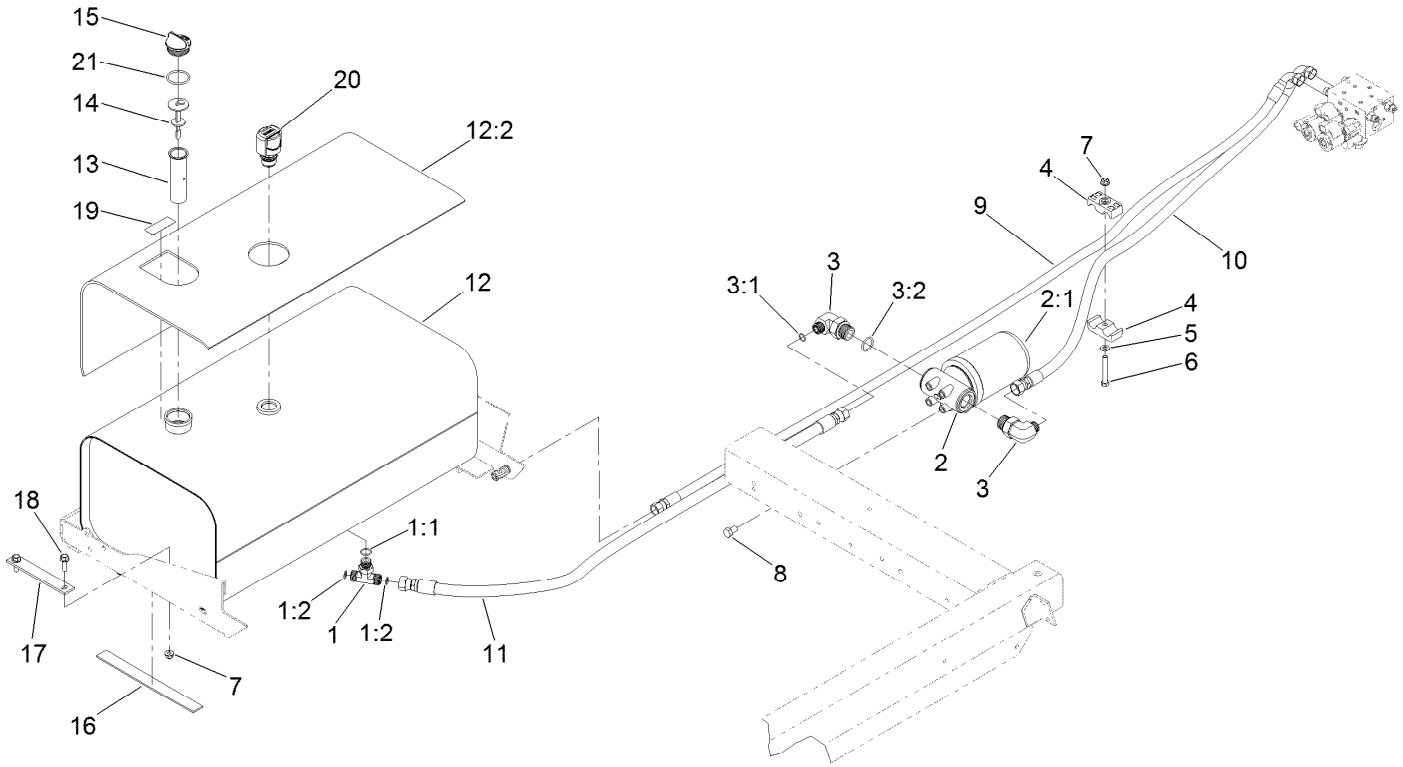
Ref.	Part Number	Qty.	Description
8		2	Screw-Set ●
9	108-8003	1	Adaptor ASM
9:1		1	Adaptor-Lockout, Neutral ●
9:2		1	Pin ●
9:3		1	Ball ●
9:4		1	O-Ring ●
9:5		1	O-Ring ●
10	115-3795	1	Switch-Neutral
11	94-3044	1	Seal Kit
11:1	117-8979	1	Seal-Shaft
11:2	105-2901	1	Gasket-Housing, Control
11:3		1	O-Ring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

● Not serviced separately



Tandem Pump Assembly No. 119-5038

Ref.	*Part Number*	*Qty.*	*Description*
1	120-5156	1	Valve-Relief
2	120-5155	1	Seal Kit

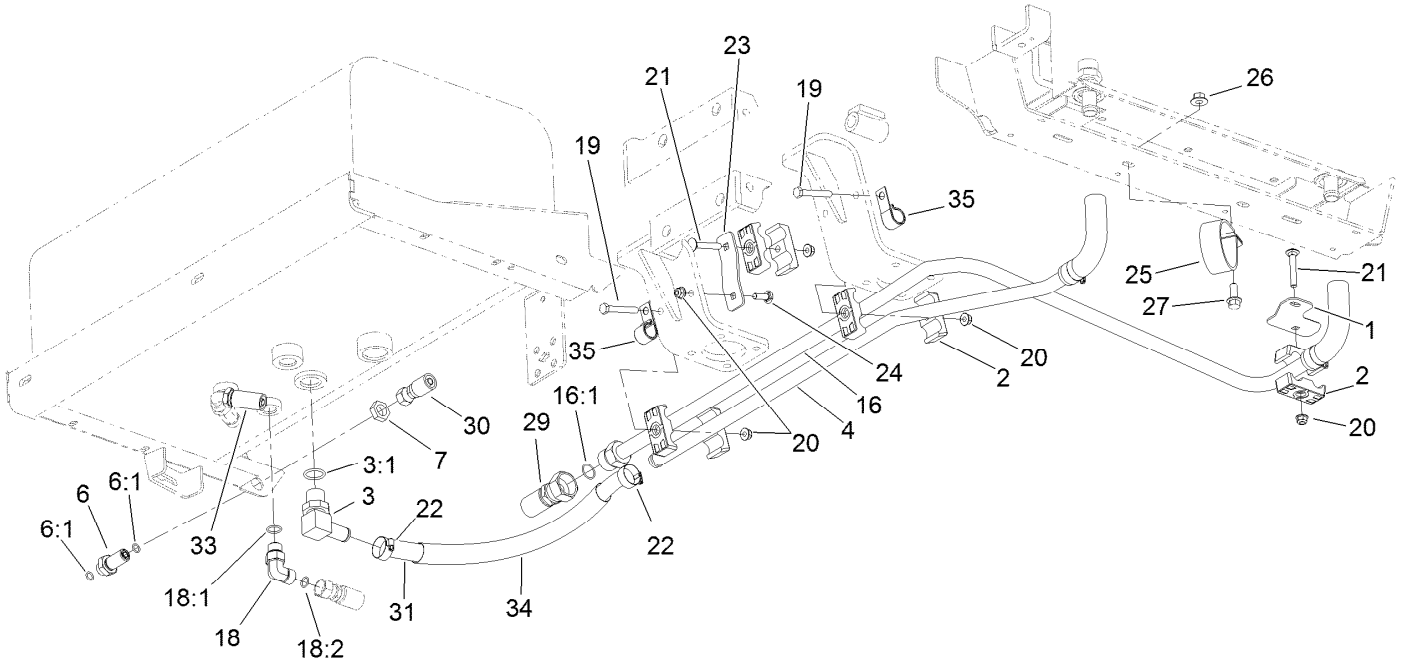


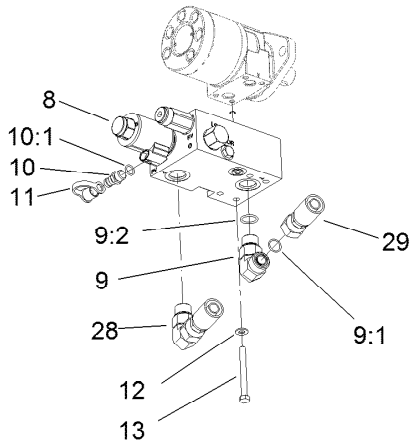
Hydraulic Tank Assembly

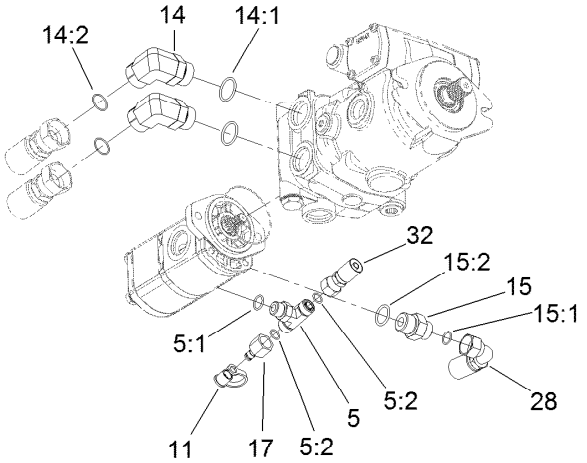
Ref.	Part Number	Qty.	Description
1	340-157	1	Fitting-HYD, Tee
1:1	237-79	1	O-Ring
1:2	237-30	2	O-Ring
2	93-2242	1	Filter-Oil
2:1	75-1310	1	Filter-HYD
3	340-131	2	Fitting-HYD, 90 DEG
3:1	237-30	1	O-Ring
3:2	237-81	1	O-Ring
4	94-8105	2	Clamp-Tube
5	3256-23	1	Washer-Plain
6	322-11	1	Screw-HH
7	104-8300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

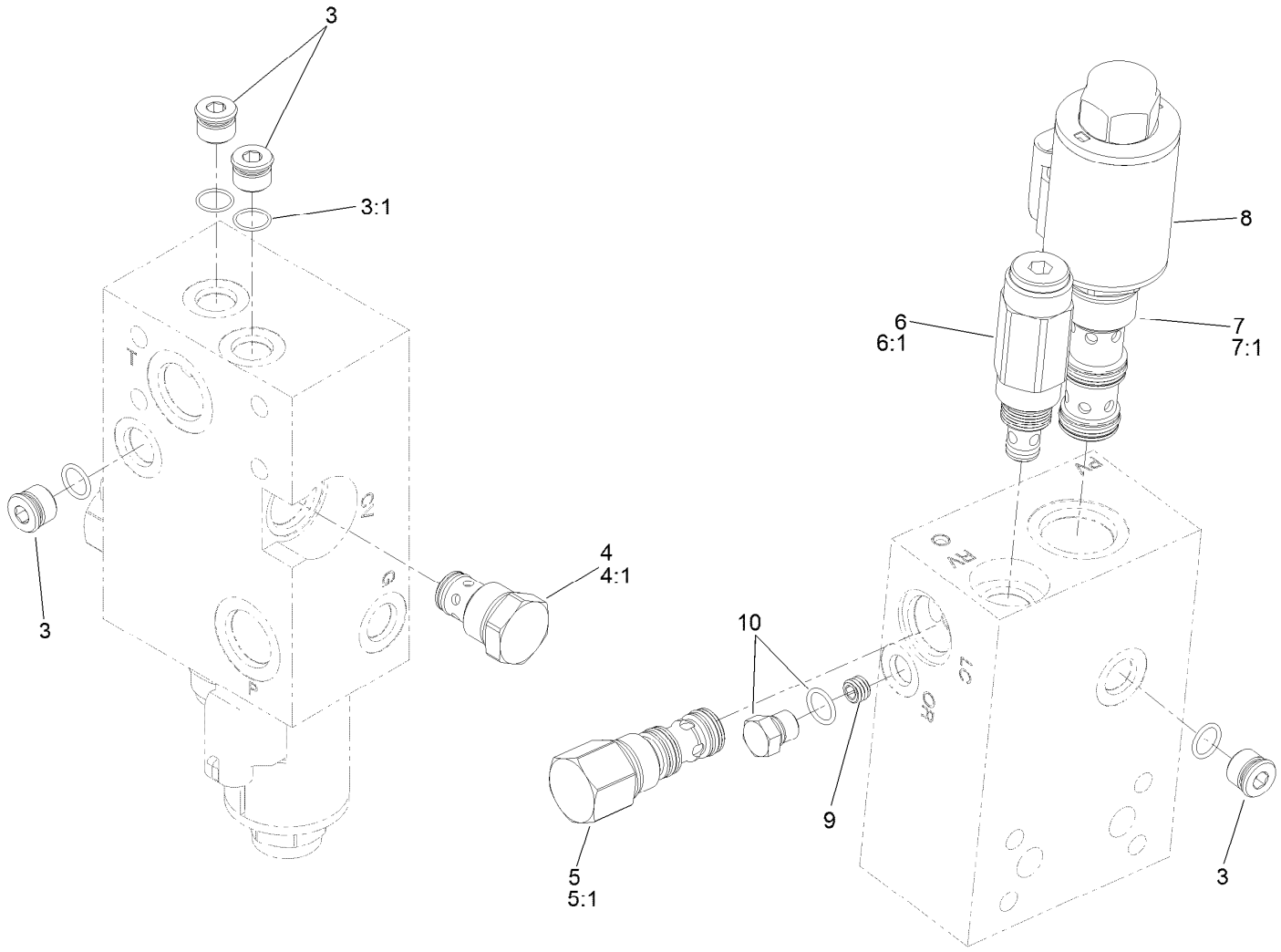






Hydraulic Pump and Filter Assembly (continued)

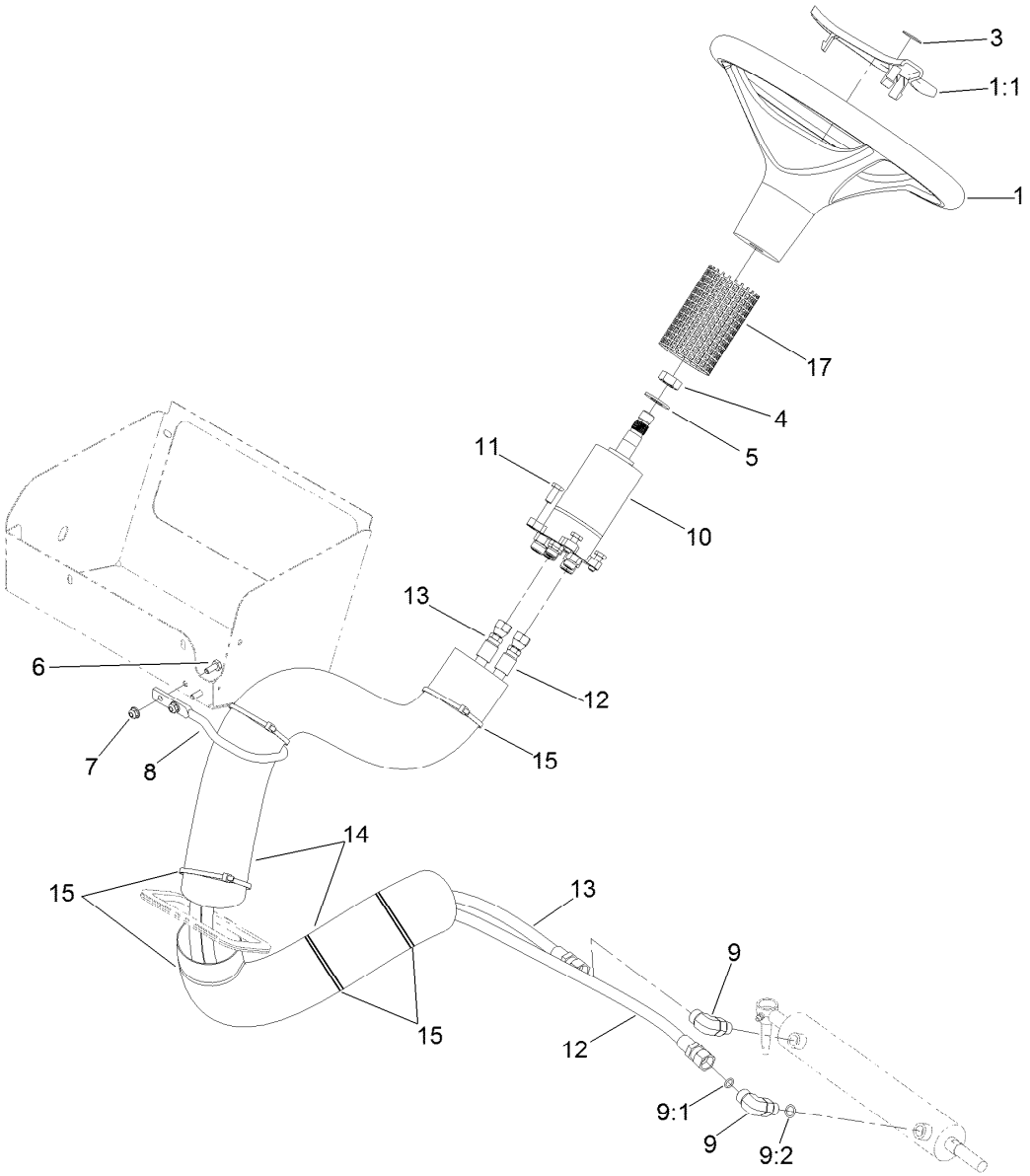
Ref.	Part Number	Qty.	Description
1	117-0723	1	Plate-Mount, Tube Clamp
2	94-8105	10	Clamp-Tube
3	353-987	1	Fitting-HYD, 90 DEG (Barbed)
3:1	237-81	1	O-Ring
4	117-0693	1	Hydraulic Tube
5	340-157	1	Fitting-HYD, Tee
5:1	237-79	1	O-Ring
5:2	237-30	2	O-Ring
6	340-71	1	Fitting-Straight, Bulkhead
6:1	237-22	2	O-Ring
7	340-70	1	Nut-Lock
8	117-0708	1	Pump Control Valve ASM
9	340-17	2	Fitting-Elbow-90
9:1	237-65	1	O-Ring
9:2	237-80	1	O-Ring
10	59-7410	1	Fitting-Diagnostic
10:1	237-42	1	O-Ring
11	354-79	2	Cap-Dust
12	3256-23	4	Washer-Plain
13	322-14	4	Screw-HH
14	340-129	2	Fitting-Elbow-90
14:1	237-146	1	O-Ring
14:2	340-65	1	O-Ring
15	340-8	1	Fitting-Straight
15:1	237-65	1	O-Ring
15:2	237-81	1	O-Ring
16	125-5854	1	Tube ASM
16:1	237-58	1	O-Ring
17	100-5616	1	Fitting
18	340-98	1	Fitting-Elbow-90
18:1	237-79	1	O-Ring
18:2	237-30	1	O-Ring
19	322-11	2	Screw-HH
20	104-8300	7	Nut-HF, NI
21	3230-6	3	Screw-CARR
22	2412-129	2	Clamp-Hose
23	117-0689	2	Plate-Mount, Tube Clamps
24	3230-22	2	Screw-CARR
25	2412-102	1	Clamp-R
26	32128-43	1	Nut-Flange
27	3234-11	1	Screw-HHF
28	117-0680	1	Hose ASM
29	117-0682	1	Hose ASM
30	119-0583	1	Hose ASM
31	119-5045	1	Hose-Suction
32	117-0687	1	Hose ASM
33	125-5853	1	HYD-Hose
34	94-3688	1	Sleeve-Protective
35	94-9580	2	Clamp-J



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

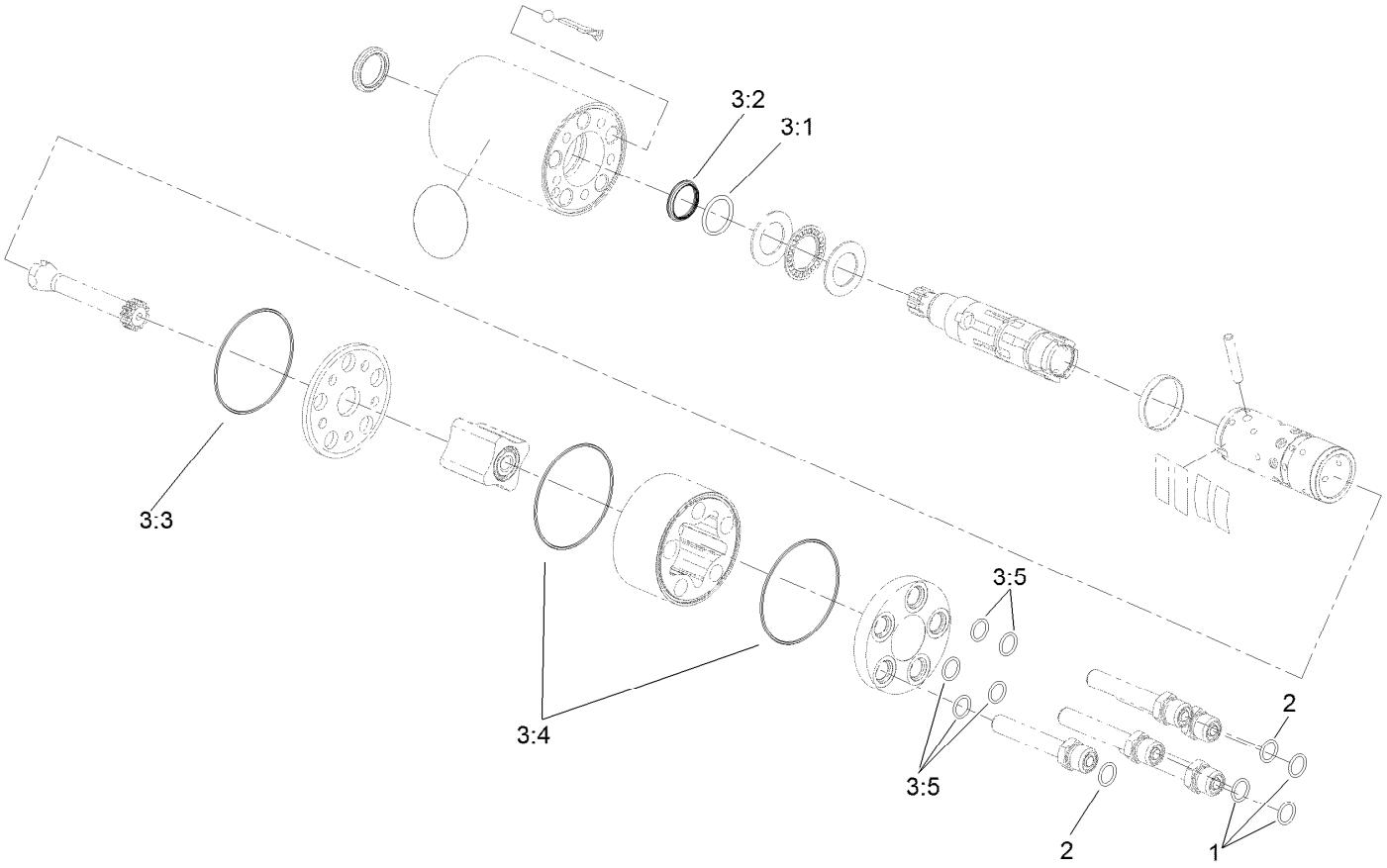
● Not illustrated



Steering Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
3	98-1459	1	Decal
4	3296-33	1	Nut-Lock, NI
5	3256-27	1	Washer-Flat
6	321-3	2	Screw-HH
7	104-7201	2	Nut-HF
8	119-4853	1	Guide-Hose
9	340-77	2	Fitting-Elbow-90

Ref.	Part Number	Qty.	Description
9:1	237-22	1	O-Ring
9:2	237-42	1	O-Ring
10	117-0707	1	Steering Valve ASM
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

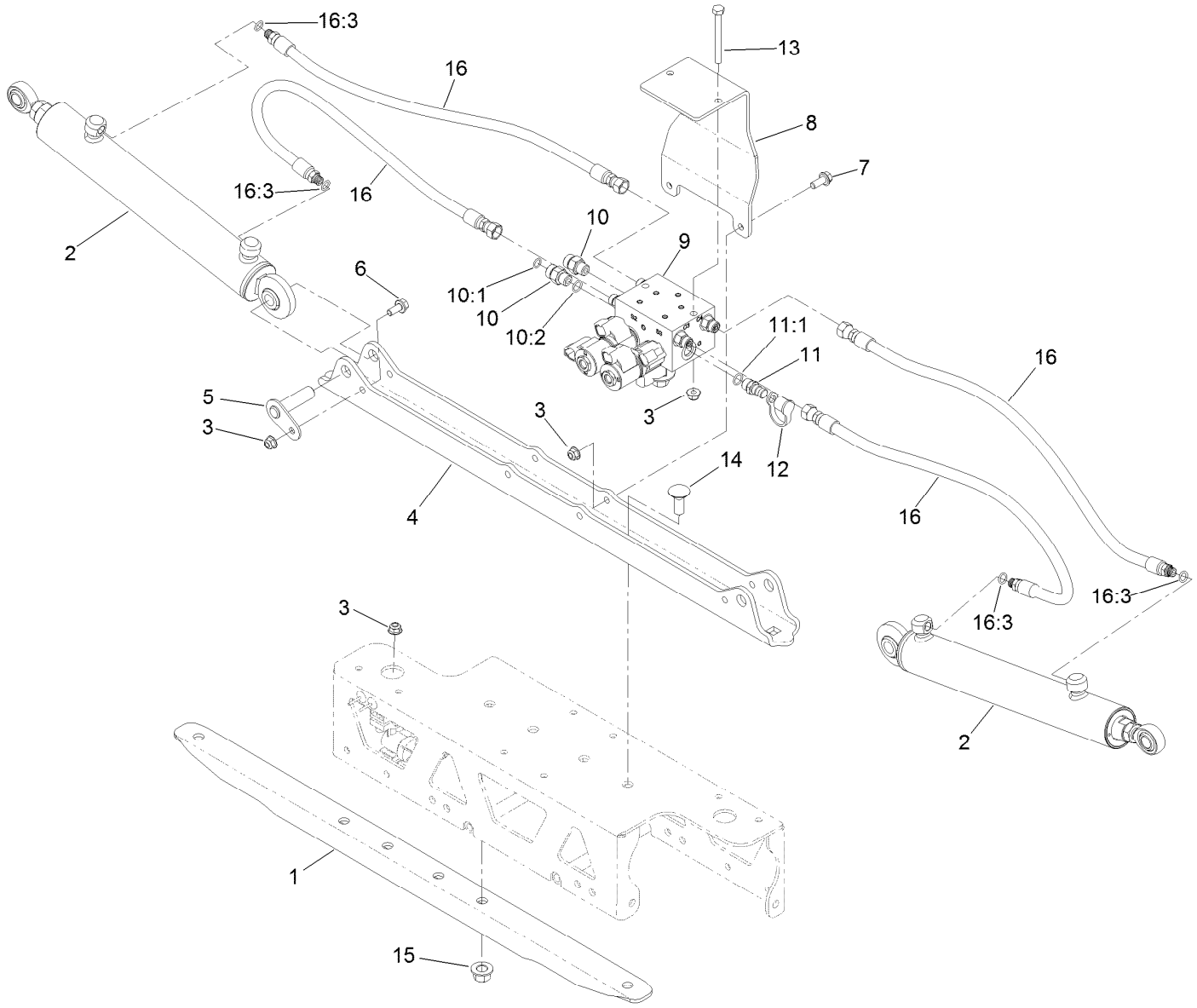


Steer Valve Assembly No. 117-0707

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 illustrated

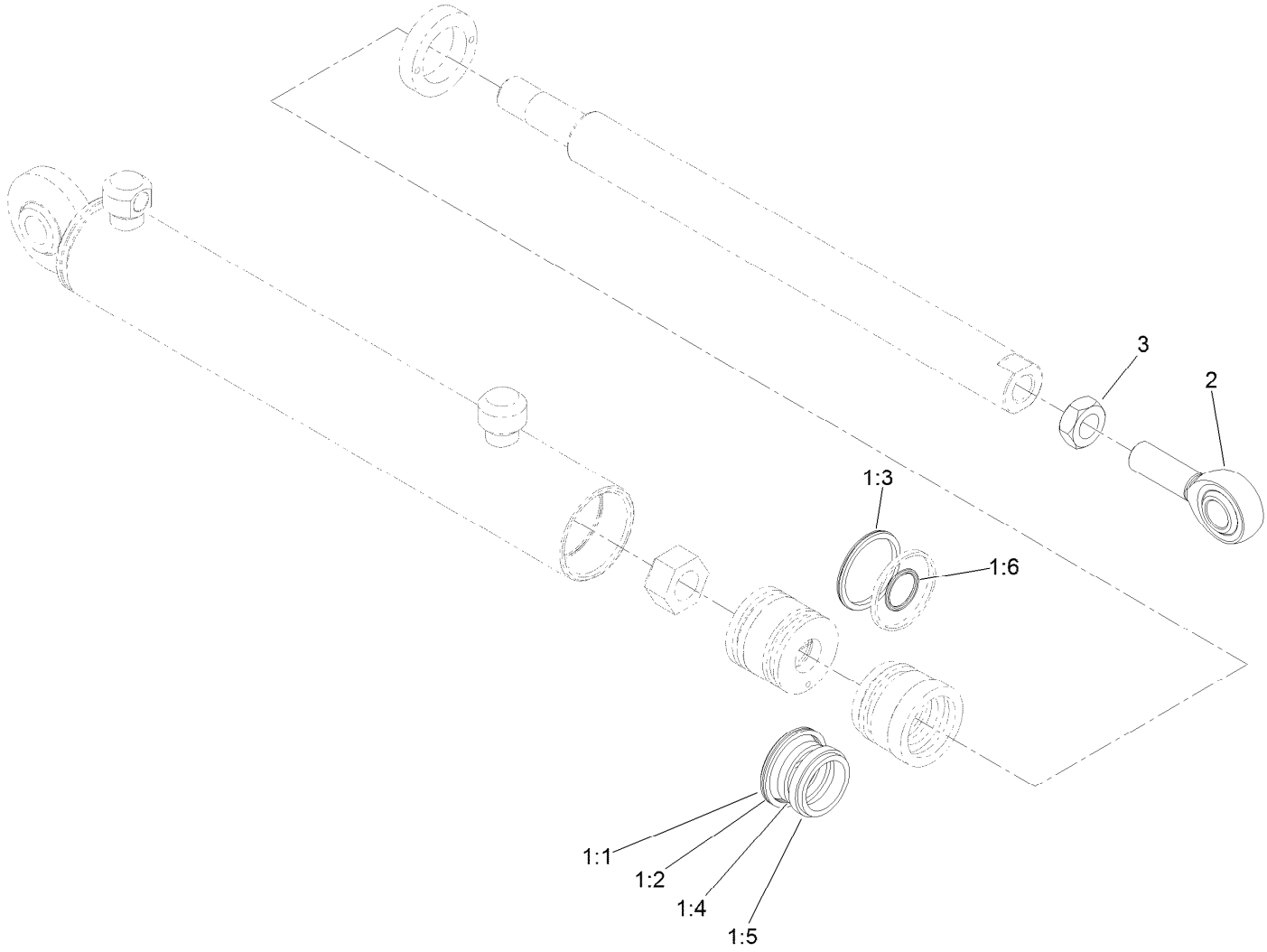
■ Not serviced separately



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	117-0702	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

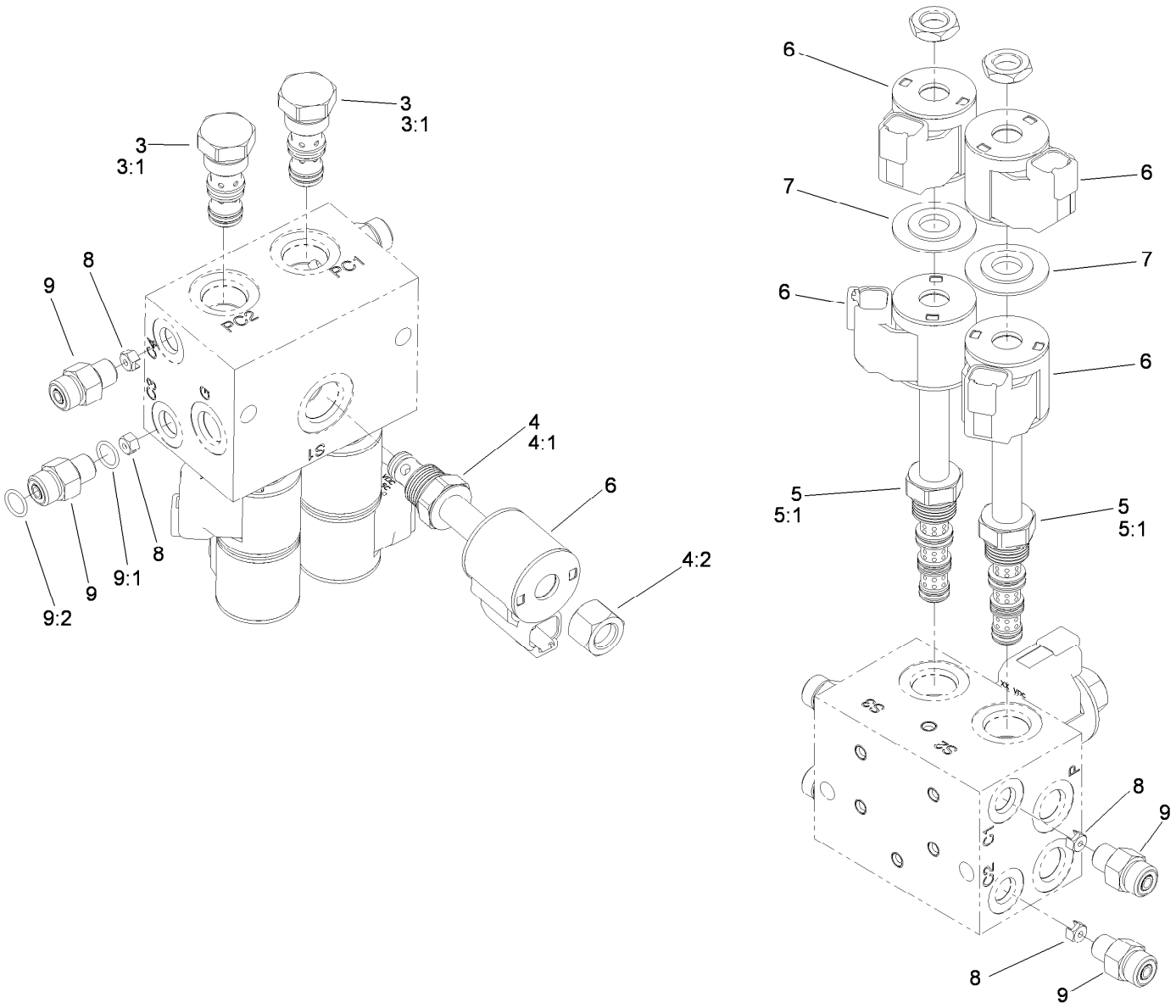


Hydraulic Cylinder Assembly No. 117-0701

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

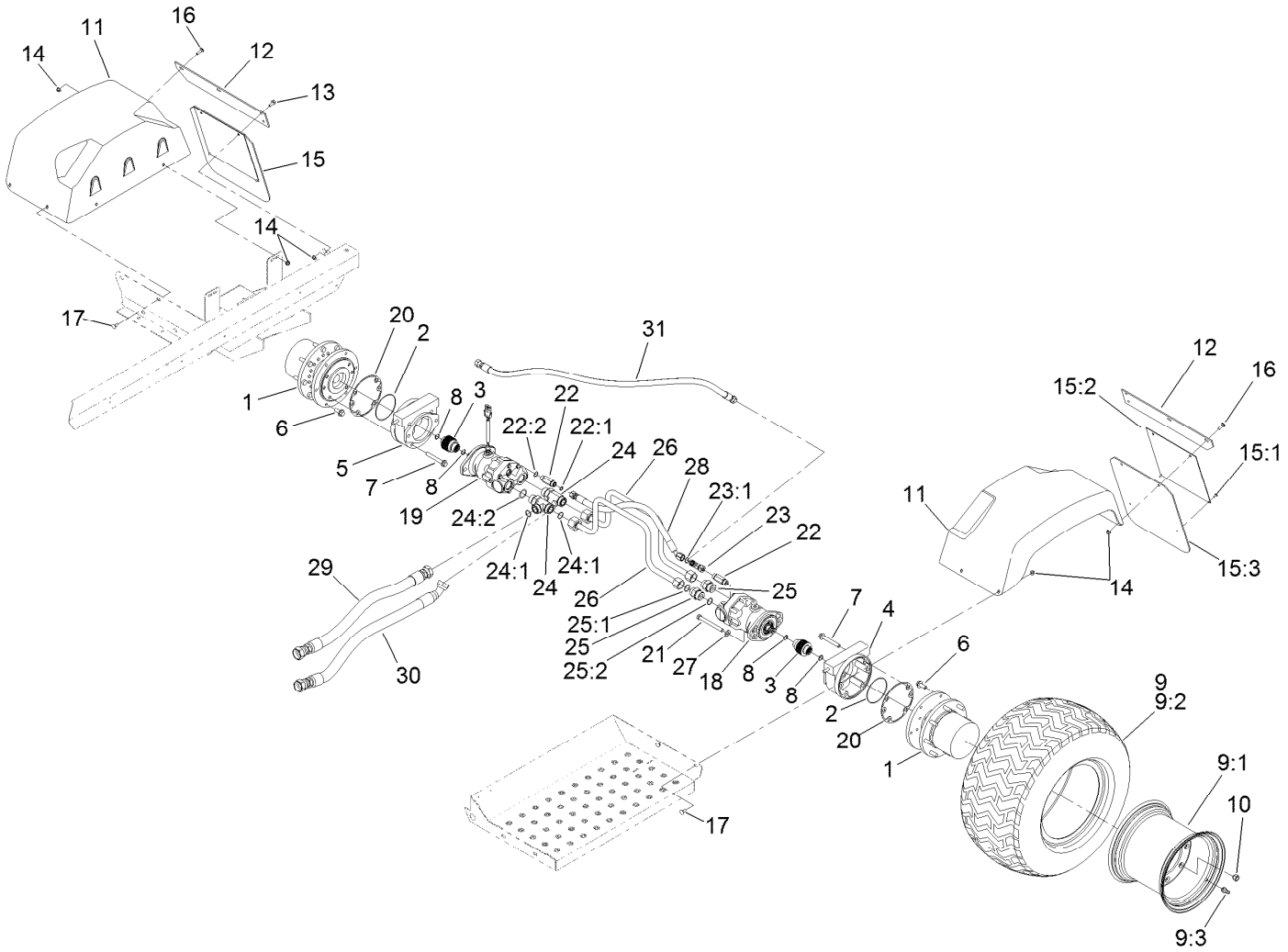
■ Not serviced separately



On-Off Boom Lift Valve No. 117-0702

Ref.	*Part Number*	*Qty.*	*Description*
3	120-2588	2	Valve-Check
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	120-2585	4	Orifice, .035
9	340-92	4	Fitting-Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring

