



**Count on it.**

**Parts Catalog**

**Z Master® Professional 7000  
Series Riding Mower**

**With 132cm TURBO FORCE® Rear Discharge  
Mower**

Model No. 72279TE—Serial No. 406397919 and Up



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

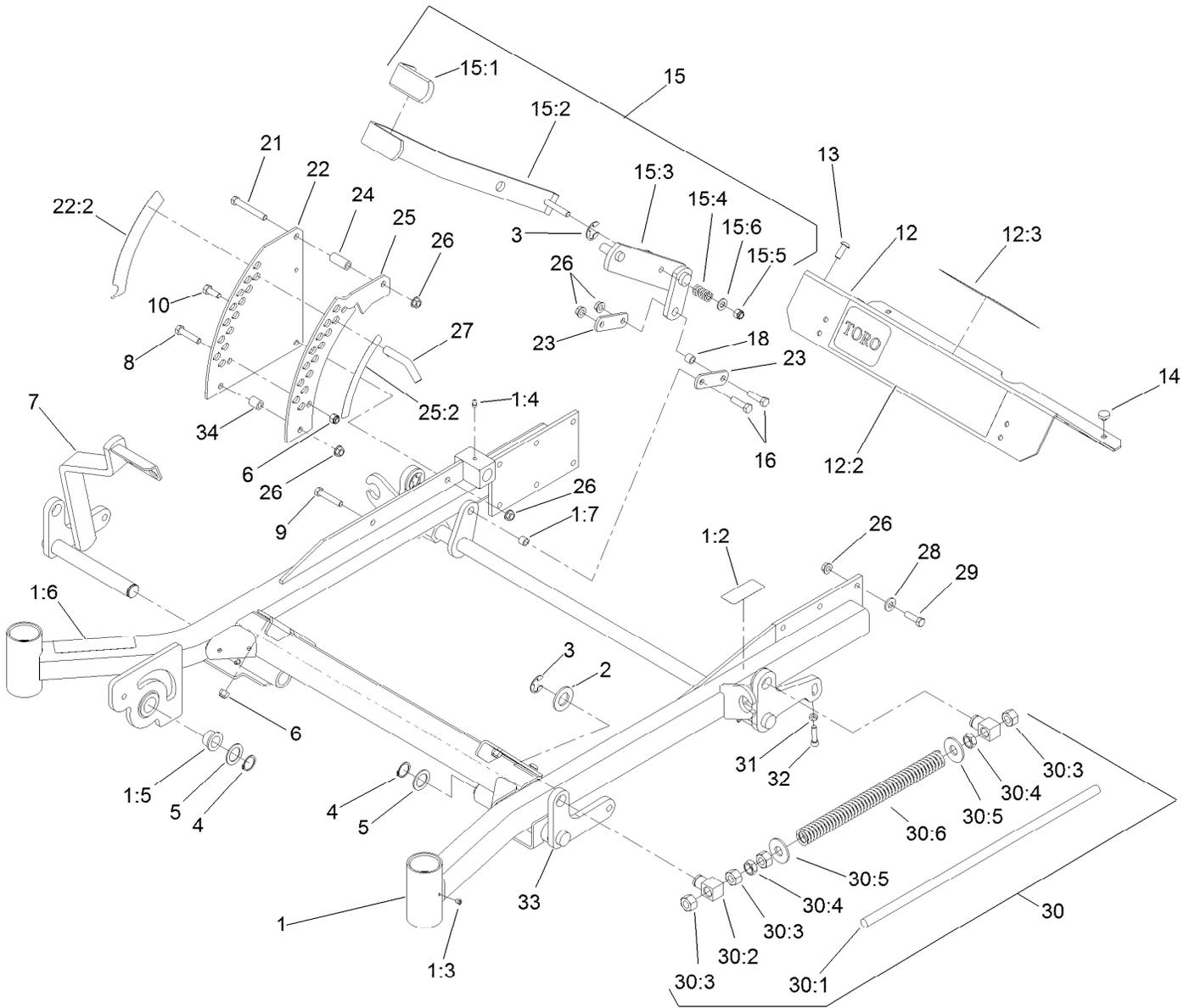
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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

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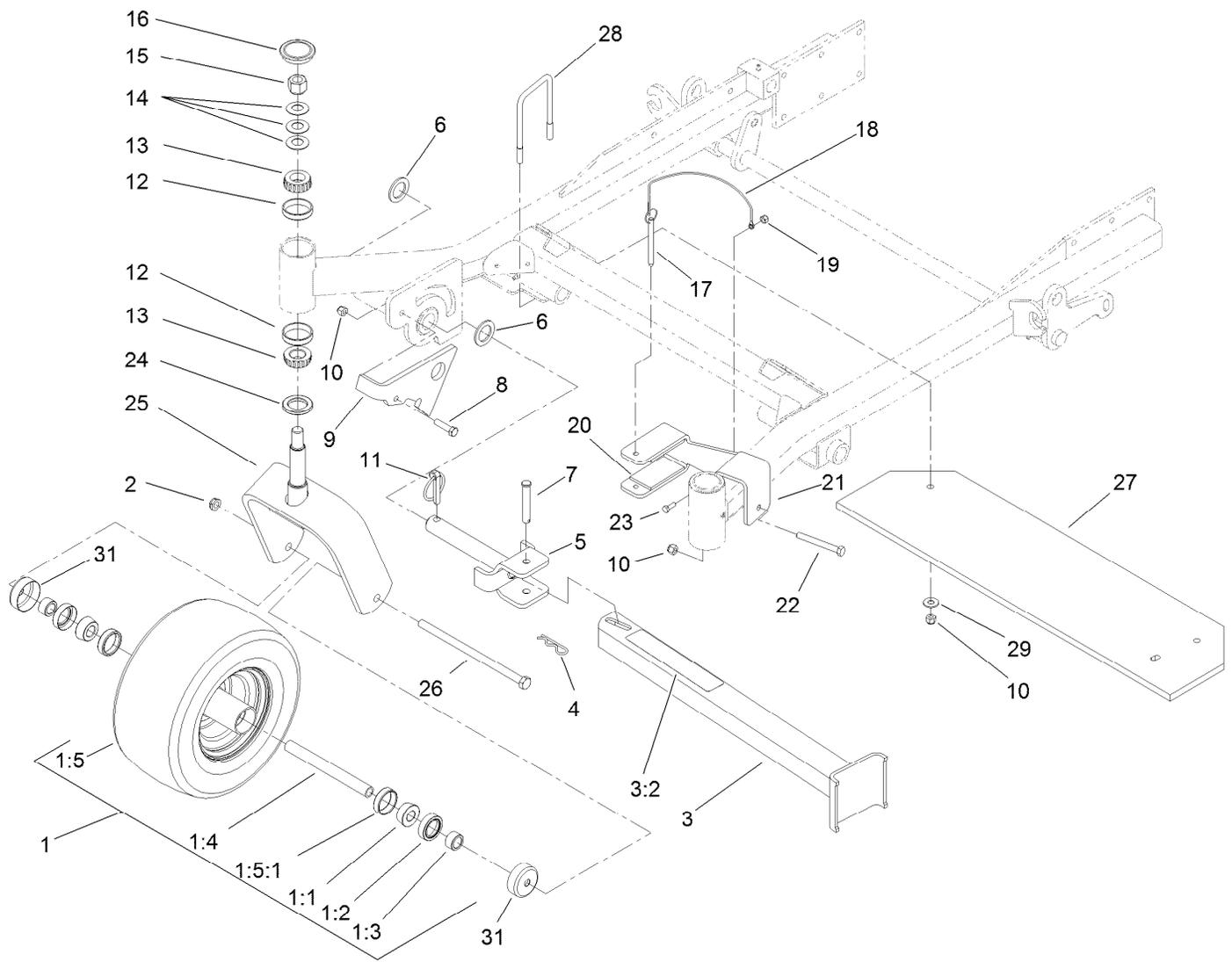
# Front Frame Assembly



## Front Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-0800	1	Frame ASM	15:5	3296-39	1	Nut-Lock, NI
1:2	107-3968	1	Decal-Brake, Parking	15:6	3256-24	1	Washer-Flat
1:3	1-811010	2	Plug	16	323-29	2	Screw-HH
1:4	302-19	5	Fitting-Grease	18	103-1918	1	Bushing
1:5	94-1291	2	Bushing	21	323-11	1	Screw-HH
1:6	107-3969	1	Decal-Warning	22	117-0367	1	Plate-HOC, Outer
1:7	103-1918	1	Bushing	22:2	107-3961	1	Decal-Height, Deck
2	3256-29	4	Washer-Flat	23	1-633068	2	Arm-Lift, Deck
3	32151-103	5	Ring-Retaining, EXT	24	1-633082	1	Bushing-Lever, Lift
4	32151-29	2	Ring-Retaining	25	117-0370	1	Plate-HOC, Inner
5	1-523157	2	Washer-Spacer	25:2	107-3962	1	Decal-Height, Deck
6	3296-39	5	Nut-Lock, NI	26	3290-357	17	Nut-HHF, Whiz
7	108-7786-01	1	Lift-Deck, RH Front	27	109-8757	1	Pin-HOC
8	323-9	1	Screw-HH	28	98-5975	12	Washer-Belleville
9	323-10	1	Screw-HH	29	323-7	12	Screw-HH
10	323-6	1	Screw-HH	30		2	Front Frame Spring ASM ●
12	107-3976	1	Footrest	30:1	1-633096	1	Rod-Lift, Deck
12:2	140-1215	1	Decal-Console	30:2	1-633441	2	Swivel-Deck Mount, Rear
12:3	132-0871	1	Decal-Danger	30:3	3217-11	4	Nut-Hex
13	3274-94	4	Screw-HSBH	30:4	3218-6	2	Nut-Jam
14	1-513658	2	Bumper	30:5	3256-7	2	Washer-Flat
15	110-5860	1	Deck Lift Handle ASM	30:6	1-633064	1	Spring-Support, Deck
15:1	1-633295	1	Grip-Lever, Lift	31	3218-2	2	Nut-Jam
15:2	103-2083-03	1	Lever-Lift	32	3274-18	2	Screw-HSH
15:3	103-2064-03	1	Arm-Lift, Deck	33	106-8984-01	1	Lift-Deck, LH
15:4	1-633325	1	Spring-Compression	34	1-633080	1	Bushing-Lever, Lift

● Not serviced separately

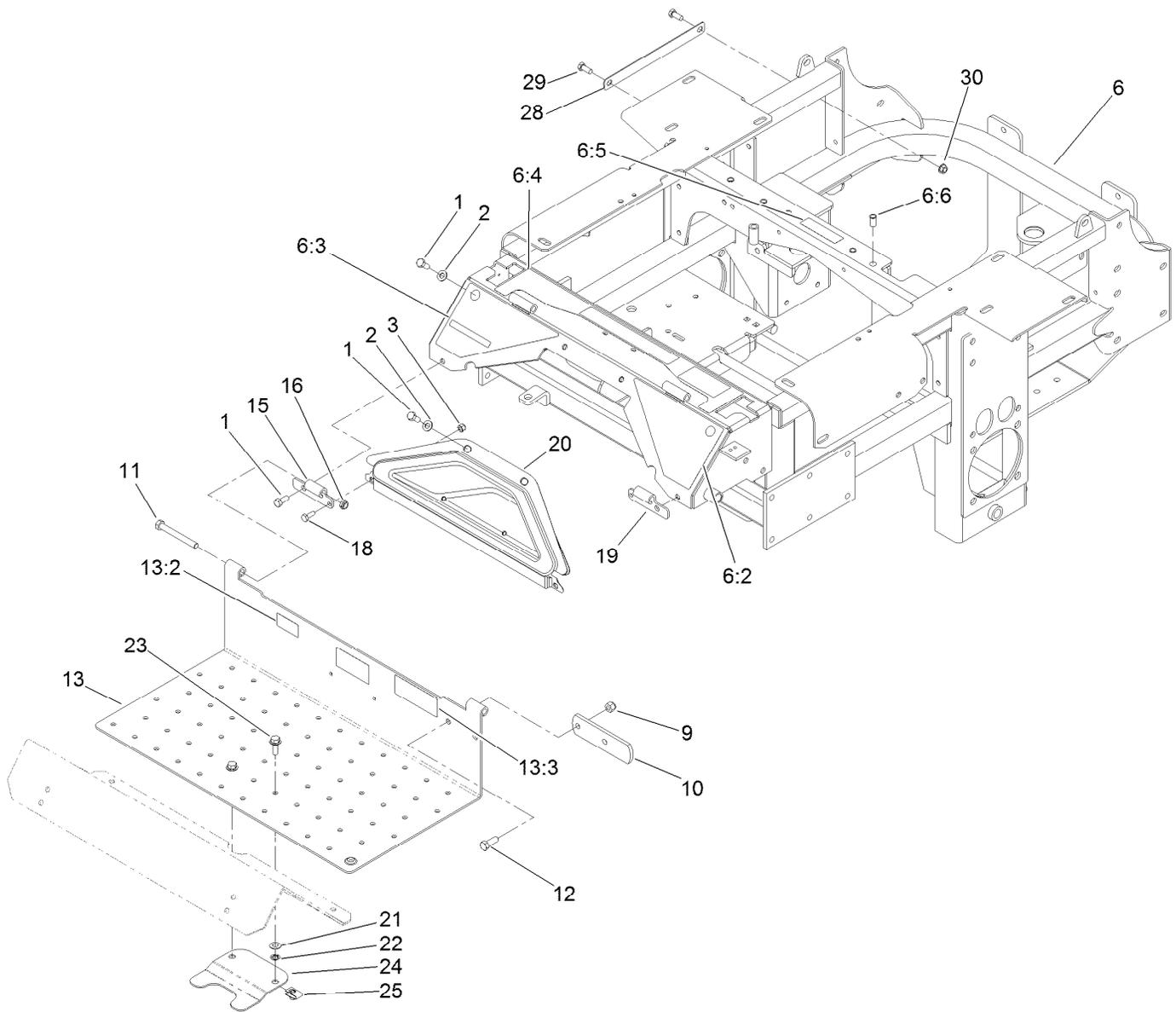


## Fork, Caster Wheel and Z Stand Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	109-9125	2	Wheel And Tire ASM	13	254-94	4	Bearing-Cone, Tapered
1:1	1-633585	2	Bearing-Cone, Taper	14	1-633508	6	Washer-Bellville
1:2	103-0063	2	Seal-Caster	15	3296-51	2	Nut-Lock, NI
1:3	103-3051	1	Spacer-Nut ■	16	103-4882	2	Cap-Grease
1:4	126-5361	1	Axle Caster ASM	17	105-1647	1	Pin-Hitch, Cotterless
1:5		1	Wheel And Tire ASM ●	18	100-9385	1	Lanyard-Nylon
1:5:1	1-633584	2	Bearing-Cup	19	3296-42	1	Nut-Lock, NI
2	3296-23	2	Nut-Lock, NI	20	100-6547	2	Cushion-Rubber
3	107-1874	1	Leg ASM	21	100-6542-01	1	Bracket-Cradle
3:2	106-7464	1	Decal-Z Stand	22	323-20	1	Screw-HH
4	3290-355	1	Pin-Hair	23	321-4	1	Screw-HH
5	100-9692-01	1	Pin-Pivot	24	116-5647	2	Seal-Grease
6	3-6781	2	Washer-Thrust	25	116-6705-01	2	Caster
7	283-55	1	Pin-Clevis	26	325-24	2	Screw-HH
8	323-8	1	Screw-HH	27	107-9874-01	1	Weight
9	136-1657-01	1	Plate-Latch	28	110-0817	2	U-Bolt, 3In
10	3296-39	6	Nut-Lock, NI	29	3256-4	4	Washer-Flat
11	283-71	1	Pin-Lynch	31	103-2768	4	Guard-Seal
12	254-72	4	Bearing-Cup, Tapered				

● Not serviced separately

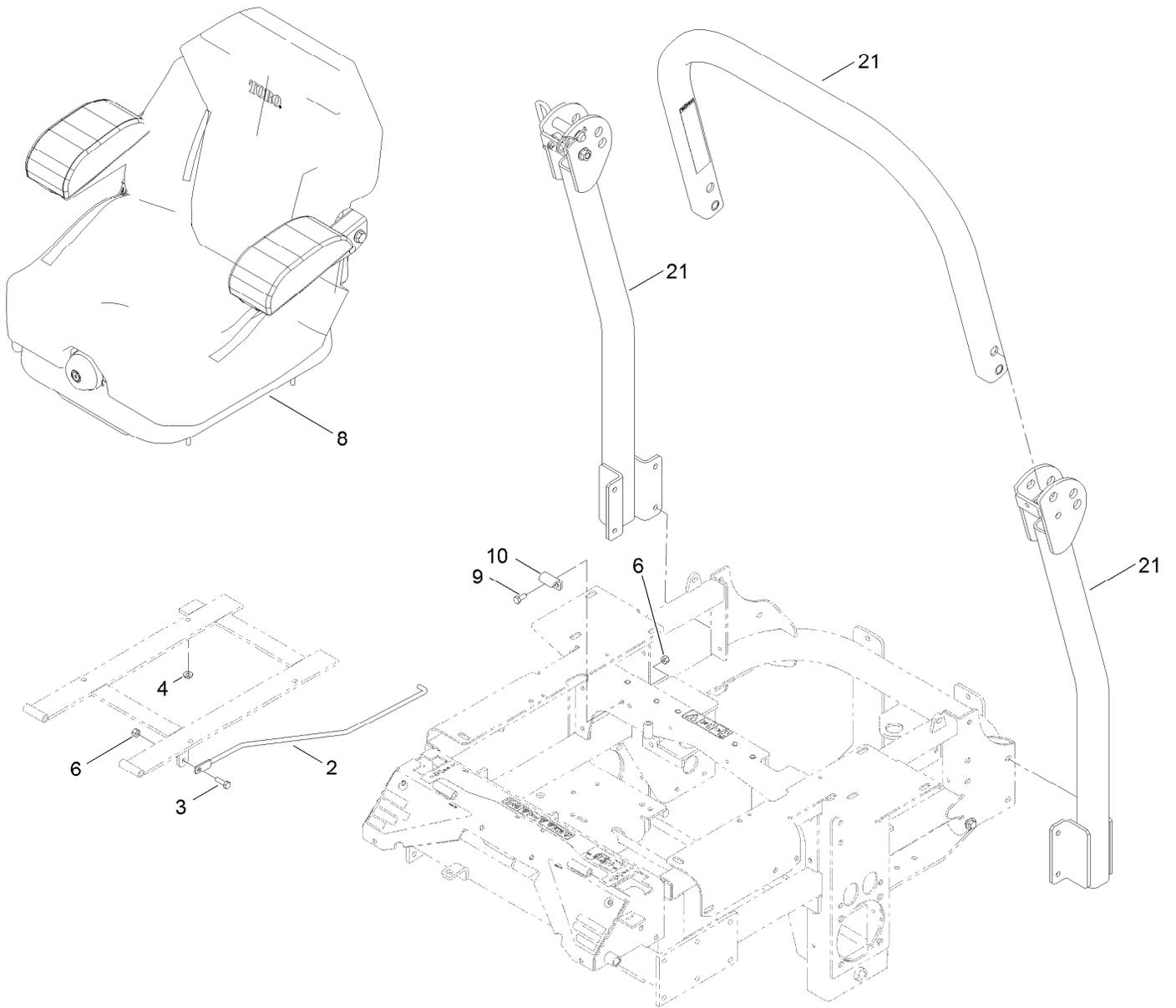
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



## Traction Frame and Floor Pan Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	322-43	6	Screw-HH	13:3	121-7559	1	Decal-Diesel, Bio-Ready
2	3256-70	4	Washer-Flat	15	106-7488-03	1	Hinge-Floorpan, LH
3	3296-42	2	Nut-Lock, NI	16	3296-59	2	Nut-Lock, NI
6	131-7712	1	Traction Frame ASM	18	321-4	2	Screw-HH
6:2	107-3963	1	Decal-Danger, Left	19	106-7489-03	1	Hinge-Floorpan, RH
6:3	107-3964	1	Decal-Warning, Right	20	106-7498	1	Pocket
6:4	110-0820	1	Decal-Console, Top (CE)	21	73-0041	2	Washer-Thrust
6:5	112-9028	1	Decal-Cover, Missing	22	117-2749	2	Nut-Push
6:6	32148-11	5	Nut-Clinch	23	3234-29	2	Screw-HHF
9	3296-39	2	Nut-Lock, NI	24	119-0395-03	1	Adapter-Captive
10	1-633964-03	1	Stop-Brake, Park	25	94-2413	2	Nut-U
11	323-20	2	Screw-HH	28	131-8671-03	1	Strip
12	323-6	2	Screw-HH	29	323-5	2	Screw-HH
13	115-3851	1	Floor Pan ASM	30	3290-357	2	Nut-HHF, Whiz
13:2	98-4387	1	Decal-Protection, Ear				

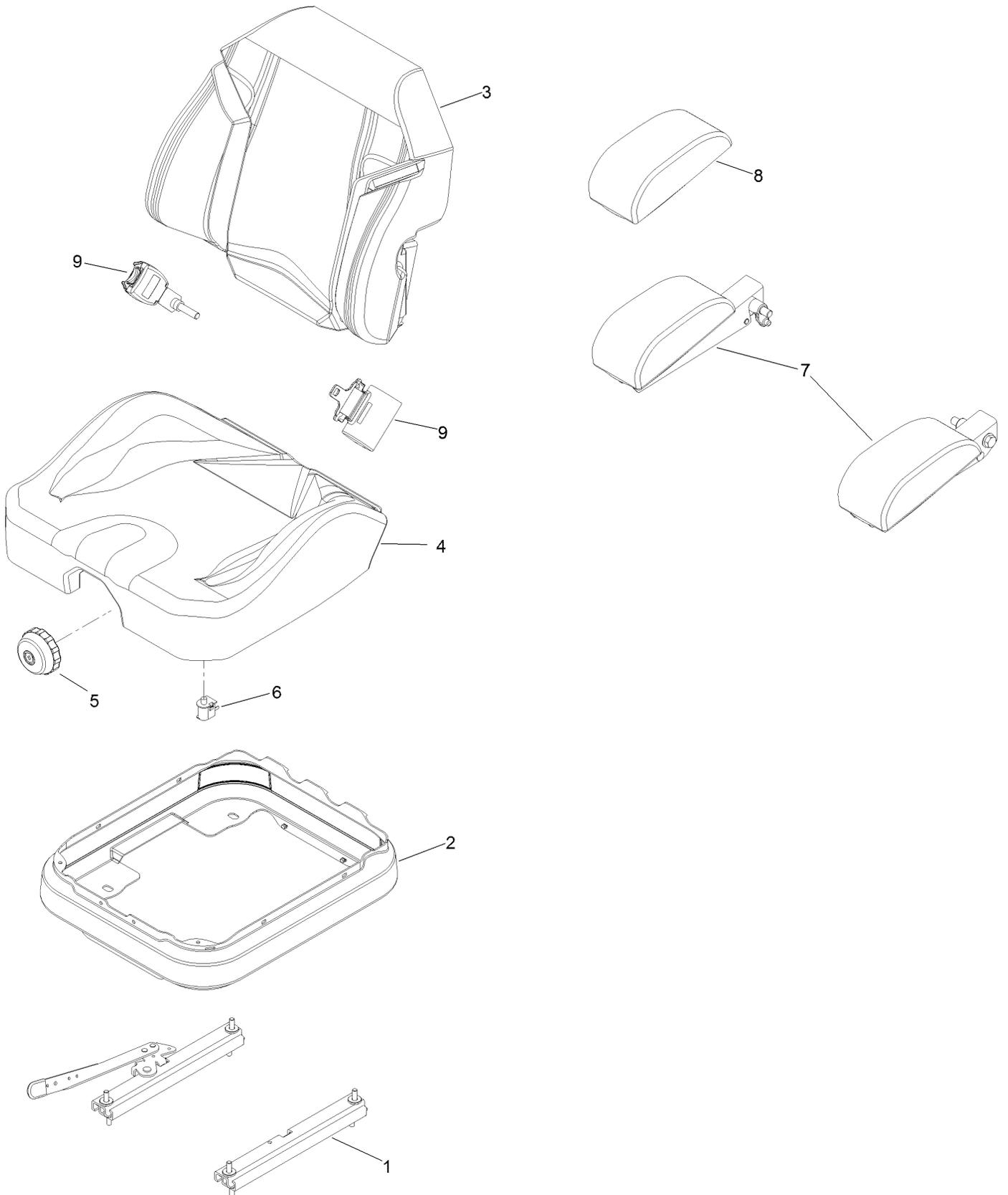
# Seat and Roll-Over Protection System Assembly



# Seat and Roll-Over Protection System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-5341	1	Rod-Prop, Seat	8	140-8003	1	Seat-Suspension
3	322-5	1	Screw-HH	9	322-3	2	Screw-HH
4	32128-20	4	Nut-HF	10	107-3058	1	Catch-Latch, Seat
6	3296-29	3	Nut-Lock, NI	21	110-0877	1	ROPS Kit

# Seat Assembly No. 140-8003

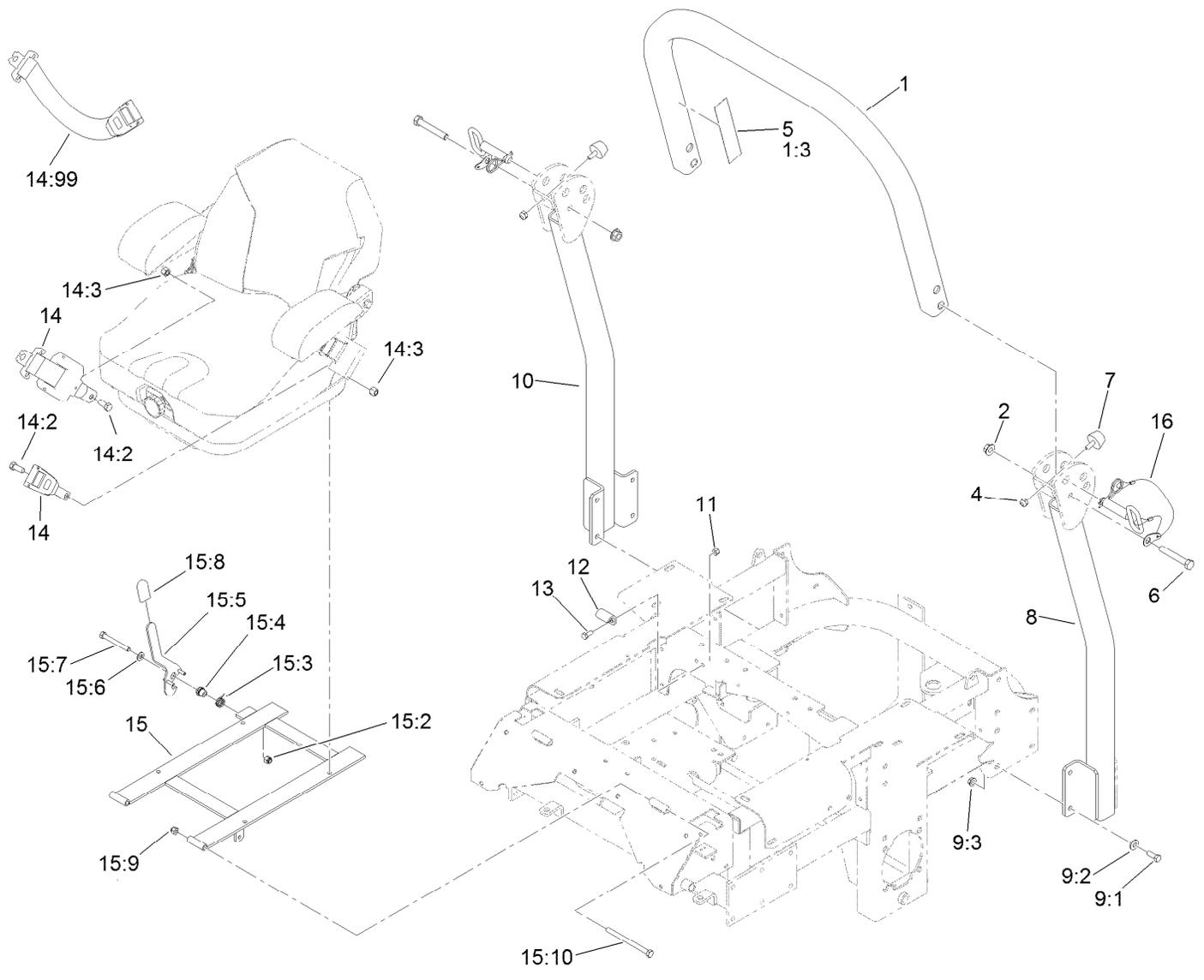


## Seat Assembly No. 140-8003 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-8012	1	Set, Seat Track
2	116-5659	1	Cover-Suspension Bellows
3	140-8004	1	Cover-Back
4	140-8005	1	Cover-Cushion
5	116-8911	1	Knob-Adjuster

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	82-2190	1	Switch-Bail
7	109-9803	1	Arm Rest Set
8	109-9802	1	Arm Rest Pad Set
9	126-2061	1	Seat Belt Service Kit

