Form No. 3372-764 Rev B

TORO®

Count on it.

Parts Catalog

Multi-Pro® 5800 Turf Sprayer

Model No. 41593—Serial No. 312000001 and Up

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

CE

3372-764 B

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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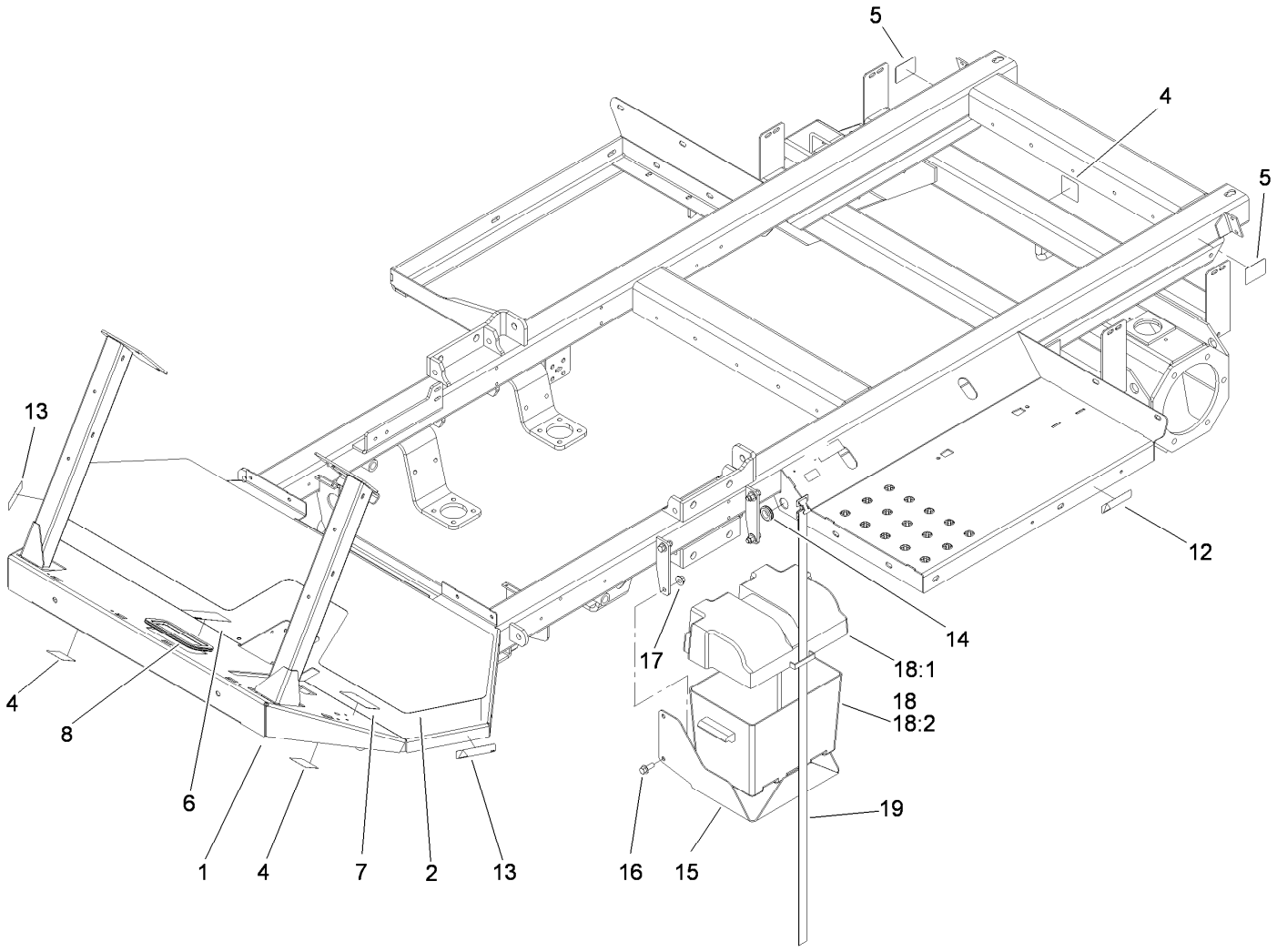
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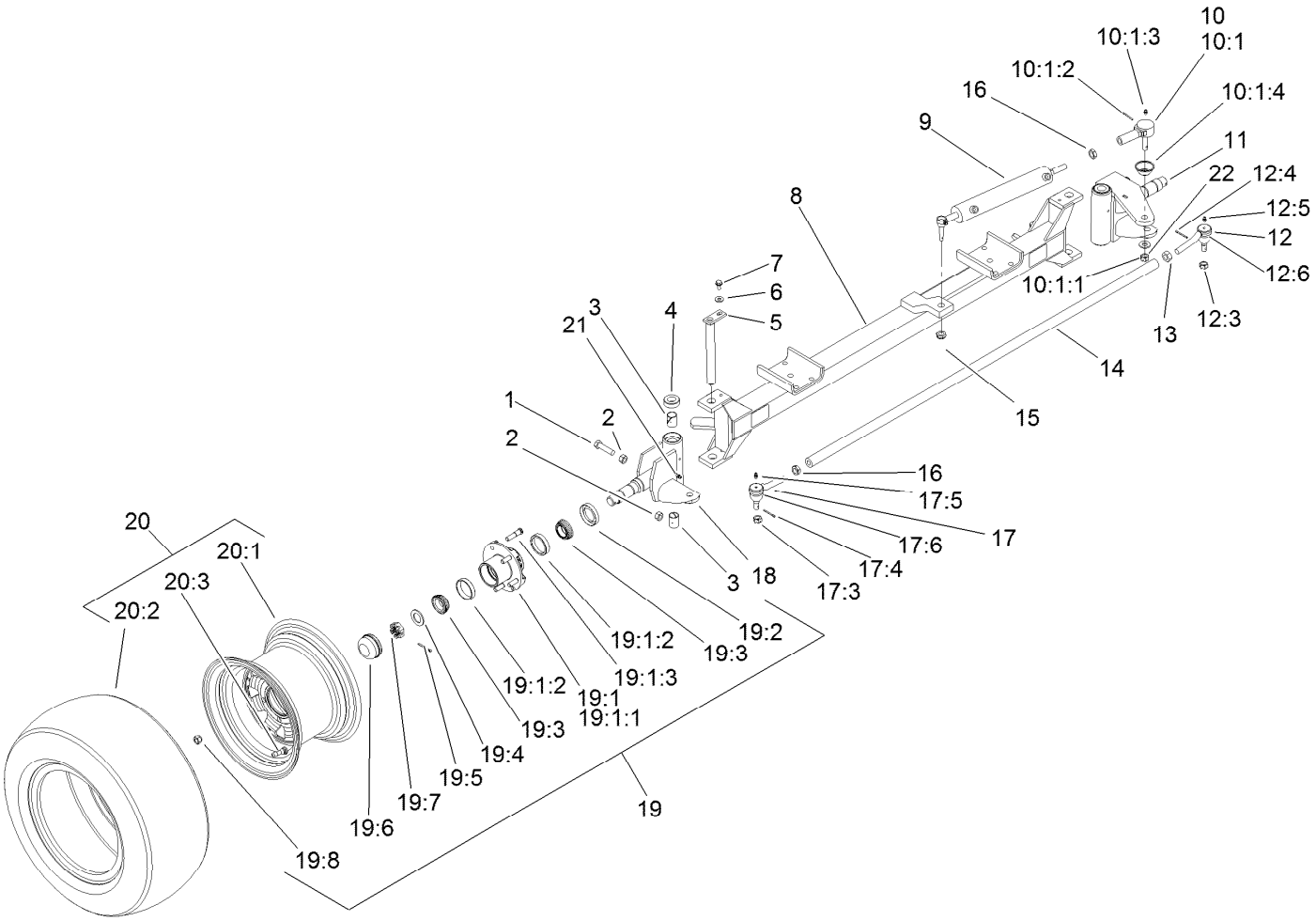
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Frame and Battery Box Assembly

Ref.	Part Number	Qty.	Description
1	117-8001-03	1	Mainframe ASM
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
7	100-8619	1	Decal-Switch, Boom
8	119-0599	1	Trim-Seal
12	107-8732	2	Decal-Torque (Ce)
13	107-8731	2	Decal-Torque (Ce)

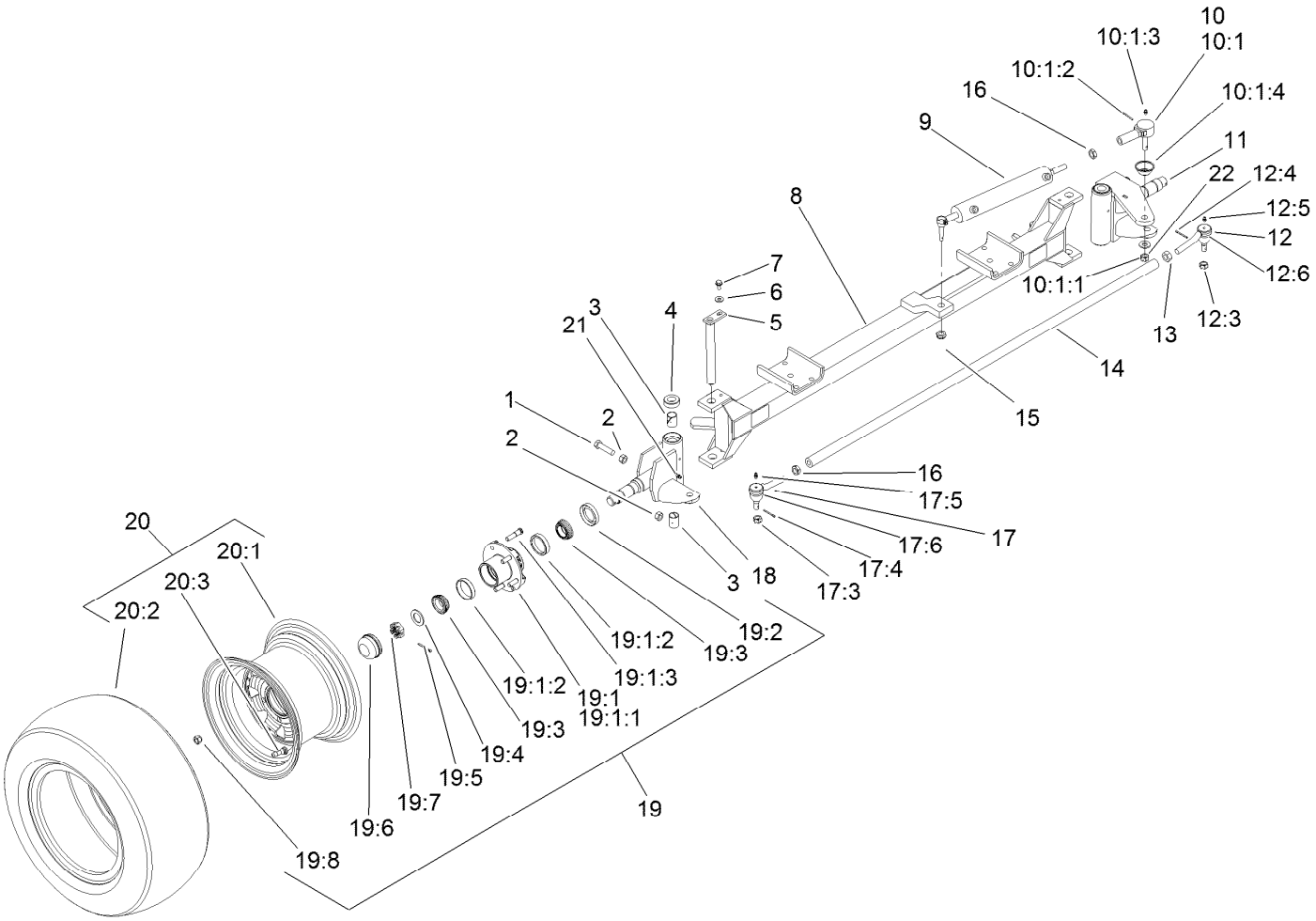
Ref.	Part Number	Qty.	Description
14	240-6	1	Grommet-Rubber
15	119-5049-03	1	Bracket-Battery
16	3234-11	4	Screw-HHF
17	32128-43	4	Nut-Flange
18	93-7595	1	Battery Box ASM
18:1	105-2914	1	Top-Battery Box
18:2	105-2915	1	Bottom-Battery Box
19	3339-175	1	Strapping-Web



Front Wheel, Tie Rod and Spindle Assembly

Ref.	Part Number	Qty.	Description
1	01-182-0816	2	TAP 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	120-8528-03	1	Fron Axle ASM
9	93-6510	1	Cylinder ASM
10	93-6509-03	1	Tie Rod End ASM
10:1		1	Tie Rod End ●
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	3296-57	1	Nut-Lock, NI
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
19:1	119-6001	1	Hub ASM
19:1:1		1	Hub ●
19:1:2	254-61	2	Cup-Bearing, Roller
19:1:3	69-2990	5	Stud-Wheel

● Not serviced separately

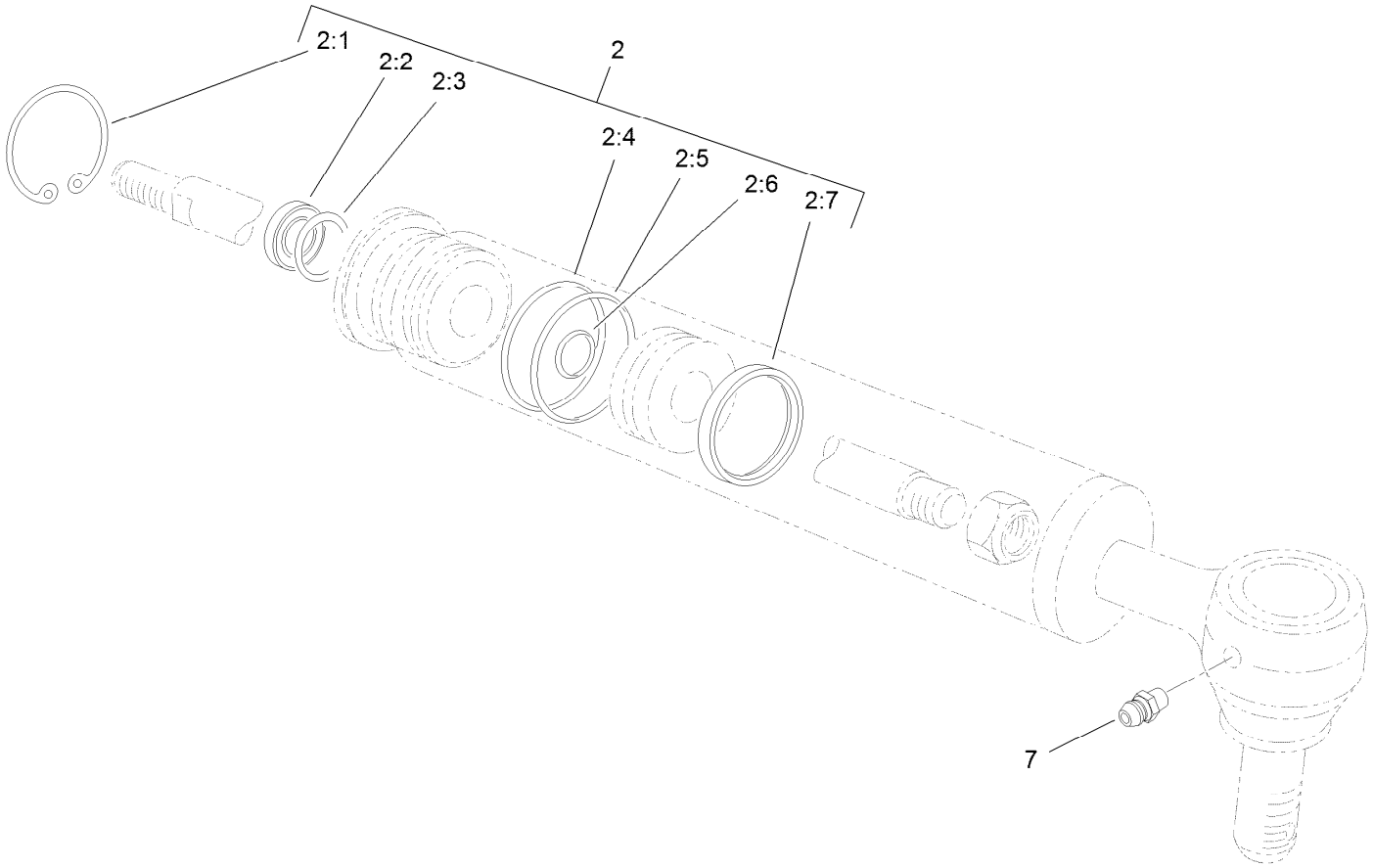


Front Wheel, Tie Rod and Spindle Assembly (continued)

Ref.	Part Number	Qty.	Description
19:2	94-7285	1	Seal
19:3	254-62	2	Bearing-Roller, Cone
19:4	85-5770	1	Washer-Thrust
19:5	3272-18	1	Pin-Cotter
19:6	119-6004	1	Cap-Dust
19:7	119-6005	1	Nut-Slotted, Hex
19:8	242-35	5	Nut-Wheel

Ref.	Part Number	Qty.	Description
20	119-6020	2	Tire And Wheel ASM
20:1	119-6022	1	Wheel
20:2	119-6021	1	Tire
20:3	232-27	1	Stem-Valve
21	302-5	2	Fitting-Grease
22	65-6390	1	Washer-Thrust, Plain

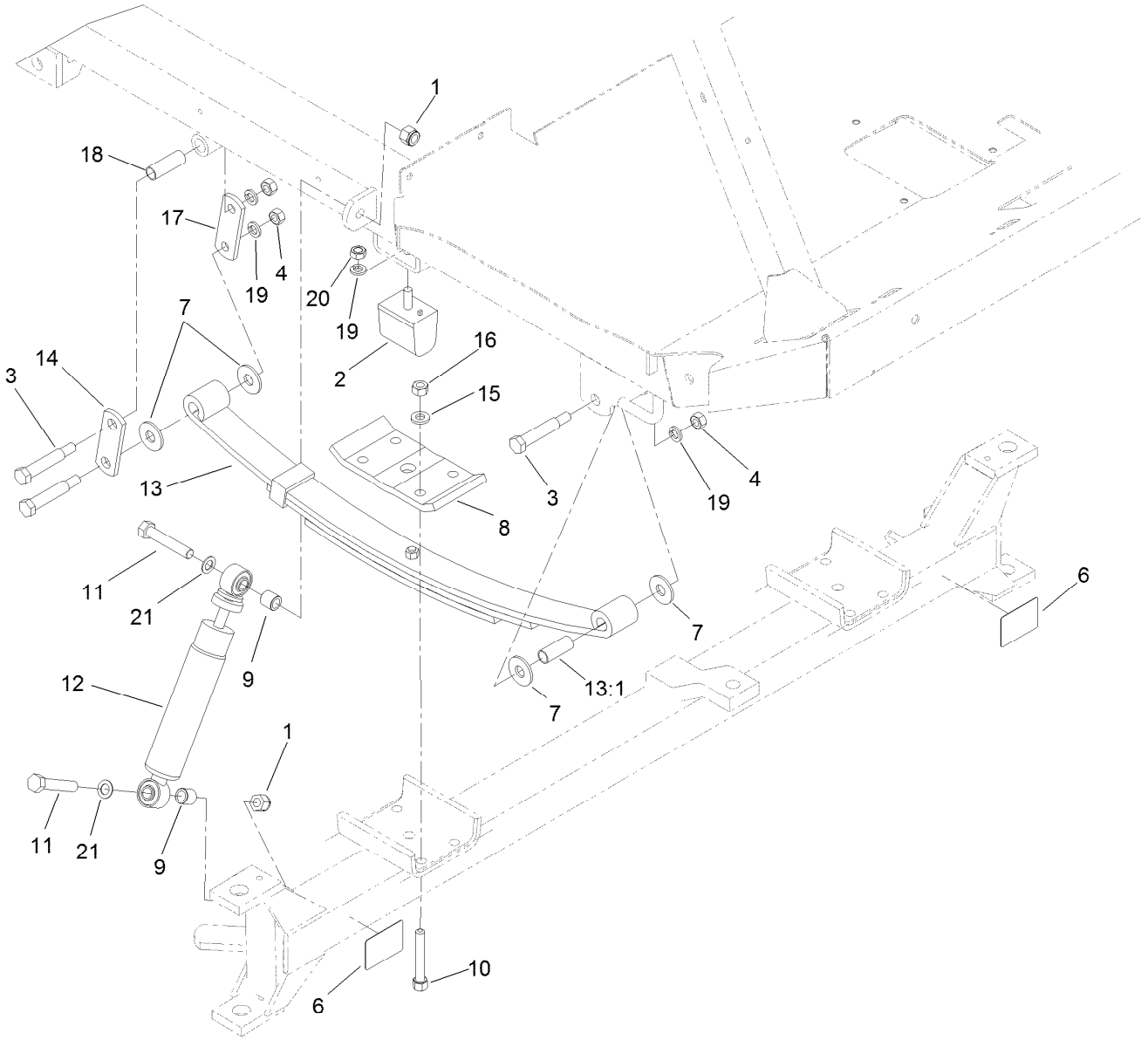
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Hydraulic Cylinder Assembly No. 93-6510

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

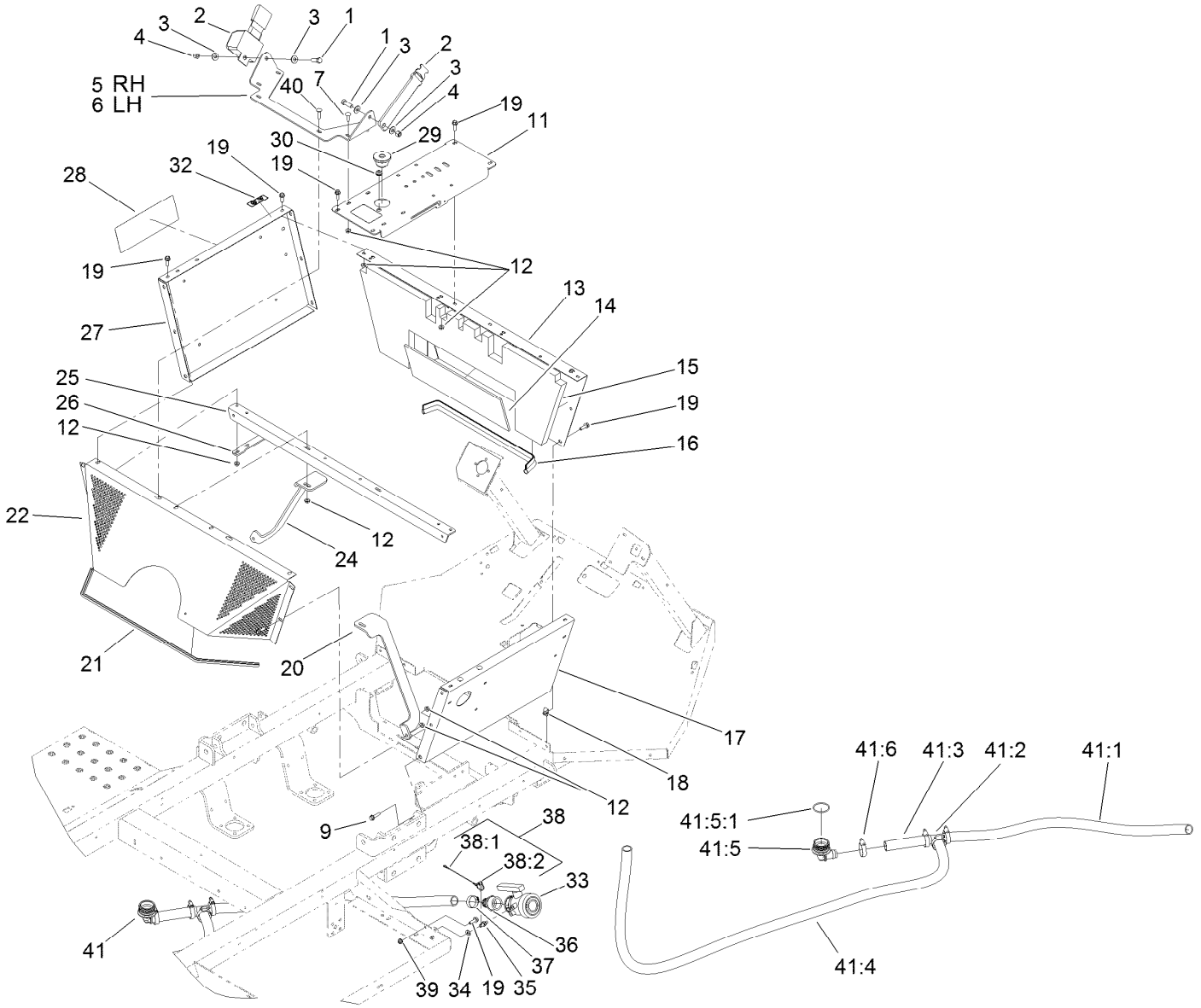
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Front Suspension Assembly

Ref.	Part Number	Qty.	Description
1	3296-19	4	Nut-Hex
2	87-3470	2	Bumper-Axle, Rear
3	110-5072	6	Bolt-Shoulder
4	3217-8	6	Nut-Hex
6	107-8667	2	Decal-Jacking
7	93-6161	8	Washer
8	120-8516-03	2	Plate-Top, Spring
9	108-8483	4	Spacer-Plain
10	26-0672	8	Bolt-Blade
11	3213-8	4	Screw-HH
12	112-7824	2	Shock Absorber ASM

Ref.	Part Number	Qty.	Description
13	99-0570	2	Spring-Leaf
13:1	119-9437	2	Bushing-Leaf Spring
14	42574	2	Shackel-Outside
15	87-7480	8	Washer
16	106-0327	8	Nut-Hex
17	42576	2	Shackel-Inside
18	42592	2	Bushing-Shackle
19	3253-6	8	Washer-Lock
20	93-6166	2	Nut-Hex
21	100-7336	4	Washer

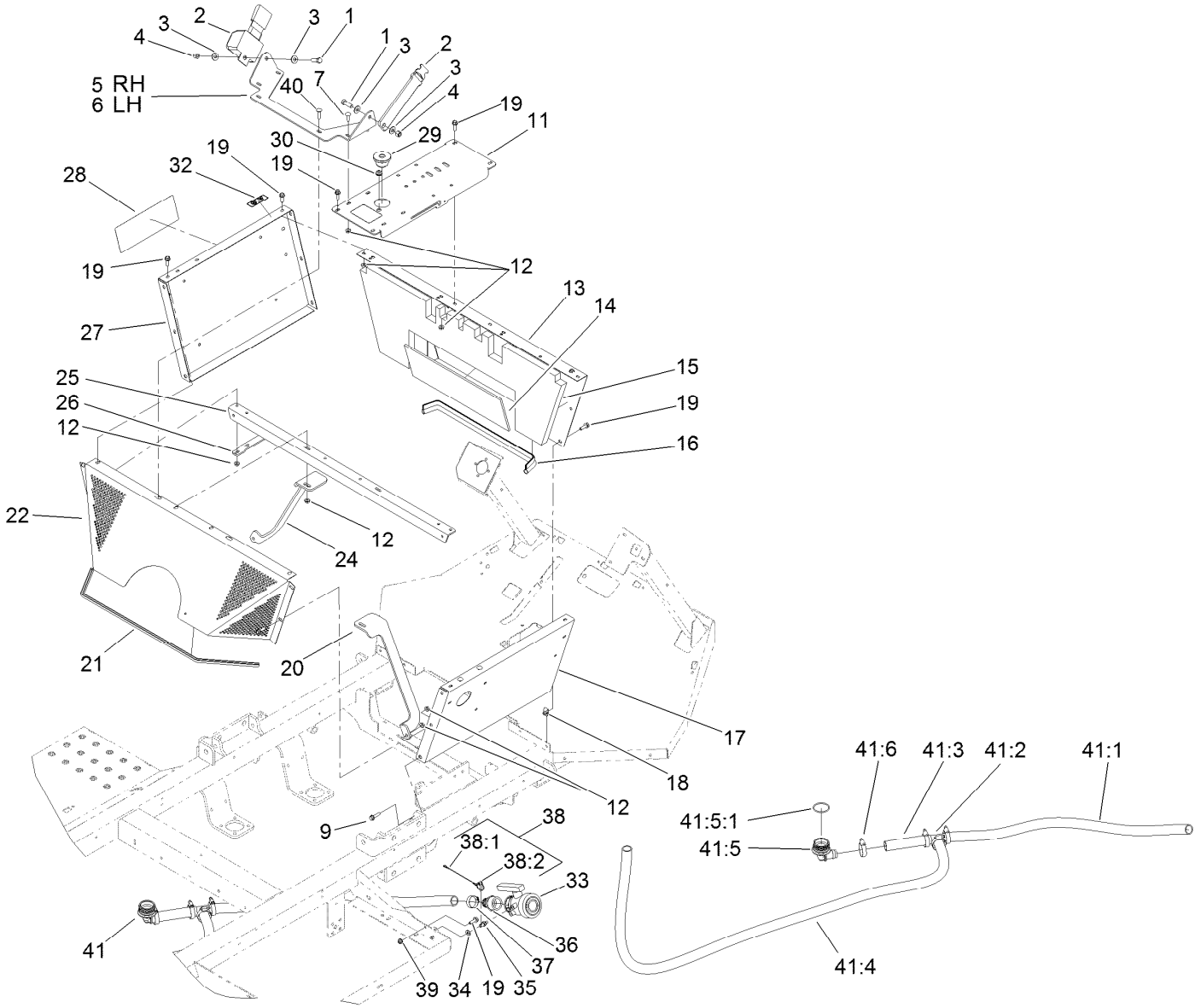


Seat Box Assembly

Ref.	Part Number	Qty.	Description
1	324-5	4	Screw-HH
2	110-9720	2	Seat Belt ASM
3	3256-4	8	Washer-Flat
4	3296-48	4	Nut-Lock, NI
5	119-0561-03	1	Bracket-Seat Belt, LH
6	119-0560-03	1	Bracket-Seat Belt, RH
7	3230-22	12	Screw-CARR
9	3234-36	2	Screw-HHF
11	119-0559-03	1	Base-Console
12	32128-20	32	Nut-HF
13	106-5027-01	1	Front Seat Box Panel ASM
14	117-5819	1	Noise Barrier-Lower Front
15	117-5818	1	Barrier-Noise, Front Panel
16	95-2178	1	Trim
17	106-5026-01	1	Panel-Box Seat, RH
18	94-2413	4	U-Nut
19	3234-17	21	Screw-HHF
20	107-8729-03	1	Support-RH

Ref.	Part Number	Qty.	Description
21	106-1998	1	Trim
22	106-5286-03	1	Shroud-Engine
24	107-8730-03	1	Support-LH
25	119-5025-03	1	Angle-Seat Box
26	95-2264	2	Strap
27	108-3291-01	1	Panel-Box Seat, LH
28	120-0619	1	Decal-Warning
29	32180-033	1	Grommet
30	237-141	1	Grommet-Rubber
32	120-0625	2	Decal-Warning, Pinch Point
33	108-0069	1	Valve-Ball
34	62-1230	2	Washer-Rubber
35	112-7900	2	Mount-Peg
36	110-5224	1	Fitting-Barbed, Straight
37	2412-34	1	Clamp-Hose
38	98-0979	1	Lynch Pin ASM
38:1	28-8070	1	Lanyard
38:2	3290-495	1	Pin-Klik

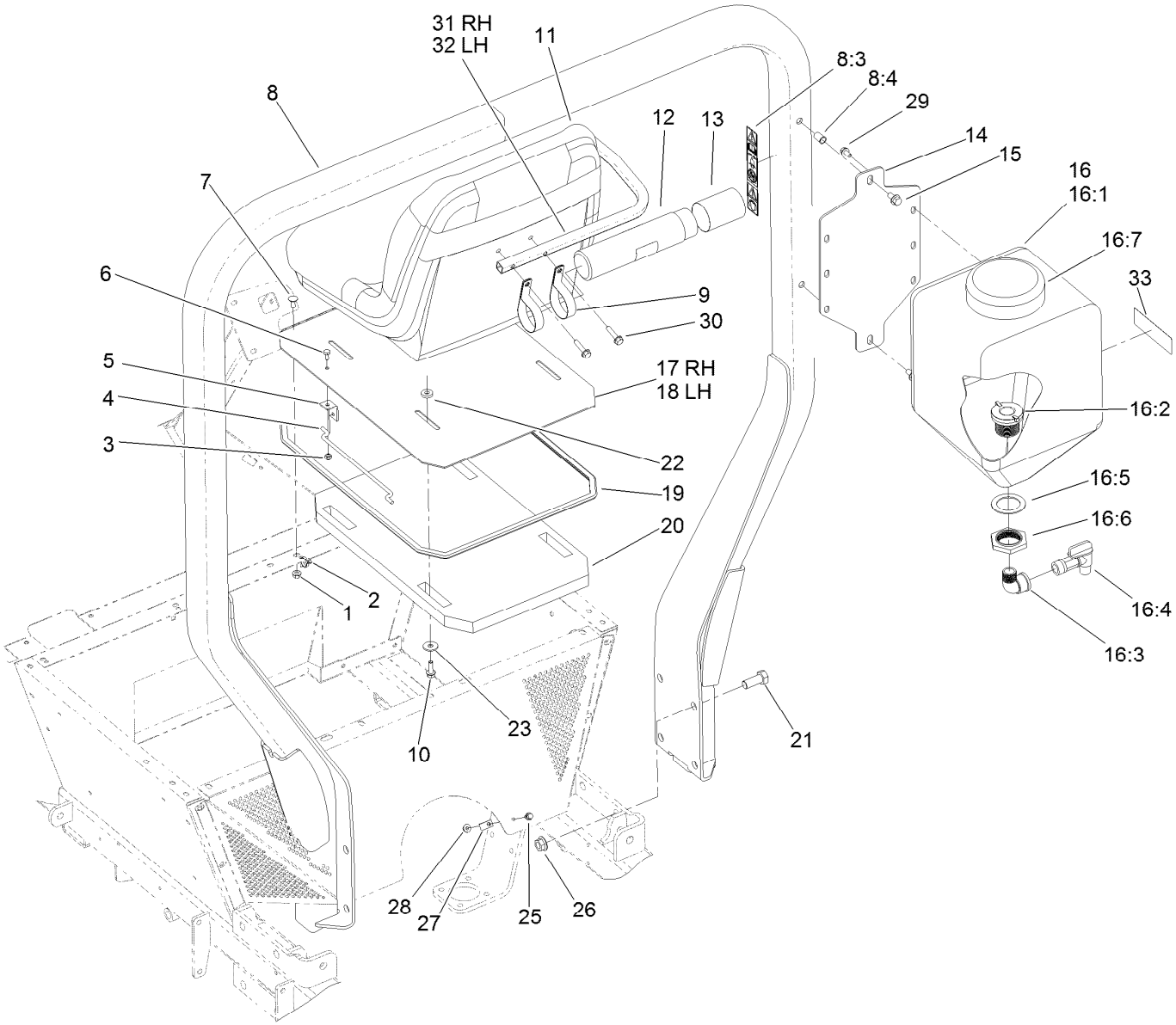
● Not serviced separately



Seat Box Assembly (continued)

Ref.	Part Number	Qty.	Description
39	104-8300	2	Nut-Flange, NI
40	3230-3	2	Screw-CARR
41		1	Drain Hose ASM ●
41:1	120-8566	1	Hose
41:2	117-7866	1	Tee-Hosebarb
41:3	120-8568	1	Hose
41:4	120-8567	1	Hose
41:5	106-4933	1	Hosebarb ASM
41:5:1	100-8637	1	O-Ring
41:6	2412-3	4	Clamp-Hose

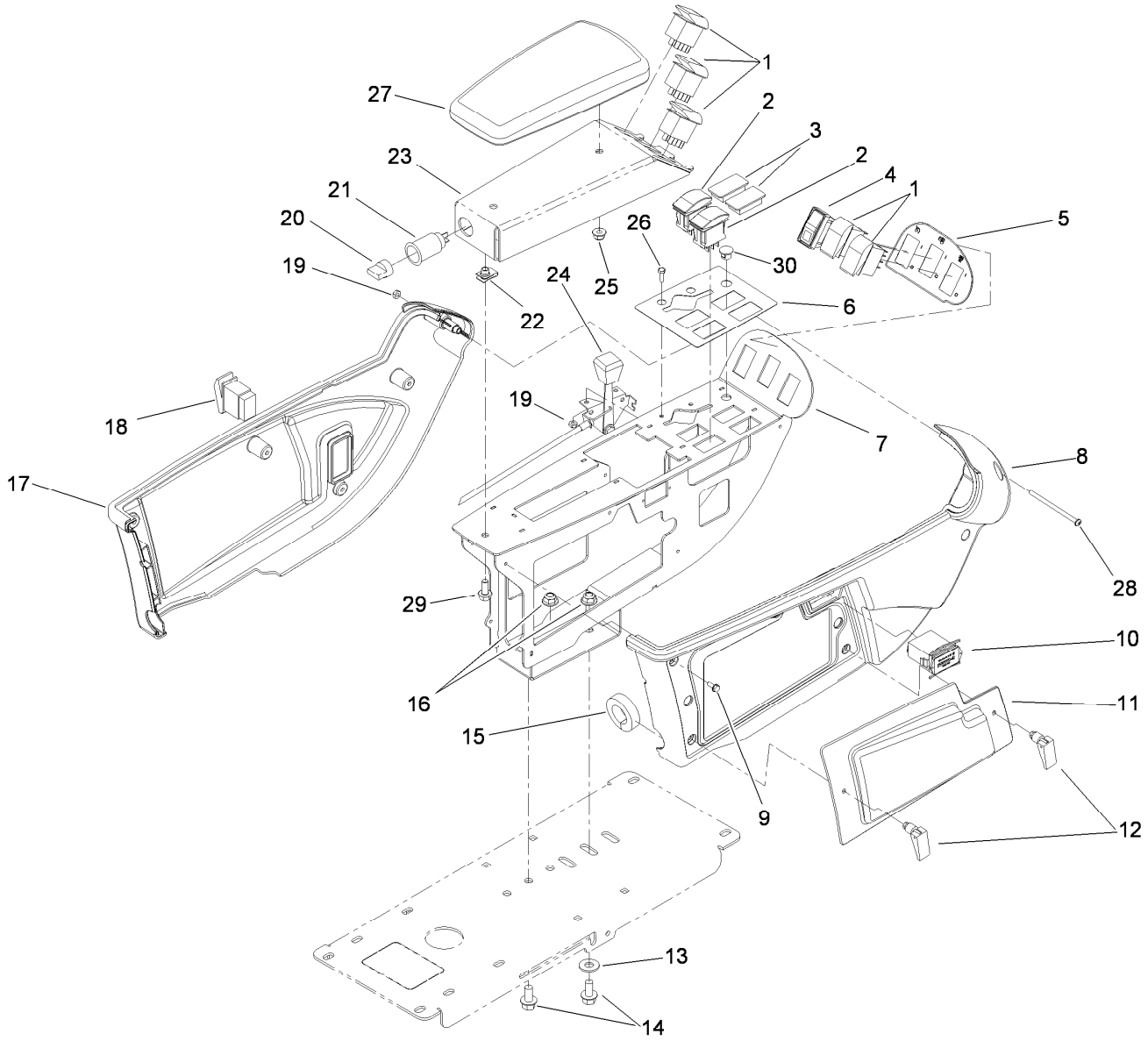
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Roll-Over Protection System and Seat Assembly

Ref.	Part Number	Qty.	Description
1	32128-20	4	Nut-HF
2	3290-379	4	Tie-Cable
3	3296-42	2	Nut-Lock, NI
4	94-7204	2	Seat Prop Rod ASM
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	2412-133	2	R-Clamp
10	33104-025	8	Screw-HHF
11	112-2923	2	Seat ASM
12	104-7050	1	Tube-Manual
13	104-7048	1	Cap-Housing
14	120-0763-03	1	Plate-Fresh Water
15	3234-1	2	Screw-HHF
16	117-7901	1	Tank-Fresh Water
16:1	119-0523	1	Tank-Fresh Water
16:2	117-7998	1	Bulkhead
16:3	119-0524	1	Elbow

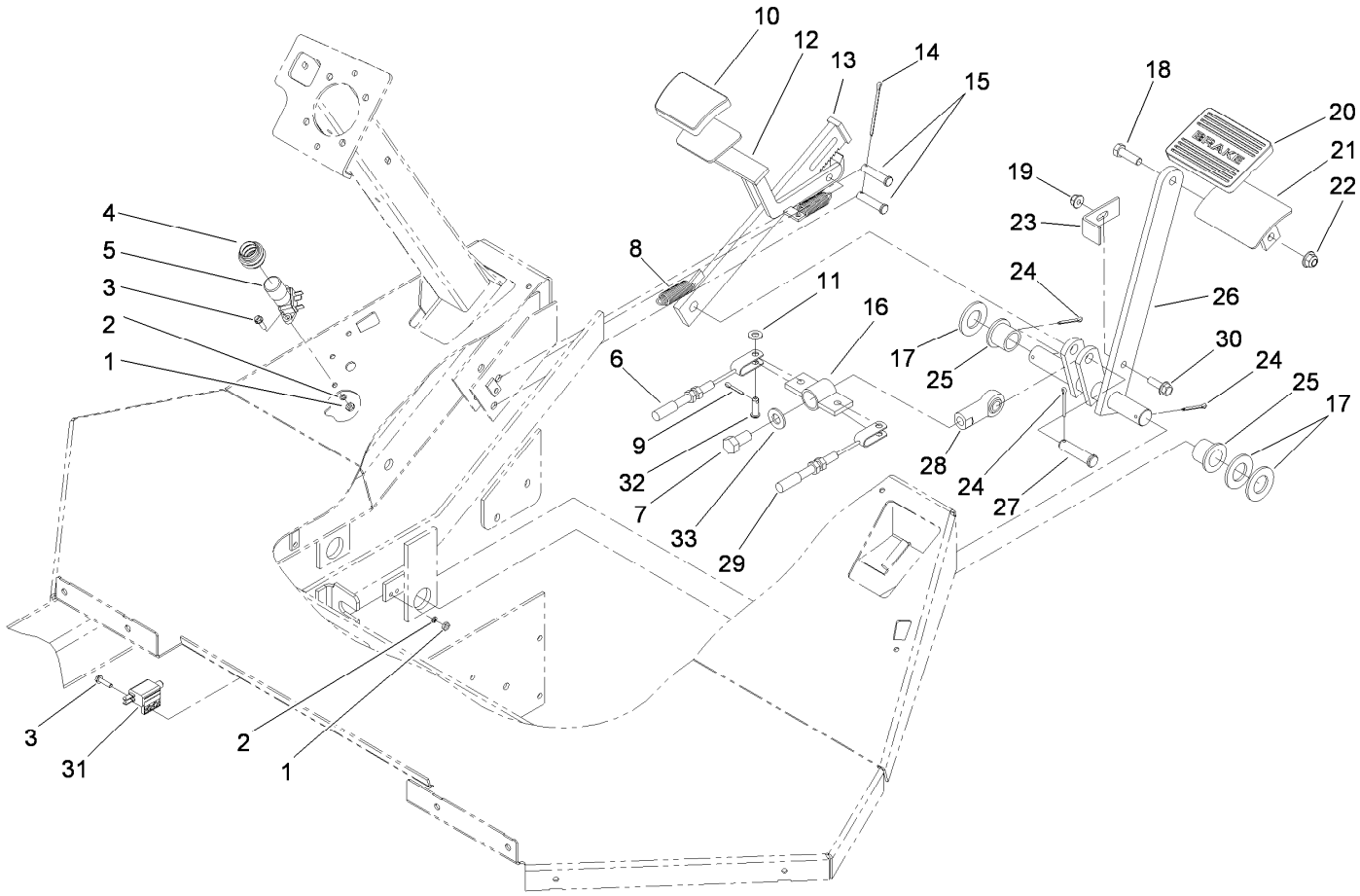
Ref.	Part Number	Qty.	Description
16:4	106-4925	1	Spigot-90 DEG
16:5	119-0526	1	Bulkhead-Washer
16:6	119-0525	1	Bulkhead-Nut
16:7	99-0613	1	Cap-Tank
17	108-3289-03	1	RH Seat Panel ASM
18	108-3288-03	1	LH Seat Panel ASM
19	94-7085	2	Trim
20	108-3290	2	Barrier-Noise, Seat
21	327-4	8	Screw-HH
22	7-0081	6	Washer-Flat
23	52-2861	10	Washer
25	3234-4	2	Screw-HHF
26	32128-50	8	Nut-Flange
27	2412-72	2	Clip-Closed, Insulated
28	104-7201	2	Nut-HF
29	3234-14	6	Screw-HHF
30	33104-035	4	Screw-HHF
31	119-0732-03	1	Armrest-RH
32	119-0731-03	1	Armrest-LH
33	120-0616	1	Decal-Fresh Water



Console Assembly

Ref.	Part Number	Qty.	Description
1	100-8490	5	Switch-Rocker
2	100-1535	2	Switch
3	99-7420	2	Plug-Hole
4	104-9007	1	Switch-Rocker
5	119-0568	1	Decal-Console, Upper
6	119-0567	1	Decal-Console, Lower
7	117-0777-03	1	Panel-Arm
8	108-7605	1	Cover-RH
9	32144-112	10	Screw-HWH
10	1-513374	1	Meter-Hour
11	108-7616	1	Panel-Access
12	74-5950	2	Latch-Swell
13	3256-4	1	Washer-Flat
14	3234-1	2	Screw-HHF
15	110-8912	1	Seal-Foam