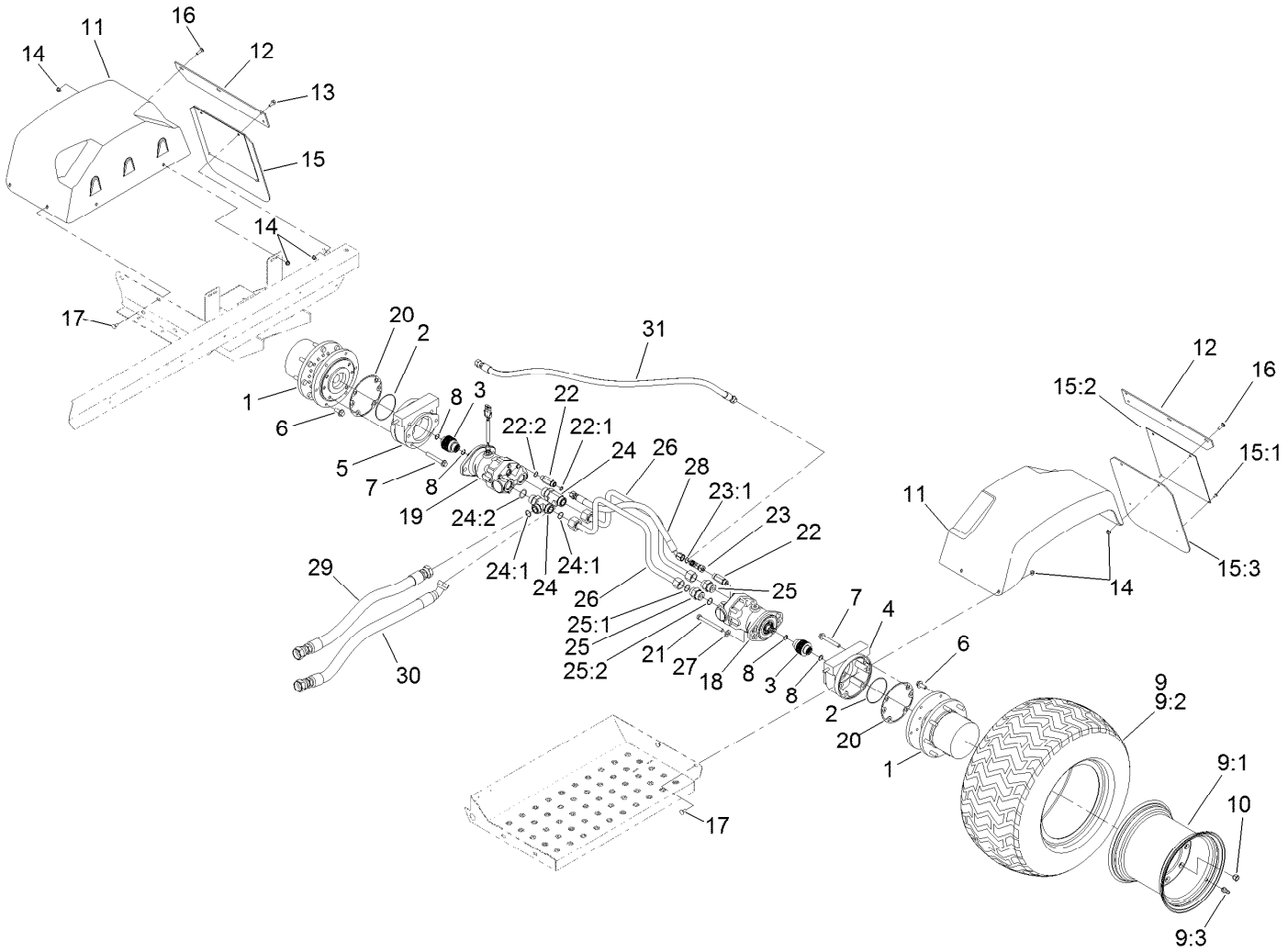
● Not illustrated



Rear Drive Assembly

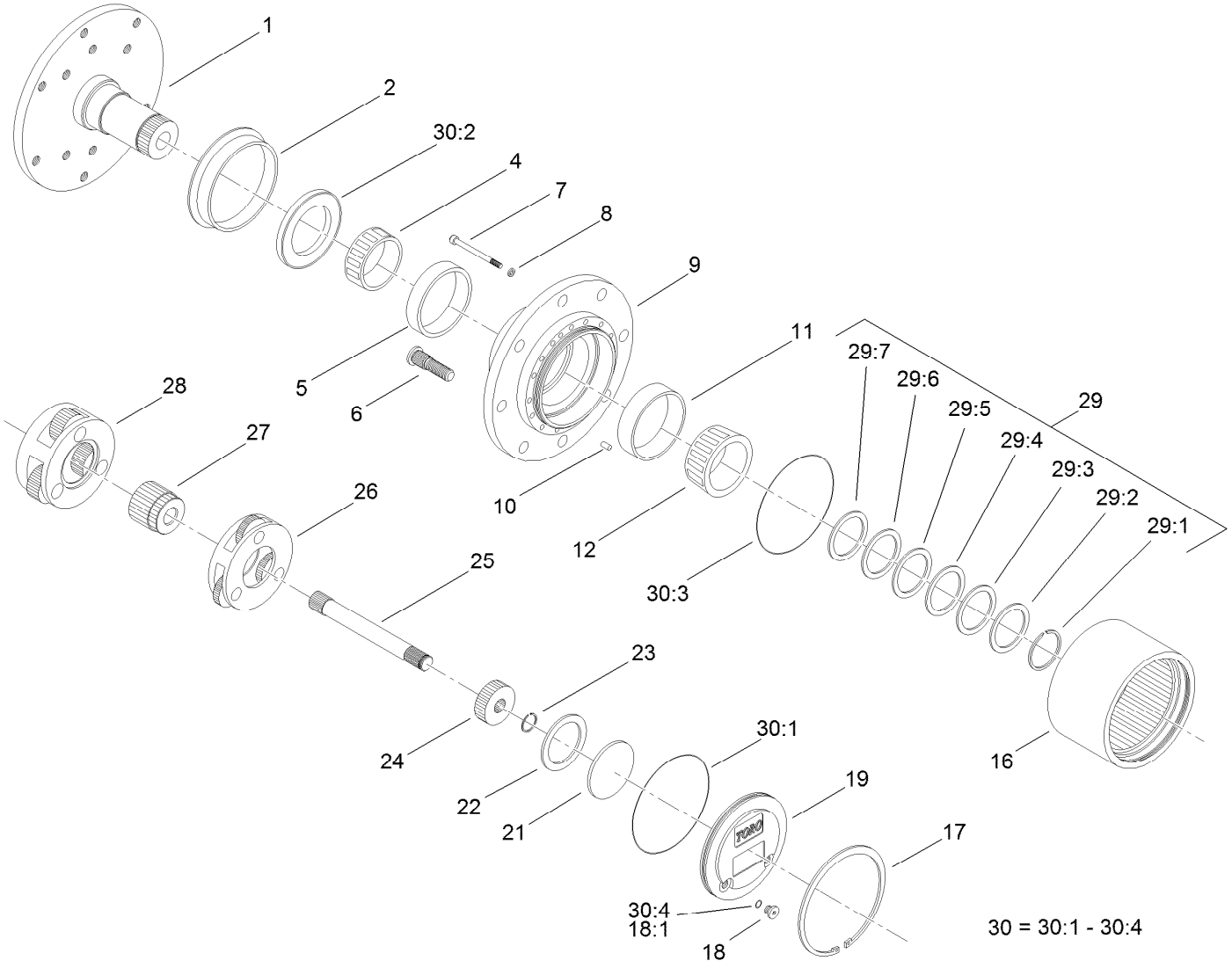
Ref.	Part Number	Qty.	Description
1	105-4500	2	Planetary ASM
2	237-166	2	O-Ring
3	100-3046	2	Shaft-Brake, Splined
4	100-3069	1	RH Brake ASM
5	100-3070	1	LH Brake ASM
6	33106-030	12	Screw-HHF
7	33106-090	8	Screw-HHF
8	93-7972	4	Ring-Retaining, Internal
9	131-3335	2	Tire And Wheel ASM
9:1	131-3336	1	Wheel
9:2	117-5196	1	Tire
9:3	232-27	1	Stem-Valve
10	242-50	16	Nut-Lug
11	93-6498	2	Fender-Rear
12	93-6528-03	2	Strap-Mount, Fender
13	3234-5	4	Screw-HHF
14	104-8300	16	Nut-HF, NI
15	94-7127	2	Splash Guard ASM
15:1	114439	2	Rivet-Pop
15:2	94-7128-03	1	Plate-Guard, Splash
15:3	94-7129	1	Guard-Splash

Ref.	Part Number	Qty.	Description
16	3230-2	4	Bolt-CARR
17	3230-1	8	Bolt-CARR
18	132-5631	1	HYD Motor ASM
19	132-5630	1	HYD Motor ASM (W/Speed Sensor)-
20	93-7984	2	Gasket
21	33116-120	4	Screw-HH
22	119-4854	2	Fitting-Str
22:1	237-30	1	O-Ring
22:2	237-79	1	O-Ring
23	340-104	1	Fitting-HYD, Tee
23:1	237-30	2	O-Ring
24	104-3795	2	Fitting-Tee
24:1	340-65	2	O-Ring
24:2	237-146	1	O-Ring
25	340-91	2	Fitting-Str
25:1	237-58	1	O-Ring
25:2	237-146	1	O-Ring
26	117-0674	2	Tube-Traction
27	33096-00	4	Washer-Flat
28	131-9634	1	Hydraulic Hose ASM



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

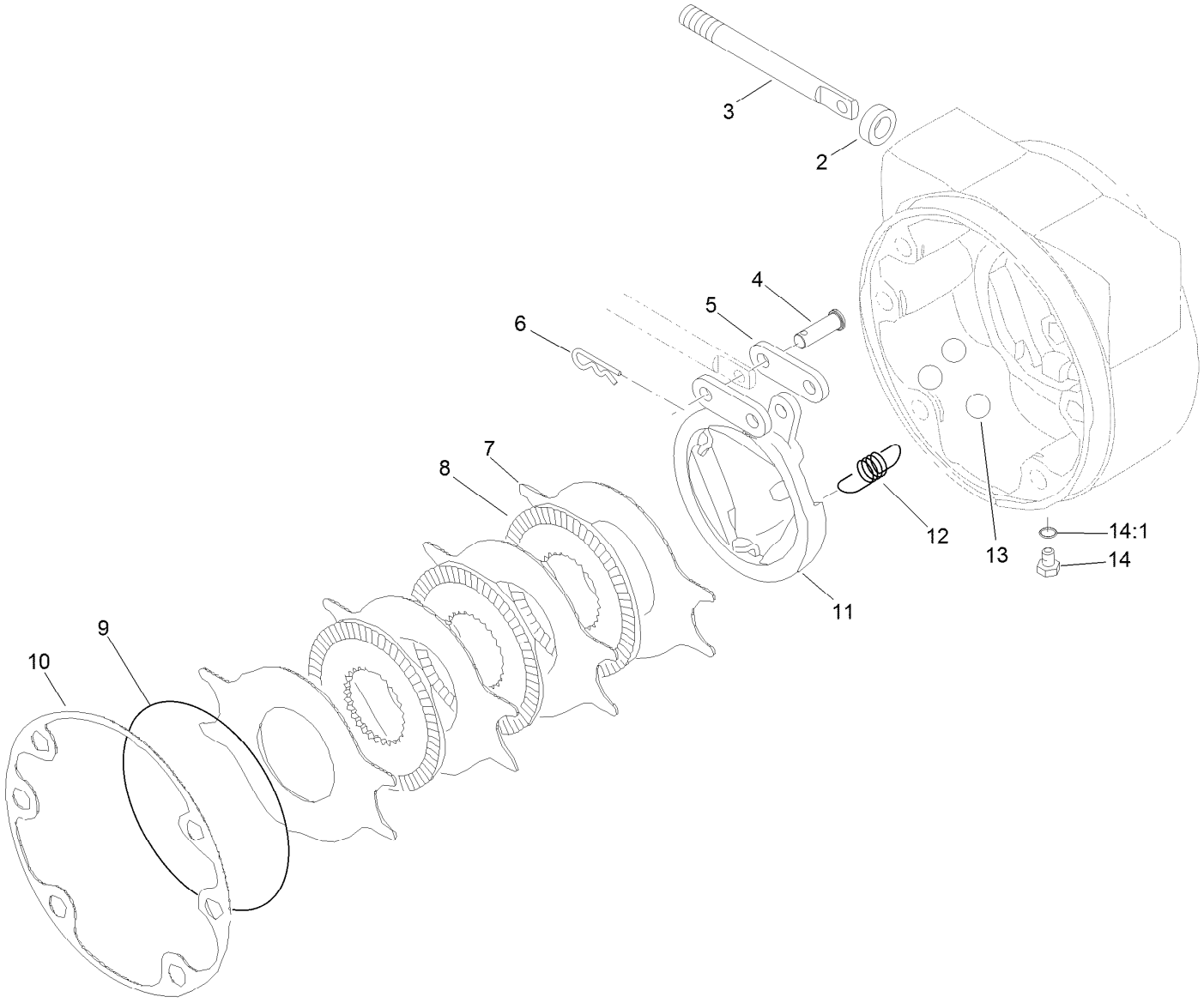


Planetary Assembly No. 105-4500

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

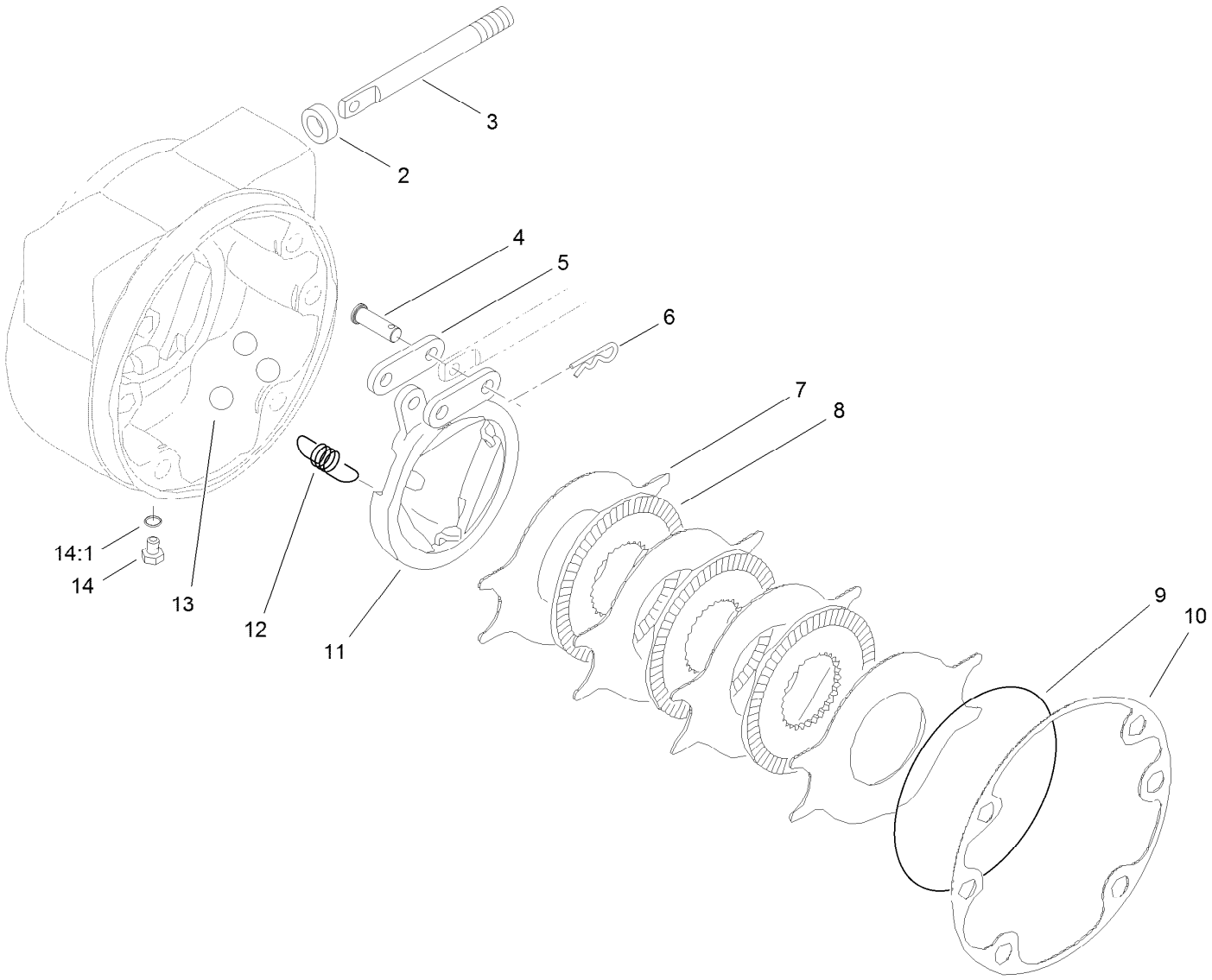
Ref.	Part Number	Qty.	Description
24	105-8114	1	Gear-Primary
25	105-8115	1	Shaft-Drive
26	105-8129	1	Primary Carrier ASM
27	105-8139	1	Gear-Secondary
28	105-8130	1	Secondary Carrier ASM
29	105-8136	1	Shim Kit
29:1		1	Ring-Snap ●
29:2		1	Shim-Bearing, 2.9Mm ●
29:3		1	Shim-Bearing, 2.8Mm ●
29:4		1	Shim-Bearing, 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 serviced separately



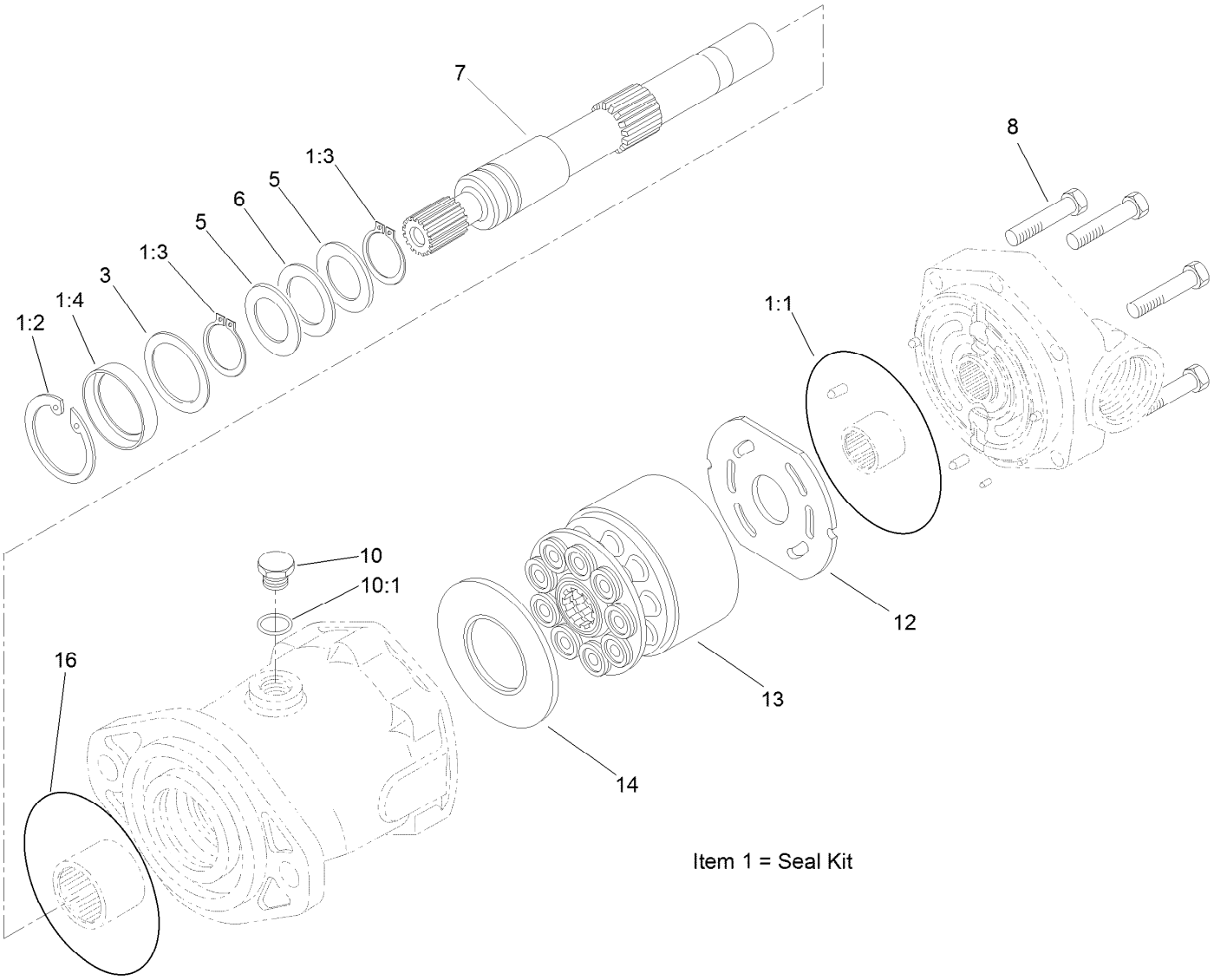
RH Brake Assembly No. 100-3069

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

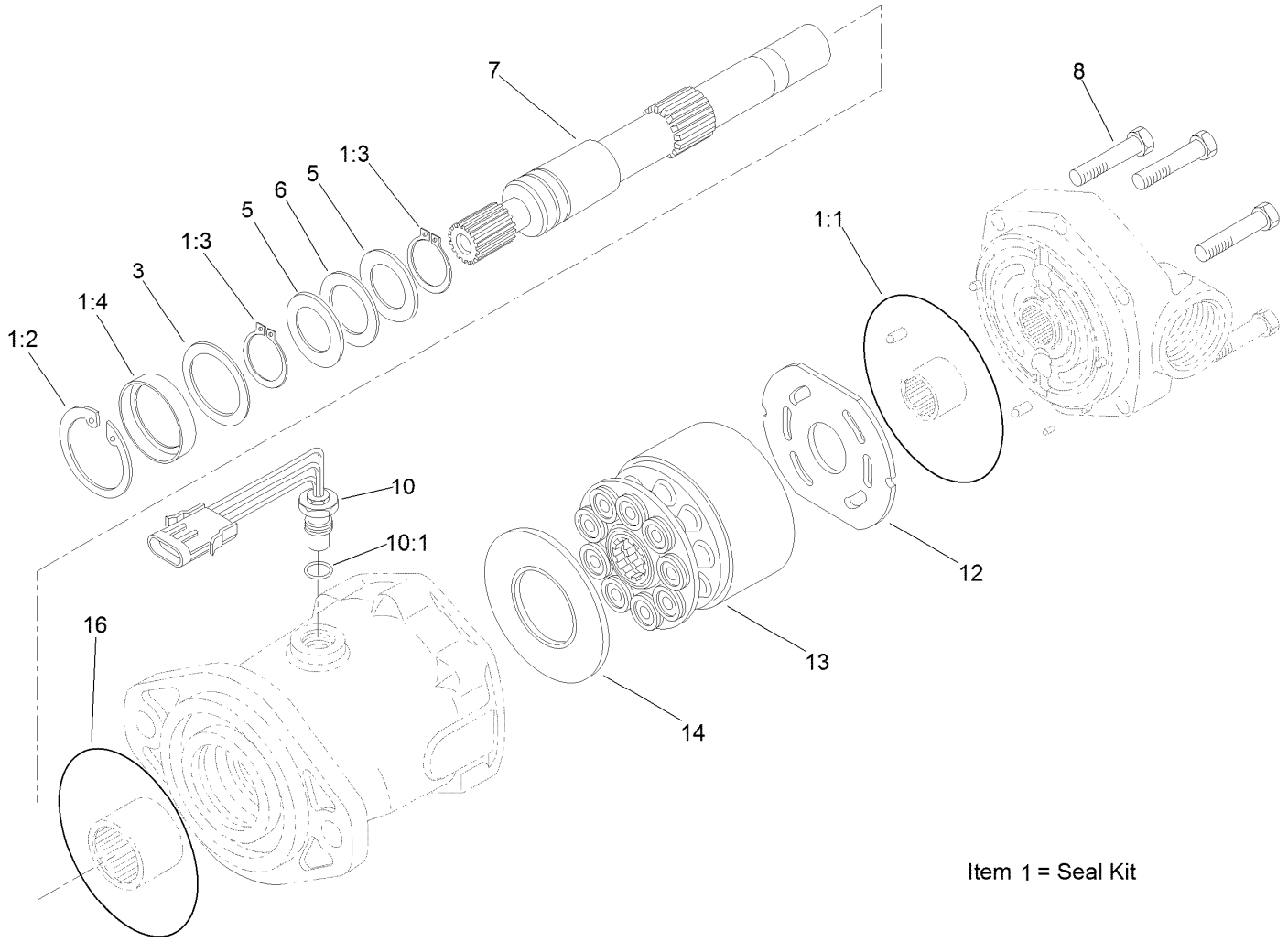


Hydraulic Motor Assembly No. 132-5631

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 serviced separately

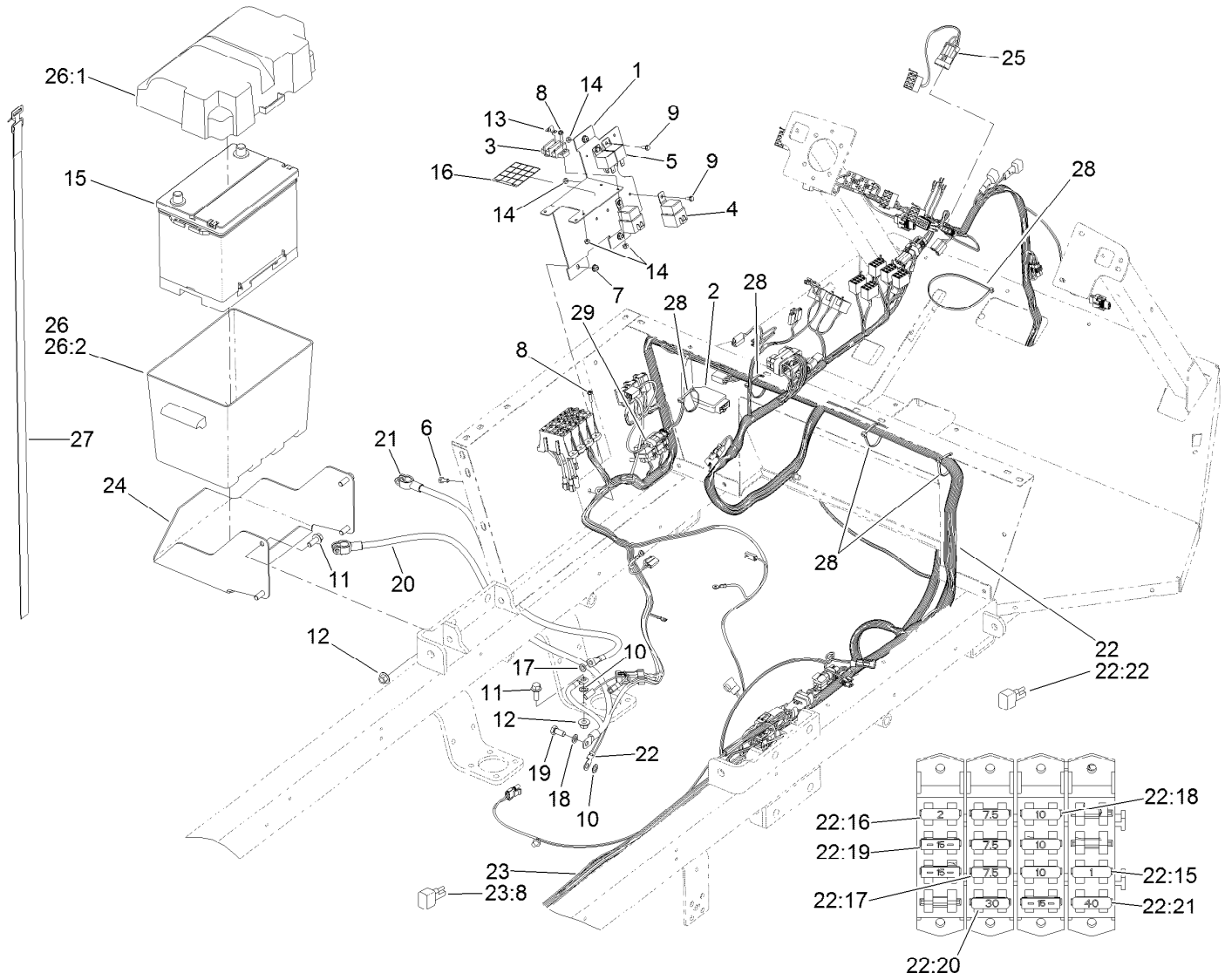


Hydraulic Motor Assembly No. 132-5630

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	94-3010	1	Sensor-Speed, Pickup
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

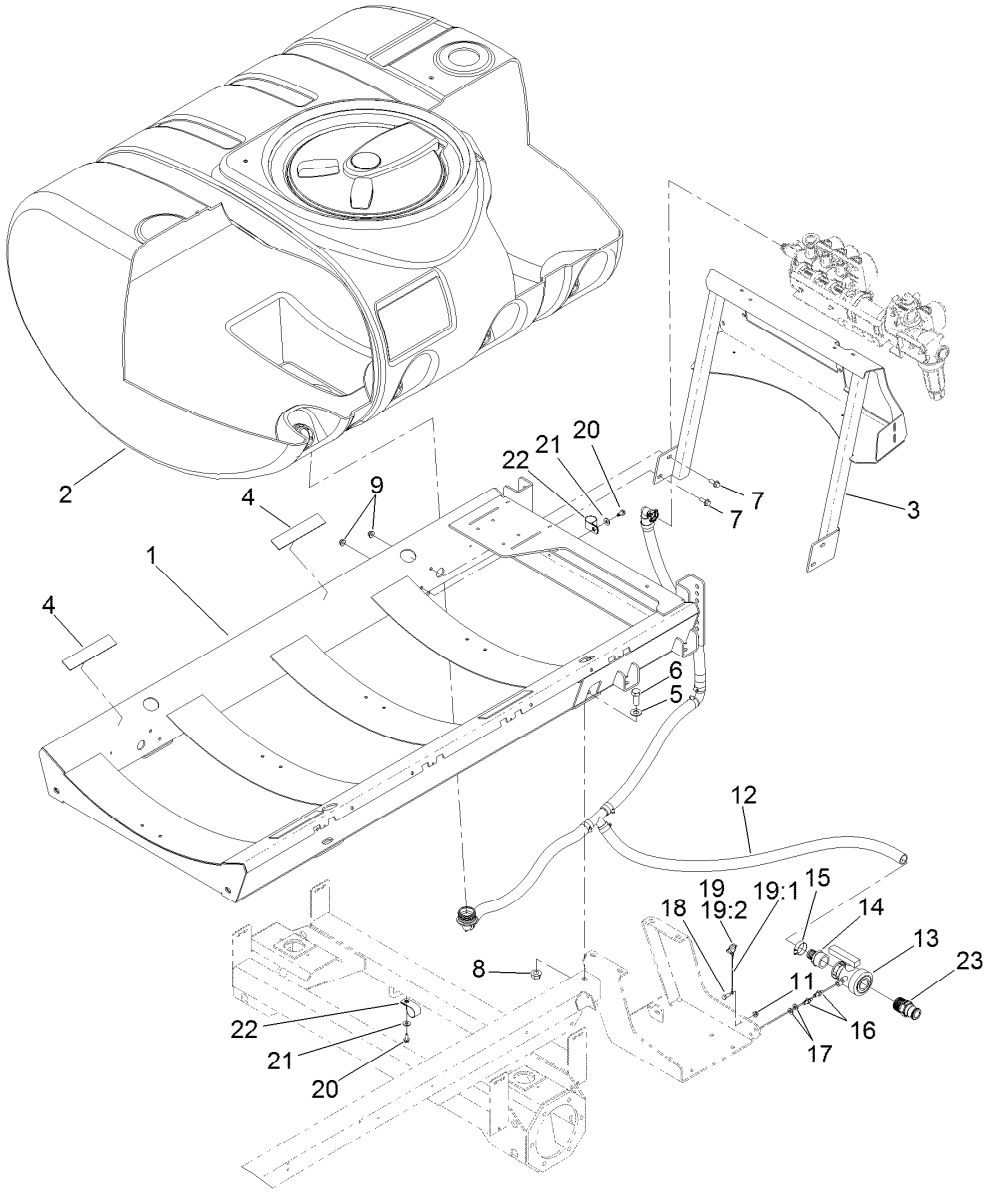
● Not serviced separately



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	133-2757-01	1	Panel-Electrical
2	98-7611	1	Controller-Glow
3	42862	1	Block-Terminal, Ground
4	99-7430	2	Relay
5	99-7435	2	Relay-Power
6	321-3	3	Screw-HH
7	104-7201	3	Nut-HF
8	32105-13	4	Screw-HWH
9	3290-321	4	Screw-HWH
10	3255-9	2	Washer-Lock
11	3234-11	5	Screw-HHF
12	32128-43	5	Nut-Flange
13	42863	1	Strip-Jumper
14	3296-2	8	Nut-Lock, NI
15	106-5190	1	Battery
16	133-2758	1	Decal-Fuse
17	3255-8	1	Washer-Lock
18	48-9590	1	Washer-Lock
19	63-7790	1	Screw-Cap
20	120-0615	1	Cable-Battery, Negative