# Roll-Over Protection System Assembly No. 110-0877

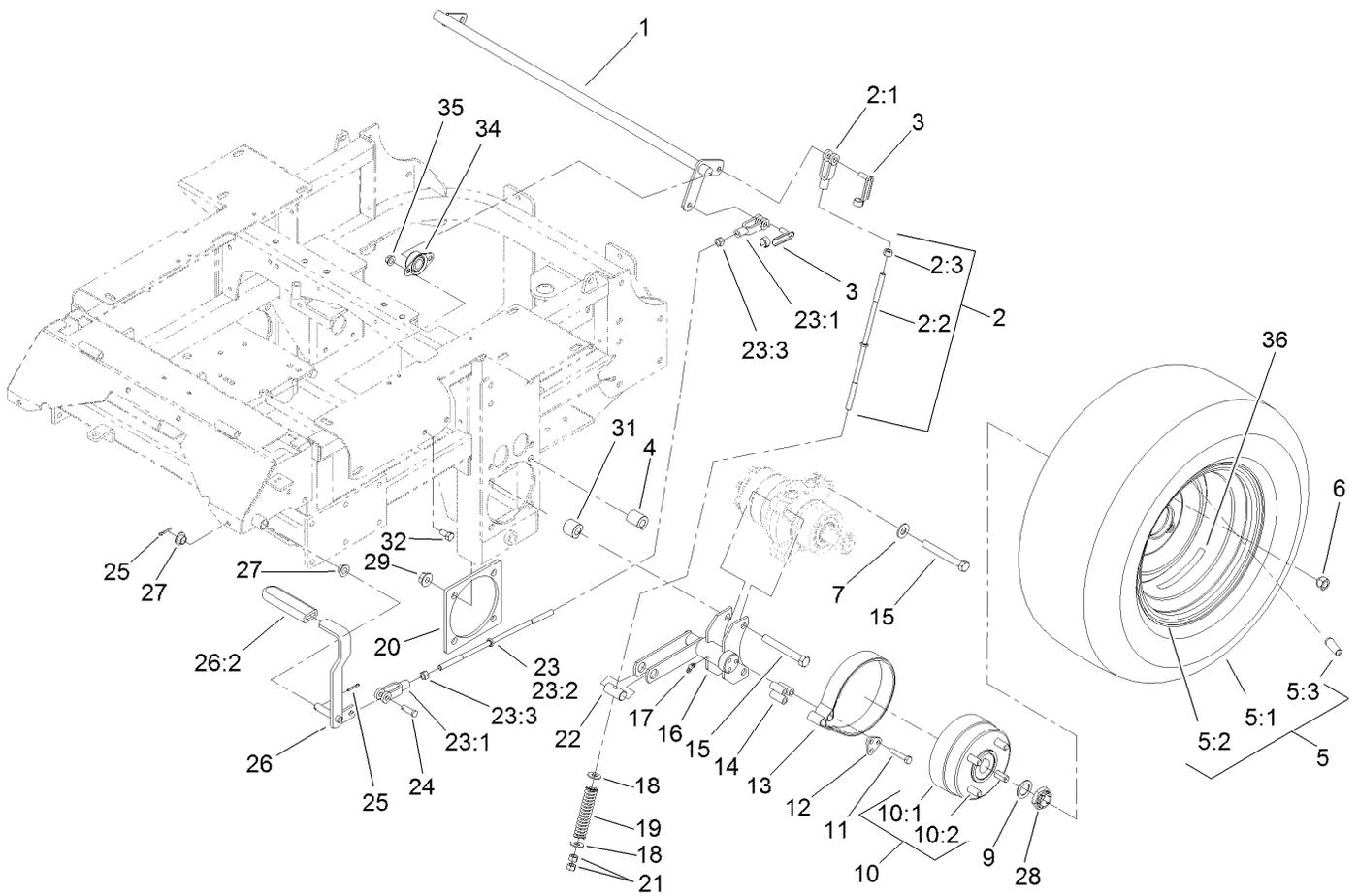


# Roll-Over Protection System Assembly No. 110-0877 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Upper Tube ASM ■	13	322-3	2	Screw-HH
1:3	107-2102	1	Decal-Warning, Folding ROPS	14	110-0883	1	Retractable Seatbelt Kit
2	32128-23	2	Nut-HF	14:2	3212-4	2	Screw-HH
4	3296-73	2	Nut-Lock, NI	14:3	3296-7	2	Nut-Lock
5	107-3069	1	Decal-Warning	14:99	109-6226	1	Seat Belt Extension Kit
6	325-13	2	Screw-HH	15	110-0874	1	Seatframe ASM
7	109-2365	2	Bumper-Rubber	15:2	3296-39	1	Nut-Lock, NI
8		1	Tube-Support, LH ■	15:3	107-0076	1	Spring-Torsion
9		1	Bag-Bolt, ROPS ● ■	15:4	107-0075	1	Bushing-Latch, Seat
9:1	323-6	8	Screw-HH	15:5	107-3083	1	Latch ASM
9:2	98-5975	8	Washer-Belleville	15:6	3256-24	1	Washer-Flat
9:3	3290-357	8	Nut-HHF, Whiz	15:7	323-20	1	Screw-HH
10		1	Tube-Support, RH ■	15:8	103-4434	1	Grip-Lever
11	3296-29	2	Nut-Lock, NI	15:9	3296-39	2	Nut-Lock, NI
12	107-3058	1	Catch-Latch, Seat	15:10	323-39	2	Screw-HH
				16	103-4553	2	Pin-Fold, ROPS

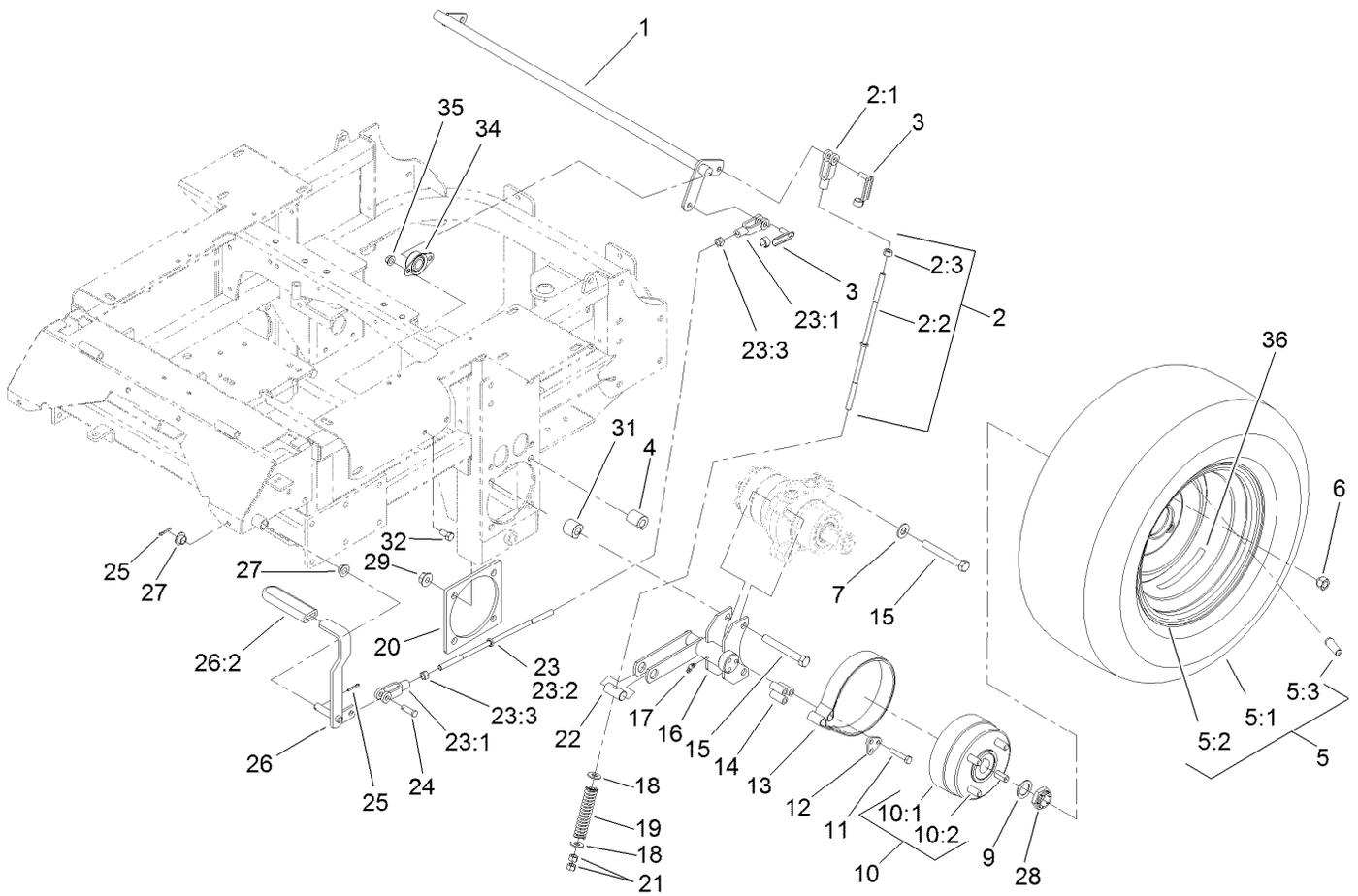
● Not illustrated

■ Not serviced separately



## Main Frame and Rear Wheel Assembly

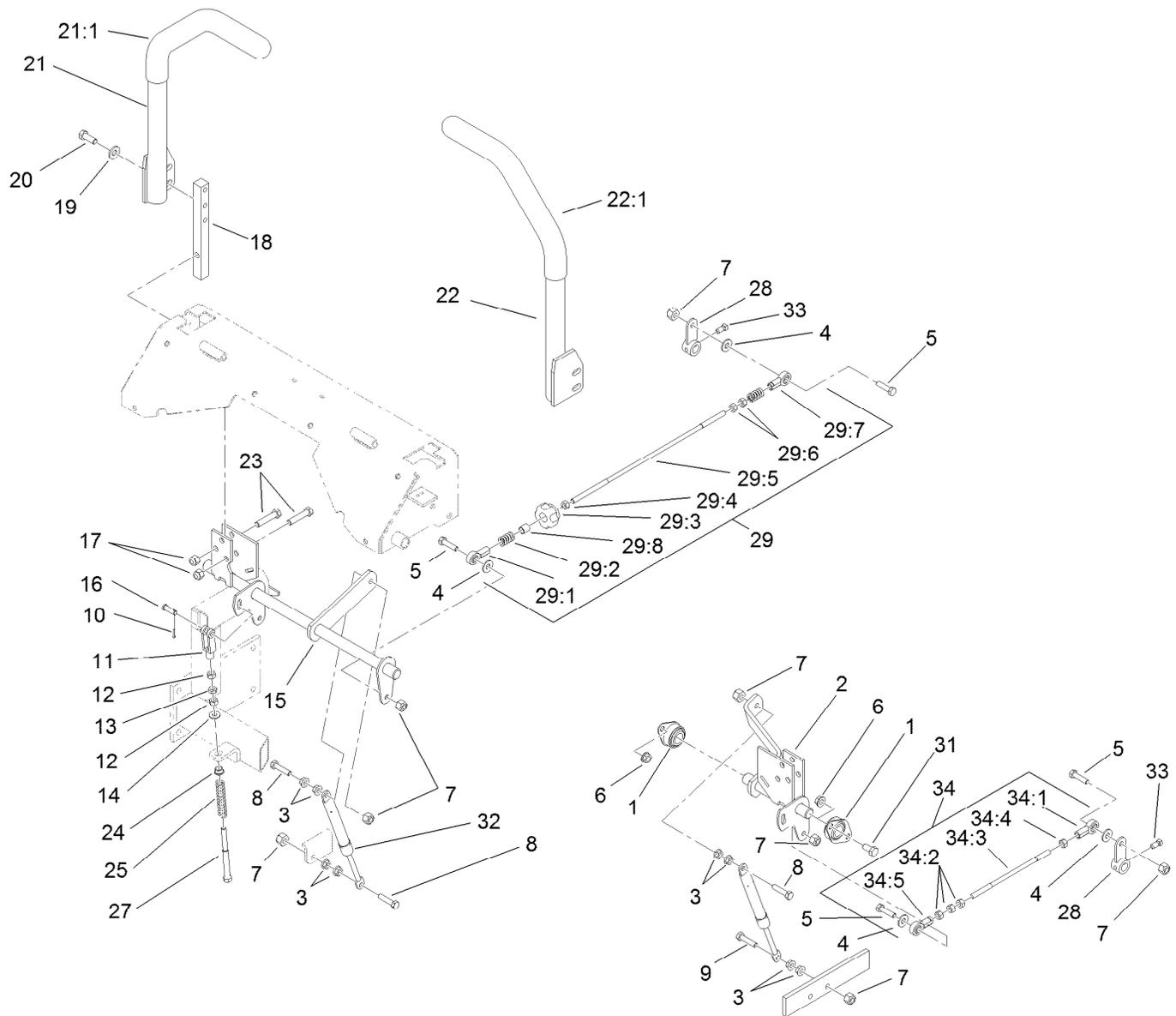
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-632217-03	1	Shaft-Brake	15	325-18	8	Screw-HH
2	108-5963	2	Brake Rod ASM	16	103-0352-03	2	Bracket-Brake
2:1	1-633131	1	Yoke-Linkage, Brake	17	1481	2	Fitting-Grease
2:2	108-5980	1	Rod-Brake	18	3256-4	4	Washer-Flat
2:3	3219-3	1	Nut-Hex	19	1-633454	2	Spring-Brake
3	103-2399	3	Pin-Spring, Clevis	20	103-3271-03	2	Plate-Reinforcement
4	114-1185	4	Spacer-Wheel, Long	21	3219-3	4	Nut-Hex
5	1-653010	2	Wheel And Tire ASM	22	1-633144	2	Pin-Trunion
5:1	1-653160	1	Tire	23	108-5962	1	Brake Rod ASM
5:2	1-653158	1	Wheel	23:1	1-633131	2	Yoke-Linkage, Brake
5:3	232-27	1	Stem-Valve	23:2	1-633477	1	Rod-Brake
6	242-50	8	Nut-Lug	23:3	3219-3	2	Nut-Hex
7	87-7270	4	Washer-Thrust	24	1-808285	1	Pin-Clevis
9	1-523157	2	Washer-Spacer	25	3272-10	2	Pin-Cotter
10	103-0590	2	Wheel Hub ASM	26	1-634500	1	Brake Lever ASM
10:1	103-0589	1	Hub-Wheel	26:2	1-633268	1	Grip-Lever
10:2	1-633926	4	Stud-Wheel	27	1-513140	2	Bearing-Control
11	322-9	6	Screw-HH	28	116-1399	2	Locknut
12	103-0374	2	Retainer-Band, Brake	29	32128-49	8	Nut-HHF
13	103-0355	2	Band-Brake	31	114-1184	4	Spacer-Wheel, Short
14	103-0384	6	Spacer	32	323-4	4	Screw-HH



## Main Frame and Rear Wheel Assembly (continued)

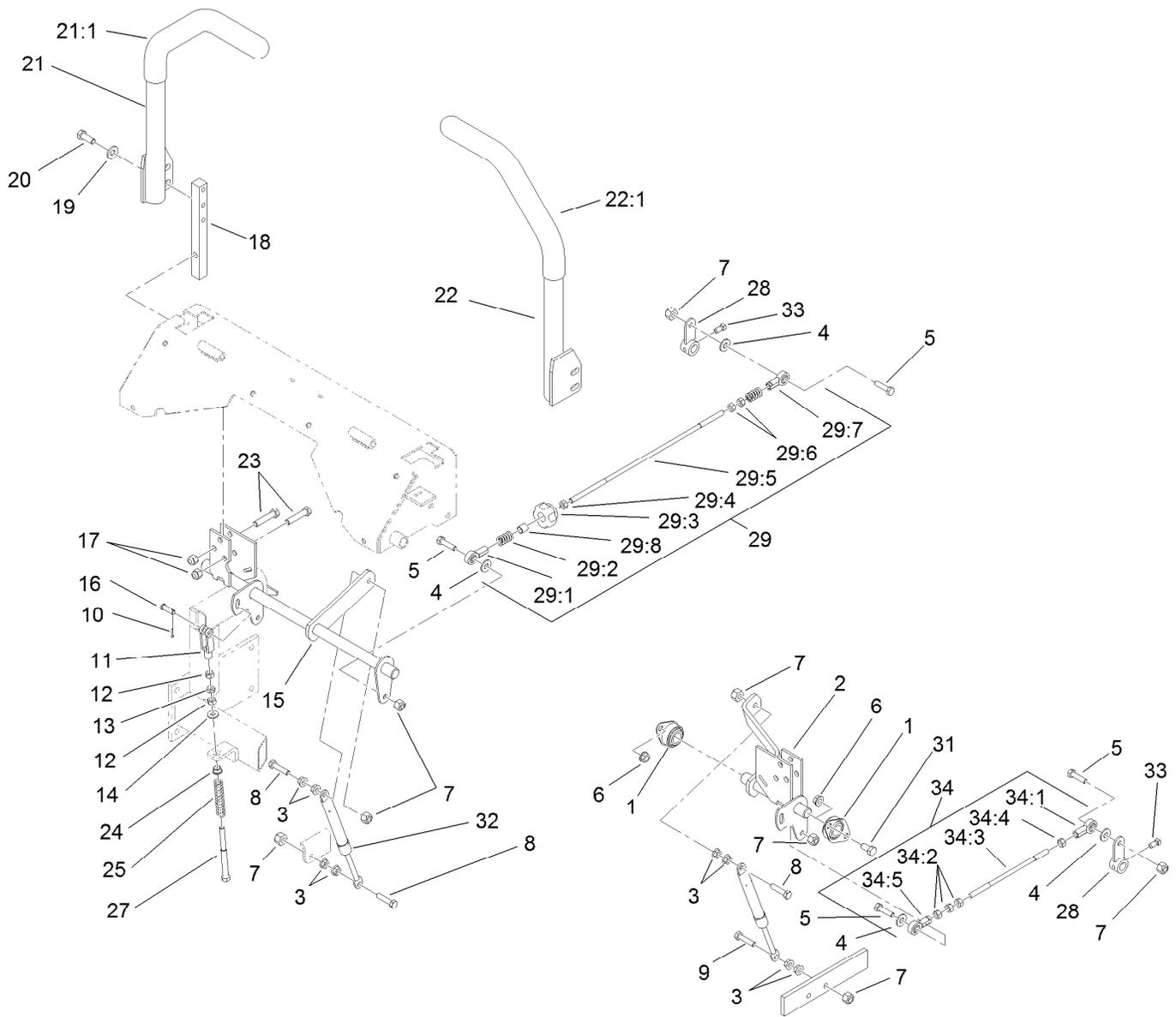
Ref.	Part Number	Qty.	Description
34	1-633102	2	Bearing-Flange, Side

Ref.	Part Number	Qty.	Description
35	3290-357	4	Nut-HHF, Whiz
36	126-2055	2	Decal-Torque, Wheel Hub Lug



## Hydro Control Assembly

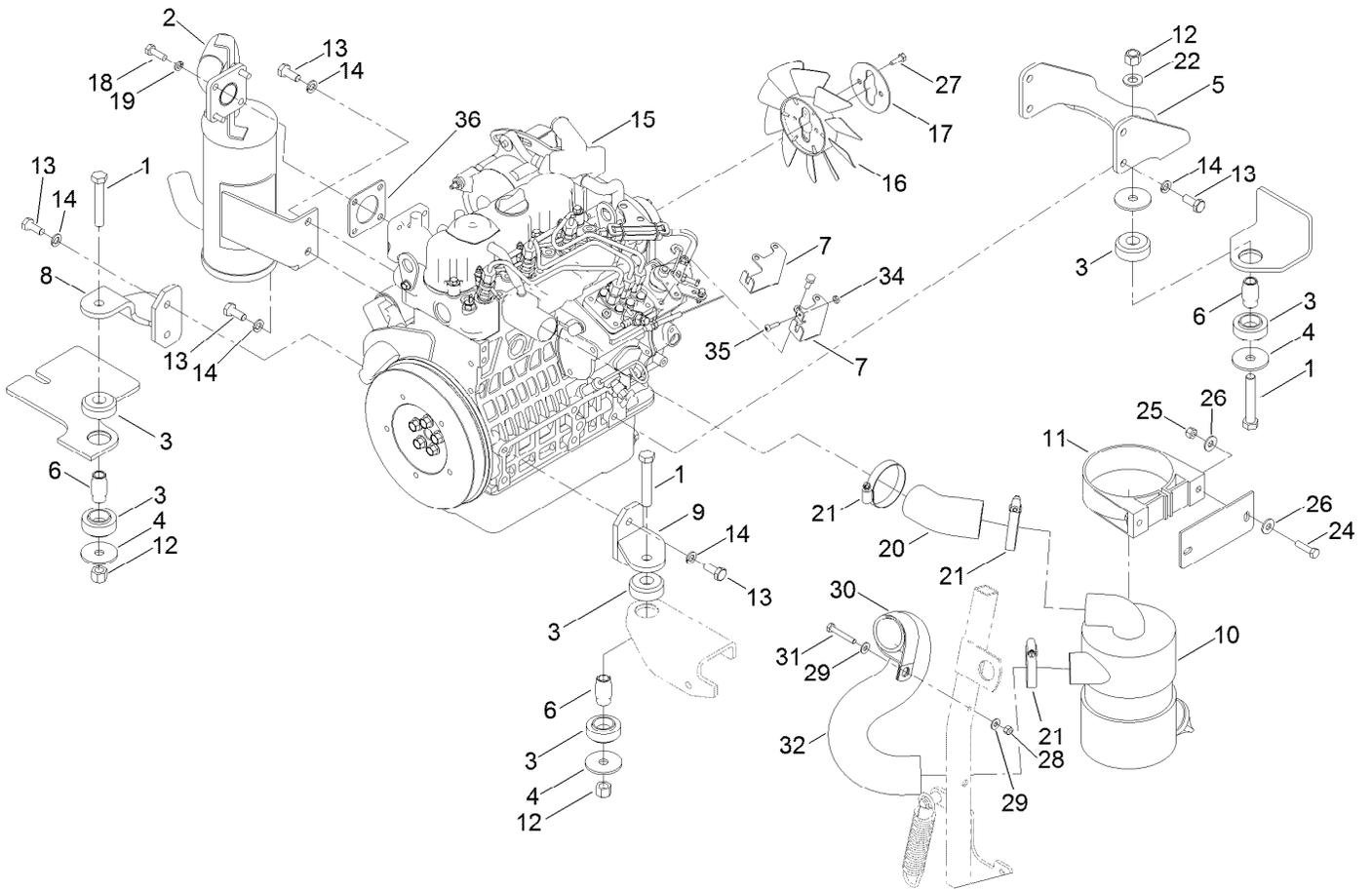
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-633102	4	Bearing-Flange, Side	21:1	106-9987	1	Grip-Control, Motion
2	107-3480	1	Control-Motion, LH	22	108-7238	1	LH Lever ASM
3	32128-20	10	Nut-HF	22:1	106-9987	1	Grip-Control, Motion
4	3256-3	4	Washer-Flat	23	323-9	6	Screw-HH
5	322-6	4	Screw-HH	24	1-603735	2	Bushing-Flanged
6	3290-357	6	Nut-HHF, Whiz	25	1-603807	2	Spring-Return, Neutral
7	3296-29	8	Nut-Lock, NI	27	1-603737	2	Bolt-Return, Neutral
8	1-403180	3	Screw-HH	28	107-3470-03	2	Arm-Control, Hydraulic
9	322-41	1	Screw-HH	29	107-3474	1	RH Control Rod ASM
10	3272-5	2	Pin-Cotter	29:1	1-543017	1	Balljoint-RH
11	1-303105	2	Yoke-Adjustable	29:2	1-323245	2	Spring-Compression
12	3219-2	4	Nut-Hex	29:3	103-3060	1	Knob-Tracking
13	3220-2	2	Nut-Jam	29:4	3219-2	1	Nut-Hex
14	3256-2	2	Washer-Flat	29:5	107-3472	1	Rod-Control, RH
15	107-3481	1	Control-Motion, RH	29:6	1-804524	2	Nut
16	1-808280	2	Pin-Clevis	29:7	1-633152	1	Balljoint-LH
17	3296-39	6	Nut-Lock, NI	29:8	103-1166	1	Spacer-Tube, Pump Link
18	103-0407	2	Arm-Shaft, Control	31	323-4	6	Screw-HH
19	98-5975	4	Washer-Belleville	32	109-2339	2	Damper-Control, Motion
20	323-6	4	Screw-HH	33	1-803022	2	Screw-Set
21	108-7237	1	RH Lever ASM	34	107-3475	1	LH Control Rod ASM



## Hydro Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
34:1	1-543017	1	Balljoint-RH
34:2	3219-2	3	Nut-Hex
34:3	107-3473	1	Rod-Control, LH
34:4	1-804524	1	Nut
34:5	1-633152	1	Balljoint-LH

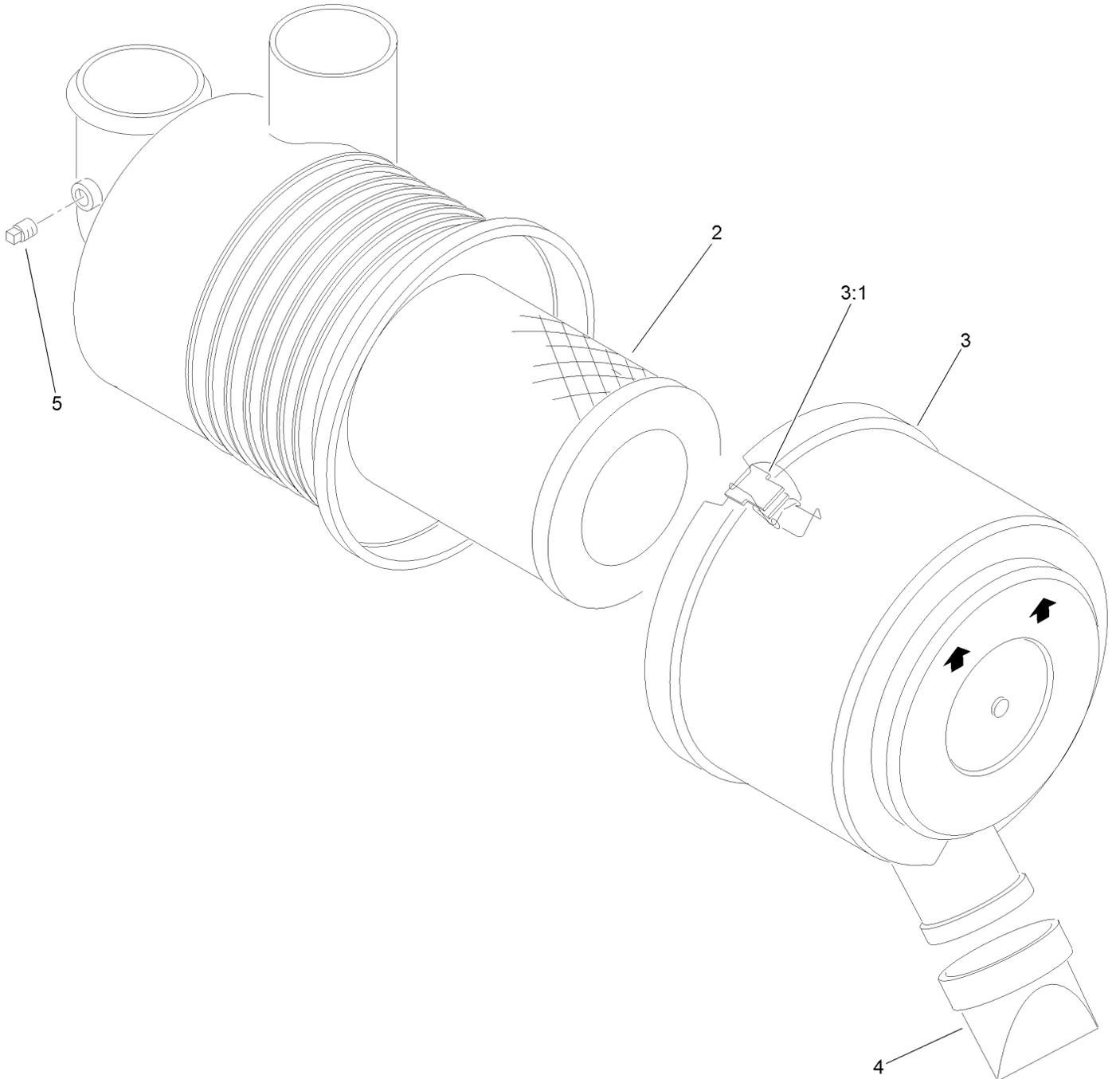
# Engine, Exhaust and Air Intake Assembly



## Engine, Exhaust and Air Intake Assembly (continued)

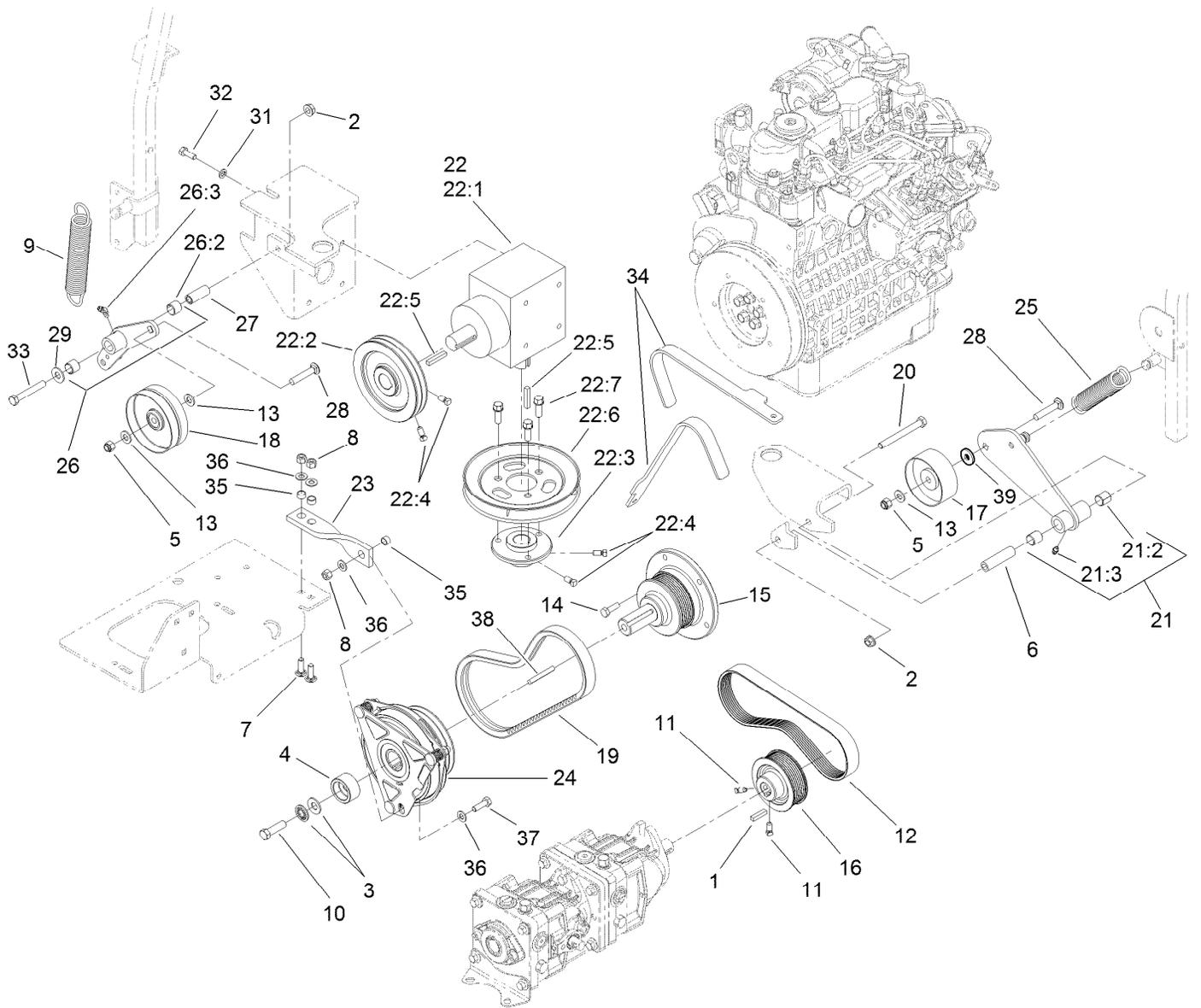
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	325-12	3	Screw-HH	18	33114-025	4	Screw-HH
2	107-9909	1	Muffler	19	3253-4	4	Washer-Lock
3	107-9914	3	Isolation Mount ASM	20	108-5371	1	Hose-Intake, Air Cleaner
4	55-7960	4	Washer-Large	21	1-643009	3	Clamp-Hose
5	107-9917-03	1	Bracket-Engine Mount, Rear	22	3256-26	1	Washer-Flat
6	110-0300	3	Spacer	24	322-6	2	Screw-HH
7	108-5922	1	Bracket-Support, Throttle	25	3296-29	2	Nut-Lock, NI
8	107-9920-03	1	Support-Engine, RH	26	3256-23	4	Washer-Plain
9	107-9930-03	1	Support-Engine, LH	27	33113-020	2	Screw-HH
10	93-2190	1	Air Cleaner ASM	28	3296-42	1	Nut-Lock, NI
11	95-5806	1	Bracket-Mounting, Air Cleaner	29	3256-22	2	Washer-Flat
12	3296-23	3	Nut-Lock, NI	30	1-643241	1	Clip-Loom
13	43-0090	10	Screw-HH	31	321-10	1	Screw-HH
14	48-9590	10	Washer-Lock	32	108-5370	1	Hose-Intake, Engine
15	138-6912	1	Engine-Kubota, D902	34	3217-26	1	Nut-Hex
16	110-0814	1	Fan	35	110-0863	1	Screw
17	110-0816	1	Plate-Reatainer, Fan	36	99-8343	1	Gasket-Muffler