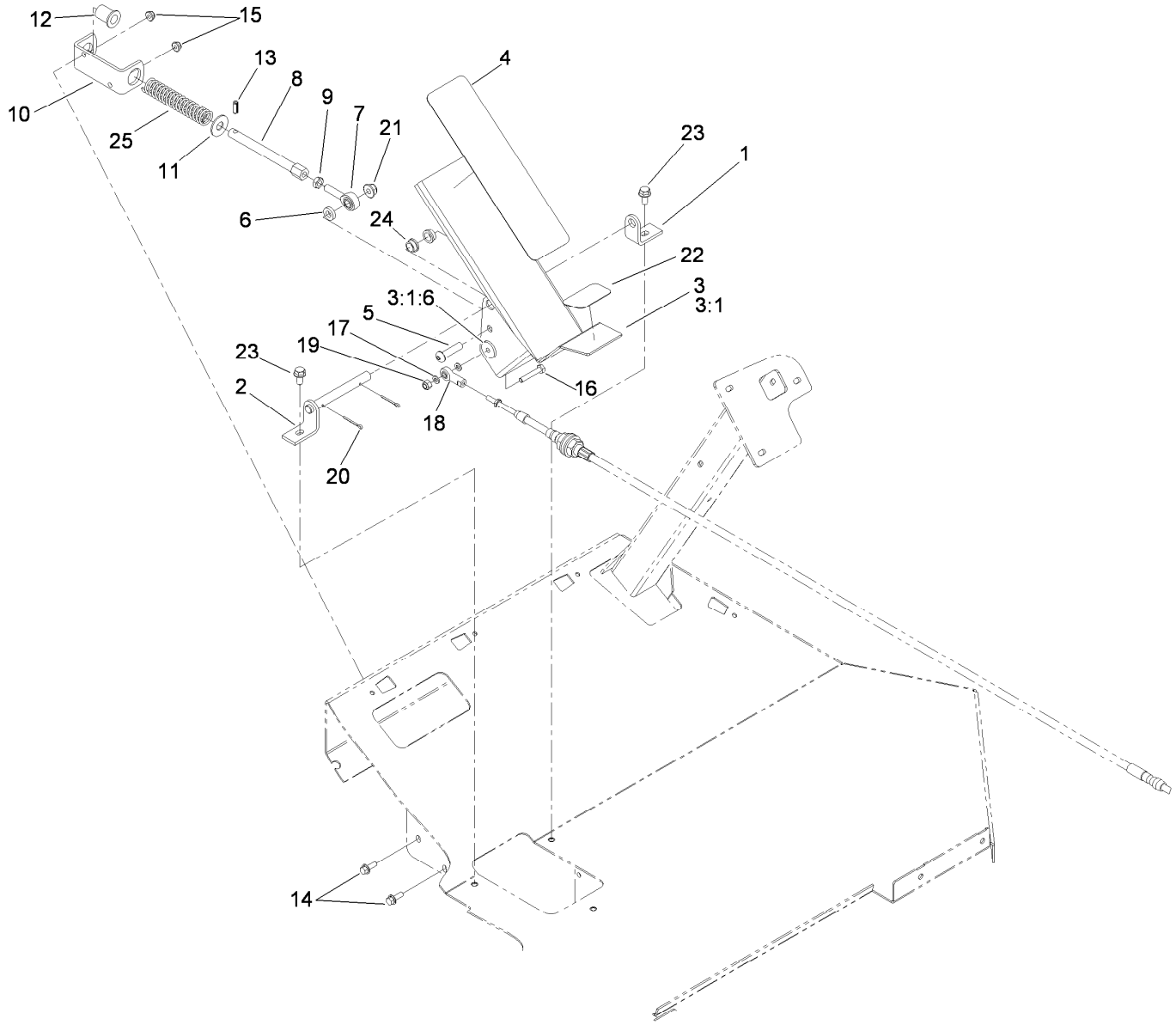
Ref.	Part Number	Qty.	Description
16	104-8301	2	Nut-Flange, NI
17	108-7604	1	Cover-LH
18	95-8999	1	Switch
19	3296-2	3	Nut-Lock, NI
20	99-7416	1	Cap
21	99-7411	1	Point-Power
22	112-3306	1	Nut
23	117-0770-03	1	Front Console Arm ASM
24	119-0564	1	Control-Throttle
25	104-8300	2	Nut-Flange, NI
26	32105-13	2	Screw-HWH
27	108-7602	1	Rest-Arm
28	3250-22	1	Screw-PPH
29	3234-47	1	Screw-HHF
30	119-5329	1	Plug-Hole



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	3217-26	4	Nut-Hex
2	3253-17	4	Washer-Lock
3	32105-13	4	Screw-HWH
4	110-5130	1	Bellow-Switch
5	110-5189	1	Switch-Floor
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-Flat
12	93-6599-03	1	Catch ASM
13	93-6598-03	1	Brake Strap ASM
14	3272-53	1	Pin-Cotter
15	283-15	2	Pin-Clevis
16	93-6595	1	Brake Equalizer ASM
17	3256-29	3	Washer-Flat

Ref.	Part Number	Qty.	Description
18	323-7	1	Screw-HH
19	104-8300	1	Nut-Flange, NI
20	7-3900	1	Pad-Brake
21	100-8422-03	1	Pedal Bracket ASM
22	104-8301	1	Nut-Flange, NI
23	93-6592-03	1	Bracket
24	3272-12	3	Pin-Cotter
25	94-7164	2	Bearing
26	93-6589	1	Brake Shaft ASM
27	42195	1	Pin-Clevis
28	522087	1	Rod-End
29	119-9365	1	Cable-Brake, RH
30	3234-17	1	Screw-HHF
31	1-513051	1	Switch-Open, Normally
32	283-58	2	Pin-Clevis
33	3256-26	1	Washer-Flat

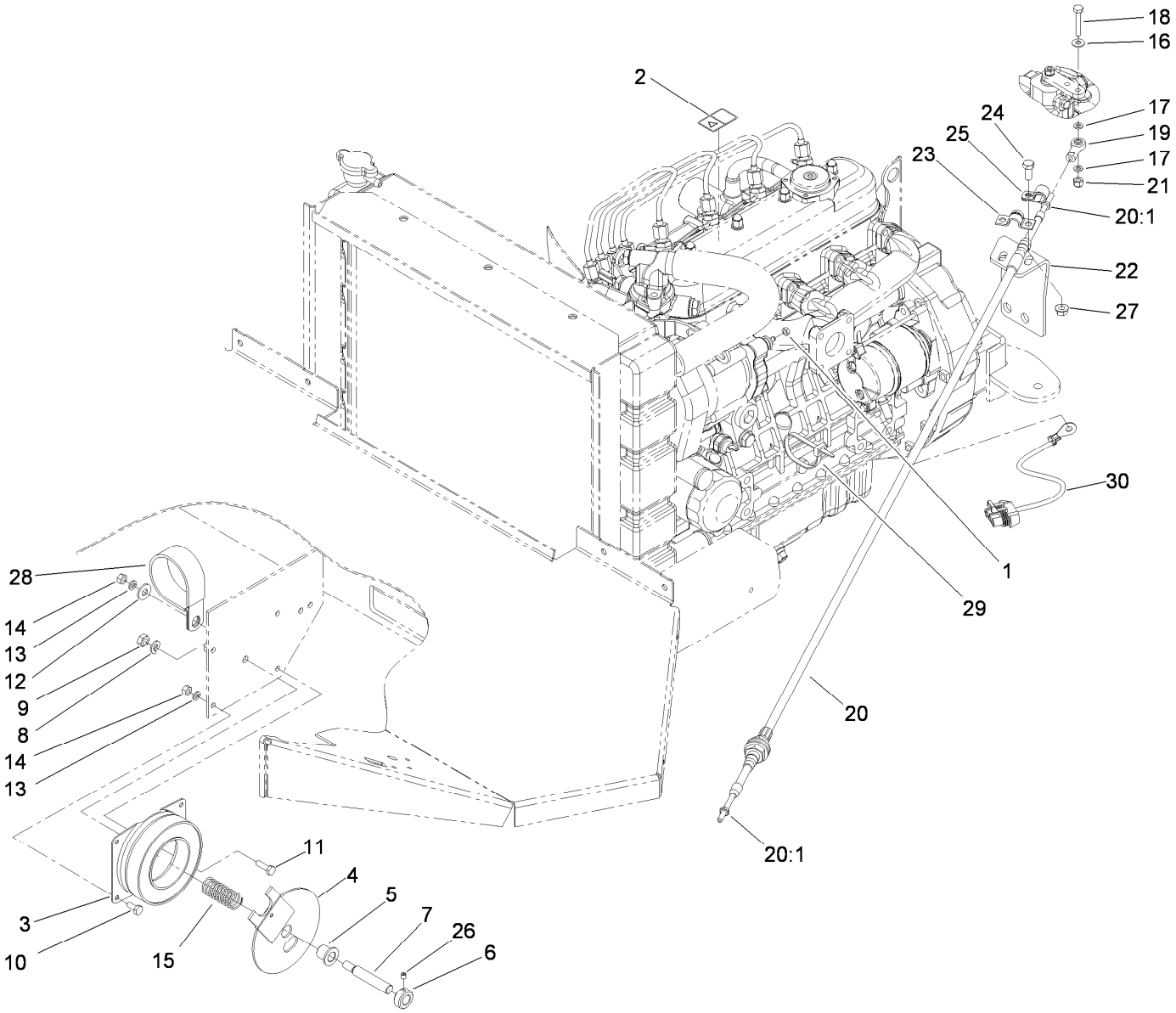


Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	92-0450-03	1	Bracket-Pin
2	92-0448	1	Pivot Pin ASM
3	106-5247-03	1	Traction Pedal ASM
3:1		1	Traction Pedal ●
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-Flange, 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

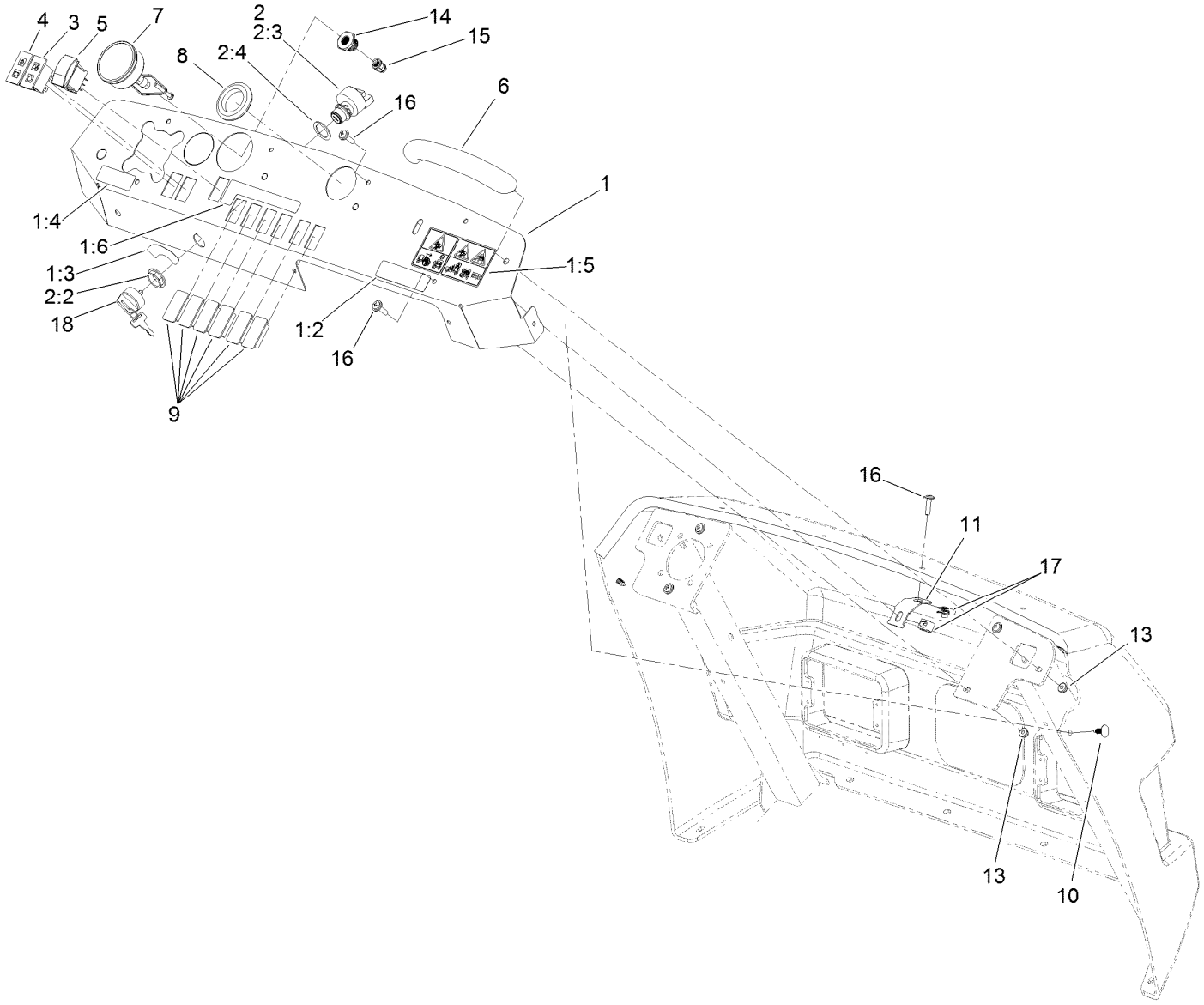
● Not serviced separately



Accelerator Assembly

Ref.	Part Number	Qty.	Description
1	33013-00	1	Nut-Hex
2	106-5517	1	Decal-Warning, Hot Surface
3	42-1720	1	Field Core Coil ASM
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

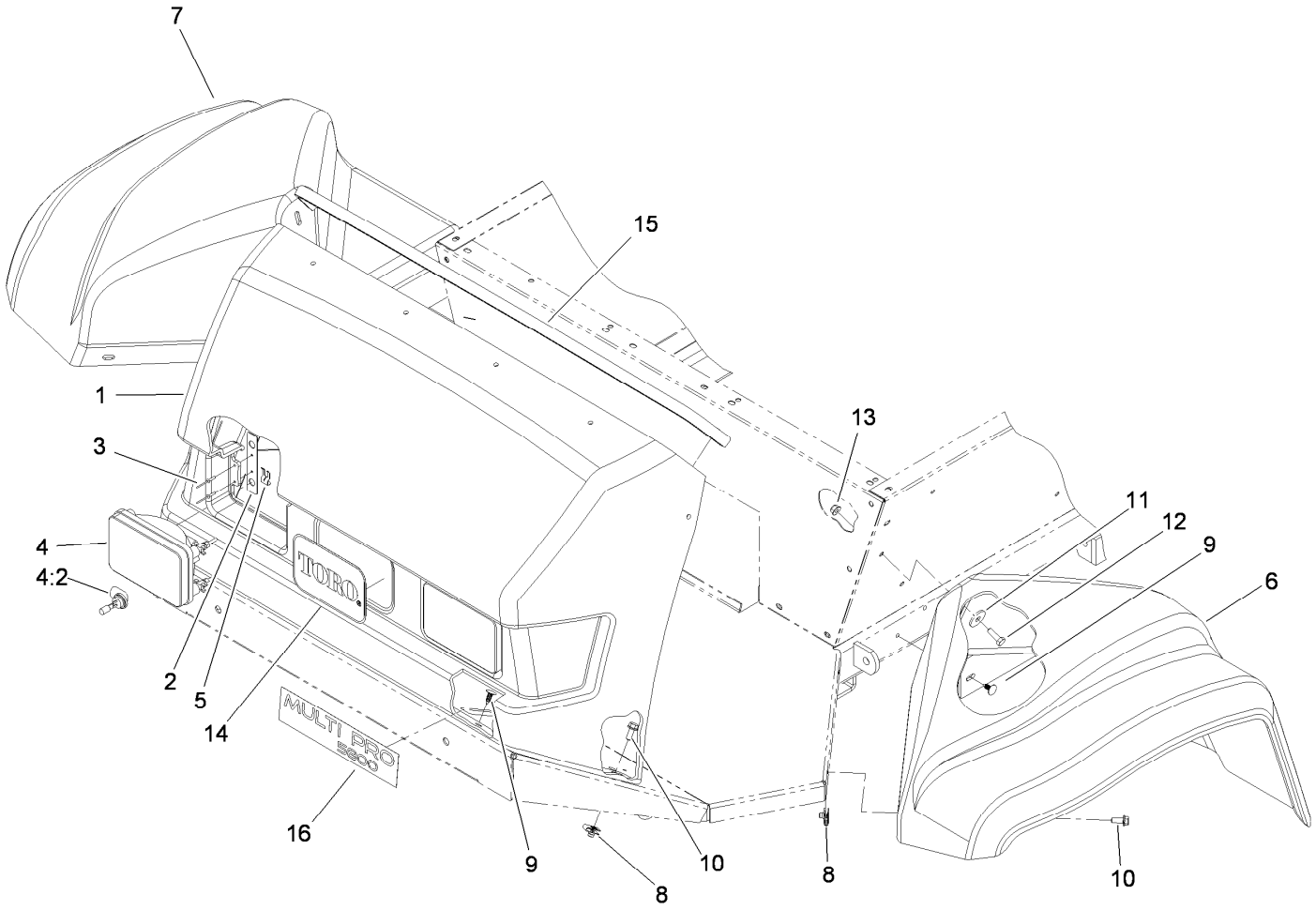
Ref.	Part Number	Qty.	Description
17	33093-00	2	Washer-Flat
18	321-9	1	Screw-HH
19	2411-41	1	Rod End-Ball Joint
20	106-5233	1	Cable-Traction
20:1	3220-1	2	Nut-Jam
21	3296-42	1	Nut-Lock, NI
22	119-9359	1	Bracket-Cable, Rear
23	93-2092	1	Clamp-Cable
24	322-3	2	Screw-HH
25	2412-93	1	Clamp-R
26	3245-32	1	Screw-HSH
27	32128-20	2	Nut-HF
28	2412-102	1	Clamp-R
29	3290-378	1	Tie-Cable
30	99-3441	1	Harness-Wire, Fusible Link



Dash Assembly

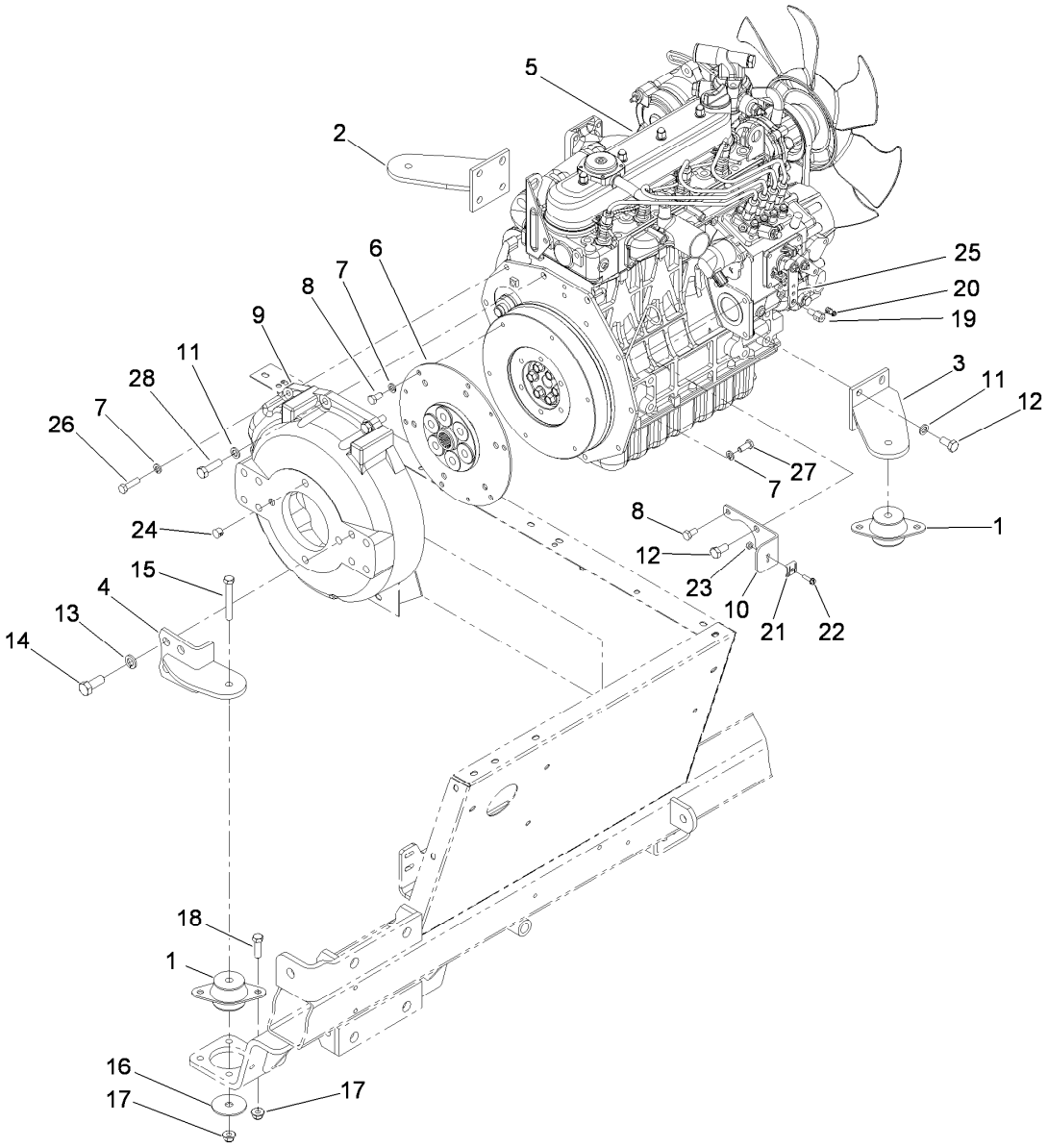
Ref.	Part Number	Qty.	Description
1	120-8529	1	Dash Panel ASM
1:2	117-2718	1	Decal-Arrester, Spark
1:3	119-6035	1	Decal-Ignition Switch
1:4	107-8722	1	Decal-Instructions, Parking Brake
1:5	120-0624	1	Decal-Warning, Passenger
1:6	120-0759	1	Decal-Switch
2	106-5269	1	Ignition Switch ASM
2:2	108-8660	1	Nut-Mounting
2:3	106-5270	1	Ignition Key Set
2:4	108-8659	1	Washer-Backup
3	100-8071	1	Lamp-Warning
4	100-8070	1	Lamp-Warning

Ref.	Part Number	Qty.	Description
5	100-1535	1	Switch
6	117-4948	1	Handle-Grab
7	120-8546	1	Gauge-Pressure
8	40764	1	Grommet
9	99-7420	6	Plug-Hole
10	117-2382	2	Plug-Plastic
11	117-0735	4	Bracket-Hood
13	104-7201	4	Nut-HF
14	100-8665	1	Reducer-Gauge, Pressure
15	100-8667	1	Coupler-Reducer
16	110-9361	10	Screw-PPH, Sems
17	107069	8	Clip
18	106-5270	1	Ignition Key Set



Dash, Fender and Headlight Assembly

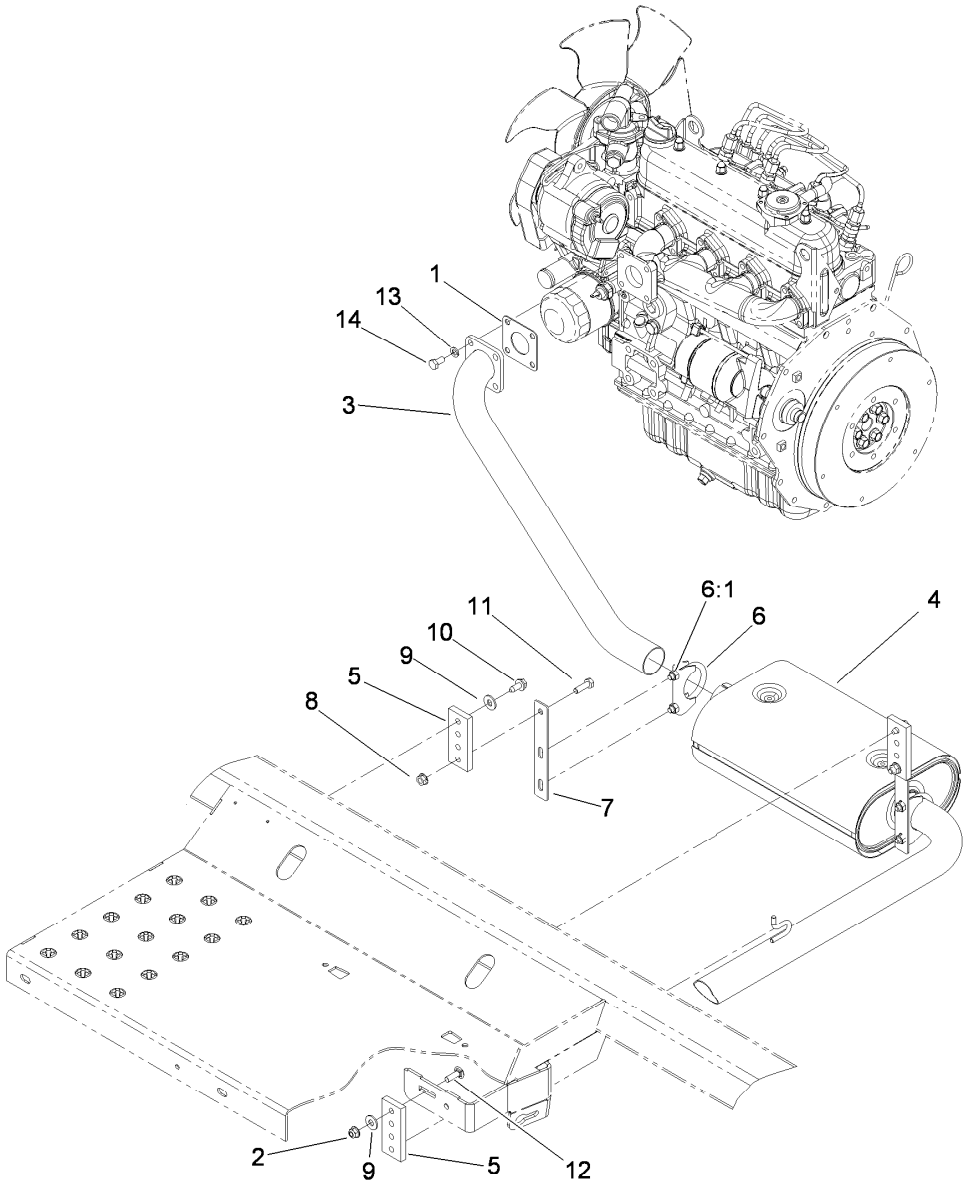
Ref.	Part Number	Qty.	Description
1	117-0793	1	Hood
2	117-5832	4	Bracket-Headlight
3	3290-274	8	Rivet-Pop
4	114-8322	2	Headlight
4:2	115-2395	1	Light Bulb ASM
5	115-2408	6	Clip-Speed
6	119-0417	1	Fender-Full, LH
7	119-0418	1	Fender-Full, RH
8	94-2413	6	U-Nut
9	117-2382	8	Plug-Plastic
10	3234-47	6	Screw-HHF
11	63-8410	2	Washer
12	322-5	2	Screw-HH
13	104-8300	2	Nut-Flange, NI
14	62-5550	1	Decal
15	119-0504	1	Trim-Hood
16	119-5041	1	Decal



Engine Mounting Assembly

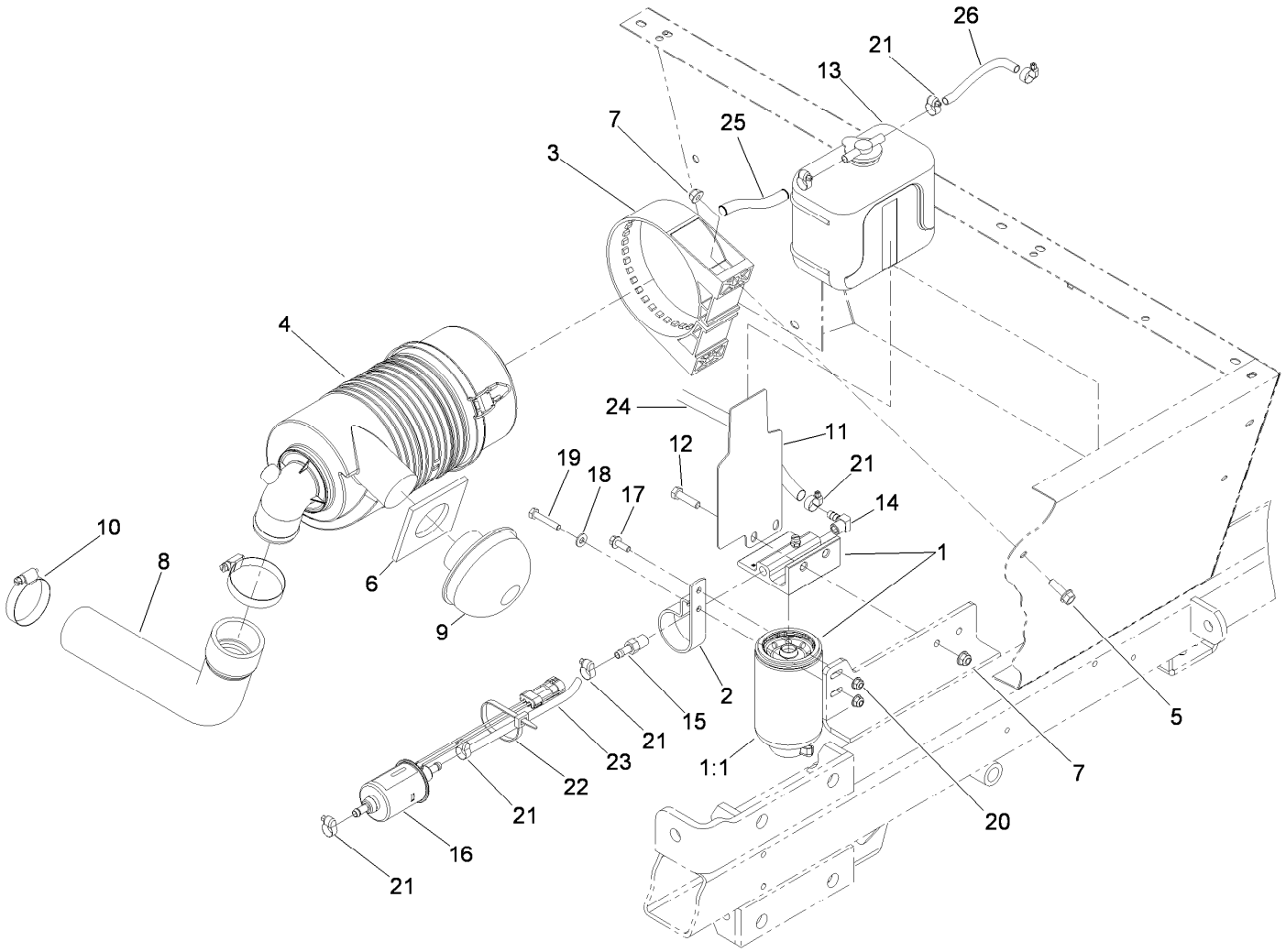
Ref.	Part Number	Qty.	Description
1	53-9680	4	Mount-Engine
2	117-0667-03	1	LH Bracket ASM
3	117-0666-03	1	RH Bracket ASM
4	117-0669-03	2	Rear Mount Bracket ASM
5	112-7870	1	Engine-Kubota, Diesel
6	92-0285	1	Coupling ASM
7	3253-4	14	Washer-Lock
8	33114-016	7	Screw-HH
9	105-0100	1	Flywheel Housing ASM
10	110-9009-03	1	Bracket-Cable, Throttle
11	48-9590	10	Washer-Lock
12	63-7790	9	Screw-Cap
13	3253-7	8	Washer-Lock
14	325-5	8	Screw-HH

Ref.	Part Number	Qty.	Description
15	323-13	4	Screw-HH
16	87-5100	4	Washer-Snubbing
17	104-8301	12	Nut-Flange, NI
18	323-7	8	Screw-HH
19	98-9311	1	Swivel-Throttle
20	112-9919	1	Stop-Cable, Throttle
21	81-1690	1	Clamp-Cable
22	32105-13	1	Screw-HWH
23	3296-2	1	Nut-Lock, NI
24	119-6039	2	Plug-Plastic
25	3296-20	1	Nut-Lock, NI
26	33114-030	6	Screw-HH
27	33114-020	2	Screw-HH
28	56-2140	2	Screw-HH



Exhaust System Assembly

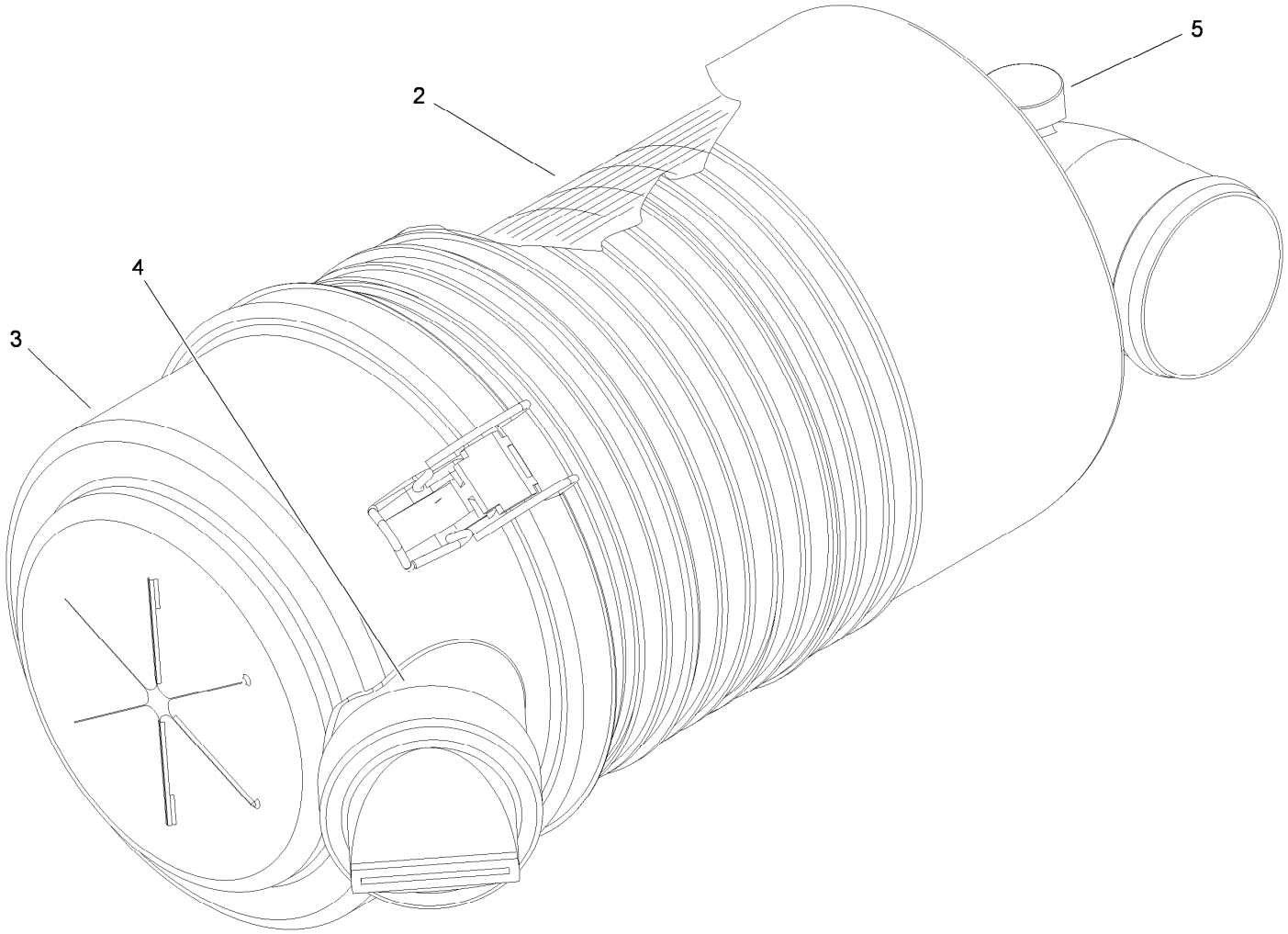
Ref.	*Part Number*	*Qty.*	*Description*
1	99-8343	1	Gasket-Muffler
2	104-8300	1	Nut-Flange, NI
3	117-7950	1	Manifold-Exhaust
4	117-7951	1	Muffler ASM
5	117-0744	3	Hanger-Muffler
6	2112-6	2	Clamp-Muffler
6:1	3218-2	2	Nut-Jam
7	119-0503	2	Hanger-Muffler
8	32128-25	2	Nut-HF
9	3256-3	3	Washer-Flat
10	32144-70	2	Screw-HWHTF
11	322-5	2	Screw-HH
12	3230-22	1	Screw-CARR
13	3253-4	4	Washer-Lock
14	33114-016	4	Screw-HH



Air Cleaner and Reservoir Assembly

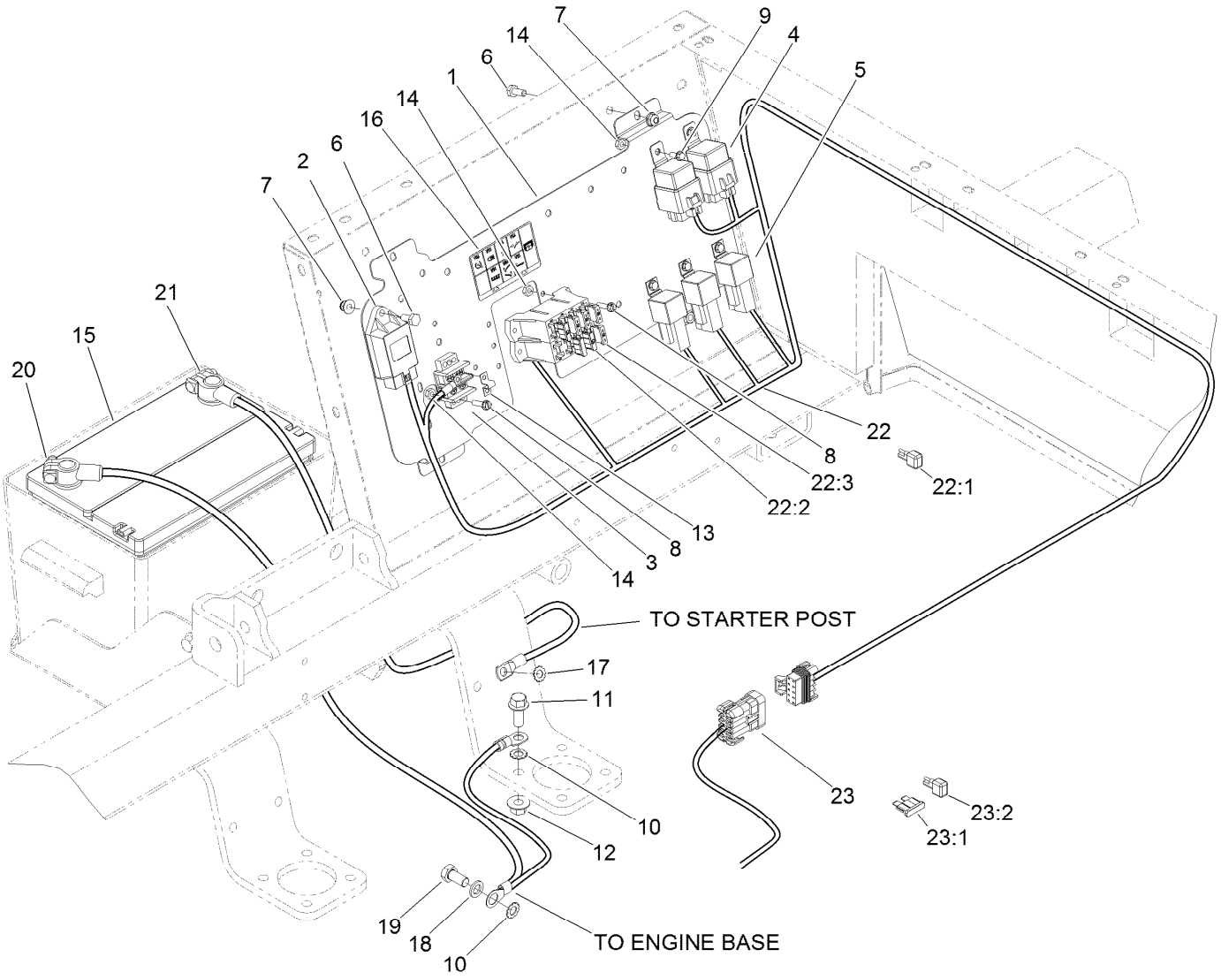
Ref.	Part Number	Qty.	Description
1	110-9044	1	Seperator Filter ASM
1:1	110-9049	1	Filter-Spin On
2	110-8817	1	Bracket-Pump, Fuel
3	98-4525	1	Bracket-Cleaner, Air
4	106-5277	1	Air Cleaner ASM
5	3234-17	2	Screw-HHF
6	94-7280	1	Seal-Foam, Air Cleaner
7	104-8300	4	Nut-Flange, NI
8	106-5241	1	Hose-Cleaner, Air
9	27-7180	1	Cap ASM
10	2412-130	2	Clamp-Hose
11	110-5091-03	1	Bracket-Reservoir
12	322-6	2	Screw-HH
13	104-9318	1	Overflow Bottle ASM

Ref.	Part Number	Qty.	Description
14	353-781	1	Fitting-Elbow
15	353-783	1	Fitting-Straight
16	110-8806	1	Pump-Fuel
17	3234-4	1	Screw-HHF
18	3256-22	1	Washer-Flat
19	321-9	1	Screw-HH
20	104-7201	2	Nut-HF
21	2412-108	9	Clamp-Worm
22	3290-378	1	Tie-Cable
23	110-0462	1	Hose-Fuel
24	110-4107	1	Hose-Fuel
25	109-0309	1	Hose-Fuel
26	106-1126	1	Hose-Fuel



Air Cleaner Assembly No. 106-5277

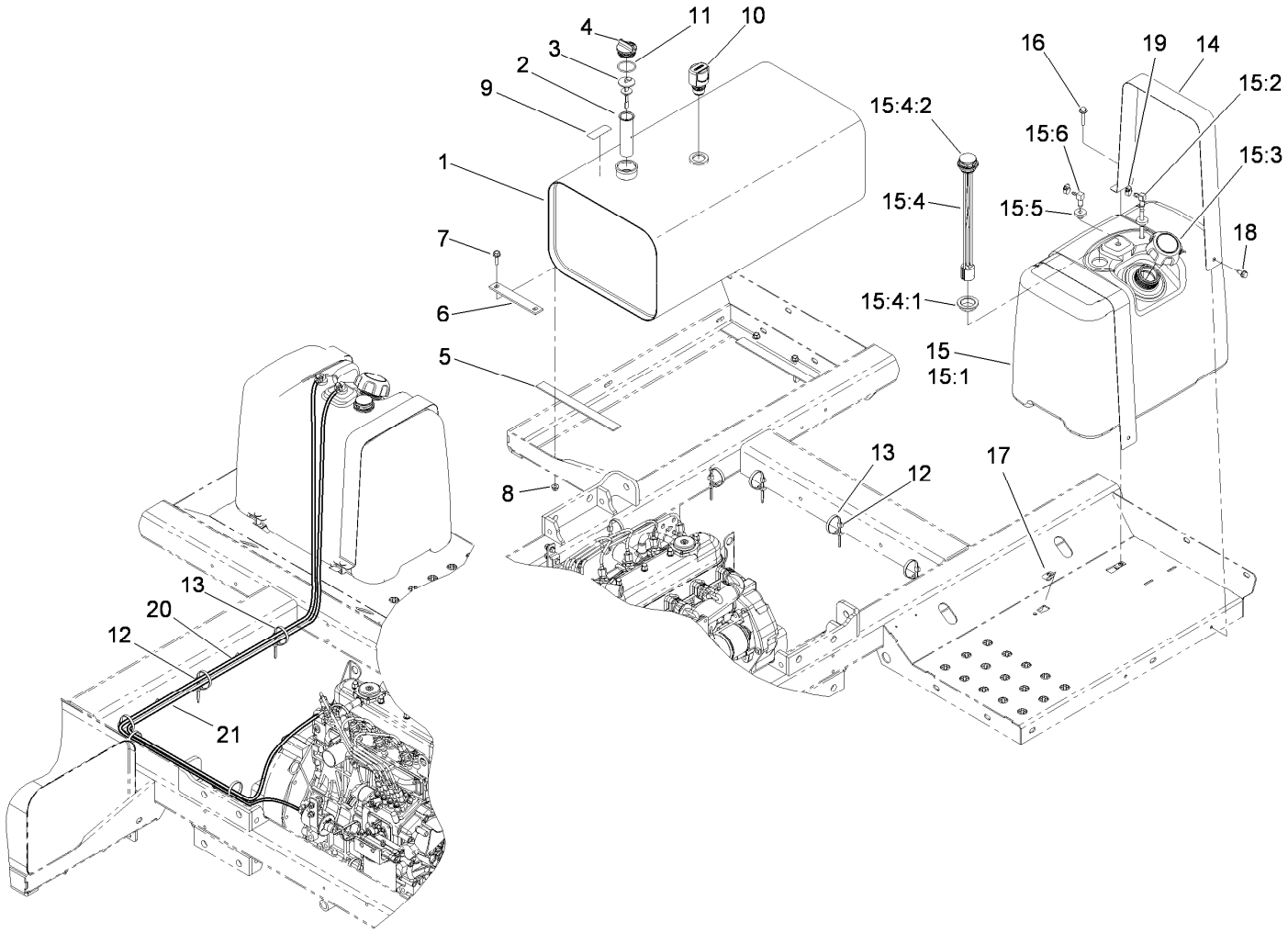
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	108-3286-01	1	Panel-Electrical
2	98-7611	1	Controller-Glow
3	42862	1	Block-Terminal, Ground
4	99-7430	2	Relay
5	99-7435	3	Relay-Power
6	321-3	5	Screw-HH
7	104-7201	5	Nut-HF
8	32105-13	6	Screw-HWH
9	3290-321	5	Screw-HWH
10	3255-9	2	Washer-Lock
11	3234-11	1	Screw-HHF
12	32128-43	1	Nut-Flange
13	42863	1	Strip-Jumper
14	3296-2	11	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
15	106-5190	1	Battery
16	119-5046	1	Decal-Fuses, Ce
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
21	105-0114	1	Cable-Battery, Positive
22	119-1794	1	Harness-Front
22:1	100-4918	3	Diode-Over Molded
22:2	218-578	2	Fuse-Blade, 10 Amp
22:3	109355	5	Fuse-Blade, 15 Amp
23	119-1795	1	Harness-Rear
23:1	110928	6	Fuse-Blade, 5 Amp
23:2	100-4918	7	Diode-Over Molded