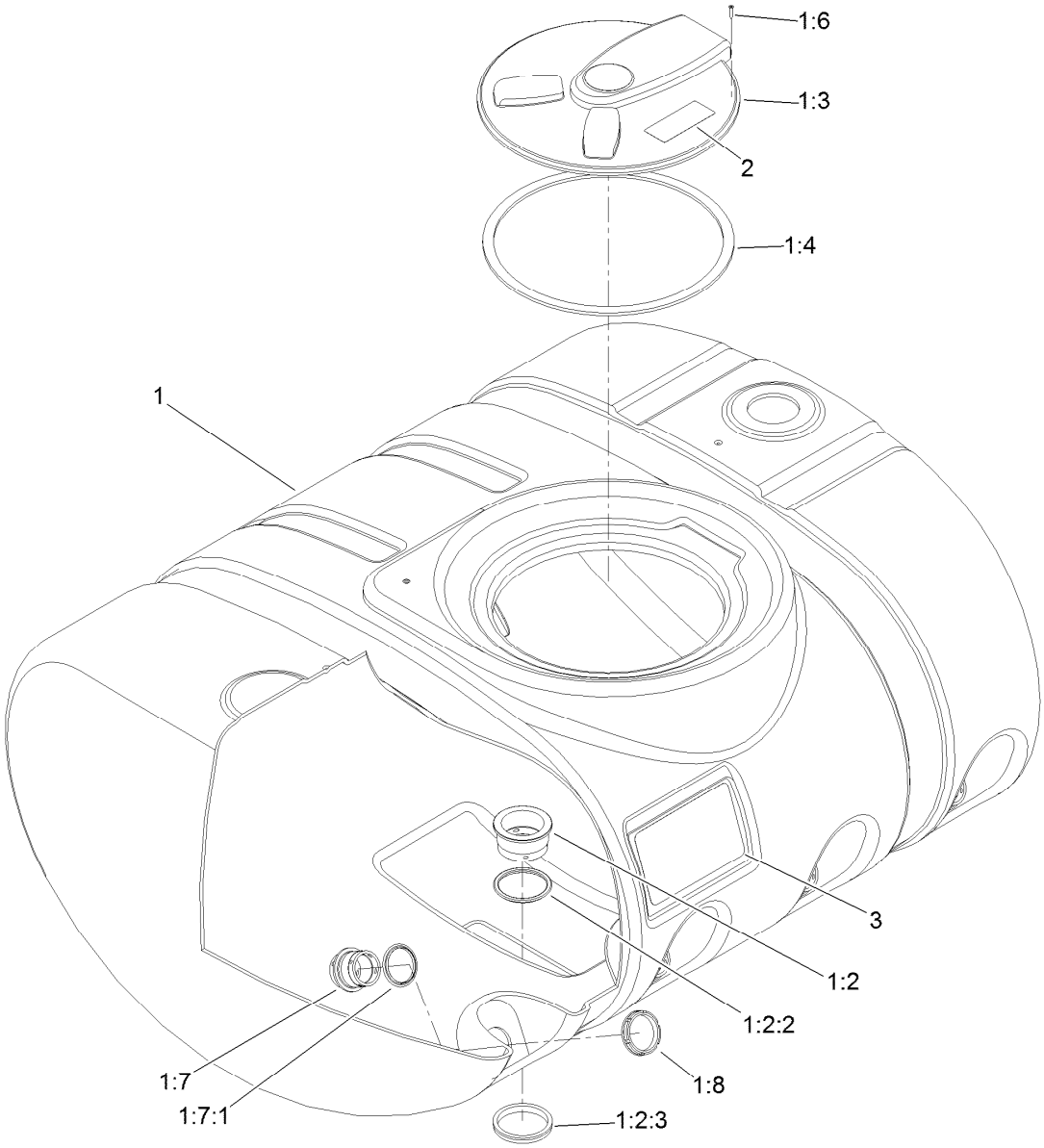
Ref.	Part Number	Qty.	Description
21	105-0114	1	Cable-Battery, Positive
22	122-0575	1	Harness-Wire
22:15	104-9055	1	Fuse-Blade, 1 Amp
22:16	94-6710	1	Fuse-2 Amp
22:17	114241	3	Fuse-Blade, 7.5 Amp
22:18	218-578	3	Fuse-Blade, 10 Amp
22:19	109355	3	Fuse-Blade, 15 Amp
22:20	109103	1	Fuse-Blade, 30 Amp
22:21	99-6124	1	Fuse-40 Amp
22:22	100-4918	2	Diode
23	122-0694	1	Harness-Wire, Rear
23:8	100-4918	4	Diode
24	119-5049-03	1	Bracket-Battery
25	122-0695	1	Harness-Wire, Auto/MAN
26	93-7595	1	Battery Box ASM
26:1	105-2914	1	Top-Battery Box
26:2	105-2915	1	Bottom-Battery Box
27	3339-175	1	Strapping-Web
28	3290-378	6	Tie-Cable
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	131-3744-03	1	Mount-Valve
4	104-7102	4	Pad-Battery
5	3256-27	6	Washer-Flat
6	327-4	6	Screw-HH
7	3234-11	4	Screw-HHF
8	32128-50	6	Nut-Flange
9	104-8301	4	Nut-HF, NI
11	104-8300	1	Nut-HF, NI
12	132-4297	1	Bypass Hose ASM
13	108-0069	1	Valve-Ball

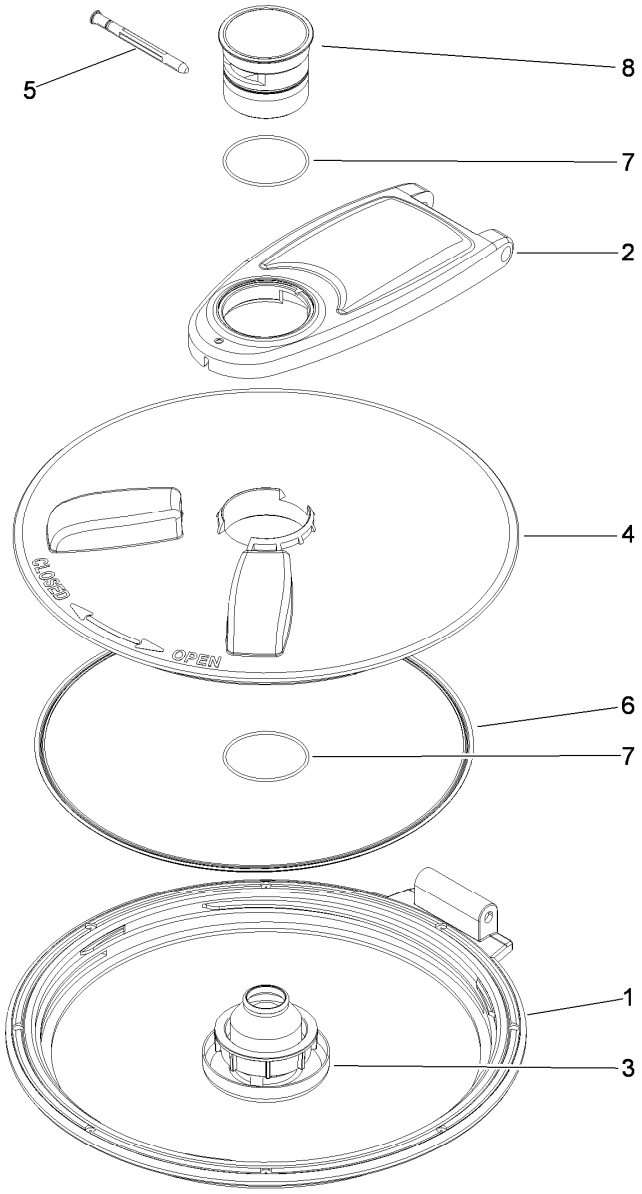
Ref.	Part Number	Qty.	Description
14	110-5224	1	Fitting-Barbed, Straight
15	2412-34	1	Clamp-Hose
16	112-7900	2	Mount-Peg
17	62-1230	2	Washer-Rubber
18	322-3	1	Screw-HH
19	98-0979	1	Lynch Pin ASM
19:1	28-8070	1	Lanyard
19:2	3290-495	1	Pin-Klik
20	32104-32	2	Screw-HWH
21	3256-3	2	Washer-Flat
22	2412-147	2	Clamp-R
23	132-7787	1	Coupler-Quick



Tank Assembly No. 117-8005

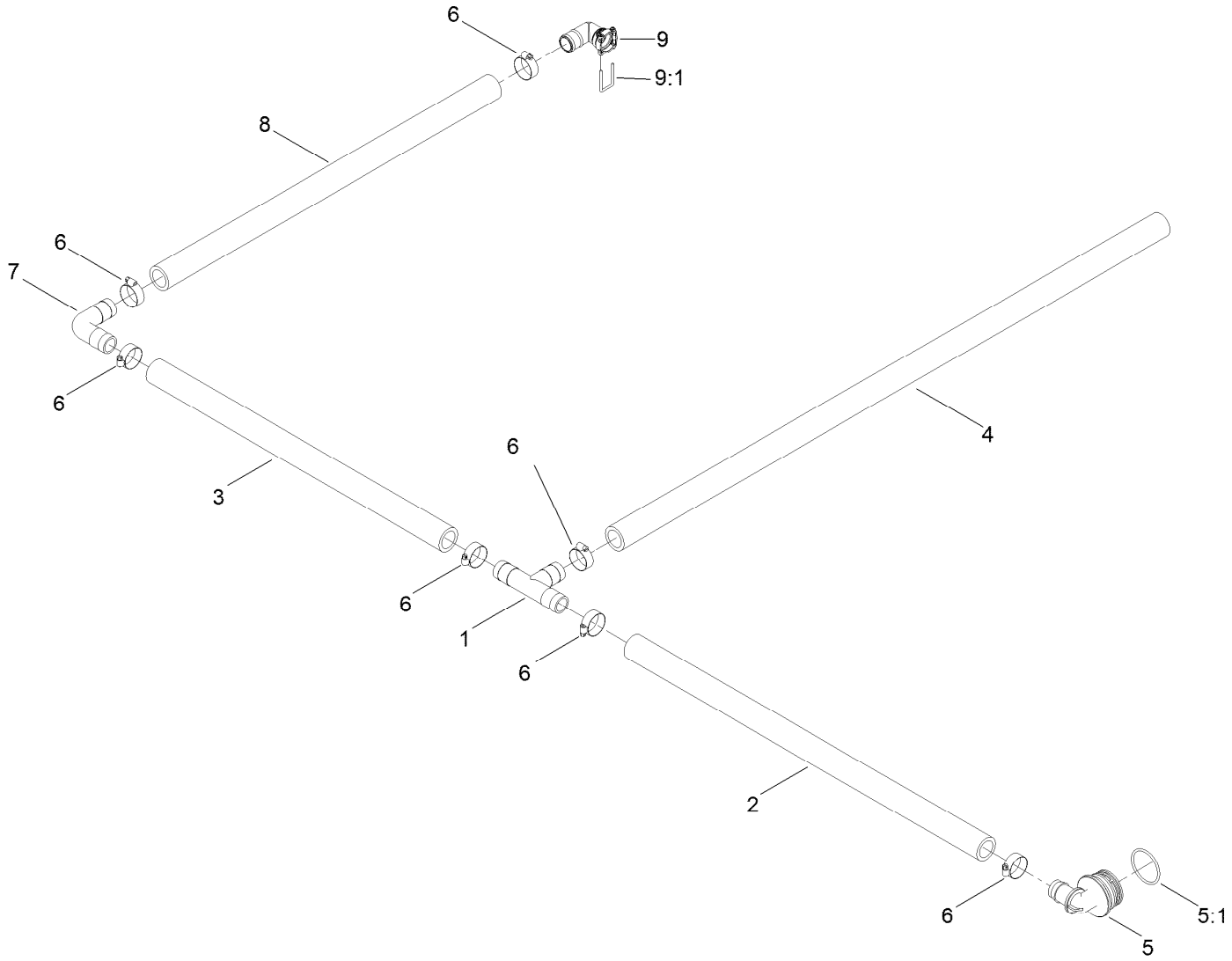
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Tank ASM ●
1:2	117-7851	1	Bulkhead ASM
1:2:2	100-8646	1	Gasket-Bulkhead
1:2:3	100-8647	1	Nut-Bulkhead
1:3		1	Spray Tank Lid ASM ●
1:4	119-9378	1	Gasket-Lid, Tank
1:6	107-8635	8	Screw-PFH
1:7	108-3358	4	Fitting-Bulkhead
1:7:1	107-2864	1	Gasket-Bulkhead
1:8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

● Not serviced separately



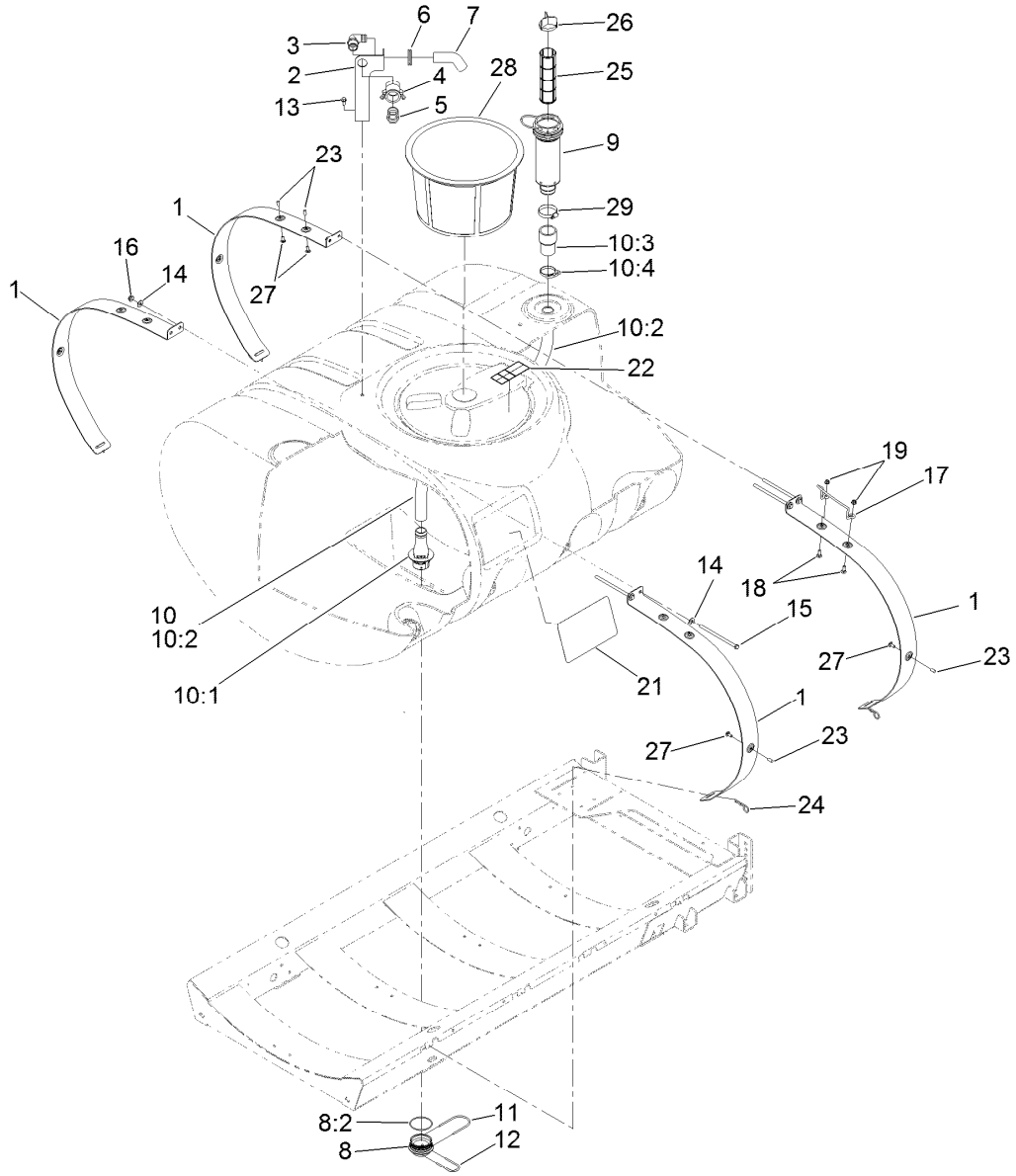
Spray Tank Lid Assembly No. 119-9380

Ref.	*Part Number*	*Qty.*	*Description*
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	106-5004	1	Seal-Lid
7	119-9386	2	O-Ring
8	119-9387	1	Cap-Lid



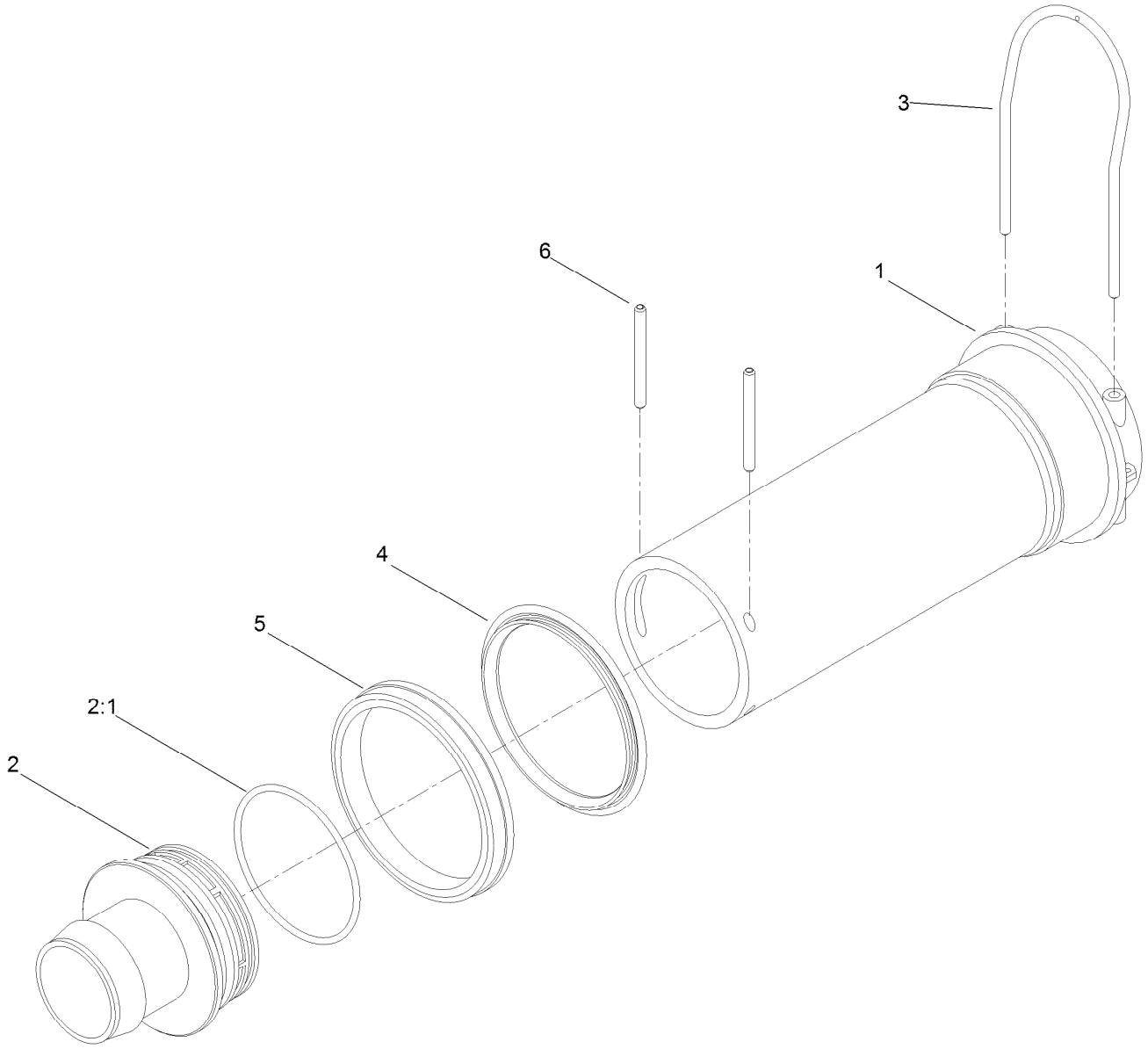
Bypass Hose Assembly No. 132-4297

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	127-1175	1	Fork



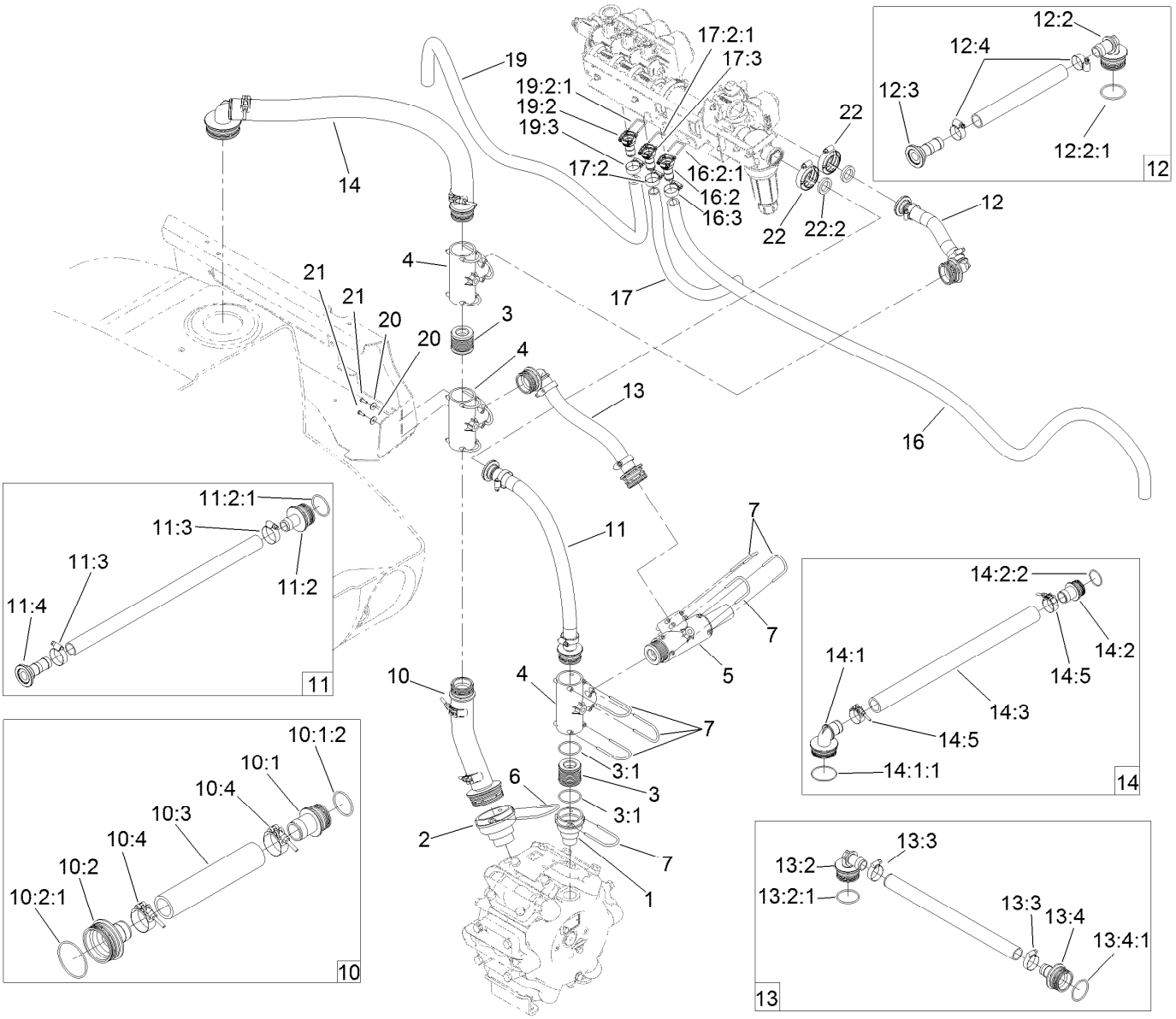
Tank Mounting and Filter Assembly

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
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

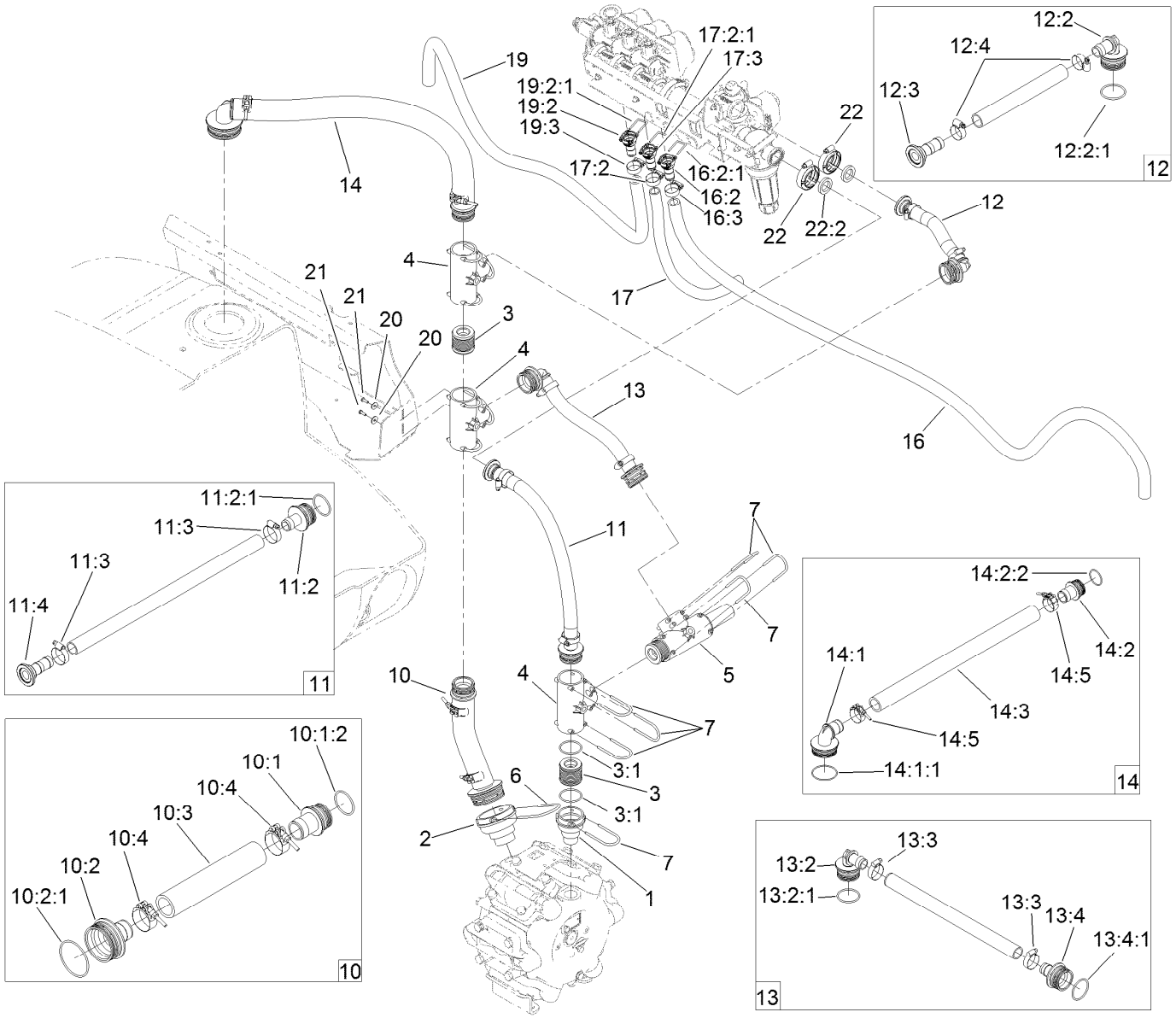
Ref.	*Part Number*	*Qty.*	*Description*
1	100-8643	1	Housing-Filter
2	106-4942	1	Hosebarb-Straight
2:1	100-6989	1	O-Ring
3	100-8636	1	Fork-Special
4	100-8646	1	Gasket-Bulkhead
5	100-8647	1	Nut-Bulkhead
6	100-8644	2	Pin-Expansion



Spray System Hose Assembly

Ref.	Part Number	Qty.	Description
1	117-7859	1	Fitting-Pump
2	117-7858	1	Fitting-Pump
3	106-4947	2	Connector
3:1	100-8637	2	O-Ring
4	100-6704	3	Tee
5	117-7874	1	Relief Valve ASM
6	117-7996	1	Fork
7	100-8635	11	Fork
10	130-7128	1	Lower Suction Hose ASM
10:1	117-7982	1	Hosebarb ASM
10:1:2	100-8637	1	O-Ring
10:2	117-7965	1	Hosebarb ASM
10:2:1	100-6989	1	O-Ring
10:3	127-8982	1	Hose-Suction, Lower
10:4	130-7125	2	Clamp-Hose, HD
11	132-4295	1	Supply Hose ASM
11:2	106-4932	1	Hosebarb-Straight
11:2:1	100-8637	1	O-Ring
11:3	2412-3	2	Clamp-Hose
11:4	127-1142	1	Fitting-Barb
12	132-4296	1	Agitation Bypass Hose ASM

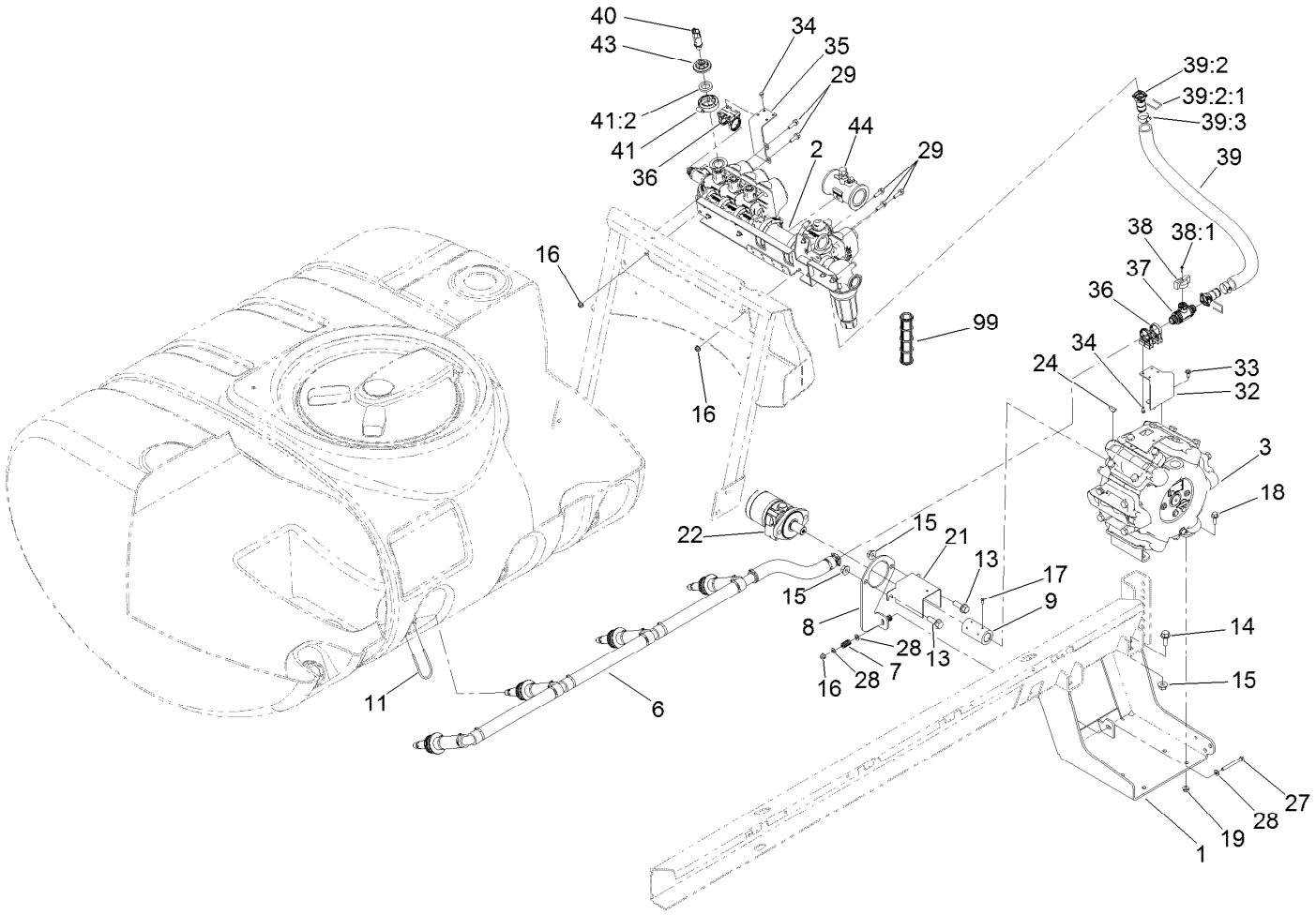
Ref.	Part Number	Qty.	Description
12:2	106-4933	1	Hosebarb ASM
12:2:1	100-8637	1	O-Ring
12:3	127-1142	1	Fitting-Barb
12:4	2412-129	2	Clamp-Hose
13	117-7963	1	Pressure Relief Hose ASM
13:2	106-4933	2	Hosebarb ASM
13:2:1	100-8637	1	O-Ring
13:3	2412-3	2	Clamp-Hose
13:4	106-4932	1	Hosebarb-Straight
13:4:1	100-8637	1	O-Ring
14	130-7127	1	Upper Suction Hose ASM
14:1	106-4952	1	Hosebarb-90 DEG
14:1:1	100-6989	1	O-Ring
14:2	117-7982	1	Hosebarb ASM
14:2:2	100-8637	1	O-Ring
14:3	127-8981	1	Hose-Suction, Upper
14:5	130-7125	2	Clamp-Hose, HD
16	132-4298	1	Left Boom Hose ASM
16:2	127-9807	1	Straight Fitting Kit
16:2:1	127-1175	1	Fork
16:3	2412-129	1	Clamp-Hose



Spray System Hose Assembly (continued)

Ref.	Part Number	Qty.	Description
17	132-4299	1	Center Boom Hose ASM
17:2	127-9807	1	Straight Fitting Kit
17:2:1	127-1175	1	Fork
17:3	2412-129	1	Clamp-Hose
19	132-4300	1	Right Boom Hose ASM
19:2	127-9807	1	Straight Fitting Kit

Ref.	Part Number	Qty.	Description
19:2:1	127-1175	1	Fork
19:3	2412-129	1	Clamp-Hose
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

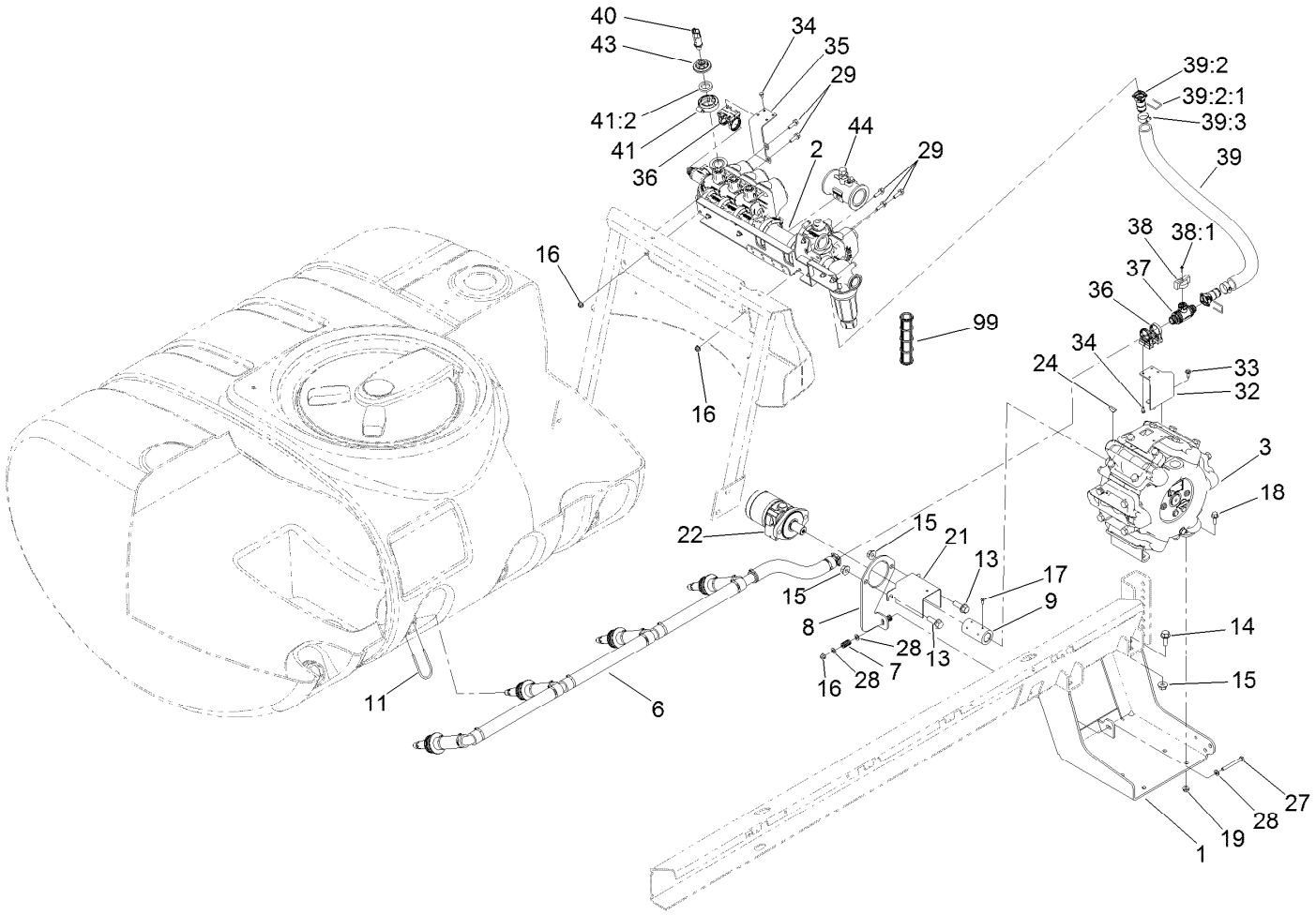


Spray Pump and Valve Assembly

Ref.	Part Number	Qty.	Description
1	117-0655-03	1	Bracket-Pump
2		1	Spray Manifold ASM ●
3	117-0713	1	Pump ASM
6	132-4309	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	132-4301-03	1	Bracket-Valve, Agitation
33	119-4012	2	Screw-HWHTF
34	33113-012	8	Screw-HH
35	132-4303-03	1	Mount-Valve, Bypass
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	Agiation Supply Hose ASM
39:2	127-9806	2	Fitting Kit
39:2:1	127-1175	1	Fork
39:3	2412-34	2	Clamp-Hose
40	130-8202	1	Transducer-Pressure
41	127-9829	1	Clamp/Gasket Kit