# Air Cleaner Assembly No. 93-2190



## Air Cleaner Assembly No. 93-2190 (continued)

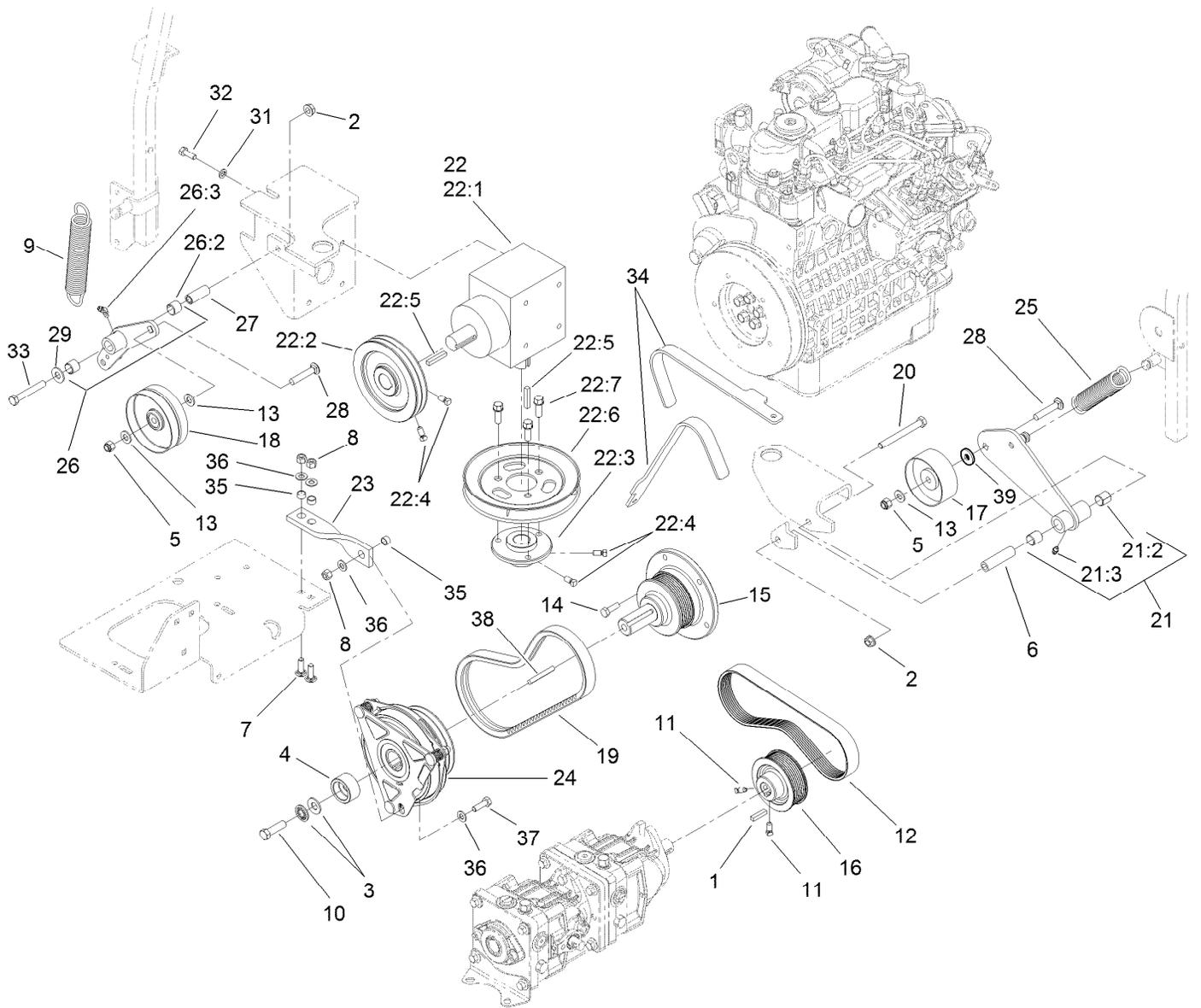
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3811	1	Filter-Air	4	87-9400	1	Valve-Vacuator
3	94-3652	1	Cover ASM	5	285-17	1	Plug-Pipe
3:1	1-643283	2	Latch-Cleaner, Air				



## Gearbox, Clutch and Pulley Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	5-0698	1	Key	19	110-0805	1	Belt-V
2	3290-357	2	Nut-HHF, Whiz	20	323-15	1	Screw-HH
3	1-603610	2	Washer-Spring	21	108-5939	1	Pump Idler Arm ASM
4	114-8152	1	Retainer-Clutch	21:2	1-513034	2	Sleeve-Bearing
5	3296-39	2	Nut-Lock, NI	21:3	302-5	1	Fitting-Grease
6	1-603384	1	Bushing-Pivot, Idler	22		1	Gearbox ASM ●
7	3230-22	2	Screw-CARR	22:1	107-9887	1	Gearbox-90 DEG
8	3296-29	3	Nut-Lock, NI	22:2	108-5912	1	Pulley
9	119-0392	1	Spring-Extension	22:3	112-3894	1	Hub-Pulley
10	3212-6	1	Screw-HH	22:4	1-803022	4	Screw-Set
11	1-803022	2	Screw-Set	22:5	67-7490	2	Key-Square
12	107-9910	1	Belt-V	22:6	108-5979	1	Pulley-B Section
13	3256-24	4	Washer-Flat	22:7	92-1624	3	Screw-HWH
14	33114-020	5	Screw-HH	23	112-1781	1	Strap-Stop, Clutch
15	112-2335	1	Shaft-Stub	24	112-2320	1	Clutch-Magnetic
16	108-5976	1	Pulley	25	119-0394	1	Spring-Extension
17	108-5910	1	Pulley-Flat	26	112-2354	1	Gearbox Idler ASM (W/Bearings)
18	110-0803	1	Pulley-Flat				

● Not serviced separately

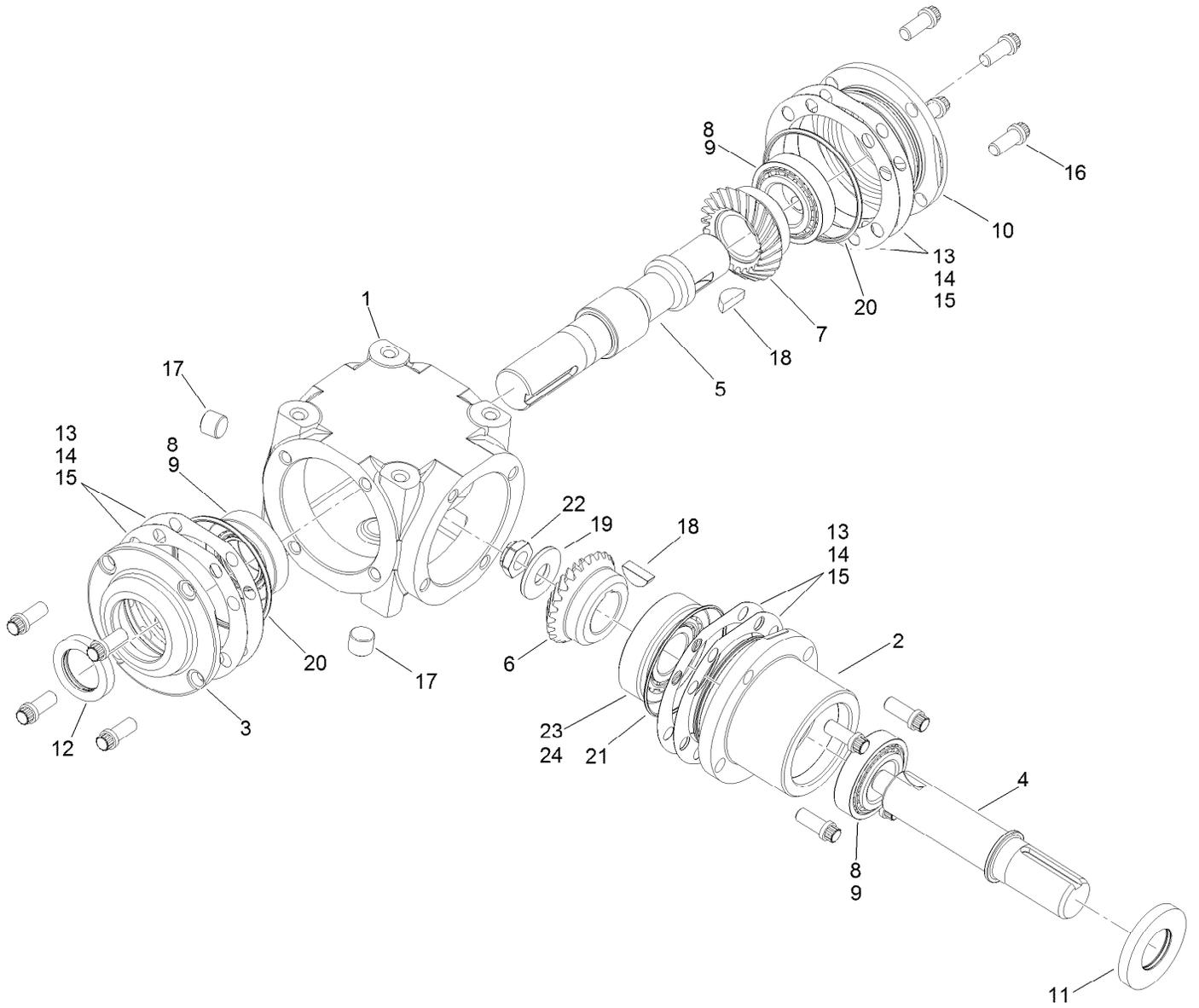


## Gearbox, Clutch and Pulley Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
26:2	103-4681	2	Sleeve-Bearing	33	323-12	1	Screw-HH
26:3	1481	1	Fitting-Grease	34	110-0876	1	Tool-Alignment, Pulley
27	1-603044	1	Bushing	35	65-9820	3	Spacer
28	3231-6	2	Screw-CARR	36	3256-23	4	Washer-Plain
29	3256-4	1	Washer-Flat	37	322-5	1	Screw-HH
31	3253-4	4	Washer-Lock	38	5-1336	1	Key-Square
32	322-4	4	Screw-HH	39	1-373034	1	Washer

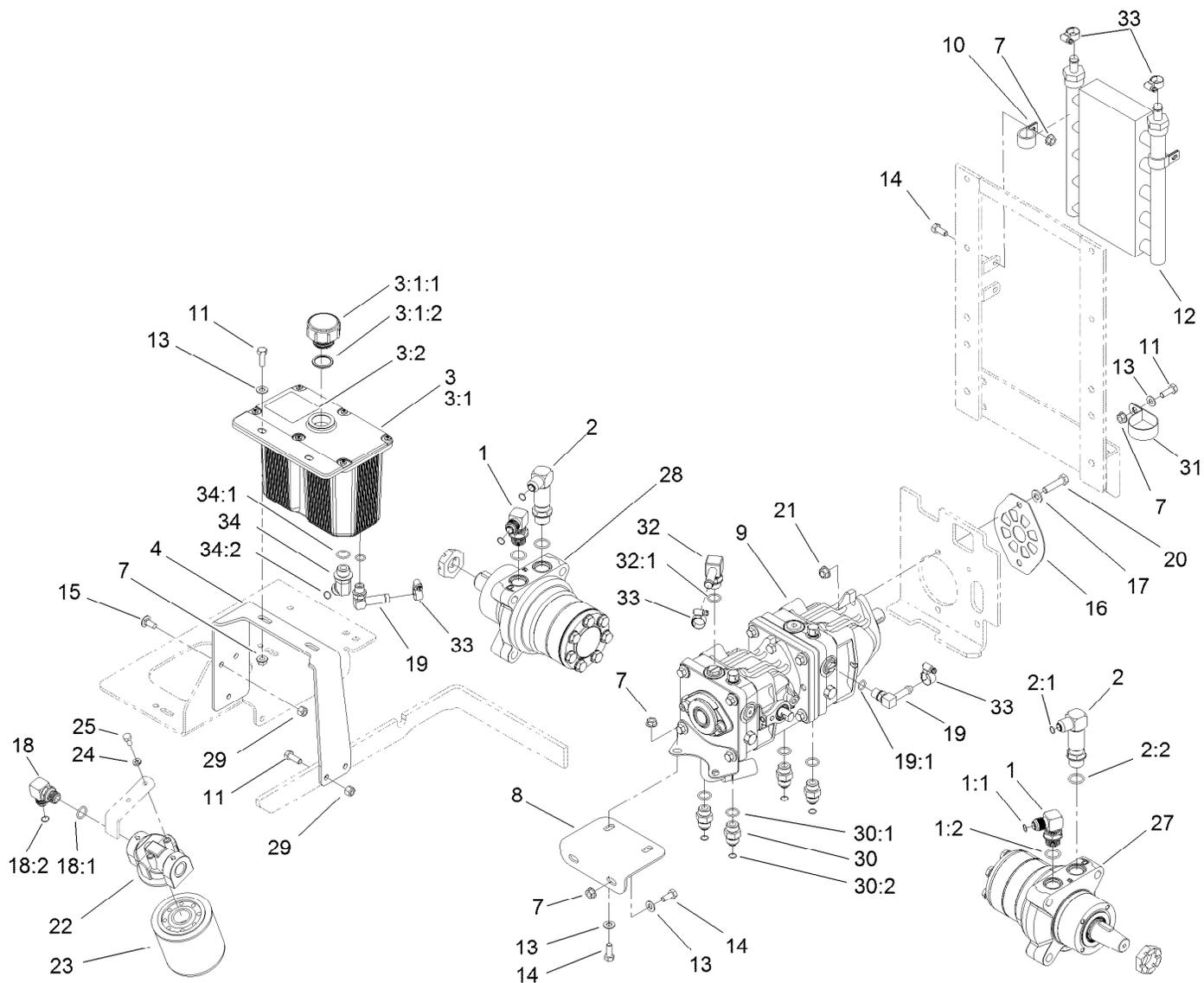
● Not serviced separately

# Gearbox Assembly No. 107-9887



## Gearbox Assembly No. 107-9887 (continued)

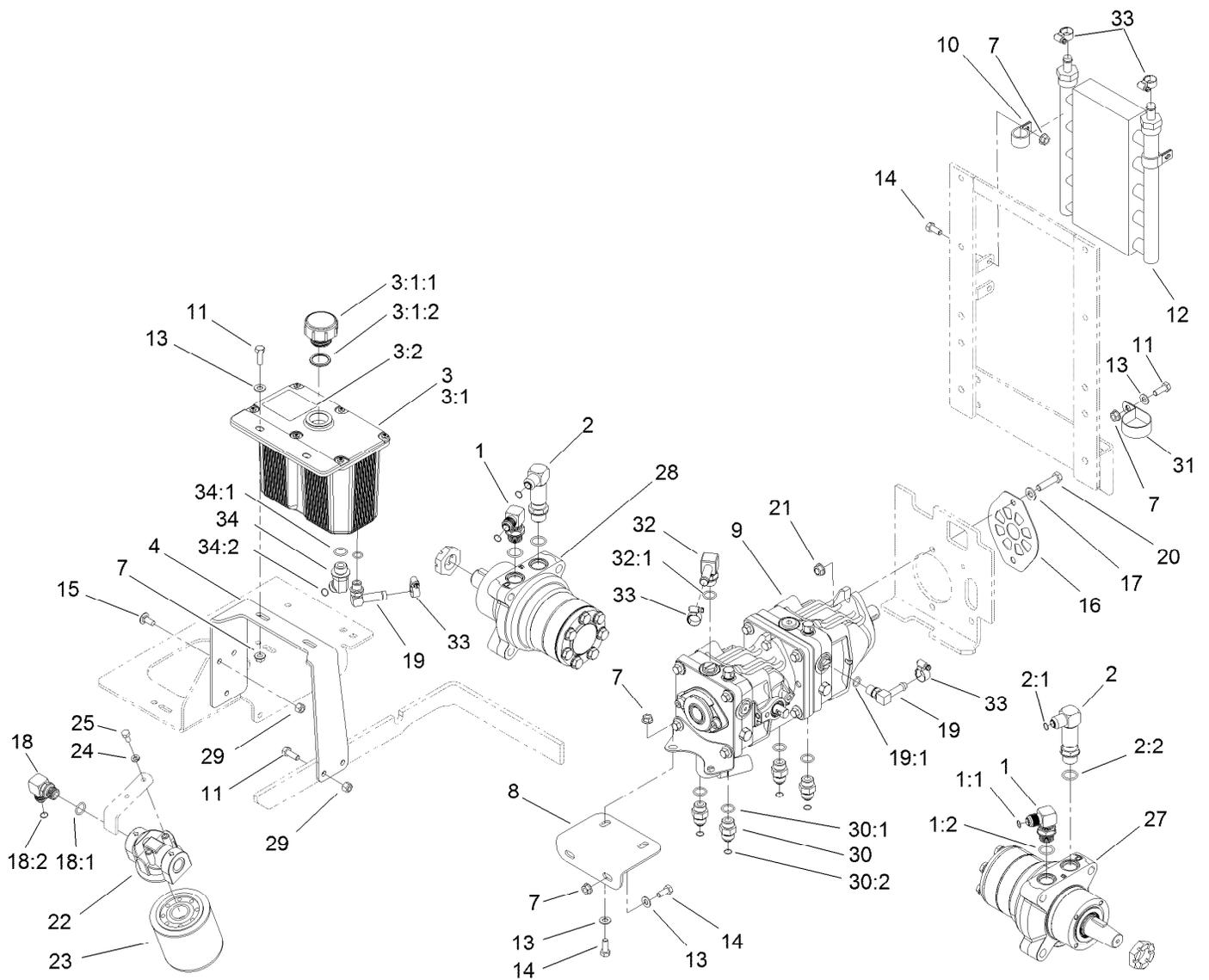
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-0843	1	Case	13	100-4591	1	Shim-Brown, .010In
2	110-0853	1	Housing-Pinion	14	100-4592	1	Shim-Blue, .005In
3	100-4566	1	Cap-End, Open	15	100-4593	1	Shim-Green, .003In
4	110-0844	1	Shaft-Pinion	16	100-4578	12	Screw
5	110-0845	1	Shaft-Cross	17	100-4579	2	Plug
6	110-0847	1	Gear-Shaft, Cross	18	3257-33	2	Key-Woodruff
7	110-0846	1	Gear-Pinion	19	100-4581	1	Washer
8	110-0848	3	Bearing-Cup	20	100-4582	2	O-Ring
9	110-0849	3	Bearing-Cone	21	110-0851	1	O-Ring
10	100-4574	1	Cap-End, Closed	22	110-0852	1	Nut Lock
11	100-4575	1	Seal	23	100-5817	1	Bearing-Cup
12	110-0850	1	Seal-Shaft, Cross	24	100-5816	1	Bearing-Cone



## Hydraulic Tank, Pump and Motor Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-633605	2	Fitting-HYD, 90 DEG	13	3256-23	7	Washer-Plain
1:1	1-603992	1	O-Ring	14	322-3	8	Screw-HH
1:2	237-80	1	O-Ring	15	3230-23	3	Screw-CARR
2	108-5323	2	Fitting-Elbow-90	16	108-5367-03	1	Plate-Shield, Pump
2:1	1-603992	1	O-Ring	17	3256-24	2	Washer-Flat
2:2	237-80	1	O-Ring	18	103-2153	1	Fitting-90 DEG
3	108-5320	1	Hydraulic Tank ASM	18:1	1-603920	1	O-Ring
3:1		1	Tank-Hydraulic ●	18:2	1-603992	1	O-Ring
3:1:1	103-1948	1	Cap-Reservoir, HYD	19	109-6449	2	Fitting-Elbow, 90
3:1:2	103-1949	1	Gasket-Cap	19:1	237-42	1	O-Ring
3:2	115-4212	1	Decal-Warning	20	323-8	2	Screw-HH
4	108-5352-03	1	Bracket-Tank, Hydraulic	21	3290-357	2	Nut-HHF, Whiz
7	32128-20	11	Nut-HF	22	86-9080	1	Head-Filter
8	107-3462-03	1	Bracket-Pump, Front	23	67-8110	1	Cartridge-Filter, Oil
9	107-9885	1	Tandem Pump ASM	24	1-805004	2	Washer-Lock
10	110-0824	4	R-Clamp	25	321-3	2	Screw-HH
11	322-5	4	Screw-HH	27	112-8357	1	HYD Motor ASM (CCW)
12	114-8168	1	Cooler-Oil, Hydro	28	112-8358	1	HYD Motor ASM (CW)

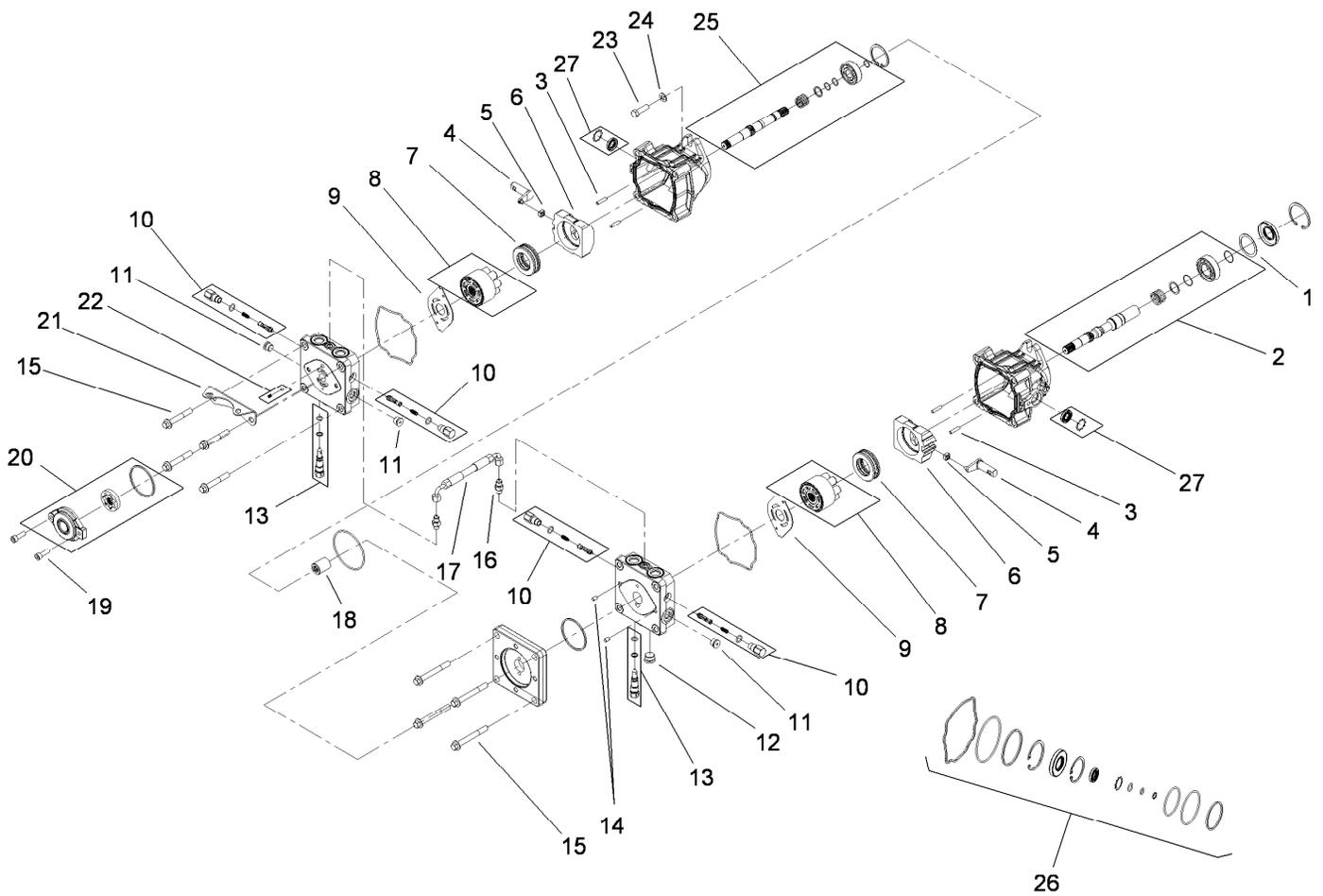
● Not serviced separately



## Hydraulic Tank, Pump and Motor Assembly (continued)

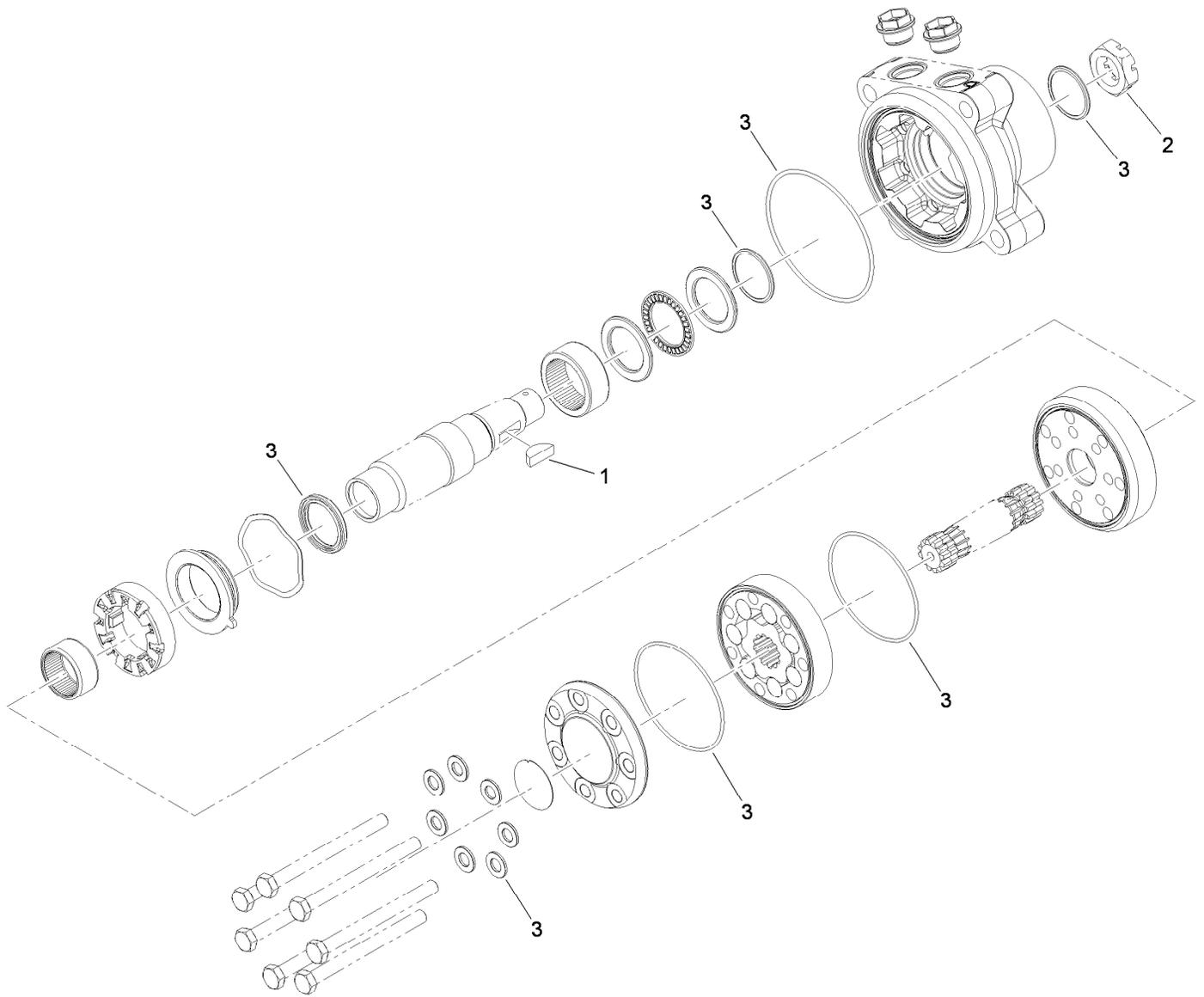
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
29	3296-29	4	Nut-Lock, NI	32:1	237-79	1	O-Ring
30	1-603990	4	Fitting-Straight	33	109-6801	5	Clamp-Hose
30:1	1-603920	1	O-Ring	34	1-523221	1	Fitting-HYD, 45 DEG
30:2	1-603992	1	O-Ring	34:1	1-603920	1	O-Ring
31	2412-147	1	Clamp-R	34:2	1-603992	1	O-Ring
32	108-5316	1	Fitting-Elbow, 90 DEG				