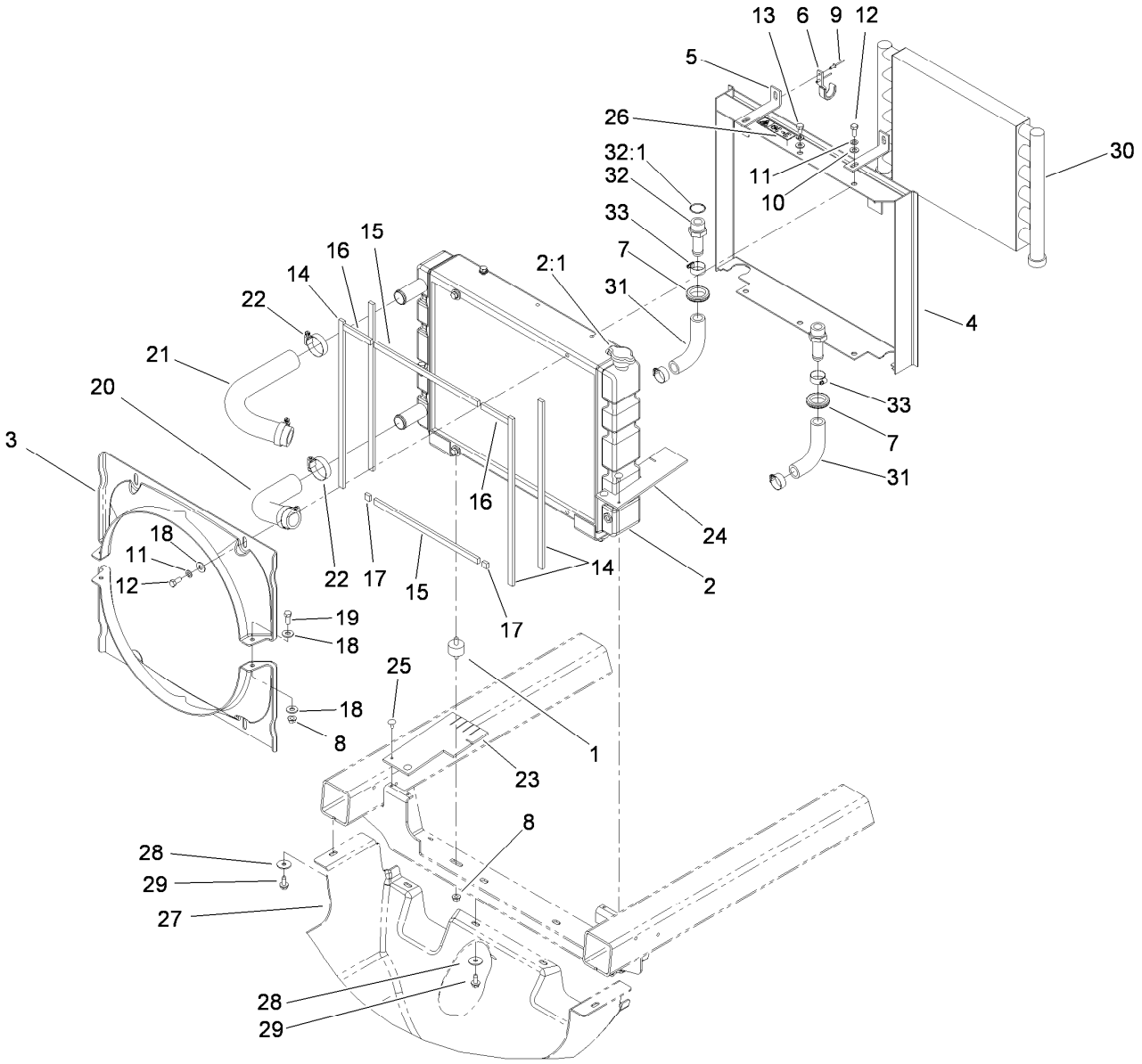


Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	117-0719	1	Tank-Hydraulic, Steel
2	92-1705	1	Filter-Screen
3	105-2812	1	Dipstick
4	93-7498	1	Plug-Plastic
5	41995	2	Strip-Armaflex
6	94-7068-03	2	Strap-Hold Down
7	3234-17	4	Screw-HHF
8	104-8300	4	Nut-Flange, NI
9	93-6686	1	Decal-Oil, HYD
10	115-9793	1	Breather
11	237-101	1	O-Ring
12	32180-030	6	Clip-Tie
13	3290-378	8	Tie-Cable
14	117-5867	2	Strap-Tank, Fuel
15		1	Fuel Tank ASM ●

Ref.	Part Number	Qty.	Description
15:1	117-5869	1	Tank-Fuel
15:2	117-5866	1	Standpipe
15:3	117-5894	1	Fuel Cap ASM
15:4	119-0507	1	Gauge-Fuel
15:4:1	119-0508	1	Seal
15:4:2	117-8404	1	Dial-Gauge
15:5	46-6560	2	Bushing
15:6	104-5228	1	Fitting-Elbow, 90 DEG
16	115-1794	2	Screw-HHF
17	94-2413	2	U-Nut
18	32144-70	2	Screw-HWHTF
19	2412-108	2	Clamp-Worm
20	119-0577	1	Hose-Fuel
21	110-5688	1	Hose-Fuel

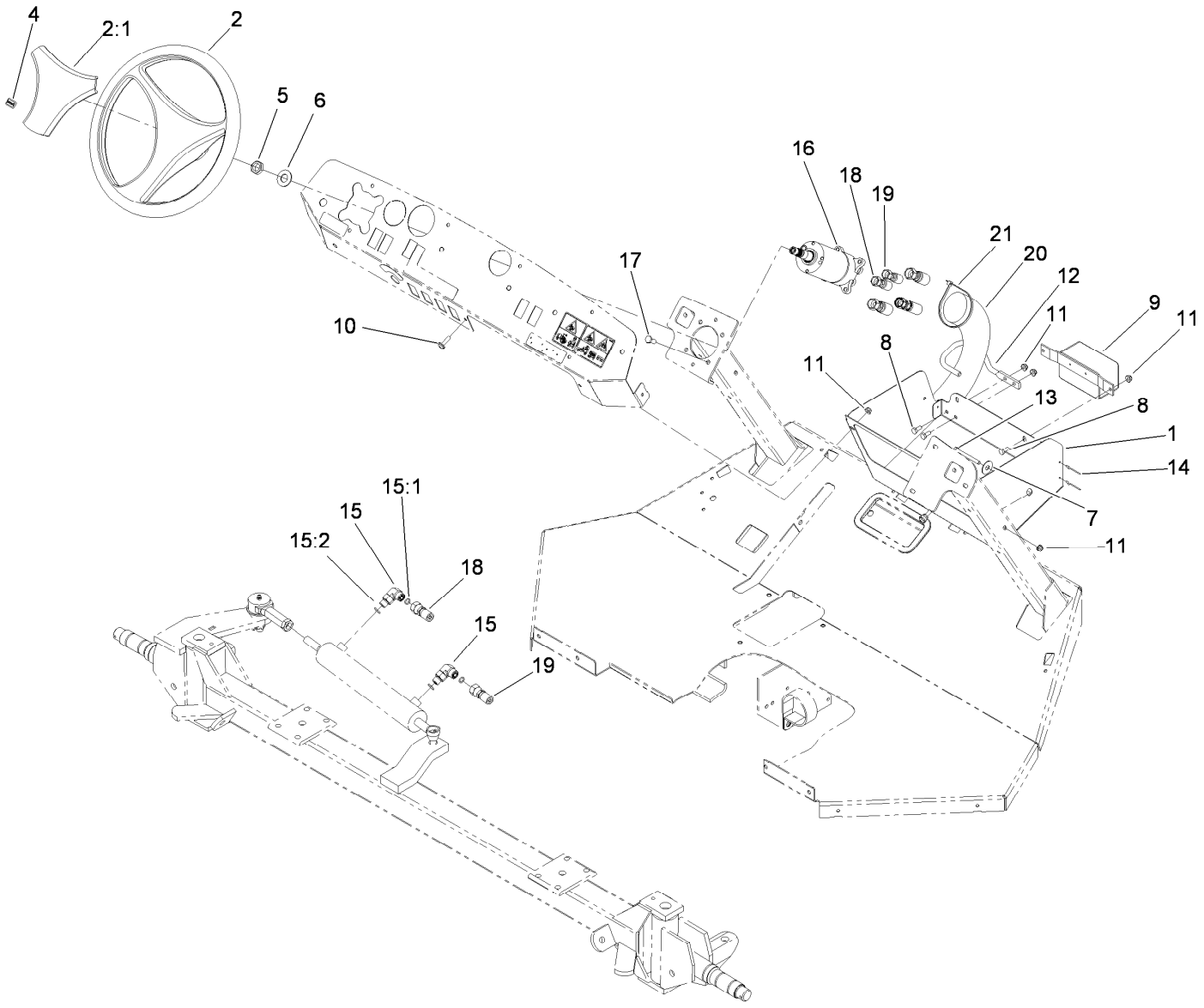
● Not serviced separately



Radiator and Shroud Assembly

Ref.	Part Number	Qty.	Description
1	62-5480	2	Isolater-Seat
2	106-5291	1	Radiator
2:1	114-9593	1	Cap-Radiator
3	106-5290	2	Shroud-Fan
4	106-5180-03	1	Radiator Shroud ASM
5	106-5185	2	Brace-Radiator
6	75-0930	2	Hook-Mount, Cooler
7	240-3	2	Grommet-Rubber
8	32128-20	4	Nut-HF
9	3269-15	4	Rivet-Pop
10	3256-23	6	Washer-Flat
11	3253-4	10	Washer-Lock
12	322-3	6	Screw-HH
13	322-1	4	Screw-HH
14	107-8675	4	Seal-Foam
15	107-8676	2	Seal-Foam
16	107-8677	2	Seal-Foam
17	107-8678	2	Seal-Foam

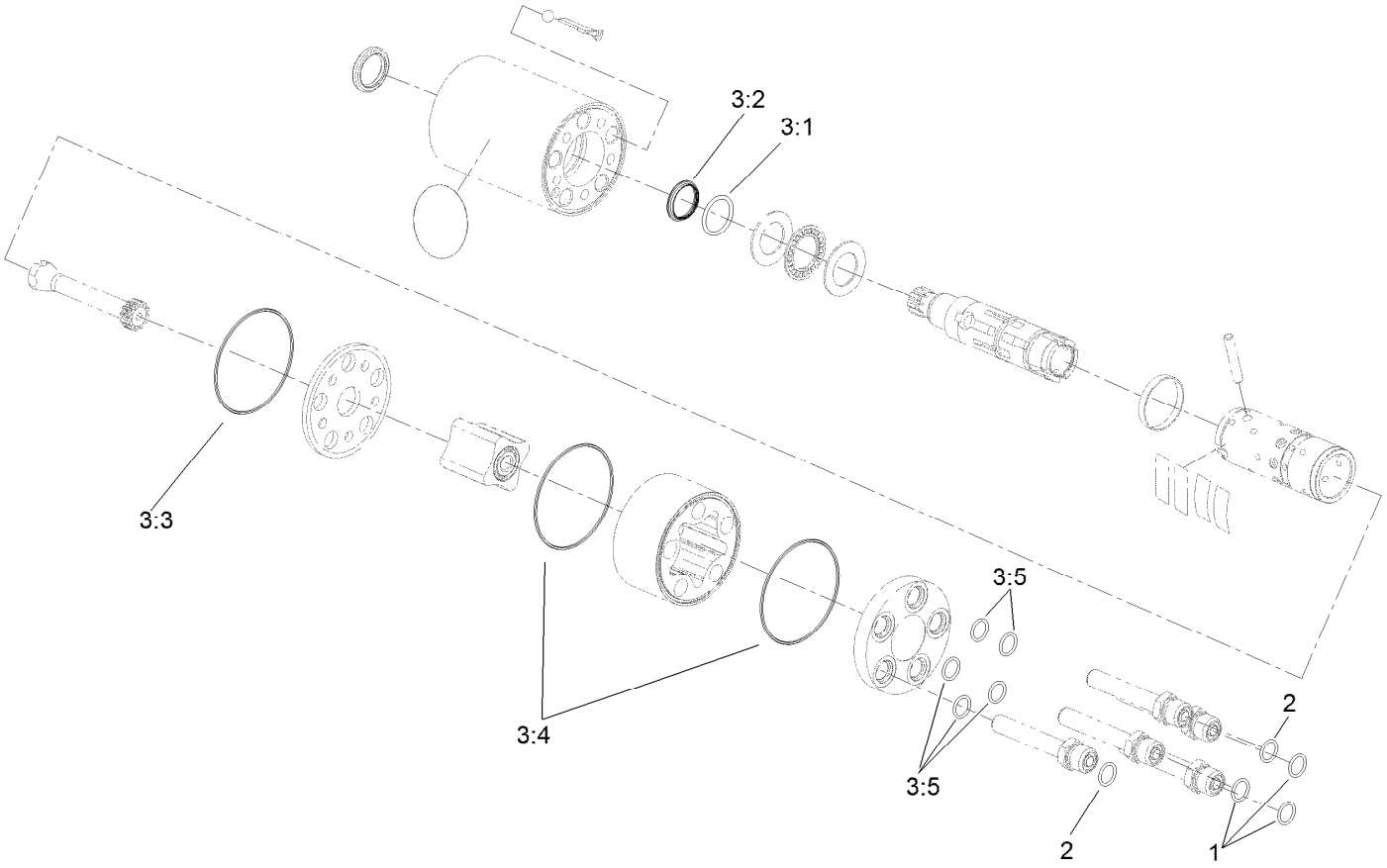
Ref.	Part Number	Qty.	Description
18	3256-56	8	Washer-Flat
19	322-4	2	Screw-HH
20	119-4992	1	Hose-Radiator
21	106-5239	1	Hose-Radiator, Upper
22	2412-111	4	Clamp
23	119-5036	1	Baffle-Heat, LH
24	119-5037	1	Baffle-Heat, RH
25	3269-18	4	Rivet-Pop
26	120-0627	1	Decal-Warning
27	119-9393	1	Shield-Front Heat, Engine
28	3256-82	6	Washer-Flat
29	32144-70	6	Screw-HWHTF
30	94-7007	1	Oil Cooler ASM
31	106-5293	2	Hose-Cooler, Oil
32	112-7835	2	Fitting-Straight
32:1	237-81	1	O-Ring
33	2412-34	4	Clamp-Hose



Steering Valve and Storage Box Assembly

Ref.	Part Number	Qty.	Description
1	119-0431	1	Compartment-Storage, Middrop
2	98-1471	1	Wheel-Steering
2:1	98-1468	1	Cover-Wheel, Steering
4	98-1459	1	Decal
5	110-8816	1	Nut-Hex
6	3256-27	1	Washer-Flat
7	52-2860	1	Washer
8	321-3	4	Screw-HH
9	104-9104	1	Module-Valve, Pwm
10	110-9361	2	Screw-PPH, Sems
11	104-7201	7	Nut-HF

Ref.	Part Number	Qty.	Description
12	119-4853	1	Guide-Hose
13	321-15	1	Screw-HH
14	3269-32	3	Rivet-Pop
15	340-77	2	Fitting-HYD, 90 DEG
15:1	237-22	1	O-Ring
15:2	237-42	1	O-Ring
16	117-0707	1	Steering Valve ASM
17	33114-020	4	Screw-HH
18	117-0717	1	Hose ASM
19	117-0688	1	Hose ASM
20	106-6713	2	Cover-Lines, Steering
21	3290-379	7	Tie-Cable

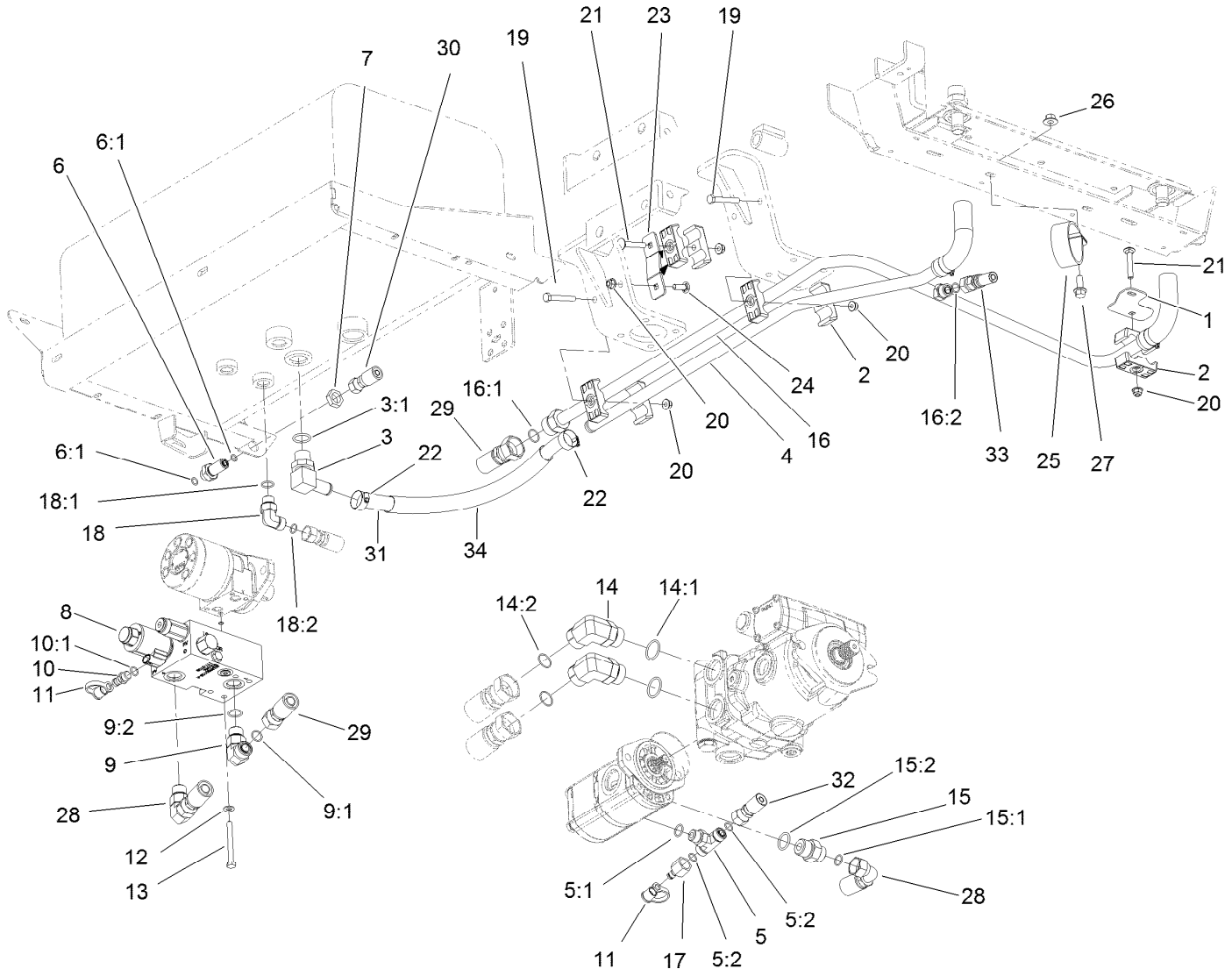


Steer Valve Assembly No. 117-0707

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

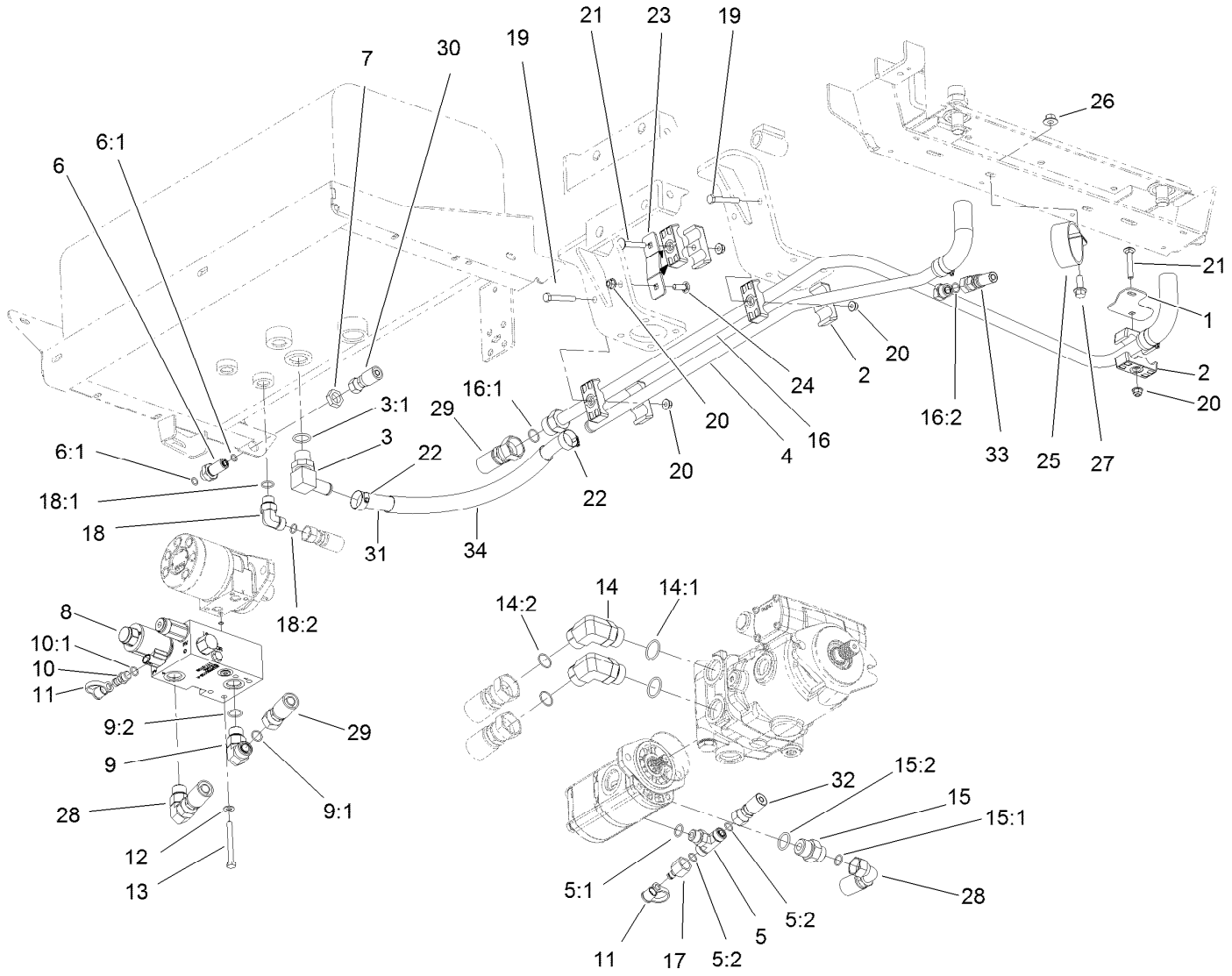
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Hydraulic Pump and Filter Assembly

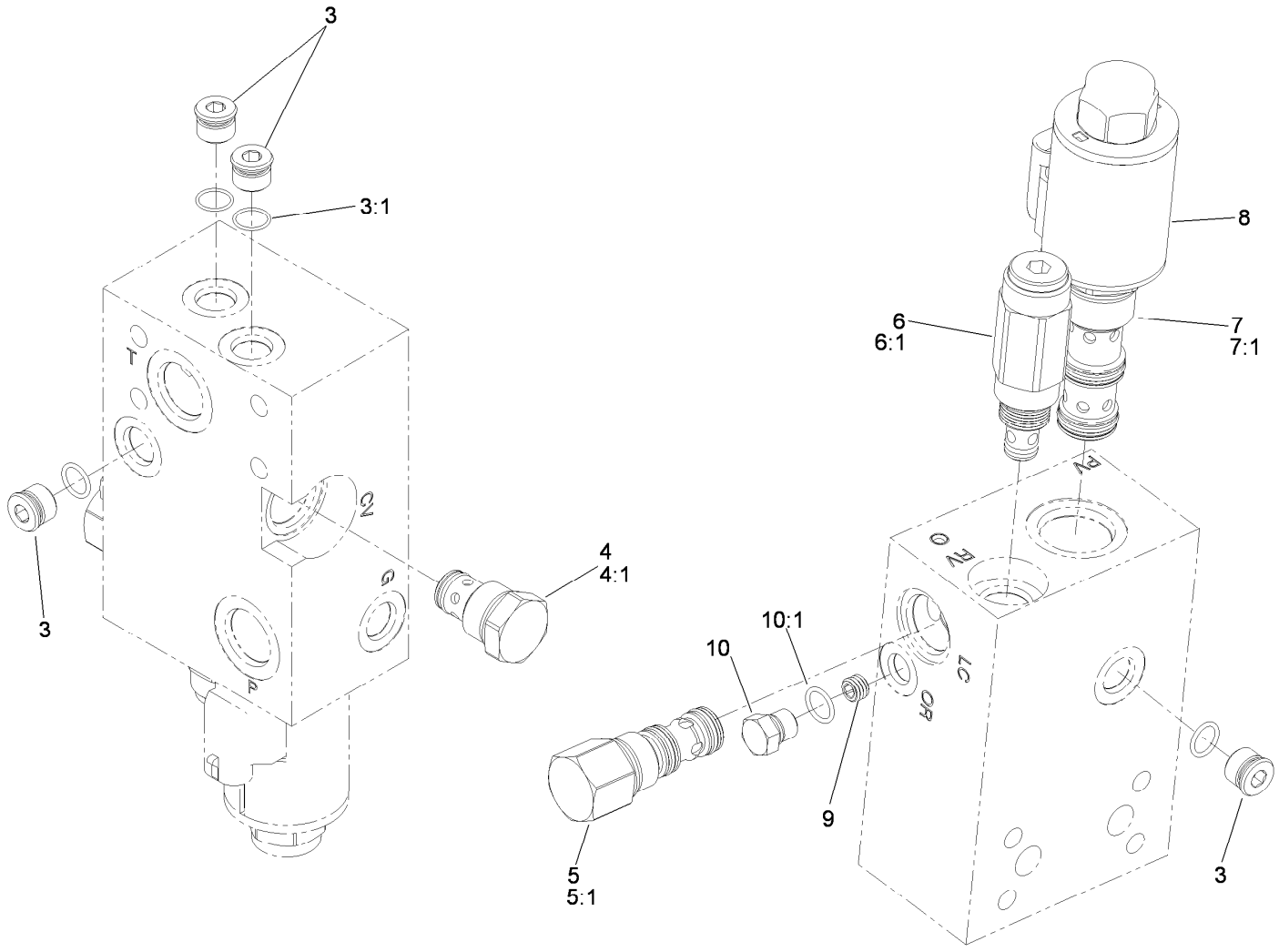
Ref.	Part Number	Qty.	Description
1	117-0723	1	Plate-Mount, Tube Clamp
2	94-8105	10	Clamp-Tube
3	353-987	1	Fitting-HYD, 90 DEG (Barbed)
3:1	237-81	1	O-Ring
4	117-0693	1	Hydraulic Tube
5	340-157	1	Fitting-HYD, Tee
5:1	237-79	1	O-Ring
5:2	237-30	2	O-Ring
6	340-71	1	Fitting-Straight, Bulkhead
6:1	237-22	2	O-Ring
7	340-70	1	Nut-Lock
8	117-0708	1	Pump Control Valve ASM
9	340-17	2	Fitting-HYD, 90 DEG
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-Flat
13	322-14	4	Screw-HH

Ref.	Part Number	Qty.	Description
14	340-129	2	Fitting-HYD, 90 DEG
14:1	237-146	1	O-Ring
14:2	340-65	1	O-Ring
15	340-8	1	Adapter
15:1	237-65	1	O-Ring
15:2	237-81	1	O-Ring
16	117-0720	1	Tube ASM
16:1	237-58	1	O-Ring
16:2	237-30	1	O-Ring
17	100-5616	1	Fitting
18	340-98	1	Fitting-HYD, 90 DEG
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-Flange, 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



Hydraulic Pump and Filter Assembly (continued)

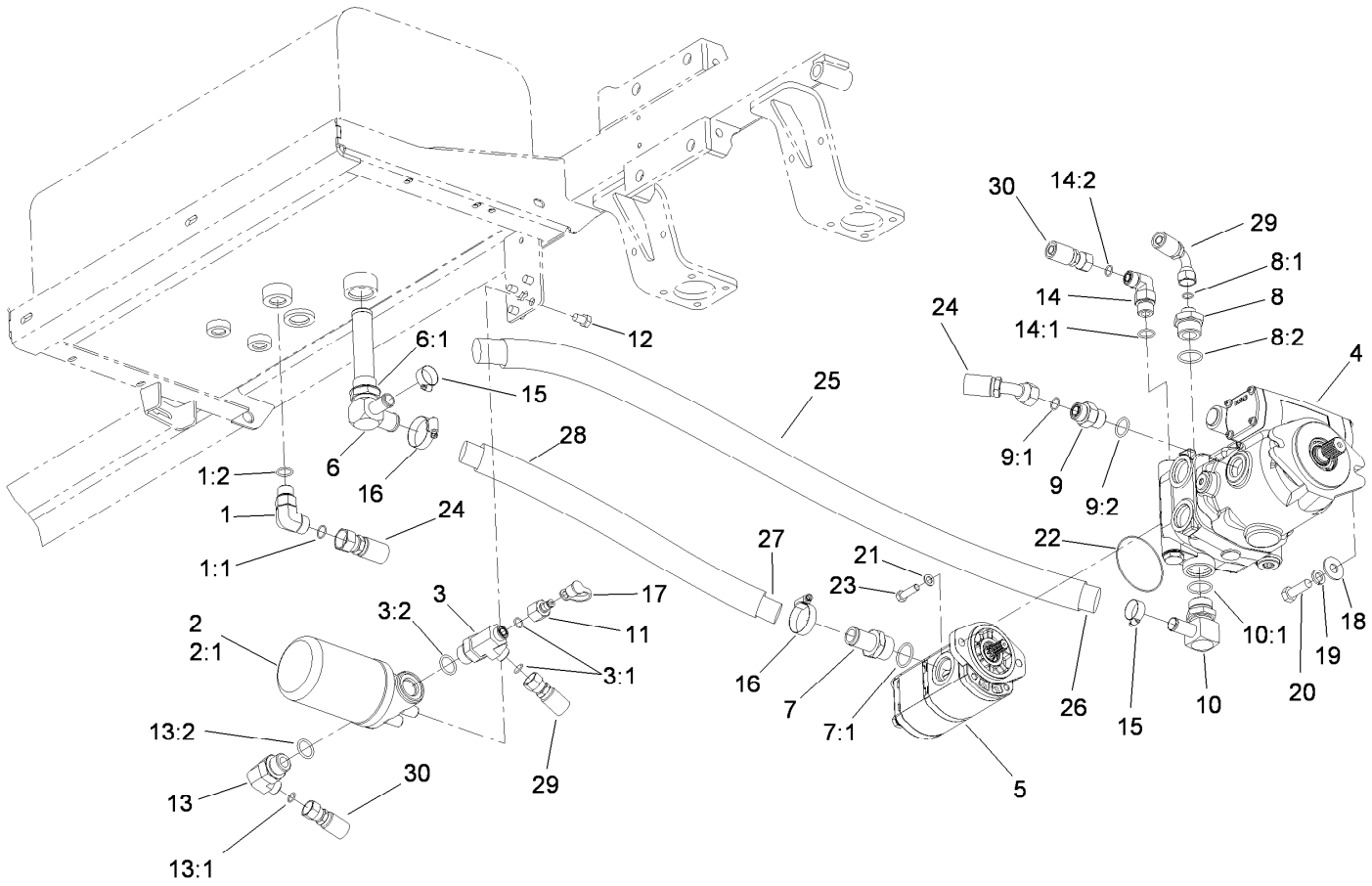
Ref.	Part Number	Qty.	Description
27	3234-11	1	Screw-HHF
28	117-0680	1	Hose ASM
29	117-0682	1	Hose ASM
30	119-0583	1	Hose ASM
31	119-5045	1	Hose-Suction
32	117-0687	1	Hose ASM
33	119-4977	1	Hose ASM
34	94-3688	1	Sleeve-Protective



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-HYD
10:1	237-78	1	O-Ring

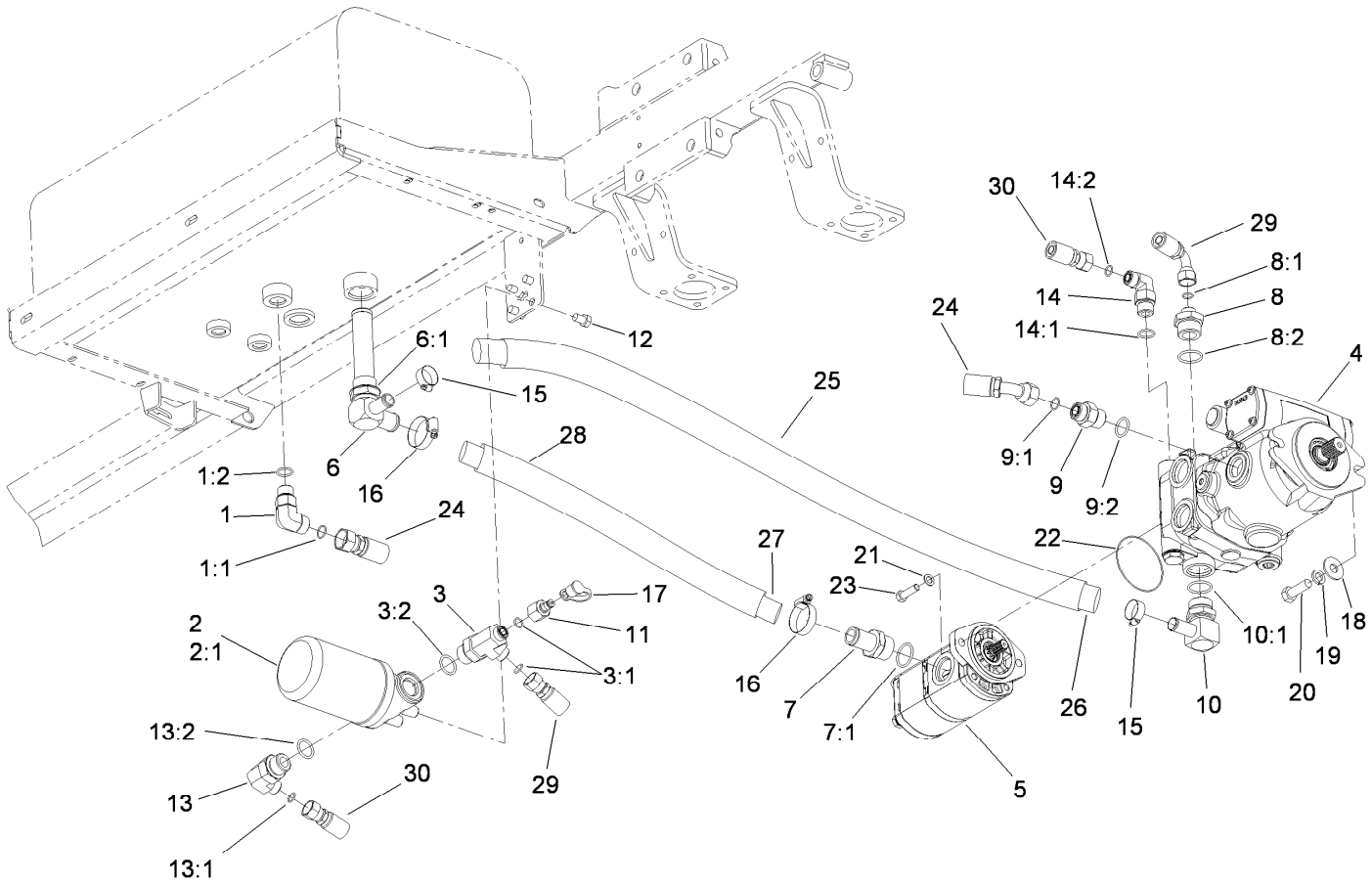
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Hydraulic Pump and Filter Assembly

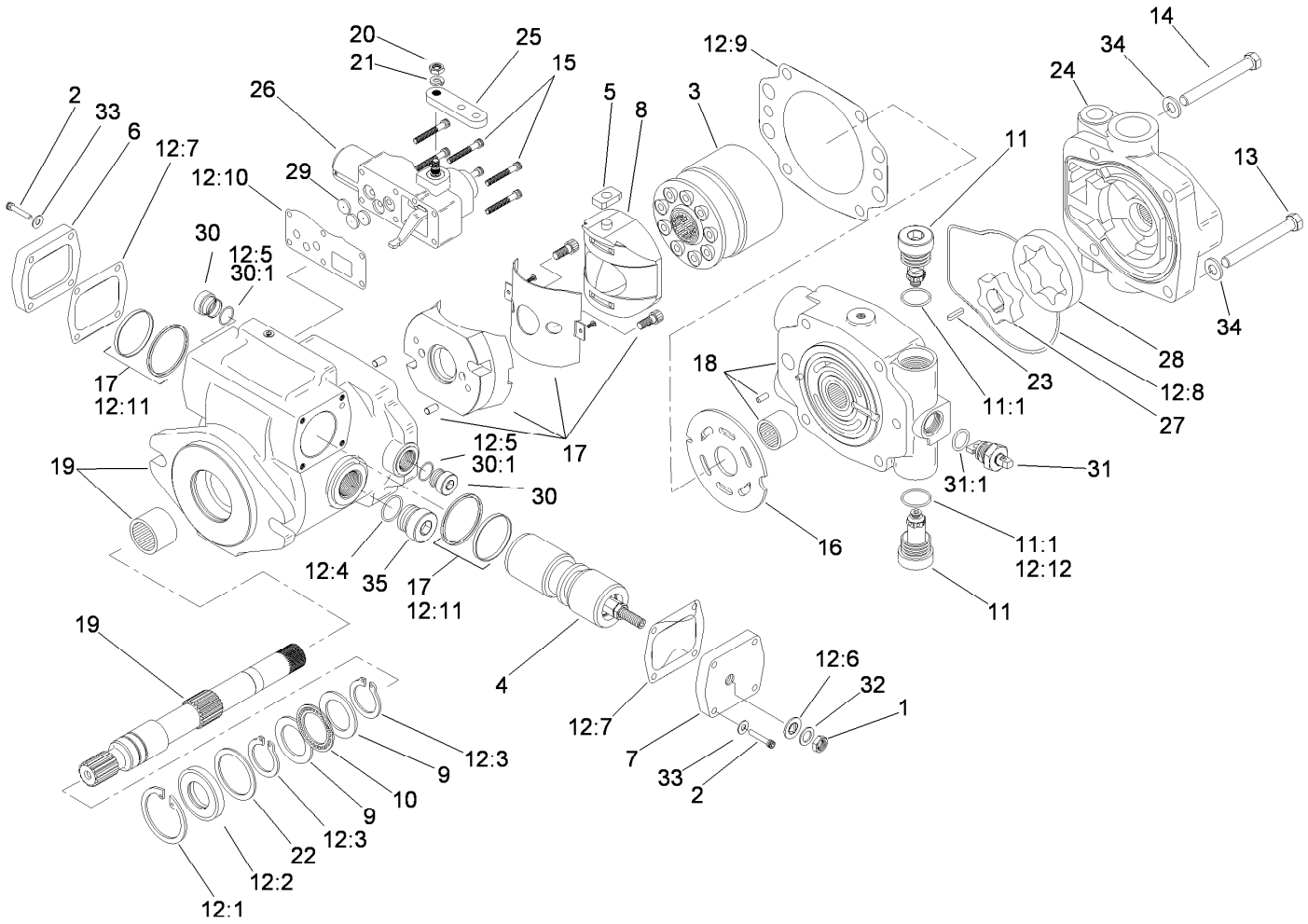
Ref.	Part Number	Qty.	Description
1	340-17	1	Fitting-HYD, 90 DEG
1:1	237-65	1	O-Ring
1:2	237-80	1	O-Ring
2	93-2242	1	Oil Filter ASM
2:1	75-1310	1	Filter-HYD
3	117-0676	1	Fitting-Tee
3:1	237-30	2	O-Ring
3:2	237-81	1	O-Ring
4	117-0685	1	Piston Pump ASM
5	119-5038	1	Tandem Pump ASM
6	117-0684	1	Stainer-Tee
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-Straight
8:1	237-30	1	O-Ring
8:2	237-146	1	O-Ring
9	340-8	1	Adapter
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-HYD, 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	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 ASM
30	117-0729	1	Hose ASM



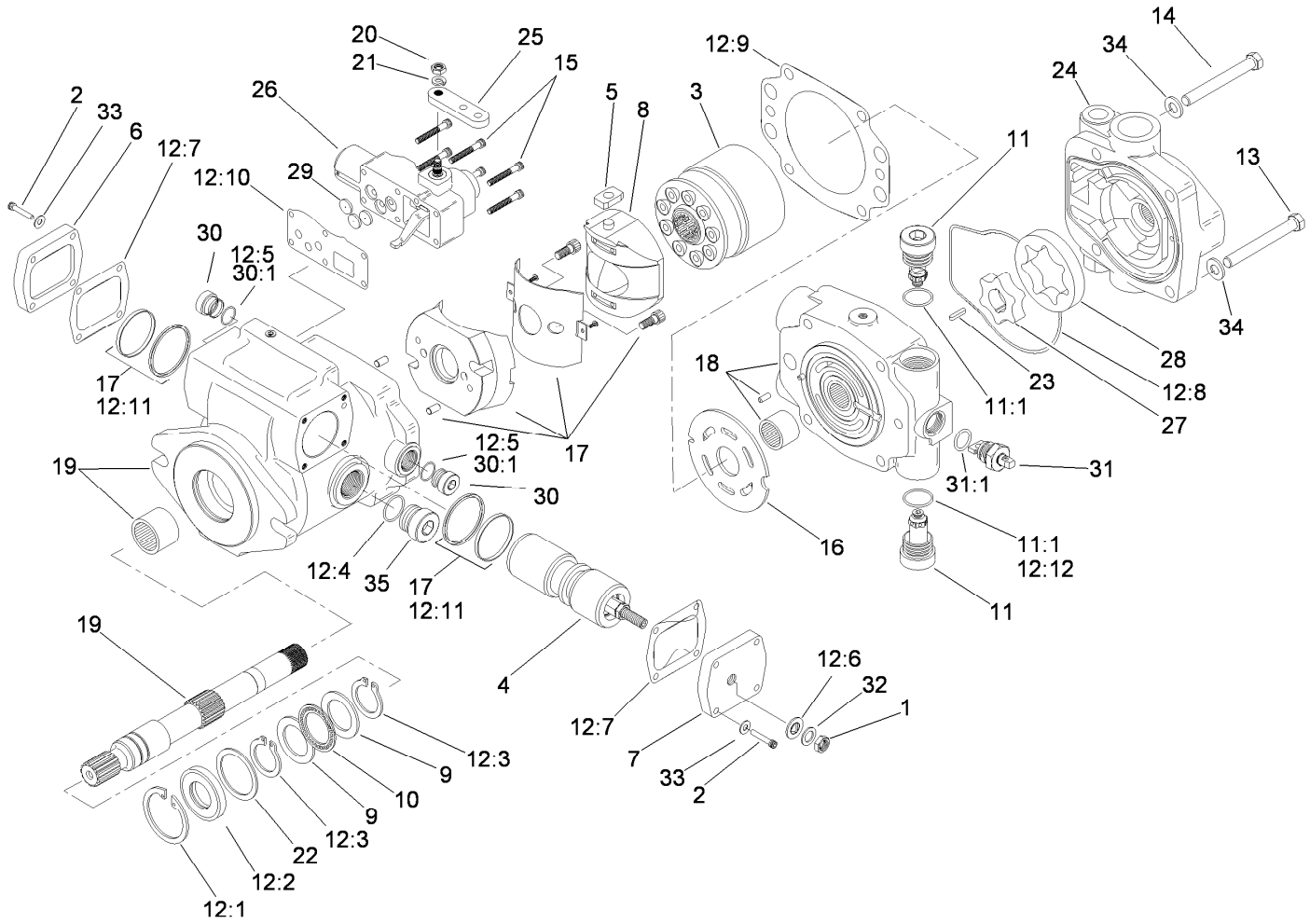
Piston Pump Assembly No. 117-0685

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	Servo Piston ASM
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