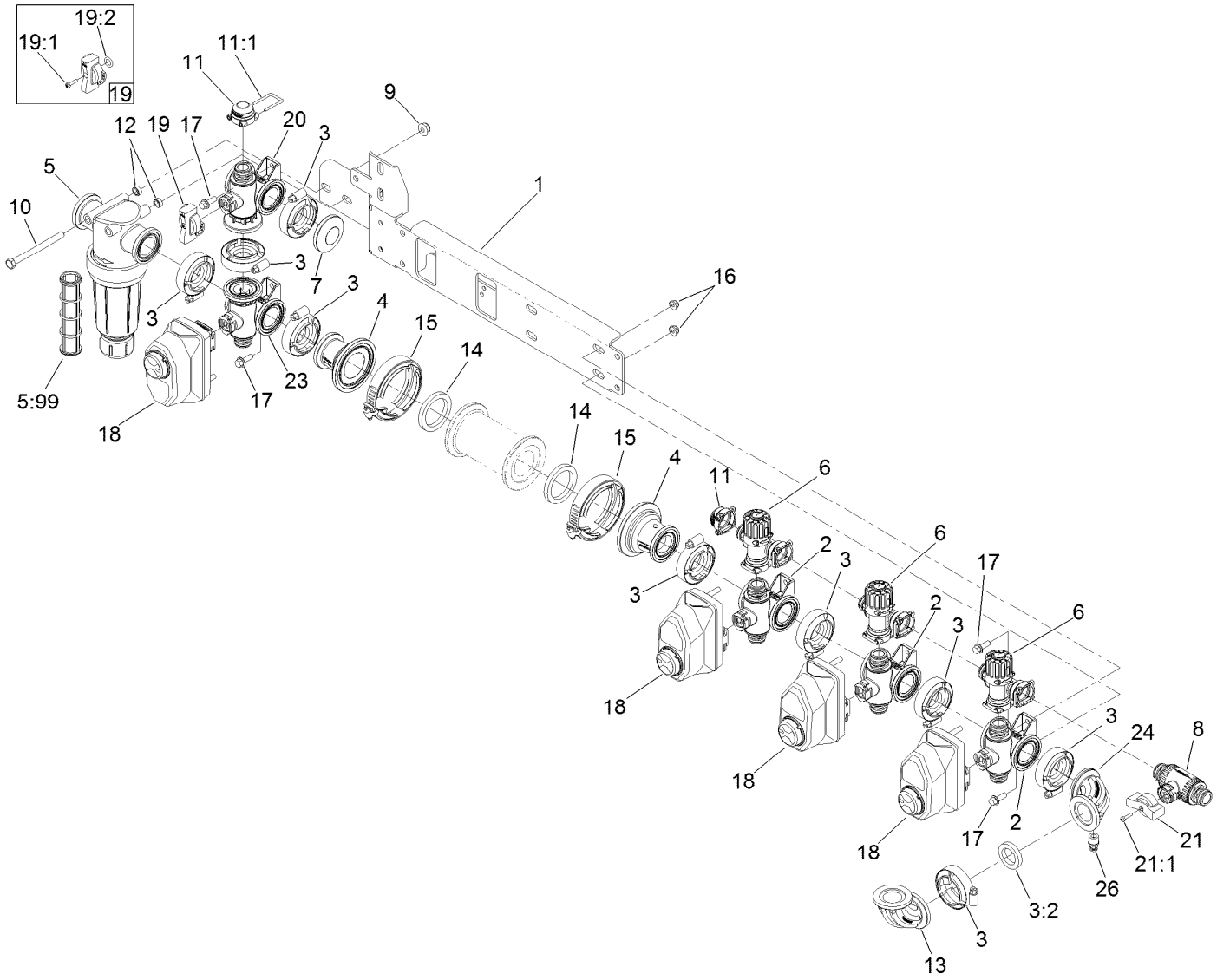
● Not serviced separately



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
44	106-1038	1	Flow Meter ASM
99	133-0385	2	Screen-Teejet, 50 Mesh

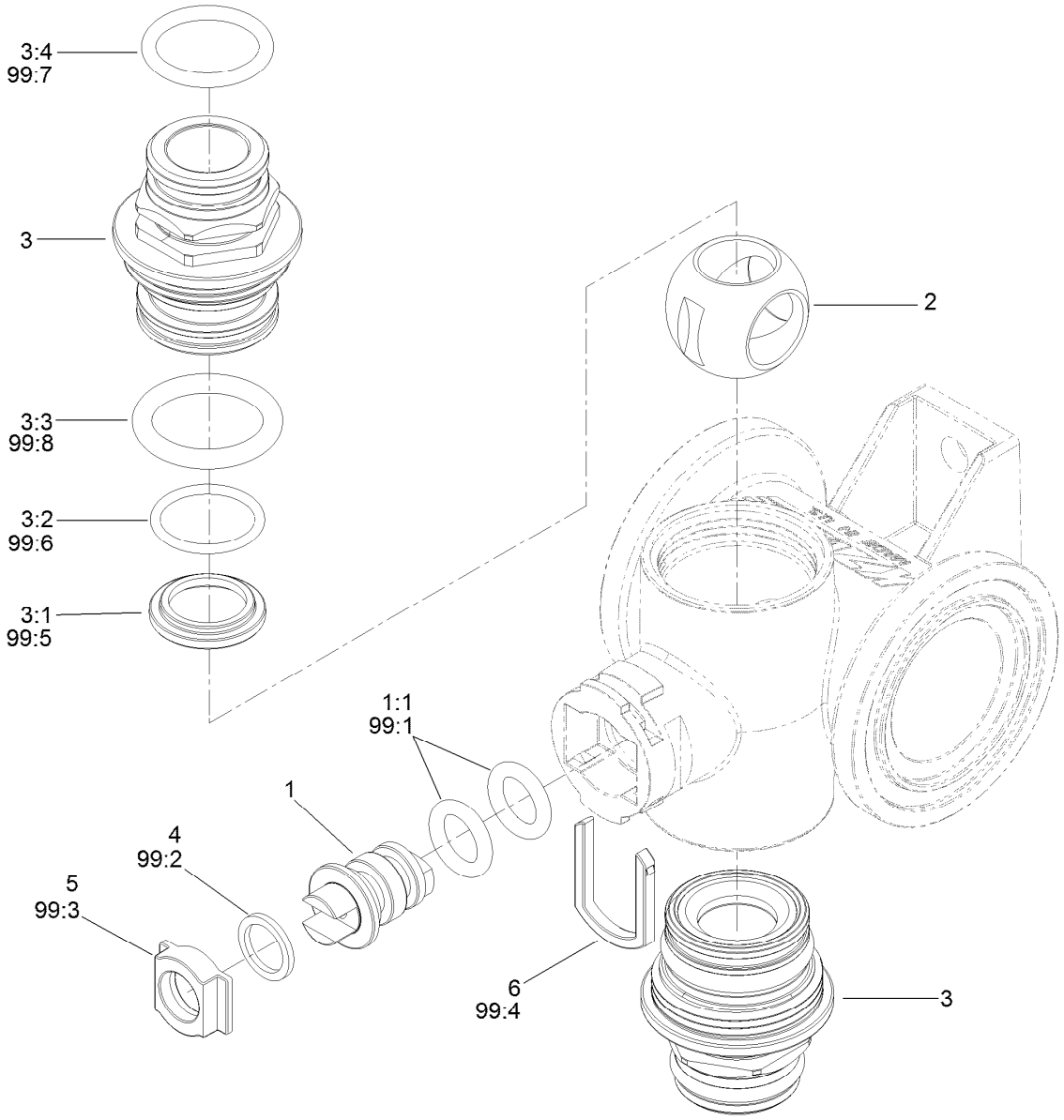
● Not serviced separately



Spray Manifold Assembly

Ref.	Part Number	Qty.	Description
1	131-3742	1	Mount-Valve
2	127-9803	3	On/Off Manifold Valve Kit
3	127-9829	9	Clamp/Gasket Kit
3:2	127-1145	1	Gasket-Flange
4	127-1144	2	Fitting-Adapter
5	131-3791	1	Filter-Pressure
5:99	133-0384	1	Screen-Teejet, 30 Mesh
5:99	133-0385	1	Screen-Teejet, 50 Mesh
5:99	133-0386	1	Screen-Teejet, 80 Mesh
5:99	133-0387	1	Screen-Teejet, 100 Mesh
6	127-9805	3	Bypass Valve ASM
7	127-9815	1	Fitting-Cap
8	131-0249	1	On/Off 2-Way Valve Kit
9	104-8300	2	Nut-HF, NI
10	322-23	2	Screw-HH
11	127-9811	2	Fitting-Cap, Female
11:1	127-1175	1	Fork

Ref.	Part Number	Qty.	Description
12	133-0380	2	Spacer-Filter
13	130-8297	1	Fitting-Elbow, Sweep
14	104-9090	2	Gasket
15	104-9089	2	Clamp-Screw, Worm
16	104-7201	6	Nut-HF
17	3234-4	6	Screw-HHF
18	131-3723	4	Actuator On/Off Kit
19	131-0265	1	Agitation Regulating Handle Kit
19:1	131-0263	1	Screw-Handle
19:2	127-1197	1	O-Ring-Stem
20	131-0253	1	Manifold Valve Kit
21	131-0267	1	Bypass Handle Kit
21:1	131-0263	1	Screw-Handle
23	131-7256	1	Manifold Valve Kit
24	131-3726	1	Fitting-Elbow, 90 DEG
26	131-3709	1	Coupler

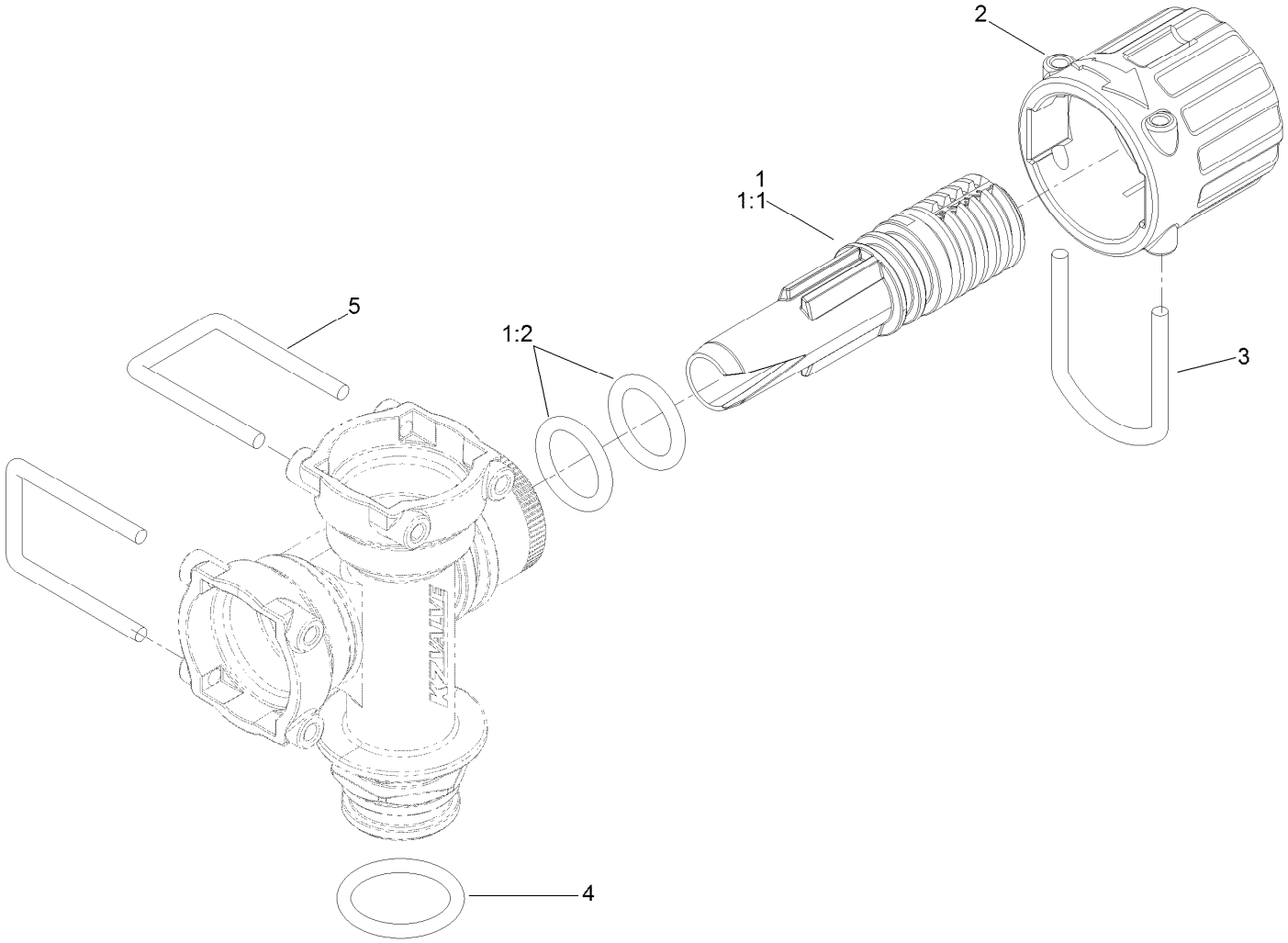


On/Off Manifold Valve Kit No. 127-9803

Ref.	Part Number	Qty.	Description
1	130-8248	1	Vavle 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

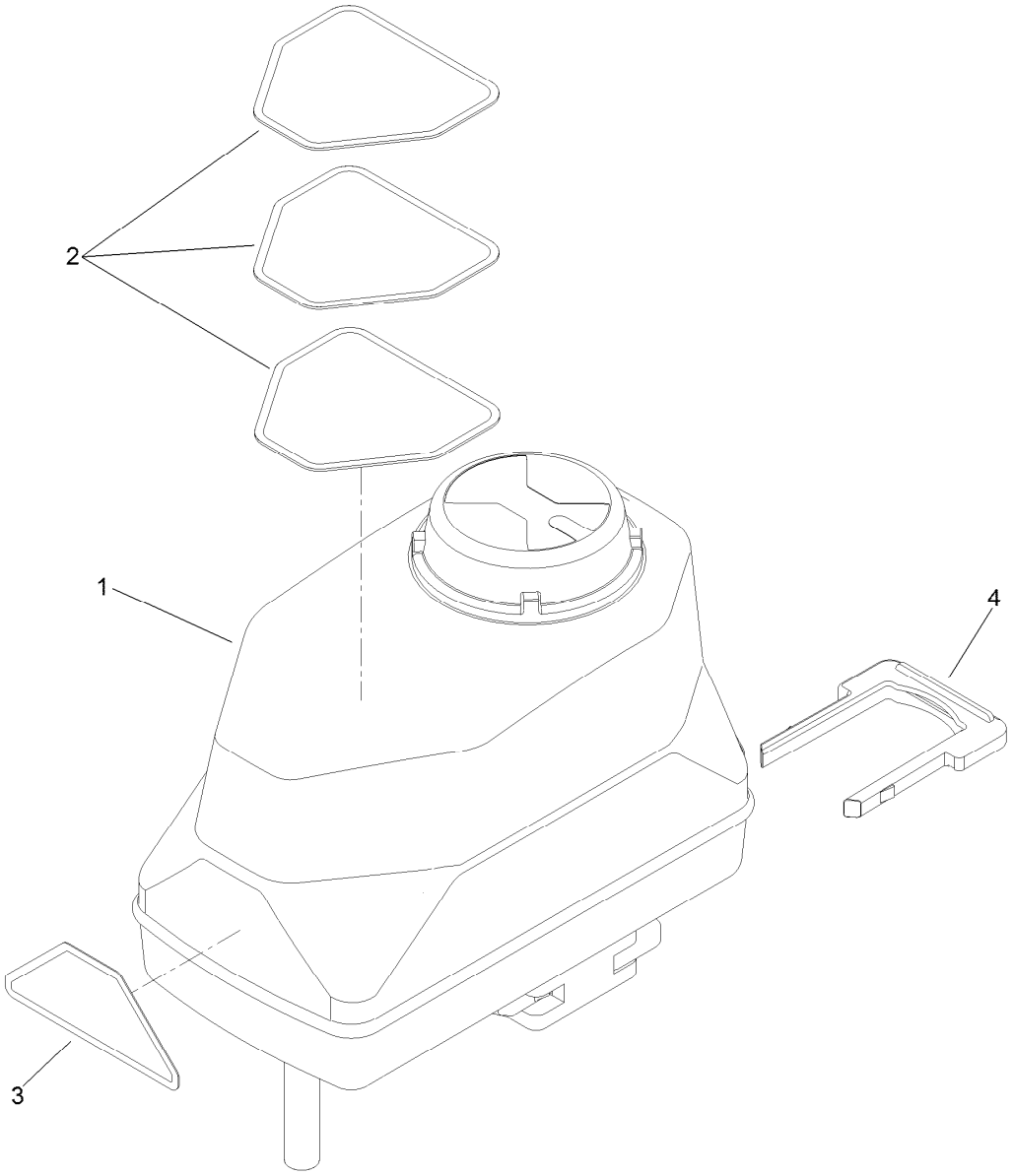
Ref.	Part Number	Qty.	Description
6	127-1190	1	Fork-Stem, Valve
99	130-7304	1	Valve Repair Kit ●
99:1	127-1197	2	O-Ring-Stem
99:2	127-1196	2	Washer-Stem, Valve
99:3	127-1195	1	Seat-Stem, Valve
99:4	127-1190	1	Fork-Stem, Valve
99:5	127-1192	2	Seat-Ball
99:6	127-1188	2	O-Ring, Seat (Ball)
99:7	127-1187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

● Not illustrated



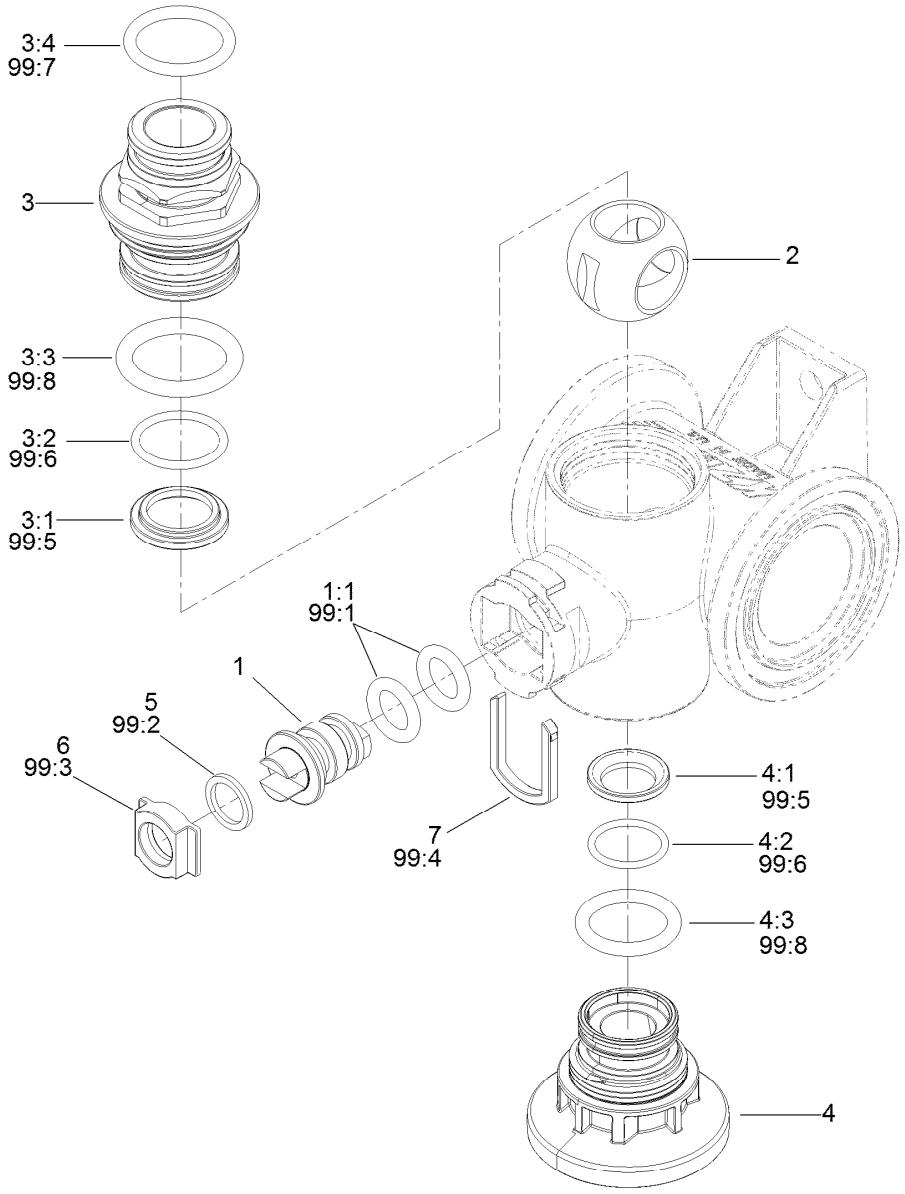
Bypass Valve Assembly No. 127-9805

Ref.	*Part Number*	*Qty.*	*Description*
1	131-0298	1	Bypass Needle Kit
1:1	127-1182	1	Needle-Bypass
1:2	127-1181	2	Oring-Bypass Needle
2	127-1180	1	Knob-Bypass
3	127-1179	1	Fork-Bypass Knob
4	127-1187	1	O-Ring, Endcap
5	127-1175	2	Fork



Actuator On/Off Kit No. 131-3723

Ref.	*Part Number*	*Qty.*	*Description*
1	127-9801	1	Actuator-On/Off
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

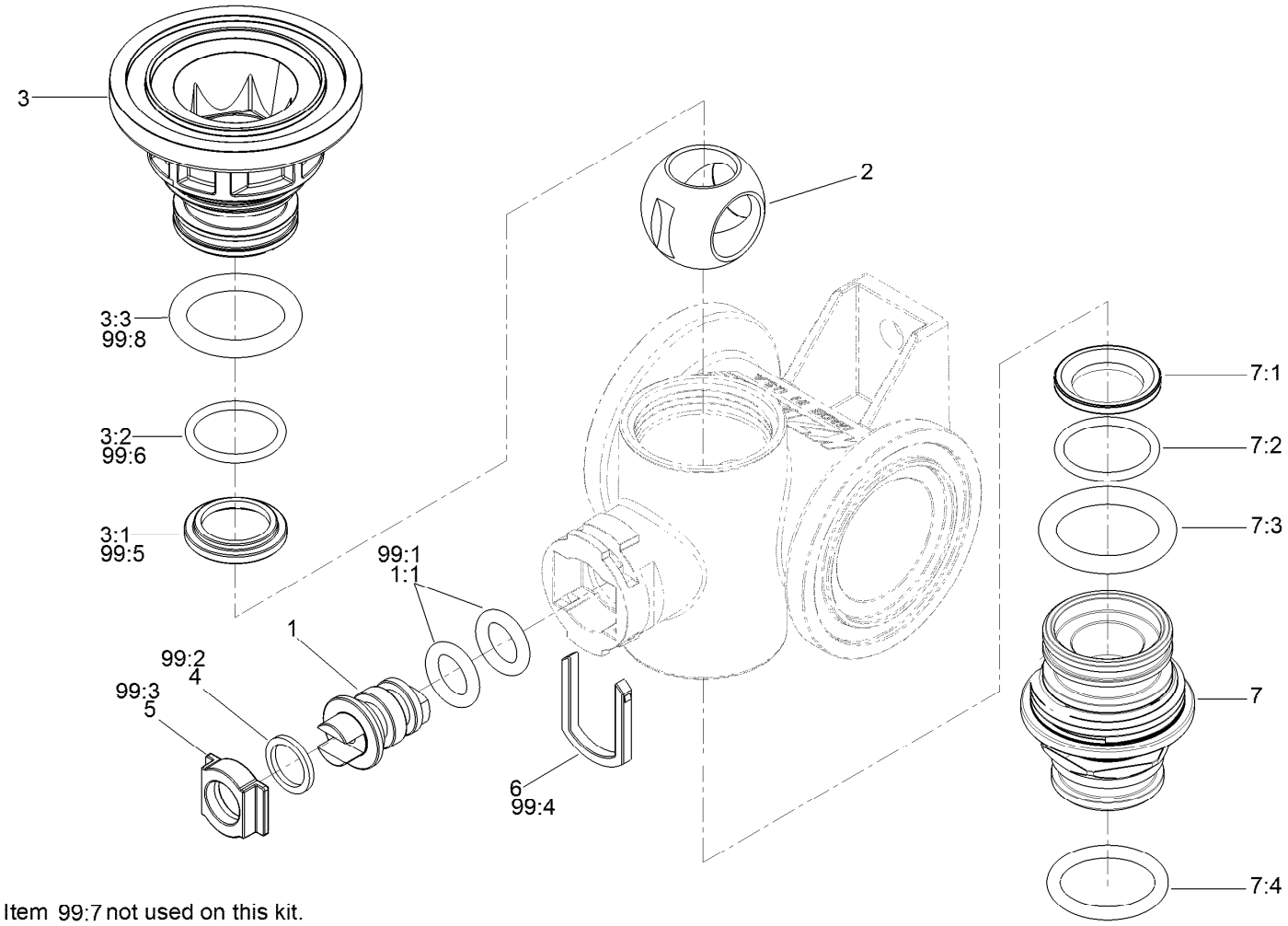


Manifold Valve Kit No. 131-0253

Ref.	*Part Number*	*Qty.*	*Description*
1	130-8248	1	Vavle 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



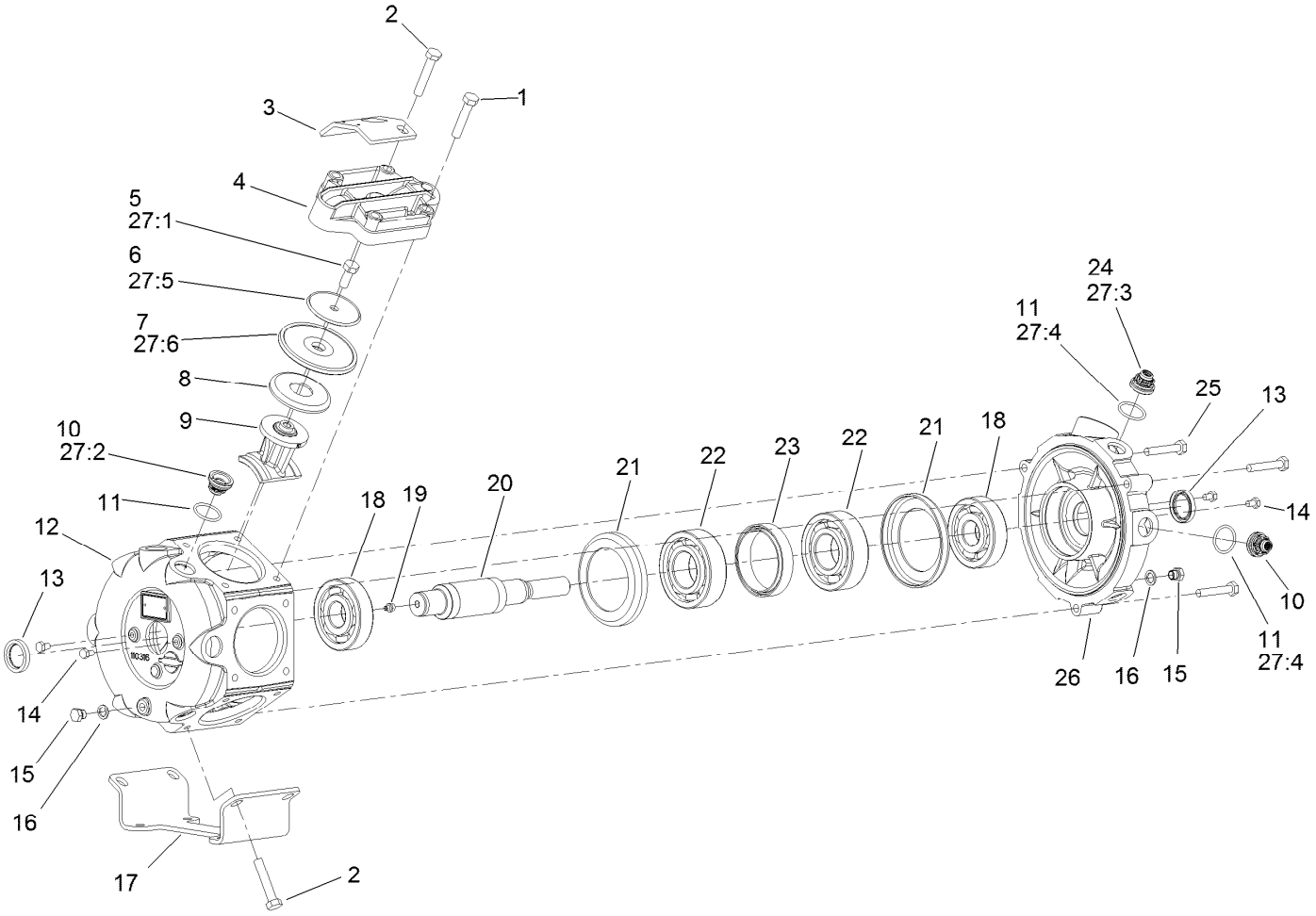
Item 99:7 not used on this kit.