● Not serviced separately



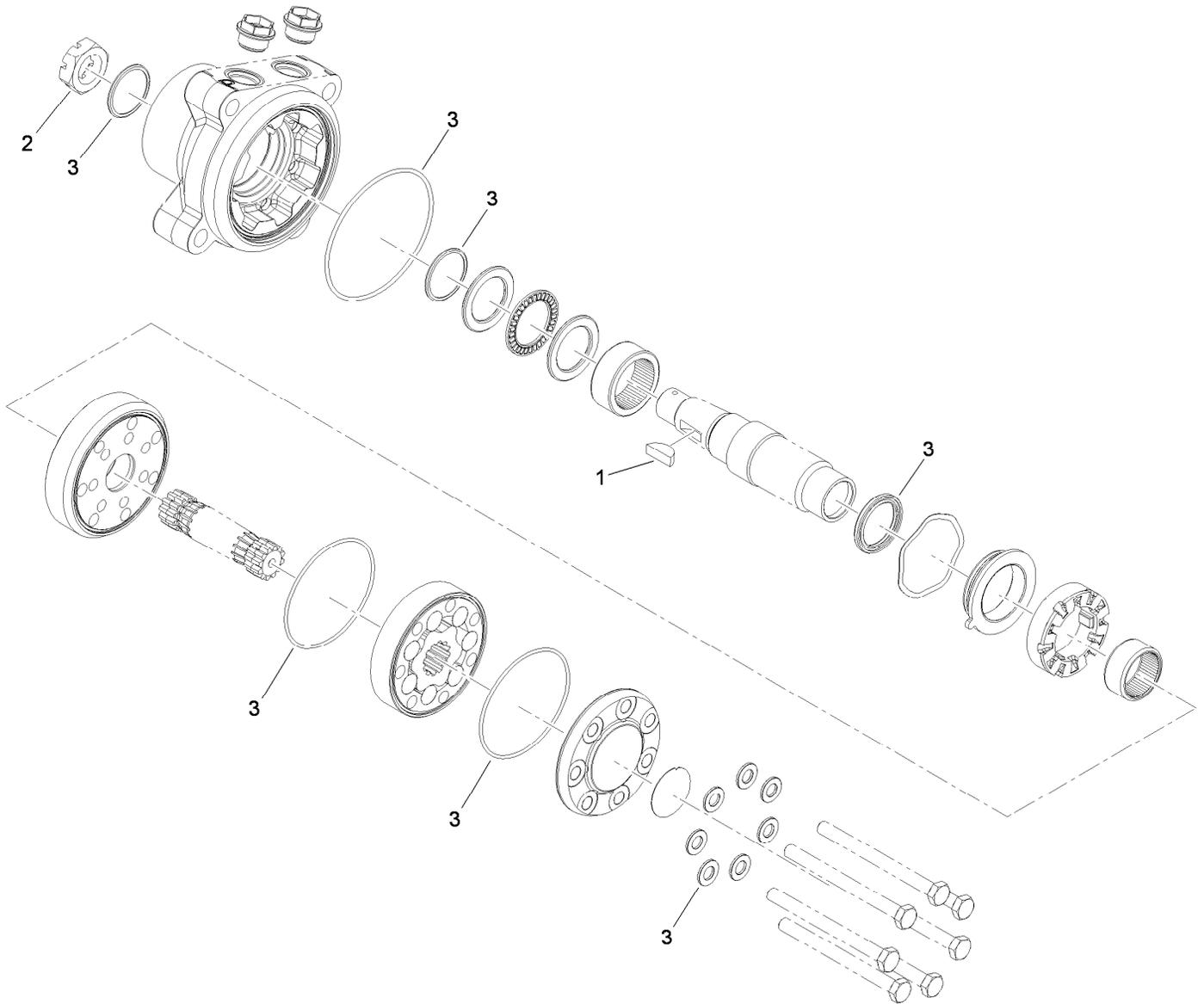
## Tandem Pump Assembly No. 107-9885

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	112-4168	1	Spacer	15	112-4157	8	Bolt
2	112-4151	1	Input Pump Shaft Kit	16	117-7842	2	Fitting-Straight
3	106-8753	4	Pin-Headless, Straight	17	117-7843	1	Hose ASM
4	112-4152	2	Arm-Trunnion	18	112-4160	1	Coupling
5	94-1910	2	Guide-Slot	19	112-4161	2	Bolt
6	112-4153	2	Swashplate	20	112-4162	1	Charge Pump Kit
7	112-4154	2	Bearing-Thrust	21	112-4163	1	Bracket-Support, Pump
8	108-2112	2	Cylinder Block Kit	22	112-4164	1	Charge Relief Kit
9	108-6801	2	Plate-Valve	23	112-4165	2	Bolt-HSH
10	112-4155	4	Shock Valve Kit	24	112-4166	2	Washer
11	104-2189	3	Plug-Thread, Straight	25	112-4167	1	Second Pump Shaft Kit
12	112-4156	1	Plug-Steel	26	112-4150	1	Overhaul Seal Kit
13	106-8759	2	Bypass Valve Kit	27	114-8155	1	Trunnion Seal Kit
14	104-2170	2	Pin				



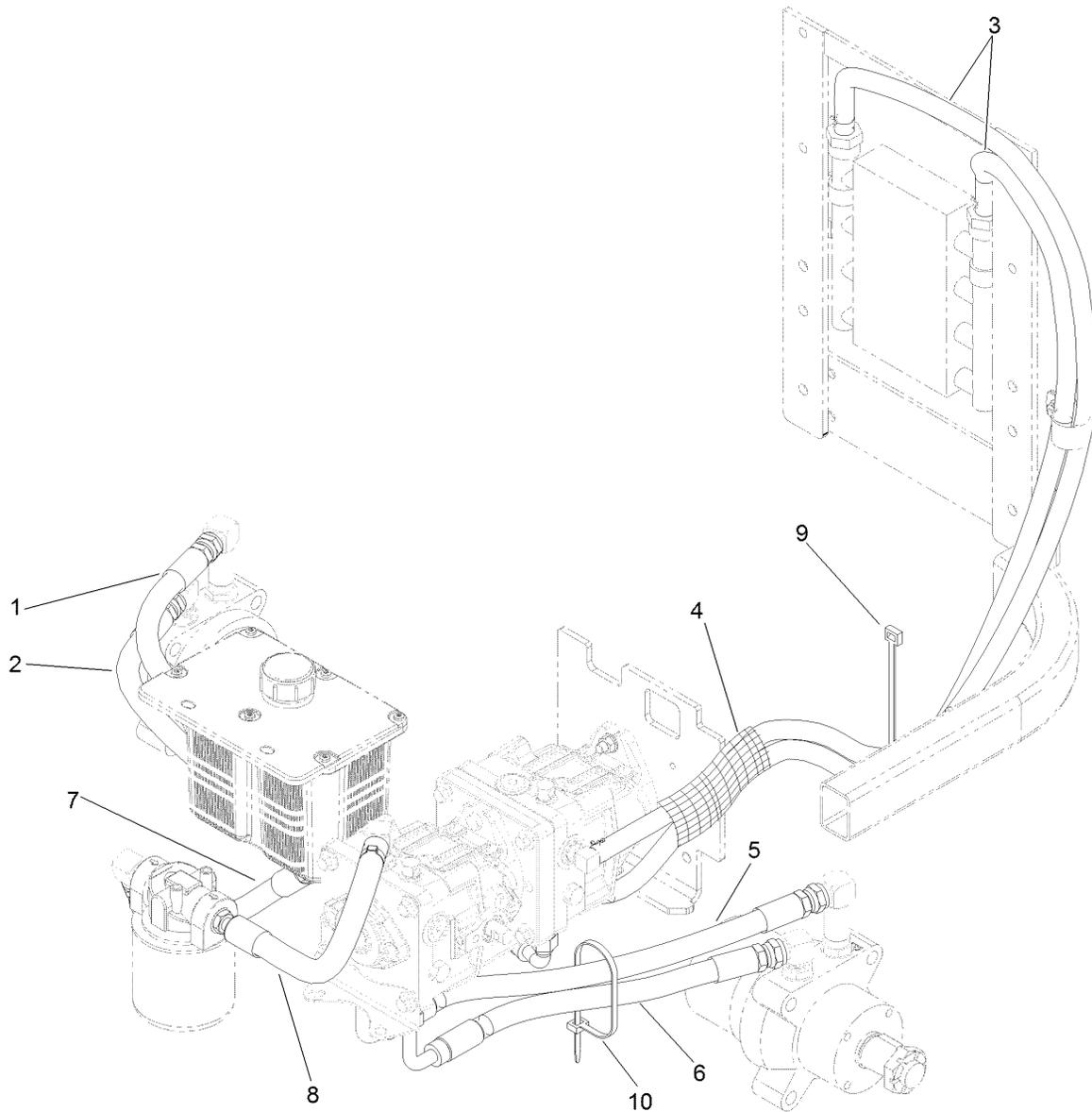
## Hydraulic Motor Assembly No. 112-8357 (CCW)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3257-42	1	Key-Woodruff
2	1-809036	1	Nut-HH
3	109-5966	1	Wheel Motor Seal Kit



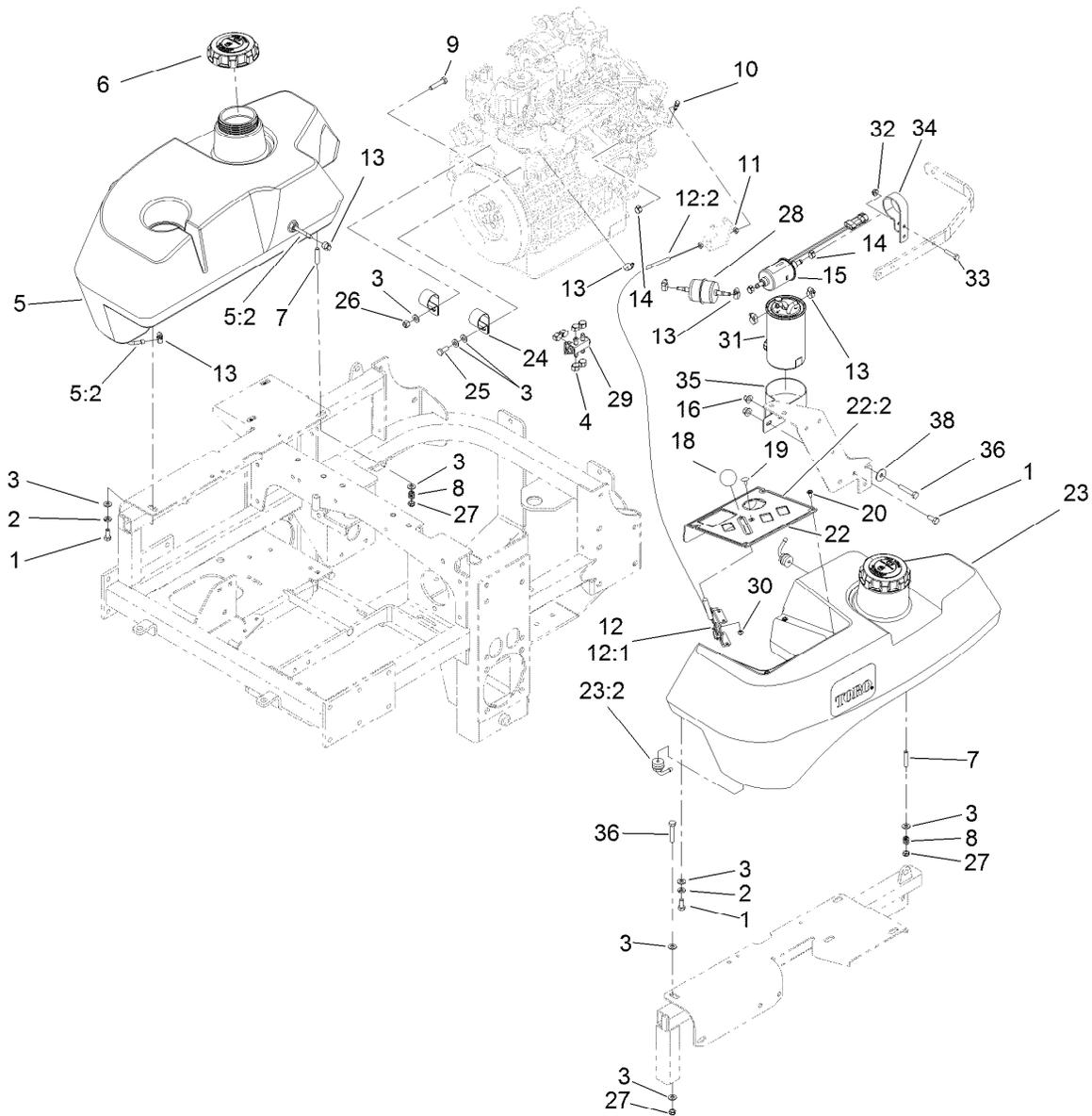
## Hydraulic Motor Assembly No. 112-8358 (CW)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3257-42	1	Key-Woodruff
2	1-809036	1	Nut-HH
3	109-5966	1	Wheel Motor Seal Kit



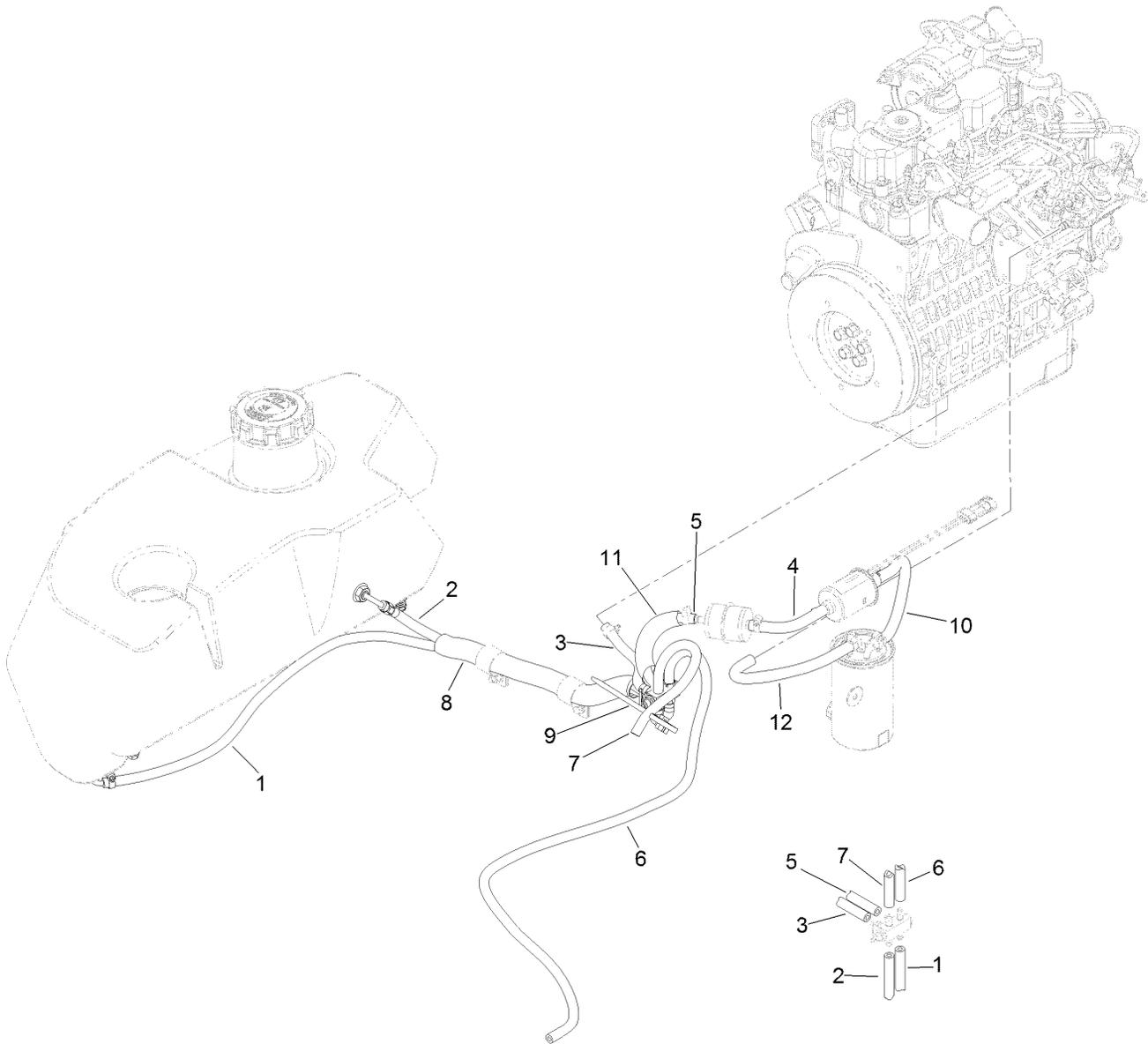
## Hydraulic Hose System Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-3495	1	Hydraulic Hose ASM
2	107-3490	1	Hydraulic Hose ASM
3	114-8169	2	Hose-Hydraulic
4	114-8201	1	Sleeve-Fabric
5	108-5318	1	Hydraulic Hose ASM
6	107-3491	1	Hydraulic Hose ASM
7	110-3854	1	Hydraulic Hose ASM
8	108-5374	1	Hydraulic Hose ASM
9	1-303335	1	Tie-Plastic
10	1-809066	1	Cable Tie-Plastic



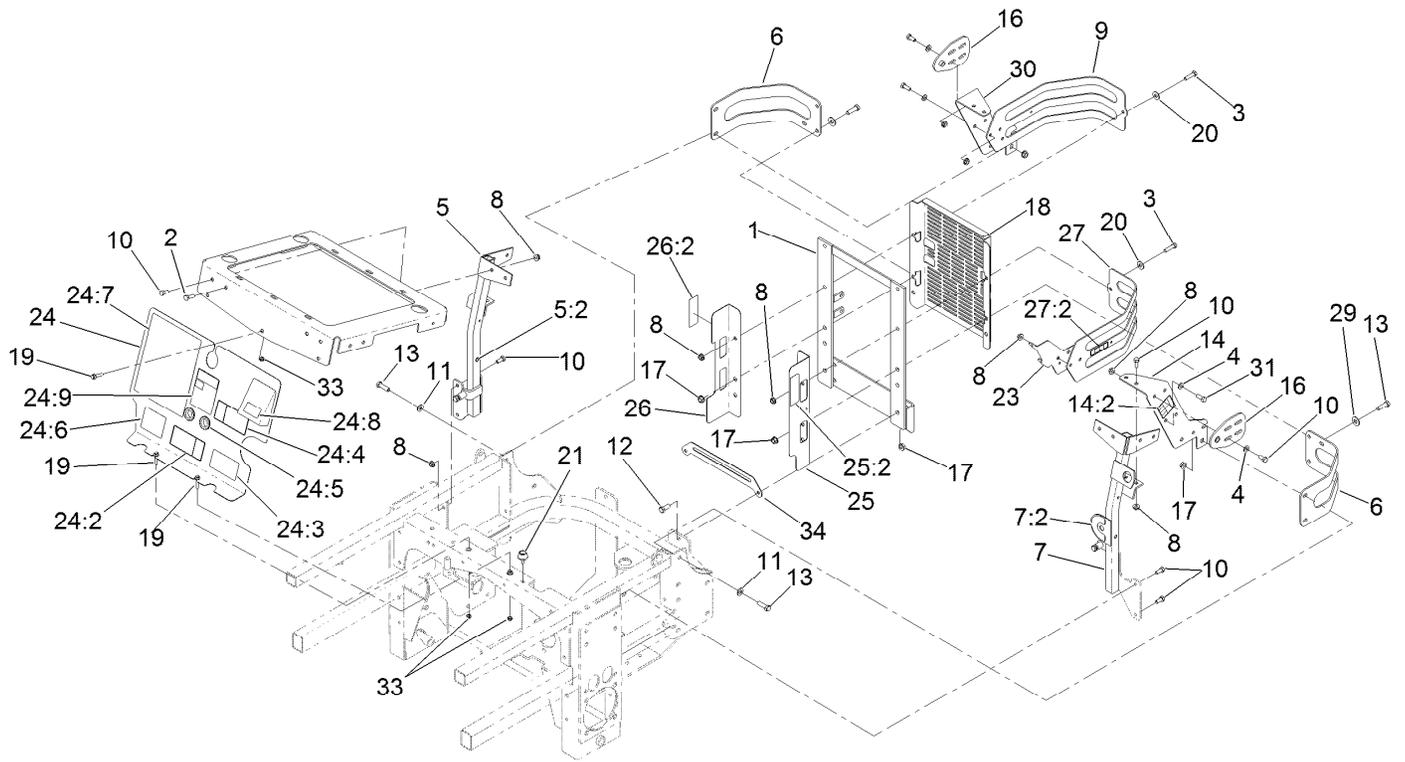
## Fuel System and Throttle Control Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	322-3	3	Screw-HH	19	1-807513	2	Bolt-CARR
2	1-805005	2	Washer-Lock	20	109-2661	4	Screw-PPH
3	3256-23	11	Washer-Plain	22	117-0913	1	Control Panel ASM
4	1-643293	6	Clamp-Hose, Fuel	22:2	121-7562	1	Decal-Panel, Control
5	114-8221	1	RH Fuel Tank ASM	23	114-8222	1	LH Fuel Tank ASM
5:2	103-2615	2	Fitting-Fuel, Bulkhead	23:2	103-2615	2	Fitting-Fuel, Bulkhead
6	114-5062	2	Cap-Biodiesel	24	1-643312	2	Clip-Loom
7	1-633023	6	Stud	25	33114-020	1	Screw-HH
8	1-633349	6	Spring-Tank, Fuel	26	3296-29	1	Nut-Lock, NI
9	322-7	1	Screw-HH	27	3296-47	6	Nut-Lock, NI
10	108-5928	1	Swivel-Stop, Cable	28	112-7836	1	Filter-Inline
11	3220-1	2	Nut-Jam	29	1-643234	1	Valve-Fuel, Dual Flow
12	108-5927	1	Cable-Control, Throttle	30	3296-2	2	Nut-Lock, NI
12:1	112-2333	1	Lever-Cable, Throttle	31	112-9188	1	Element-Filter, Fuel/Water
12:2	108-6337	1	Cable-Throttle	32	104-7201	1	Nut-HF
13	2412-108	9	Clamp-Worm	33	321-8	1	Screw-HH
14	1-643277	3	Clamp-Hose, Fuel	34	110-8817	1	Bracket-Pump, Fuel
15	110-8806	1	Pump-Fuel	35	110-8807	1	Bracket-Filter, Fuel
16	3296-58	2	Nut-Lock, NI	36	322-9	1	Screw-HH
18	1-603175	1	Knob-Ball	38	3256-82	1	Washer-Flat



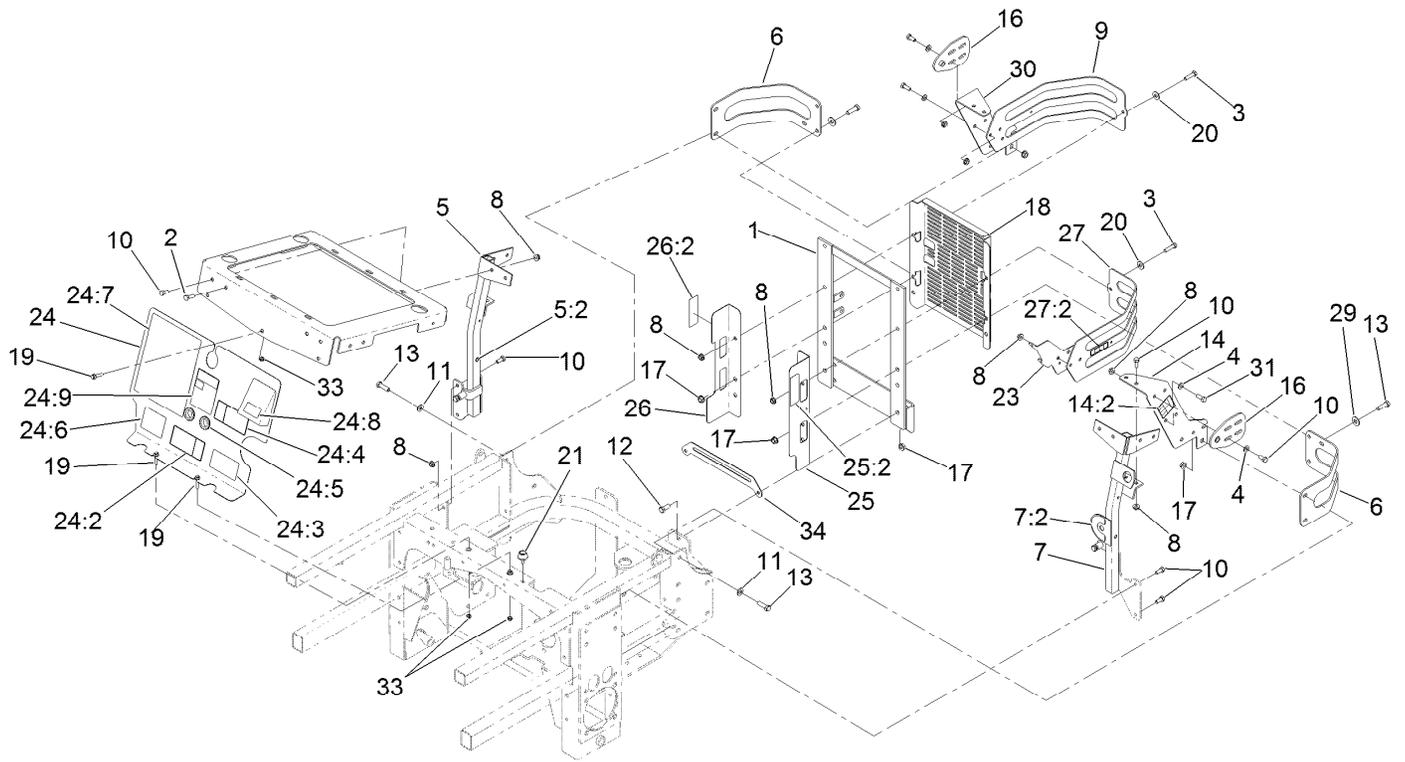
## Fuel Line Assembly

Ref.	Part Number	Qty.	Description
1	108-5376	1	Hose-Fuel
2	109-0301	1	Hose-Fuel
3	109-0306	1	Hose-Fuel
4	108-3283	1	Hose-Fuel
5	109-0303	1	Hose-Fuel
6	109-0275	1	Hose-Fuel
7	109-0297	1	Hose-Fuel
8	108-5377	1	Sleeve-Fabric
9	1-303335	1	Tie-Plastic
10	110-4124	1	Hose-Fuel
11	114-8224	1	Conduit-Fuel Line
12	110-4105	1	Hose-Fuel



## Engine Housing Assembly

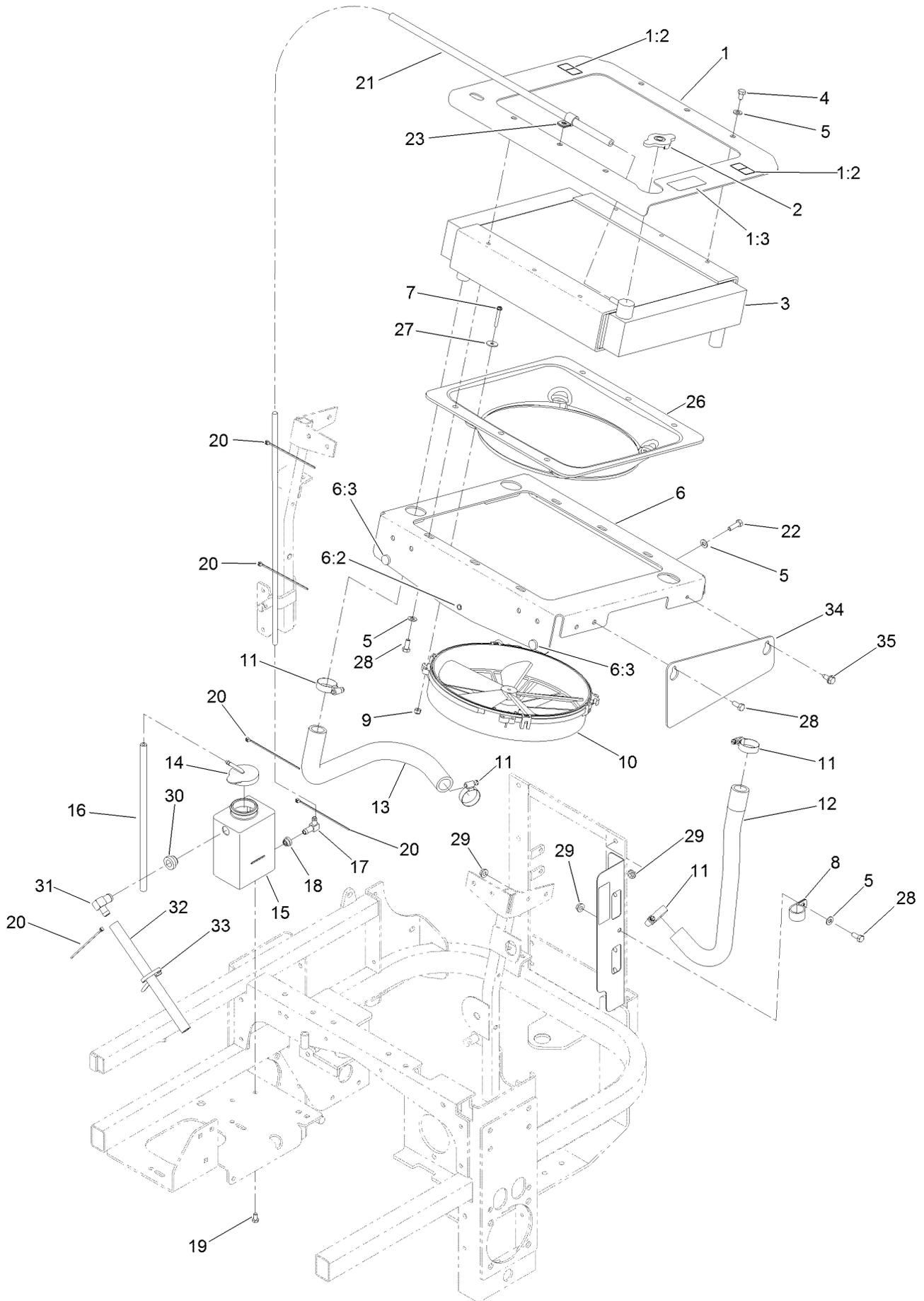
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-9934-03	1	Support-Radiator, Rear	20	3256-3	2	Washer-Flat
2	322-5	2	Screw-HH	21	109-2365	2	Bumper-Rubber
3	322-6	2	Screw-HH	23	119-0393-03	1	Bracket-Relay, Fuse
4	3256-23	8	Washer-Plain	24	114-1829	1	Front Shield ASM
5	114-1170	1	RH Radiator Brace ASM	24:2	110-3853	1	Decal-Danger, Rotating Devices
5:2	32148-11	1	Nut-Clinch	24:3	140-4358	1	Decal-Hydro Belt Routing
6	131-8670-03	2	Guard-Lower, Rear	24:4	110-3852	1	Decal- Warning, Buzzer
7	110-3870	1	LH Radiator Brace ASM	24:5	100-3815	2	Grommet-Rubber
7:2	140-4356	1	Decal-Fuel Valve	24:6	140-4359	1	Decal-Clutch Belt Routing
8	32128-20	22	Nut-HF	24:7	140-4363	1	Decal-Check Service
9	131-8669-03	1	Guard-Upper, Rear	24:8	110-0806	1	Decal-Caution
10	322-3	14	Screw-HH	24:9	104-2449	1	Decal-Coolant
11	3256-24	3	Washer-Flat	25	110-0879	1	Guard-Fan, LH (CE)
12	323-6	3	Screw-HH	25:2	107-7719	1	Decal-Danger
13	323-7	4	Screw-HH	26	110-0888	1	Guard-Fan, RH (CE)
14	119-6650	1	LH Support Bracket ASM	26:2	107-7719	1	Decal-Danger
14:2	140-4361	1	Decal-Fuse	27	131-8738	1	Guard-Upper Rear W/Decal
16	108-5345-03	2	Plate-Pivot, Hood	27:2	140-4360	1	Decal-Relay
17	3290-357	7	Nut-HHF, Whiz	29	3256-4	2	Washer-Flat
18	112-8302-03	1	Shield-Cooler	30	108-5339-03	1	Bracket-Support, RH
19	3234-21	3	Screw-HHF				