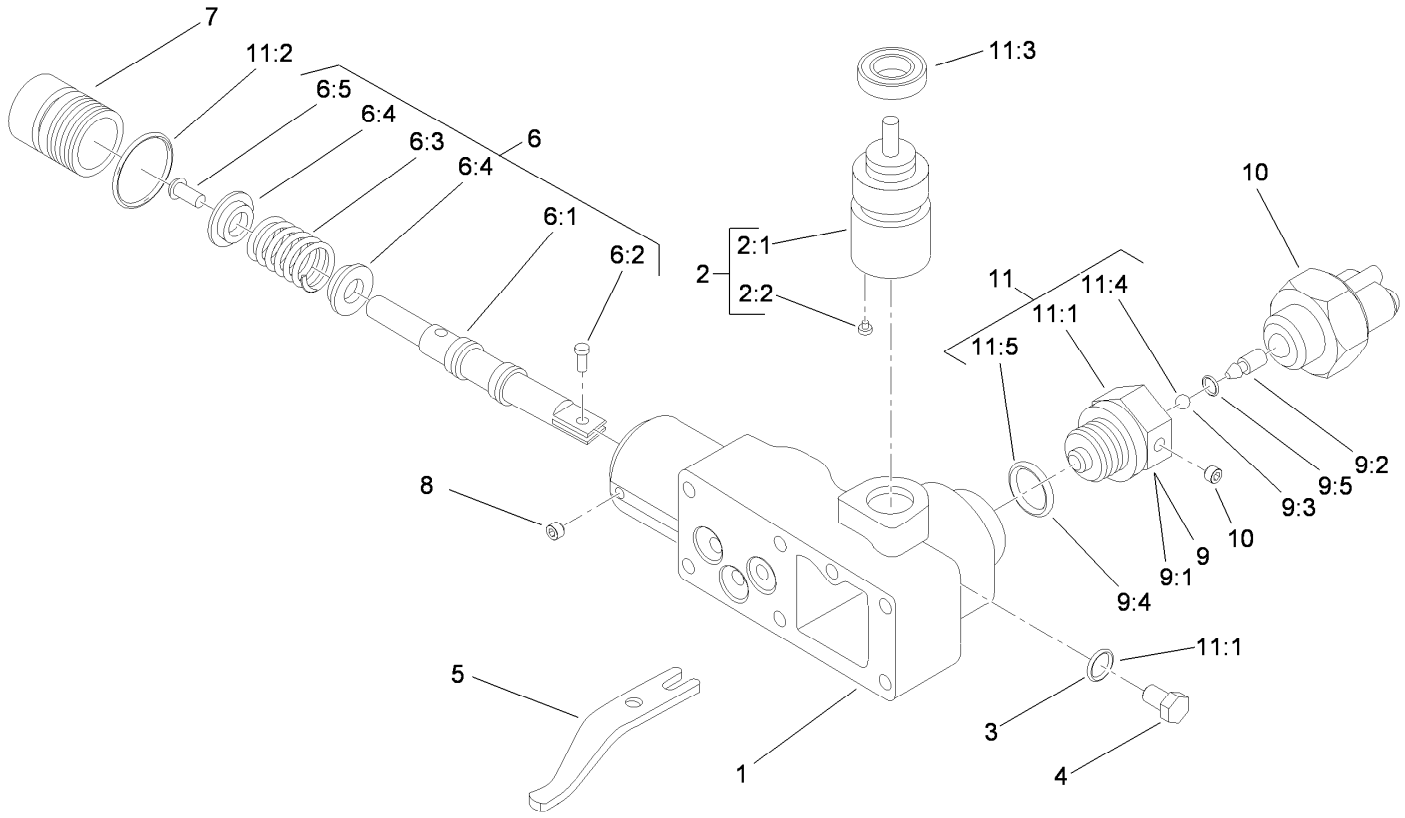
Piston Pump Assembly No. 117-0685 (continued)

Ref.	Part Number	Qty.	Description
24	95-2110	1	Adaptor ASM
25	105-2862	1	Arm-Control
26	115-4446	1	Manual Servo Control ASM
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

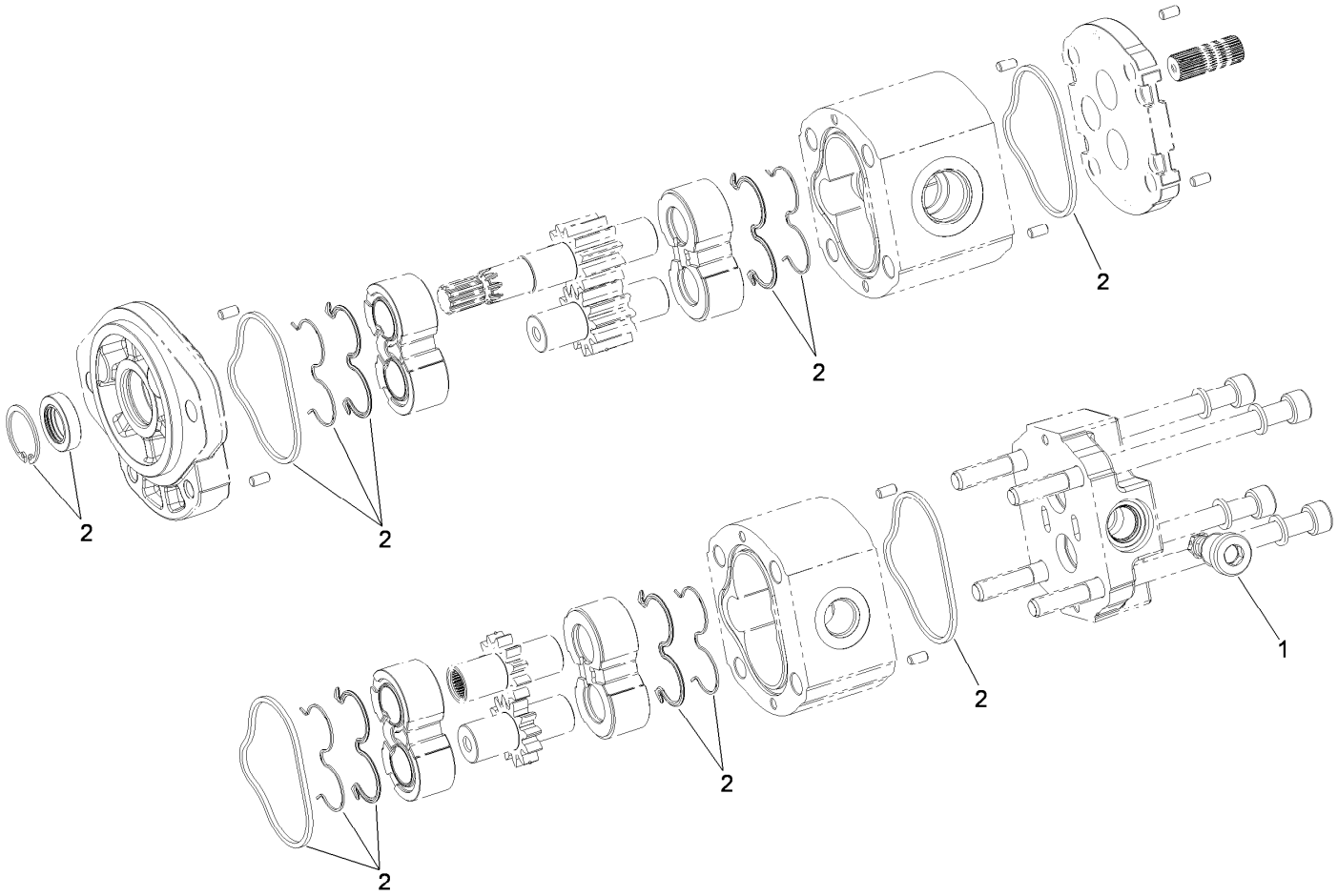


Control Assembly No. 115-4446

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 ●

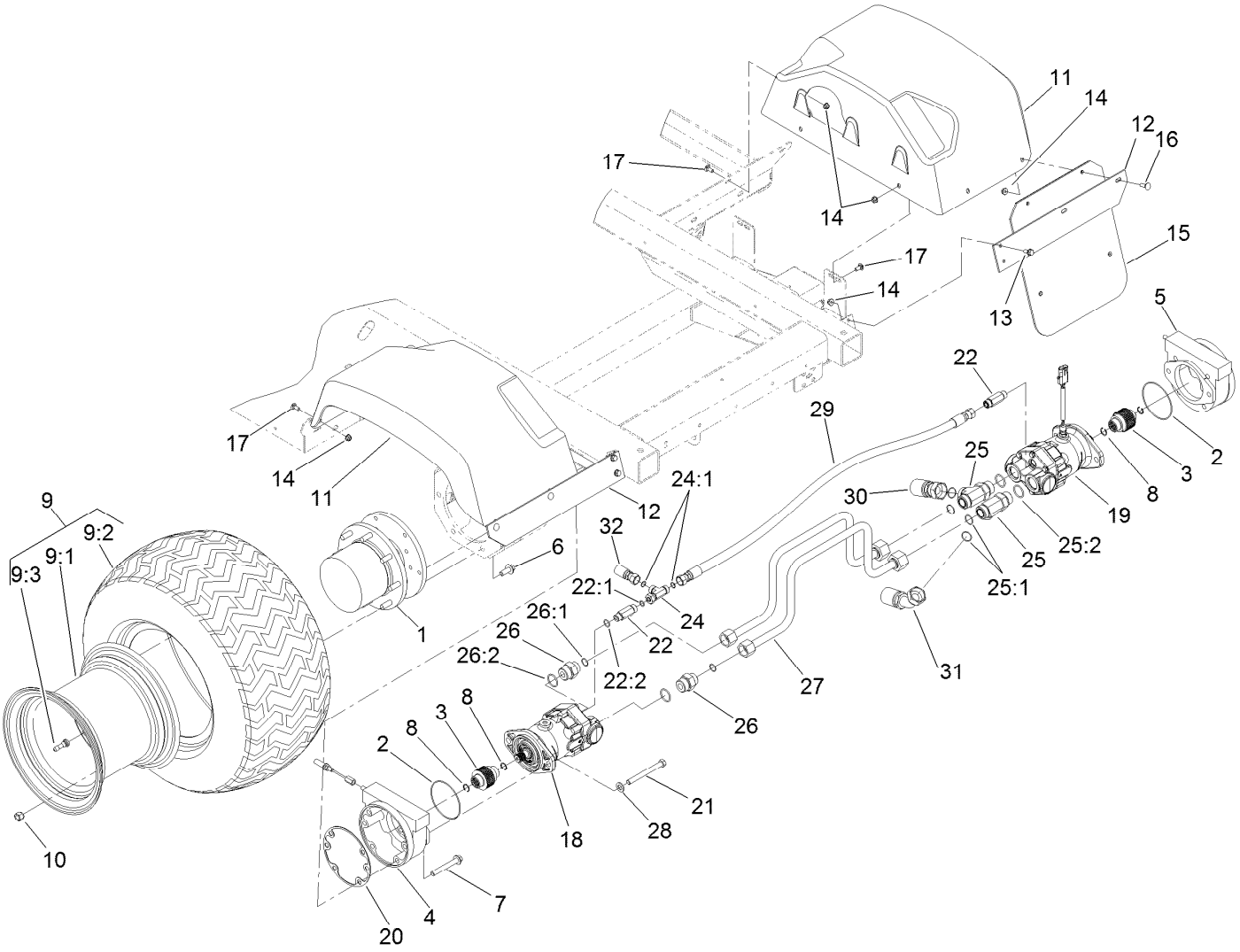
Ref.	Part Number	Qty.	Description
8		2	Screw-Set ●
9	108-8003	1	Adaptor ASM
9:1		1	Adaptor-Lockout, Neutral ●
9:2		1	Pin ●
9:3		1	Ball ●
9:4		1	O-Ring ●
9:5		1	O-Ring ●
10	115-3795	1	Switch-Neutral
11	94-3044	1	Seal Kit
11:1	117-8979	1	Seal-Shaft
11:2	105-2901	1	Gasket-Housing, Control
11:3		1	O-Ring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

● Not serviced separately



Tandem Pump Assembly No. 119-5038

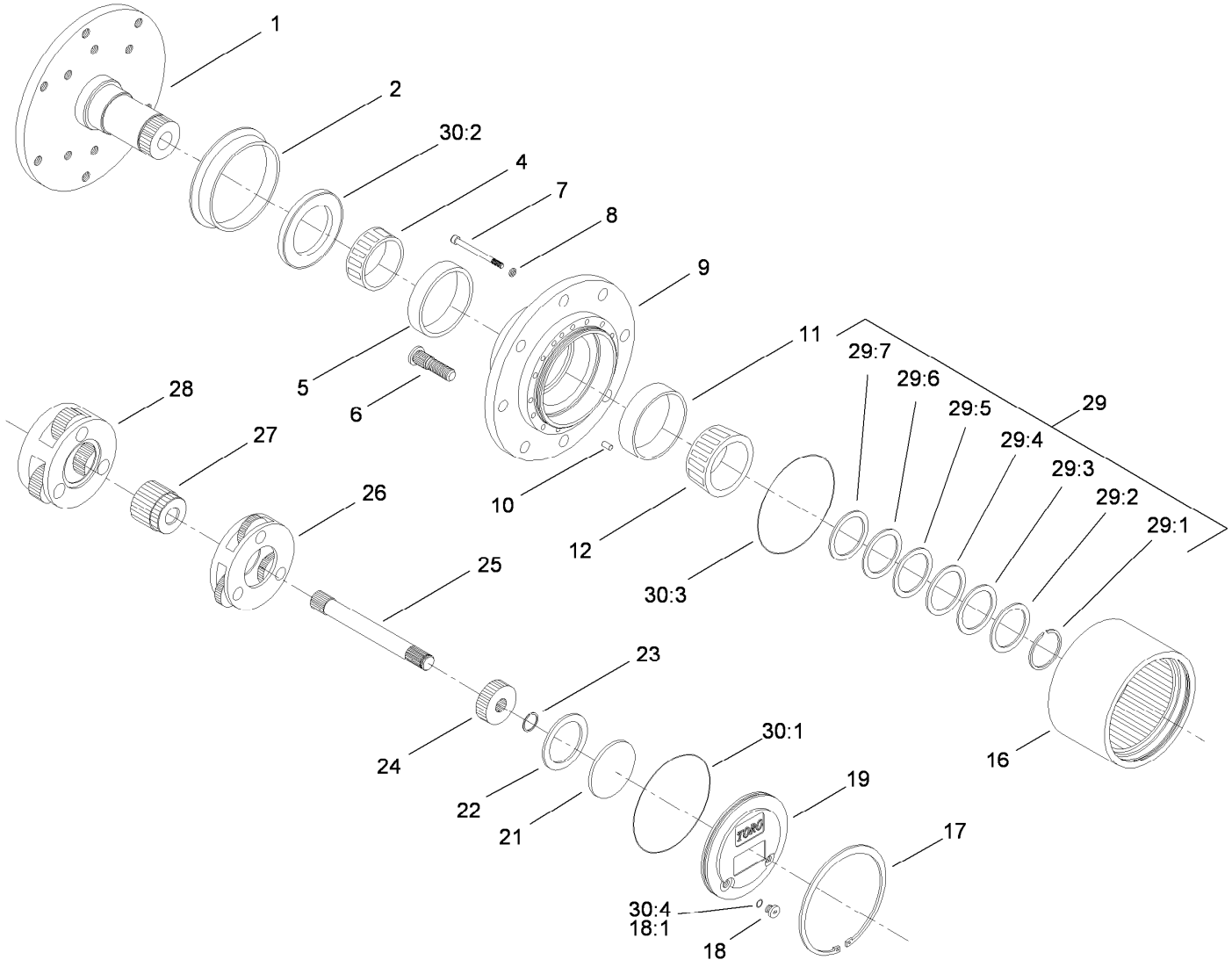
Ref.	*Part Number*	*Qty.*	*Description*
1	120-5156	1	Valve-Relief
2	120-5155	1	Seal Kit



Rear Wheel, Fender and Motor 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	119-6024	2	Tire And Wheel ASM
9:1	119-6026	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-Flange, NI
15	94-7127	2	Splash Guard ASM
16	3230-2	4	Bolt-CARR
17	3230-1	8	Bolt-CARR
18	93-6488	1	Hydraulic Motor ASM

Ref.	Part Number	Qty.	Description
19	93-6489	1	Hydraulic Motor ASM
20	93-7984	2	Gasket
21	33116-120	4	Screw-HH
22	119-4854	2	Fitting-HYD, Straight
22:1	237-30	1	O-Ring
22:2	237-79	1	O-Ring
24	340-104	1	Tee-Fitting
24:1	237-30	2	O-Ring
25	104-3795	2	Fitting-HYD, Tee
25:1	340-65	2	O-Ring
25:2	237-146	1	O-Ring
26	340-91	2	Adapter
26:1	237-58	1	O-Ring
26:2	237-146	1	O-Ring
27	117-0674	2	Tube-Traction
28	33096-00	4	Washer-Flat
29	110-5073	1	Hose ASM
30	120-8563	1	Hose ASM
31	120-8564	1	Hose ASM
32	119-0582	1	Hose ASM



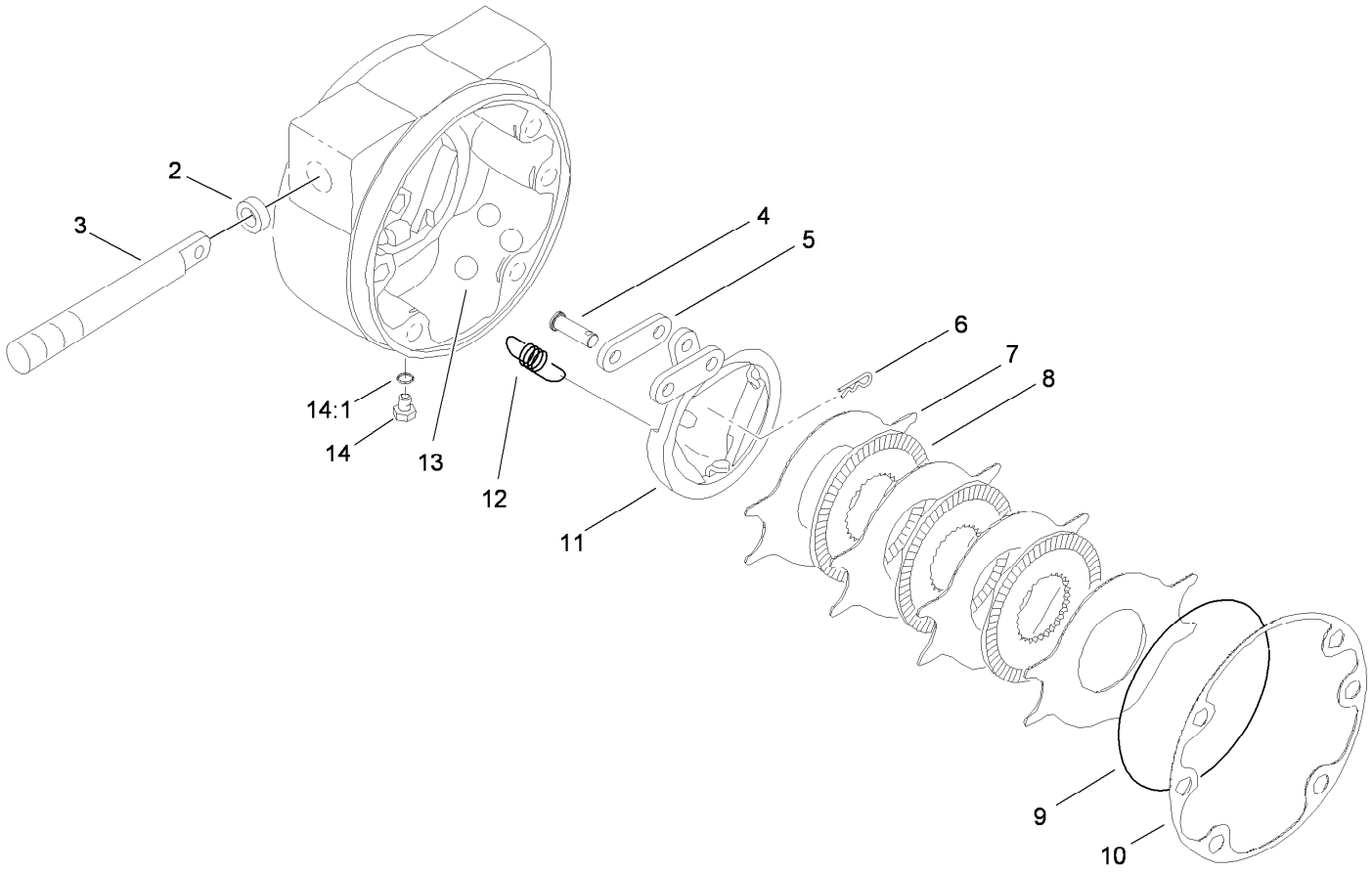
Planetary Assembly No. 105-4500

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

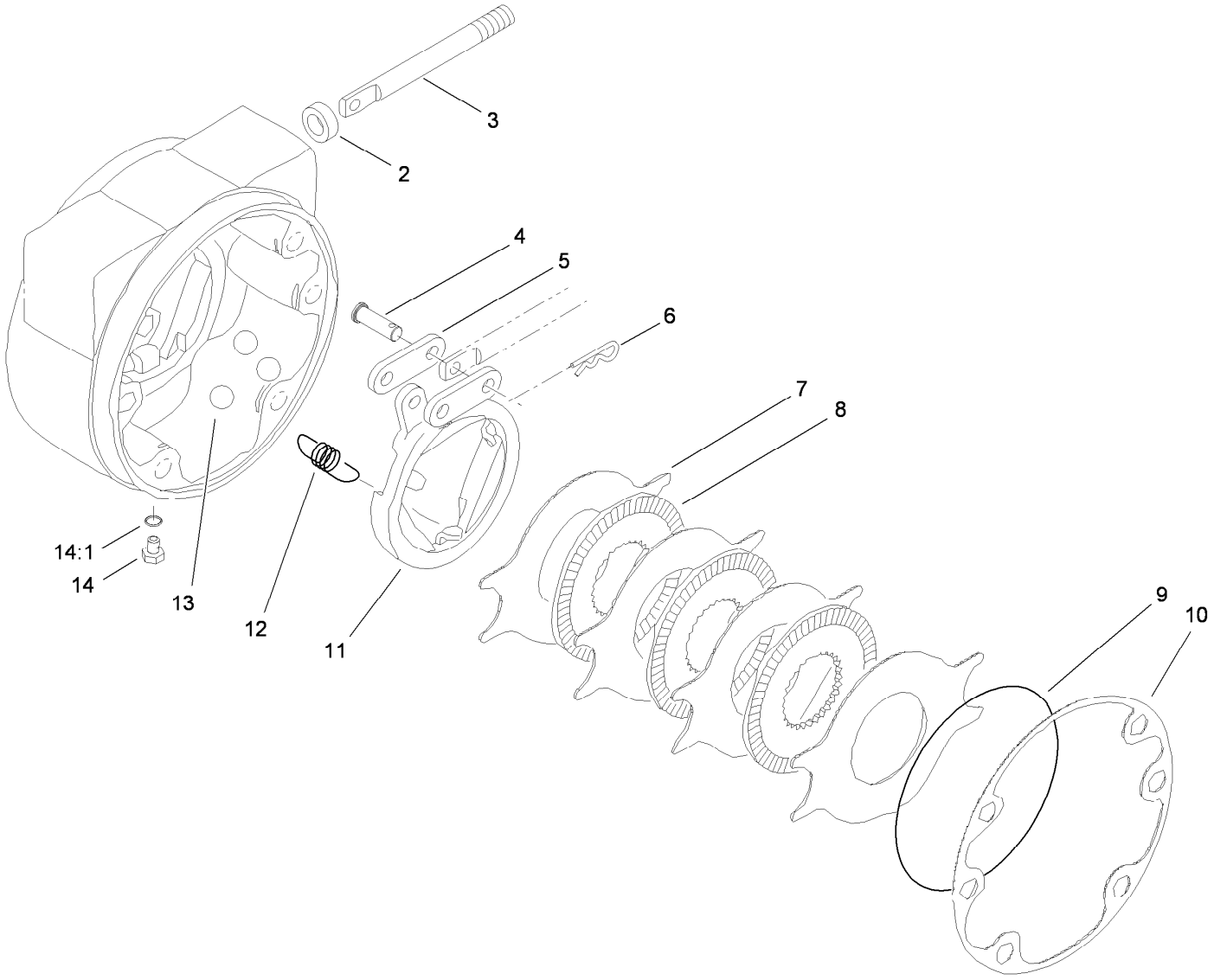
● Not illustrated

■ Not serviced separately



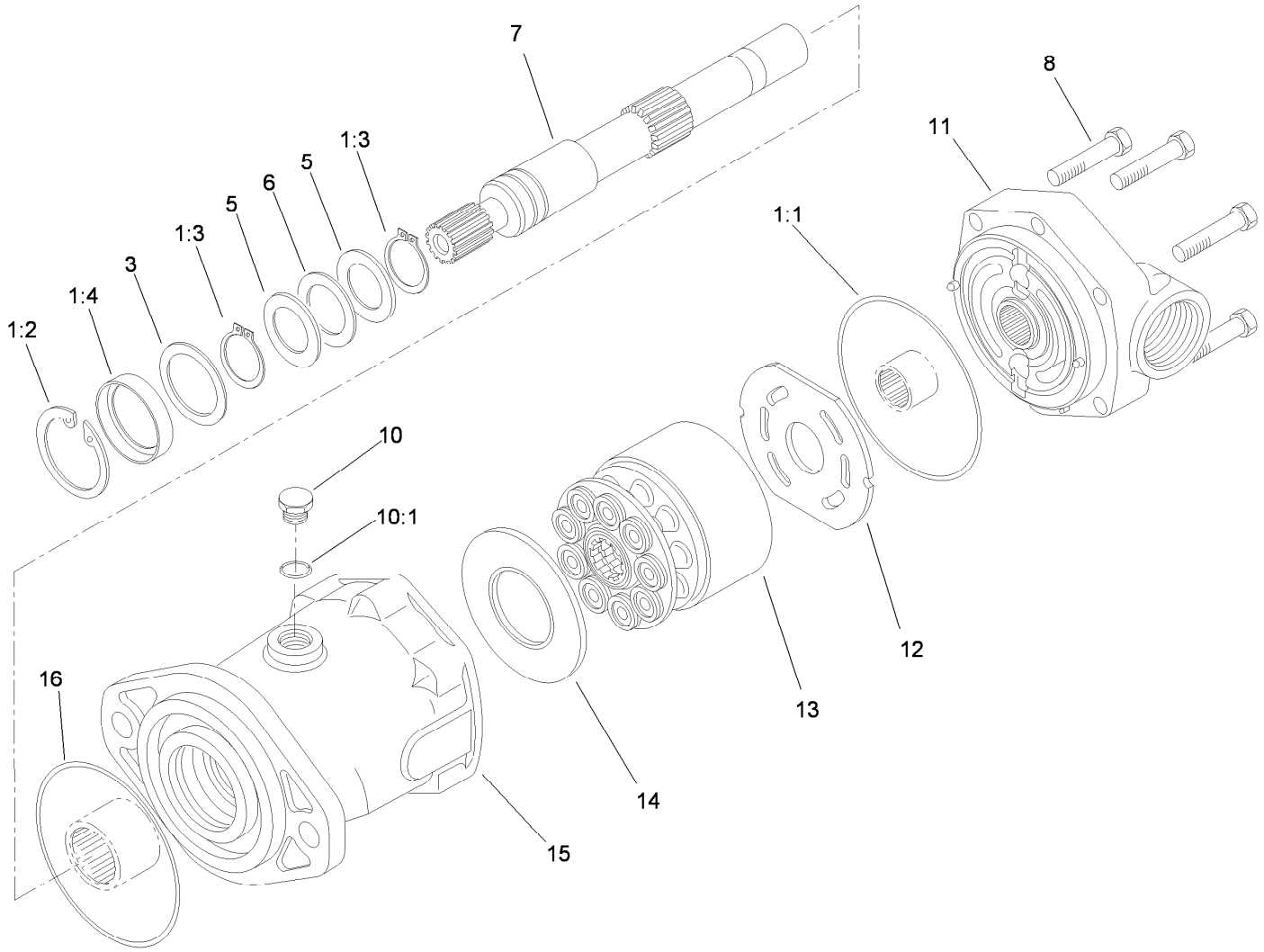
Brake Assembly No. 100-3069

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



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



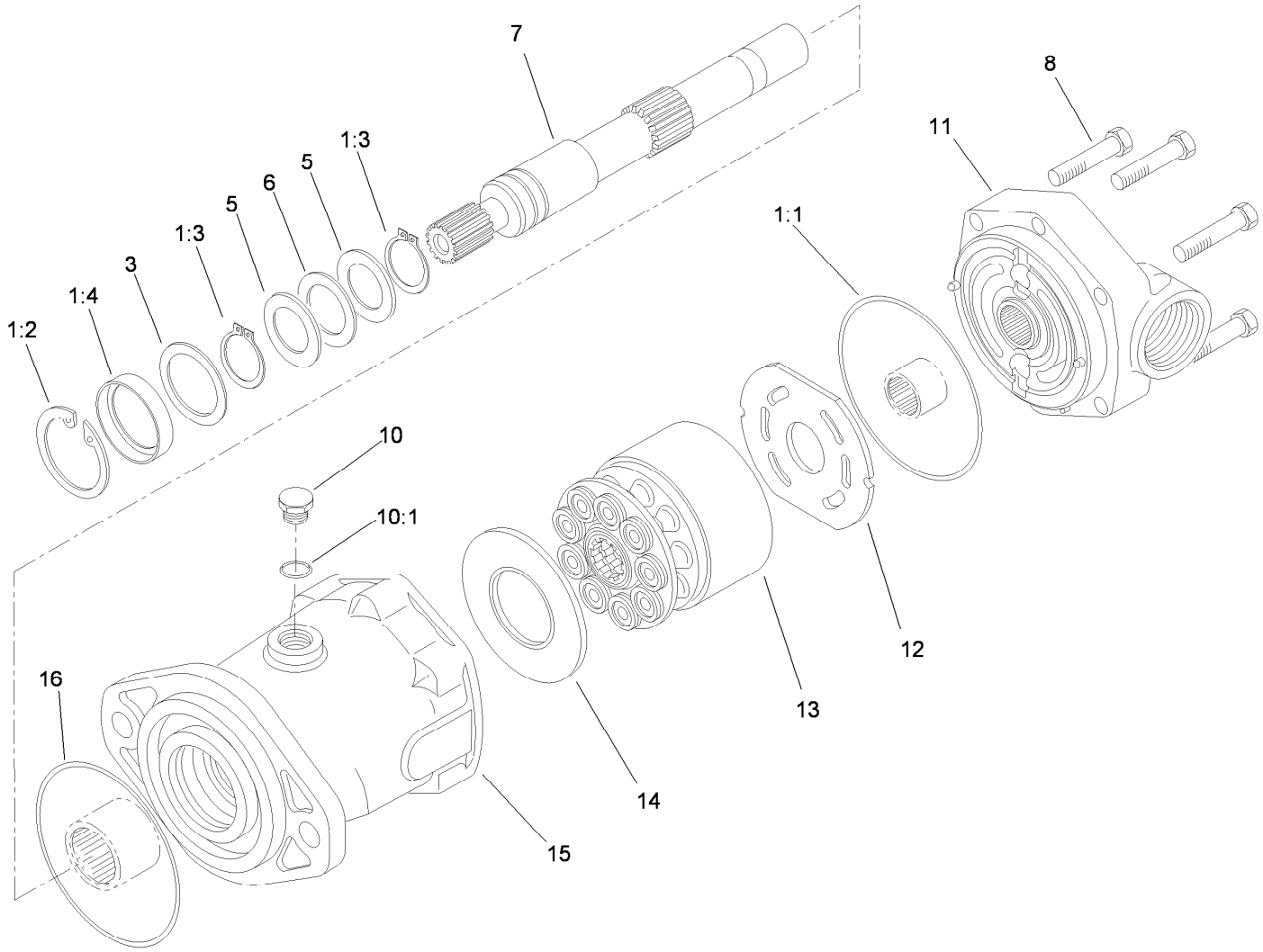
Hydraulic Motor Assembly No. 93-6488

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
7	94-3004	1	Shaft-Drive, Splined

Ref.	Part Number	Qty.	Description
8	94-3002	6	Capscrew
10	94-3009	1	Plug
10:1		1	O-Ring ■
11		1	Backplate ASM ■
12	94-3003	1	Plate-Valve
13	76-6910	1	Rotating Kit
14	76-6970	1	Insert-Plate, Cam
15		1	Housing ■
16	237-166	1	O-Ring

● Not illustrated

■ Not serviced separately



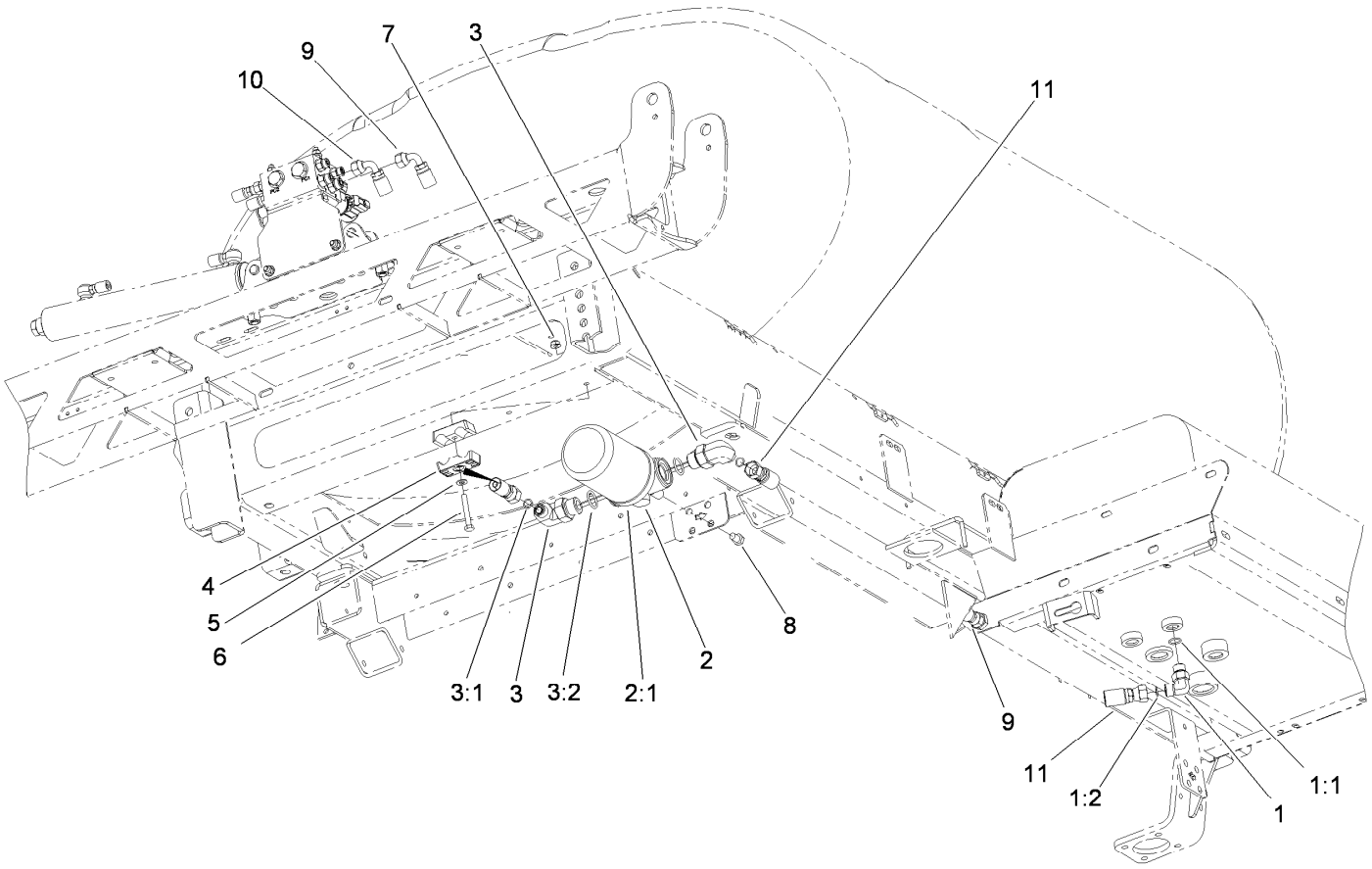
Hydraulic Motor Assembly No. 93-6489

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
7	94-3004	1	Shaft-Drive, Splined

Ref.	Part Number	Qty.	Description
8	94-3002	6	Capscrew
10	94-3010	1	Sensor-Speed, Pickup
10:1		1	O-Ring ■
11		1	Back Plate ASM ■
12	94-3003	1	Plate-Valve
13	76-6910	1	Rotating Kit
14	76-6970	1	Insert-Plate, Cam
15		1	Housing ■
16	237-166	1	O-Ring

● Not illustrated

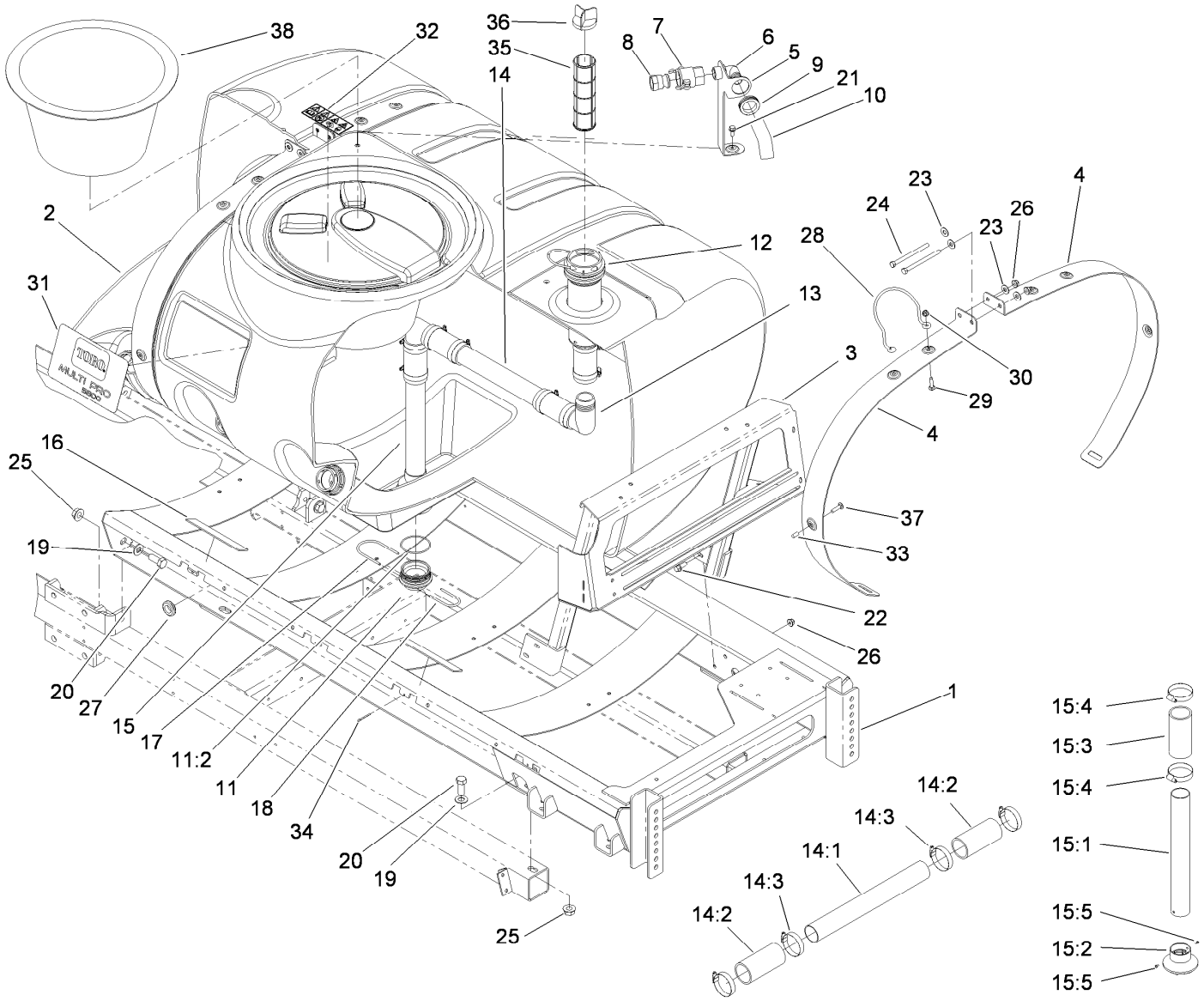
■ Not serviced separately



Boom Lift Hydraulic System

Ref.	Part Number	Qty.	Description
1	340-98	1	Fitting-HYD, 90 DEG
1:1	237-79	1	O-Ring
1:2	237-30	1	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

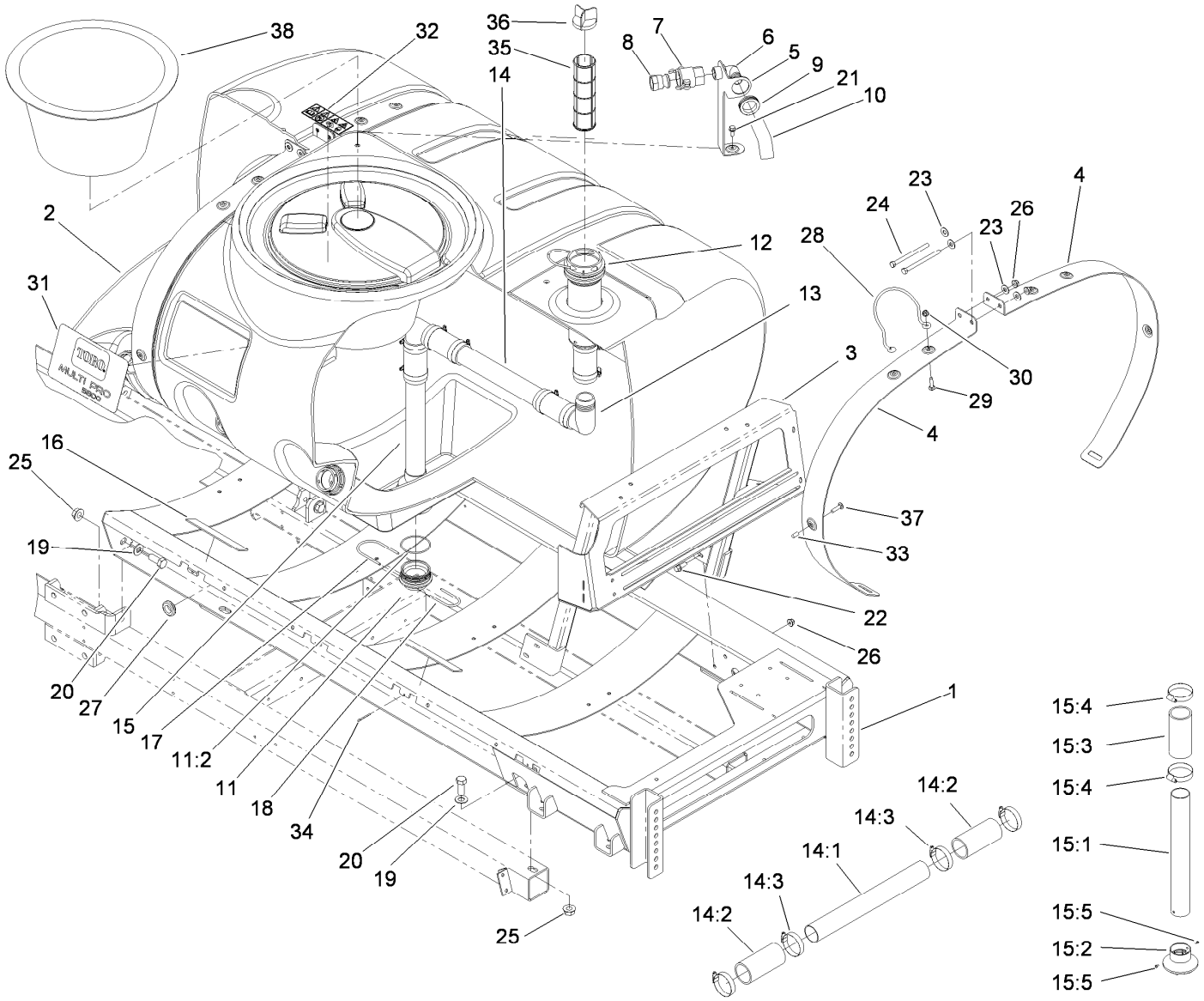
Ref.	Part Number	Qty.	Description
4	94-8105	2	Clamp-Tube
5	3256-23	1	Washer-Flat
6	322-11	1	Screw-HH
7	104-8300	1	Nut-Flange, NI
8	33115-016	4	Screw-HH
9	119-0588	1	HYD Hose ASM
10	119-0587	1	HYD Hose ASM
11	106-3672	1	HYD Hose ASM