Manifold Valve Kit No. 131-7256

Ref.	*Part Number*	*Qty.*	*Description*
1	130-8248	1	Vavle 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

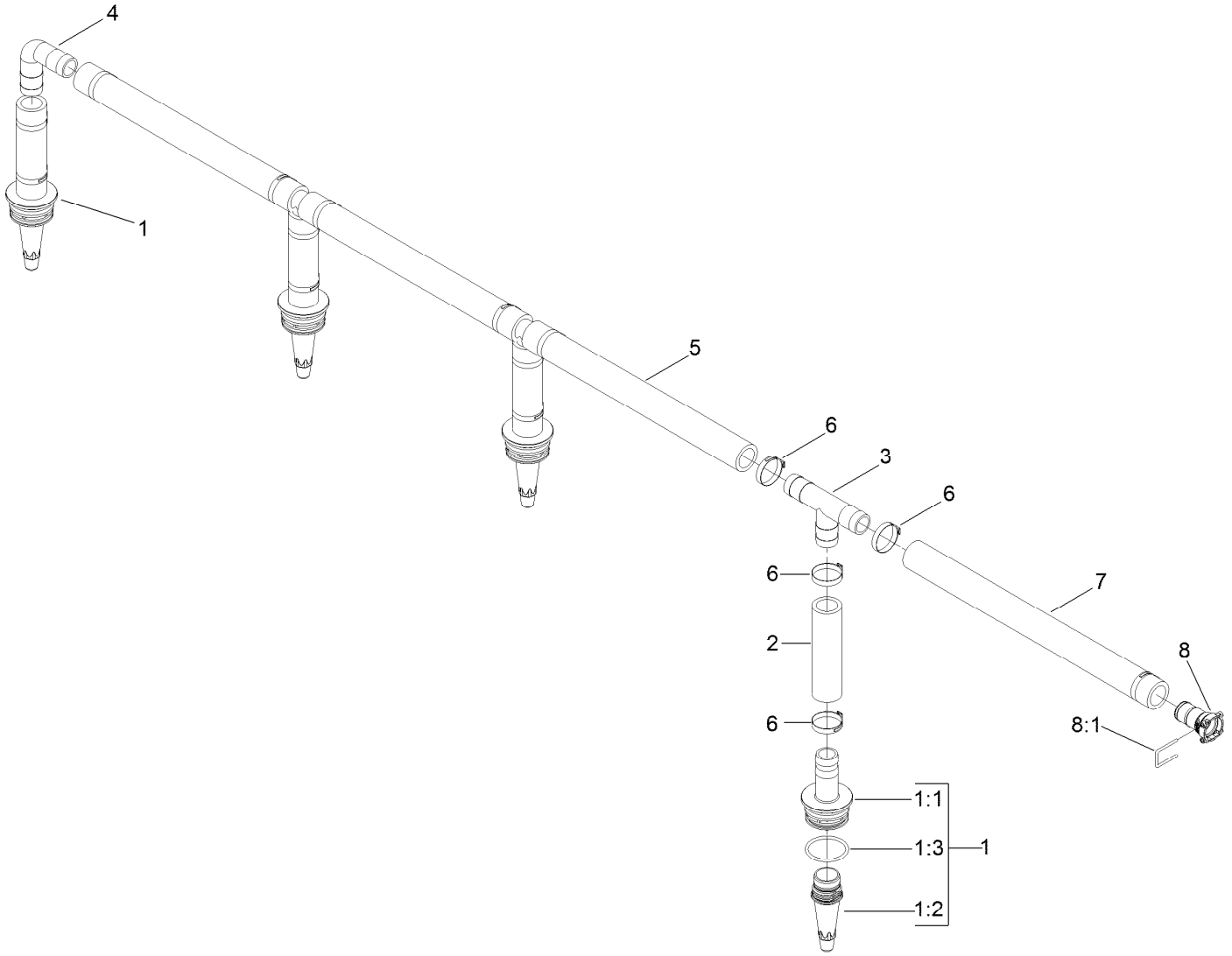
● Not illustrated



Pump Assembly No. 117-0713

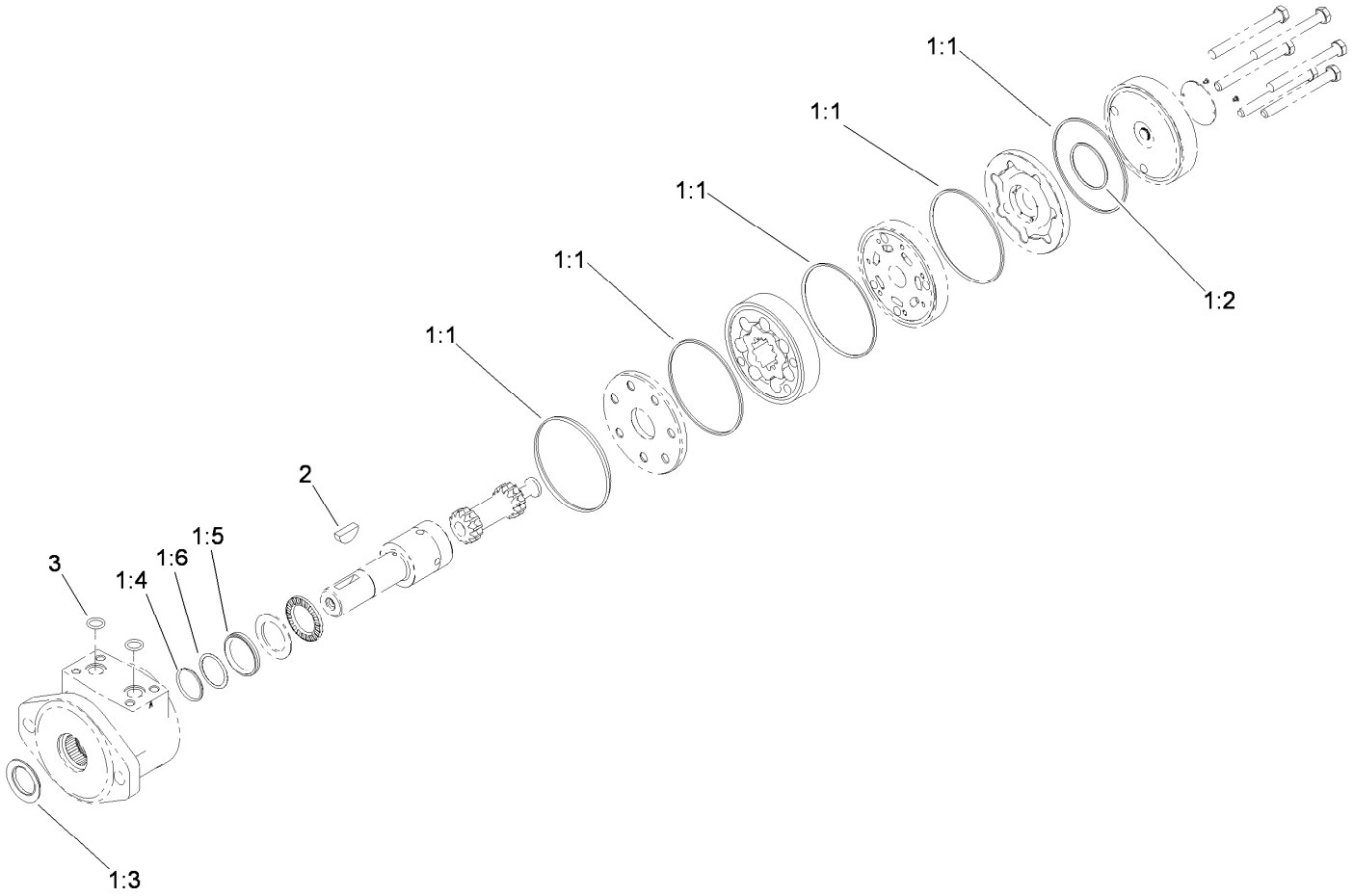
Ref.	Part Number	Qty.	Description
1	120-0773	18	Bolt-Hex
2	120-0774	6	Bolt-Hex
3	120-0775	1	Bracket-Pump
4	120-0776	6	Cover-Valve
5	120-0777	6	Bolt-Hex
6	120-0778	6	Disc-Diaphragm
7	120-0779	6	Diaphragm
8	120-0780	6	Disc-Backing, Diaphragm
9	120-0781	6	Rod-Connecting
10	99-0861	10	Valve-Pump
11	100-6651	12	O-Ring
12	120-0782	1	Casting-Pump
13	120-0783	2	Seal-Oil
14	120-0784	4	Bolt-Hex
15	120-0785	2	Plug
16	120-0786	2	Seal
17	120-0787	1	Foot-Pump
18	120-0788	2	Bearing-Ball
19	99-0873	1	Fitting-Grease
20	120-0789	1	Shaft-Crank
21	120-0790	2	Spacer-Metal
22	120-0791	2	Bearing-Ball
23	120-0792	1	Spacer
24	120-0793	2	Valve W/Hole
25	120-0794	3	Bolt-Hex
26	120-0795	1	Casting-Pump
27	120-0796	1	Pump Kit ●
27:1	120-0777	6	Bolt-Hex
27:2	99-0861	10	Valve-Pump
27:3	120-0793	2	Valve W/Hole
27:4	100-6651	12	O-Ring
27:5	120-0778	6	Disc-Diaphragm
27:6	120-0779	6	Diaphragm

● Not illustrated



Agitation Hose Assembly No. 132-4309

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	2412-3	16	Clamp-Hose
7	132-4311	1	Hose-Agitation
8	127-9806	1	Fitting Kit
8:1	127-1175	1	Fork

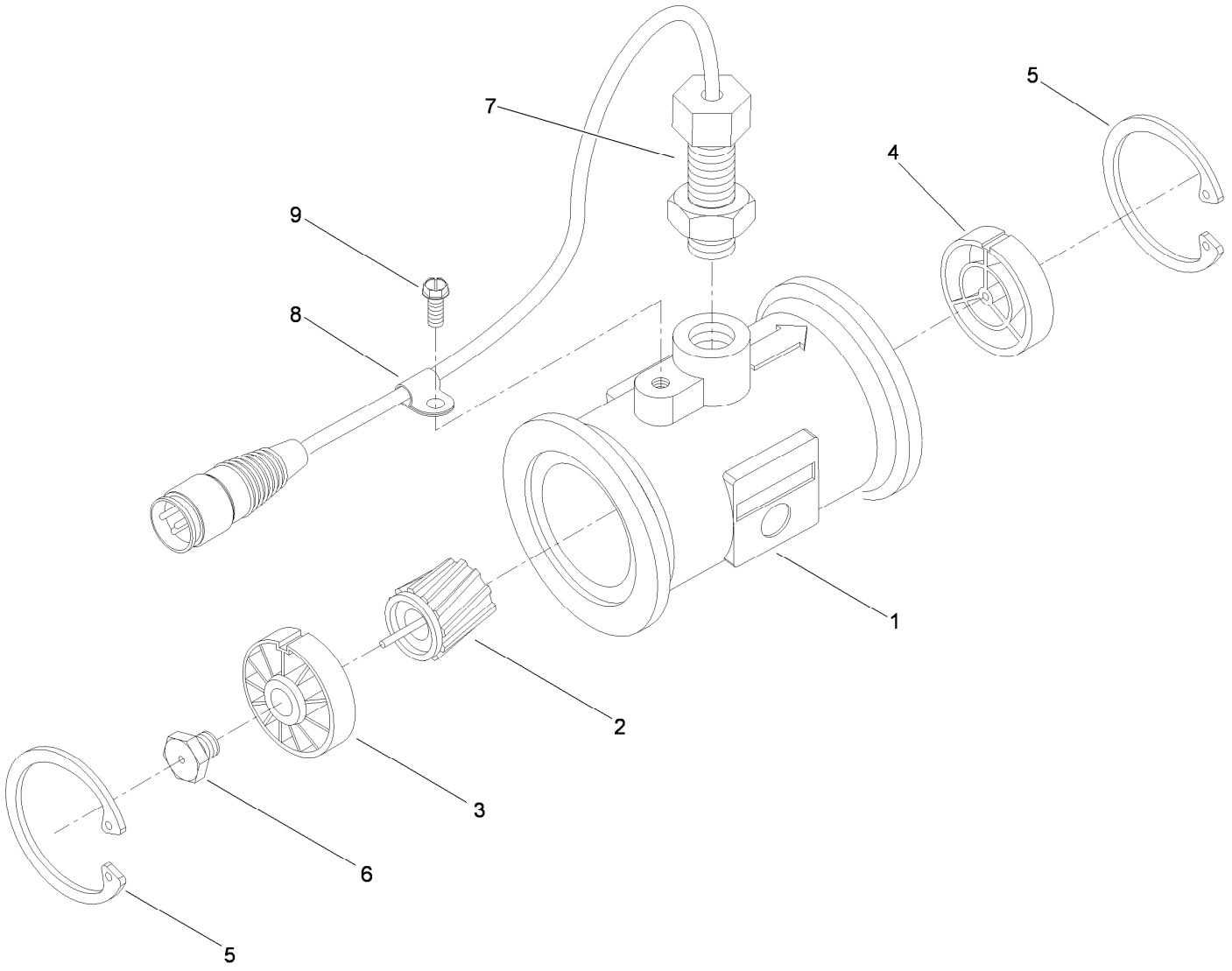


Hydraulic Motor Assembly No. 117-0706

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

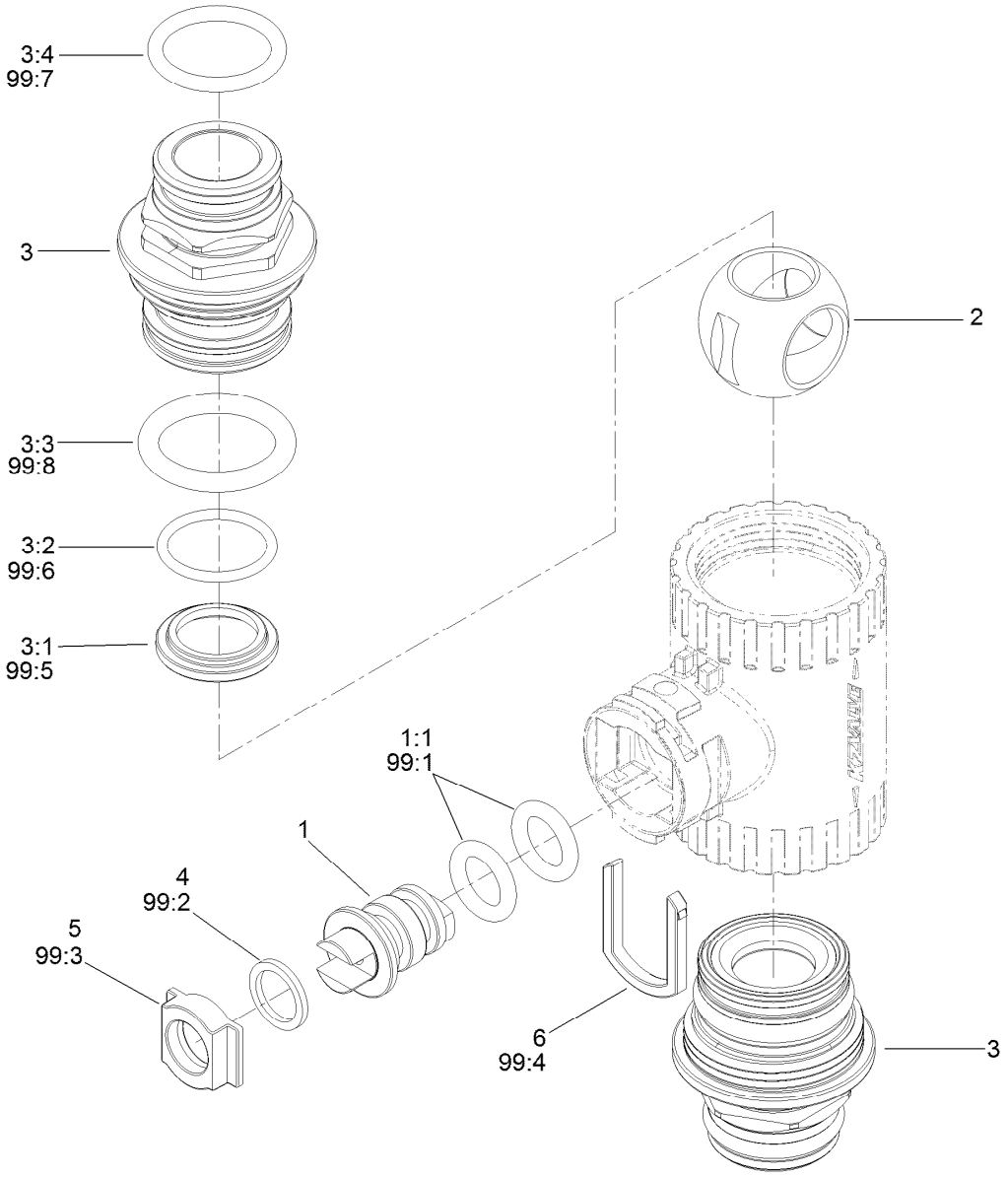
● Not illustrated

■ Not serviced separately



Flow Meter Assembly No. 106-1038

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	104-9065	1	External Sensor ASM
8	104-9063	1	Clamp-Cable
9	104-9064	1	Screw-HWHTF

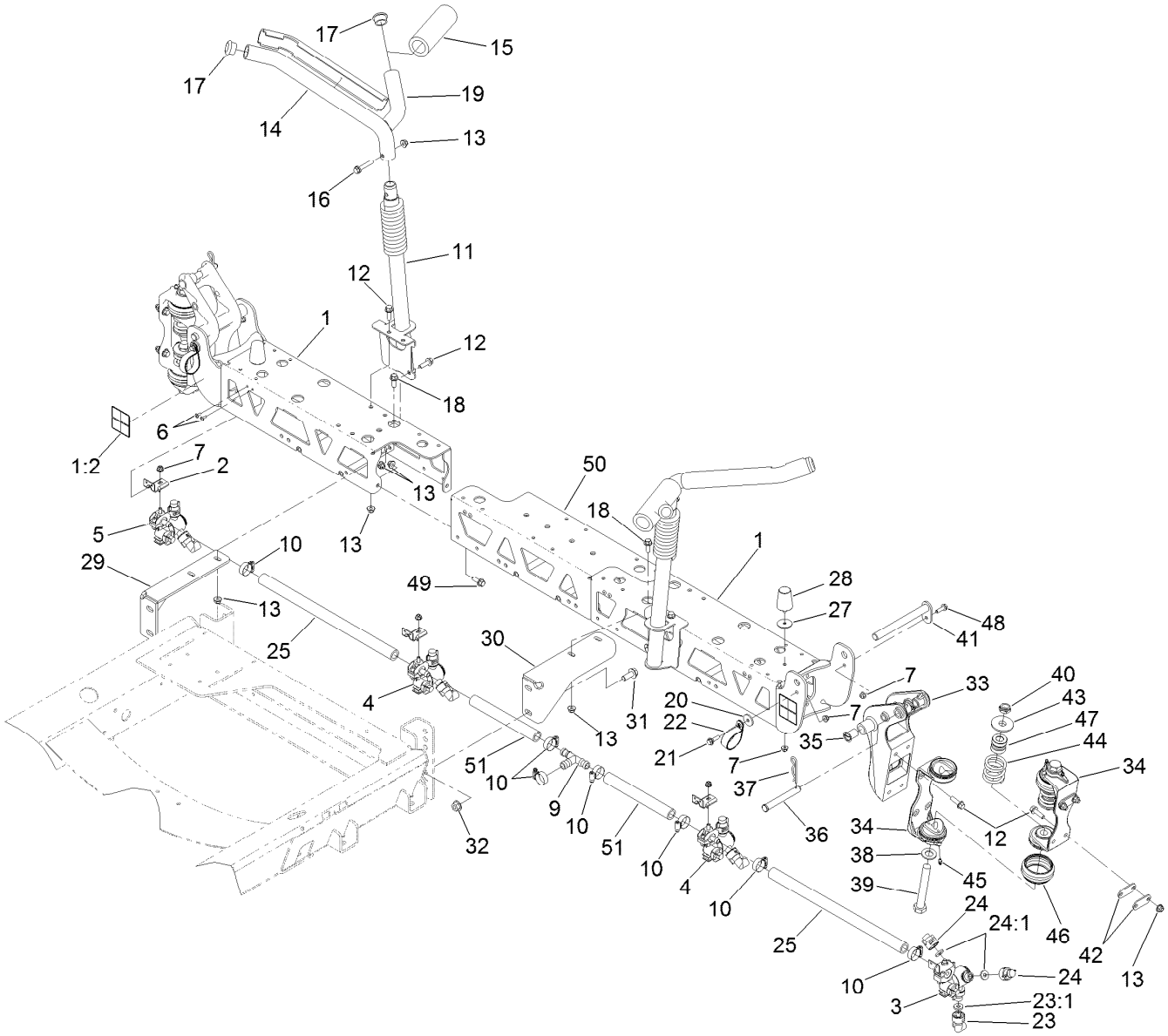


On/Off 2-Way Valve Kit No. 131-0249

Ref.	*Part Number*	*Qty.*	*Description*
1	130-8248	1	Vavle 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

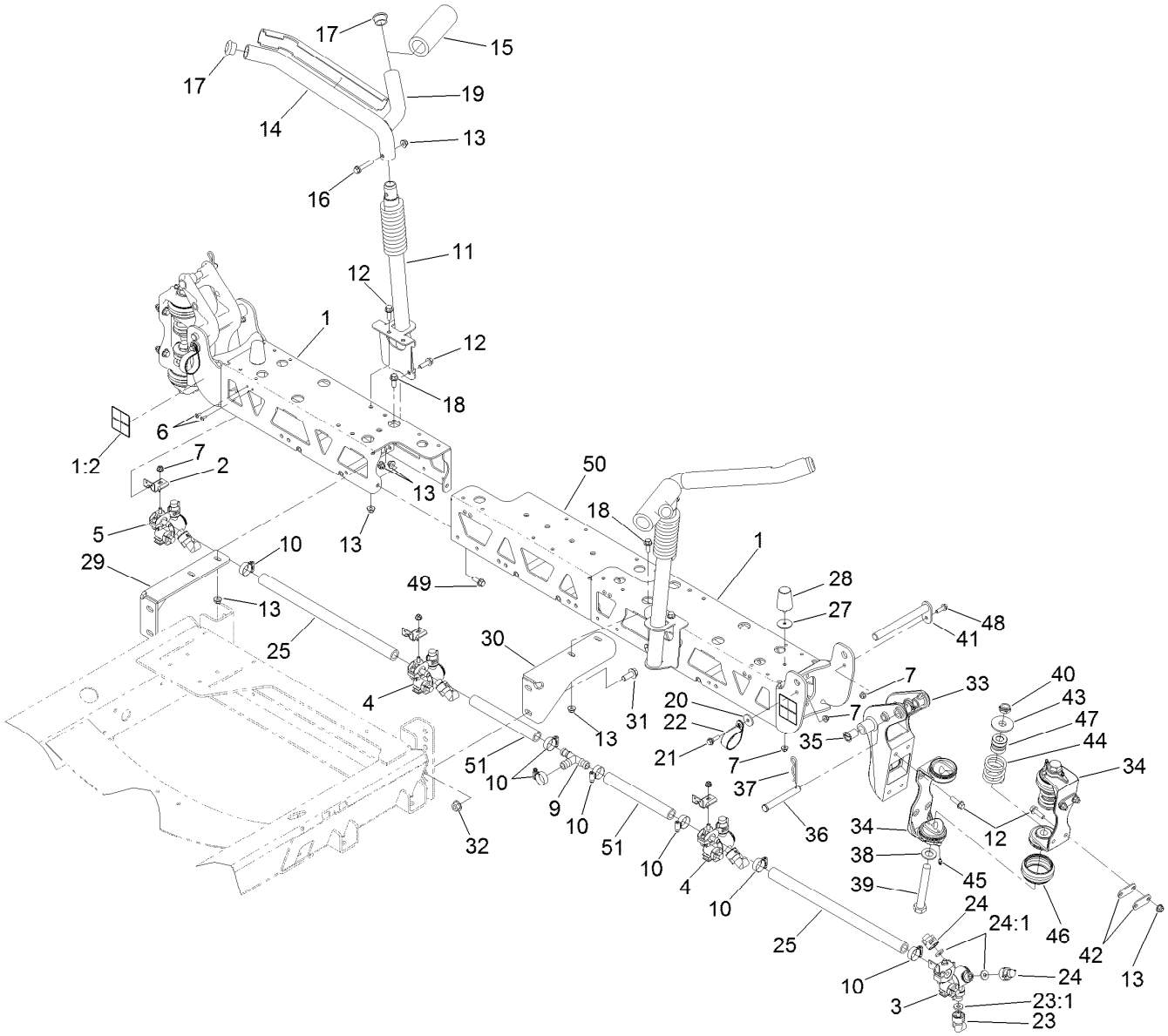
● Not illustrated



Center Boom Assembly

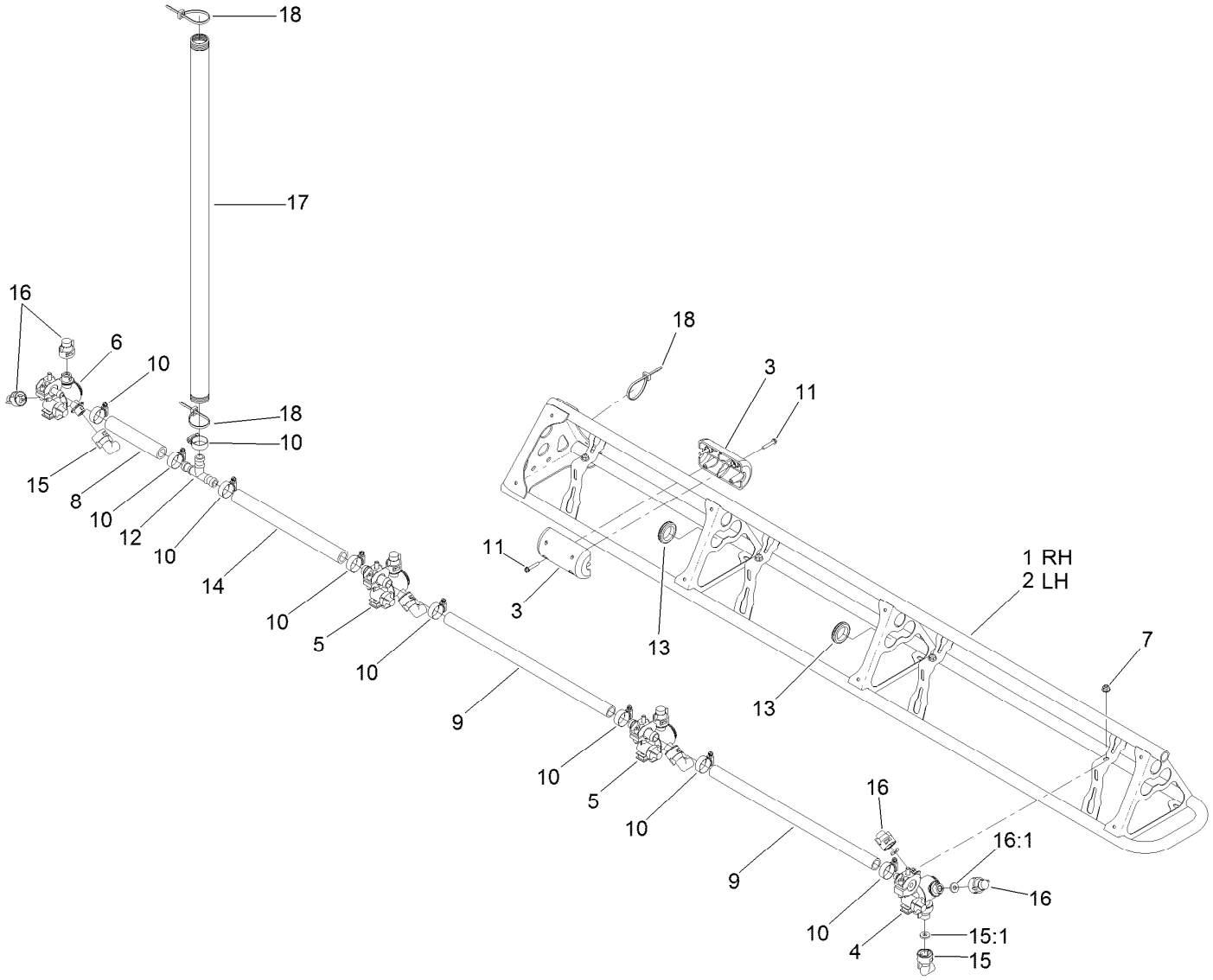
Ref.	Part Number	Qty.	Description
1	131-7268	2	Boom-Outer
1:2	120-0617	2	Decal-Warning, Pinch, Crush
2	107-8775-03	4	Bracket-Nozzle Mount
3	108-3725	1	LH Single Body Turret ASM
4	108-3727	2	Double Turret Body ASM
5	108-3726	1	RH Single Body Turret ASM
6	114439	8	Rivet-Pop
7	104-8300	9	Nut-HF, NI
9	108-3439	1	Tee
10	2412-129	7	Clamp-Hose
11	130-8238-03	2	Lower Cradle ASM
12	110-5050	22	Screw-HHF
13	104-8301	32	Nut-HF, NI
14	108-3476-03	2	Cradle-Upper
15	108-3457	2	Spacer
16	108-3742	2	Screw-HHF
17	108-3489	4	Cap-Tube
18	110-5052	4	Screw-HHF
19	108-3495	2	Cover-Slide
20	108-3743	2	Washer

Ref.	Part Number	Qty.	Description
21	108-3744	2	Screw-Shoulder
22	114-9566	2	Clamp-R
23	95-9186	4	Cap
23:1	40998	1	Seat-Gasket
24	95-9187	8	Cap-Blank
24:1	40998	1	Seat-Gasket
25	108-3735	2	Hose-Boom, Center
27	3256-68	2	Washer-Flat
28	110-5070	2	Bumper
29	127-8955-03	1	Mount-Boom
30	127-8956-03	1	Mount-Boom
31	110-5057	4	Capscrew-HHF
32	108-3745	4	Nut-HHF, Whiz
33	119-4993-03	2	Bracket-Pivot
34	108-3471-03	4	Hinge
35	100-8541	4	Bushing-A Arm
36	108-3436	2	Pin-Clevis
37	3290-468	2	Pin-Cotter
38	110-5054	4	Washer-Flat
39	108-3738	4	Screw-HH
40	3296-15	4	Nut-Lock, NI



Center Boom Assembly (continued)

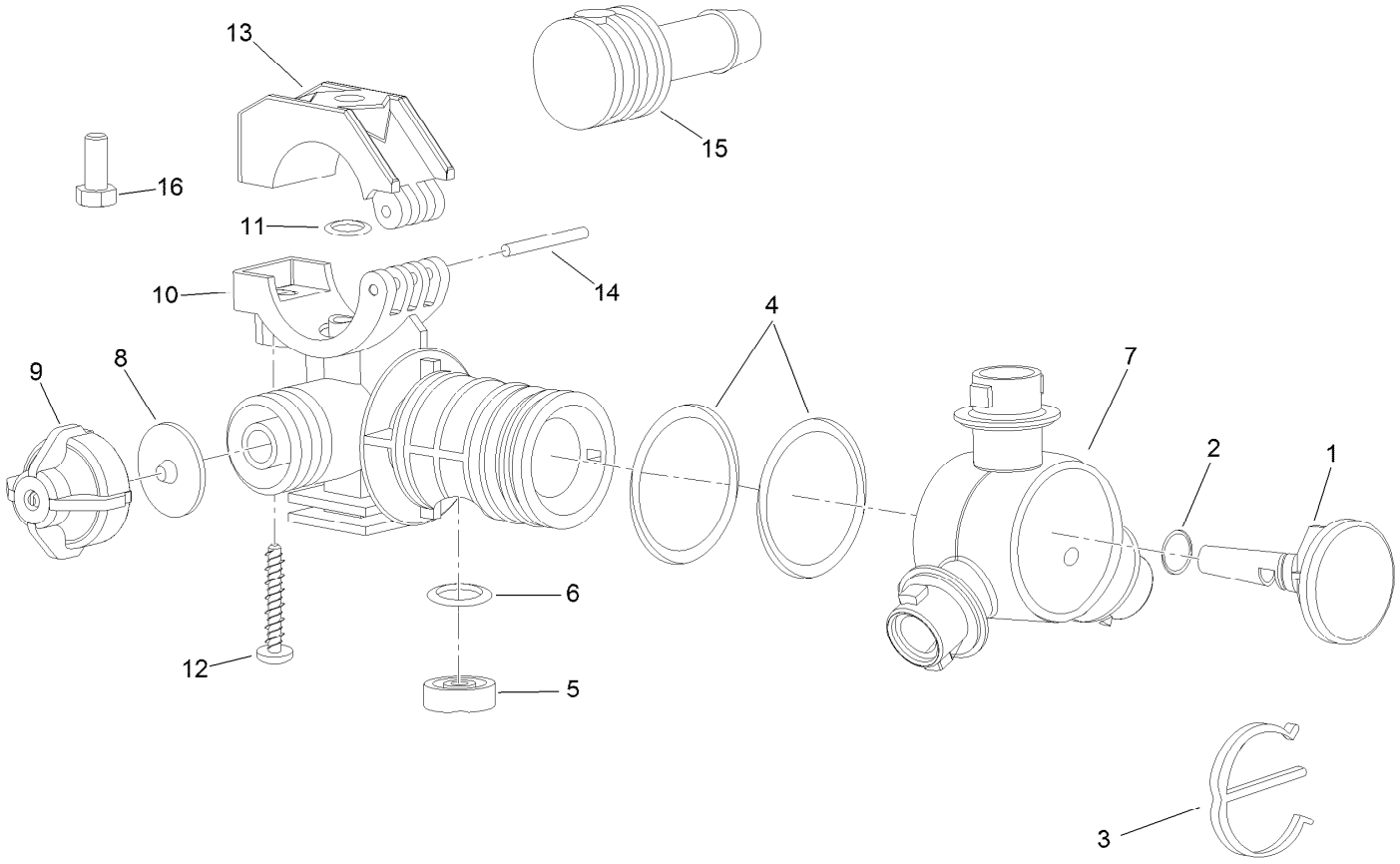
Ref.	Part Number	Qty.	Description
41	108-3419	2	Pivot Pin ASM
42	108-3605	8	Plate-Backing
43	108-3444	4	Retainer-Spring
44	108-3440	4	Spring-Breakaway, Boom
45	302-5	8	Fitting-Grease
46	108-3459	4	Boot-Hinge
47	120-8541	4	Dampener-Hinge
48	108-3748	2	Screw-HHF
49	3234-42	4	Screw-HHF
50	130-8219-03	1	Boom-Center
51	132-4341	2	Hose-Boom, Center



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	108-3728	2	Hose-Boom
9	40506	4	Hose-Jumper
10	2412-129	18	Clamp-Hose

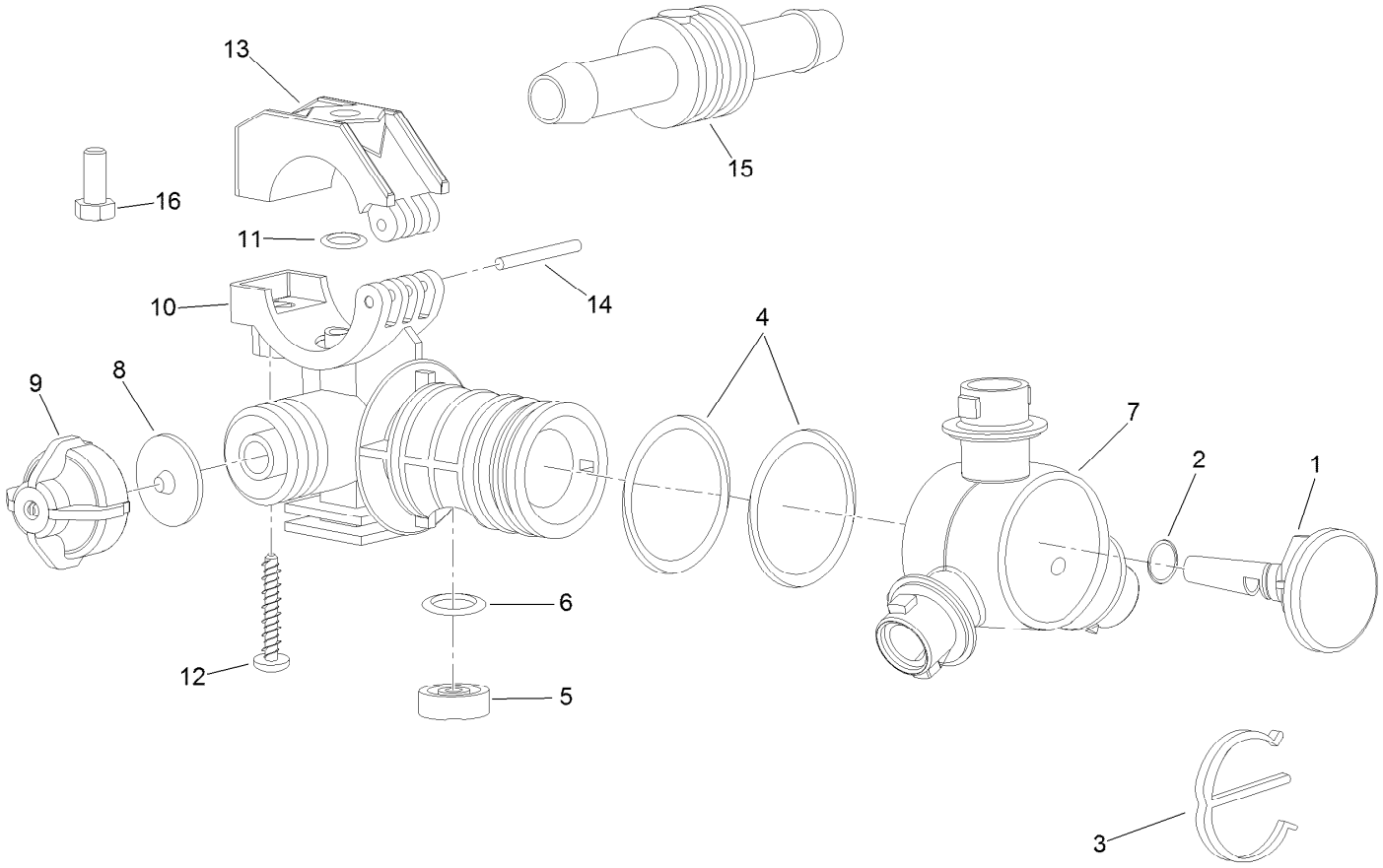
Ref.	Part Number	Qty.	Description
11	119-9369	8	Screw-HHF
12	108-3439	2	Tee
13	240-3	4	Grommet-Rubber
14	108-3721	2	Hose-Boom
15	95-9186	8	Cap
15:1	40998	1	Seat-Gasket
16	95-9187	16	Cap-Blank
16:1	40998	1	Seat-Gasket
17	107-8650	2	Conduit-Convoluted
18	3290-378	6	Tie-Cable



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

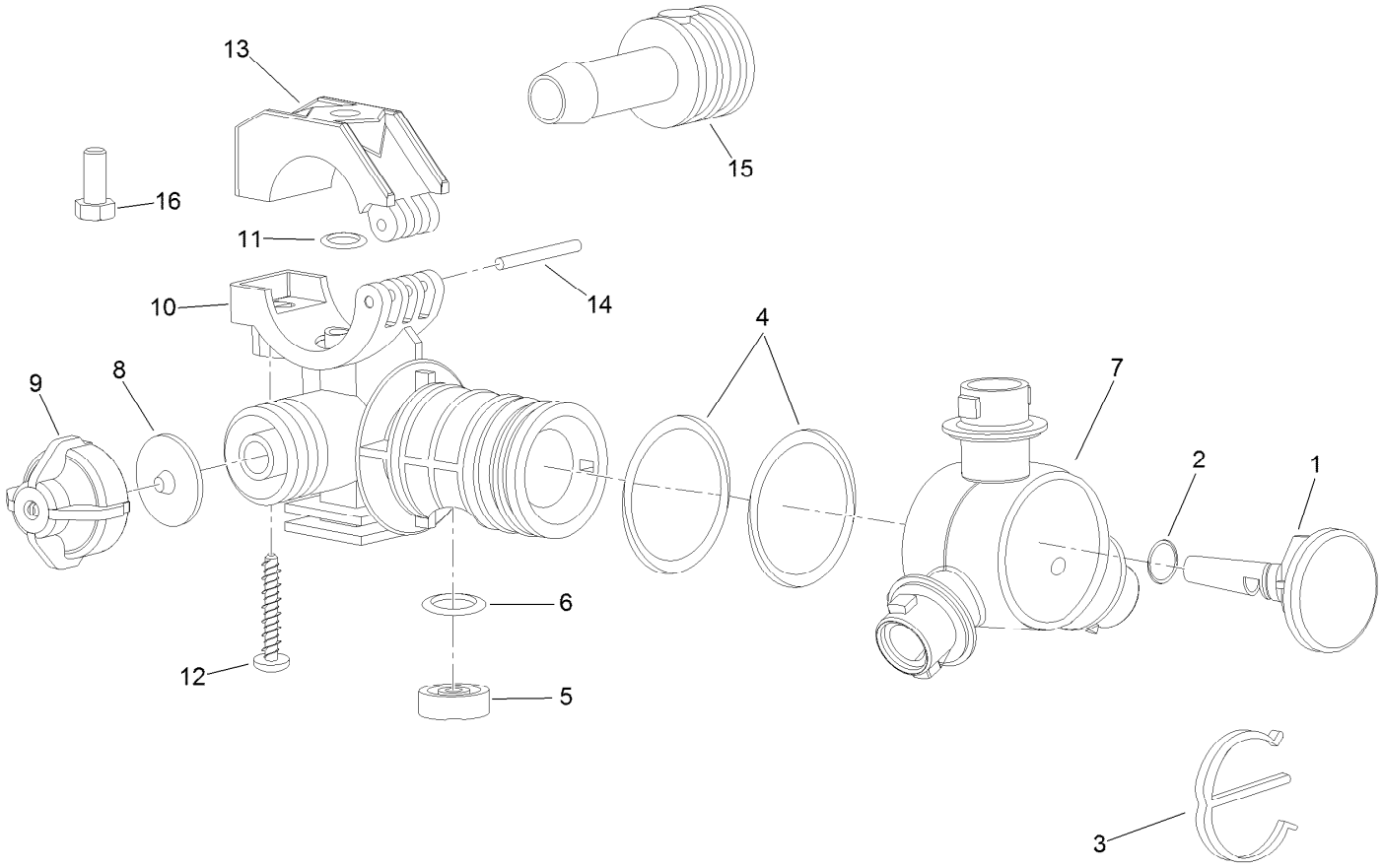
Ref.	*Part Number*	*Qty.*	*Description*
9	95-9193	1	Cap-Diaphram
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9201	1	Shank-Hose
16	322-3	1	Screw-HH