## Engine Housing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
31	322-4	4	Screw-HH	33	3296-56	3	Nut-Lock, NI
				34	131-8679-03	1	Shield-Fan

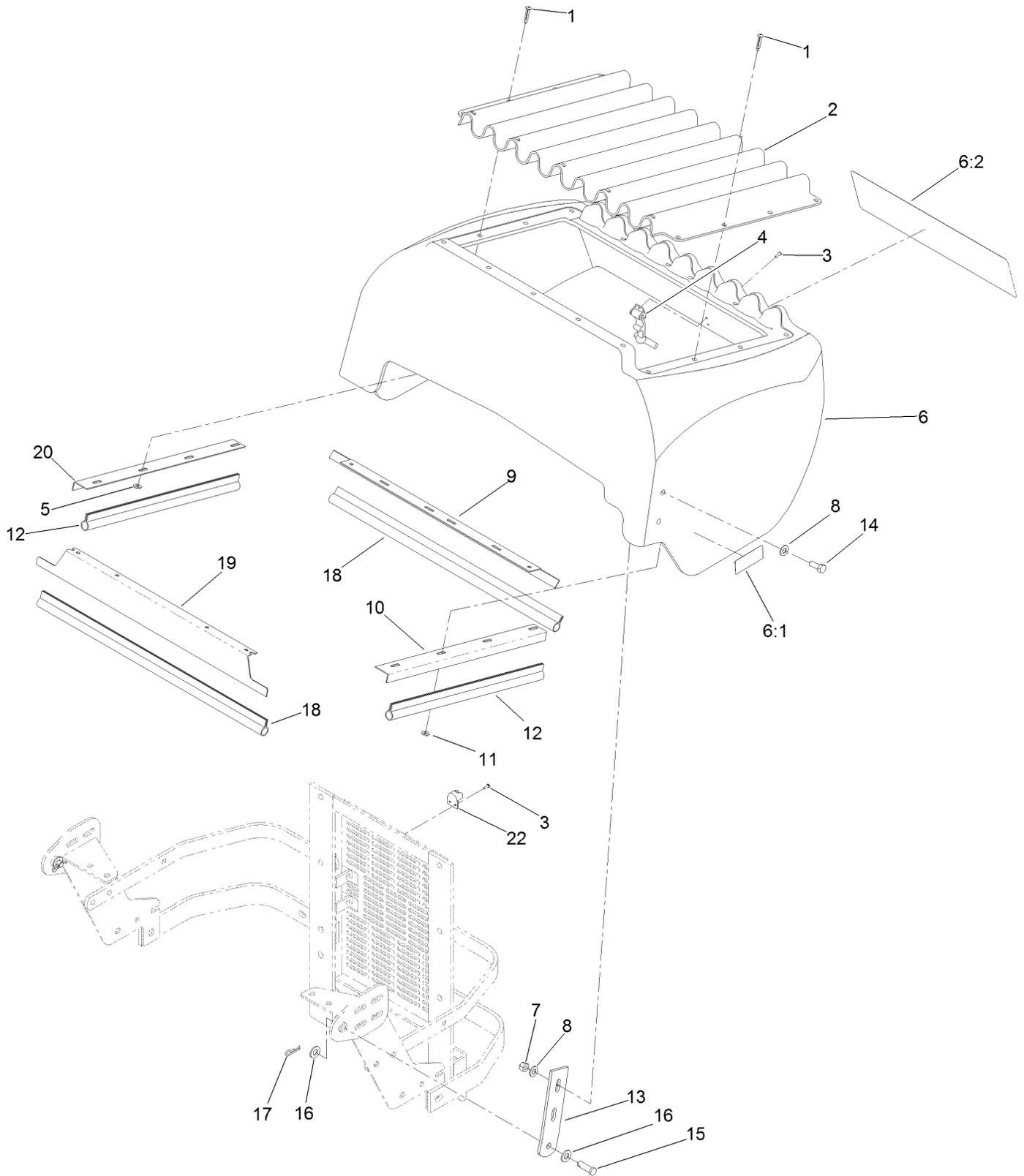
# Cooling System Assembly



## Cooling System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-3845	1	Top Radiator Plate ASM	16	1-603954	1	Hose-Line, Fuel
1:2	93-8069	2	Decal-Surface, Hot	17	46-6550	1	Fitting-Elbow, 90 DEG
1:3	110-3842	1	Decal-Antifreeze	18	1-513645	1	Bushing-Valve, Fuel
2	1-643161	1	Cap-Radiator	19	321-2	2	Screw-HH
3	107-9932	1	Radiator	20	1-303287	6	Tie-Cable
4	322-1	6	Screw-HH	21	103-1428	1	Hose-Overflow
5	3256-23	16	Washer-Plain	22	322-5	5	Screw-HH
6	131-8748	1	Bottom Radiator Plate ASM	23	1-603727	1	Clip-Loom
6:2	32148-6	1	Nut-Clinch	26	108-5971	1	Shroud-Cooling, Engine
6:3	1-513658	2	Bumper	27	3256-67	4	Washer
7	108-5988	4	Screw-HWH	28	322-3	8	Screw-HH
8	1-643312	1	Clip-Loom	29	32128-20	3	Nut-HF
9	1-804254	4	Nut-Lock, HH	30	104-0790	1	Bushing
10	1-633831	1	Fan	31	117-0943	1	Fitting-Elbow
11	2412-34	4	Clamp-Hose	32	115-4969	1	Hose-Overflow
12	108-5372	1	Hose-Radiator, LH	33	1-303335	1	Tie-Plastic
13	108-5904	1	Hose-Outlet, Engine	34	131-8678-03	2	Shield-Radiator
14	1-643164	1	Cap-Tank, Overflow	35	32144-70	2	Screw-HWHTF
15	117-0941	1	Tank-Overflow				

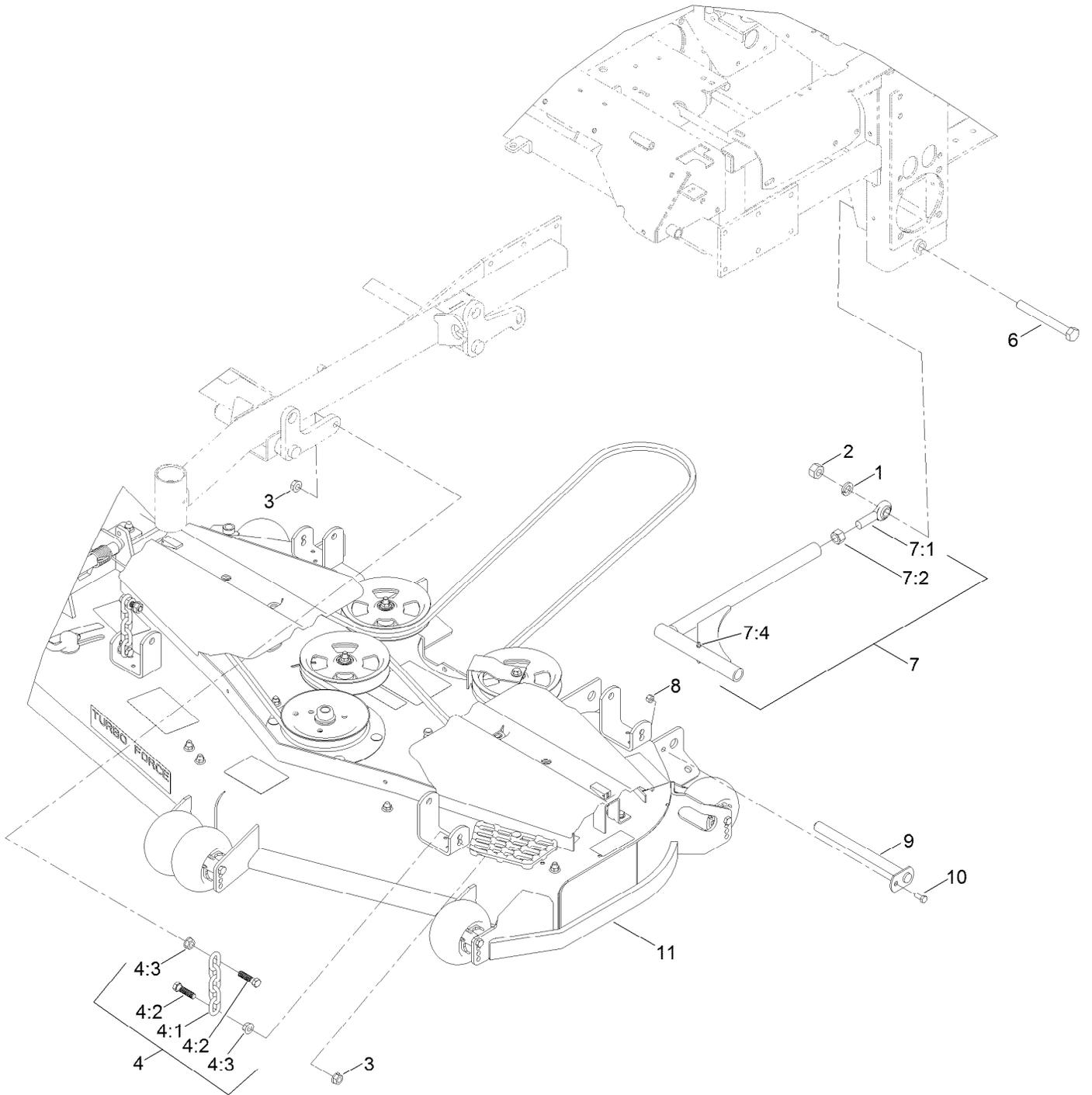
# Hood Assembly



## Hood Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-803072	17	Rivet	11	3256-14	12	Washer-Flat
2	1-633864-03	1	Screen-Radiator	12	1-643186	2	Seal-Trim
3	923786	4	Rivet	13	108-5337-03	2	Plate-Hinge, Hood
4	1-643188	1	Latch-Rubber	14	322-4	4	Screw-HH
5	1-303435	4	Washer-Spring	15	1-808285	2	Pin-Clevis
6	114-8225	1	Hood ASM	16	3256-24	4	Washer-Flat
6:1	114-9600	2	Decal-Low Sulfur	17	1-806003	2	Pin-Cotter
6:2	140-1215	1	Decal-Console	18	1-643187	2	Seal-Trim
7	3296-29	4	Nut-Lock, NI	19	1-643107-03	1	Angle-Radiator, Top
8	3256-23	8	Washer-Plain	20	1-643106-03	1	Angle-Radiator, RH
9	1-643108-03	1	Angle-Radiator, Bottom	22	249-40	1	Keeper
10	1-643105-03	1	Angle-Radiator, LH				

# Deck Connection Assembly

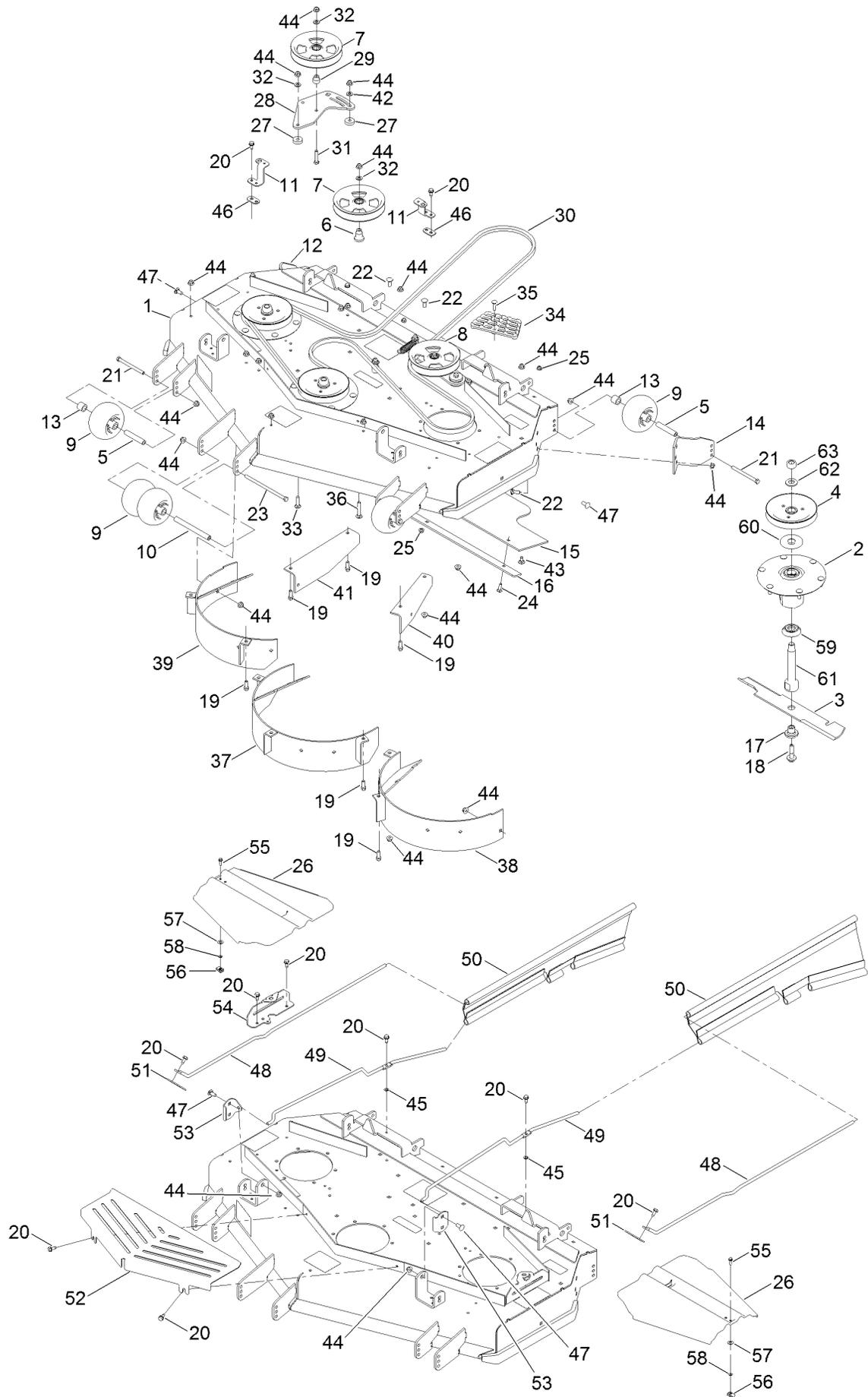


## Deck Connection Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3253-8	2	Washer-Lock	7	108-5969	2	Strut ASM
2	3217-11	2	Nut-Hex	7:1	1-633029	1	Balljoint-Spherical
3	32128-37	8	Nut-HF	7:2	3219-6	1	Nut-Hex
4	103-9792	4	Deck Chain ASM	7:4	109-1380	1	Fitting-Grease
4:1	1-633447	1	Chain-Lift, Deck	8	3296-29	2	Nut-Lock, NI
4:2	103-1898	2	Screw-HH	9	1-632199-01	2	Pin-Strut
4:3	32128-37	2	Nut-HF	10	322-3	2	Screw-HH
6	327-28	2	Screw-HH	11		1	Deck ASM-52Rd ●

● Not serviced separately

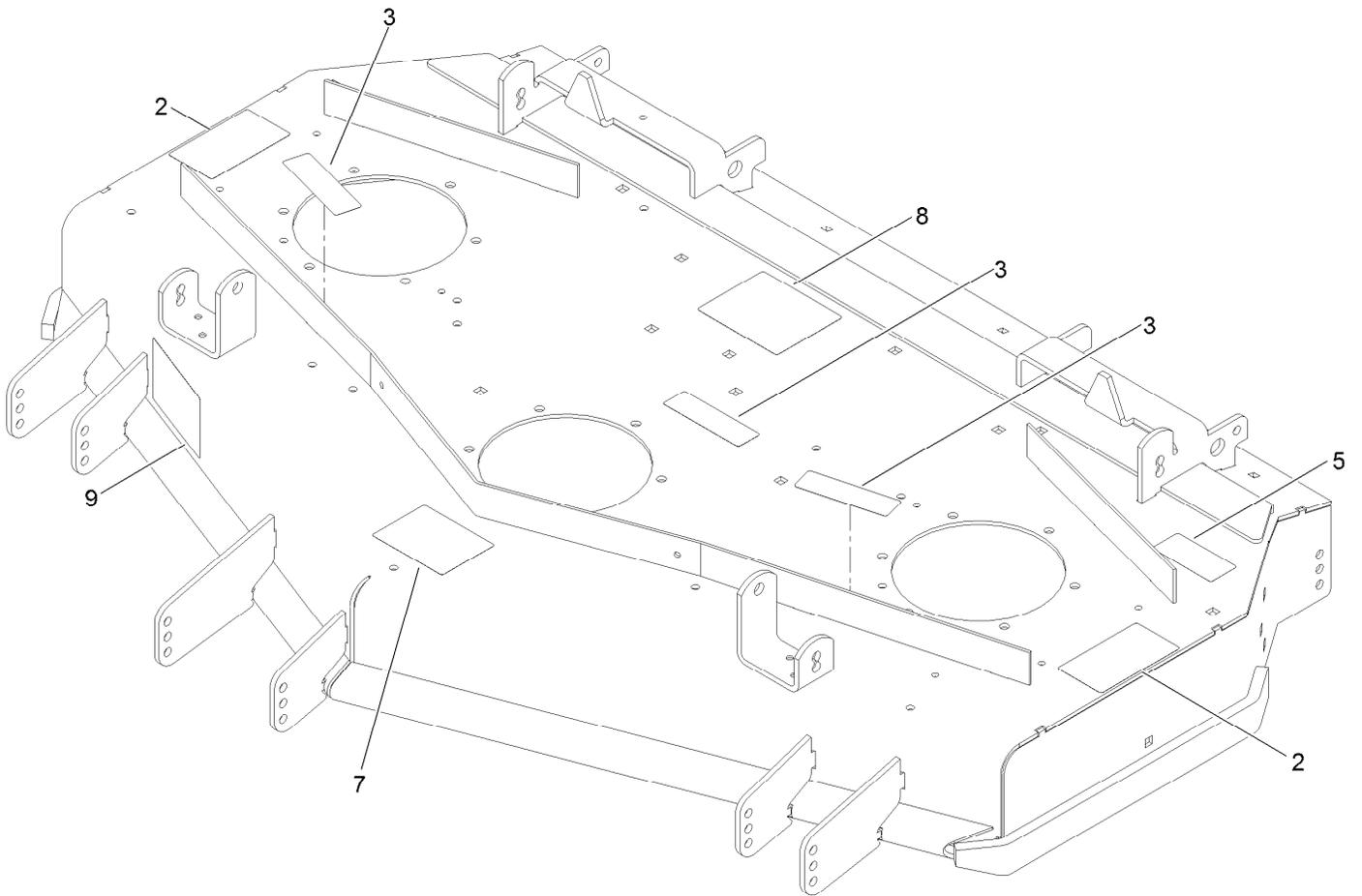
# Deck Assembly



## Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-1155	1	Deck ASM	34	126-4781-03	1	Step-Deck
2	137-9780	3	Spindle ASM	35	3230-3	1	Screw-CARR
3	140-1242	3	Blade-Flow, High	36	3231-7	1	Screw-CARR
4	138-6061	3	Sheave-Blade, Drive	37	112-3871-01	1	Baffle-Center
5	98-7912	4	Tube-Spanner	38	112-3872-01	1	Baffle-LH
6	106-3214	1	Mount-Pulley	39	112-3873-01	1	Baffle-RH
7	132-9424	2	Pulley-Idler, Flat	40	112-3862-01	1	Baffle-Trailing
8	114-1812	1	Spring Idler ASM	41	112-3863-01	1	Baffle-Trailing
9	1-603299	6	Roller-Scalp, Anti	42	98-5975	1	Washer-Belleville
10	98-5967	1	Spacer-Wheel	43	3231-1	4	Screw-CARR
11	108-2177-01	2	Bracket-Cover, Tall	44	104-8301	52	Nut-HF, NI
12	112-3893-01	1	Mount-Anti Scalp, RH	45	117-2749	2	Nut-Push
13	98-7913	4	Tube-Spacer	46	119-4222-01	2	Spacer-Cover, Belt
14	112-3895-01	1	Mount-Anti Scalp, LH	47	3231-27	4	Screw-CARR
15	112-3869	1	Deflector-Rubber	48	131-4004	2	Rod-Support, Upper
16	112-3868-01	1	Skid-Skirt	49	131-7707	2	Rod Support, Lower
17	137-9787	3	Bushing-Hex	50	131-7701	2	Guard Side
18	109-9220	3	Screw-Sems	51	131-4003-03	2	Bracket-Mounting, Upper Rod
19	92-1624	9	Screw-HWH	52	131-3983-03	1	Shield-Front
20	32144-70	12	Screw-HWHTF	53	131-4198-03	2	Bracket-Mounting, Front
21	323-23	4	Screw-HH	54	131-4002-03	2	Bracket-Support, Spindle Cover
22	3231-2	8	Bolt-CARR	55	32105-15	2	Screw-HWH
23	108-5388	1	Screw-HH	56	107069	2	Clip
24	3230-22	4	Screw-CARR	57	73-0041	2	Washer-Thrust
25	104-8300	5	Nut-HF, NI	58	32115-15	2	Nut-Push
26	107-8536	2	Cover-Belt	59	137-9784	3	Guard-Bottom
27	105-7788	2	Spacer	60	103-1330	3	Guard-Bearing, Top
28	107-8516-01	1	Plate-Idler	61	138-6045	3	Shaft-Spindle
29	1-603496	1	Bushing-Idler	62	103-2802	3	Washer
30	108-5951	1	Belt-V	63	116-7306	3	Nut-Hex
31	323-9	1	Screw-HH				
32	3256-24	3	Washer-Flat				
33	3231-4	2	Screw-CARR				

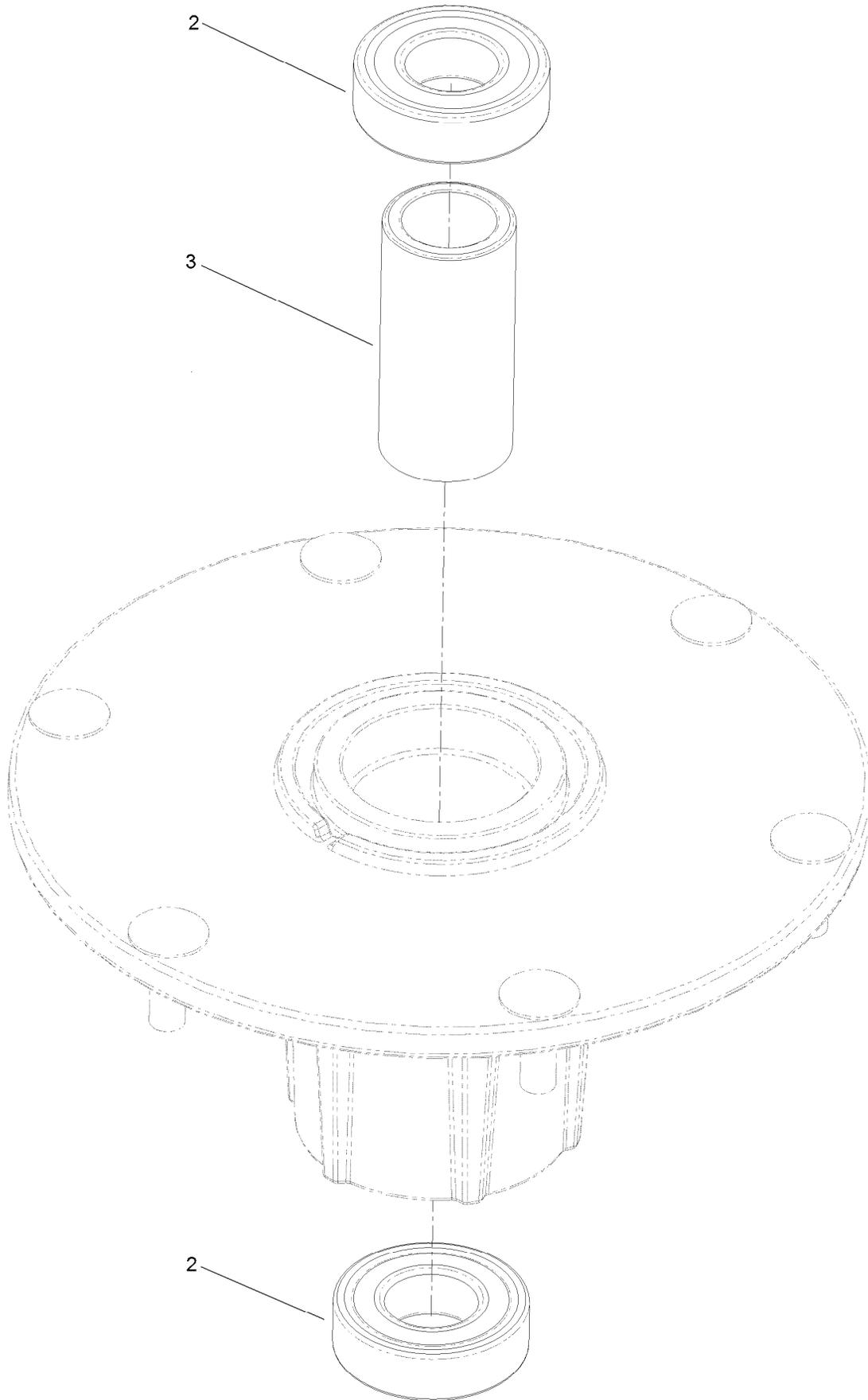
# Deck Decal Assembly No. 140-1155



## Deck Decal Assembly No. 140-1155 (continued)

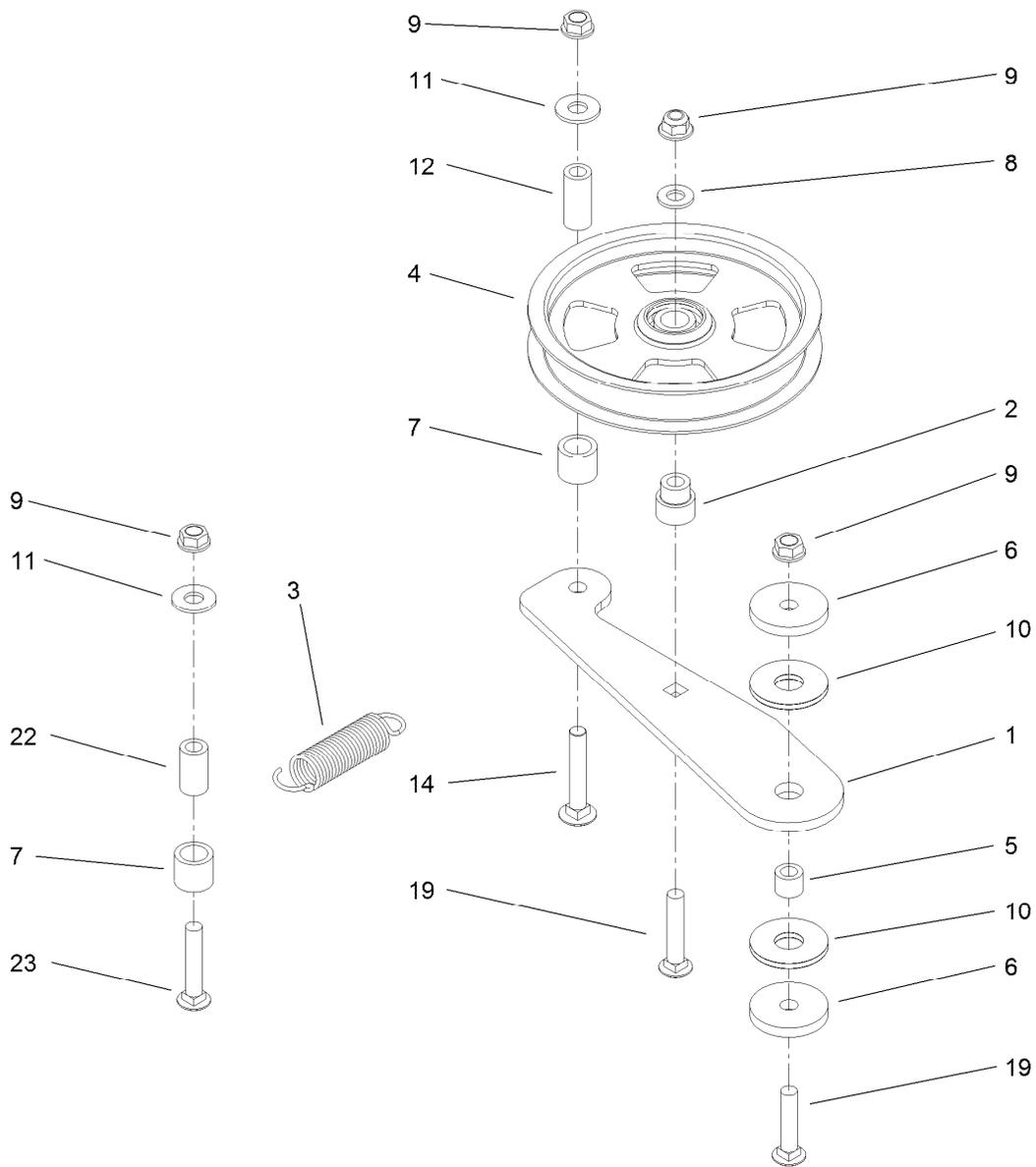
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	117-3848	2	Decal-Danger	7	112-3858	1	Decal-Scalp, Anti
3	112-9028	3	Decal-Cover, Missing	8	108-5981	1	Decal-Routing, Belt
5	116-8283	1	Decal-Torque, Bolt	9	114-1827	1	Decal