Saddle and Tank Mount

Ref.	Part Number	Qty.	Description
1	117-8010-03	1	Tank Saddle ASM
2	117-8005	1	Tank ASM
3	117-7927-03	1	Valve-Support
4	117-8029-03	4	Band-Tank
5	110-5082-03	1	Bracket-Anti-Siphon
6	41140	1	Elbow
7	100-6779	1	Coupling-Female
8	41316	1	Adapter-Quick
9	110-5090	1	Grommet
10	110-5088	1	Hose-Fill
11	117-7928	1	Adapter ASM
11:2	100-6989	1	O-Ring
12	120-0716	1	Filter ASM
13	104-9095	2	Elbow
14	117-7955	1	Middle Suction Tube ASM
14:1	117-7953	1	Tube-Suction, Middle
14:2	100-8649	2	Hose-Suction
14:3	2412-125	4	Clamp-Hose
15	117-7956	1	Lower Suction Tube ASM
15:1	117-7954	1	Tube-Suction, Lower
15:2	100-6714	1	Foot-Tube, Suction

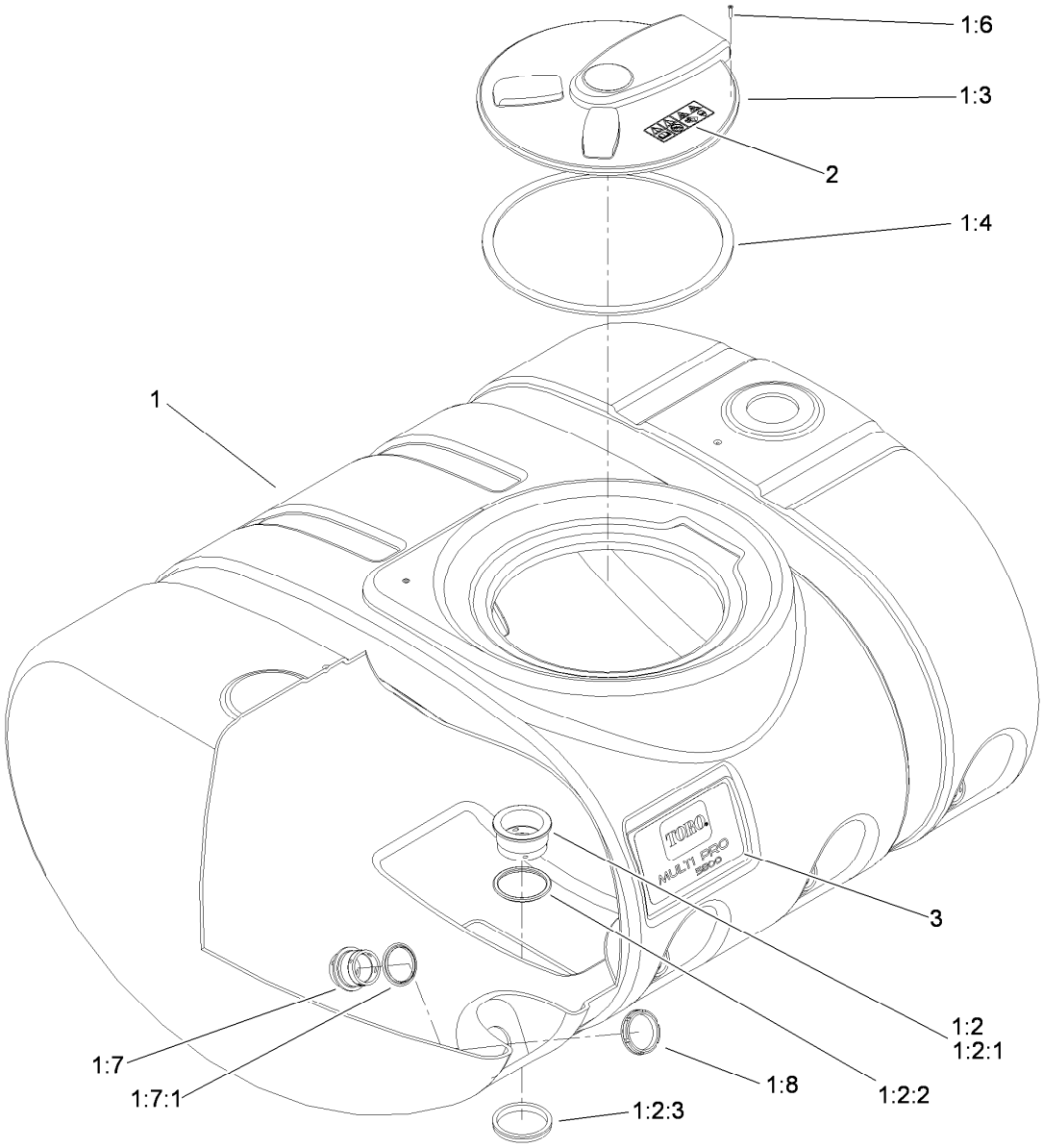
Ref.	Part Number	Qty.	Description
15:3	100-8649	1	Hose-Suction
15:4	2412-125	2	Clamp-Hose
15:5	108-3270	2	Screw-TAP
16	104-7102	4	Pad-Battery
17	117-7996	1	Fork
18	100-8635	1	Fork
19	3256-27	4	Washer-Flat
20	327-4	4	Screw-HH
21	3234-5	1	Screw-HHF
22	3234-11	4	Screw-HHF
23	3256-4	8	Washer-Flat
24	120-0649	4	Bolt-TAP HH
25	32128-50	4	Nut-Flange
26	104-8301	8	Nut-Flange, NI
27	1-543286	1	Grommet
28	119-5019	1	Stop-Lid
29	3230-2	2	Bolt-CARR
30	104-8300	3	Nut-Flange, NI
31	119-5042	2	Decal-Tank
32	120-0622	1	Decal-Warning
33	42452	5	Cap-Protective



Saddle and Tank Mount (continued)

Ref.	Part Number	Qty.	Description
34	3290-343	4	Pin-Hair
35	100-8642	1	Screen-Suction
35	100-6991	1	Element-Filter, Green
35	100-6992	1	Element-Filter, Red

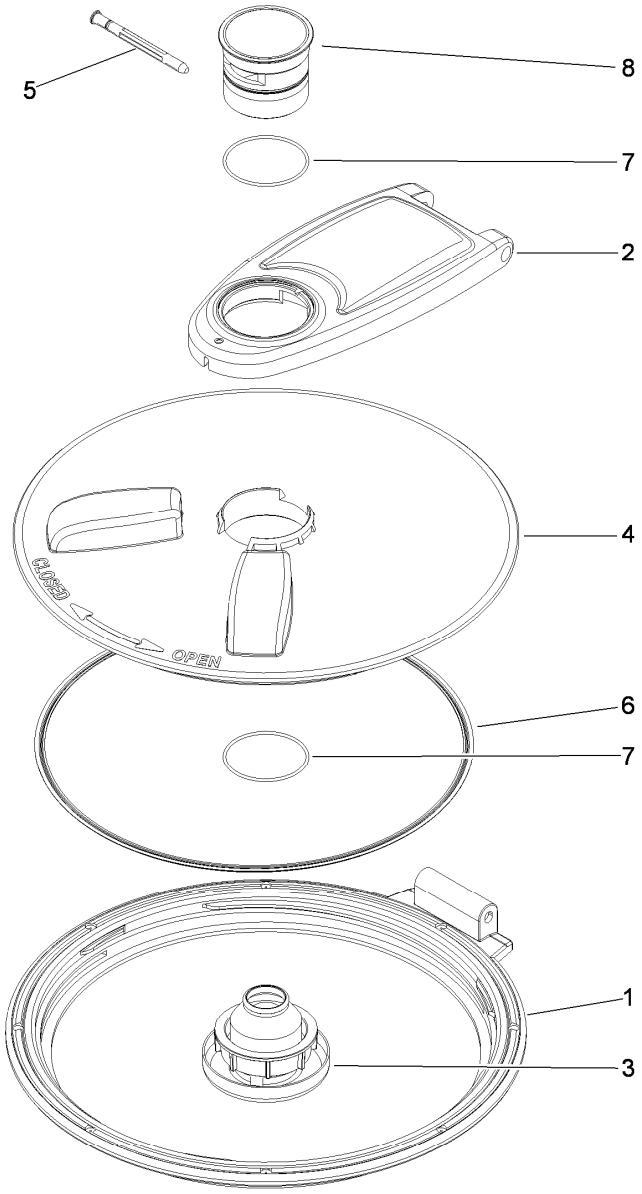
Ref.	Part Number	Qty.	Description
36	100-8641	1	Vane-Screen
37	3230-1	5	Bolt-CARR
38	119-9419	1	Basket-Filter



Tank Assembly No. 117-8005

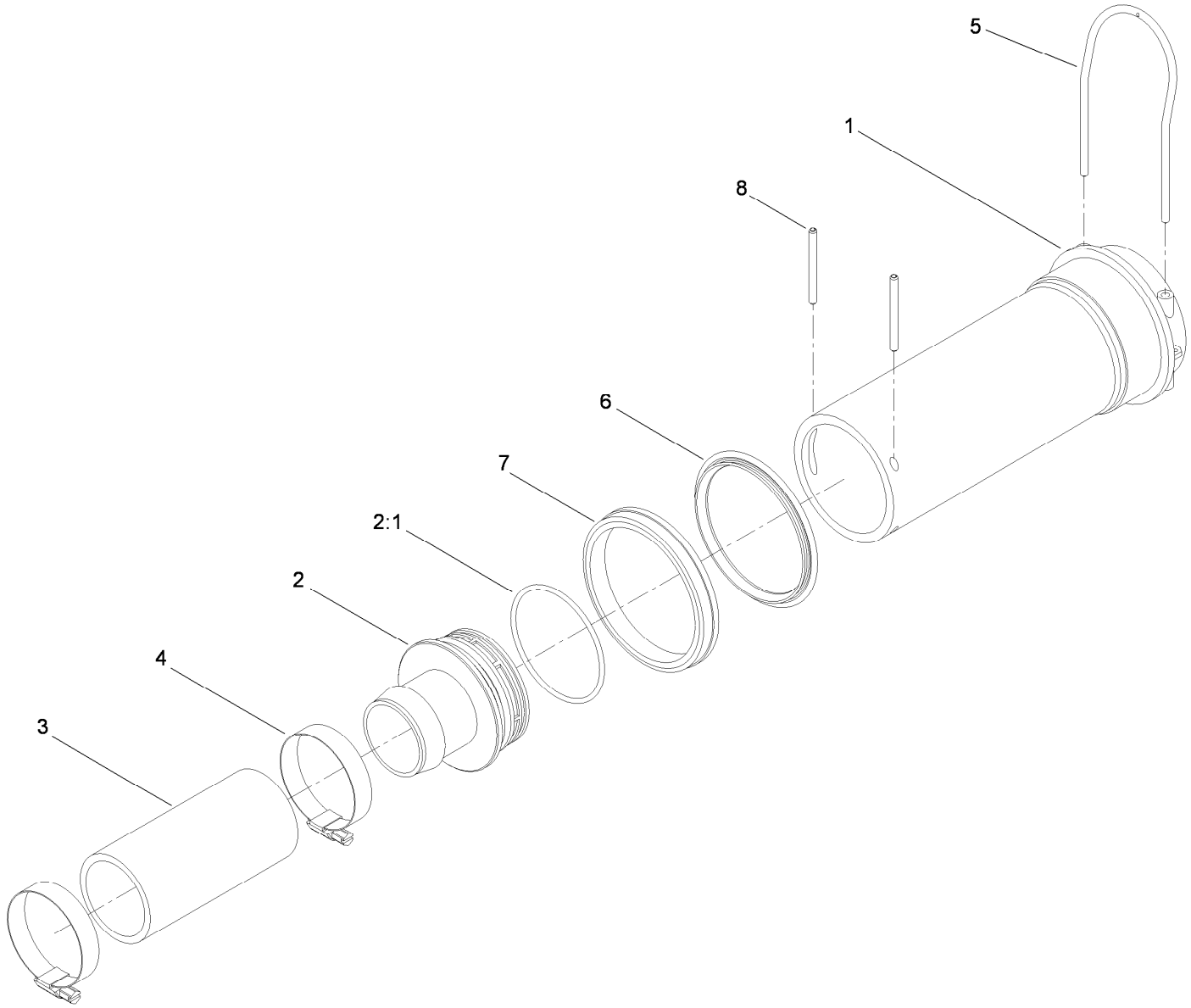
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Tank ASM ●
1:2	117-7851	1	Bulkhead ASM
1:2:1	117-7850	1	Fitting-Bulkhead
1:2:2	100-8646	1	Gasket-Bulkhead
1:2:3	100-8647	1	Nut-Bulkhead
1:3		1	Spray Tank Lid ASM ●
1:4	119-9378	1	Gasket-Lid, Tank
1:6	107-8635	8	Screw-PFH
1:7	108-3358	4	Fitting-Bulkhead
1:7:1	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



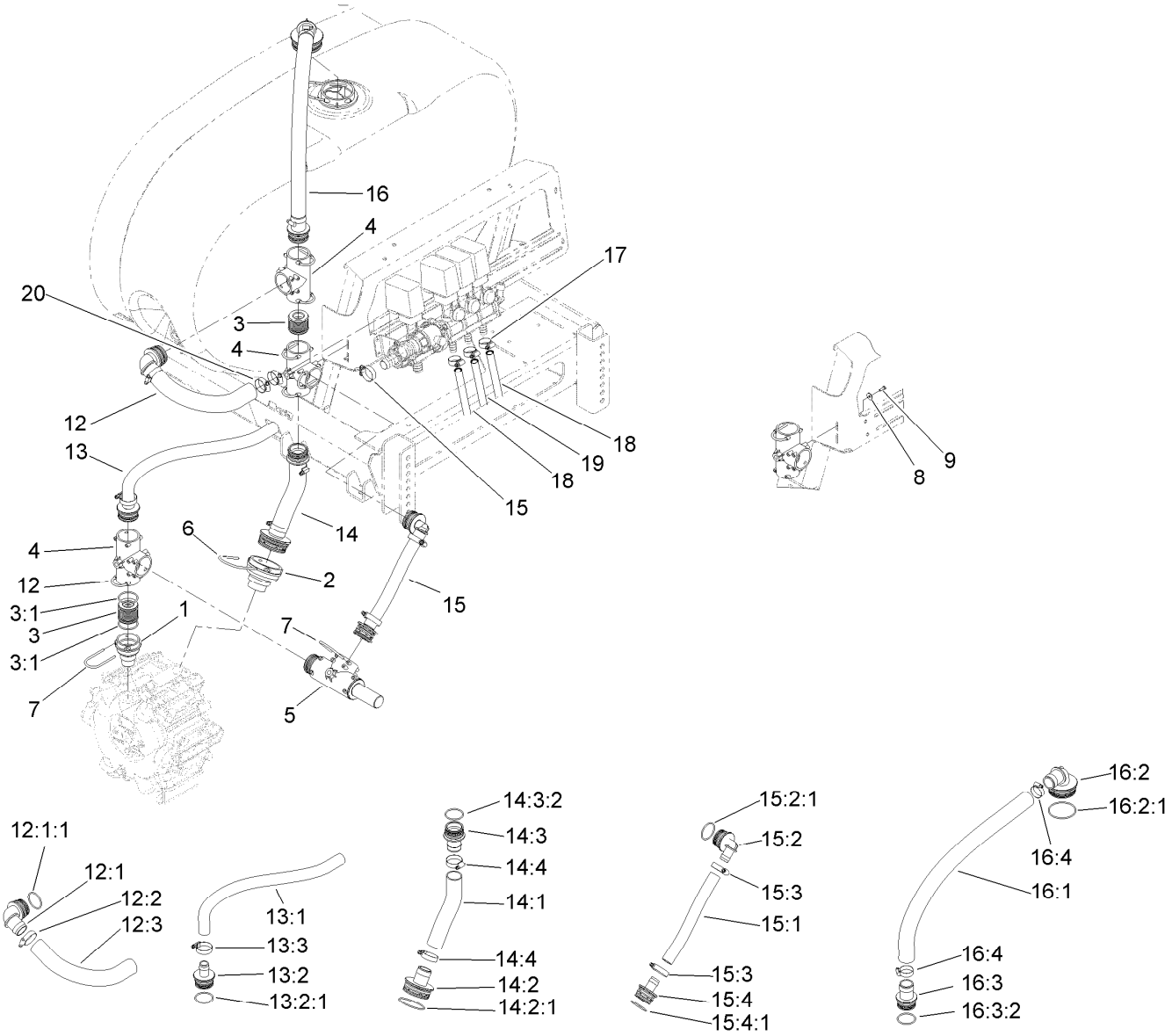
Spray Tank Lid Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	119-9381	1	Ring-Lid
2	119-9382	1	Arm-Lid
3	119-9383	1	Lid Vent ASM
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



Filter Assembly No. 120-0716

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	100-8649	1	Hose-Suction
4	2412-125	2	Clamp-Hose
5	100-8636	1	Fork-Special
6	100-8646	1	Gasket-Bulkhead
7	100-8647	1	Nut-Bulkhead
8	100-8644	2	Pin-Expansion

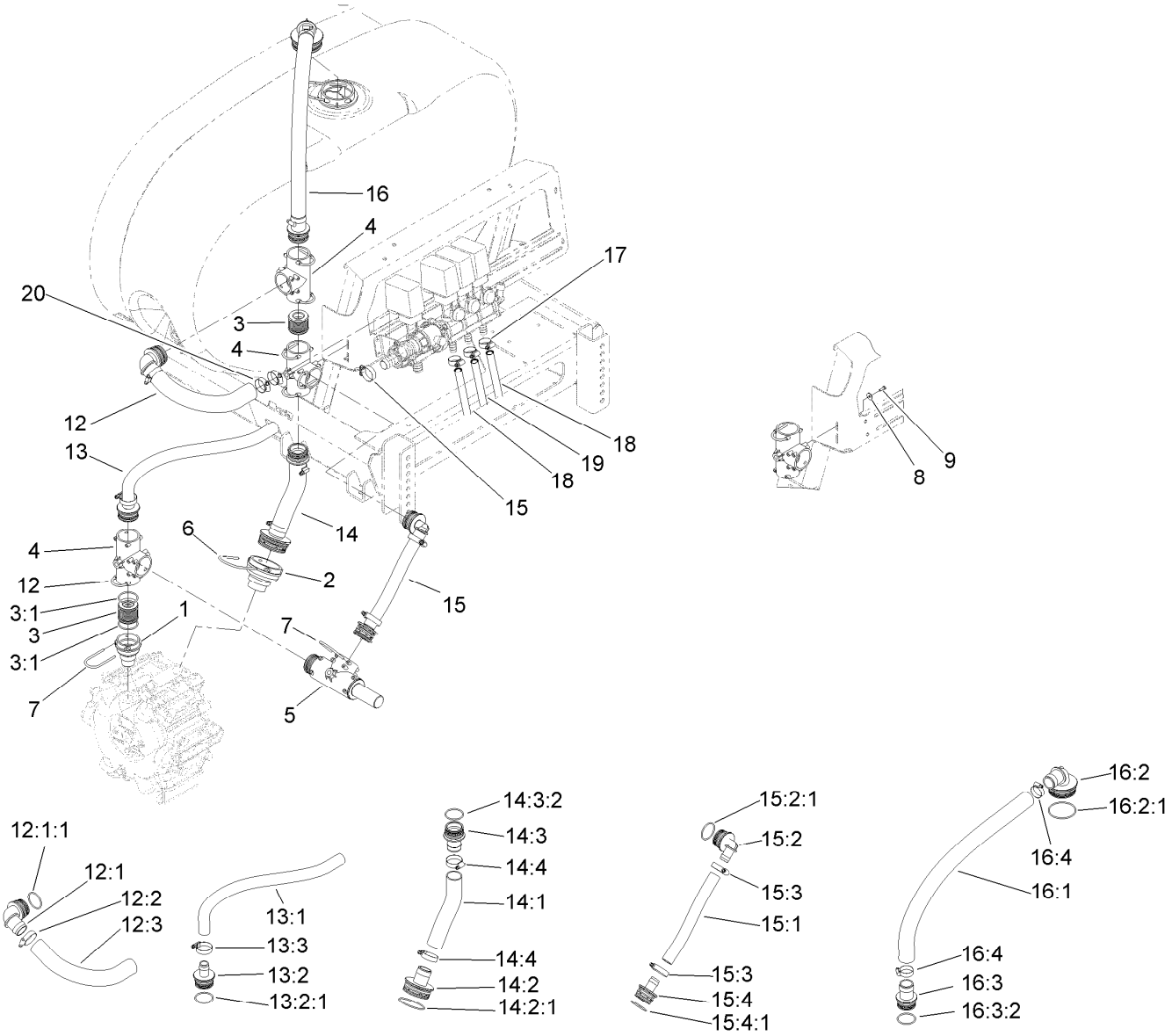


Spray System Supply Assembly

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	13	Fork
8	3256-61	2	Washer-Flat
9	32144-32	2	Screw
12		1	Agitation Bypass Hose ASM ●
12:1	110-5156	1	Suction Elbow ASM
12:1:1	100-8637	1	O-Ring
12:2	41327	1	Clamp-Hose
12:3	119-0520	1	Hose-Agitation, Bypass
13		1	Supply Hose ASM ●
13:1	119-0445	1	Hose-Main Supply

Ref.	Part Number	Qty.	Description
13:2	106-4932	1	Hosebarb-Straight
13:2:1	100-8637	1	O-Ring
13:3	2412-3	1	Clamp-Hose
14		1	Lower-Suciton, Hose ASM ●
14:1	117-7960	1	Hose-Suction,Lower
14:2	117-7965	1	Hosebarb ASM
14:2:1	100-6989	1	O-Ring
14:3	117-7982	1	Hosebarb ASM
14:3:2	100-8637	1	O-Ring
14:4	41327	2	Clamp-Hose
15		1	Pressure Relief Hose ASM ●
15:1	117-7958	1	Hose-Pressure Relief
15:2	106-4933	2	Hosebarb ASM
15:2:1	100-8637	1	O-Ring
15:3	2412-3	2	Clamp-Hose
15:4	106-4932	1	Hosebarb-Straight
15:4:1	100-8637	1	O-Ring
16		1	Upper Suction Hose ASM ●

● Not serviced separately

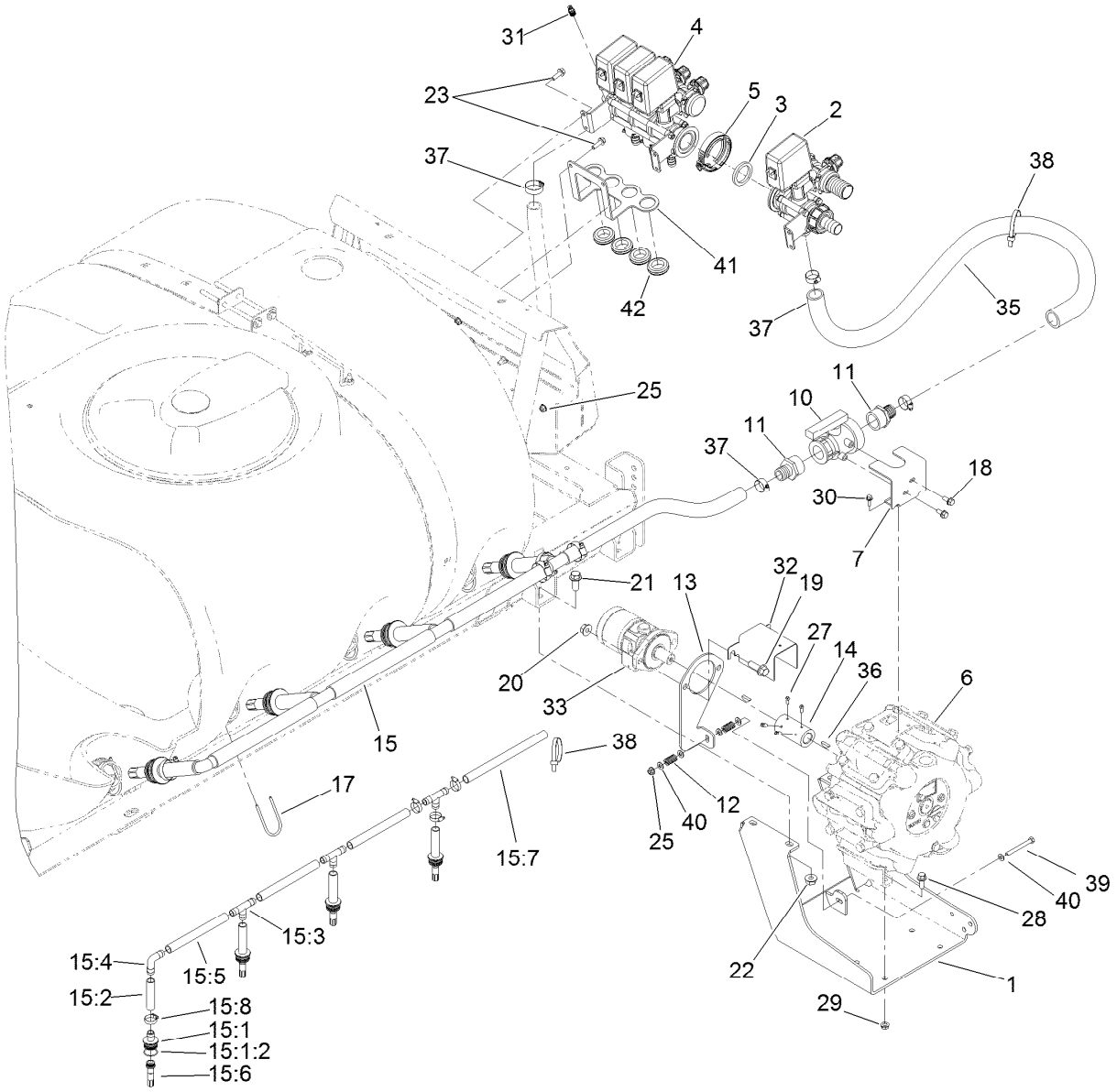


Spray System Supply Assembly (continued)

Ref.	Part Number	Qty.	Description
16:1	117-7959	1	Hose-Suction,Upper
16:2	106-4952	1	Hosebarb-90 DEG
16:2:1	100-6989	1	O-Ring
16:3	117-7982	1	Hosebarb ASM
16:3:2	100-8637	1	O-Ring

Ref.	Part Number	Qty.	Description
16:4	41327	2	Clamp-Hose
17	2412-129	3	Clamp-Hose
18	108-3491	2	Hose-Boom
19	40506	1	Hose-Jumper
20	41327	2	Clamp-Hose

● Not serviced separately

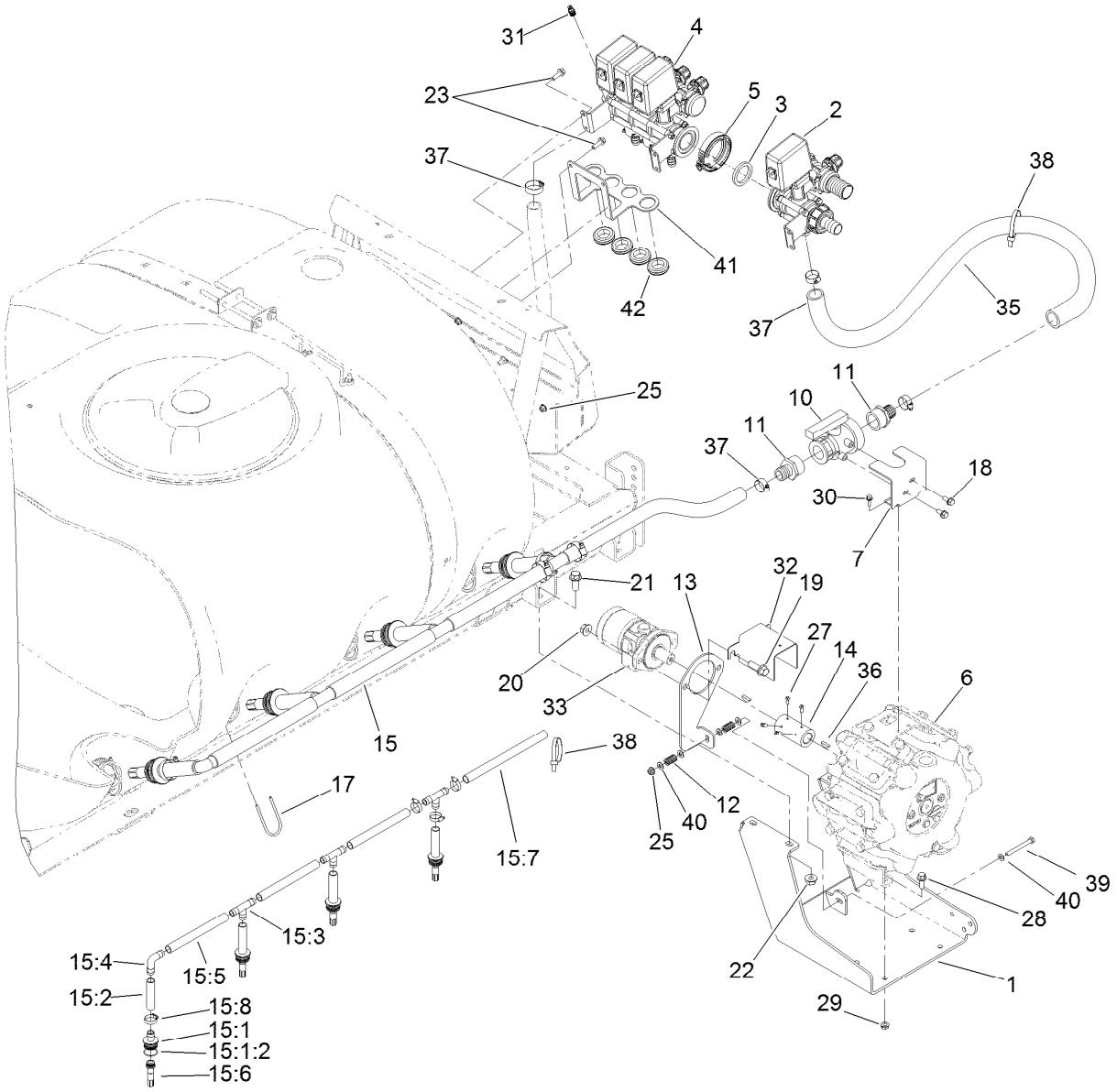


Spray Pump and Valve Assembly

Ref.	Part Number	Qty.	Description
1	117-0655-03	1	Pump Bracket ASM
2		1	Agitation Valve ASM ●
3	104-9090	1	Gasket
4		1	Manifold-Boom Valve ●
5	104-9089	1	Clamp-Screw, Worm
6	117-0713	1	Pump ASM
7	119-0442-03	1	Bracket-Ball Valve
10	108-0069	1	Valve-Ball
11	110-5224	2	Fitting-Barbed, Straight
12	110-5331	2	Spring-Compression
13	117-8040-03	1	Plate-Motor Mount
14	117-8045	1	Coupler
15		1	Agitation Hose ASM ●
15:1	117-7978	4	Str Threaded ASM
15:1:2	100-8637	1	O-Ring
15:2	119-0441	4	Hose-Agitaiton
15:3	117-7866	3	Tee-Hosebarb
15:4	117-7867	1	Elbow-Hosebarb

Ref.	Part Number	Qty.	Description
15:5	117-7862	3	Hose-Main Agitation
15:6	117-7853	4	Bushing-Nozzle
15:7	119-0443	1	Hose-Agitation
15:8	2412-3	15	Clamp-Hose
17	100-8635	4	Fork
18	3234-5	2	Screw-HHF
19	100-6116	2	Screw-HHF
20	32128-49	2	Nut-HHF
21	110-5057	4	Capscrew-HHF
22	108-3745	4	Nut-HF, Whiz
23	3234-17	8	Screw-HHF
25	104-8300	8	Nut-Flange, NI
27	3241-7	4	Screw-SQH
28	3234-11	4	Screw-HHF
29	3290-357	4	Nut-HHF, Whiz
30	3234-4	2	Screw-HHF
31	100-8674	1	Coupler-Tube
32	120-0628-03	1	Guard-Pump Shaft

● Not serviced separately

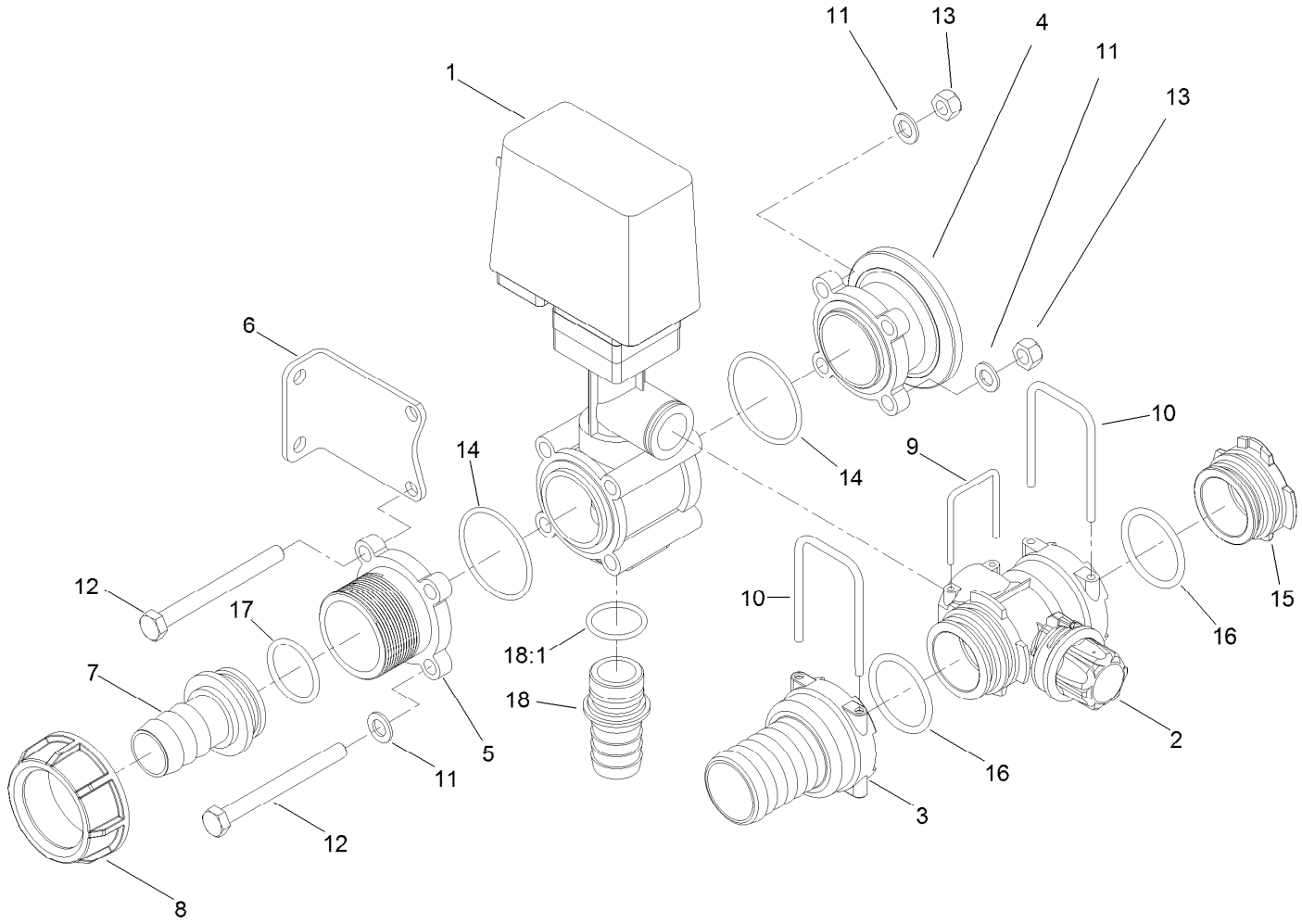


Spray Pump and Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
33	117-0706	1	HYD Motor ASM
35	119-0480	1	Hose-Valve, Agitation
36	106-1990	1	Key-Woodruff
37	2412-34	4	Clamp-Hose
38	3334-945	2	Tie-Cable

Ref.	Part Number	Qty.	Description
39	322-14	1	Screw-HH
40	3256-23	5	Washer-Flat
41	120-8594-03	1	Hose-Loom, 4 Hole
42	108-3723	4	Grommet

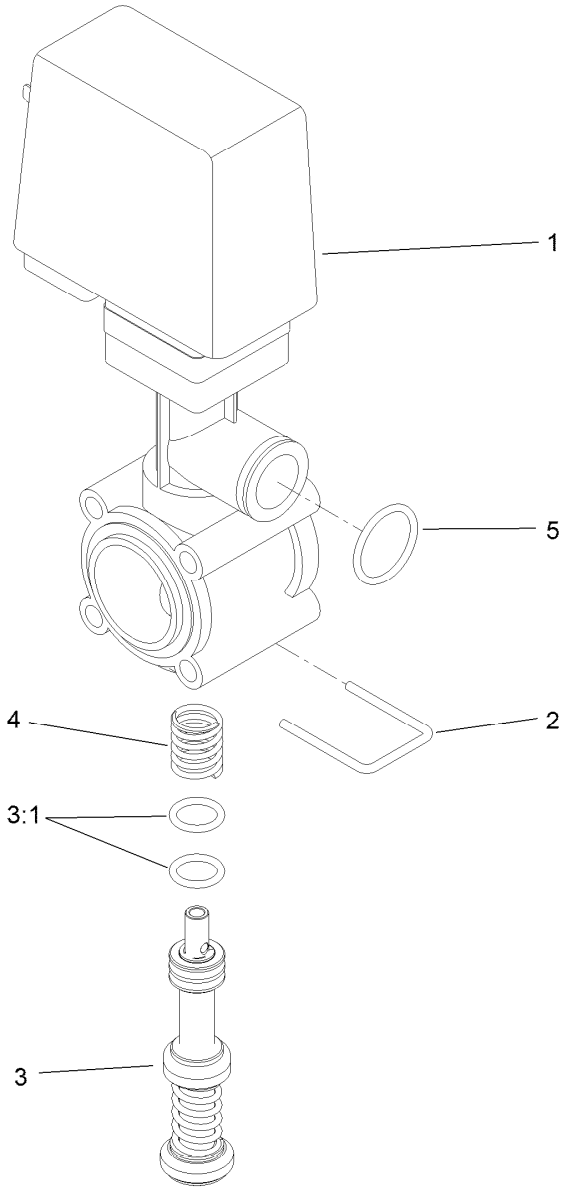
● Not serviced separately



Agitation Valve Assembly

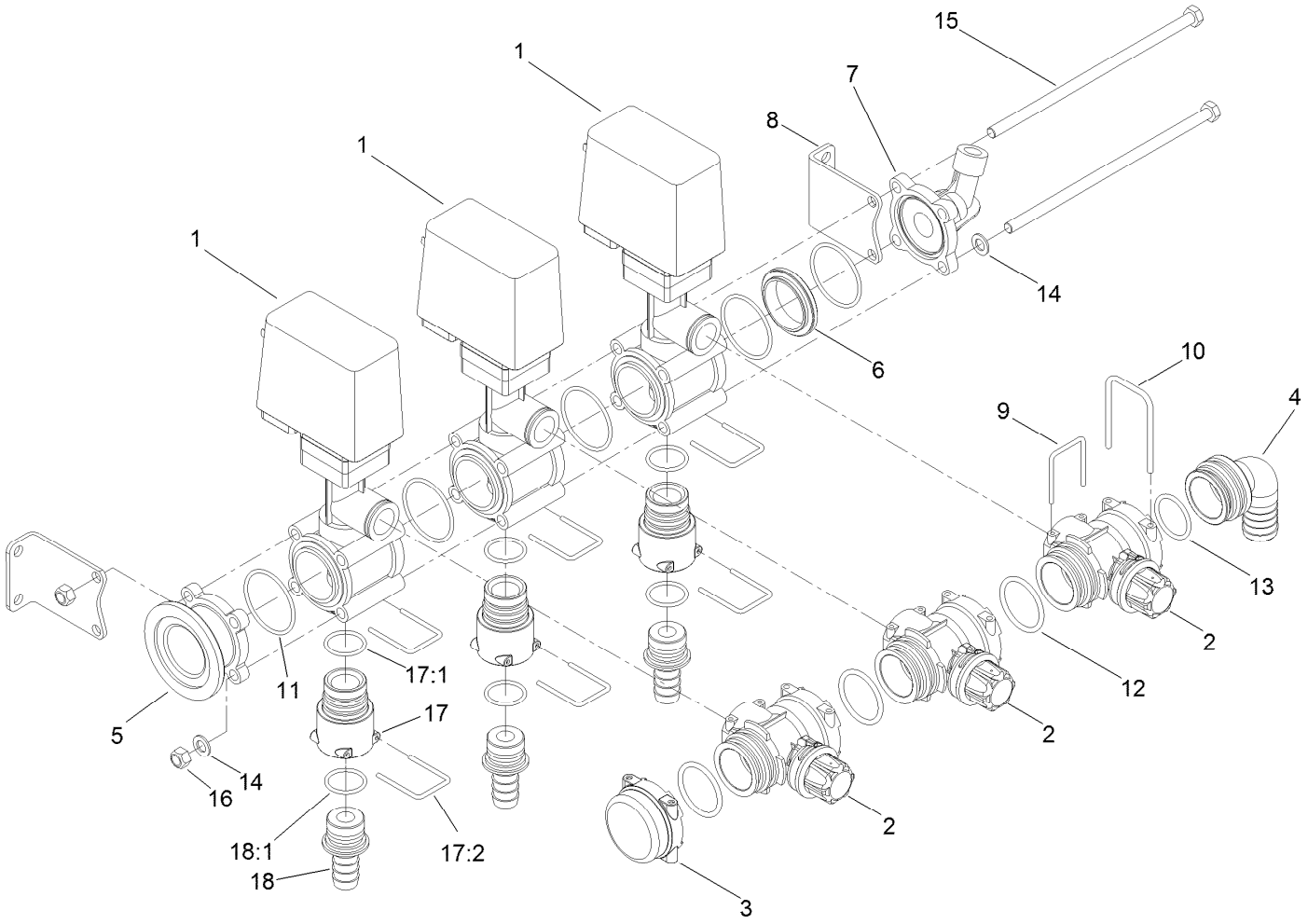
Ref.	Part Number	Qty.	Description
1	121-5053	1	Valve (W/Bypass)
2	120-8595	1	Valve-Bypass
3	120-8607	1	Hosebarb -Str
4	117-7966	1	Flange
5	119-0522	1	Adapter
6	117-7975	1	Bracke Mounting Kit
7	119-0499	1	Hosebarb
8	117-7879	1	Nut-Fly
9	119-4862	1	Fork
10	119-4863	2	Fork

Ref.	Part Number	Qty.	Description
11	119-4871	6	Washer
12	119-4866	4	Screw-HH
13	33024-00	4	Nut-Lock, NI
14	119-4870	2	O-Ring
15	121-5009	1	Cap-Valve
16	119-4869	2	O-Ring
17	117-7922	1	0-Ring
18	117-7992	1	Hosebarb
18:1	119-4868	1	O-Ring



Valve Assmebly No. 121-5053

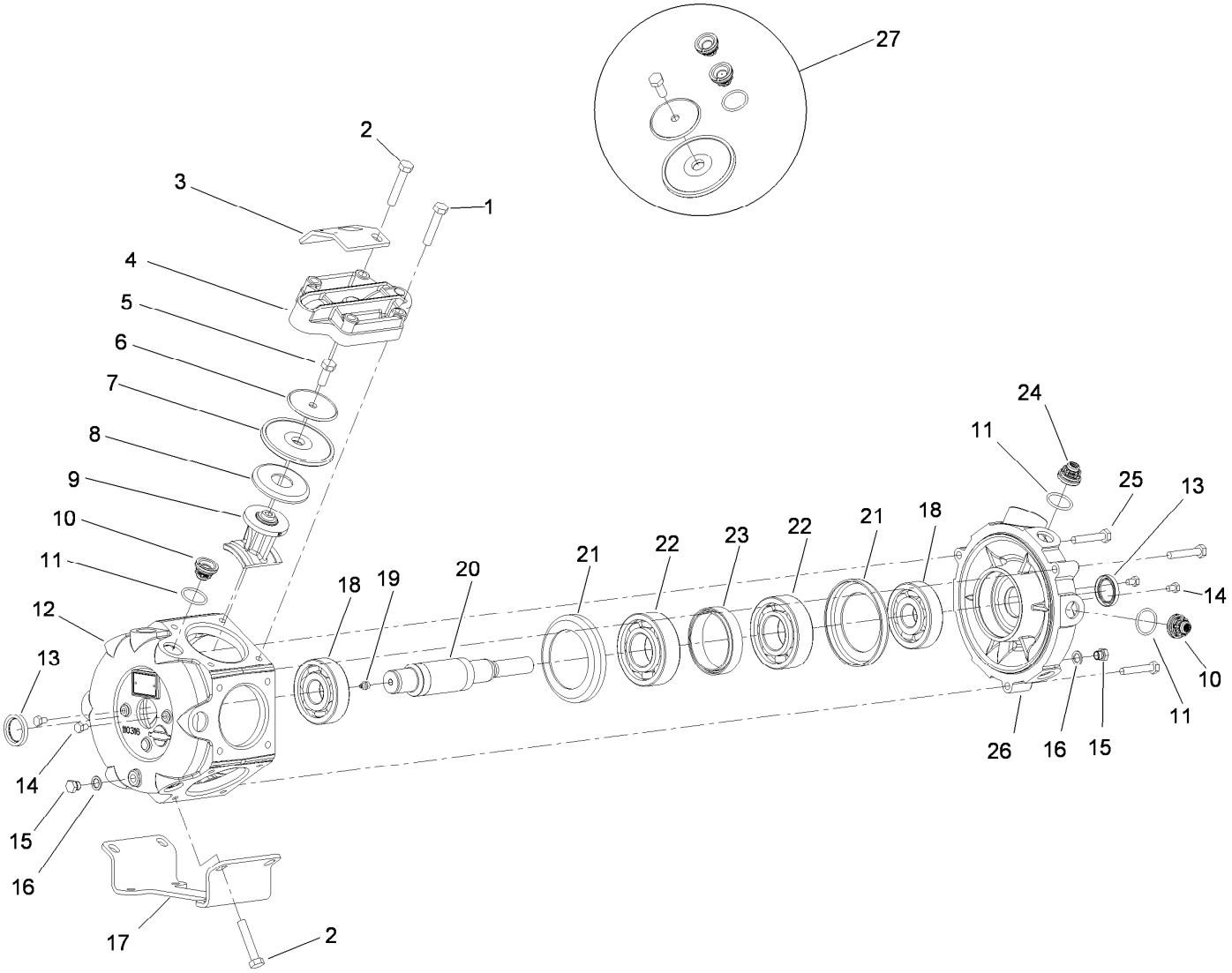
Ref.	*Part Number*	*Qty.*	*Description*
1	119-9397	1	Motor Valve Cover ASM
2	119-4862	1	Fork
3	121-5054	1	Piston ASM
3:1	121-5057	2	O-Ring, Arag Valve Piston
4	121-5056	1	Spring-Piston, Arag Valve
5	119-4868	1	O-Ring