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

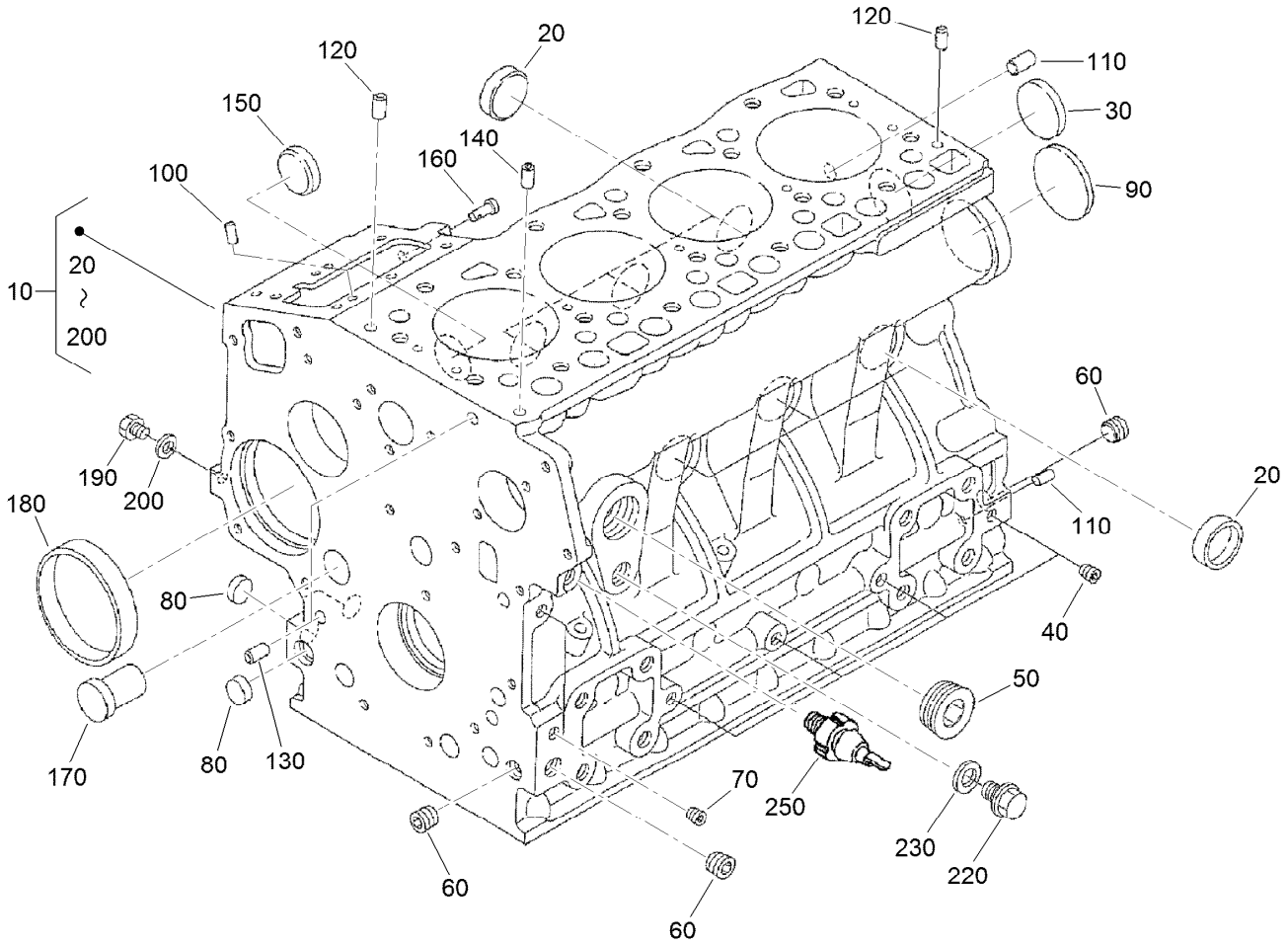
Ref.	*Part Number*	*Qty.*	*Description*
9	95-9193	1	Cap-Diaphram
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9202	1	Shank-Hose
16	322-3	1	Screw-HH



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

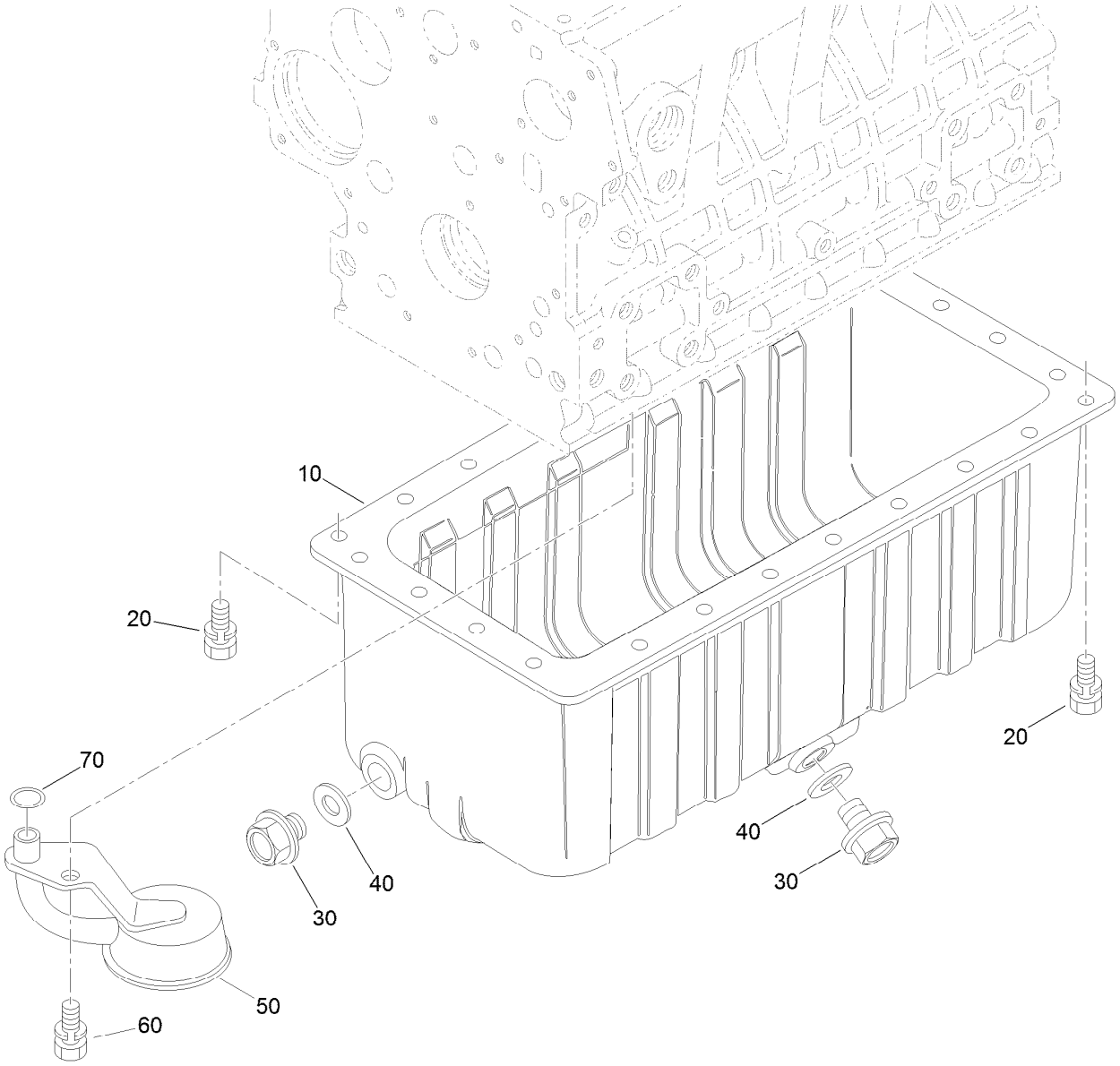
Ref.	*Part Number*	*Qty.*	*Description*
9	95-9193	1	Cap-Diaphram
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9201	1	Shank-Hose
16	322-3	1	Screw-HH



Crankcase Assembly

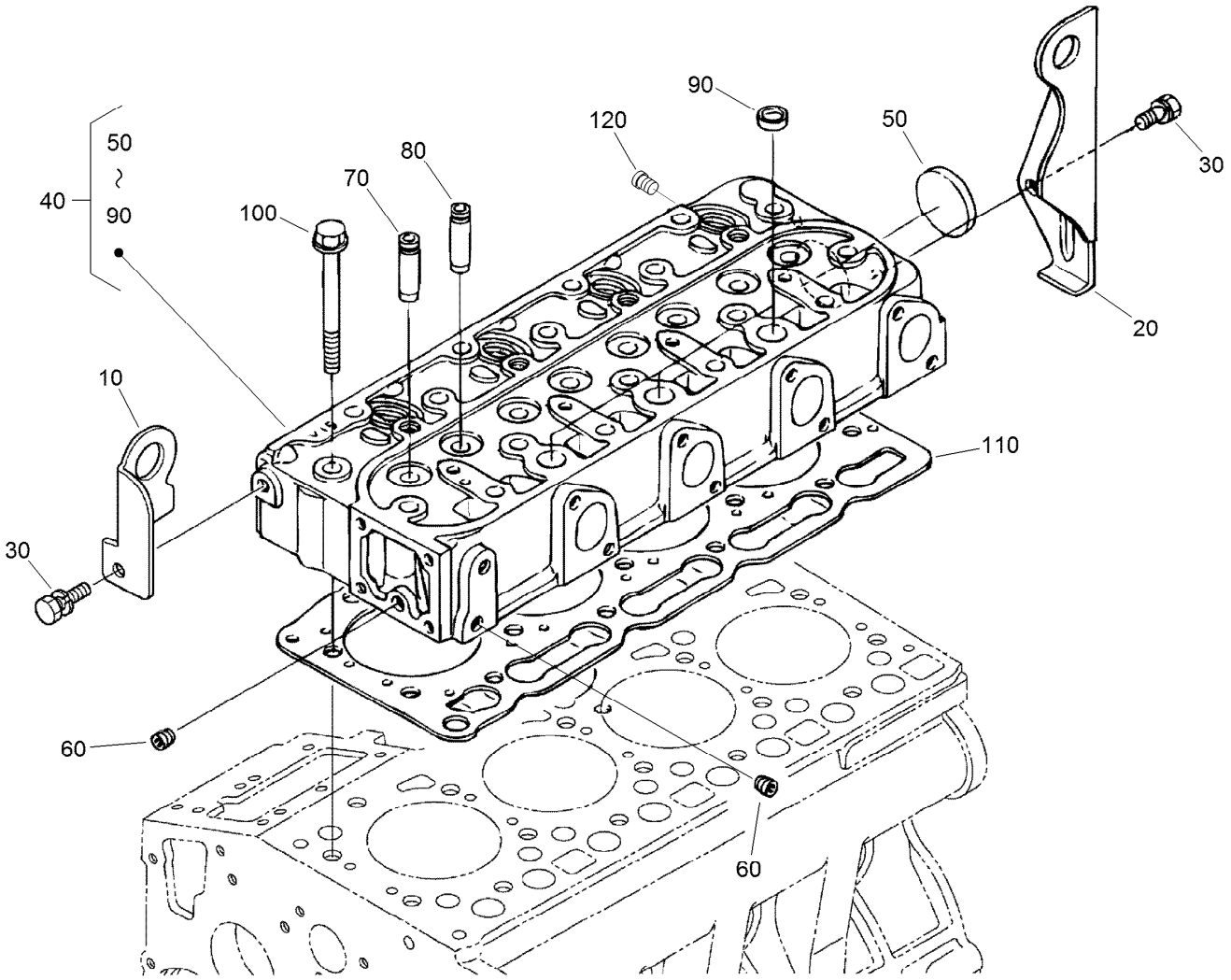
Ref.	Part Number	Qty.	Description
10	115-4109	1	Crankcase ASM
20	98-9398	6	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-9687	4	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-9379	3	Plug-Expansion
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-9376	2	Pin-Straight

Ref.	Part Number	Qty.	Description
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



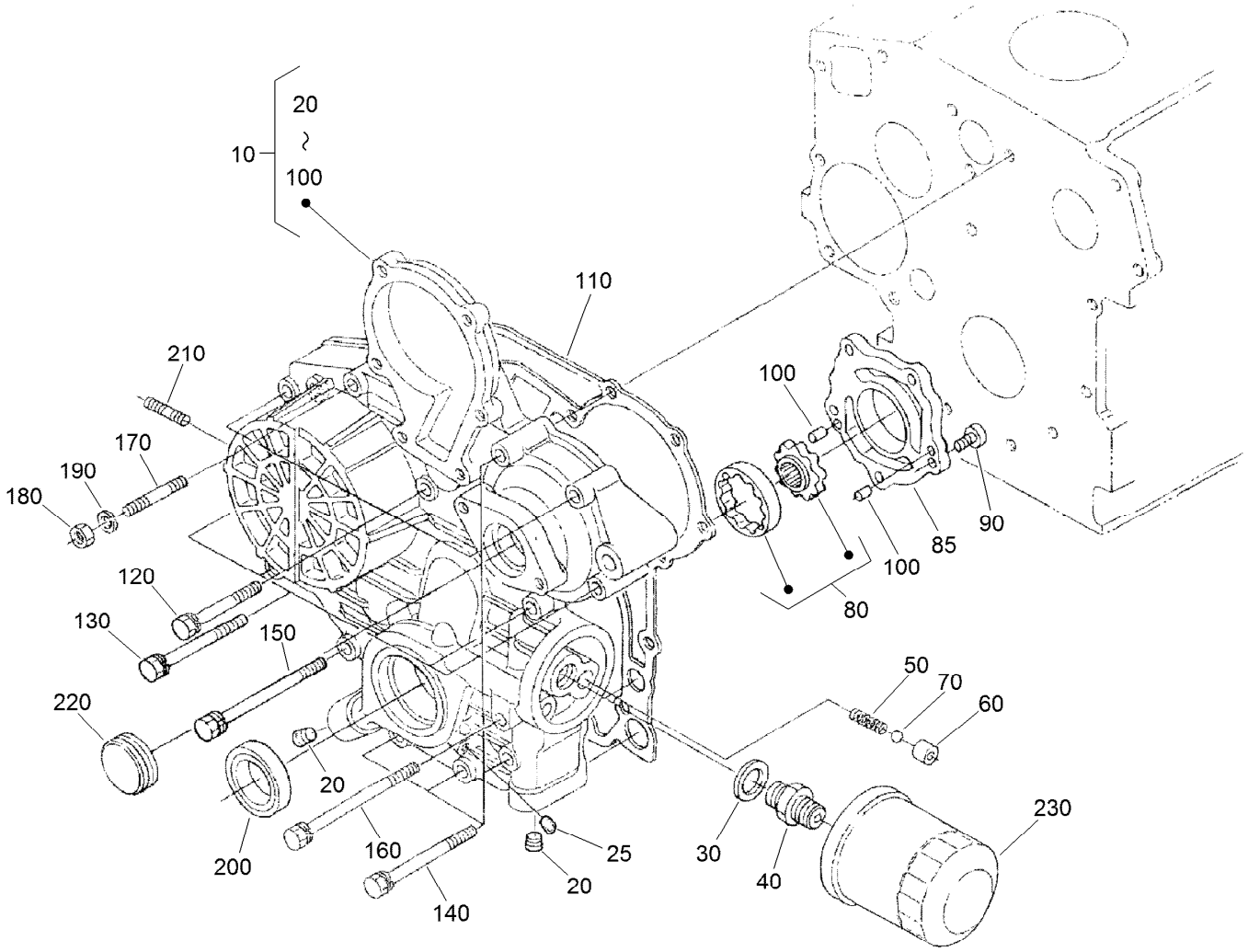
Oil Pan Assembly

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

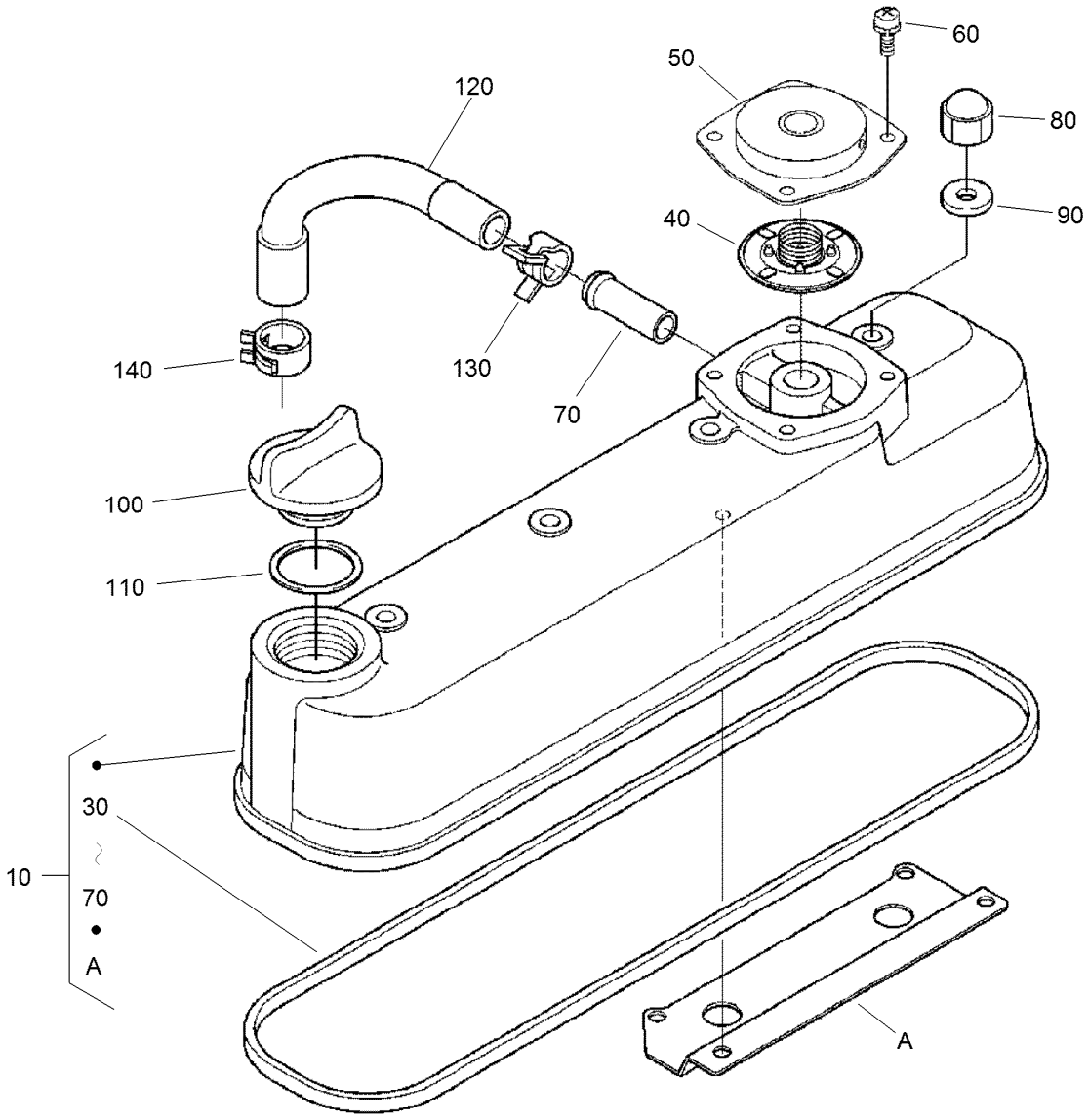
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9477	1	Hook-Engine
20	98-9478	1	Hook-Engine
30	100-9195	2	Bolt
40	115-3012	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	4	Guide-Valve, Inlet
80	107-9067	4	Guide-Valve, Exhaust
90	98-9389	3	Cap-Sealing
100	98-9479	18	Bolt-Head, Cylinder
110	108-2855	1	Gasket-Head, Cylinder
120	98-9444	1	Plug



Gear Case Assembly

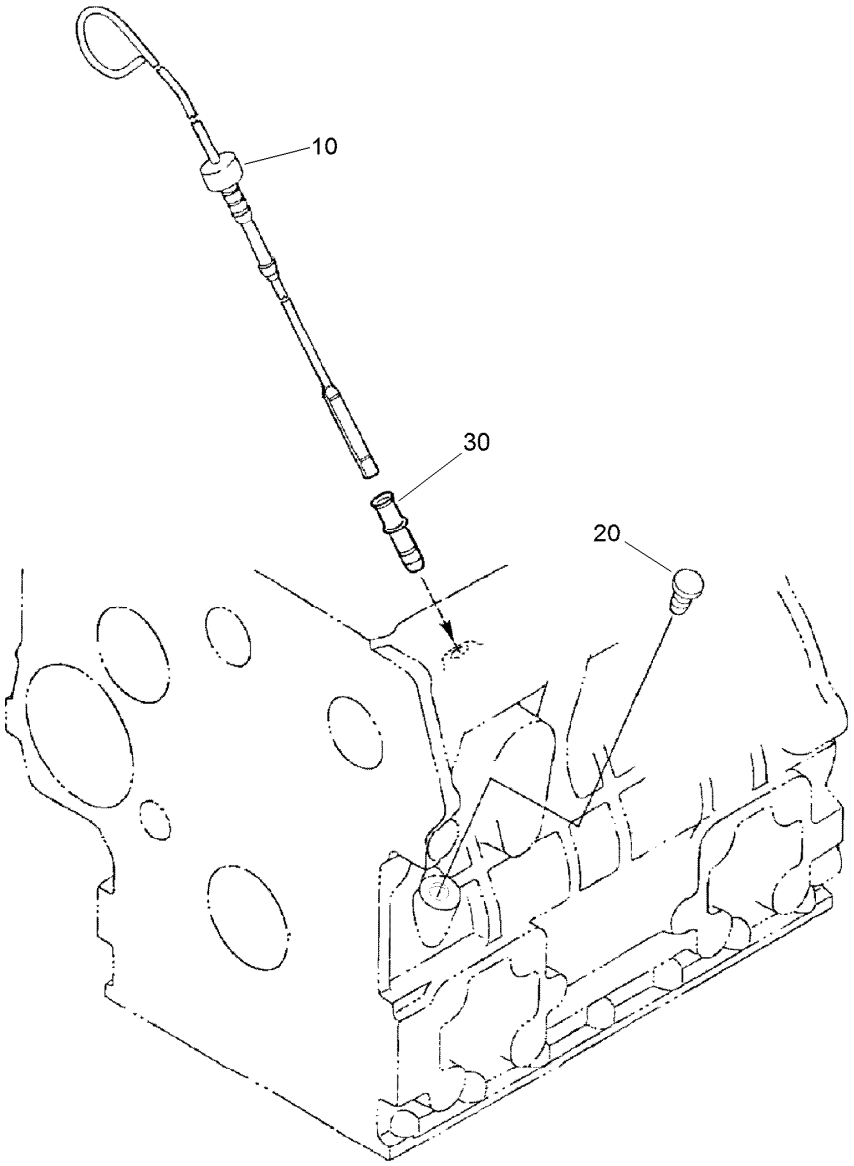
Ref.	Part Number	Qty.	Description
10	115-4105	1	Gear Case ASM
20	98-9598	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9071	5	Screw
100	107-9072	2	Pin-Straight
110	98-9633	1	Gasket-Case, Gear

Ref.	Part Number	Qty.	Description
120	107-9073	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt
150	107-9074	1	Bolt
160	98-9586	1	Bolt
170	105-3709	1	Stud
180	98-7572	1	Nut
190	98-7699	1	Washer-Spring
200	98-9482	1	Seal-Oil
210	105-3710	2	Stud
220	98-9641	1	Cover-Case, Gear
230	108-3841	1	Filter-Oil



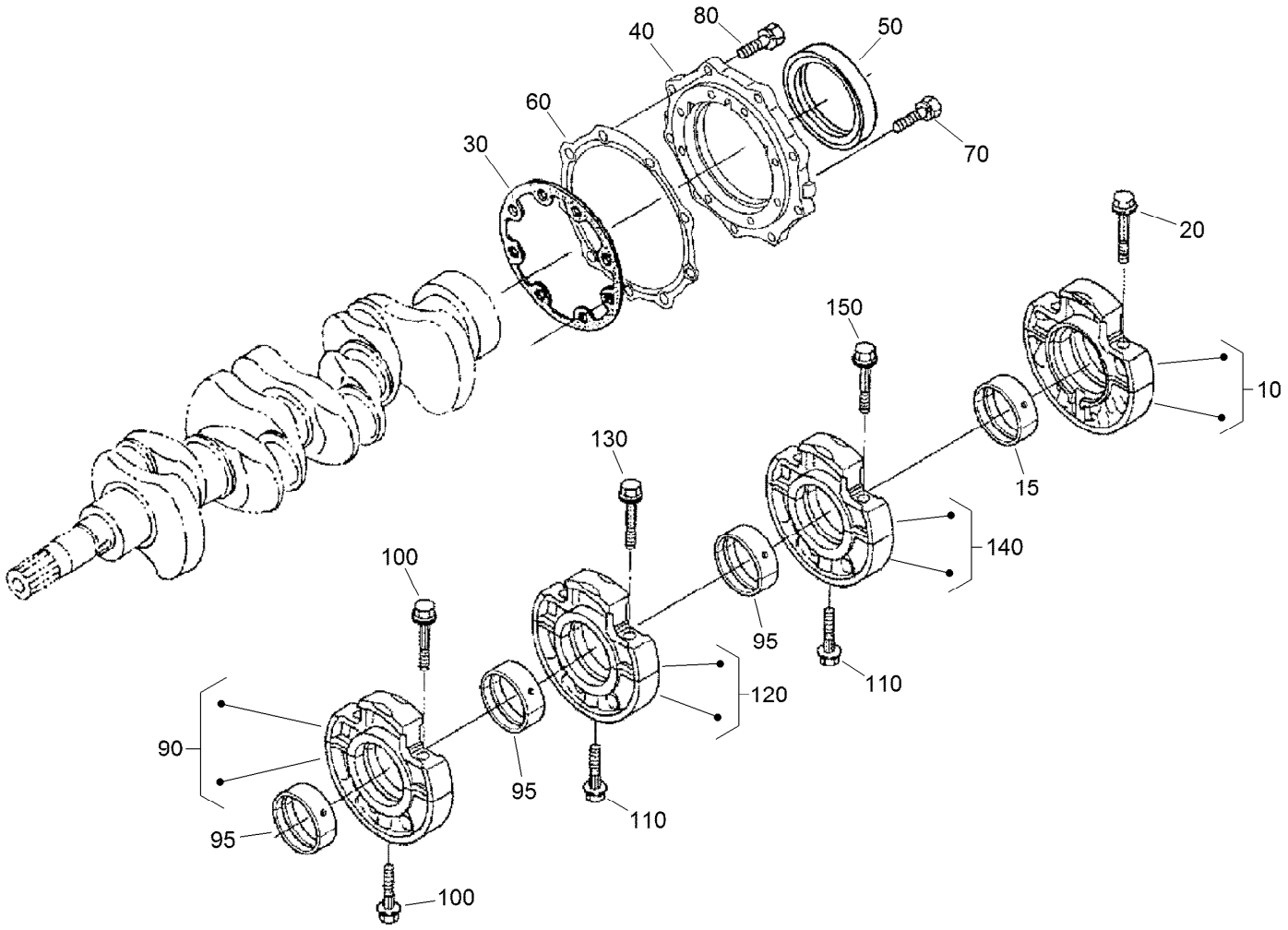
Cylinder Head Cover Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	115-3038	1	Cylinder Head Cover ASM
30	105-3712	1	Gasket-Cover, Head
40	108-2861	1	Breather Valve ASM
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

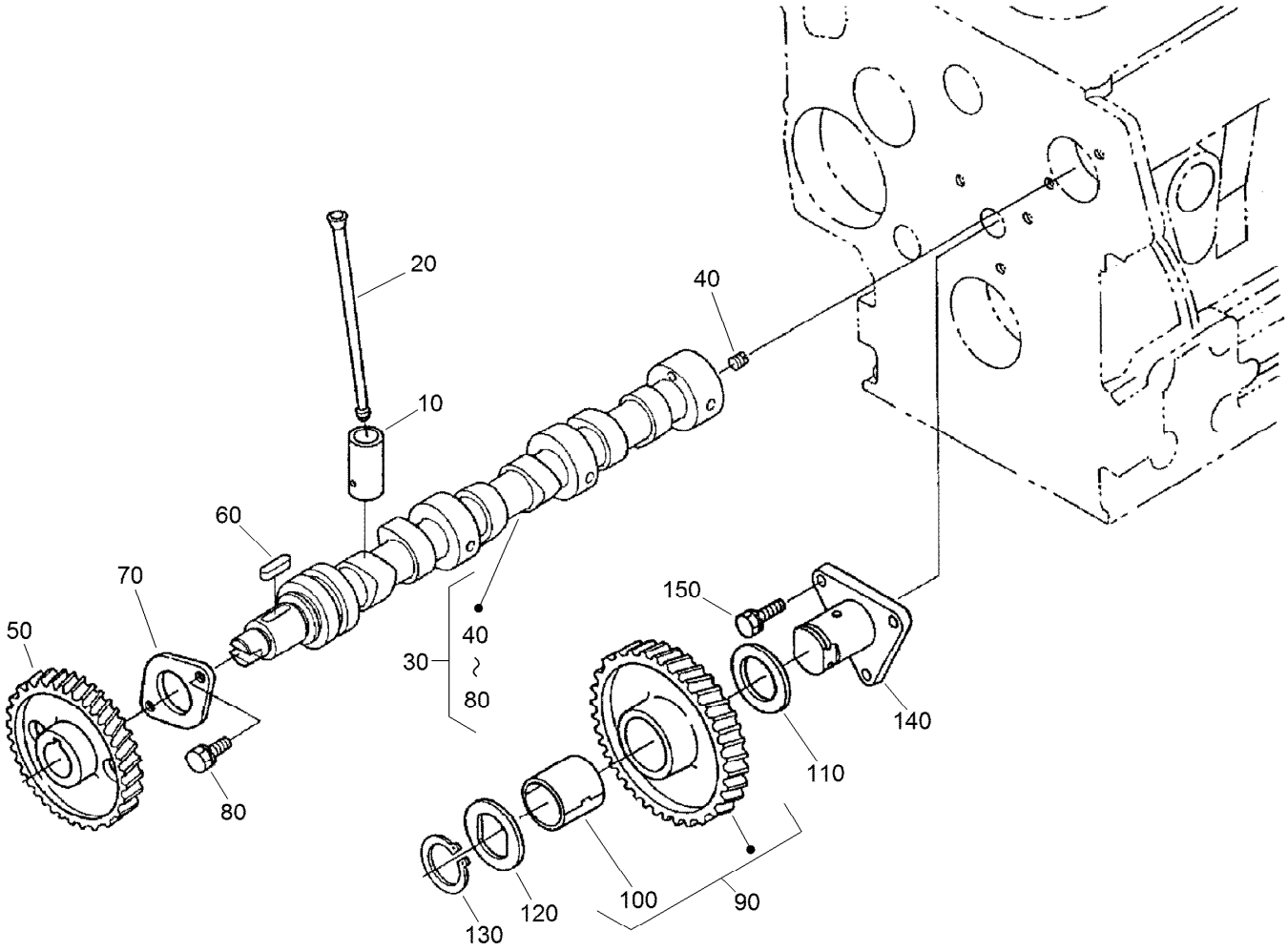
Ref.	*Part Number*	*Qty.*	*Description*
10	105-3714	1	Gauge-Oil
20	110-3720	1	Plug-Gauge, Oil
30	105-4580	1	Guide-Gauge, Oil



Main Bearing Case Assembly

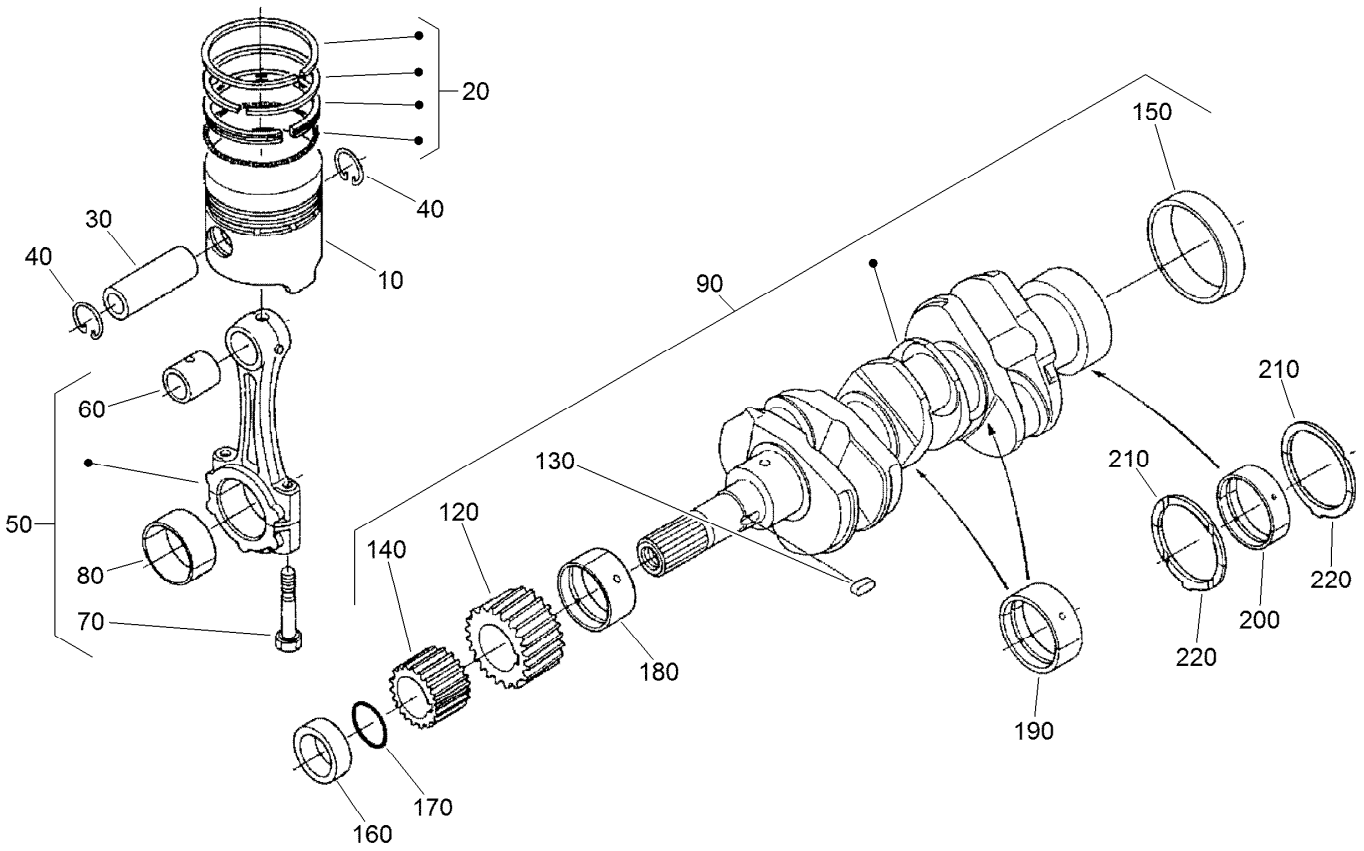
Ref.	*Part Number*	*Qty.*	*Description*
10	112-7026	1	Wheel Bearing Case ASM
15	112-7045	1	Metal-Crankshaft
20	98-9484	2	Bolt-Case, Bearing
30	98-9634	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	112-7037	1	Gasket-Cover, Case
70	98-9352	8	Bolt
80	98-7568	9	Bolt