# Spindle Assembly No. 137-9780



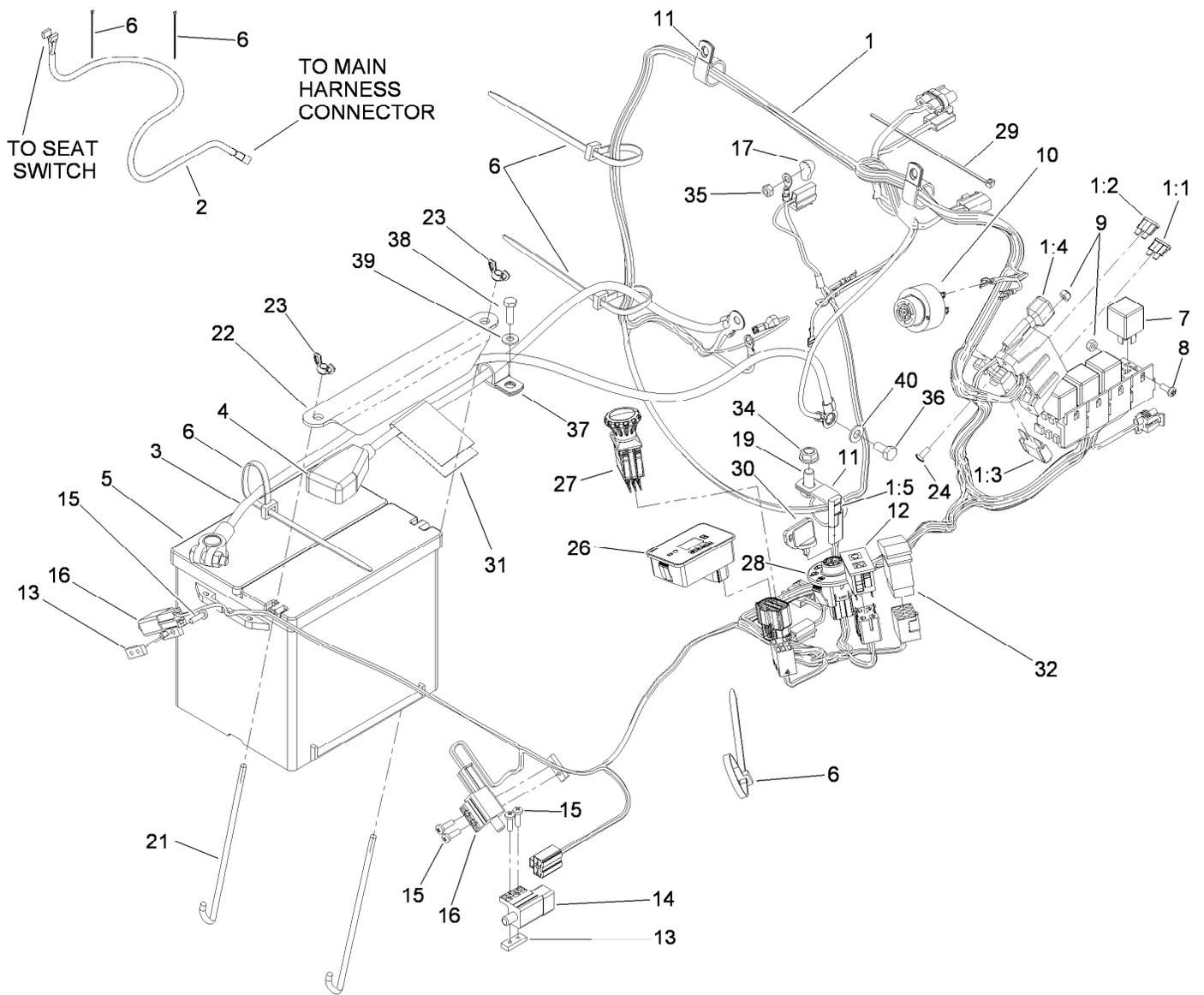
## Spindle Assembly No. 137-9780 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-0720	2	Bearing-Ball
3	138-6042	1	Spacer-Bearing



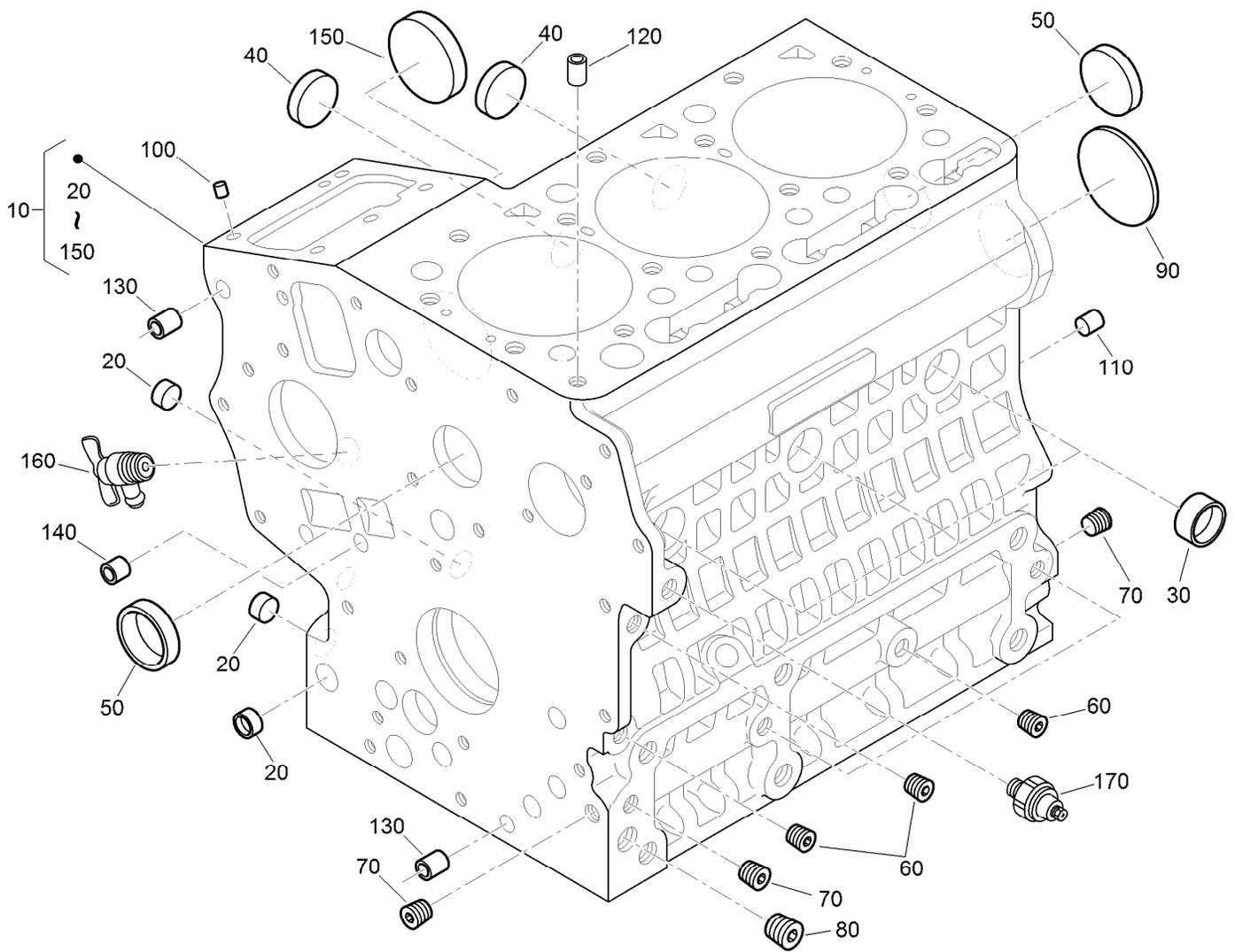
## Spring Idler Assembly No. 114-1812

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-1815	1	Arm-Idler	9	104-8301	4	Nut-HF, NI
2	1-603496	1	Bushing-Idler	10	114-0463	2	Washer-Friction, Composite
3	108-4056	1	Spring-Extension	11	3256-4	2	Washer-Flat
4	132-9424	1	Pulley-Idler, Flat	12	1-603401	1	Spacer
5	1-413088	1	Bushing-Lever, Lift	14	3231-6	1	Screw-CARR
6	110-9981	2	Washer-Plain	19	3231-5	2	Screw-CARR
7	108-4063	2	Spacer-Rubber	22	104-0151	1	Spacer
8	3256-24	1	Washer-Flat	23	3231-40	1	Bolt-CARR



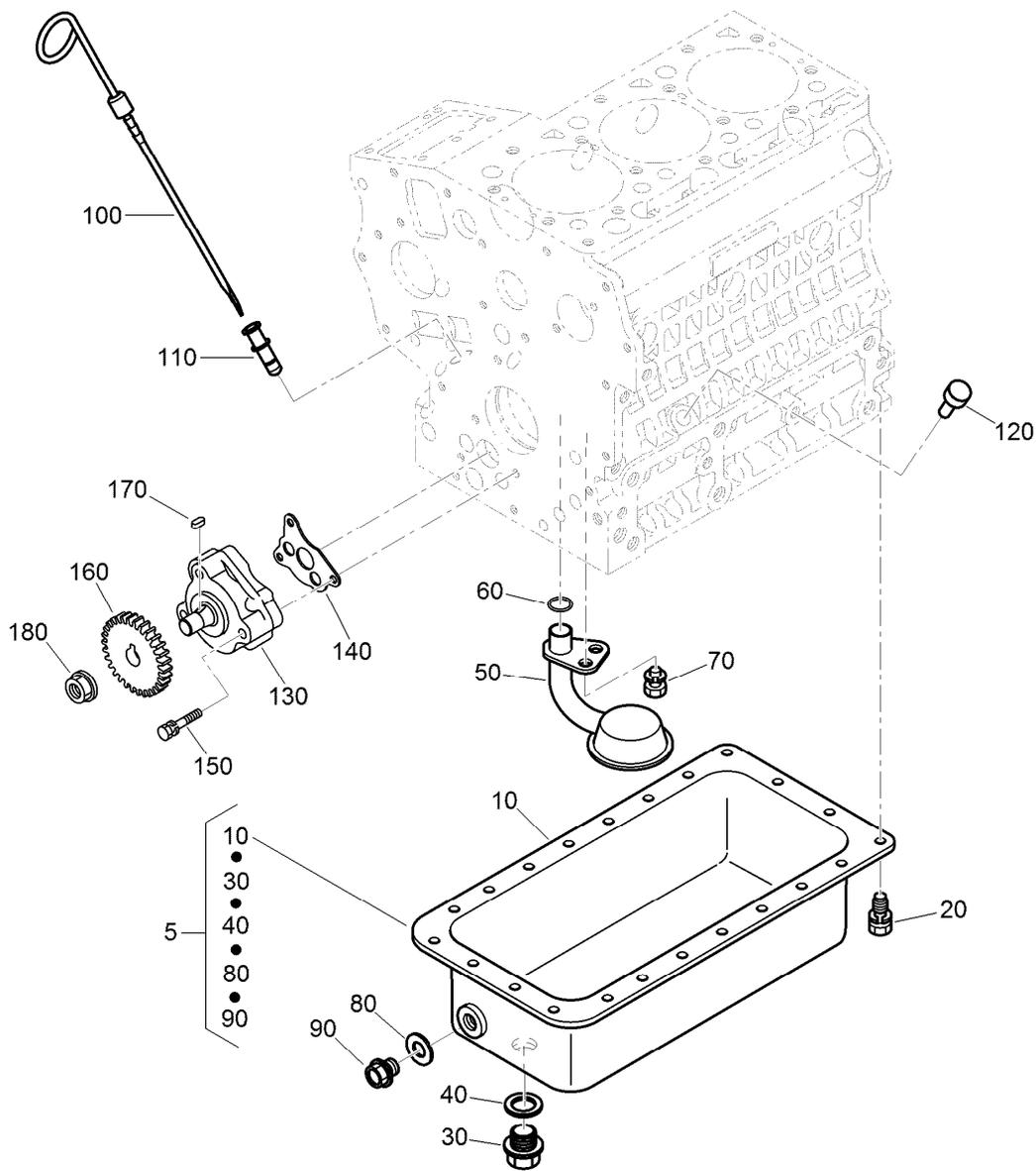
## Electrical Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	119-0351	1	Harness-Wire	17	1-643178	1	Cap-Insulator, Red
1:1	218-578	1	Fuse-Blade, 10 Amp	19	323-4	1	Screw-HH
1:2	109103	1	Fuse-Blade, 30 Amp	21	103-1312	2	Bolt-Holddown
1:3	94-8002	1	Fuse-Blade, 50 Amp	22	103-1311-03	1	Holddown-Battery
1:4	100-4918	1	Diode	23	1-543792	2	Wingnut
1:5	116-0053	1	Cap-Plug	24	1-803075	2	Screw-Head, Truss
2	103-1227	1	Harness-Wiring, Seat	26	116-5609	1	Module ASM
3	110-0303	1	Cable-Battery, Negative	27	116-0124	1	Switch-PTO, 10 Amp
4	110-0304	1	Cable-Battery, Positive	28	137-4100	1	Switch-Ignition
5	106-5187	1	Battery-Dry	29	1-303287	1	Tie-Cable
6	1-303335	7	Tie-Plastic	30	63-8360	2	Key-Ignition
7	1-643275	4	Relay	31	140-4357	1	Decal-Battery Charging
8	1-803071	2	Screw	32	110-0811	1	Switch-Rocker On-None-(On)
9	3296-2	4	Nut-Lock, NI	34	3290-357	1	Nut-HHF, Whiz
10	103-0205	1	Alarm-Tone, Dual	35	33023-00	1	Nut-Lock
11	1-643312	3	Clip-Loom	36	33114-016	1	Screw-HH
12	100-8071	1	Lamp-Warning	37	1-633396	2	Clip-Loom
13	1-633181	3	Plate-Tapped	38	321-5	2	Screw-HH
14	1-633111	1	Switch	39	3256-22	2	Washer-Flat
15	3290-500	6	Screw-PPH	40	3256-23	1	Washer-Plain
16	1-513051	2	Switch-Open, Normally				



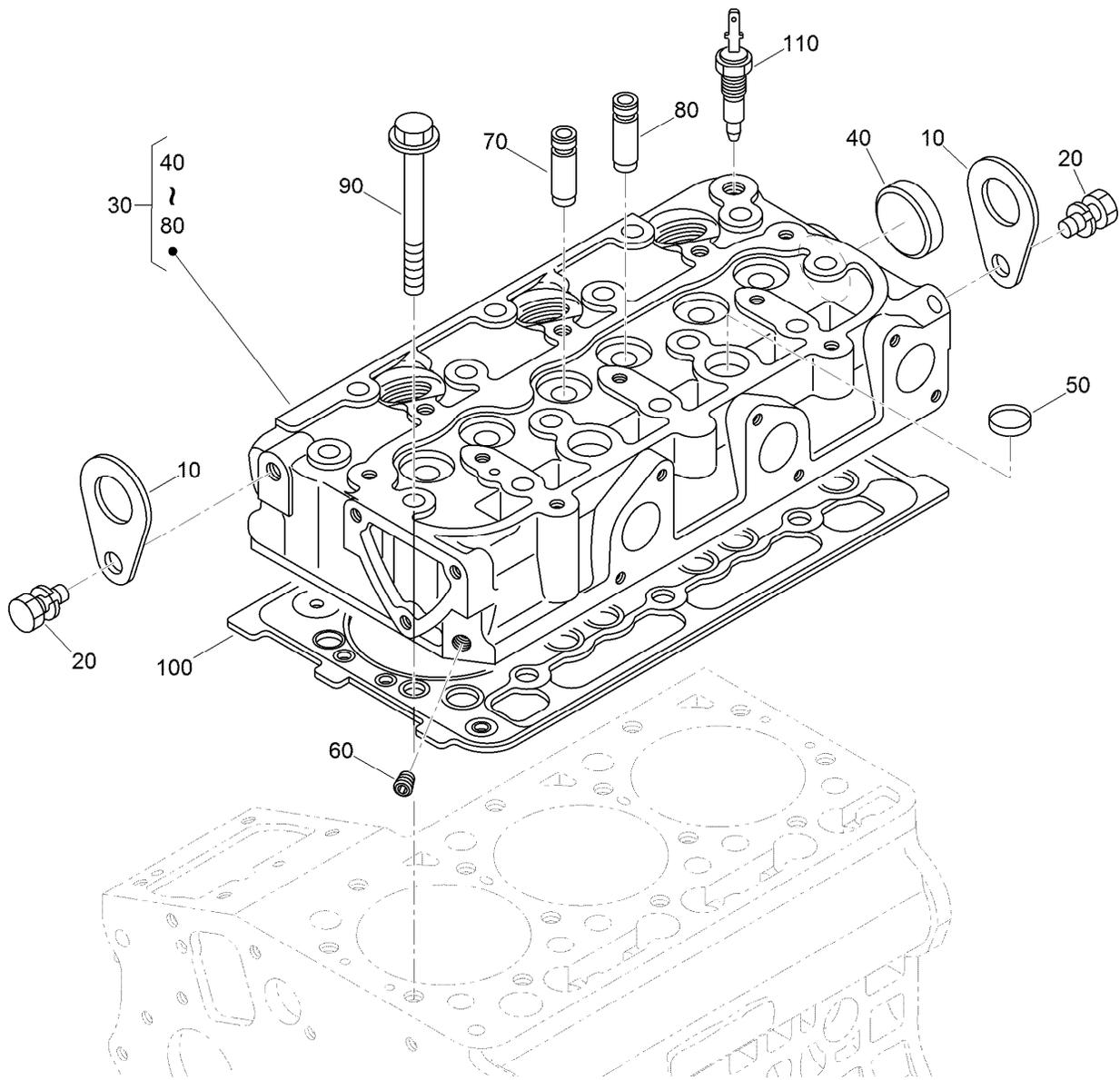
## Crankcase Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	120-3120	1	Crankcase ASM	100	98-9375	2	Pin-Straight
20	100-2019	3	Cap-Sealing	110	98-9377	2	Pin-Straight
30	100-2020	3	Cap-Sealing	120	98-7506	1	Pin-Pipe
40	110-3702	2	Cap-Sealing	130	100-2051	2	Pin-Pipe
50	98-9398	2	Cap-Sealing	140	100-2051	2	Pin-Pipe
60	98-9687	5	Plug	150	100-1991	1	Cover-Fuel, Camshaft
70	98-7487	3	Plug	160	120-3121	1	Draincock ASM
80	98-7488	1	Plug	170	100-2230	1	Switch-Oil
90	100-1851	1	Plug-Expansion				



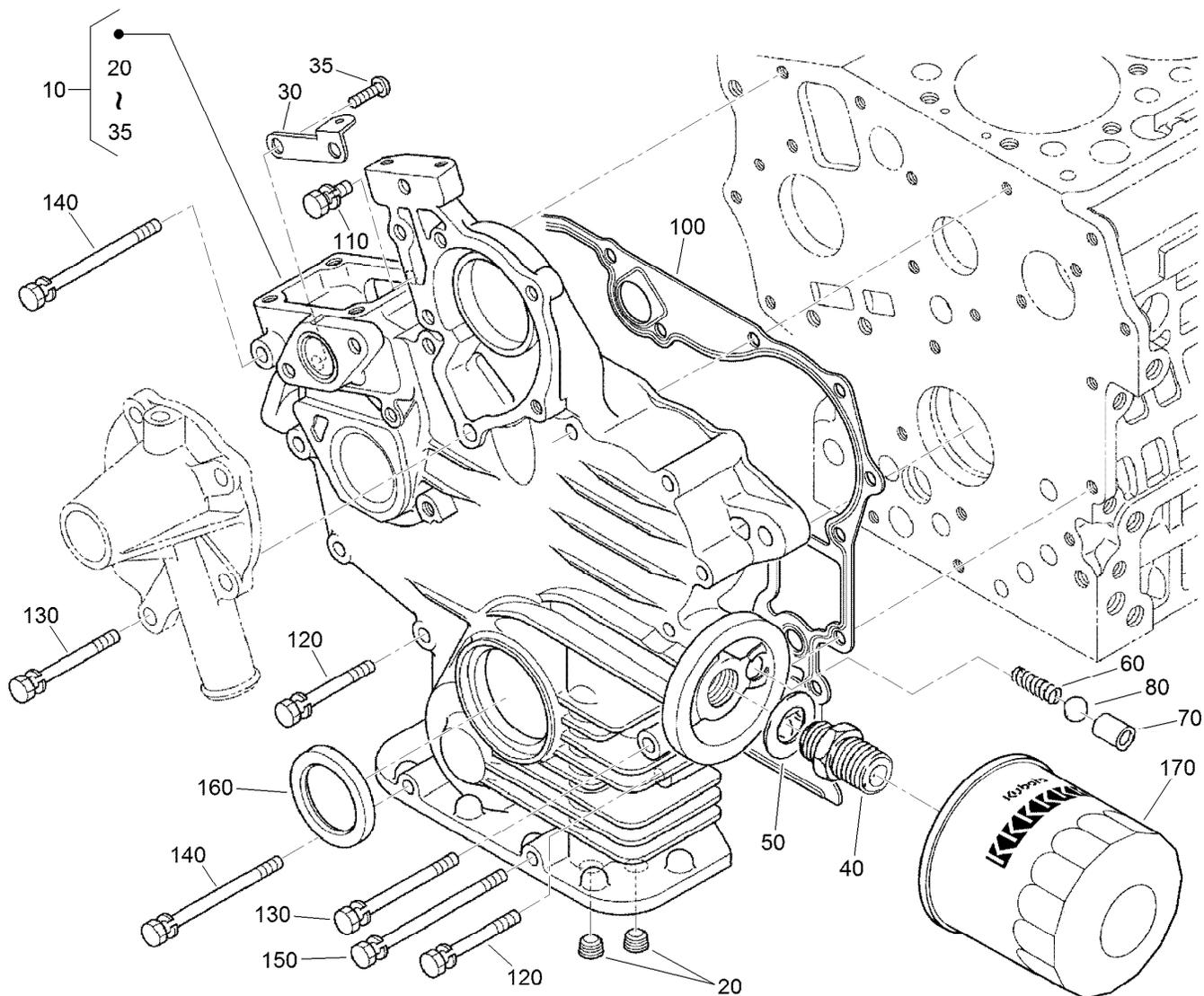
## Oil Pan, Oil Pump and Dipstick Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
5	112-8327	1	Oil Pan Kit	100	110-3719	1	Gauge-Oil
10	112-2523	1	Pan-Oil	110	105-4580	1	Guide-Gauge, Oil
20	98-9350	22	Bolt	120	110-3720	1	Plug-Gauge, Oil
30	114-8151	1	Plug-Drain	130	100-2002	1	Oil Pump ASM
40	110-9715	1	Gasket-Pan, Oil	140	100-2003	1	Gasket-Pump, Oil
50	100-2001	1	Strainer-Pickup, Oil	150	100-1923	3	Bolt
60	105-3776	1	O-Ring	160	130-1419	1	Gear-Drive, Oil Pump
70	100-9195	1	Bolt	170	98-7658	1	Key-Feather
80	98-7524	1	Gasket	180	100-1779	1	Nut-Flange
90	98-9686	1	Plug-Drain				



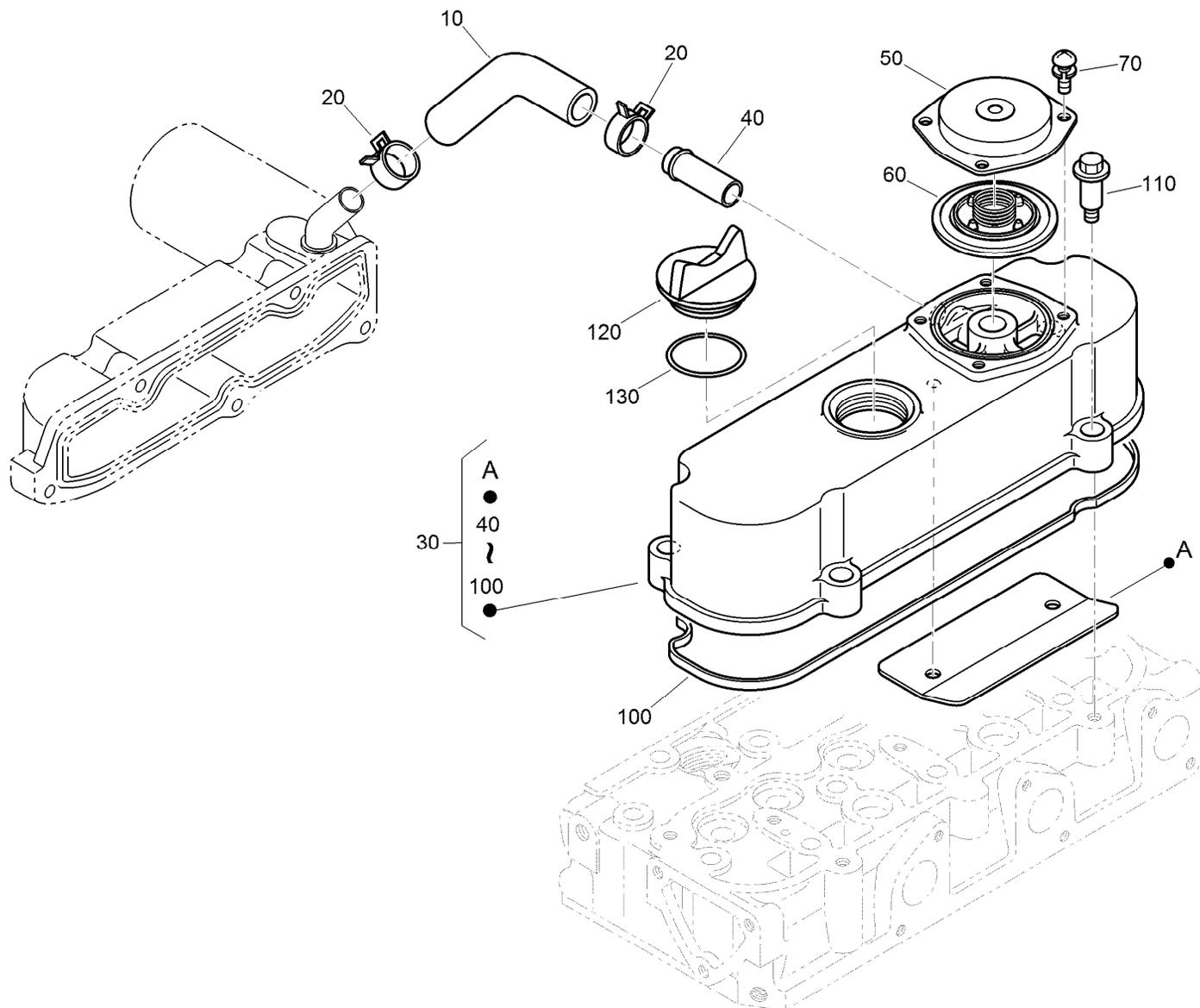
## Cylinder Head Assembly

<b>Ref.</b>	<b>Part Number</b>	<b>Qty.</b>	<b>Description</b>
10	98-7531	2	Hook-Engine
20	98-7526	2	Bolt
30	130-1504	1	Cylinder Head ASM
40	105-3705	1	Cap-Sealing
50	98-9389	2	Cap-Sealing
60	98-9687	1	Plug
70	100-1882	3	Guide-Valve, Inlet
80	100-1883	3	Guide-Valve, Exhaust
90	100-1820	14	Bolt-Head, Cylinder
100	112-2520	1	Gasket-Head, Cylinder
110	99-3582	1	Thermoswitch