Boom Manifold Assembly

Ref.	Part Number	Qty.	Description
1	121-5053	3	Valve (W/Bypass)
2	120-8595	3	Valve-Bypass
3	120-8596	1	Cap-Valve
4	120-8606	1	Elbow
5	117-7967	1	Flange-Female
6	119-0463	1	Adapter-Male-Male
7	119-9421	1	Port-Pressure Gauge
8	119-0449	2	Bracket Mounting Kit
9	119-4862	1	Fork
10	119-4863	4	Fork
11	119-4870	5	O-Ring

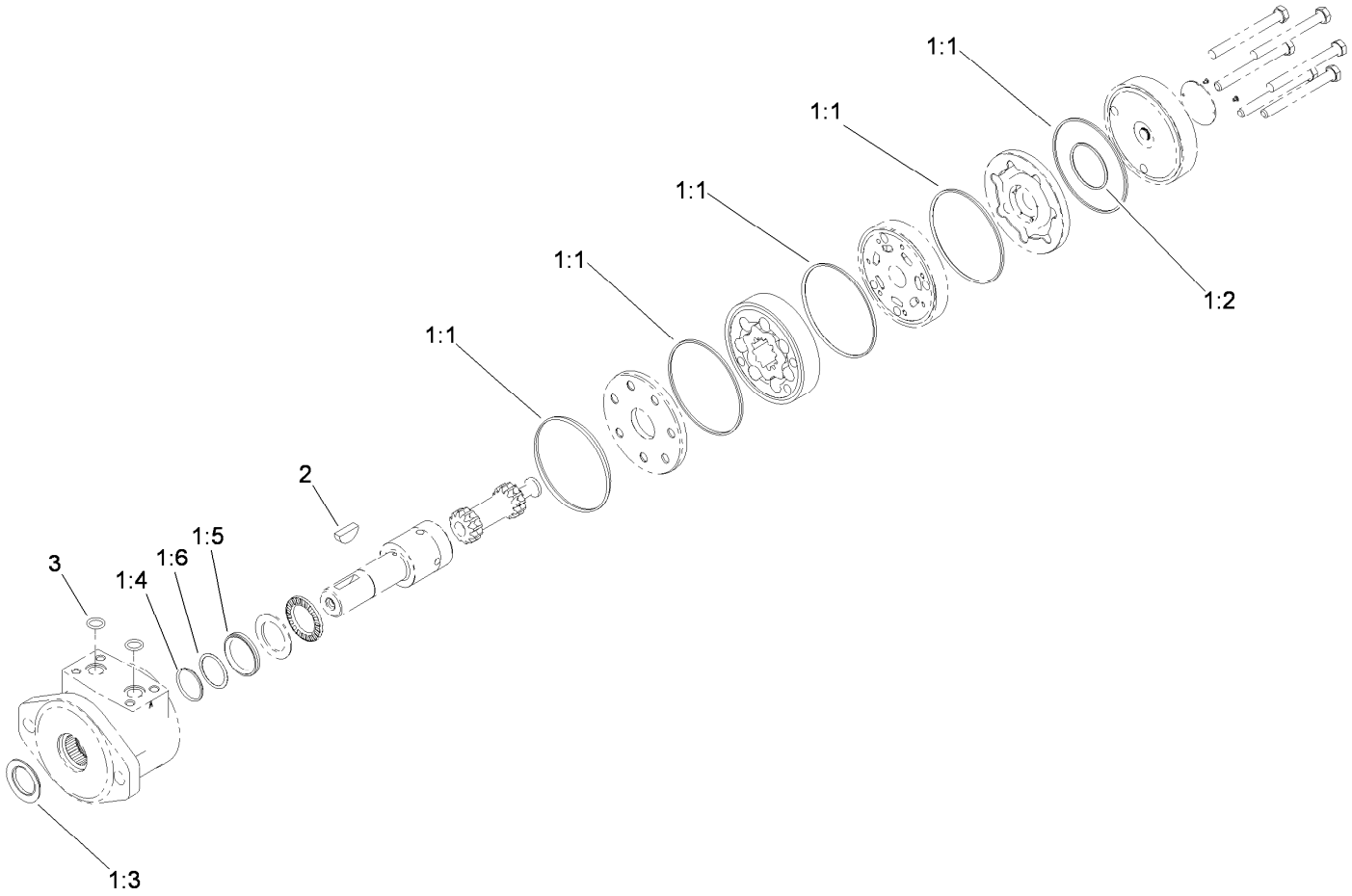
Ref.	Part Number	Qty.	Description
12	119-4869	3	O-Ring
13	117-7922	1	0-Ring
14	119-4871	6	Washer
15	119-4867	4	Screw-HH
16	33024-00	4	Nut-Lock, NI
17	121-5055	3	Seat-Valve ASM
17:1	119-4868	1	O-Ring
17:2	119-4862	1	Fork
18	119-0464	3	Hosebarb
18:1	119-4868	1	O-Ring



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	Pump Valve
11	100-6651	12	O-Ring
12	120-0782	1	Casting-Pump
13	120-0783	2	Seal-Oil
14	120-0784	4	Bolt-Hex

Ref.	Part Number	Qty.	Description
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

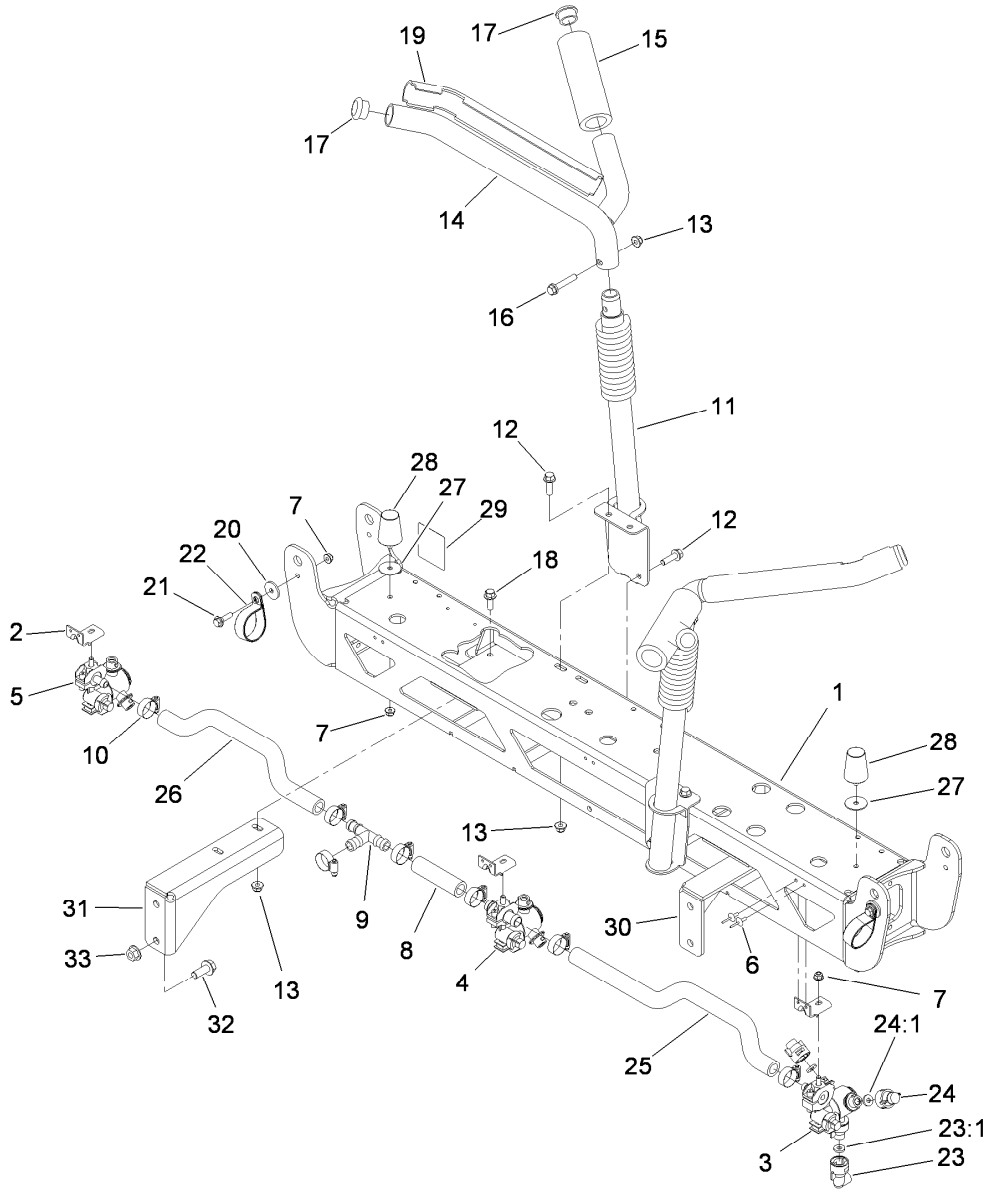


Hydraulic Motor Assembly No. 117-0706

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

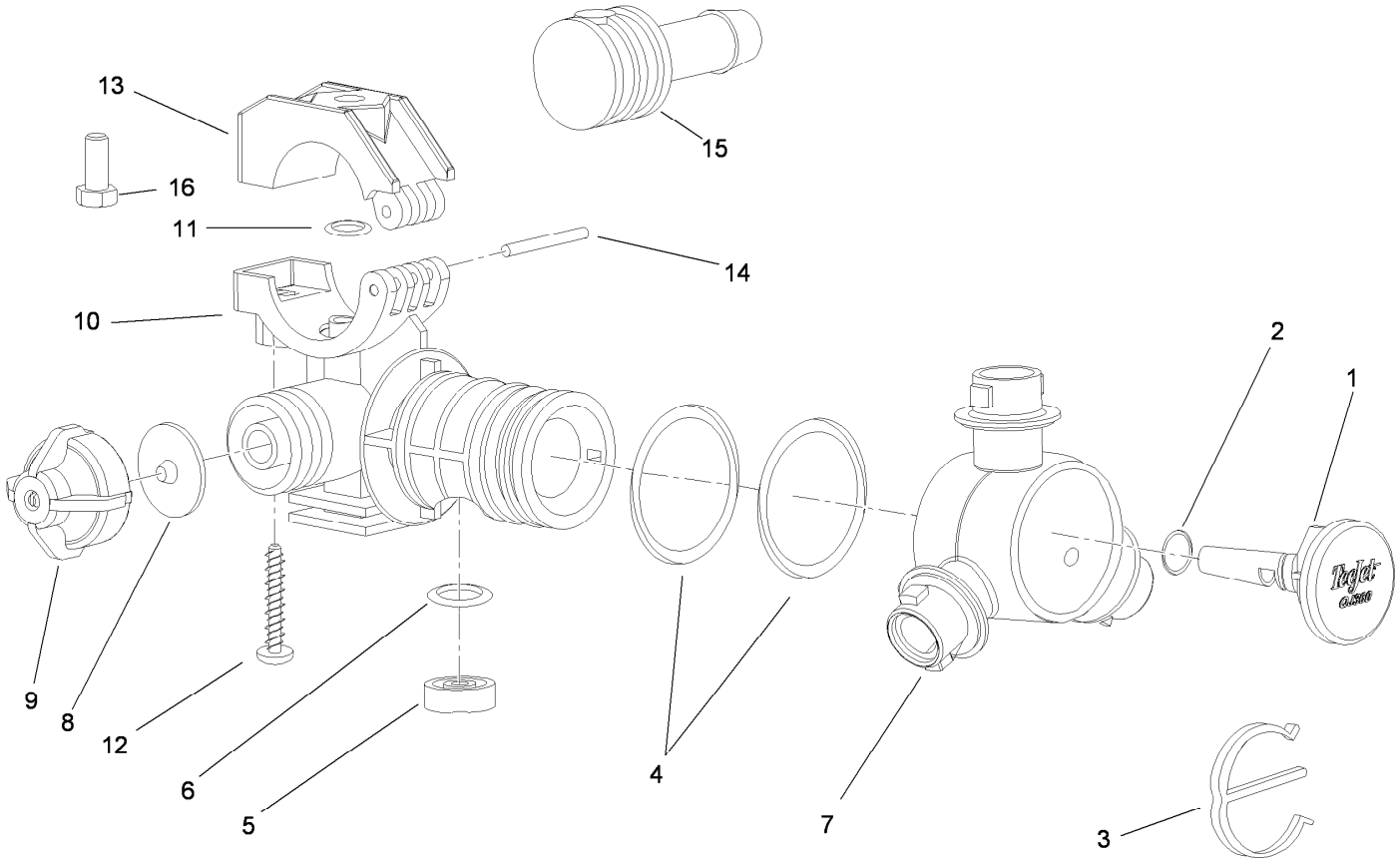
■ Not serviced separately



Center Boom Assembly

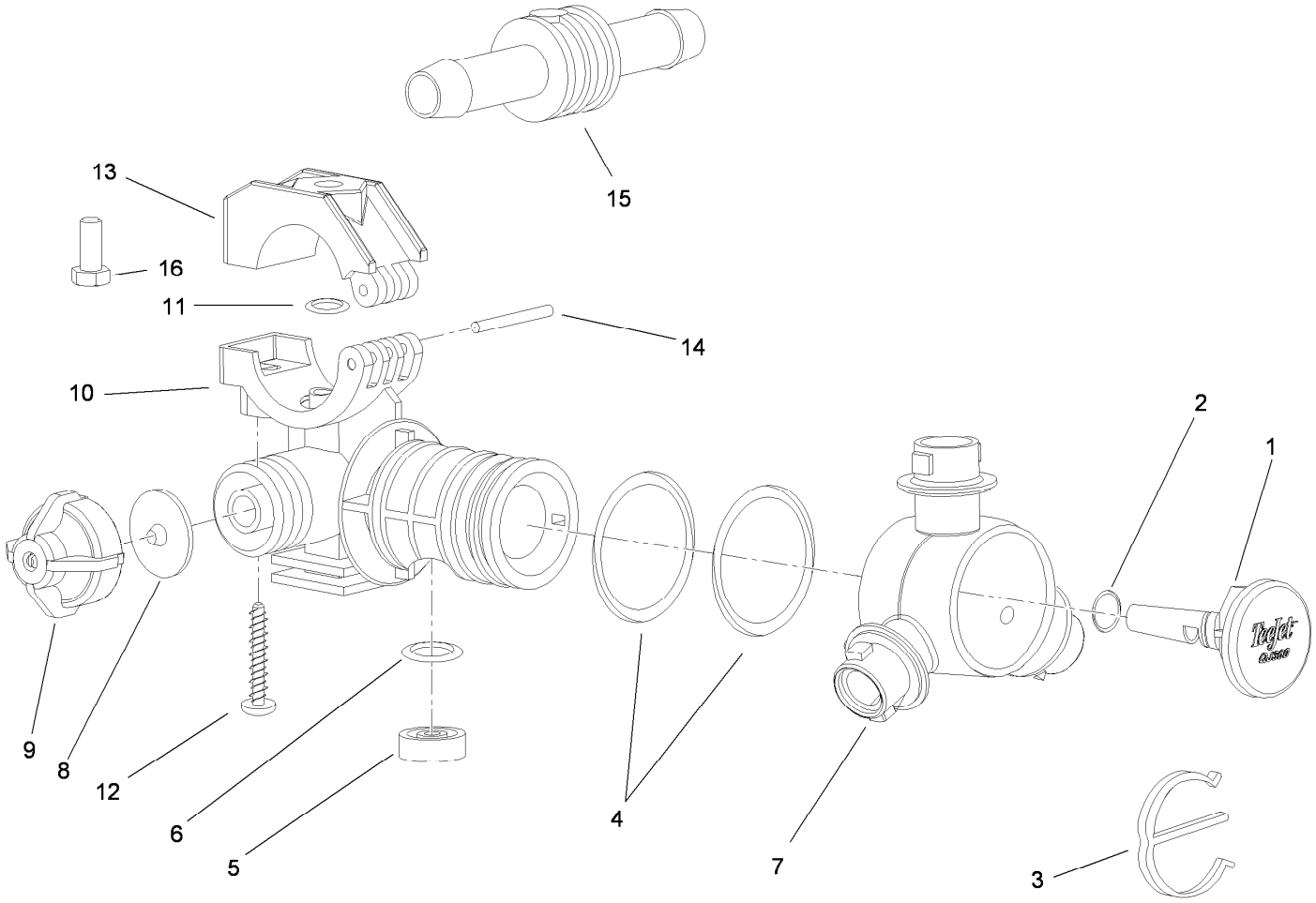
Ref.	Part Number	Qty.	Description
1	114-9579-03	1	Frame ASM
2	107-8775	3	Bracket-Mount, Nozzle
3	108-3725	1	LH Single Body Turret ASM
4	108-3727	1	Double Turret Body ASM
5	108-3726	1	RH Single Body Turret ASM
6	3269-18	6	Rivet-Pop
7	104-8300	7	Nut-Flange, NI
8	108-3717	1	Hose-Boom
9	108-3439	1	Tee
10	2412-129	7	Clamp-Hose
11	108-3472-03	2	Lower Cradle ASM
12	110-5050	6	Screw-HHF
13	104-8301	12	Nut-Flange, NI
14	108-3476-03	2	Upper Cradle ASM
15	108-3457	2	Spacer
16	108-3742	2	Screw-HHF
17	108-3489	4	Cap-Tube
18	110-5052	4	Screw-HHF

Ref.	Part Number	Qty.	Description
19	108-3495	2	Cover-Slide
20	108-3743	2	Washer
21	108-3744	2	Screw-Shoulder
22	114-9566	2	Clamp-R
23	95-9186	3	Cap
23:1	40998	1	Seat-Gasket
24	95-9187	6	Cap-Blank
24:1	40998	1	Seat-Gasket
25	108-3735	1	Hose-Boom, Center (LH)
26	108-3718	1	Hose-Boom, Center (RH)
27	3256-68	2	Washer-Flat
28	110-5070	2	Bumper
29	120-0617	2	Decal-Warning, Pinch, Crush
30	117-0651-03	1	Bracket-Boom Mount, RH
31	117-0652-03	1	Bracket-Boom Mount, LH
32	110-5057	4	Capscrew-HHF
33	108-3745	4	Nut-HF, Whiz



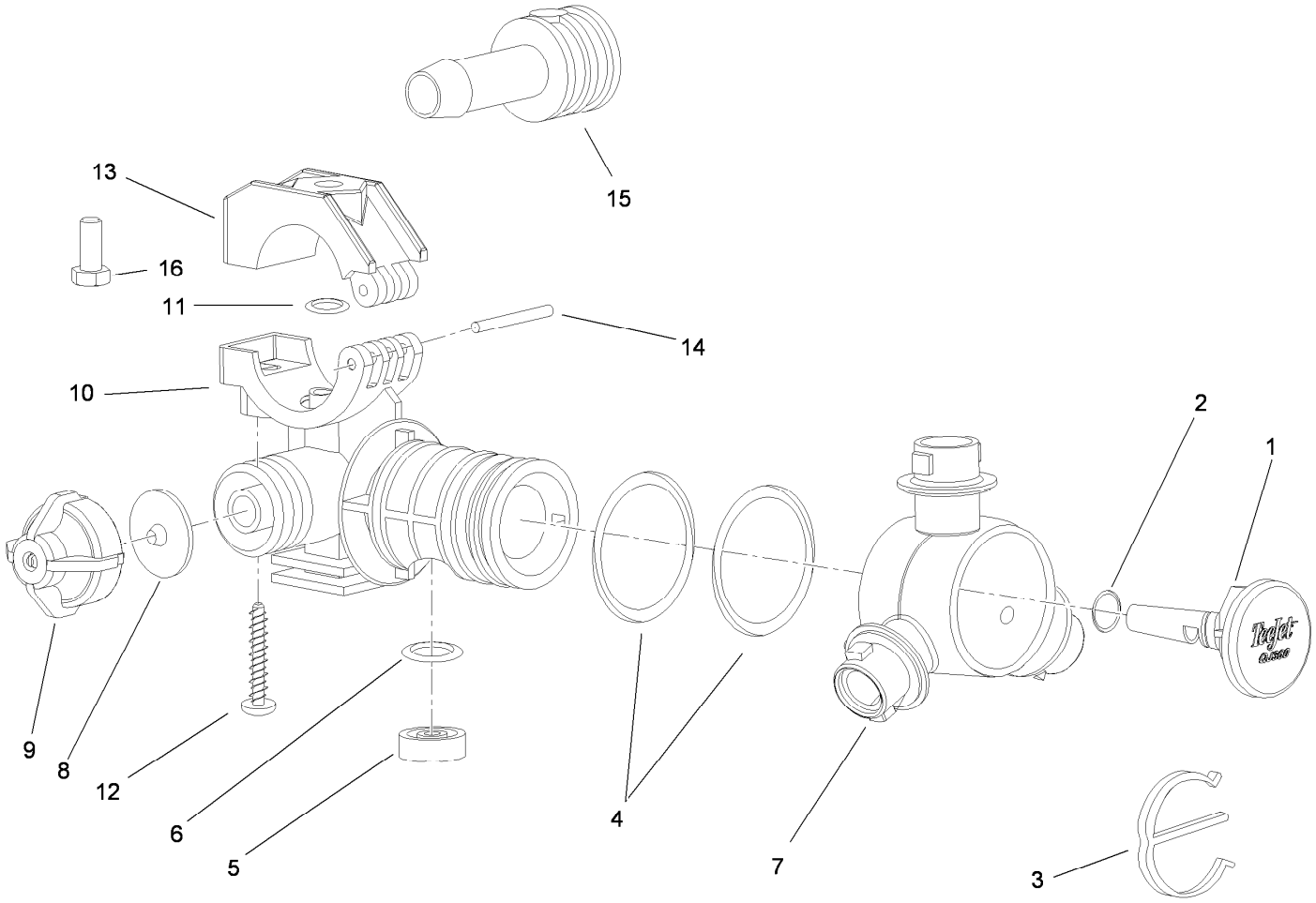
LH Single Turret Body Assembly No. 108-3725

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
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

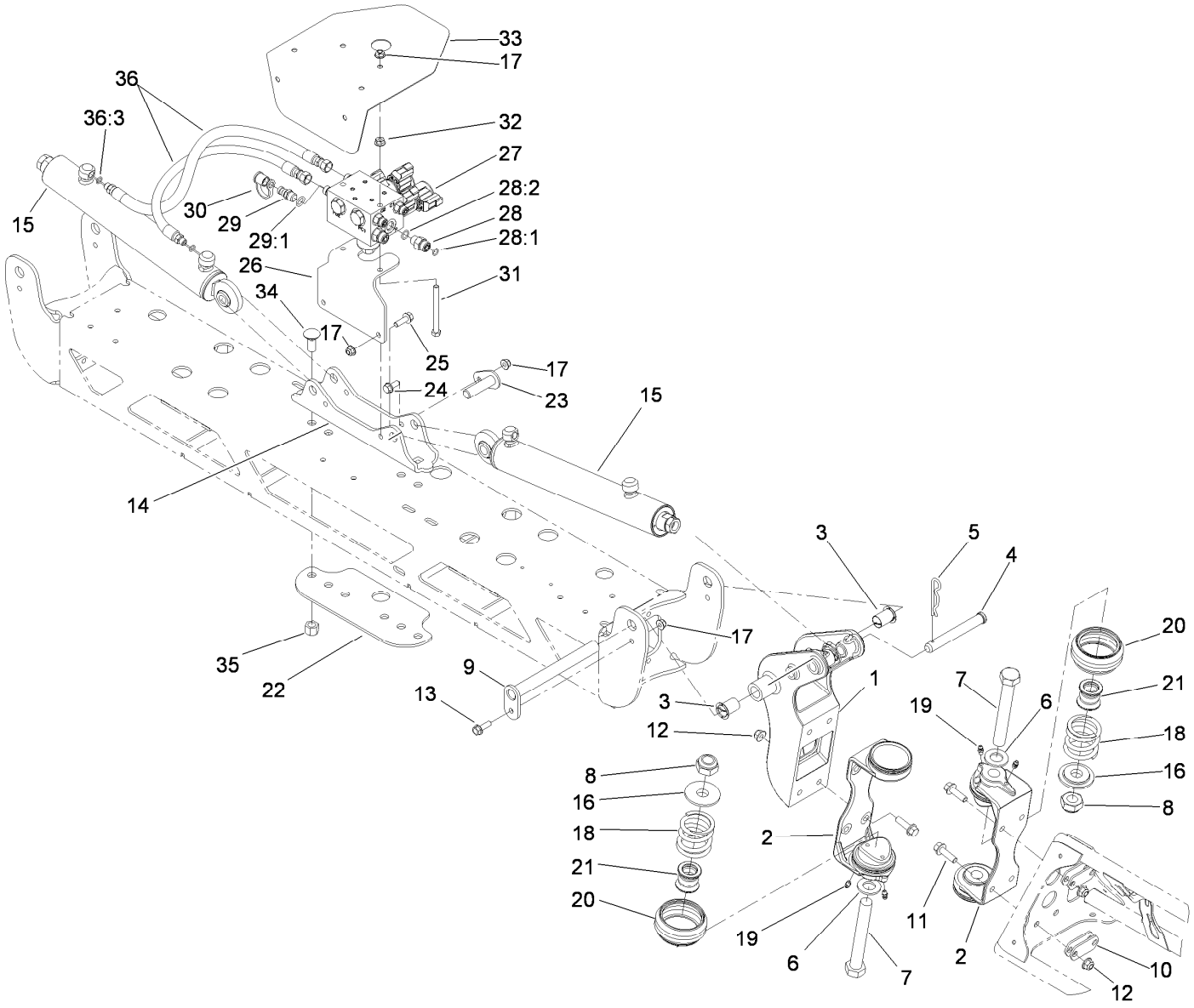
Ref.	Part Number	Qty.	Description
1	95-9200	1	Plug
2	95-9198	1	O-Ring
3	95-9197	1	E-Clip
4	95-9199	2	O-Ring
5	108-3264	1	Seal-Viton
6	108-3265	1	O-Ring-Viton
7	95-9196	1	Turret
8	41003	1	Diaphragm
9	95-9193	1	Cap-Diaphram
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	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

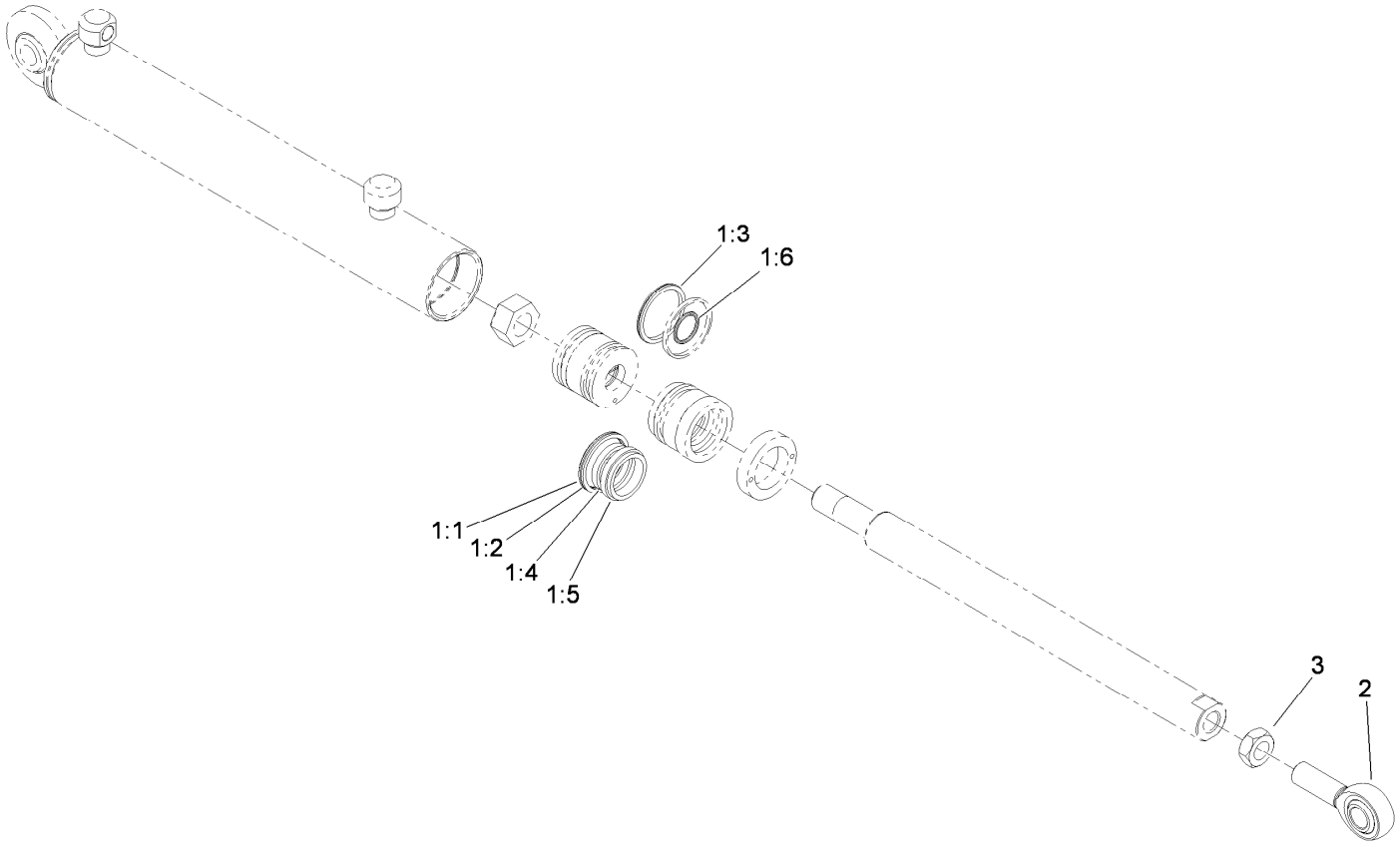
Ref.	*Part Number*	*Qty.*	*Description*
9	95-9193	1	Cap-Diaphram
10	95-9192	1	Body-Split Eyelet
11	95-9191	1	O-Ring
12	99-0811	1	Screw-Clamp
13	99-0812	1	Clamp-Upper
14	99-0814	1	Pin-Pivot
15	95-9201	1	Shank-Hose
16	322-3	1	Screw-HH



Center Boom Assembly

Ref.	Part Number	Qty.	Description
1	119-4993-03	2	Bracket-Pivot
2	108-3471-03	4	Hinge
3	100-8541	4	Bushing-A Arm
4	108-3436	2	Pin-Clevis
5	3290-468	2	Pin-Cotter
6	110-5054	4	Washer-Flat
7	108-3738	4	Screw-HH
8	3296-15	4	Nut-Lock, NI
9	108-3419	2	Pivot Pin ASM
10	108-3605	8	Plate-Backing
11	110-5050	16	Screw-HHF
12	104-8301	16	Nut-Flange, NI
13	108-3748	2	Screw-HHF
14	119-4856-03	1	Plate-Mount, Cylinders
15	117-0701	2	Hydraulic Cylinder ASM
16	108-3444	4	Retainer-Spring
17	104-8300	8	Nut-Flange, NI
18	108-3440	4	Spring-Breakaway, Boom
19	302-5	8	Fitting-Grease
20	108-3459	4	Boot-Hinge
21	120-8541	4	Dampener-Hinge

Ref.	Part Number	Qty.	Description
22	108-3469-03	1	Plate-Washer
23	112-7884	2	Pivot Pin ASM
24	110-5053	2	Screw-HHF
25	3234-29	2	Screw-HHF
26	117-0711-03	1	Plate-Mount, Boom Valve
27	117-0702	1	On-Off Boom Lift Valve Assembly
28	340-2	2	Fitting-HYD, Straight
28:1	237-22	1	O-Ring
28:2	237-42	1	O-Ring
29	59-7410	1	Fitting-Diagnostic
29:1	237-42	1	O-Ring
30	354-79	1	Cap-Dust
31	322-22	2	Screw-HH
32	32128-26	2	Nut-Flange
33	120-8527-03	1	Plate-Cover
34	110-5067	2	Screw-CARR
35	3296-23	2	Nut-Lock, NI
36	119-4859	4	Hose ASM
36:3	237-78	1	O-Ring

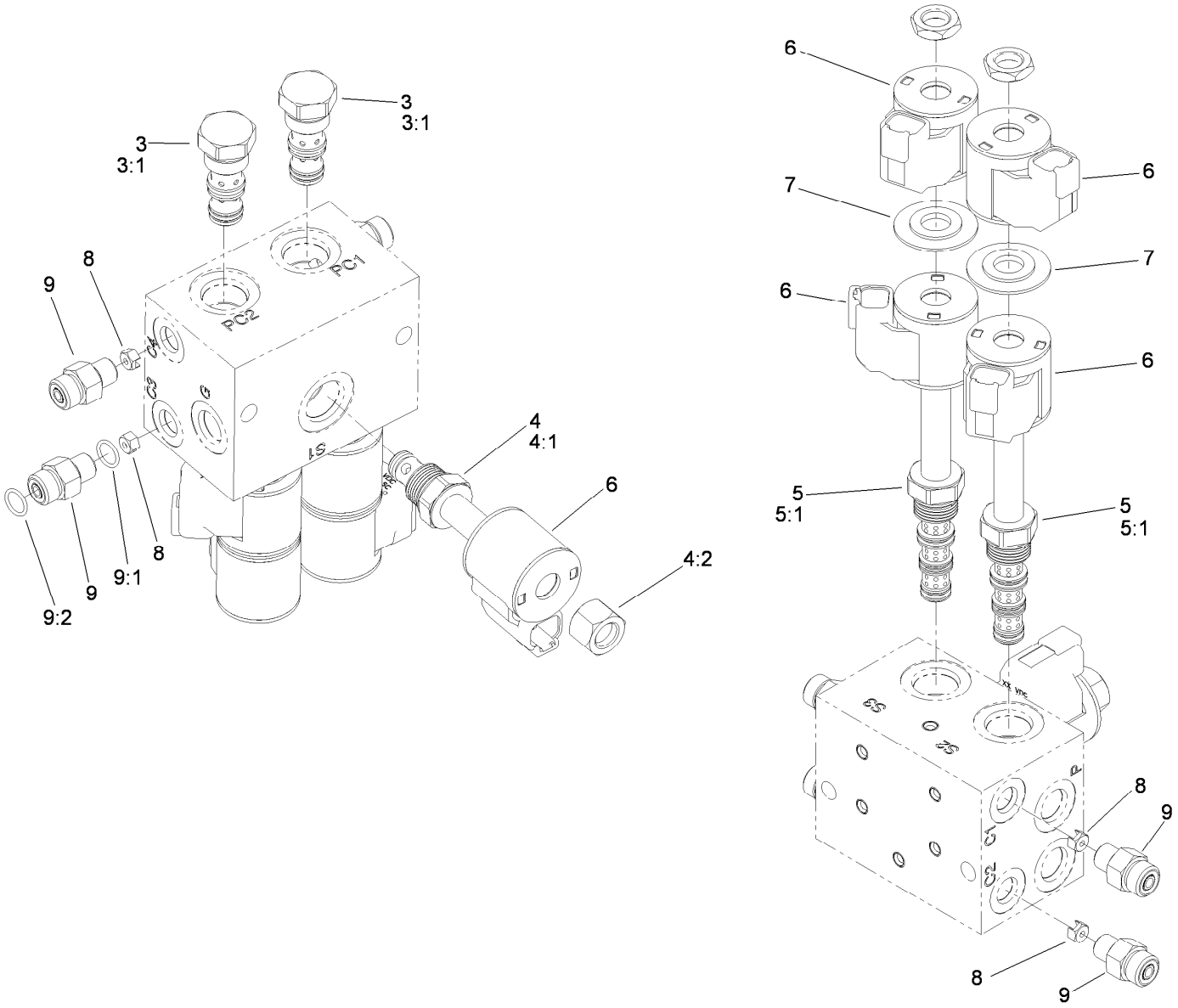


Hydraulic Cylinder Assembly No. 117-0701

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

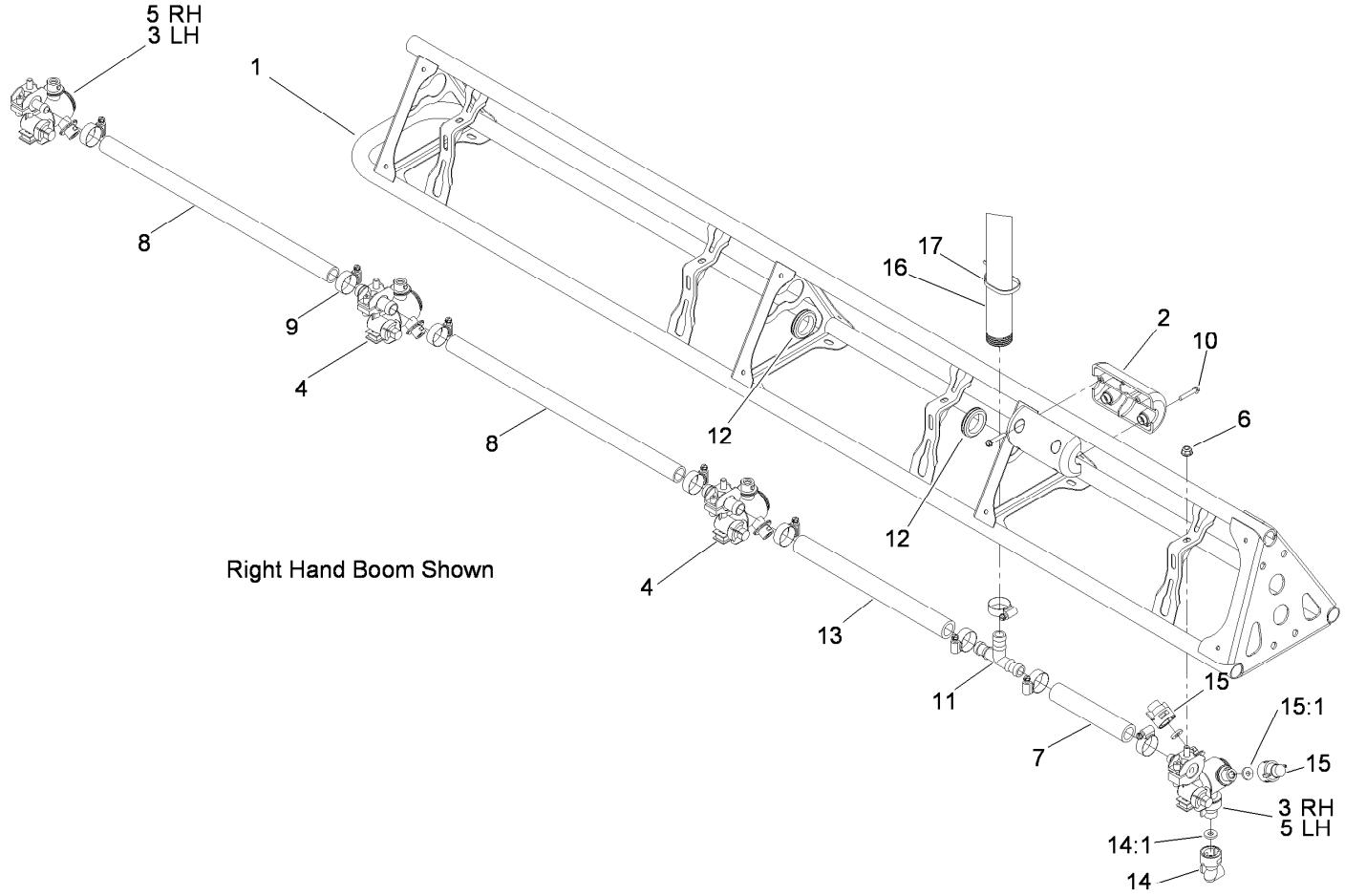
● Not illustrated

■ Not serviced separately



On-Off Boom Lift Valve No. 117-0702

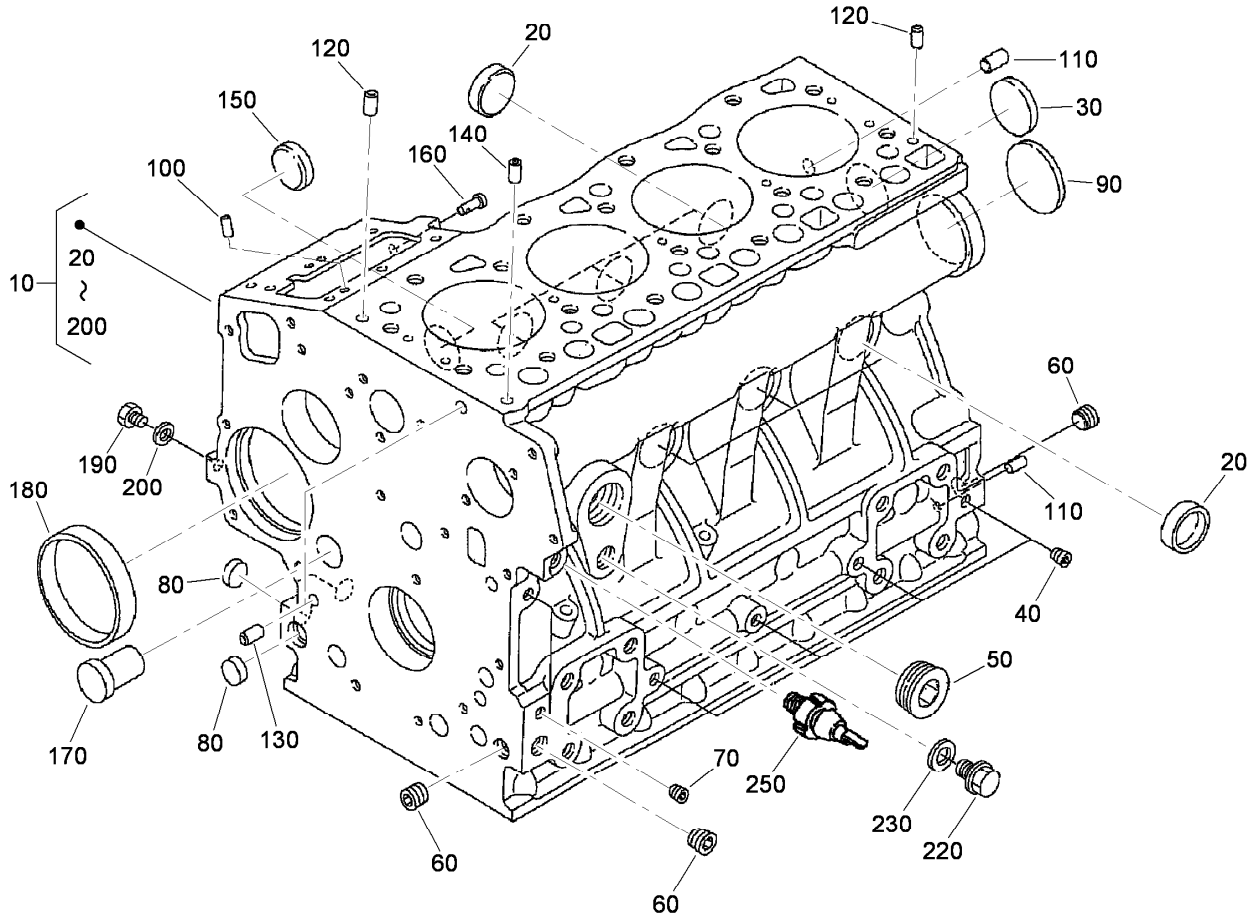
Ref.	*Part Number*	*Qty.*	*Description*
3	120-2588	2	Valve-Check
3:1	120-0886	1	Seal Kit
4	107-7517	1	Valve-Solenoid
4:1	105-9156	1	Seal Kit
4:2	107-7812	1	Nut-Solenoid
5	120-2587	2	Valve-Solenoid
5:1	112-6520	1	Seal Kit
6	119-8036	5	E-Coil,12 Vdc,-08
7	120-2586	2	Spacer-Coil
8	120-2585	4	Orifice, .035
9	340-92	4	Fitting-HYD, Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring



Left and Right Hand Wing Boom Assembly

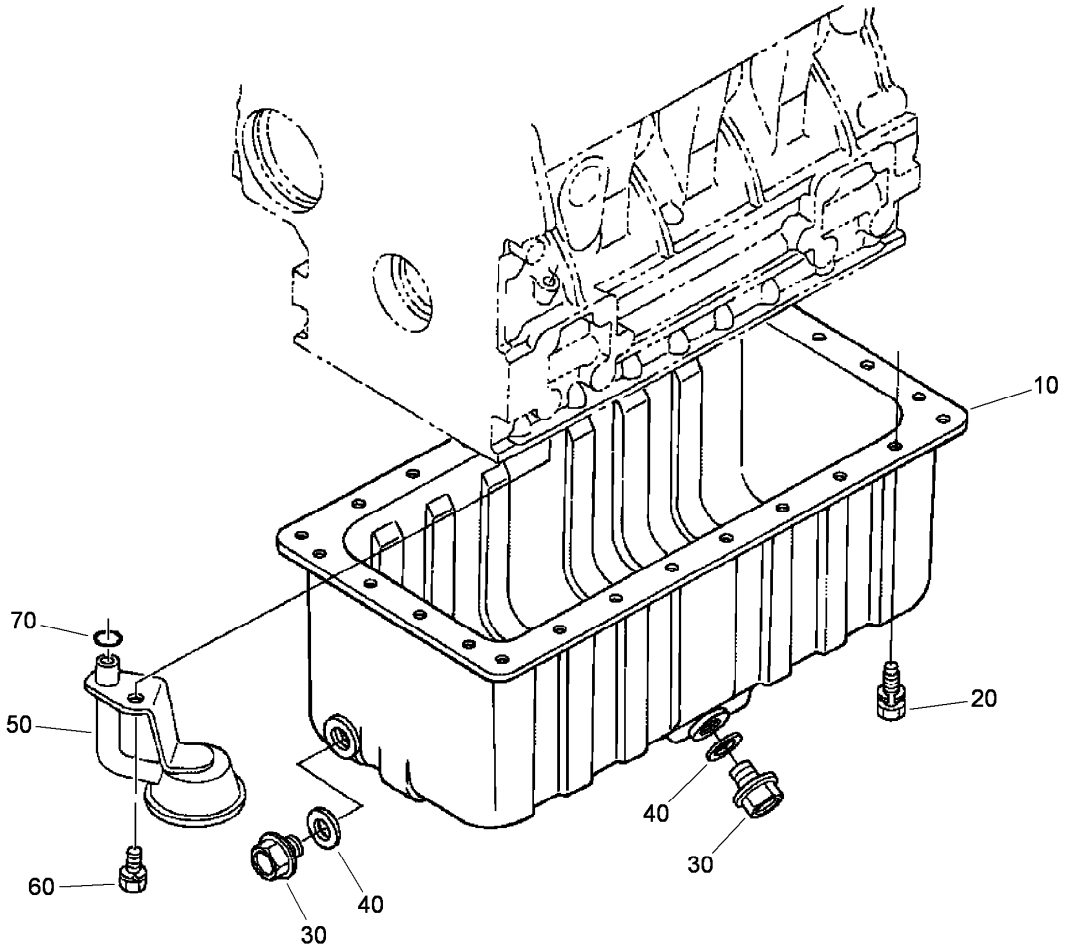
Ref.	*Part Number*	*Qty.*	*Description*
1	108-3524-03	1	RH Boom ASM
1	108-3525-03	1	LH Boom ASM
2	119-9368	4	Block Slide
3	108-3725	2	LH Single Body Turret ASM
4	108-3727	4	Double Turret Body ASM
5	108-3726	2	RH Single Body Turret ASM
6	104-8300	8	Nut-Flange, NI
7	108-3728	2	Hose-Boom
8	40506	4	Hose-Jumper
9	2412-129	18	Clamp-Hose

Ref.	*Part Number*	*Qty.*	*Description*
10	119-9369	8	Screw-Hfh
11	108-3439	2	Tee
12	240-3	4	Grommet-Rubber
13	108-3721	2	Hose-Boom
14	95-9186	8	Cap
14:1	40998	1	Seat-Gasket
15	95-9187	16	Cap-Blank
15:1	40998	1	Seat-Gasket
16	107-8650	2	Conduit-Convoluted
17	3290-378	4	Tie-Cable



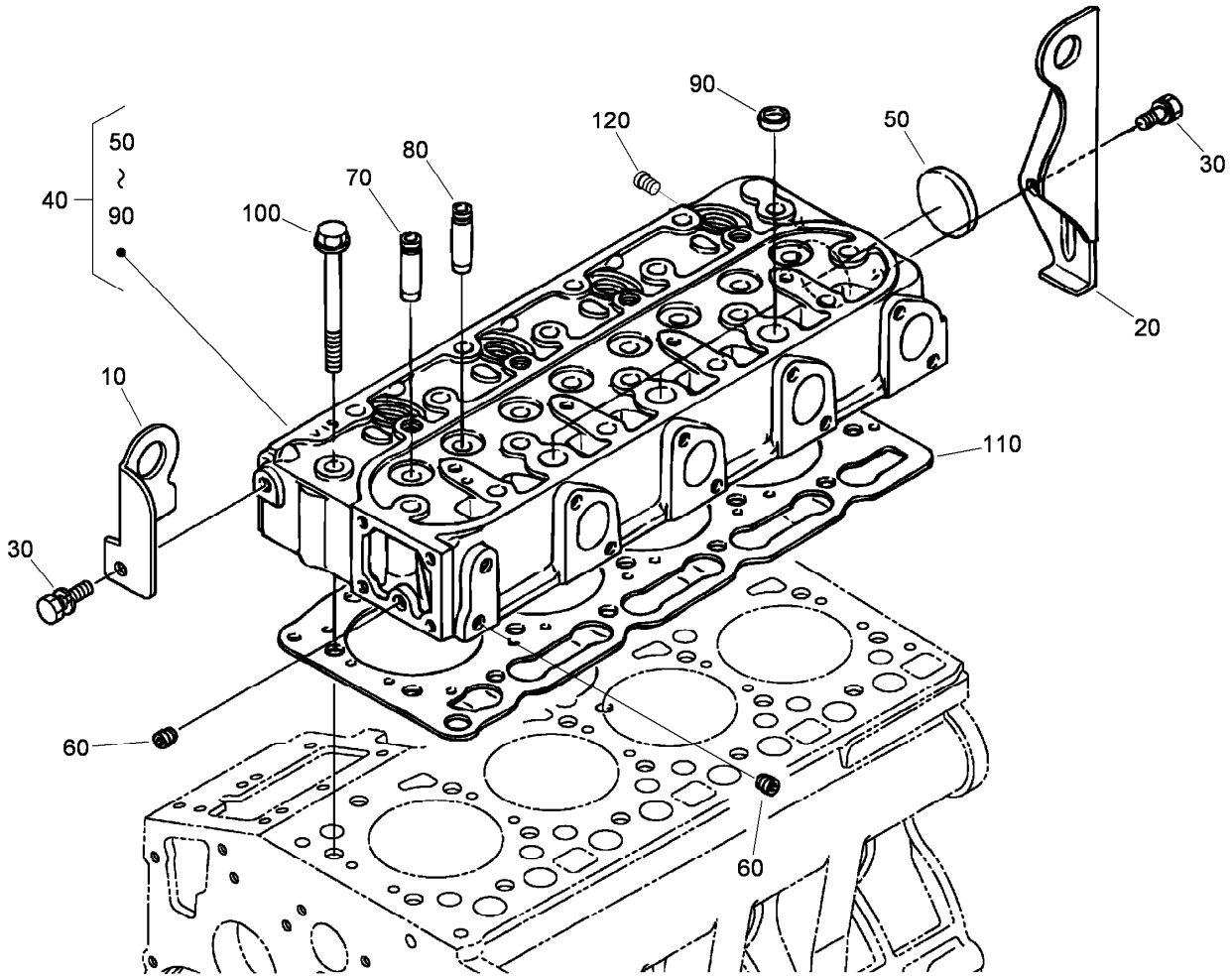
Crankcase Assembly

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
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



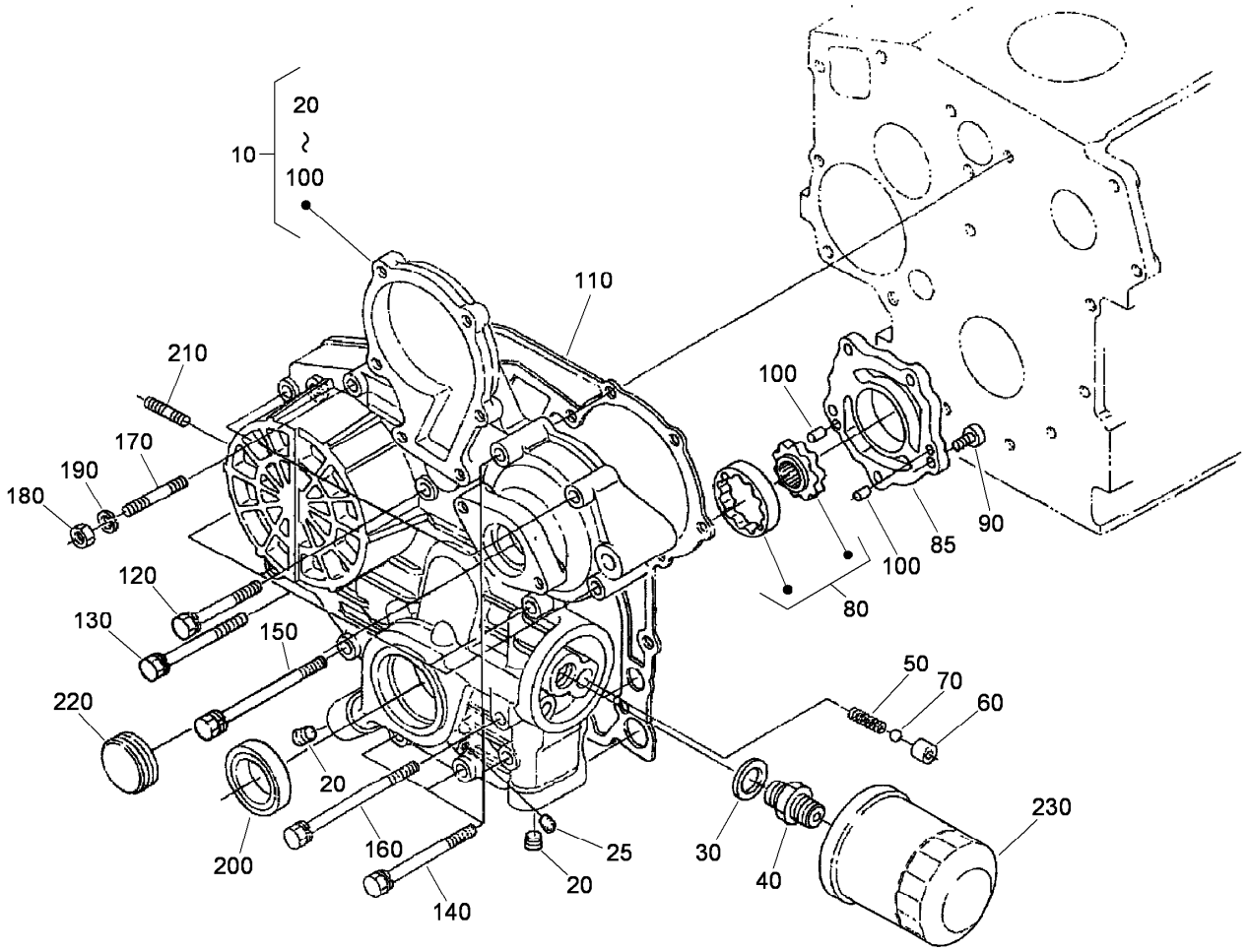
Oil Pan Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-2852	1	Pan-Oil
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



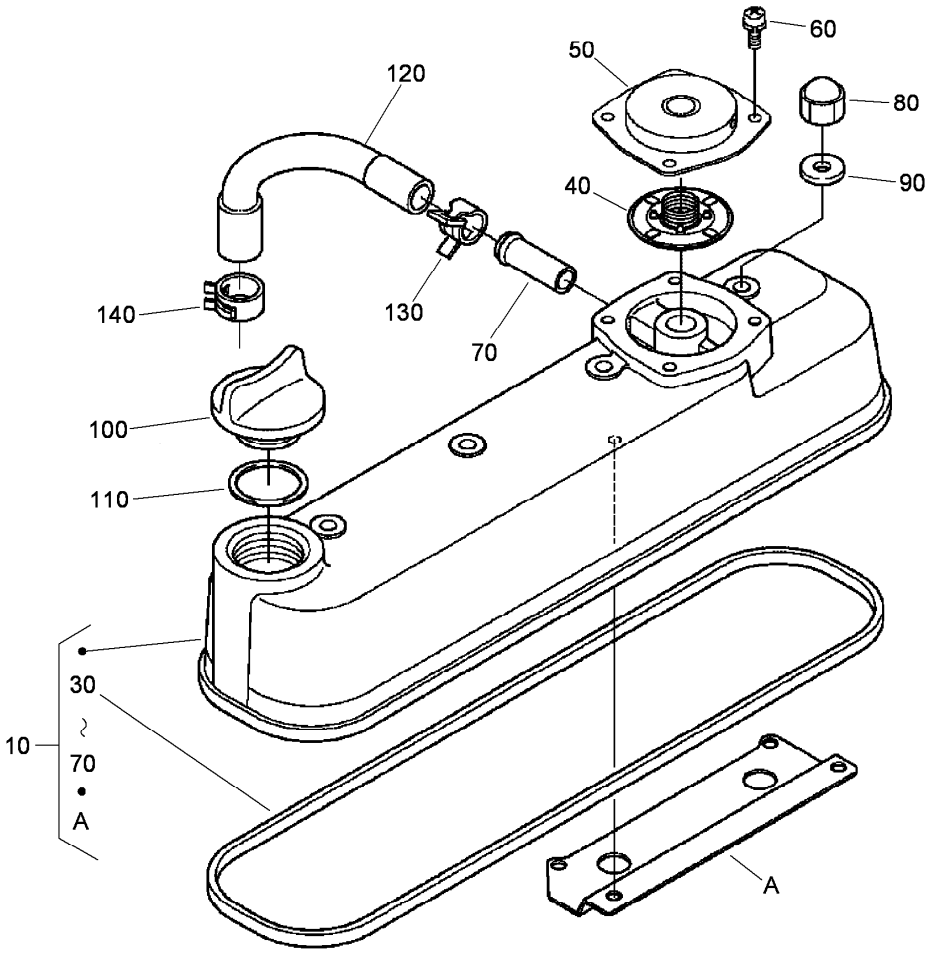
Cylinder Head Assembly

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



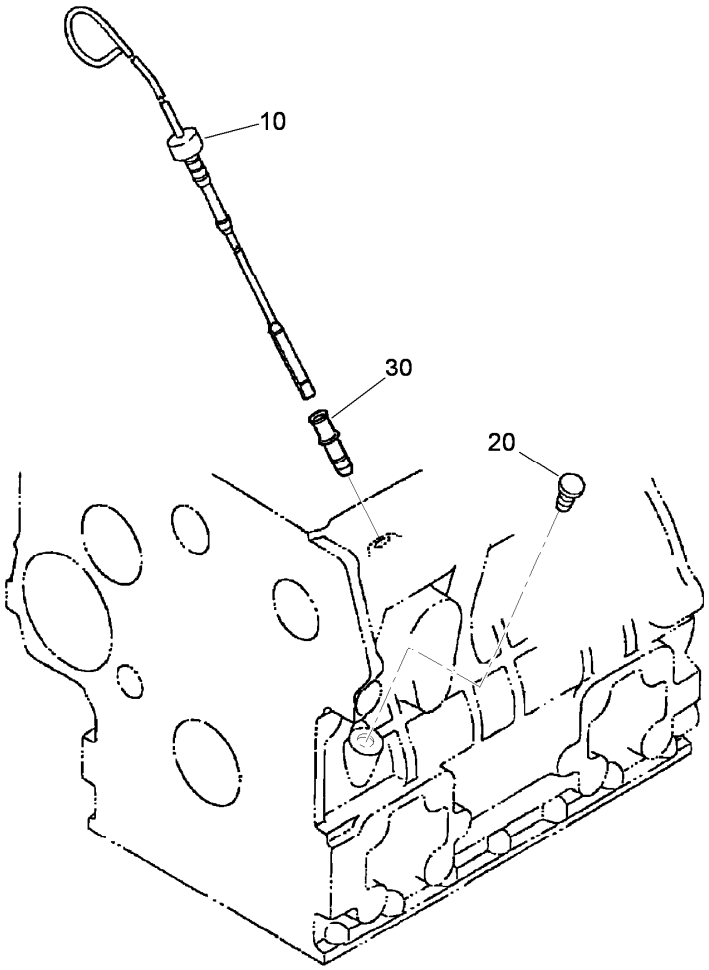
Gear Case Assembly

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
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



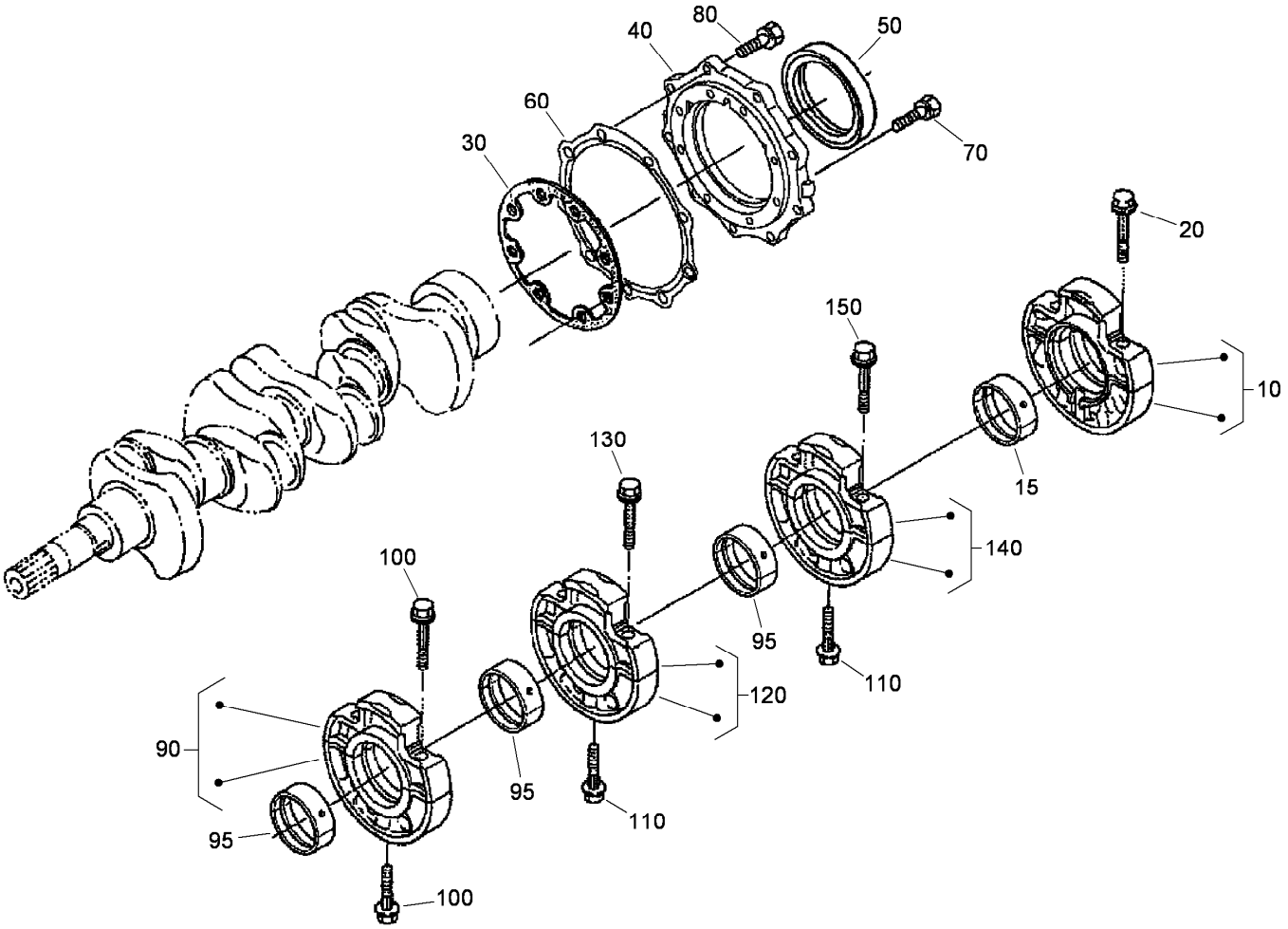
Cylinder Head Cover Assembly

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



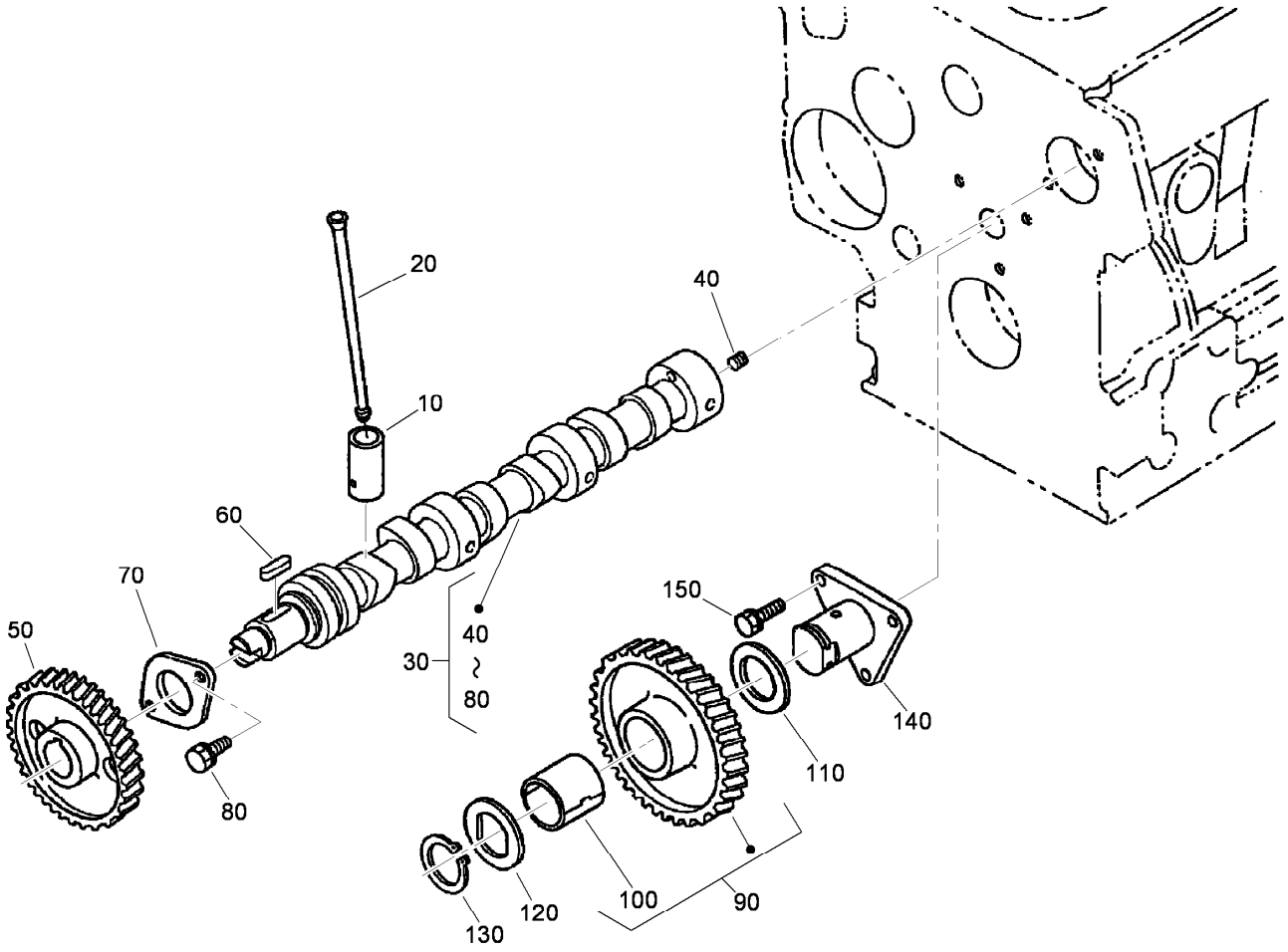
Dipstick and Guide Assembly

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



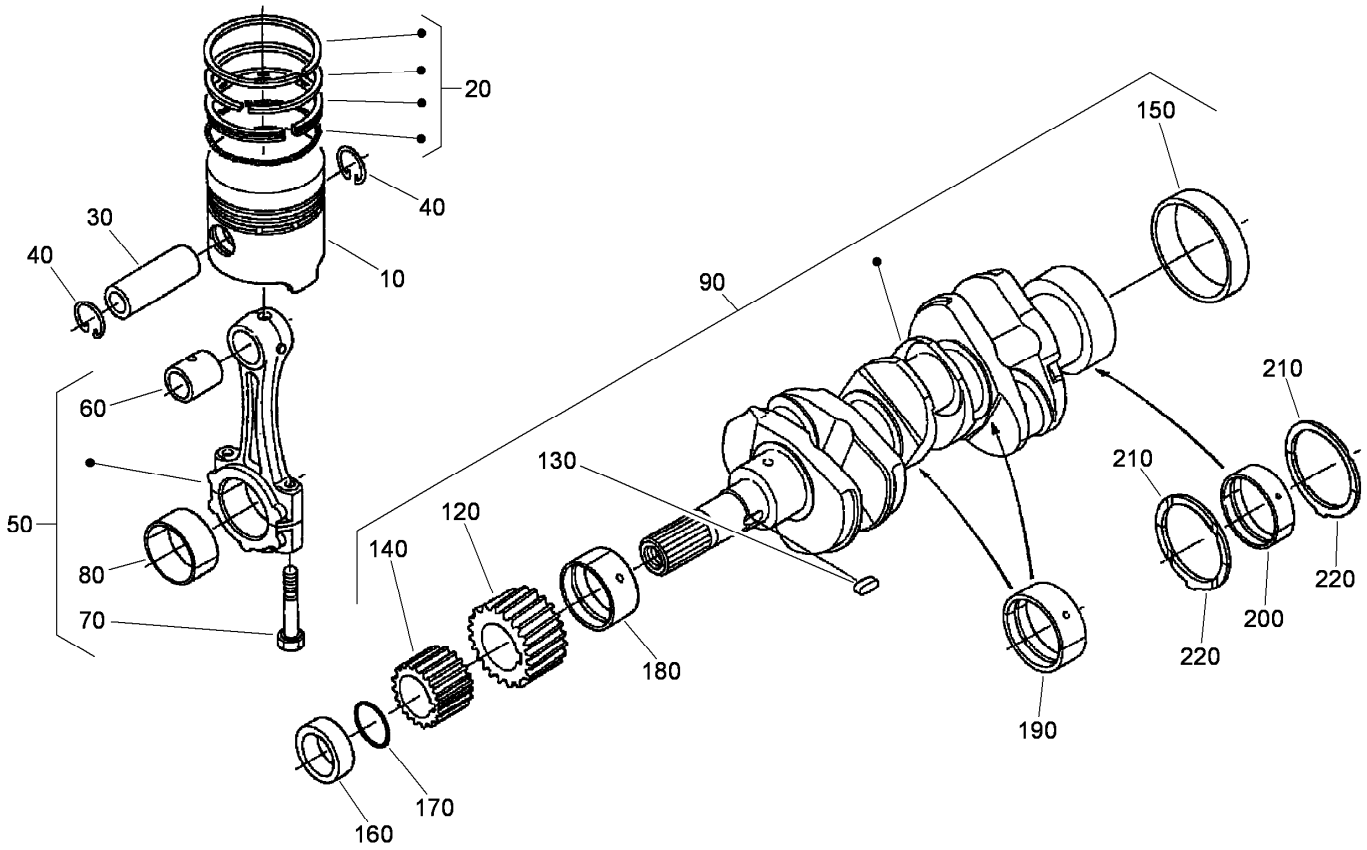
Main Bearing Case Assembly

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
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

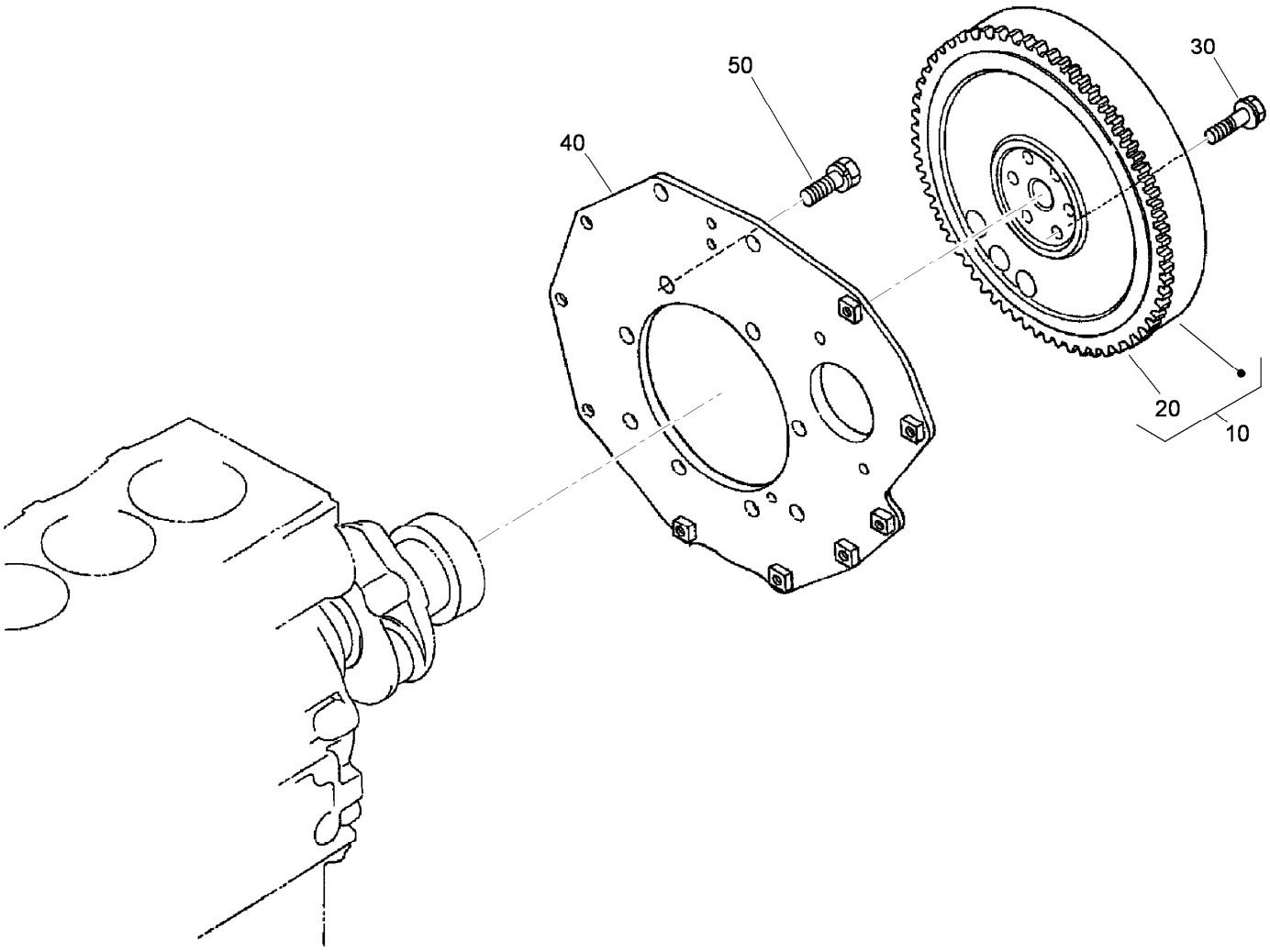
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	108-2865	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1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

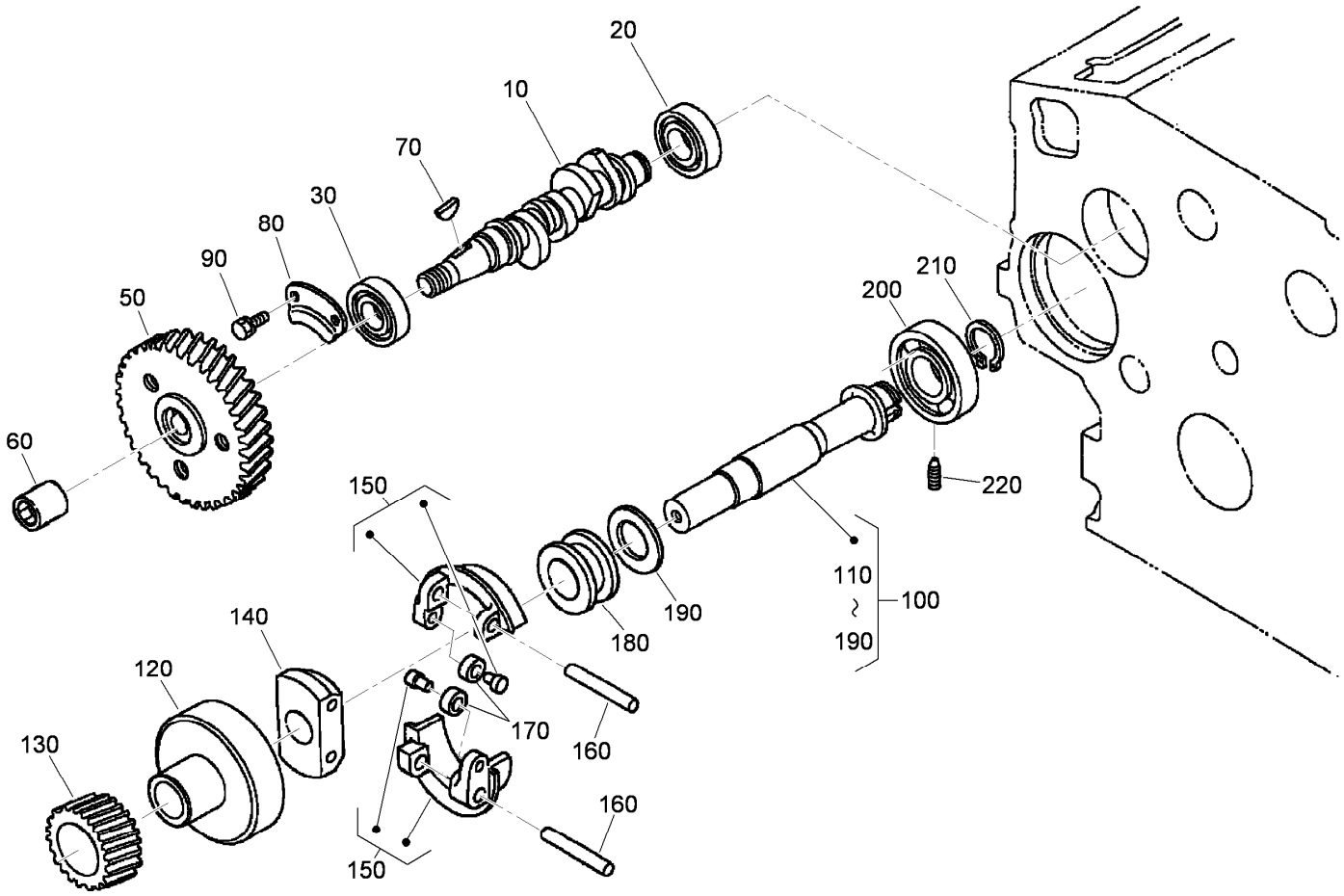
Ref.	Part Number	Qty.	Description
10	112-8404	4	Piston (STD)
10	112-8414	4	Piston (+0.5Mm)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (0.5Mm)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	115-3013	4	Connecting Rod ASM
60	115-3014	4	Bushing-Pin, Piston
70	98-9517	8	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)



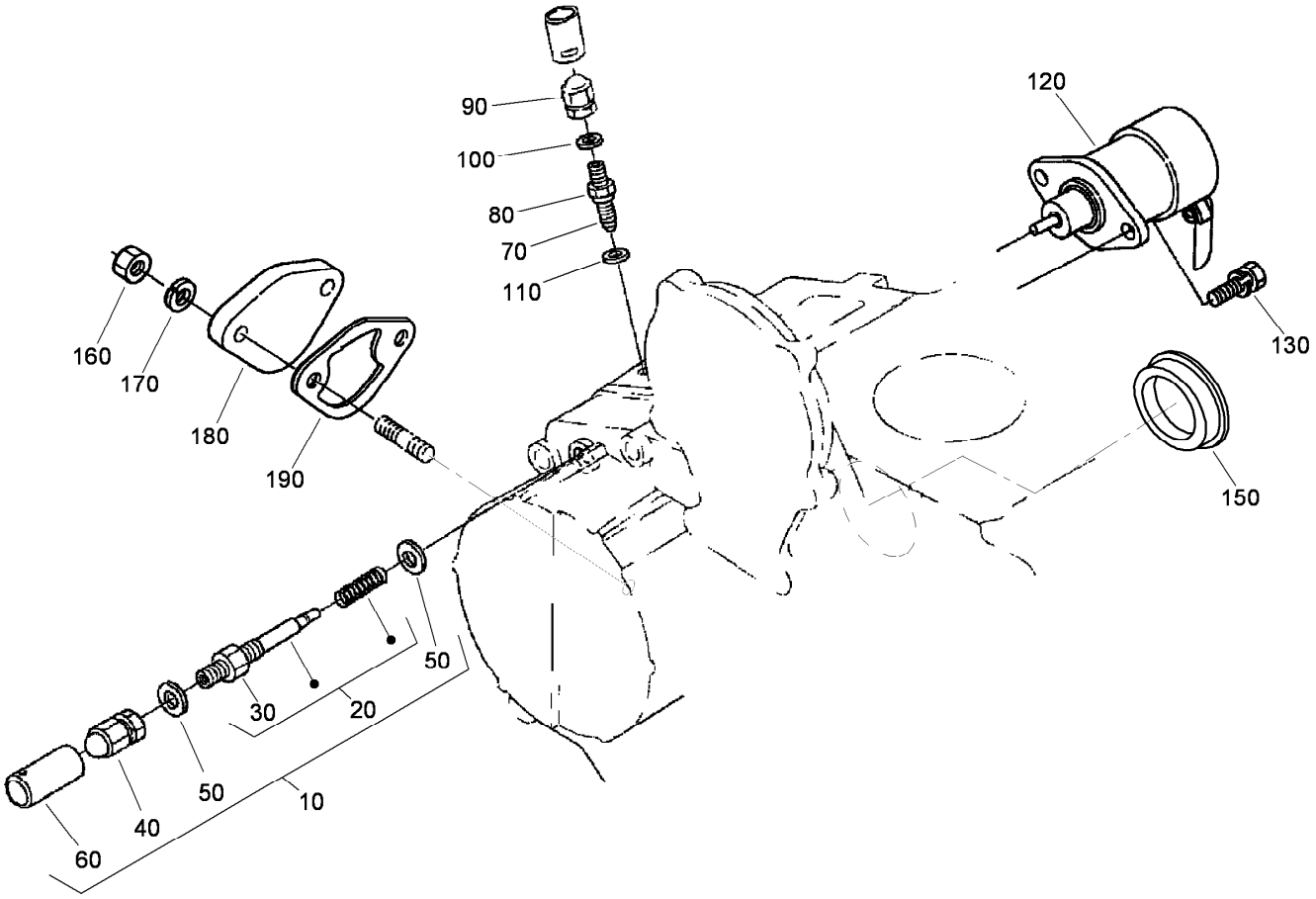
Flywheel Assembly

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



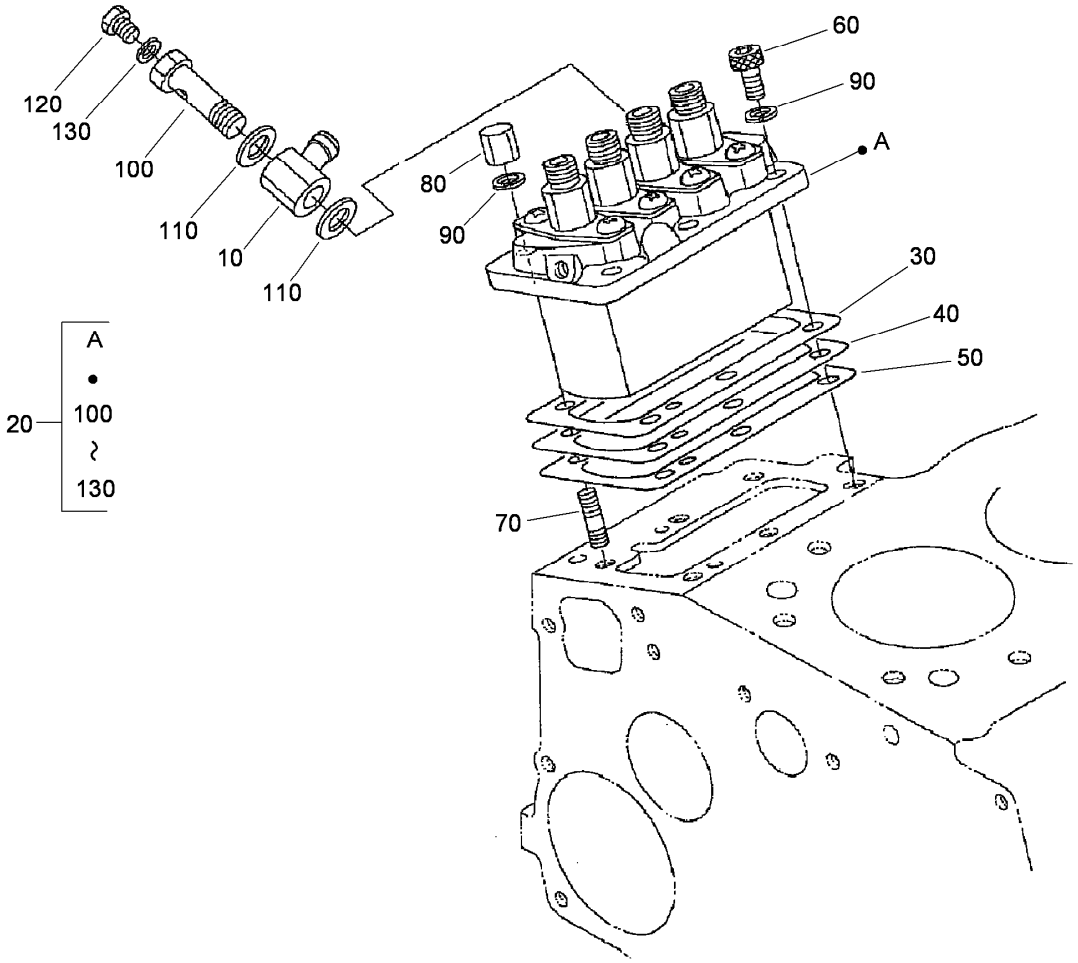
Fuel Camshaft and Governor Shaft Assembly

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
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



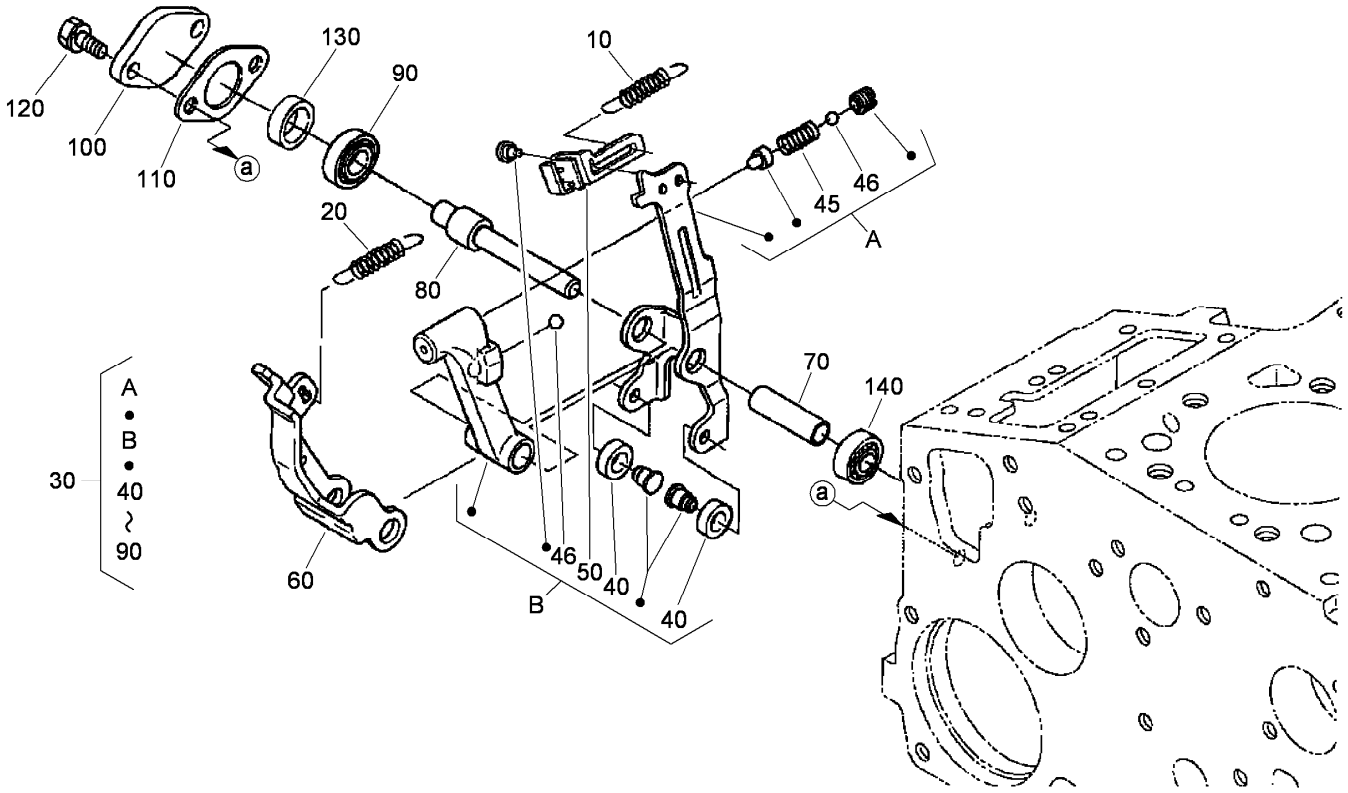
Idle Apparatus Assembly

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
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