Ref.	*Part Number*	*Qty.*	*Description*
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	115-4108	1	Main Bearing Case ASM
150	98-9484	2	Bolt-Case, Bearing



Cam Shaft and Idle Gear Assembly

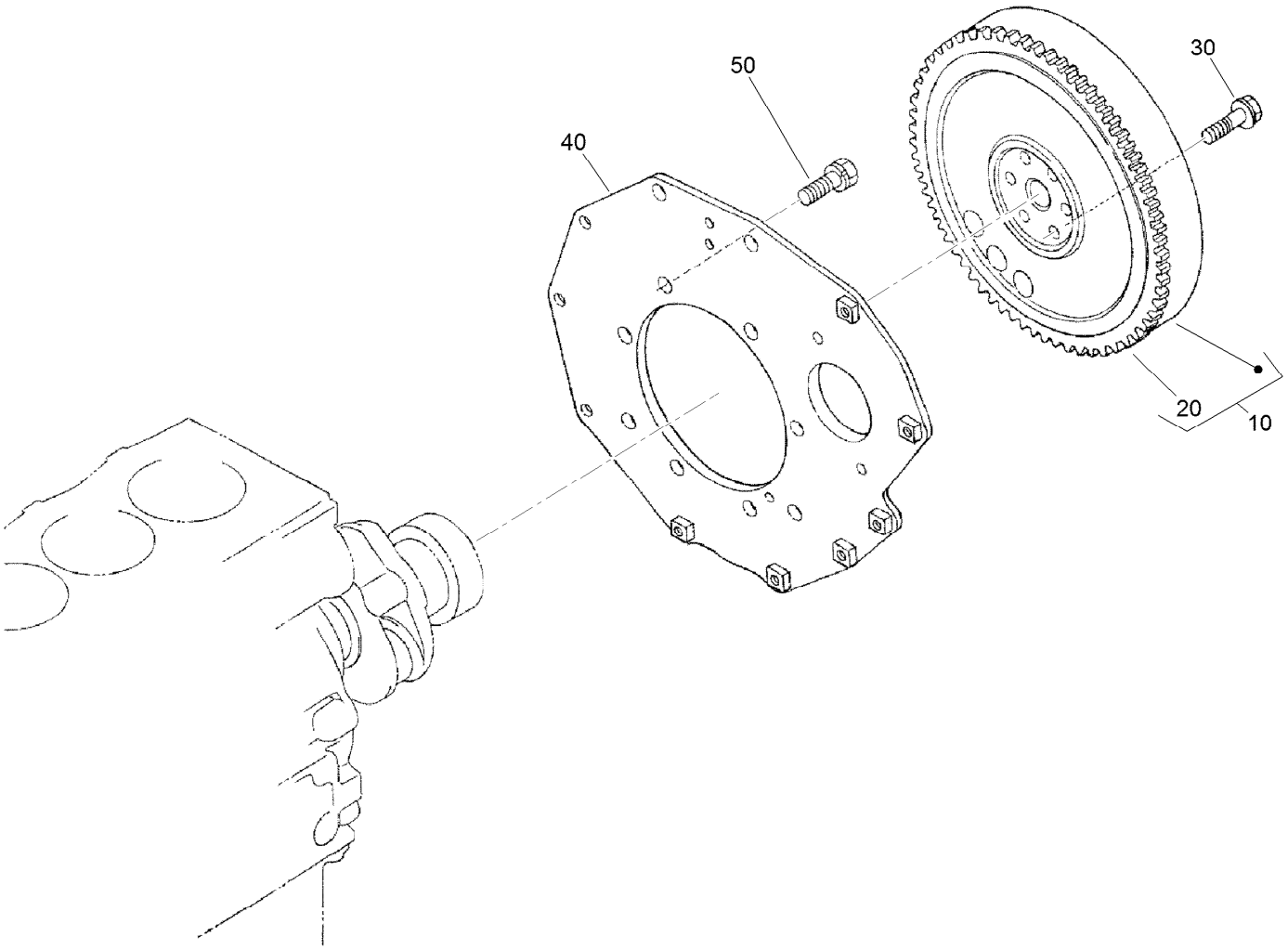
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	108-2865	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1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

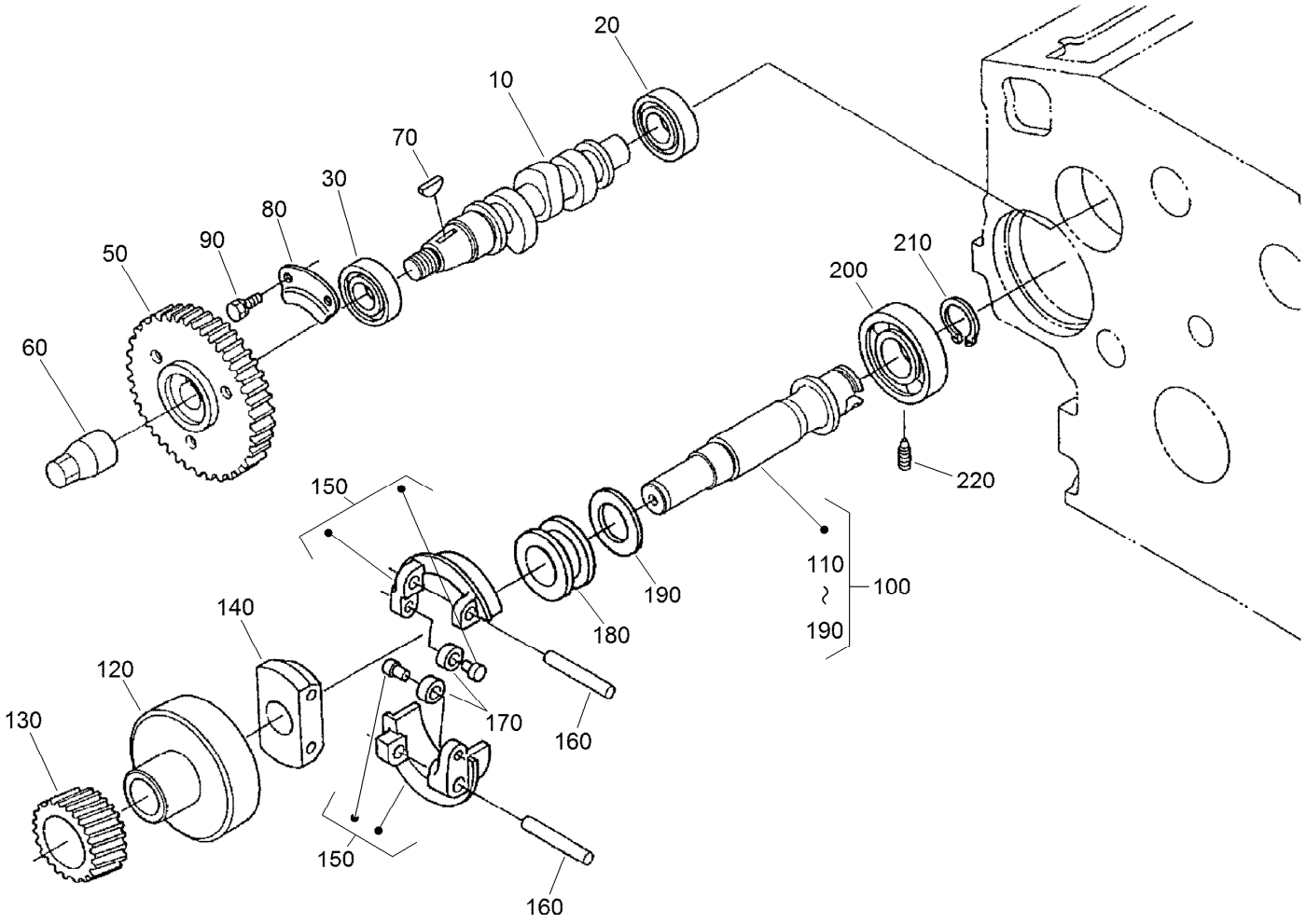
Ref.	*Part Number*	*Qty.*	*Description*
10	112-8404	4	Piston (STD)
10	112-8414	4	Piston (+0.5Mm)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (+0.5Mm)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	117-7586	4	Connecting Rod ASM
60	115-3014	4	Bushing-Pin, Piston
70	98-9517	8	Bolt-Rod, Connecting
80	98-9518	4	Metal-Crankpin (STD)
80	98-9519	4	Bearing-Rod (-0.2Mm)
80	98-9520	4	Bearing-Rod (0.4Mm)
90	105-3718	1	Crankshaft ASM
120	98-9532	1	Gear-Crankshaft
130	98-9666	1	Key
140	98-9542	1	Gear-Drive, Oil Pump
150	98-9522	1	Sleeve-Crankshaft

Ref.	*Part Number*	*Qty.*	*Description*
160	98-9521	1	Collar-Crankshaft
170	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	98-9530	3	Bearing-Main (0.2Mm)
190	98-9531	3	Bearing-Main (0.4Mm)
200	112-7045	1	Metal-Crankshaft
200	112-7039	1	Metal-Crankshaft (0.2Mm)
200	112-7040	1	Metal-Crankshaft (-0.4Mm)
210	98-9413	2	Bearing-Thrust (STD)
210	98-9414	2	Bearing-Thrust (0.2Mm)
210	98-9415	2	Bearing-Thrust (0.4Mm)
220	98-9688	2	Bearing-Thrust (STD)
220	98-9689	2	Bearing-Thrust (0.2Mm)
220	98-9690	2	Bearing-Thrust (0.4Mm)



Flywheel Assembly

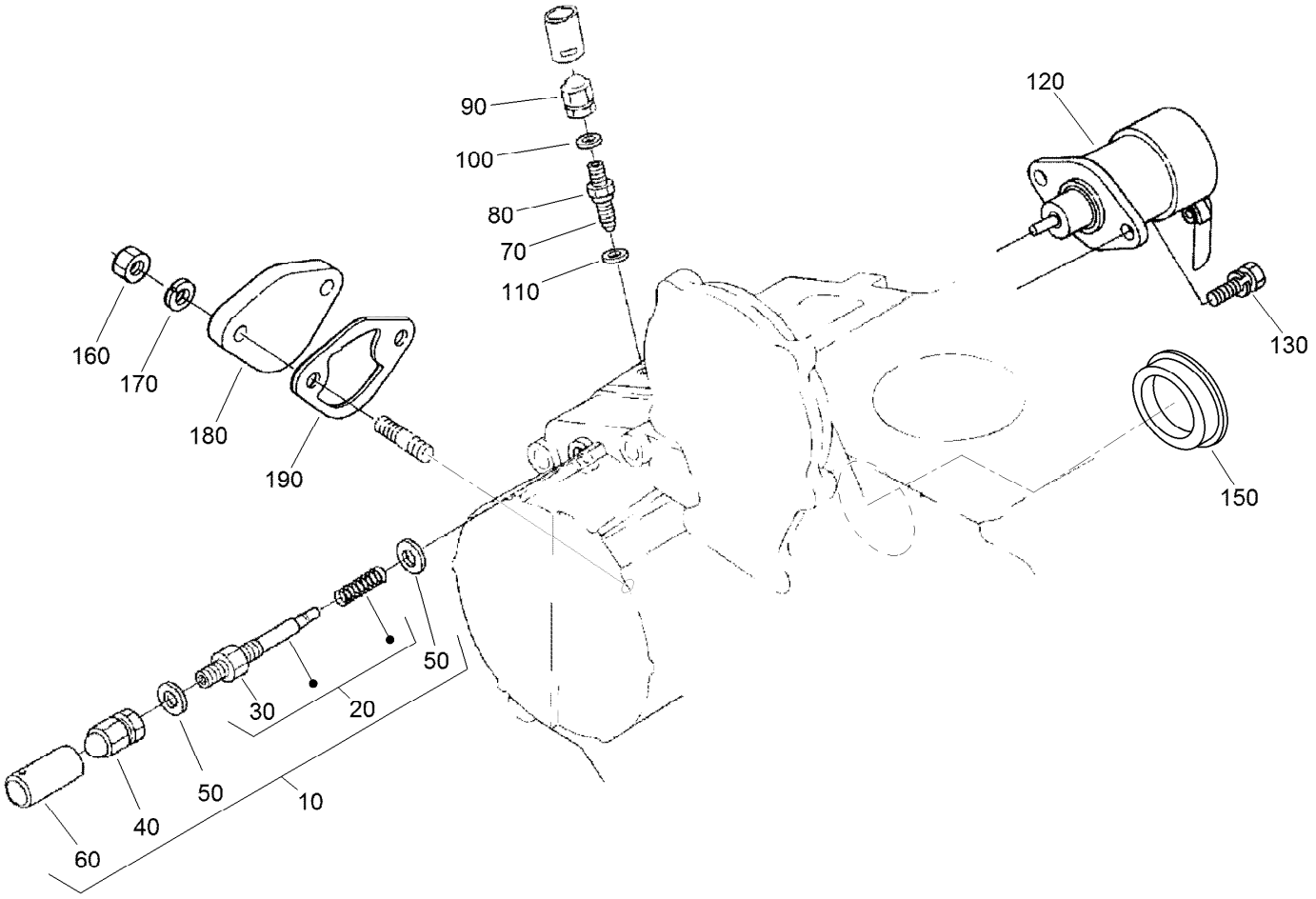
Ref.	*Part Number*	*Qty.*	*Description*
10	105-3721	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



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

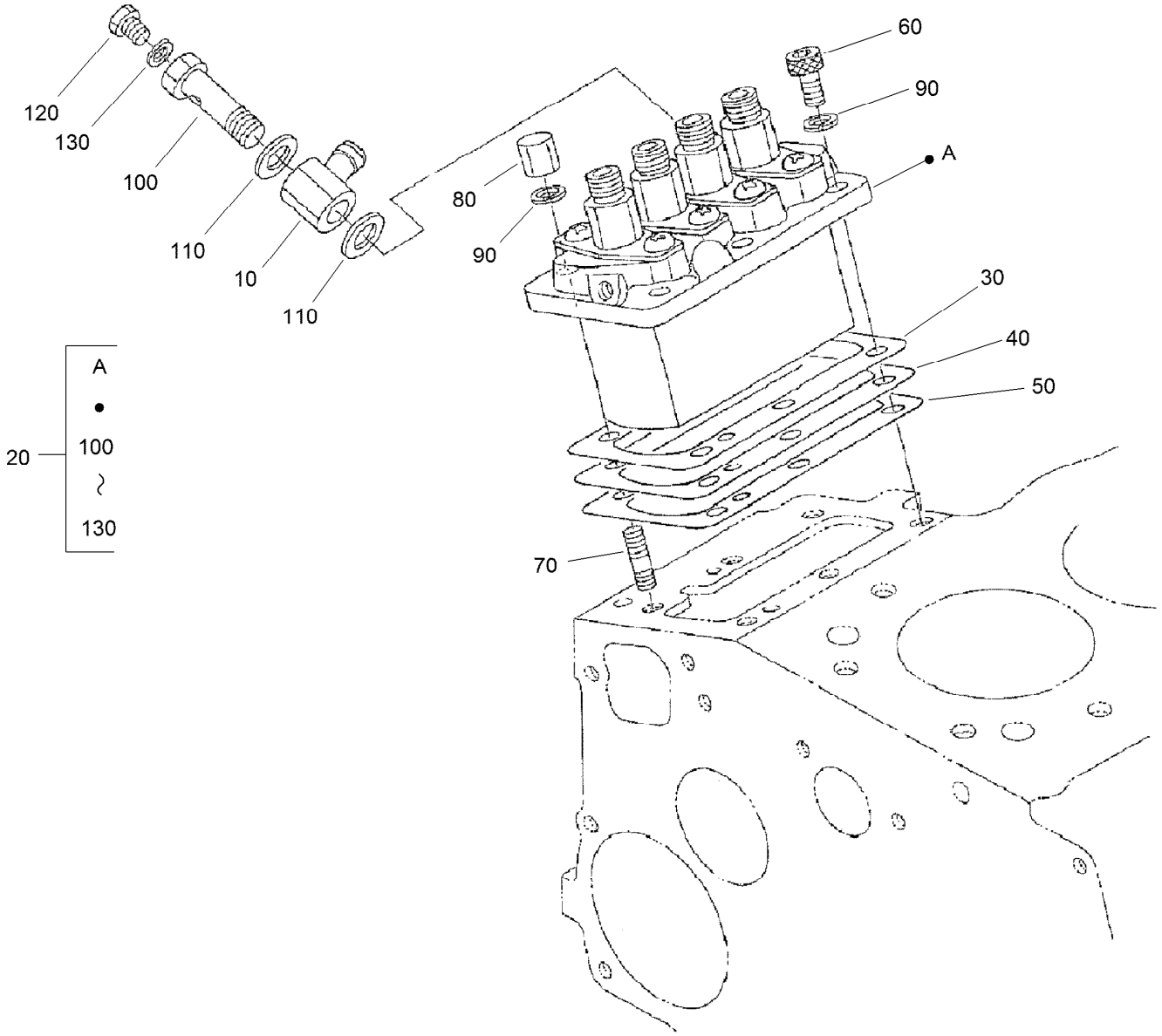
Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	98-9559	2	Governor Weight ASM
160	98-9560	2	Shaft-Weight, Governor
170	98-9692	2	Roller
180	98-9563	1	Sleeve-Governor
190	98-9564	1	Washer-Thrust
200	107-9079	1	Bearing-Ball
210	98-9657	1	Circlip-Shaft,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



Idle Apparatus Assembly

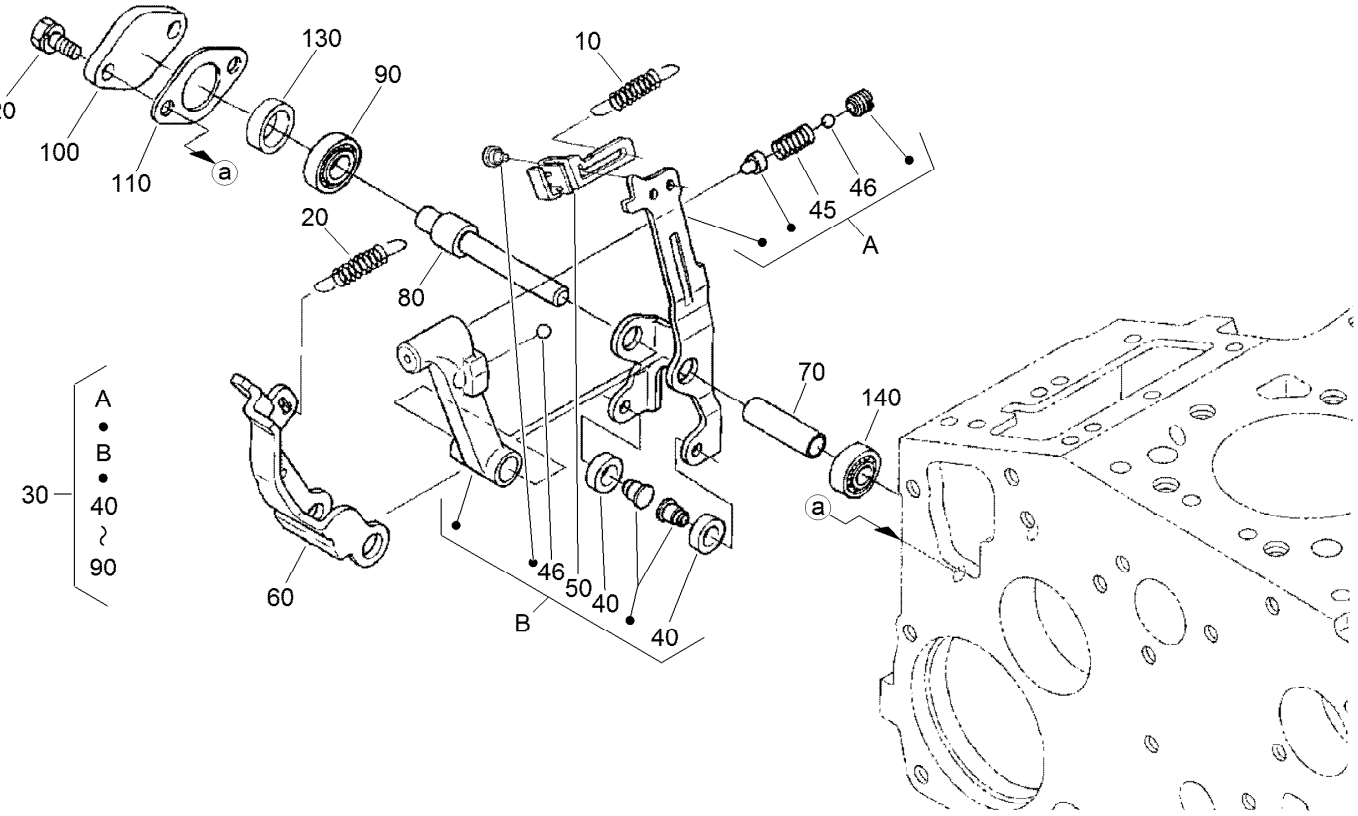
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9678	1	Idle Apparatus ASM
20	112-7014	1	Adjusting Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	99-3512	1	Nut
90	112-0181	1	Nut

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

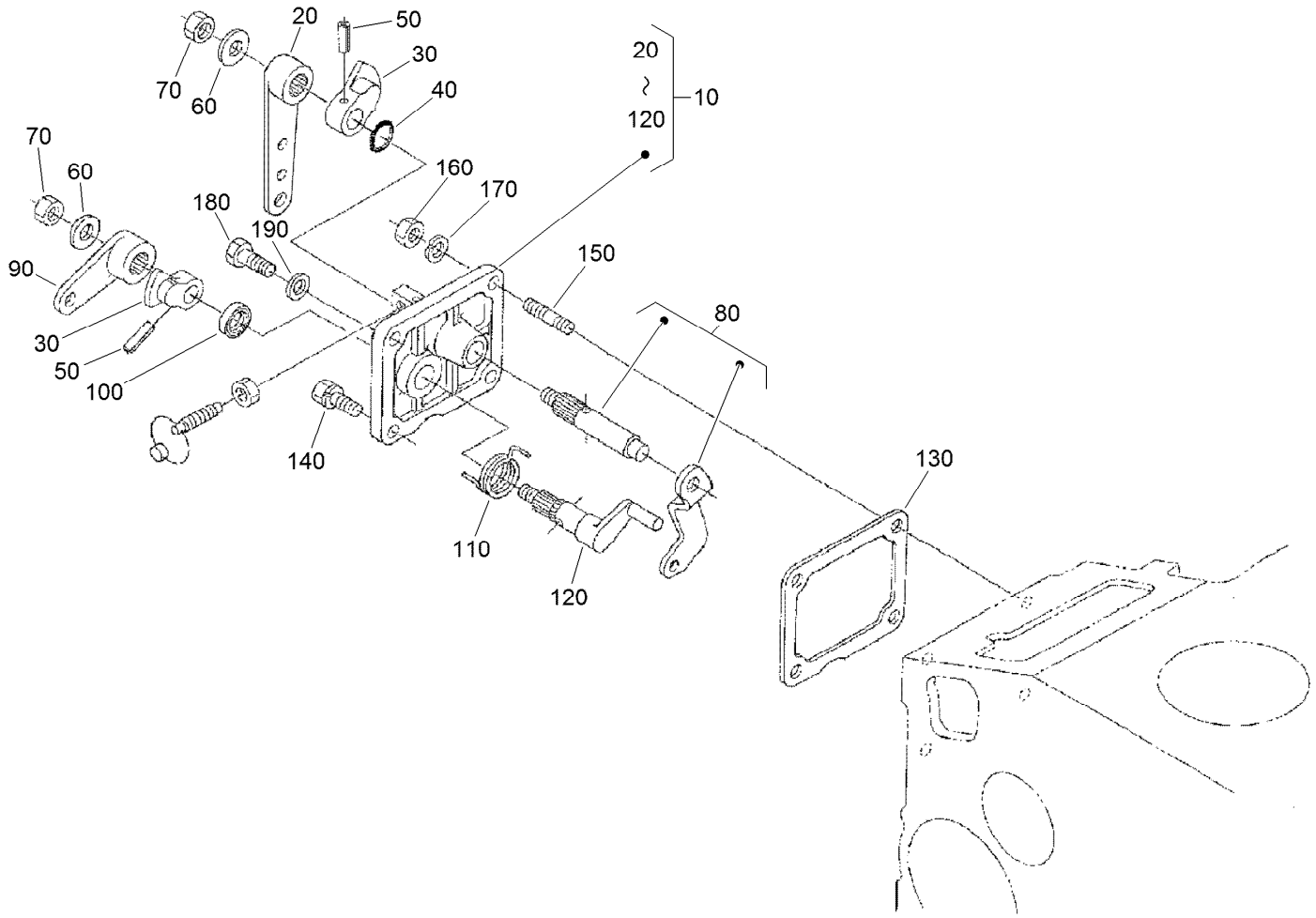
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9596	1	Joint-Eye
20	105-3727	1	Injection Pump ASM
30	105-3728	1	Shim-Pump, Injection (.20Mm)
40	105-3729	1	Shim-Pump, Injection (.25Mm)
50	105-3730	1	Shim-Pump, Injection (.30Mm)
60	98-9361	3	Bolt-HSH
70	98-9438	3	Stud
80	98-9440	3	Nut-Cap
90	98-7699	6	Washer-Spring
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	107-9082	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

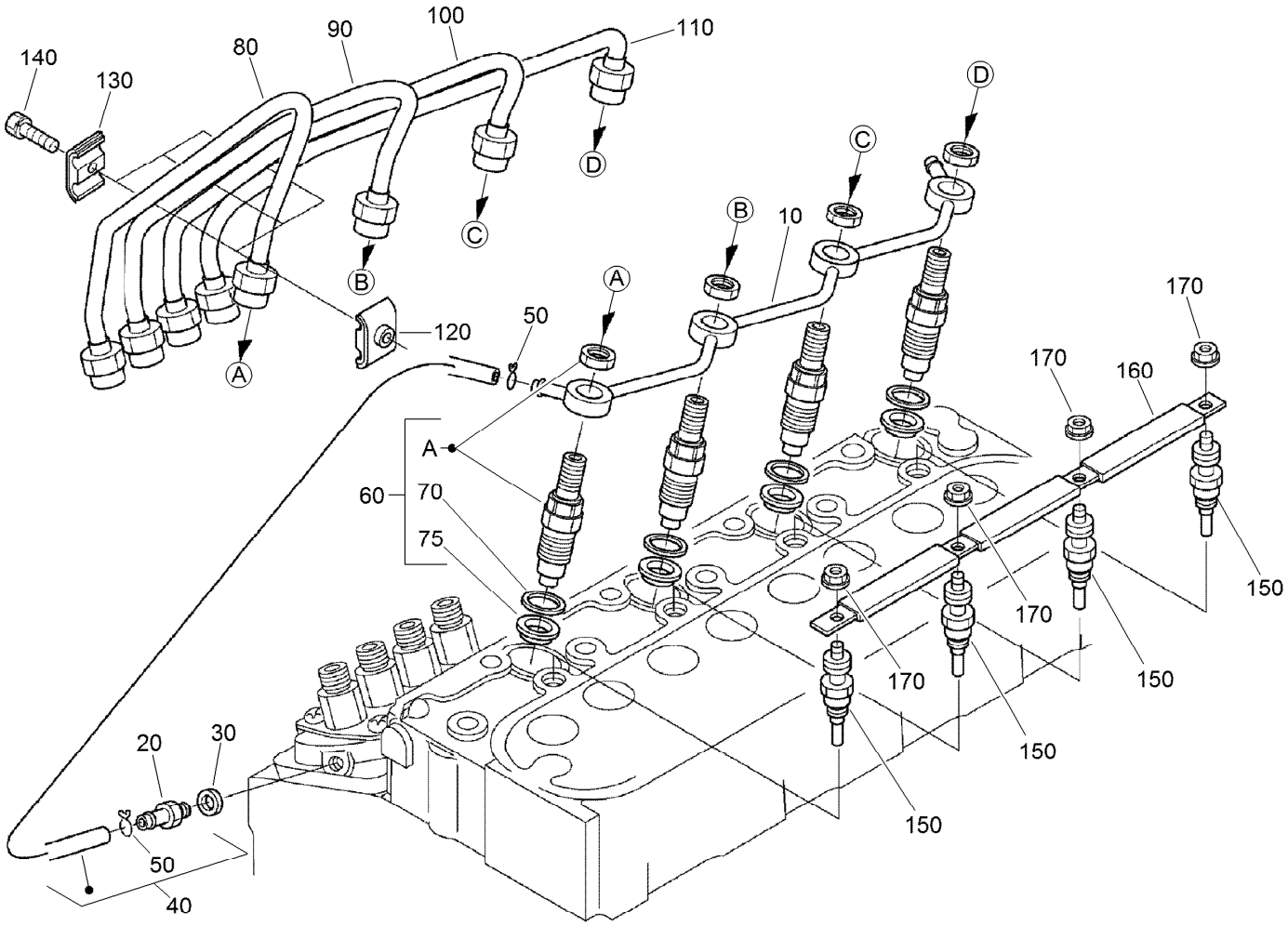
Ref.	Part Number	Qty.	Description
70	107-9085	1	Shaft-Lever, Fork
80	107-9086	1	Shaft-Lever, Fork
90	98-9570	1	Bearing-Miniaturize
100	98-9569	1	Cover-Shaft, Fork Lever
110	98-9682	1	Gasket
120	98-9350	2	Bolt
130	98-9567	1	Collar
140	98-9571	1	Bearing-Miniaturize



Speed Control Plate Assembly

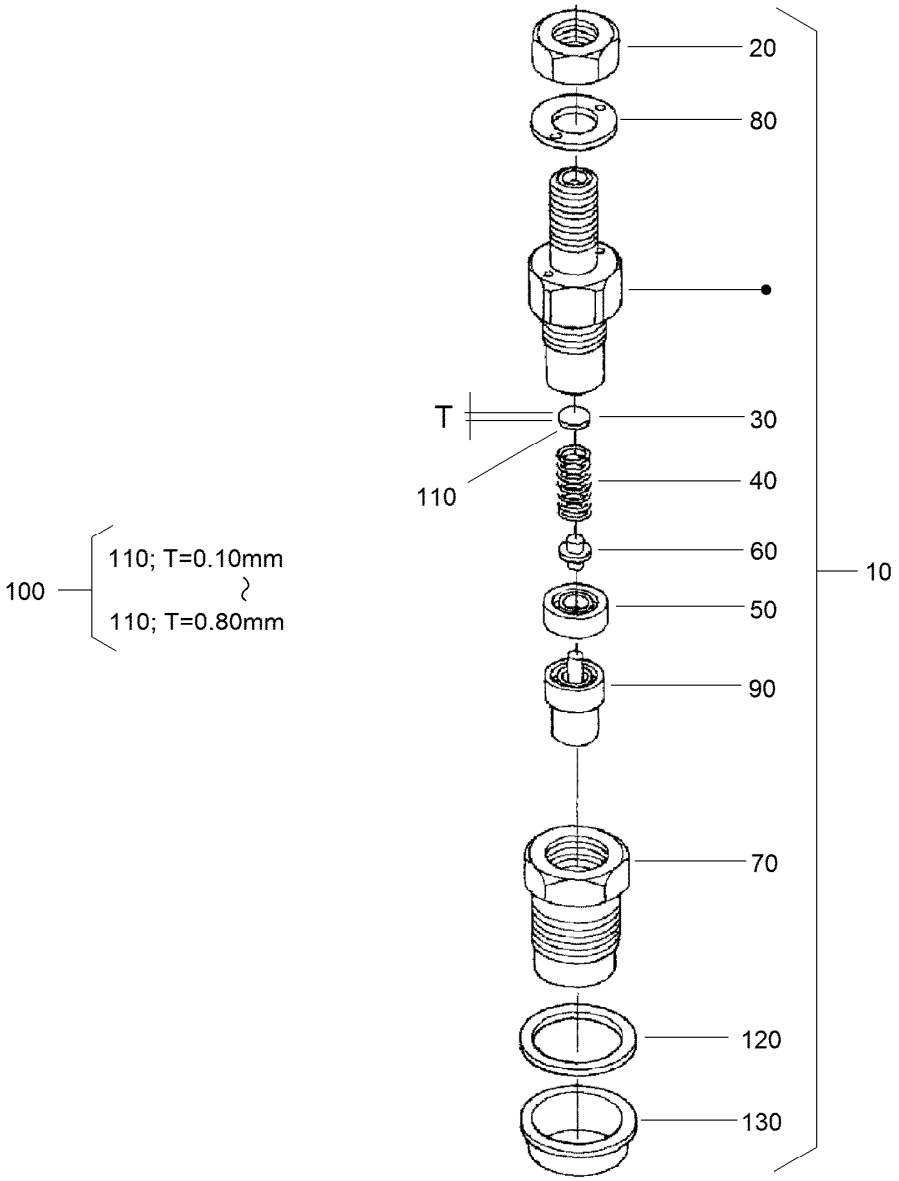
Ref.	Part Number	Qty.	Description
10	105-3735	1	Control Plate ASM
20	98-9662	1	Lever-Control, Speed
30	98-9572	2	Lever-Control, Speed
40	105-3788	1	O-Ring
50	98-7602	2	Pin-Spring
60	98-9594	2	Washer-Plain
70	98-9589	2	Nut
80	98-9658	1	Governor Lever ASM
90	98-9663	1	Lever-Stop, Engine
100	98-7601	1	Seal-Oil

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

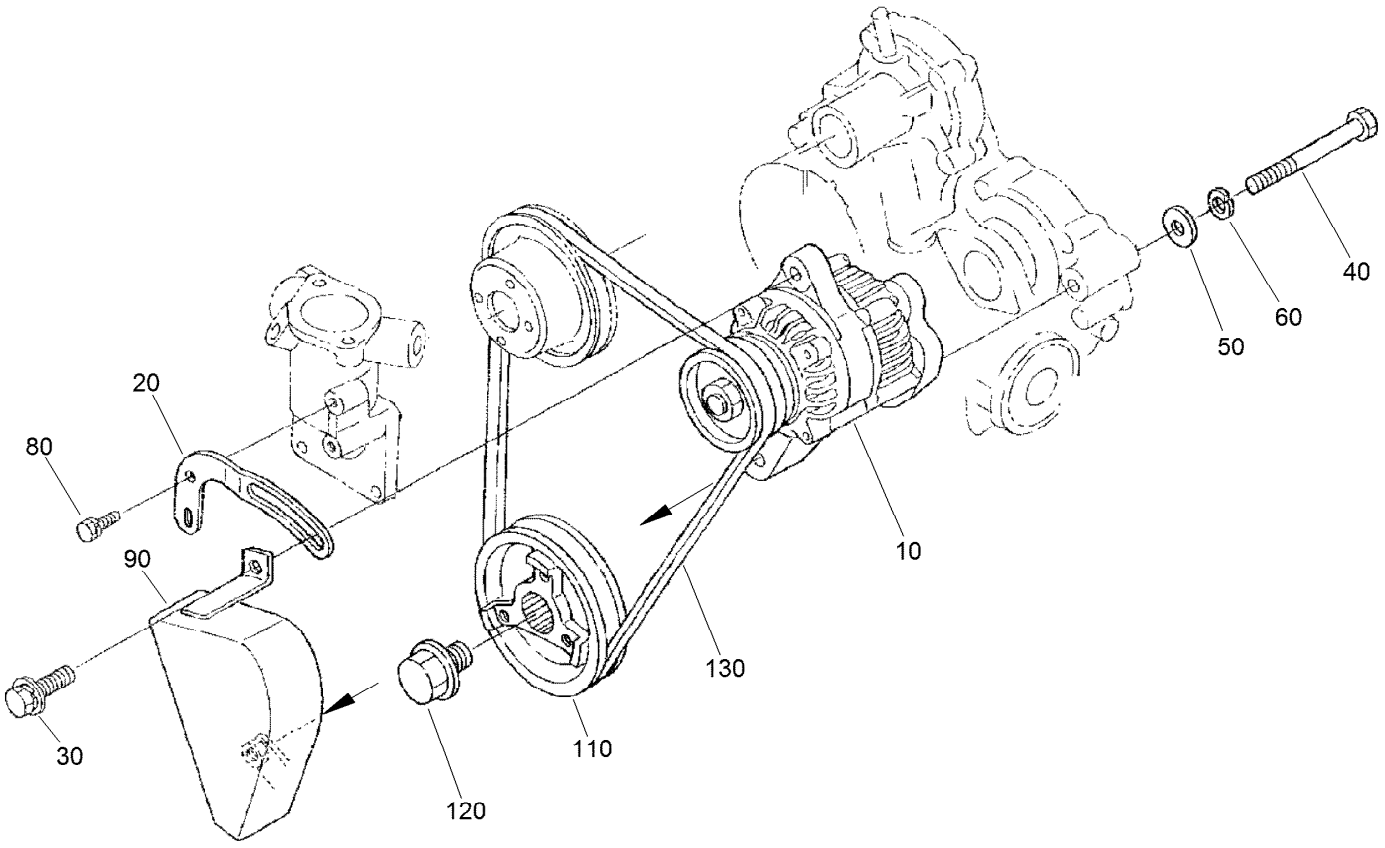
Ref.	Part Number	Qty.	Description
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
50	98-7671	2	Clip-Pipe
60	115-3018	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection
90	98-9654	1	Pipe-Injection
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