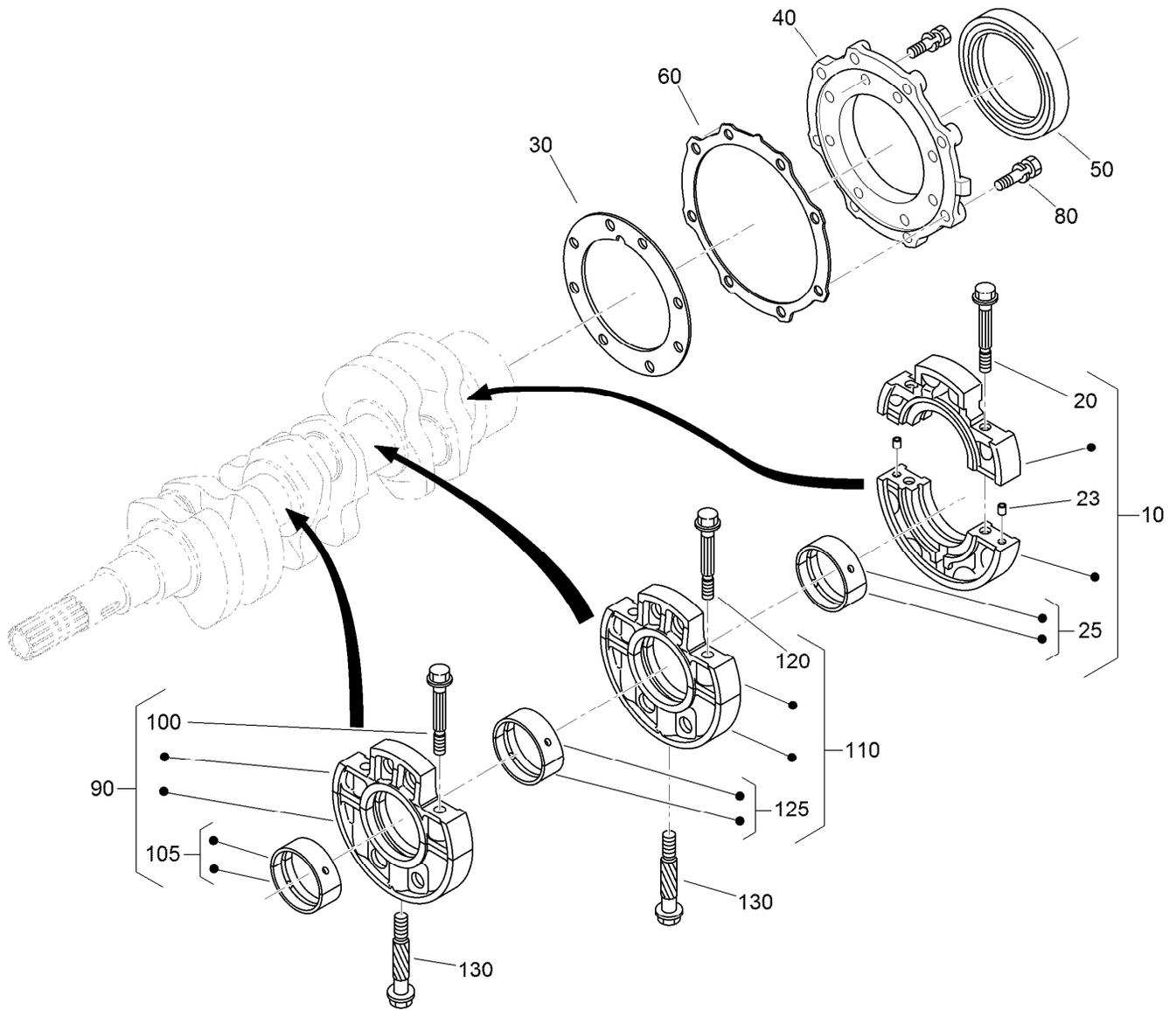
## Gear Case and Oil Filter Cartridge Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	110-3707	1	Case-Gear	100	117-0327	1	Gasket-Case, Gear
20	98-7488	2	Plug	110	127-0403	1	Bolt-Flange
30	110-3708	1	Stay-Spring, Start	120	125-9063	9	Bolt-Sems
35	100-2040	2	Screw	130	100-1922	2	Bolt
40	98-9388	1	Joint-Pipe	140	98-9357	2	Bolt
50	100-1926	1	Washer-Plain	150	110-3710	1	Bolt
60	100-2004	1	Spring	160	120-7852	1	Seal-Oil
70	100-1894	1	Seat-Valve	170	115-8189	1	Filter-Oil, Engine
80	100-1792	1	Ball				



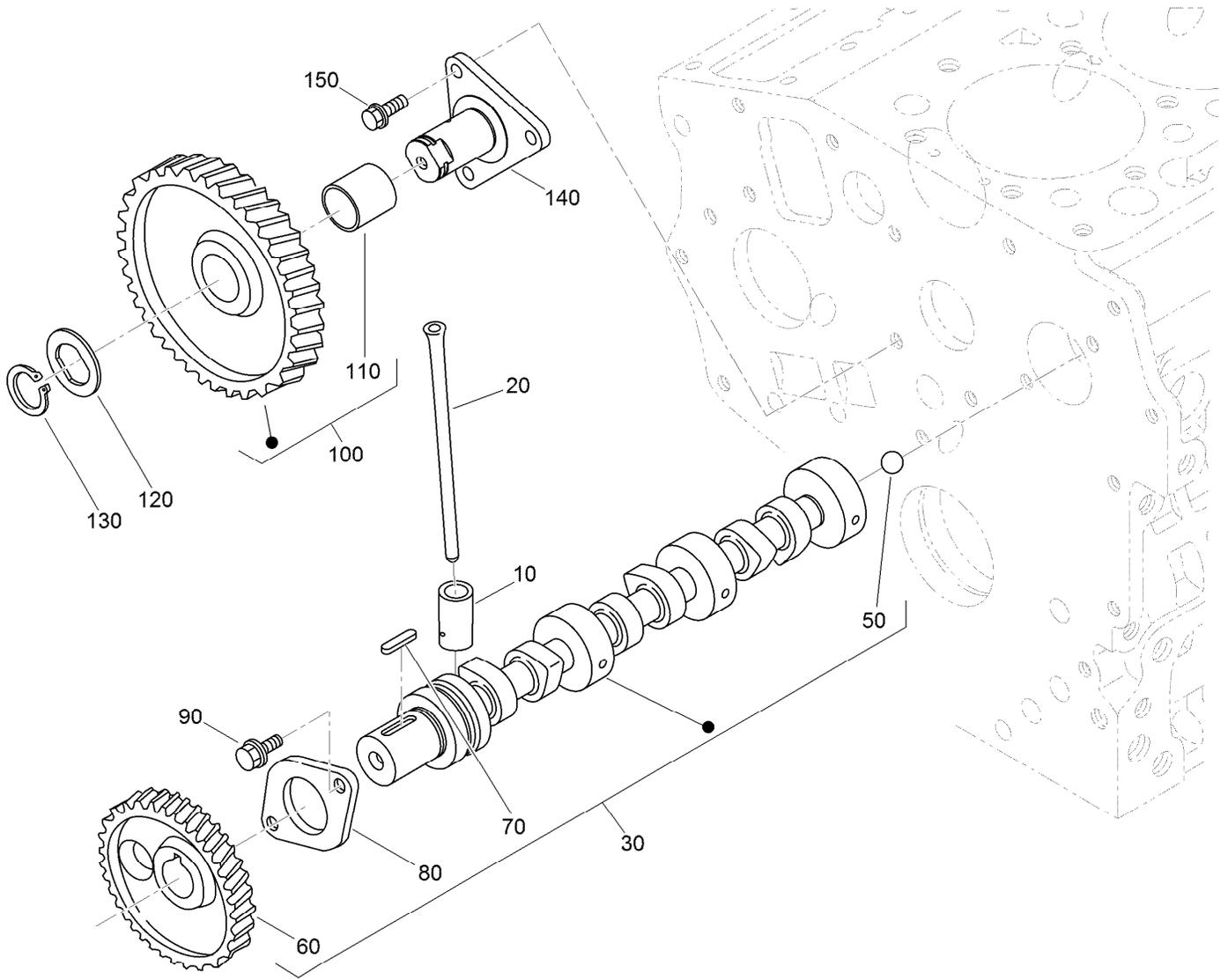
## Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	120-3139	1	Tube-Breather
20	110-3712	2	Clamp-Hose
30	112-8332	1	Cylinder Head Cover ASM
40	98-9580	1	Pipe-Return, Water
50	110-3714	1	Cover-Breather
60	110-3715	1	Valve-Breather
70	98-9364	4	Screw (With Washer)
100	112-2521	1	Gasket-Cover, Head
110	108-7063	4	Bolt
120	107-9075	1	Plug-Filler, Oil
130	99-3446	1	O-Ring



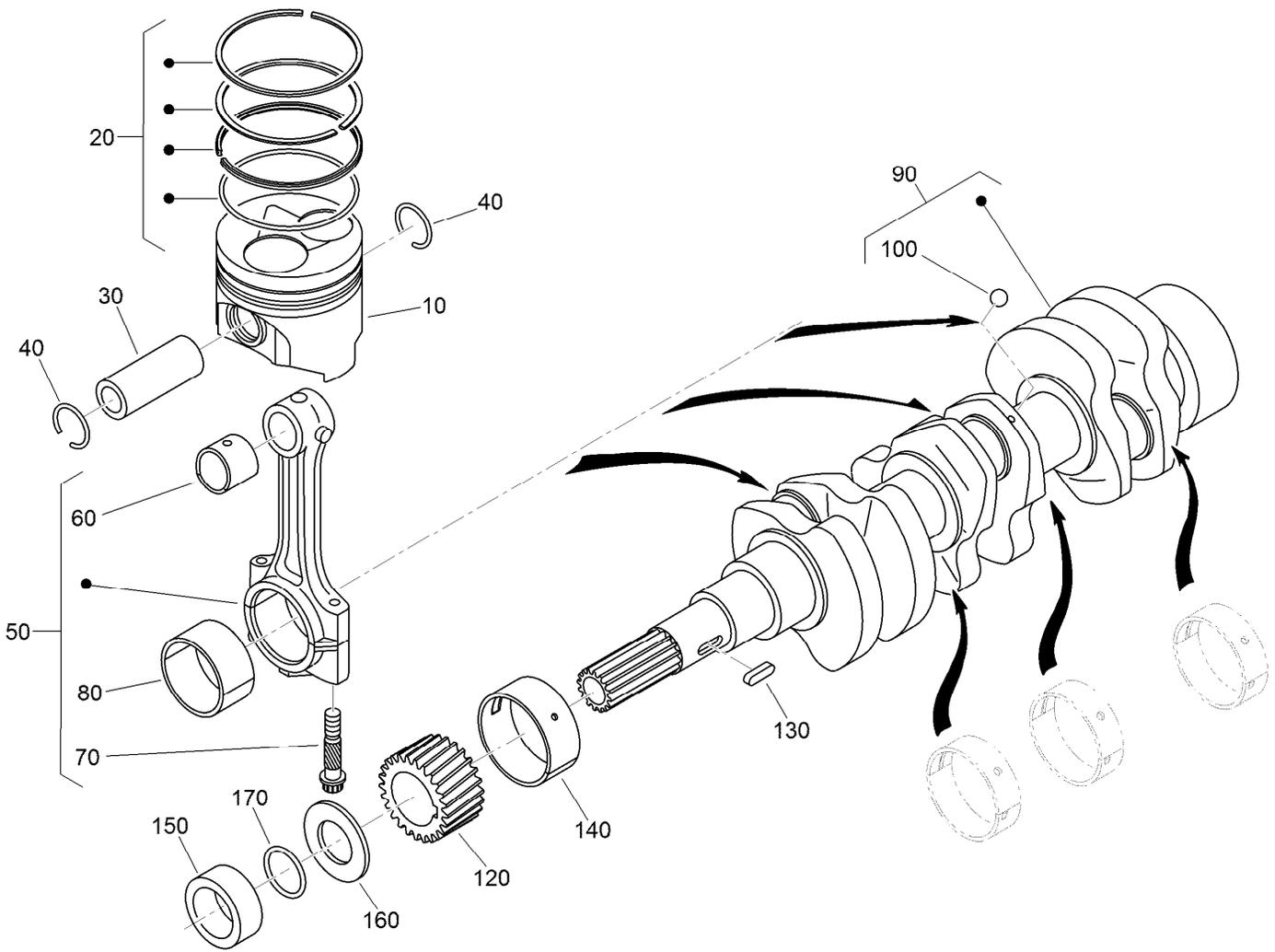
## Main Bearing Case Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	125-9064	1	Wheel Bearing Case ASM	105	110-3741	1	Crankshaft Metal ASM (STD)
20	125-9065	2	Bolt-Flange	105	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
23	125-9082	2	Pin-Straight	105	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
25	125-9066	1	Crankshaft Metal ASM (STD)	110	125-9069	1	Main Case Bearing ASM
25	125-9067	1	Crankshaft Metal ASM (-0.20Mm)	120	110-3723	2	Bolt-Case, Bearing
25	125-9068	1	Crankshaft Metal ASM (-0.40Mm)	125	110-3741	1	Crankshaft Metal ASM (STD)
30	100-1873	1	Gasket-Case, Bearing	125	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
40	112-8334	1	Cover-Case, Bearing	125	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
50	110-3724	1	Seal-Oil	130	100-1874	2	Bolt-Case, Bearing
60	100-1876	1	Gasket-Cover, Case				
80	100-1750	16	Bolt				
90	110-3725	1	Main Bearing Case ASM				
100	110-3723	2	Bolt-Case, Bearing				



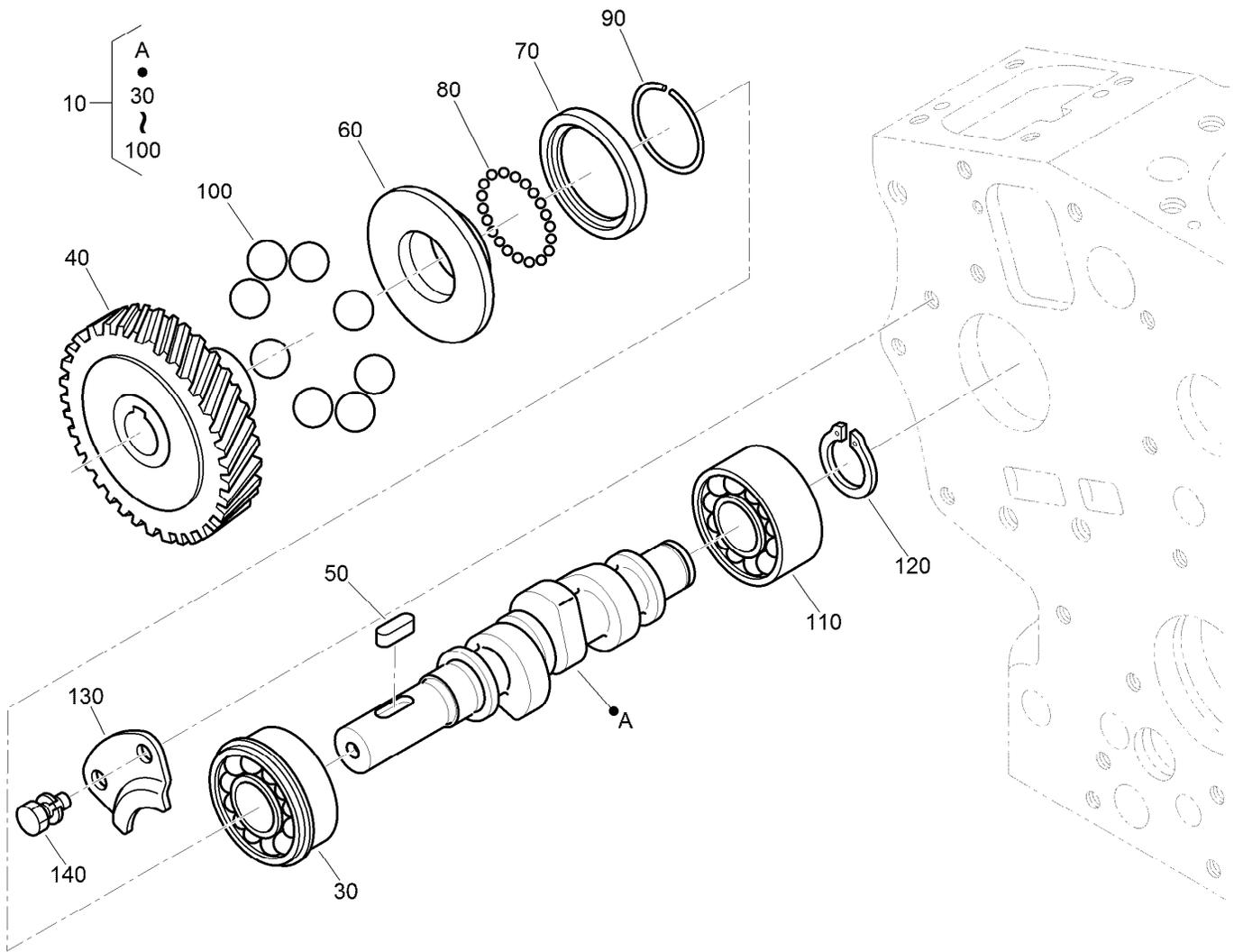
## Camshaft and Idle Gear Shaft Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	110-3727	6	Tappet
20	100-1989	6	Rod-Push
30	120-3126	1	Camshaft ASM
50	110-3729	1	Ball
60	130-1534	1	Gear-Cam
70	98-9378	1	Key-Feather
80	100-1887	1	Stopper-Camshaft
90	98-9350	2	Bolt
100	121-2421	1	Idle Gear ASM
110	121-2422	1	Bushing
120	100-1970	1	Collar-Gear, Idle
130	100-1969	1	Ring-Snap
140	100-1967	1	Shaft-Gear, Idle
150	100-1774	3	Bolt-Flange



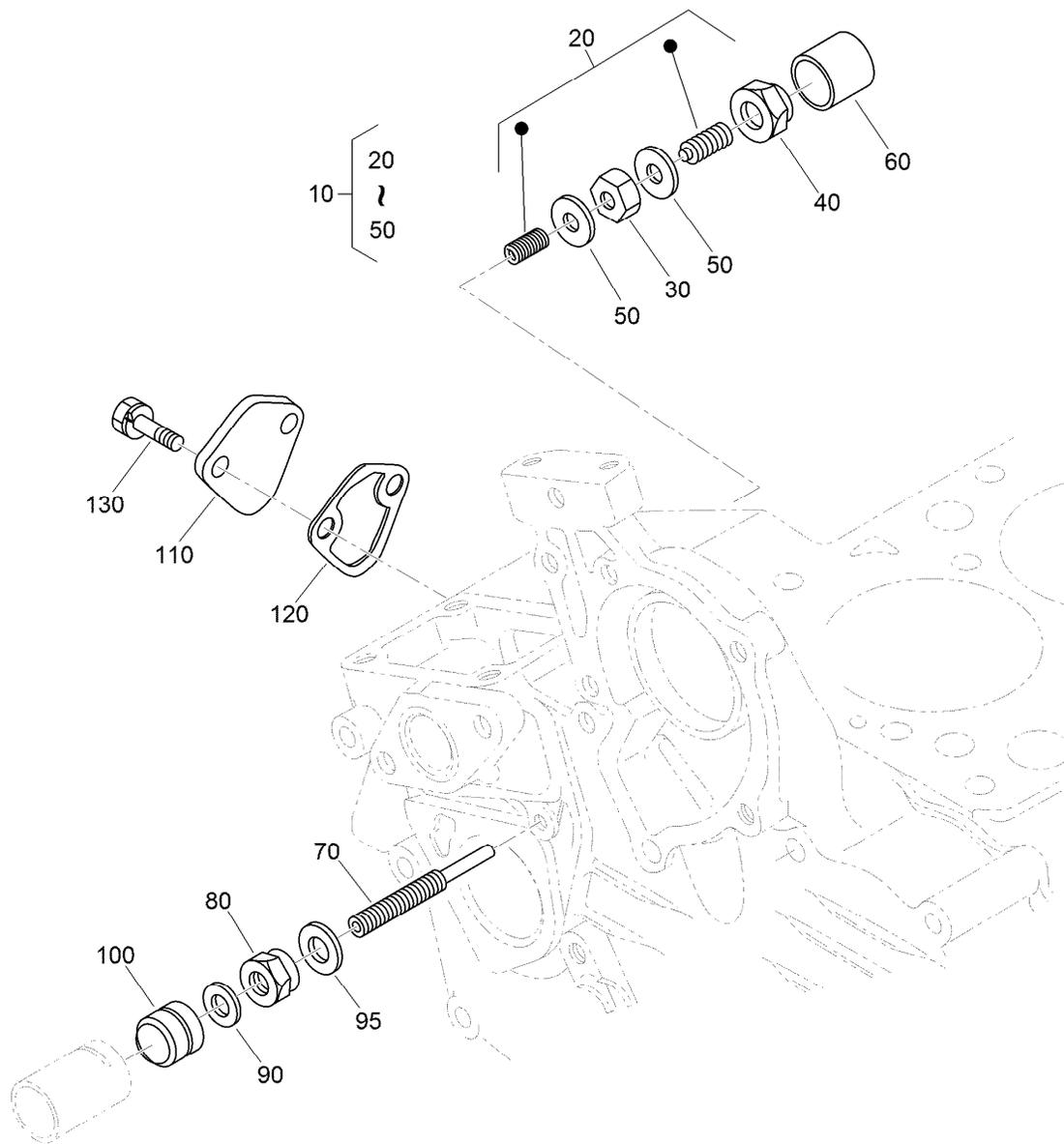
## Piston and Crankshaft Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	130-1518	3	Piston	80	121-2420	3	Metal-Crankpin (-.40Mm)
10	130-1520	3	Piston	90	117-0308	1	Crankshaft
20	130-1516	3	Piston Ring ASM	100	100-1791	3	Ball
20	130-1517	3	Piston Ring ASM	120	100-1891	1	Gear-Crankshaft
30	110-3734	3	Pin-Piston	130	100-1752	1	Key-Feather
40	100-1835	6	Circlip-Internal	140	110-3738	1	Metal-Crankshaft (STD)
50	125-9070	3	Connecting Rod ASM	140	121-2424	1	Metal-Crankshaft (-.20Mm)
60	110-3736	3	Bushing-Pin, Piston	140	121-2425	1	Metal-Crankshaft (-.40Mm)
70	100-1999	6	Bolt-Rod, Connecting	150	100-1890	1	Collar-Crankshaft
80	100-2000	3	Metal-Crankpin (STD)	160	100-1974	1	Slinger-Oil
80	121-3849	3	Metal-Crankpin (-.20Mm)	170	100-2209	1	O-Ring



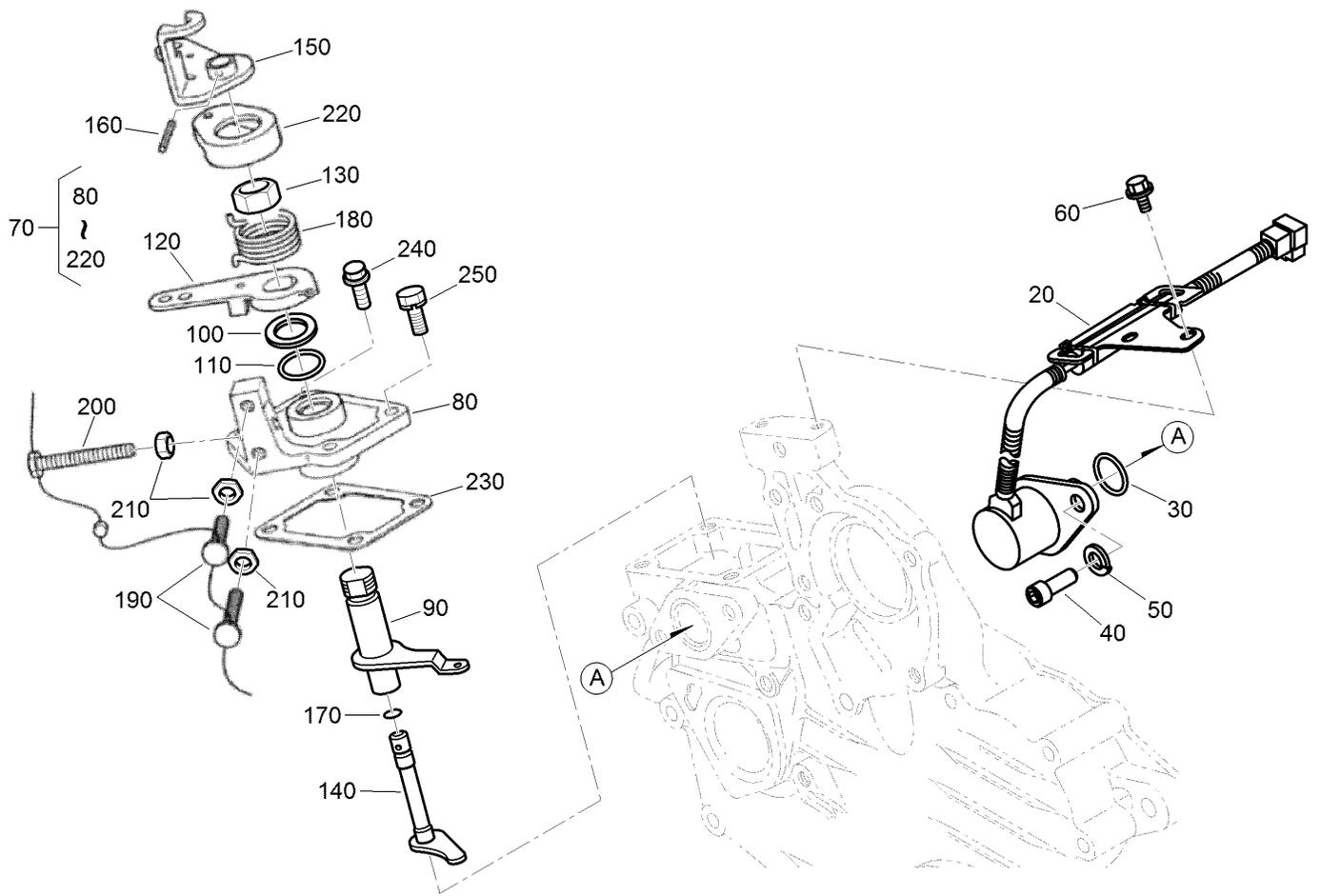
## Fuel Camshaft Assembly

Ref.	Part Number	Qty.	Description
10	125-9075	1	Fuel Camshaft ASM
30	100-1795	1	Bearing-Ball
40	100-2006	1	Gear-Pump, Injection
50	100-1752	1	Key-Feather
60	112-8336	1	Sleeve-Governor
70	100-1904	1	Case-Ball, Governor
80	100-1790	32	Ball
90	100-1843	1	Circ-Clip
100	100-1793	8	Ball
110	110-3757	1	Bearing-Ball
120	100-1784	1	Circ-Clip, External
130	100-1888	1	Stopper-Fuel, Camshaft
140	98-9350	2	Bolt



## Idle Apparatus and Fuel Pump Cover Assembly

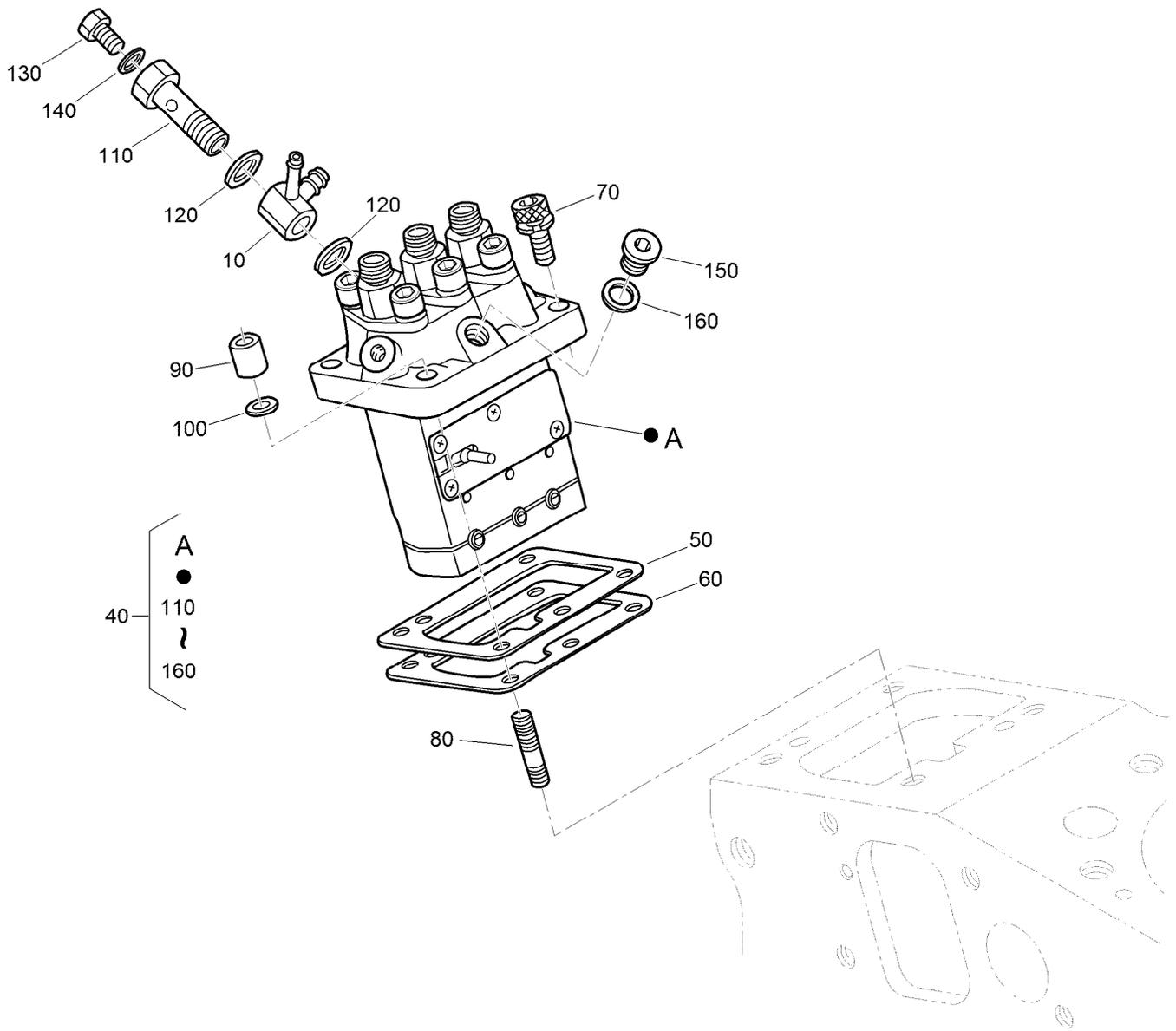
Ref.	Part Number	Qty.	Description
10	100-1898	1	Idle Apparatus ASM
20	100-1899	1	Adjusting Bolt ASM
30	100-1846	1	Nut
40	100-1901	1	Nut-Cap
50	98-7428	2	Gasket
60	100-1902	1	Cap
70	110-3758	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	98-7654	1	Gasket
95	107-9081	1	Gasket
100	99-8387	1	Nut-Cap
110	99-3514	1	Cover
120	98-9636	1	Gasket-Pump, Fuel
130	98-7692	2	Bolt