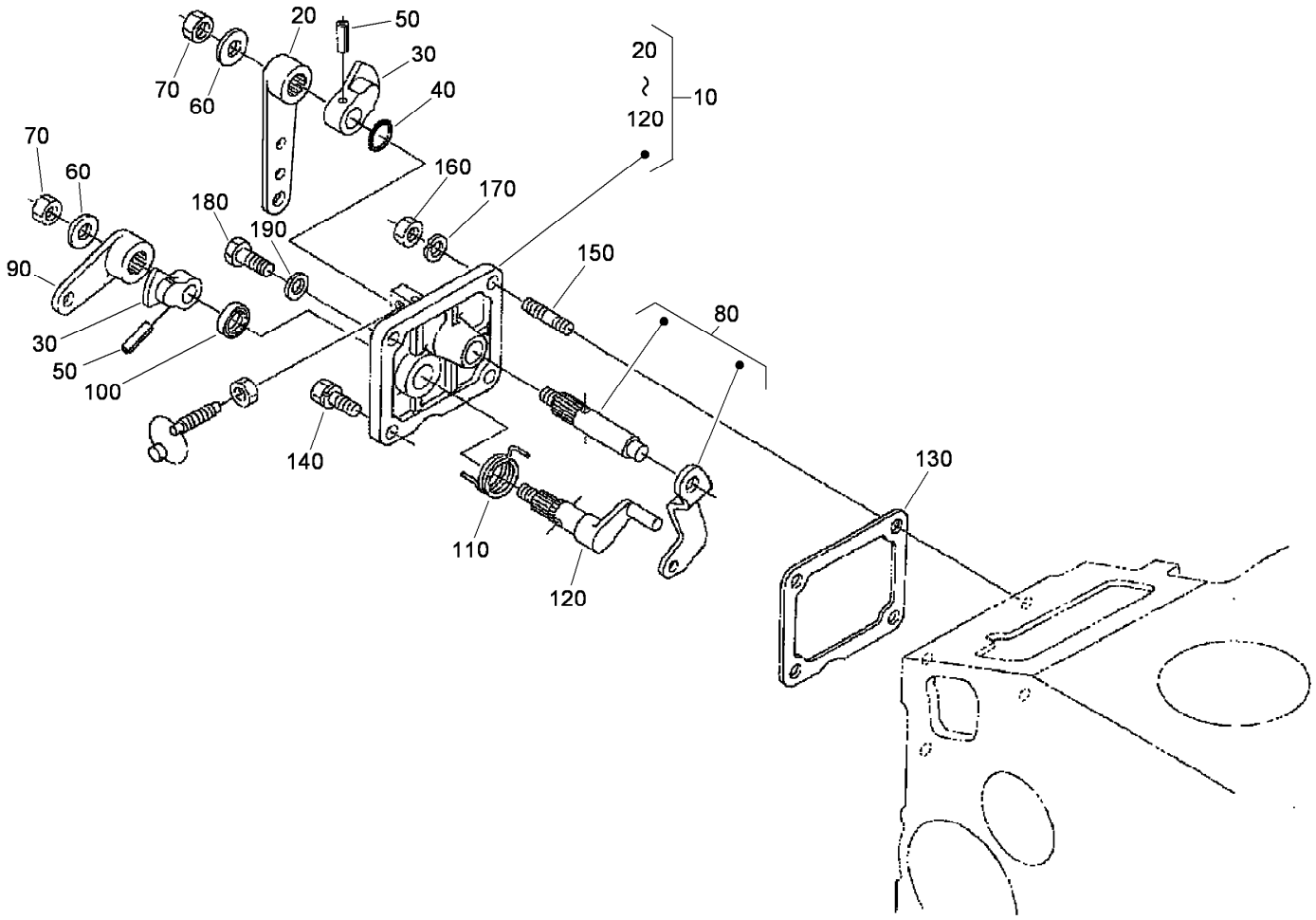
Injection Pump Assembly

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



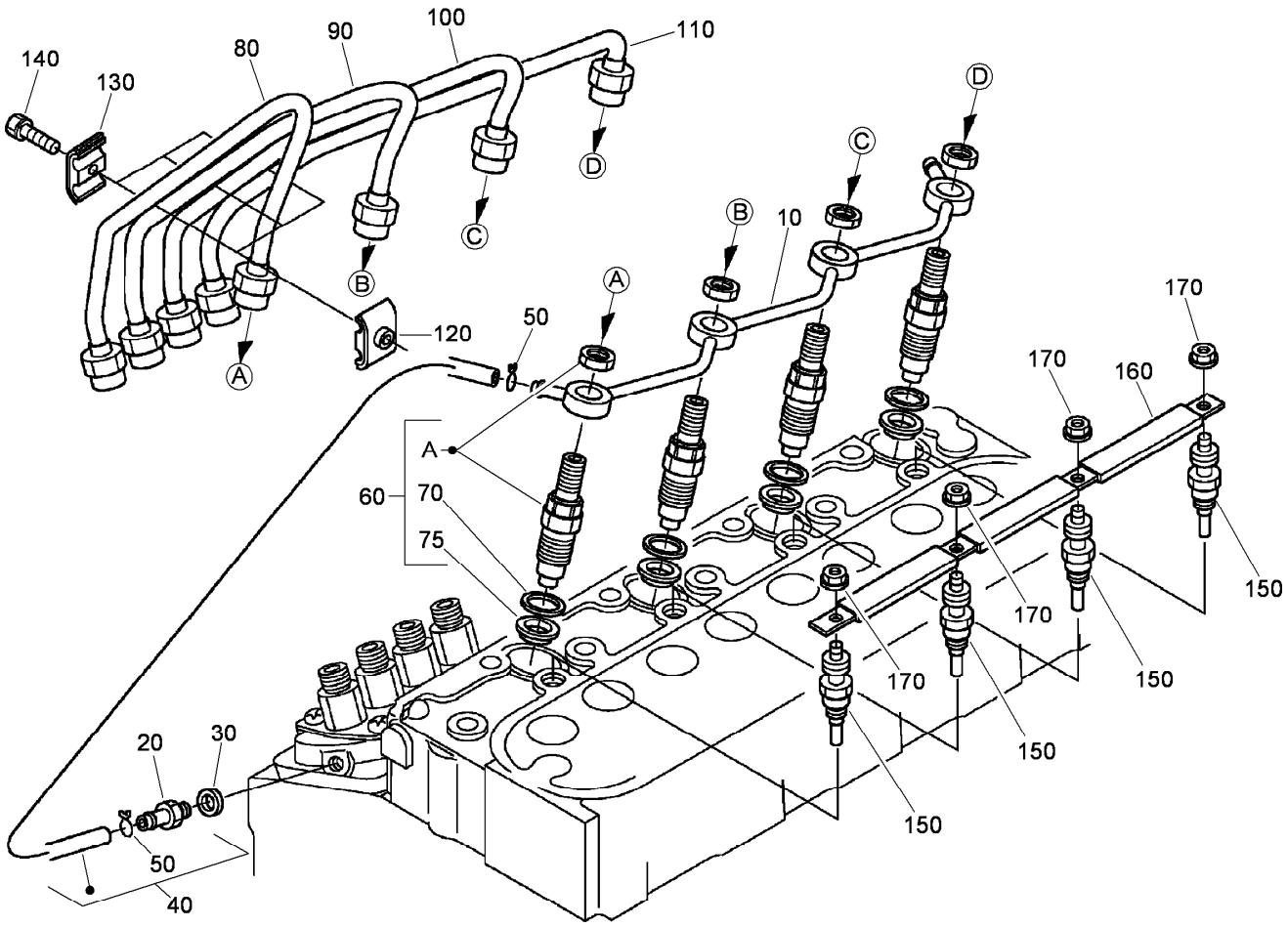
Governor Assembly

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
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



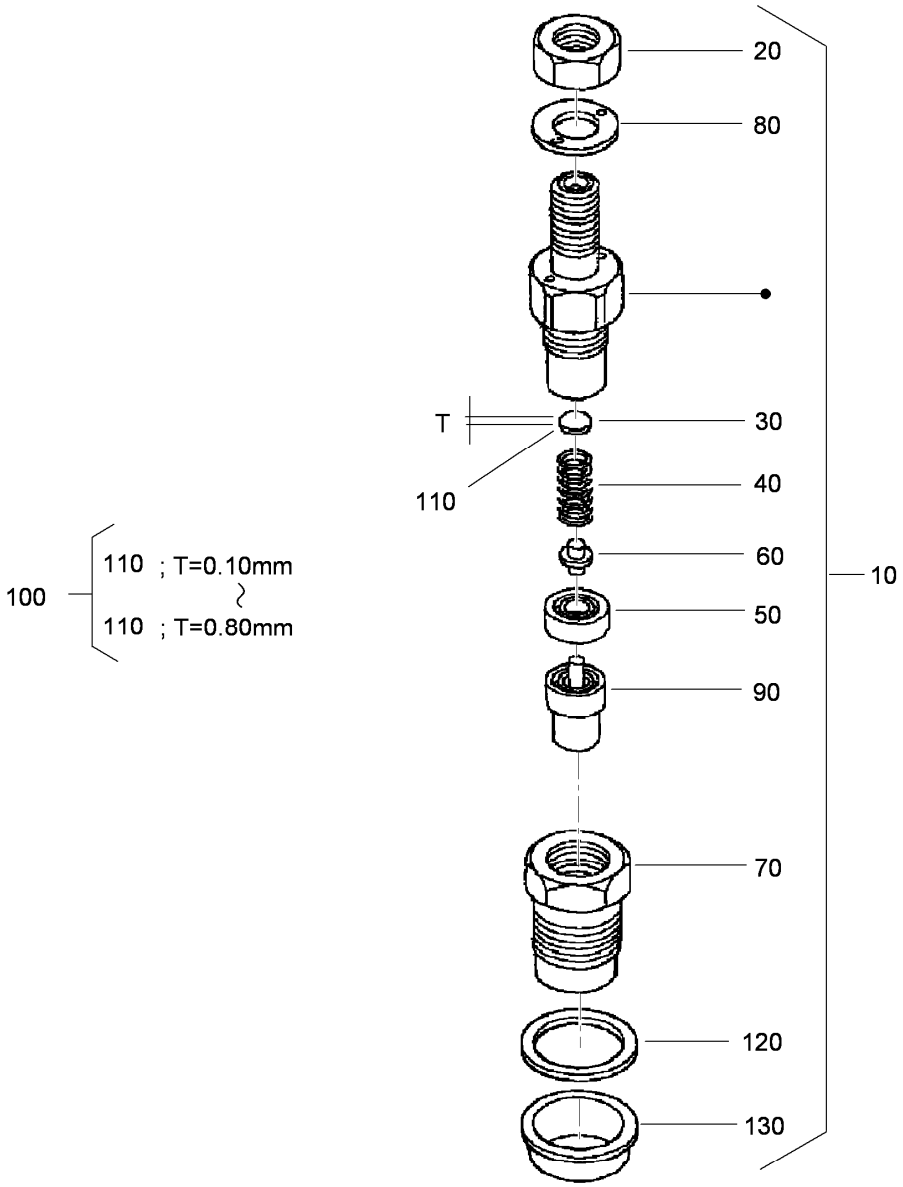
Speed Control Plate Assembly

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
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

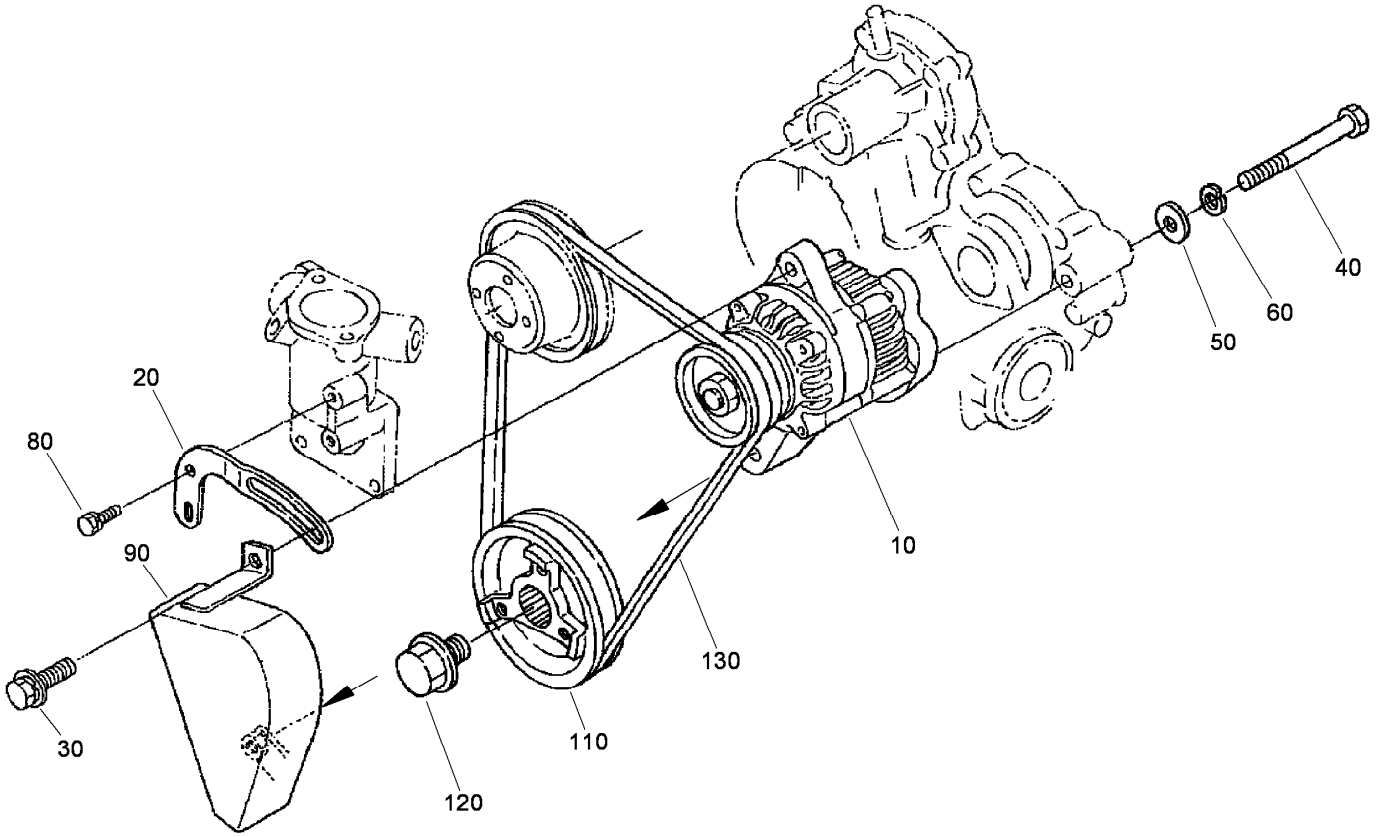
Ref.	*Part Number*	*Qty.*	*Description*
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
50	98-7671	2	Clip-Pipe
60	115-3018	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection
90	98-9654	1	Pipe-Injection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

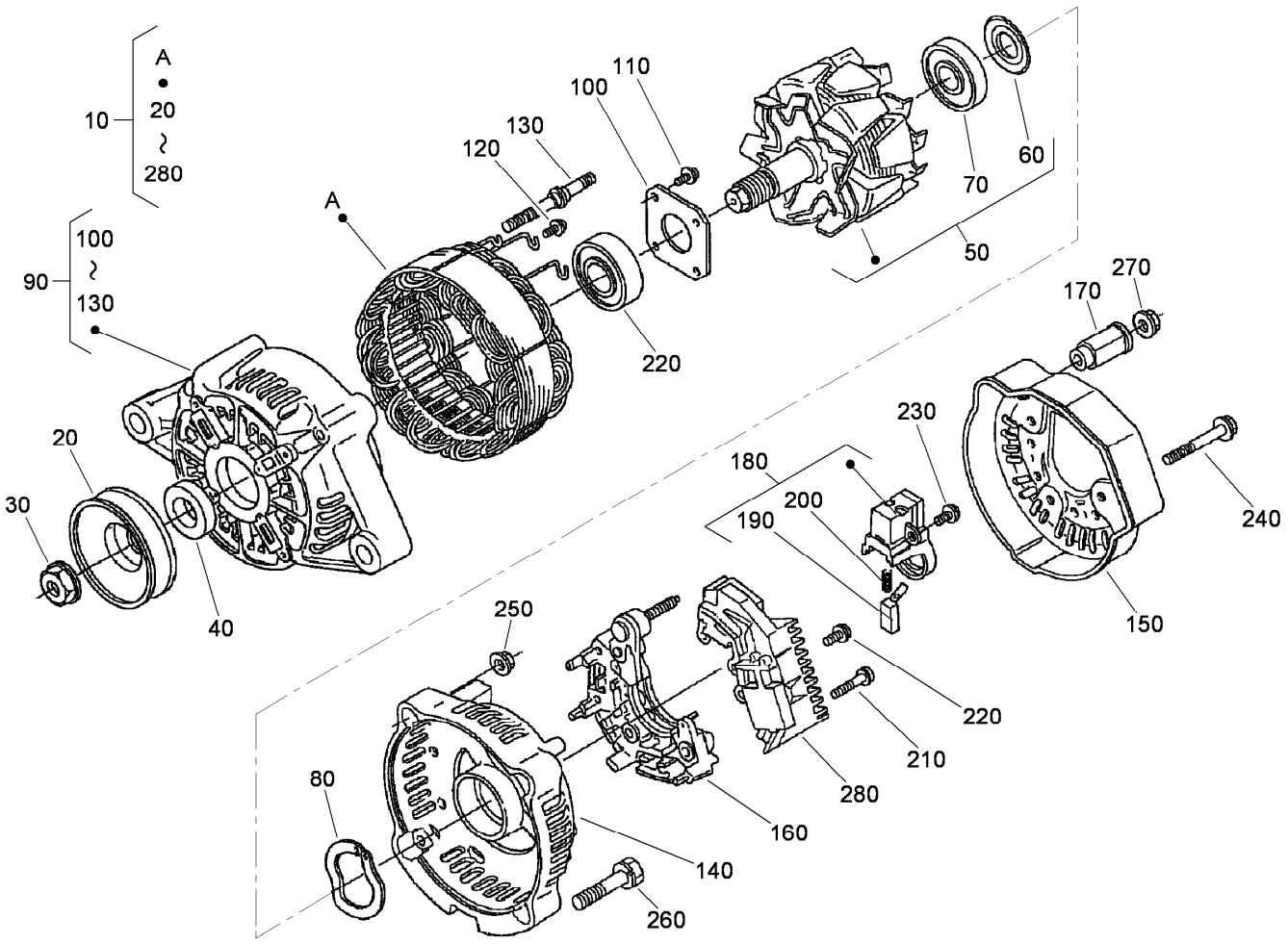
Ref.	Part Number	Qty.	Description
10	115-3018	4	Nozzle Holder Kit
20	99-8301	4	Nut
30	99-8302	4	Washer-Adjusting
40	99-8303	4	Spring-Nozzle
50	99-8304	4	Spacer-Distance
60	99-8305	4	Rod-Push
70	99-8306	4	Nut-Nozzle
80	99-8307	4	Washer-Plain
90	115-3020	4	Piece-Nozzle
100	99-8309	4	Adjusting Washer ASM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

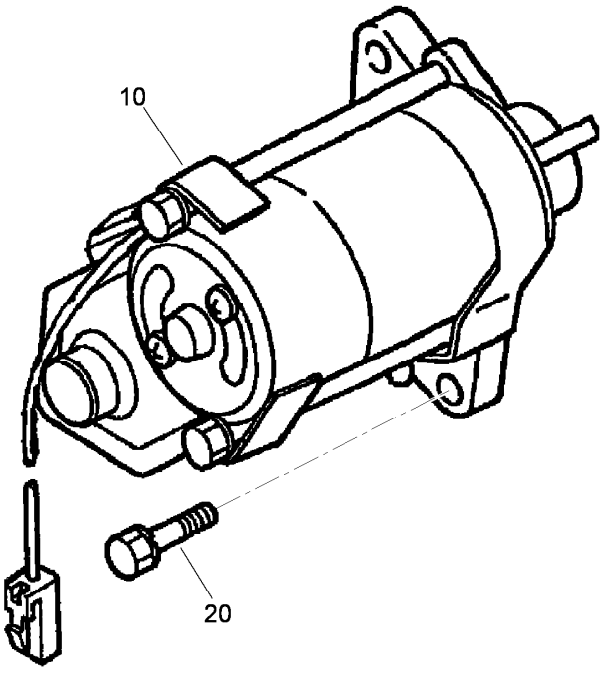
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9474	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7696	1	Washer-Plain
60	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	108-2868	1	Cover-Belt
110	105-3745	1	Pulley-Drive, Fan
120	98-9585	1	Bolt
130	98-9676	1	V-Belt



Alternator Component Assembly

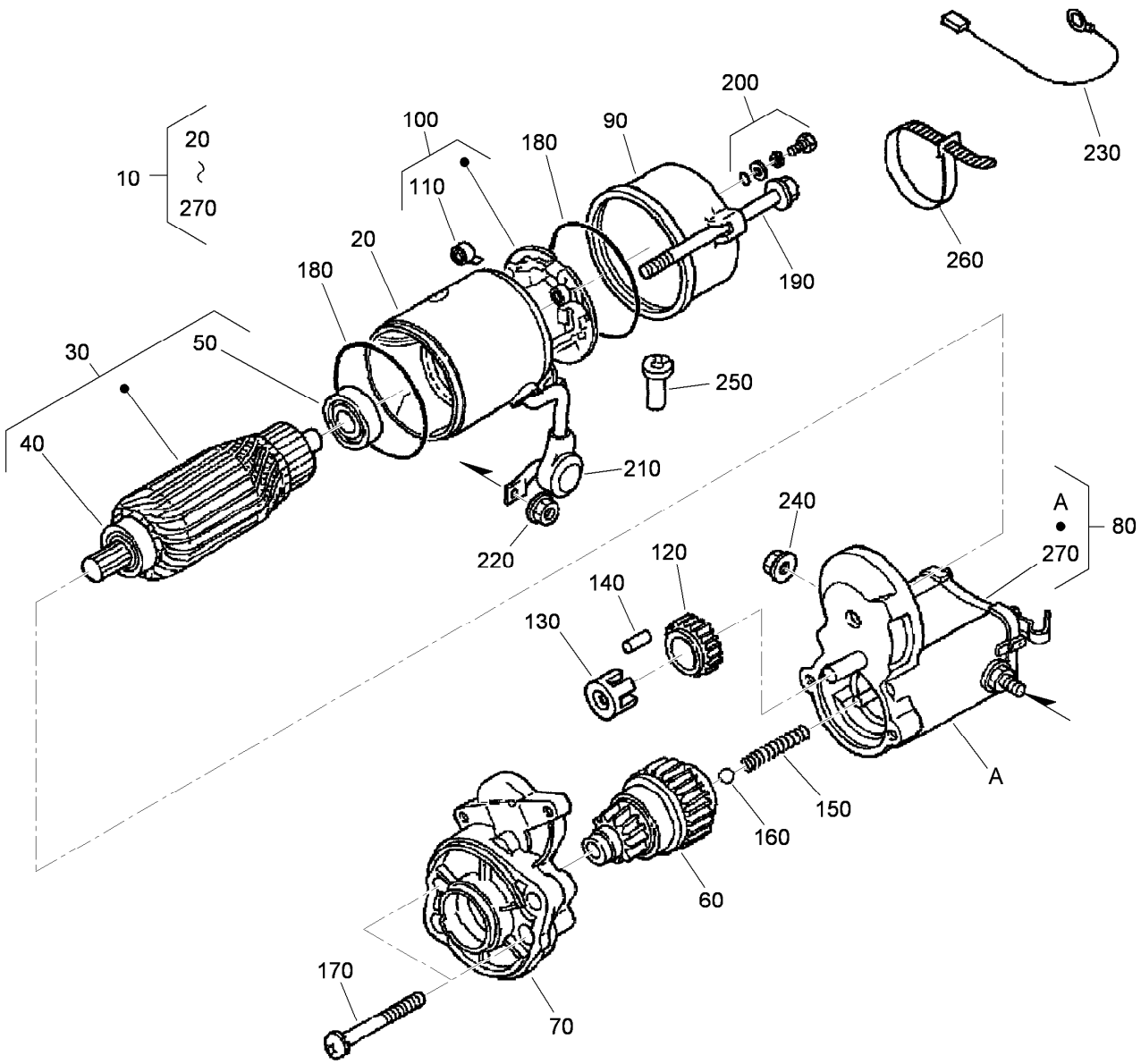
Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	107-0137	1	Bearing-Ball
140	107-9087	1	Frame-End

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



Starter Assembly

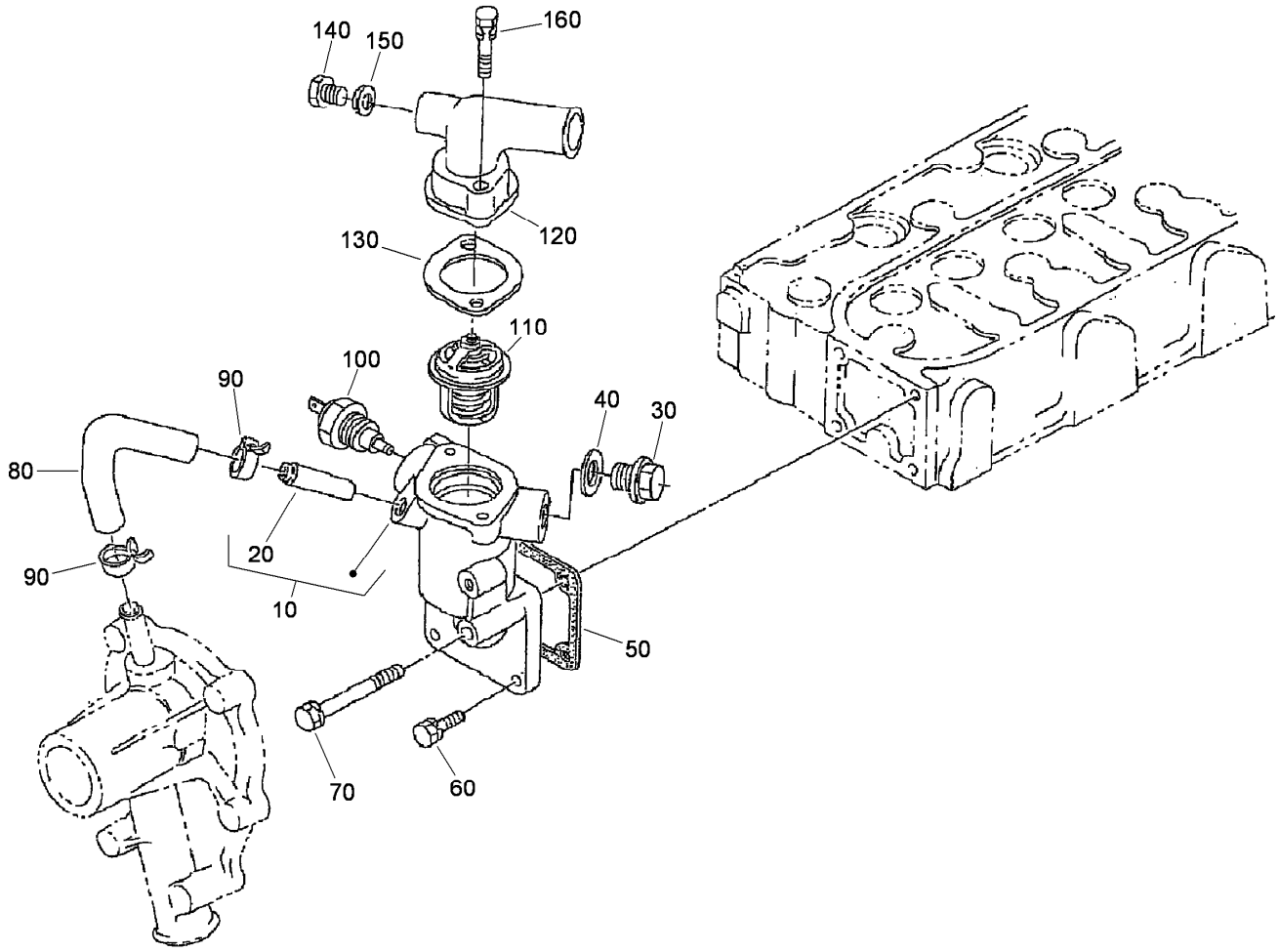
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



Starter (Component Part) Assembly

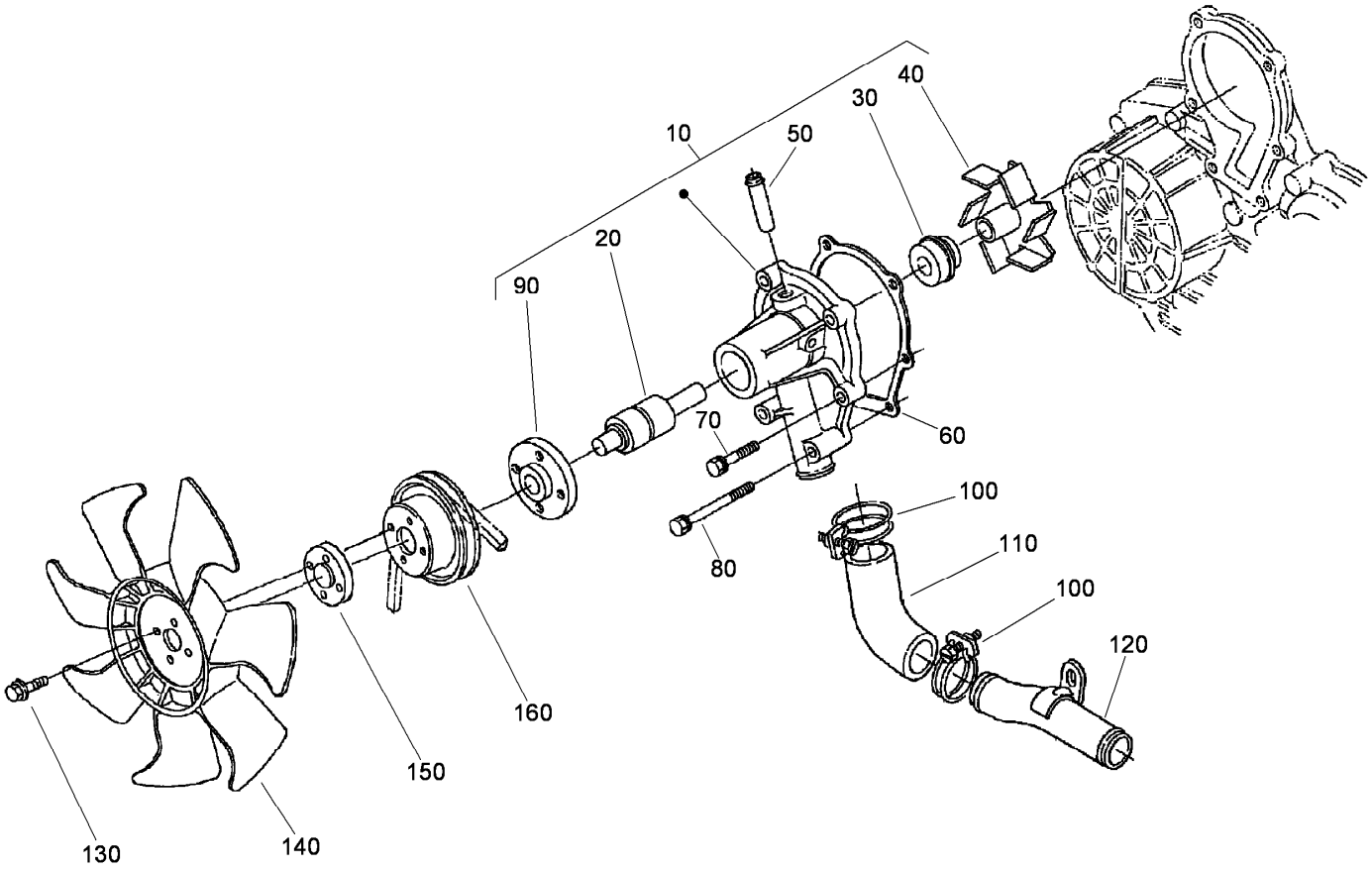
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM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

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



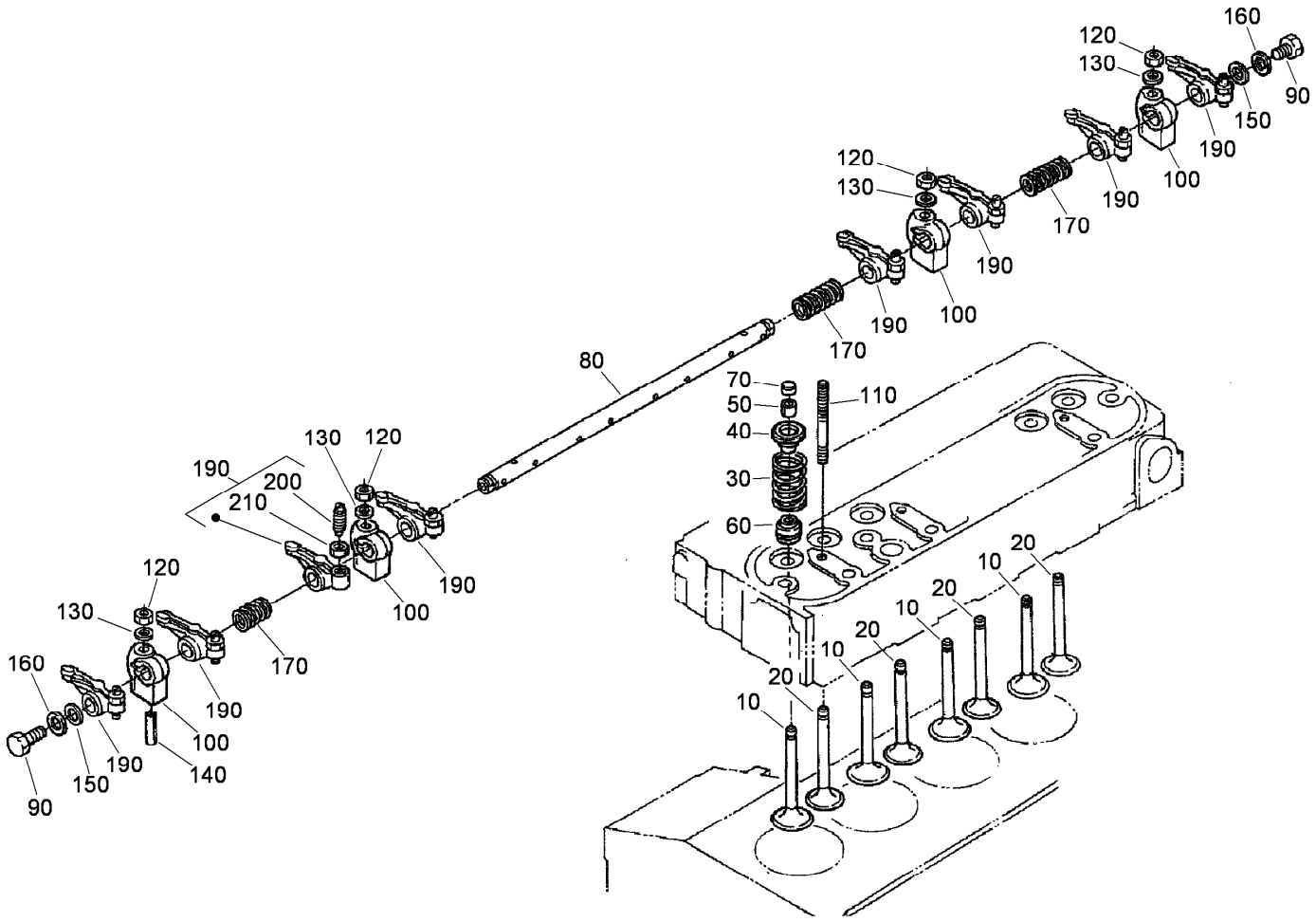
Water Flange and Thermostat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	105-3747	1	Plug
40	99-3583	1	Gasket
50	98-9638	1	Gasket-Flange, Water
60	98-7692	3	Bolt
70	98-9356	1	Bolt
80	98-9578	1	Pipe-Return, Water
90	98-9579	2	Band-Pipe
100	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



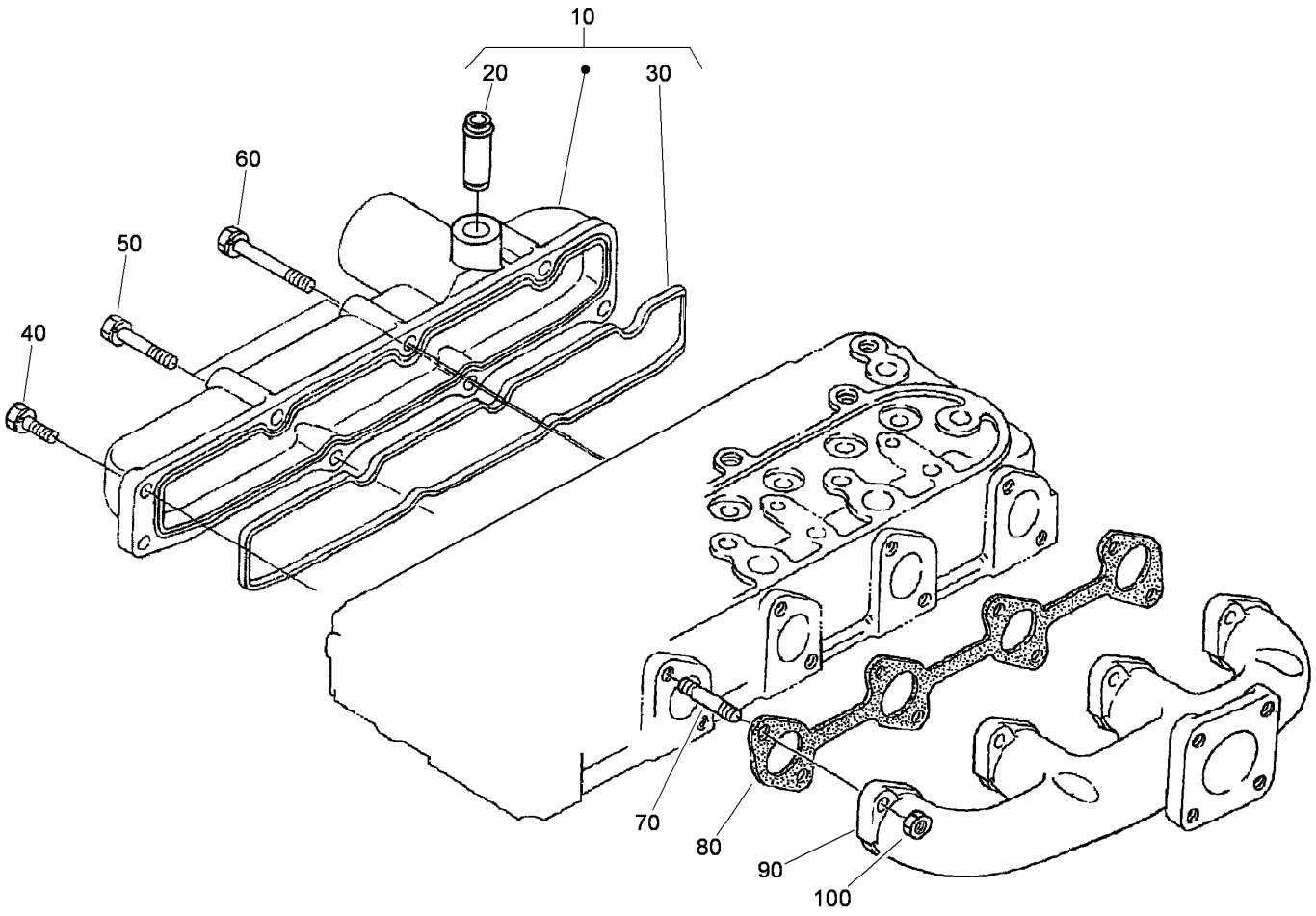
Water Pump Assembly

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
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



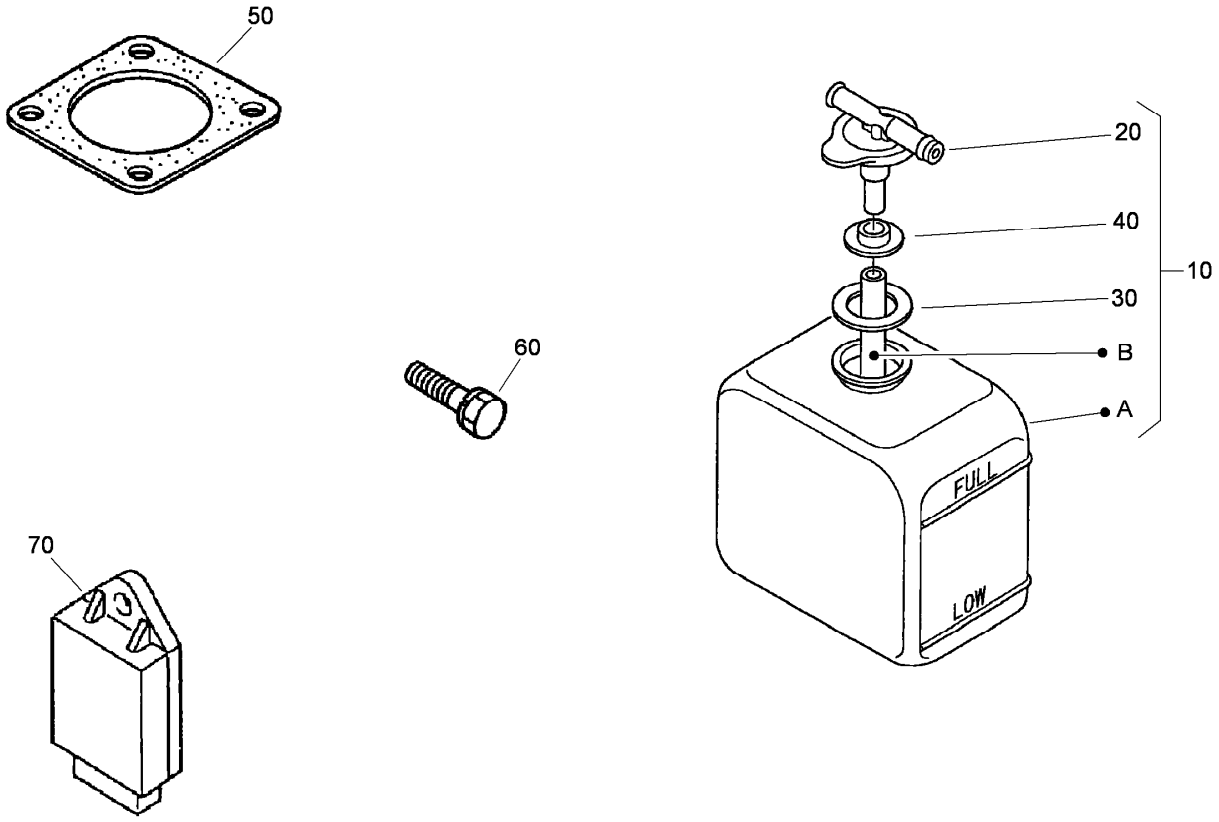
Valve and Rocker Arm Assembly

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
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, R-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, Inlet
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-Ex-Manifold
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	104-9318	1	Overflow Bottle ASM
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

Attachments and Accessories

For 41593 Multi-Pro 5800 Turf Sprayer

Product Name	Model/Part
Speedometer Kit	106-4839
Premium All Season Hydraulic Fluid (55 Gallon Drum)	108-1177
Premium All Season Hydraulic Fluid (5 Gallon Pail)	108-1178
Premium Engine Oil, 10w30 (55 Gallon Drum)	108-1179
Premium Engine Oil, 10w30 (5 Gallon Pail)	108-1180
Premium 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
Foam Marker Tank Mount	112-7812
Spark Arrestor	115-2919
Beacon Kit	120-8505
License Plate Kit	120-8506
Spring Upgrade Kit, Multi-Pro Turf Sprayer with Covered Boom Kit	120-8508
Single Nozzle Kit	41023
Foam Marker Kit	41236
Heat Shield Kit	41601
Covered Boom Kit	41602
Homologation Kit	41603
Pro Control Spray System	41604
Spray Gun Kit	41605
Eductor Kit	41612
Electric Hose Reel Kit	41613
Tank Rinse Kit	41614
Sonic Boom Kit	41615
Manual Spray Mode Kit	41616
BBA Kit	41617

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Count on it.