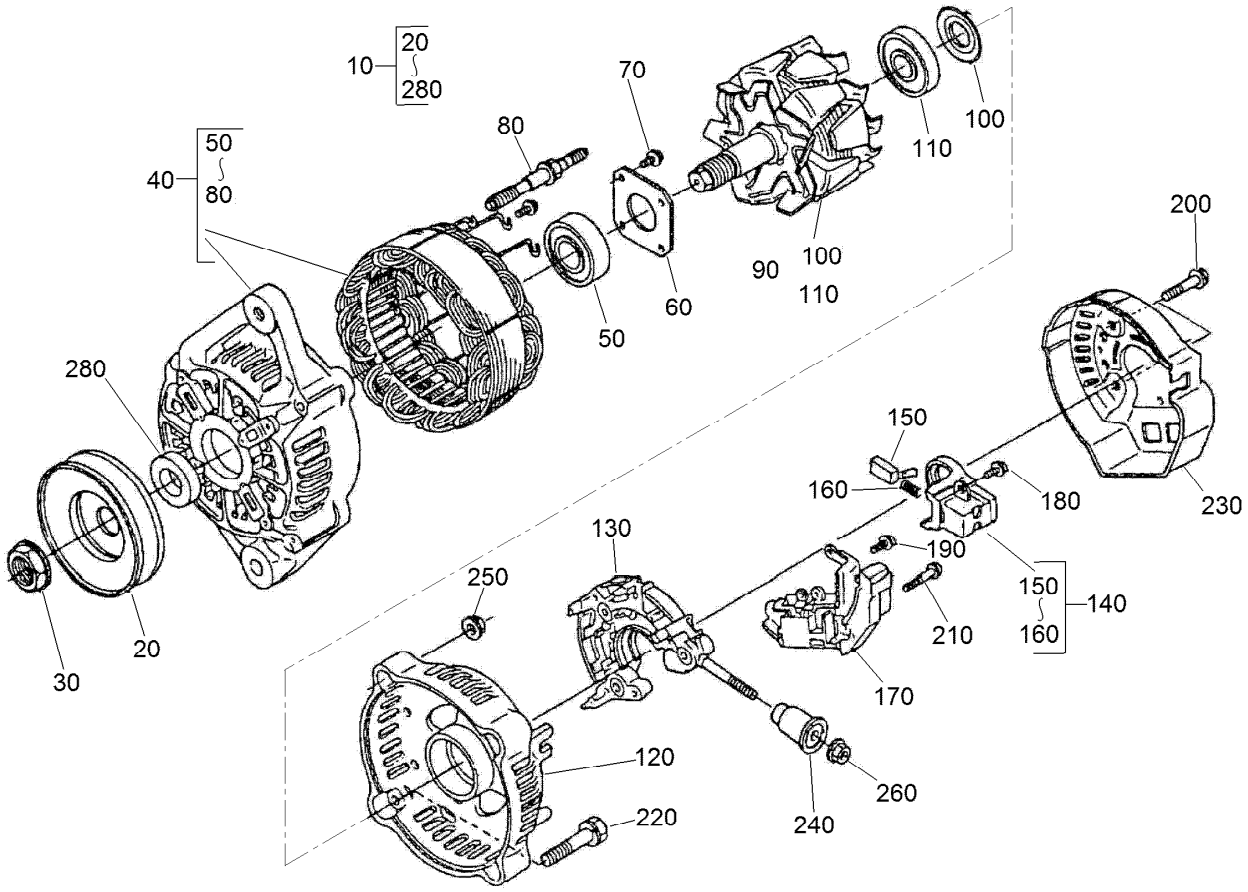
Ref.	Part Number	Qty.	Description
10	115-3018	4	Nozzle Holder Kit
20	99-8301	4	Nut
30	99-8302	4	Washer-Adjusting
40	99-8303	4	Spring-Nozzle
50	99-8304	4	Spacer-Distance
60	99-8305	4	Rod-Push
70	99-8306	4	Nut-Nozzle
80	99-8307	4	Washer-Plain
90	115-3020	4	Piece-Nozzle
100	99-8309	4	Adjusting Washer ASM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

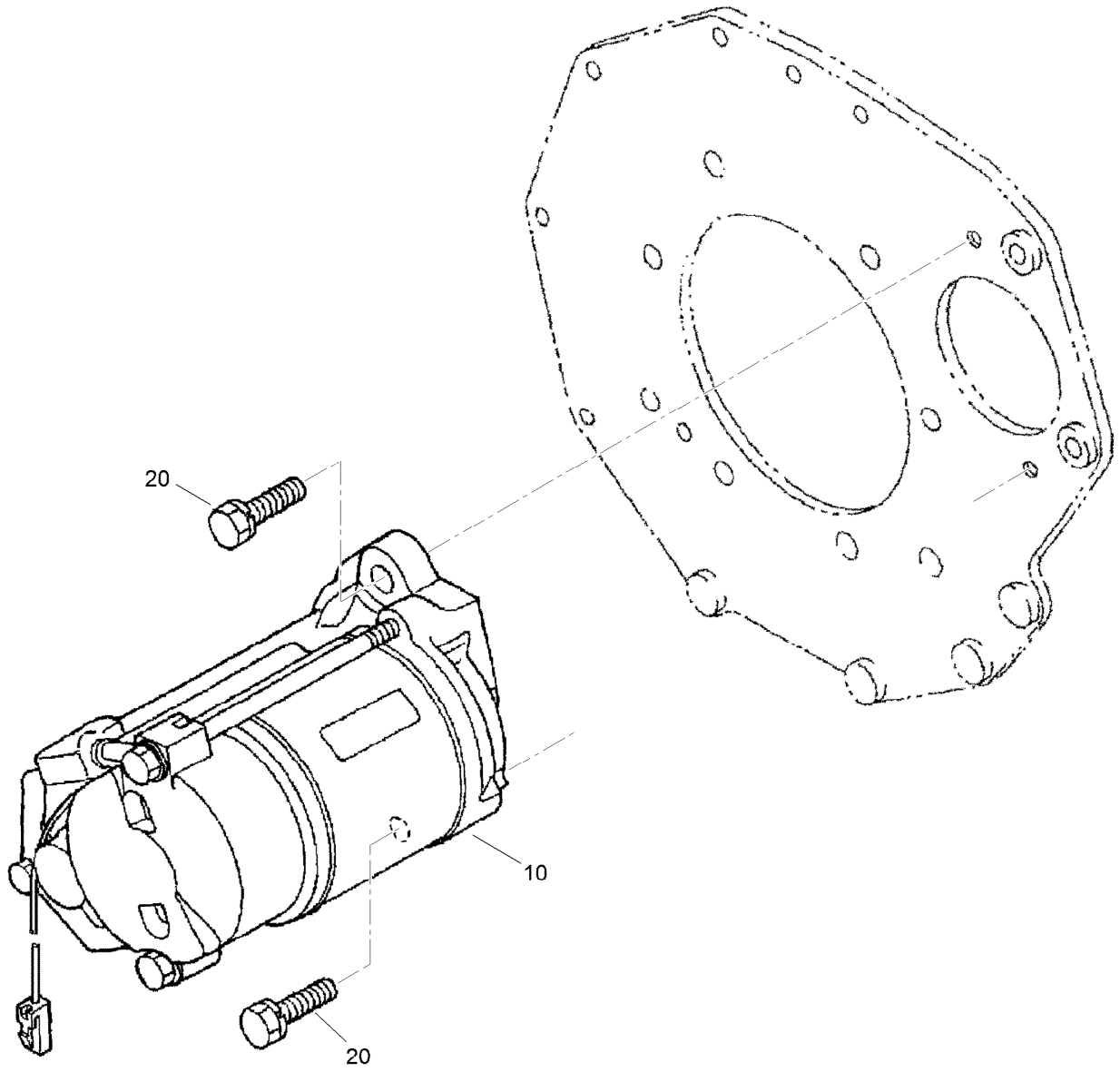
Ref.	*Part Number*	*Qty.*	*Description*
10	117-5541	1	60 Amp Alternator ASM
20	117-5542	1	Bracket
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7696	1	Washer-Plain
60	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	108-2868	1	Cover-Belt
110	105-3745	1	Pulley-Drive, Fan
120	98-9585	1	Bolt
130	98-9676	1	V-Belt



Alternator Components Assembly

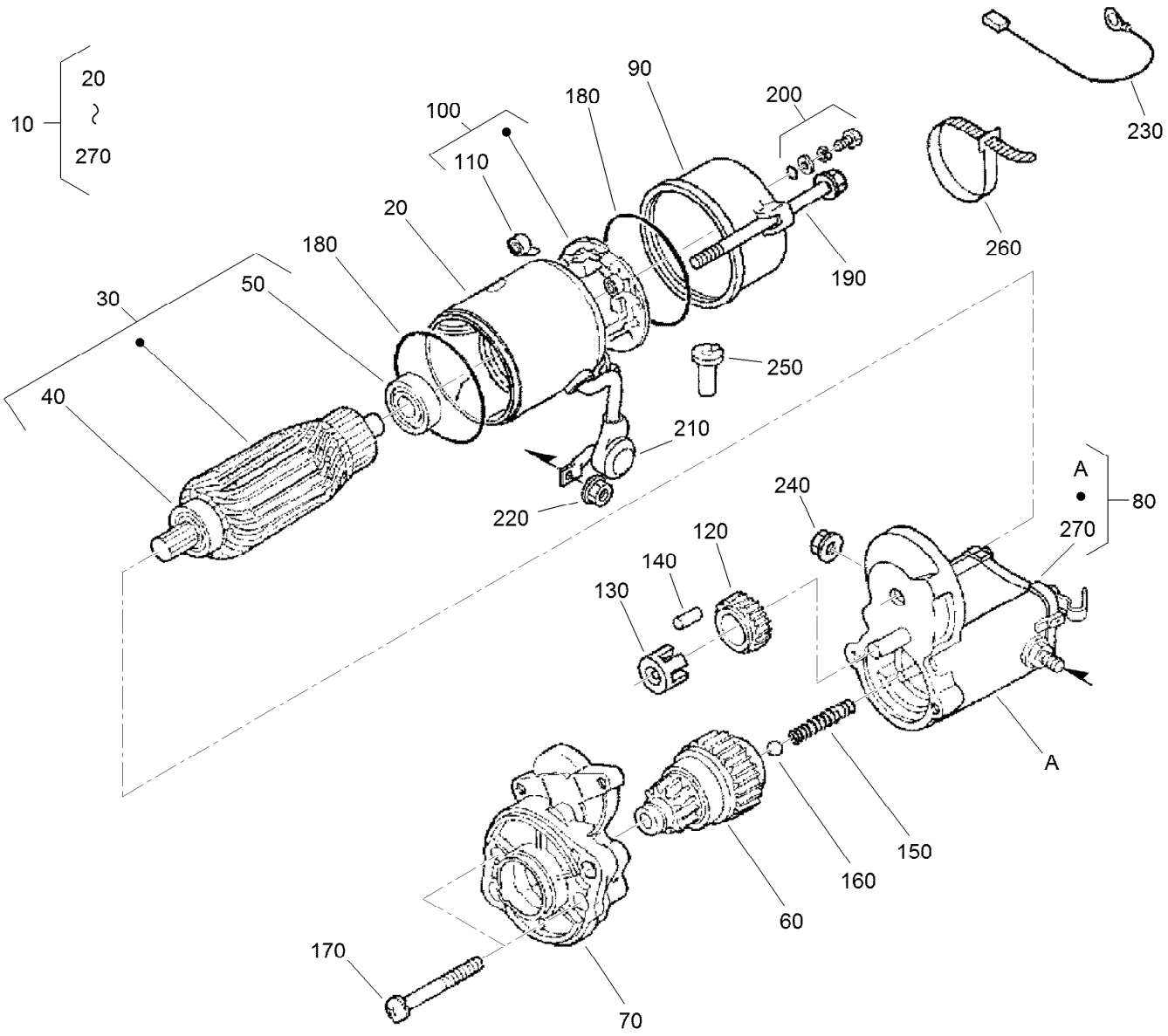
Ref.	Part Number	Qty.	Description
10	117-5541	1	60 Amp Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	133-2810	1	Frame, Drive End
50	133-2811	1	Bearing
60	98-7715	1	Plate-Retainer
70	98-7716	4	Screw-Head, Round
80	98-7717	2	Bolt-Through
90	133-2812	1	Rotor
100	98-7711	1	Cover-Bearing
110	107-0138	1	Bearing-Ball
120	133-2813	1	Frame-End
130	133-2814	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	133-2815	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	133-2816	1	Cover, End
240	133-2817	1	Bush, Insulation
250	98-7730	2	Nut
260	98-7732	1	Nut
280	98-7709	1	Collar



Starter Assembly

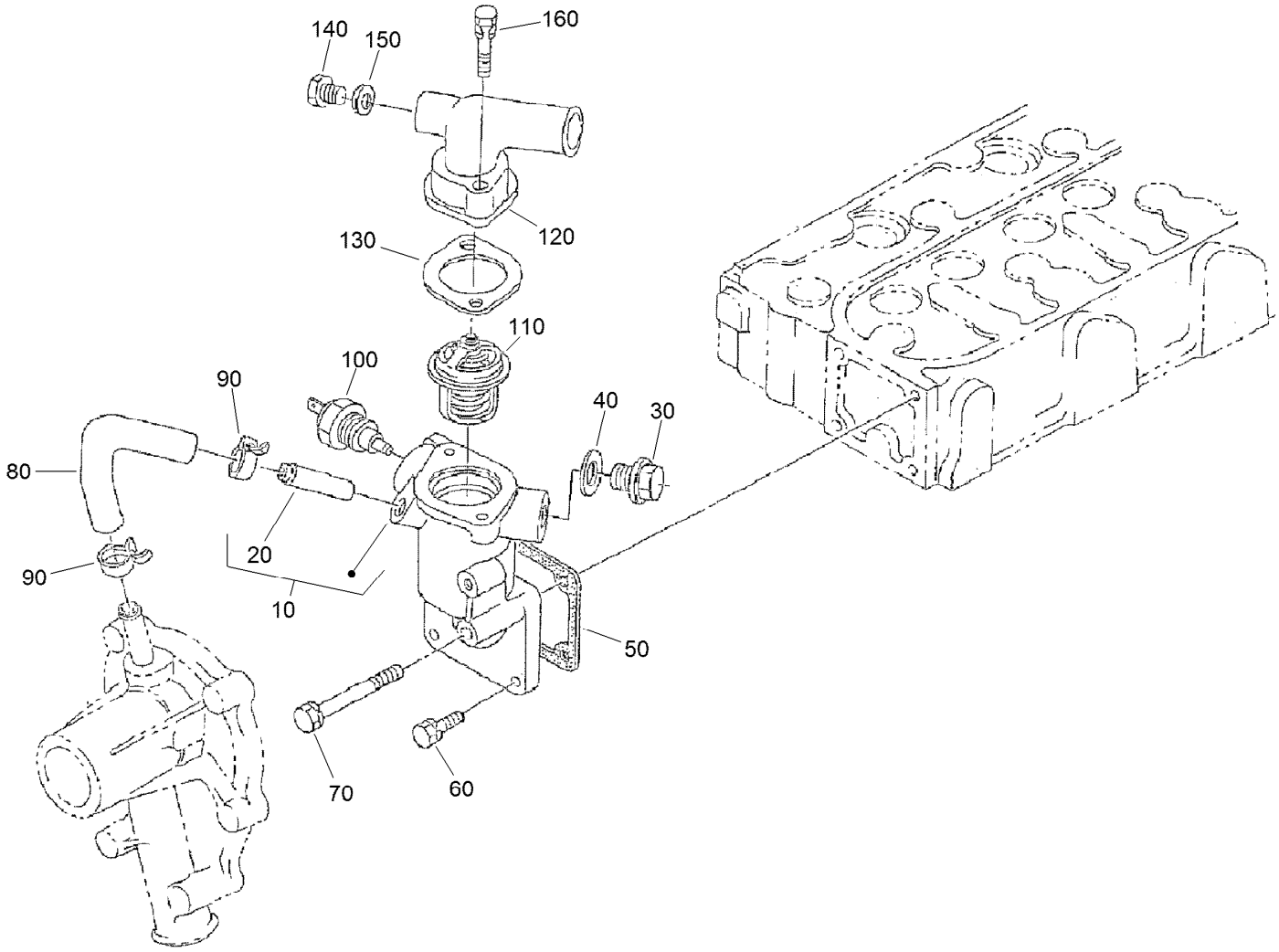
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



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

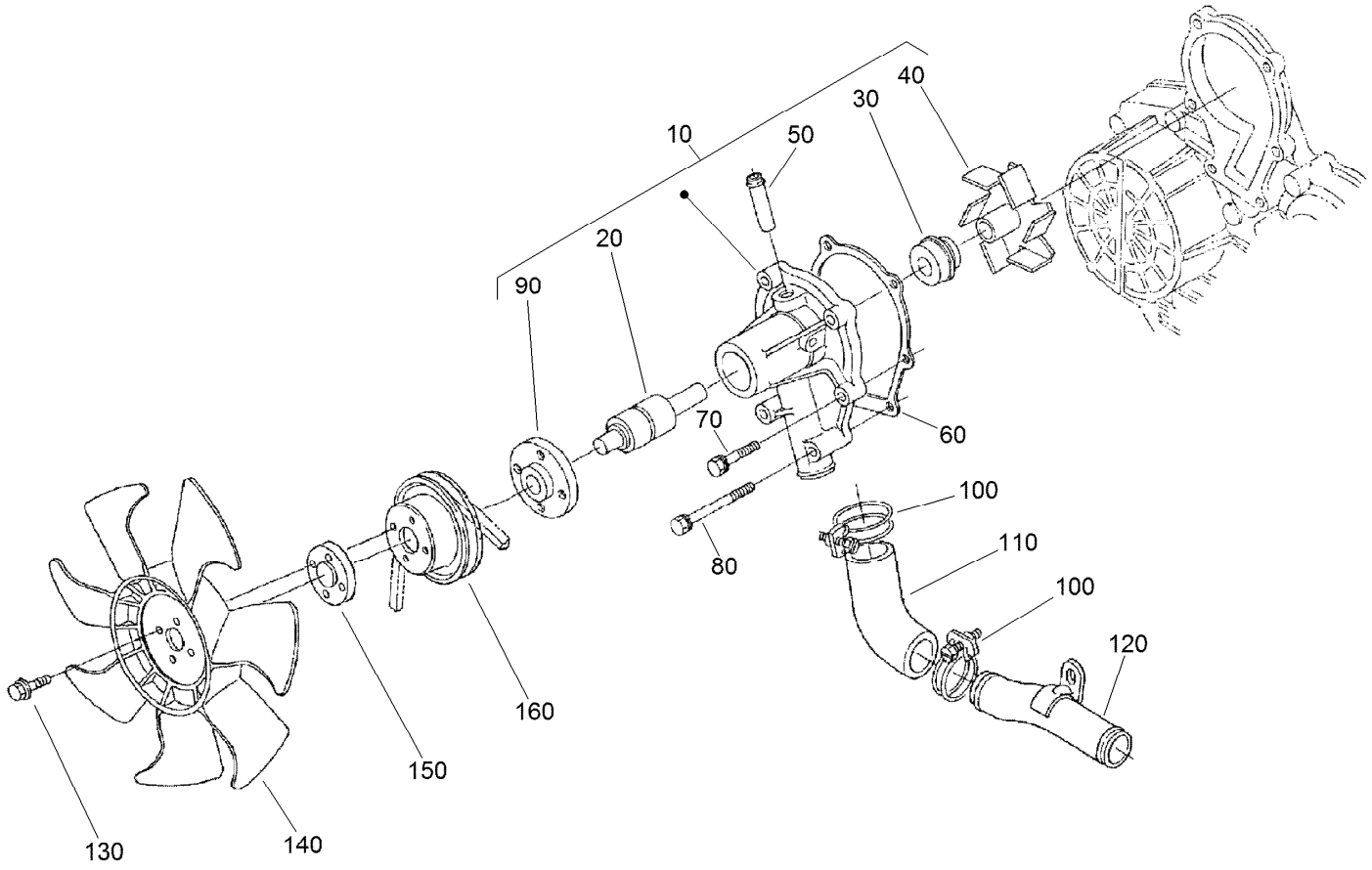
Ref.	Part Number	Qty.	Description
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover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

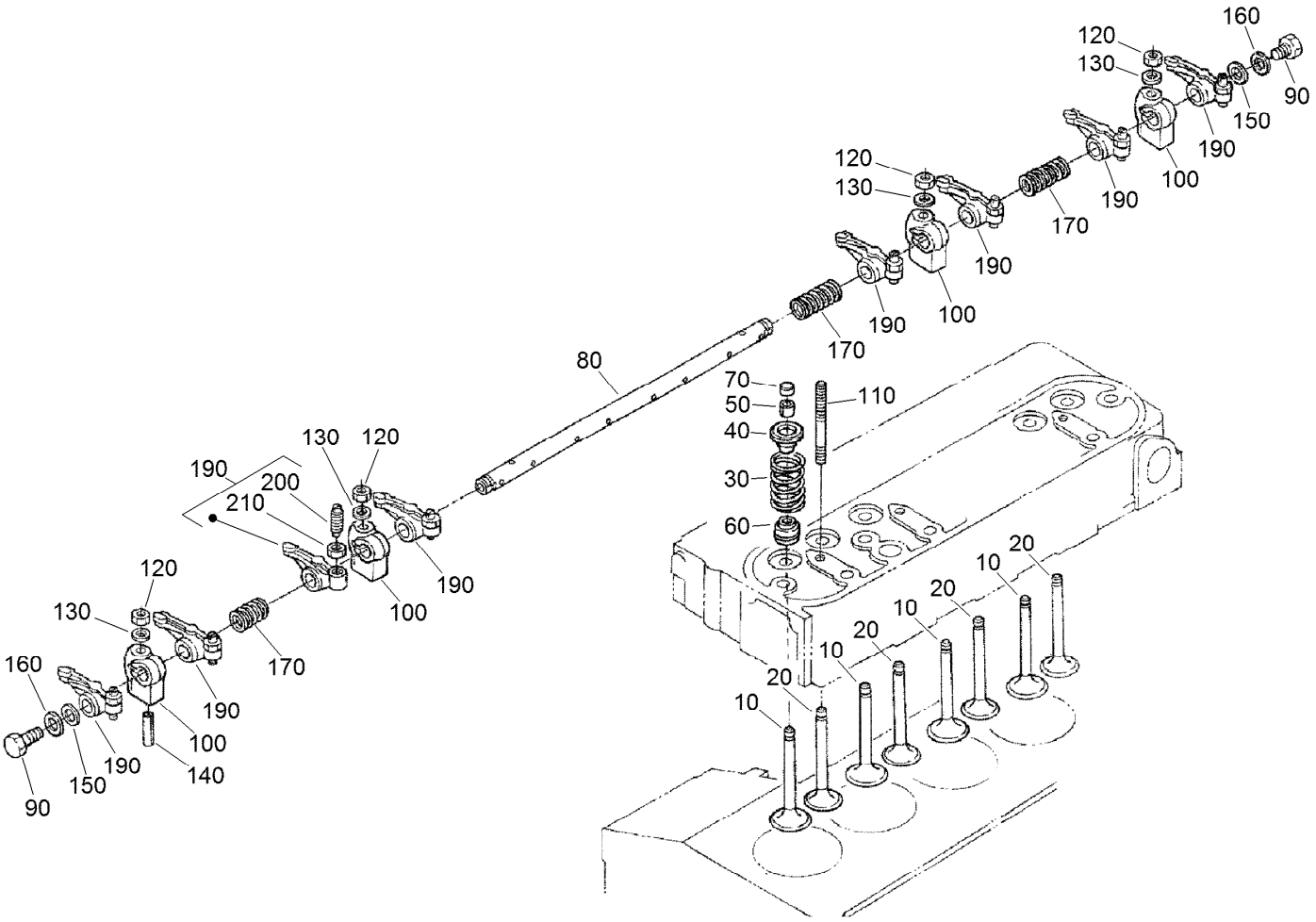
Ref.	Part Number	Qty.	Description
90	98-9579	2	Band-Pipe
100	98-9719	1	Thermoswitch
110	98-7778	1	Thermostat ASM
120	108-2869	1	Cover-Thermostat
130	105-3748	1	Gasket-Thermostat
140	108-2870	1	Plug-Drain
150	100-9155	1	Gasket
160	98-7777	2	Bolt



Water Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	107-9089	1	Water Pump ASM
20	99-3517	1	Bearing-Pump, Water
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

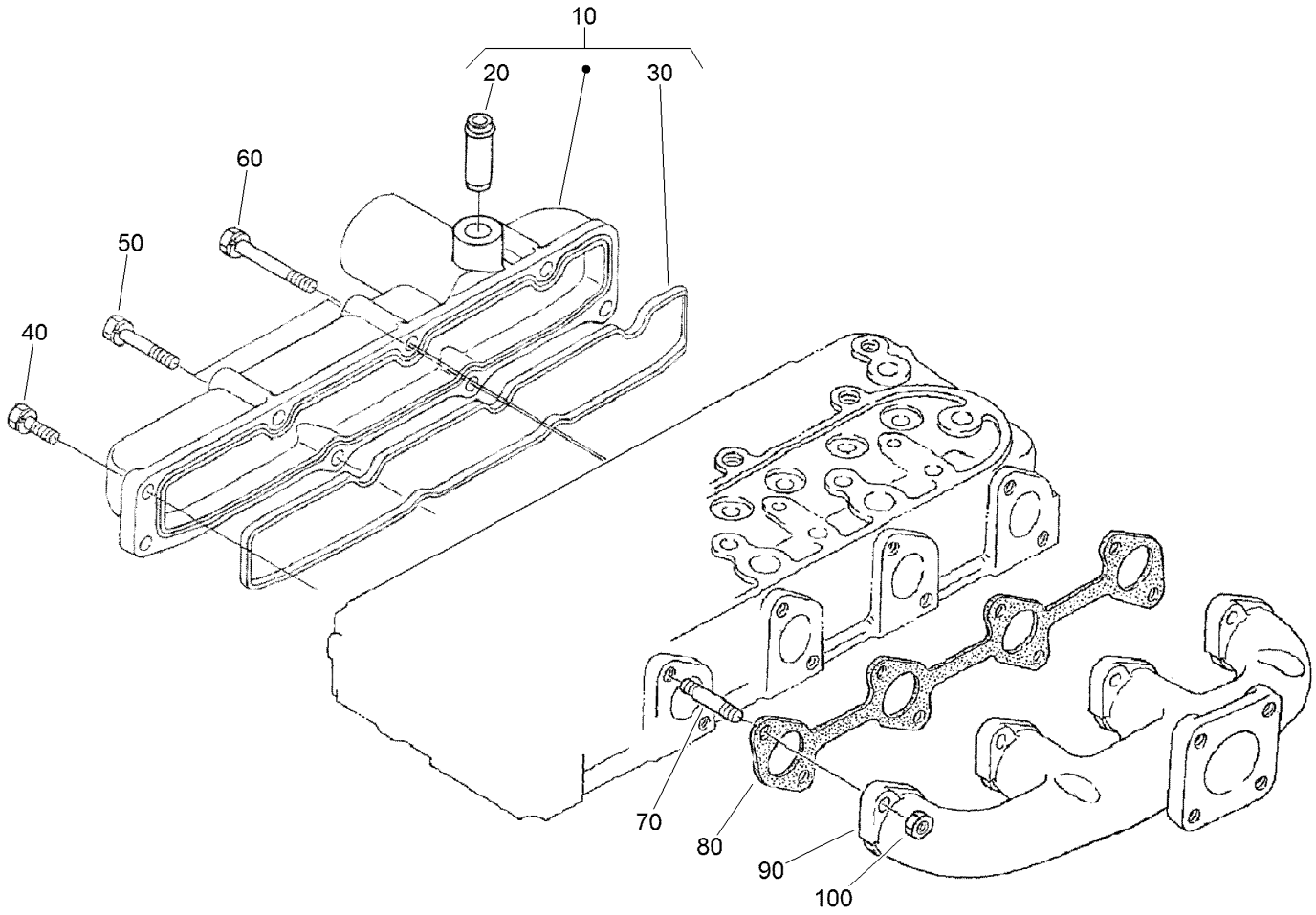
Ref.	*Part Number*	*Qty.*	*Description*
90	99-3516	1	Flange-Pump, Water
100	98-9717	2	Clamp
110	107-9091	1	Pipe-Water
120	98-9716	1	Pipe-Water
130	108-2873	4	Bolt-Flange
140	108-2871	1	Fan
150	108-2872	1	Collar-Fan
160	98-9584	1	Pulley-Fan



Valve and Rocker Arm Assembly

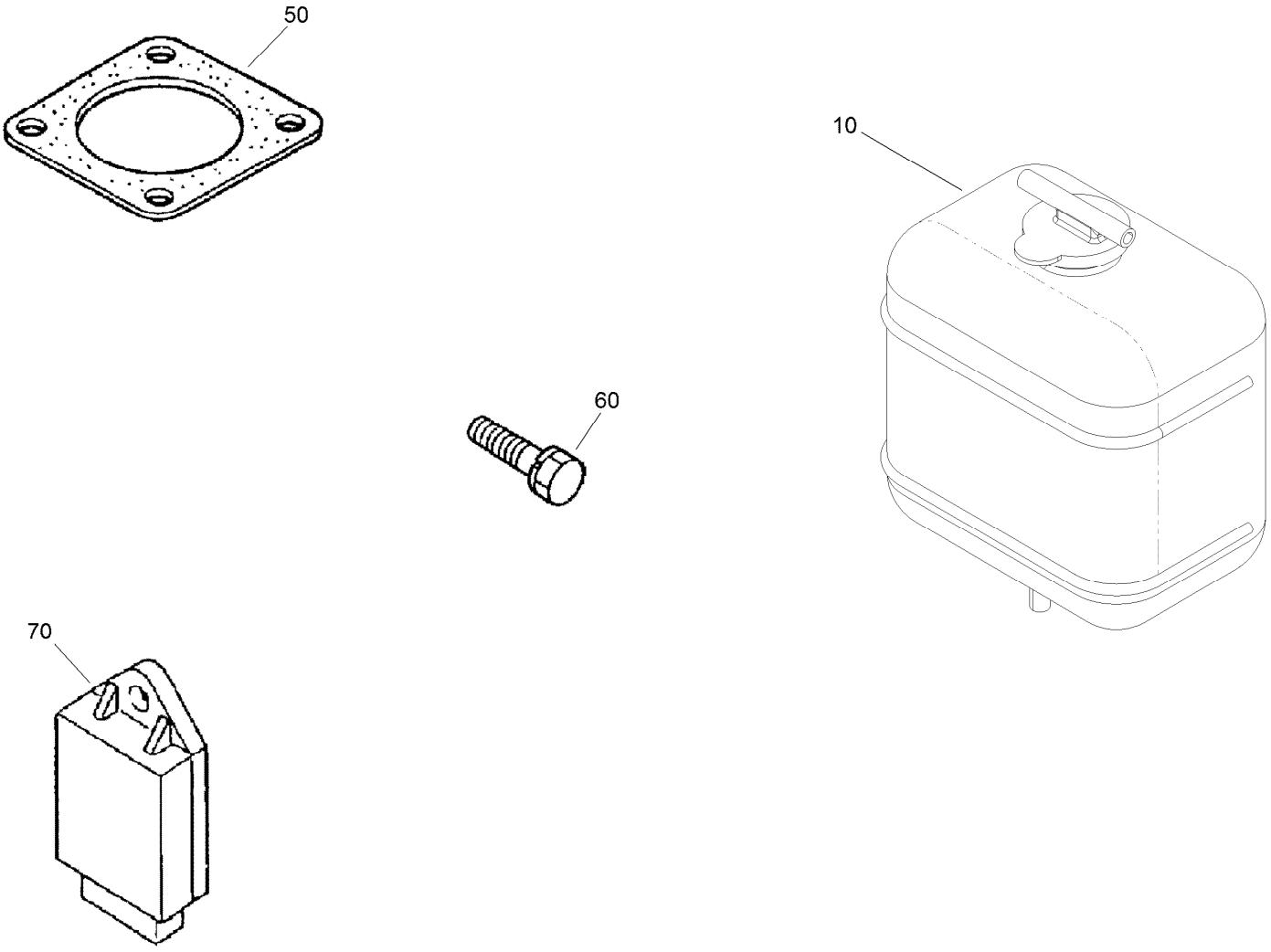
Ref.	*Part Number*	*Qty.*	*Description*
10	112-7018	4	Valve-Inlet
20	112-7021	4	Valve-Exhaust
30	98-9648	8	Spring-Valve
40	107-9092	8	Retainer-Spring
50	98-9390	8	Collet-Spring, Valve
60	99-8385	8	Seal-Stem, Valve
70	98-9497	8	Cap-Valve
80	105-3757	1	Shaft-Arm, Rocker
90	100-9265	2	Bolt
100	98-9505	4	Bracket-Arm, Rocker

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
50	98-9611	1	Gasket
60	98-7610	1	Bolt
70	98-7611	1	Controller-Glow

Attachments and Accessories

For 41393 Multi Pro 5800-D Turf Sprayer with ExcelaRate Spray System

Product Name	Model/Part
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail)	108-1178
Premium Heavy Duty All Season Gear Lube (Pail)	108-1188
Premium All Purpose Grease (Tube)	108-1190
Premium Heavy Duty All Season Gear Lube (Quart)	108-1591
Spark Arrestor	115-2919
Tire	119-6021
Beacon Kit	120-8505
License Plate Kit	120-8506
Covered Boom Spring Upgrade Kit	120-8508
Premium Engine Oil 10w30 (55 Gal)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
Wheel And Tire Asm	127-1100
Lance Suction Assembly	127-9826
Low Flow Kit	130-7258
Ultra Sonic Boom Finishing Kit	130-8229
Right Hand Step Kit	130-8230
Left Hand Step Kit	130-8231
Foam Marker Finishing Kit	130-8292
Rear Work Light Kit	41010
Single Nozzle Kit	41023
Hand Spray Wand Kit	41118
Pro Foam Concentrate (4 x 1 Gallon)	41157
Ultra Sonic Boom Leveling Kit	41219
Foam Marker Kit	41232
Drift Reduction Boom Shroud Kit	41602
Pro Control Spray System	41604
Pro-Foam	41607
EU Compliance Kit	41608
Tank Rinse Kit	41614
Pivoting Hose Reel Kit	41621
Eductor Kit	41622
CDMA RTK Correction Modem Kit, GeoLink Precision Spray System	41624
GSM RTK Correction Modem Kit, GeoLink Precision Spray System	41625
GeoLink Reference Antenna Kit	41626
Road Light / Homologation Kit	41628
X25 GeoLink Precision Spray System Kit, Serial Number 315000001 and After Multi Pro 1750 or 5800 Turf Sprayer	41630
GeoLink Spray System Finishing Kit, 2016 and After Multi Pro 5800 Turf Sprayer	41632
MP5800 Manual To Excelar Upgrade Kit	41642



Count on it.