## Stop Solenoid and Speed Control Plate Assembly

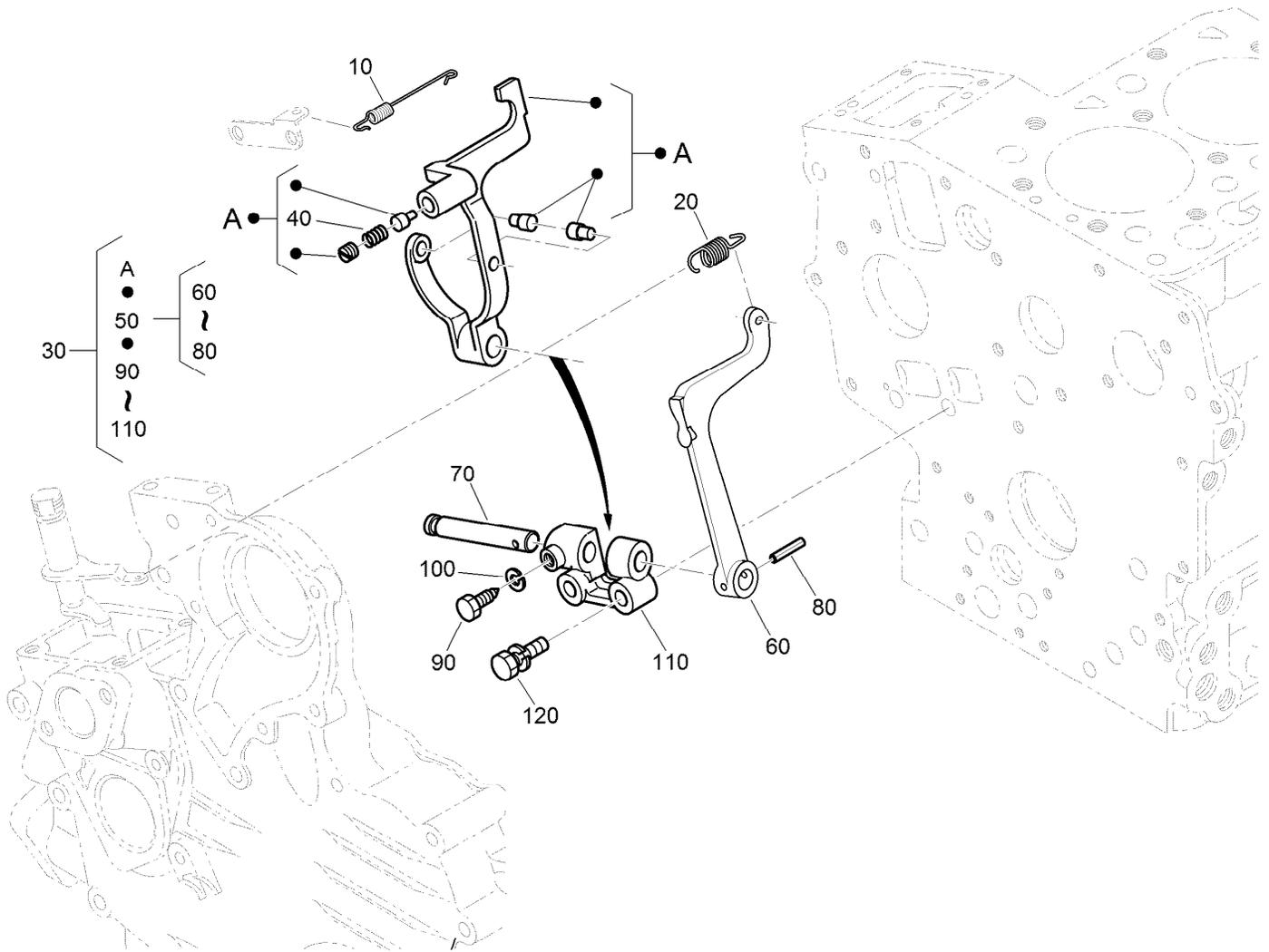
Ref.	Part Number	Qty.	Description
20	117-2719	1	Solenoid Stop ASM
30	110-3762	1	O-Ring
40	110-3763	2	Bolt-HSH
50	98-7699	2	Washer-Spring
60	100-1774	2	Bolt-Flange
70	110-3769	1	Speed Control Plate ASM
80	110-3770	1	Plate-Control, Speed
90	110-3771	1	Lever-Governor
100	110-3772	1	Collar
110	100-2208	1	O-Ring
120	110-3773	1	Lever-Control, Speed
130	110-3774	1	Nut-Control, Speed

Ref.	Part Number	Qty.	Description
140	110-3775	1	Shaft-Lever
150	110-3776	1	Lever-Stop, Engine
160	110-3777	1	Pin-Spring
170	100-2207	1	O-Ring
180	110-3778	1	Spring-Return
190	120-3133	2	Screw-Stopper
200	120-3134	1	Bolt
210	98-7572	3	Nut
220	110-3779	1	Cap
230	100-1962	1	Gasket-Plate, Control
240	127-0403	2	Bolt-Flange
250	112-2507	2	Bolt



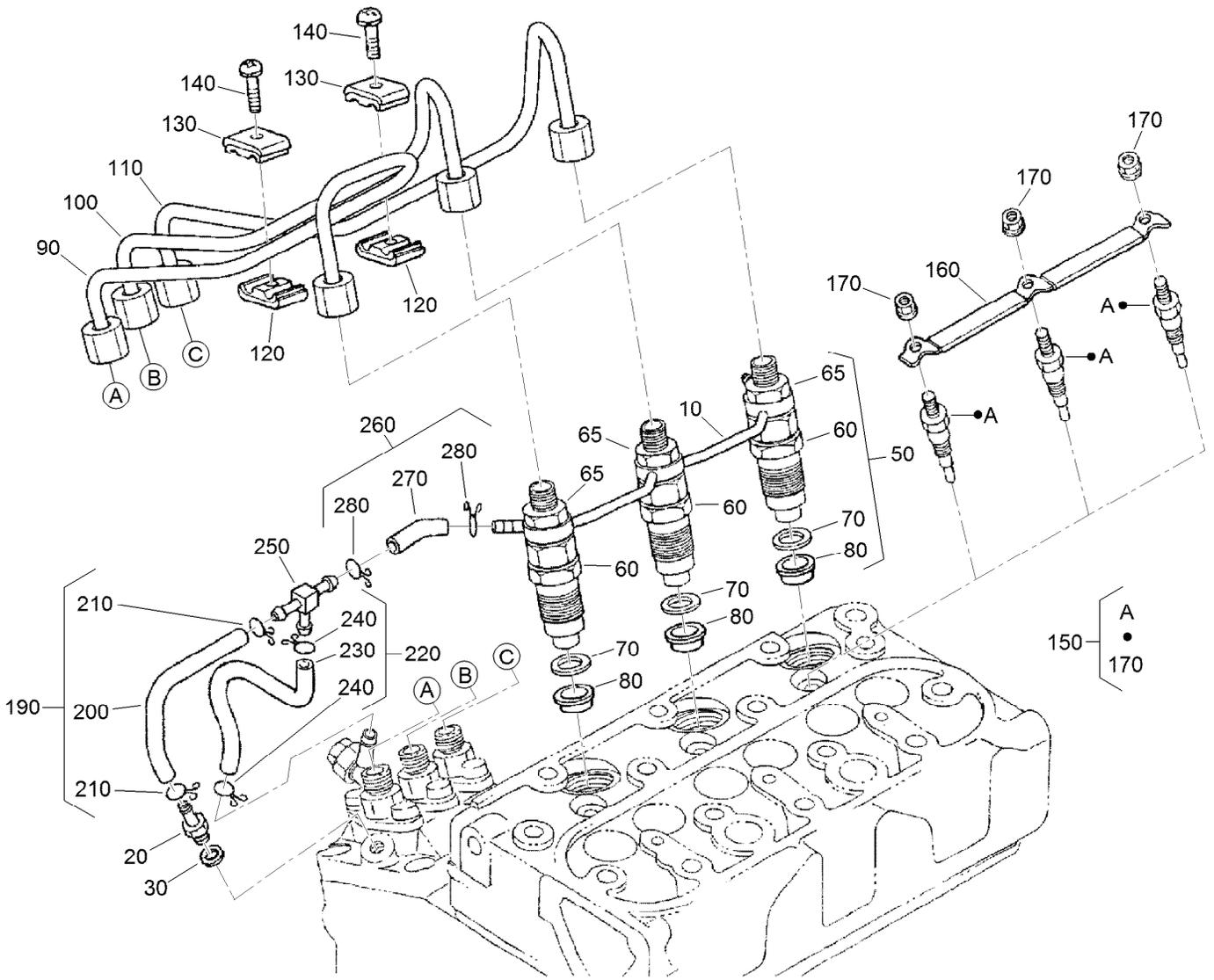
## Injection Pump Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	110-3764	1	Joint	90	98-9440	2	Nut-Cap
40	110-3765	1	Injection Pump ASM	100	98-7699	2	Washer-Spring
50	115-3045	1	Shim-Injection (0.175Mm)	110	100-1896	1	Screw-Hollow
50	98-9456	1	Shim-Injection (0.20Mm)	120	98-9445	2	Gasket
50	98-9457	1	Shim-Injection (0.25Mm)	130	98-9430	1	Screw
60	98-9458	1	Shim-Injection (0.30Mm)	140	98-9446	1	Gasket
60	115-3046	1	Shim-Injection (0.35Mm)	150	98-9466	1	Plug
70	117-7564	2	Bolt-Hex Soc HD	160	98-9451	1	Gasket
80	98-9438	2	Stud				



## Governor Assembly

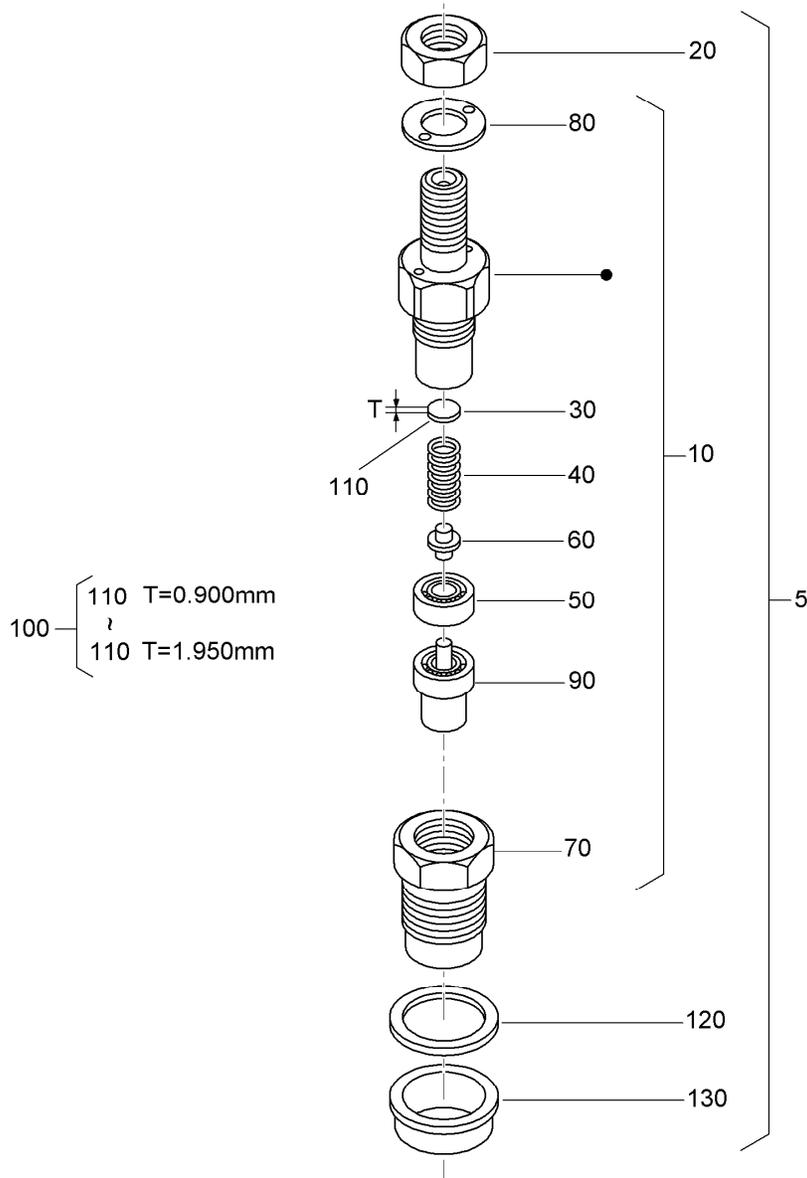
Ref.	Part Number	Qty.	Description
10	110-3766	1	Spring-Start
20	110-3767	1	Spring-Governor
30	130-1367	1	Fork Lever ASM
40	121-3803	1	Spring
50	100-1905	1	Fork Lever ASM
60	100-1907	1	Lever-Fork
70	100-1908	1	Shaft-Lever, Fork
80	100-1751	1	Pin-Spring
90	100-1845	1	Bolt
100	127-0408	1	Washer-Lock, Spring
110	100-1909	1	Holder-Lever, Fork
120	100-1763	2	Bolt



## Nozzle Holder and Glow Plug Assembly

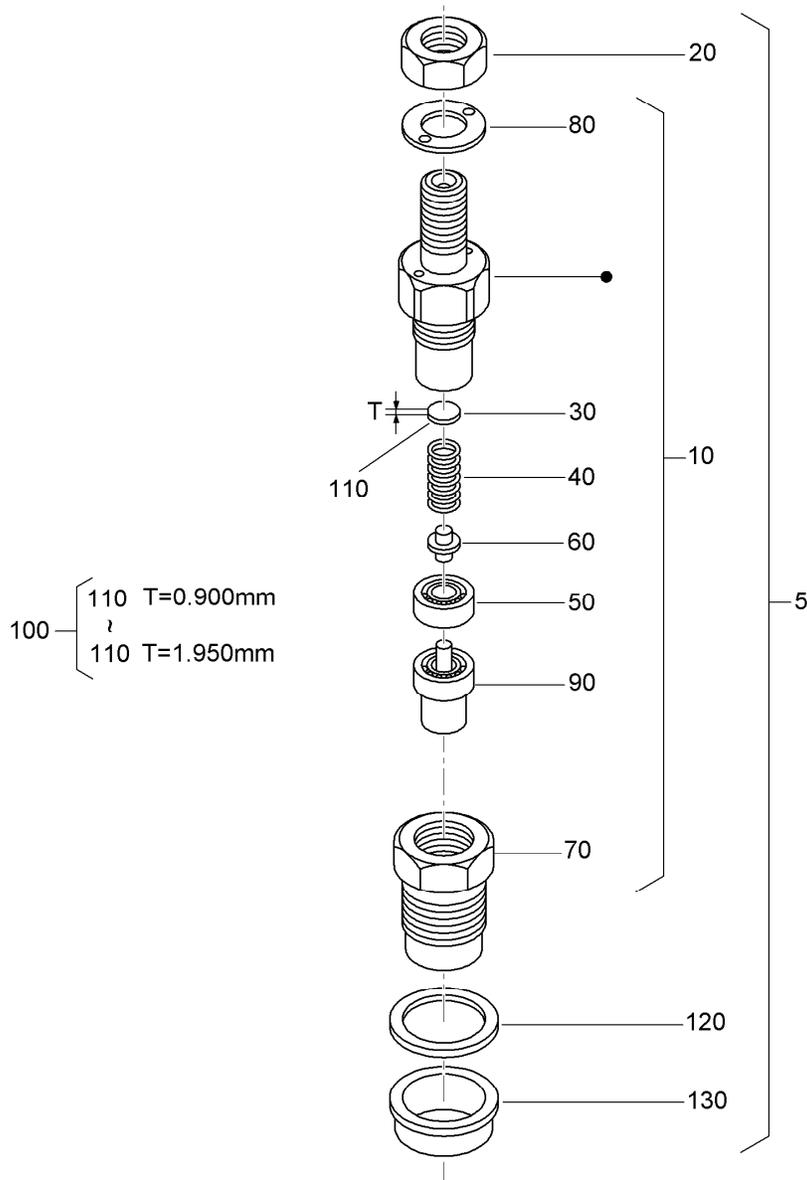
Ref.	Part Number	Qty.	Description
10	110-3780	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
50	130-1305	3	Nozzle Holder Kit
60	130-1303	3	Nozzle Holder ASM
65	121-2411	3	Nut
70	98-7676	3	Gasket
80	98-7677	3	Seal-Heat
90	130-1522	1	Pipe-Injection
100	130-1523	1	Pipe-Injection
110	130-1541	1	Pipe-Injection
120	98-7682	2	Clamp-Pipe
130	98-7683	2	Clamp-Pipe
140	98-7684	2	Screw (W/Washer)

Ref.	Part Number	Qty.	Description
150	130-1411	3	Plug-Glow
160	110-3784	1	Cord-Plug, Glow
170	99-8377	3	Nut-Flange
190	110-3785	1	Fuel Tube ASM
200	110-3786	1	Tube-Fuel
210	98-7671	2	Clip-Pipe
220	110-3787	1	Fuel Tube ASM
230	110-3788	1	Tube-Fuel
240	98-7671	2	Clip-Pipe
250	112-8338	1	Pipe-Joint, T
260	110-3790	1	Fuel Tube ASM
270	110-3791	1	Tube-Fuel
280	98-7671	2	Clip-Pipe



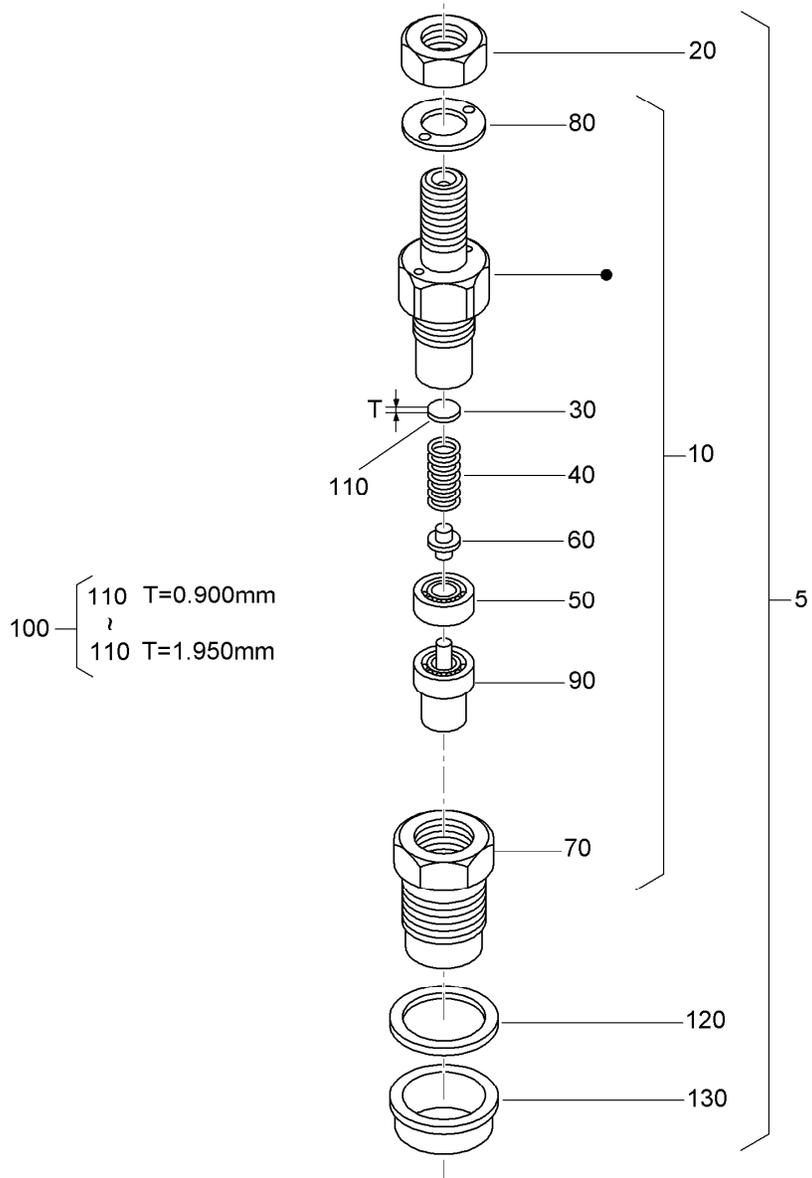
## Nozzle Holder Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
5	130-1305	3	Nozzle Holder Kit	110	98-7845	3	Washer-Adjusting (1.025Mm)
10	130-1303	3	Nozzle Holder ASM	110	98-7846	3	Washer-Adjusting (1.050Mm)
20	121-2411	3	Nut	110	98-7847	3	Washer-Adjusting (1.075Mm)
30	99-8302	3	Washer-Adjusting	110	98-7848	3	Washer-Adjusting (1.100Mm)
40	99-8303	3	Spring-Nozzle	110	98-7849	3	Washer-Adjusting (1.125Mm)
50	99-8304	3	Spacer-Distance	110	98-7850	3	Washer-Adjusting (1.150Mm)
60	99-8305	3	Rod-Push	110	98-7851	3	Washer-Adjusting (1.175Mm)
70	130-1304	3	Nut-Nozzle	110	98-7852	3	Washer-Adjusting (1.200Mm)
80	99-8307	3	Washer-Plain	110	98-7853	3	Washer-Adjusting (1.225Mm)
90	130-1497	3	Nozzle-Piece	110	98-7854	3	Washer-Adjusting (1.250Mm)
100	98-9448	3	Adjusting Washer ASM				
110	98-7642	3	Washer-Adjusting (0.900Mm)				
110	98-7841	3	Washer-Adjusting (0.925Mm)				
110	98-7842	3	Washer-Adjusting (0.950Mm)				
110	98-7843	3	Washer-Adjusting (0.975Mm)				
110	98-7844	3	Washer-Adjusting (1.000Mm)				



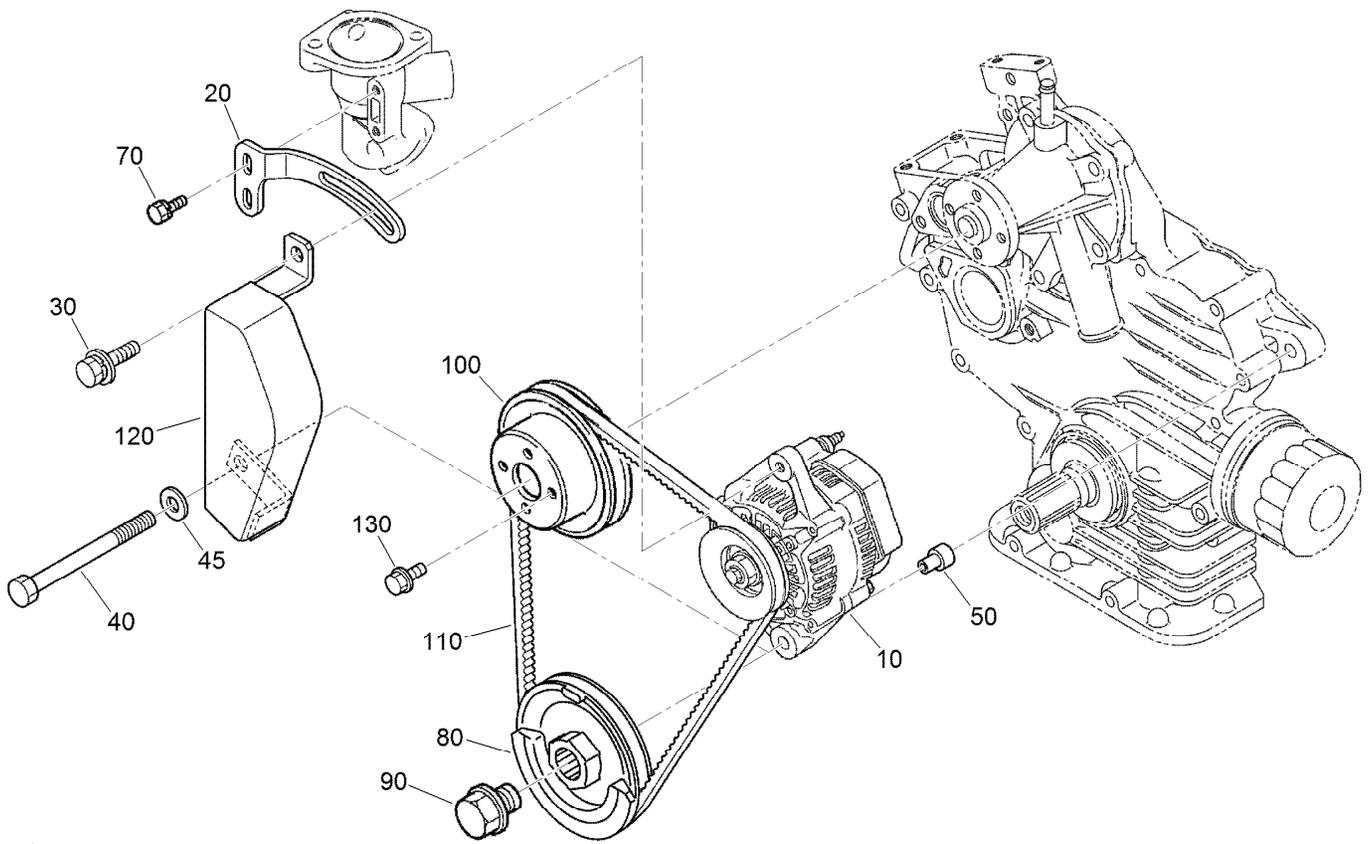
## Nozzle Holder Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
110	98-7855	3	Washer-Adjusting (1.275Mm)	110	98-7865	3	Washer-Adjusting (1.525Mm)
110	98-7856	3	Washer-Adjusting (1.300Mm)	110	98-7866	3	Washer-Adjusting (1.550Mm)
110	98-7857	3	Washer-Adjusting (1.325Mm)	110	98-7867	3	Washer-Adjusting (1.575Mm)
110	98-7858	3	Washer-Adjusting (1.350Mm)	110	98-7868	3	Washer-Adjusting (1.600Mm)
110	98-7859	3	Washer-Adjusting (1.375Mm)	110	98-7869	3	Washer-Adjusting (1.625Mm)
110	98-7860	3	Washer-Adjusting (1.400Mm)	110	98-7870	3	Washer-Adjusting (1.650Mm)
110	98-7861	3	Washer-Adjusting (1.425Mm)	110	98-7871	3	Washer-Adjusting (1.675Mm)
110	98-7862	3	Washer-Adjusting (1.450Mm)	110	98-7872	3	Washer-Adjusting (1.700Mm)
110	98-7863	3	Washer-Adjusting (1.475Mm)	110	98-7873	3	Washer-Adjusting (1.725Mm)
110	98-7864	3	Washer-Adjusting (1.500Mm)	110	98-7874	3	Washer-Adjusting (1.750Mm)



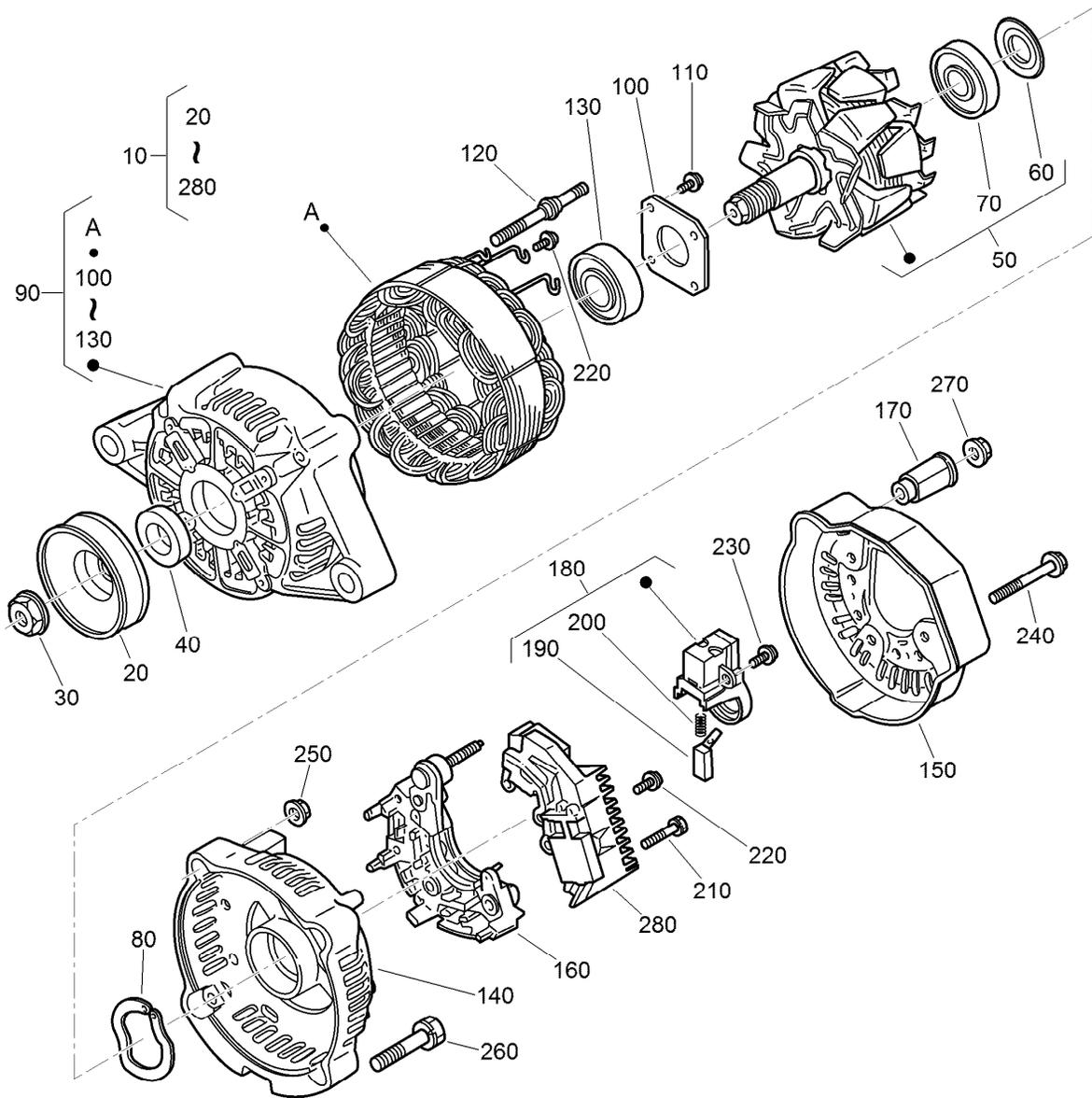
## Nozzle Holder Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
110	98-7875	3	Washer-Adjusting (1.775Mm)	110	98-7880	3	Washer-Adjusting (1.900Mm)
110	98-7876	3	Washer-Adjusting (1.800Mm)	110	98-7881	3	Washer-Adjusting (1.925Mm)
110	98-7877	3	Washer-Adjusting (1.825Mm)	110	98-7882	3	Washer-Adjusting (1.950Mm)
110	98-7878	3	Washer-Adjusting (1.850Mm)	120	98-7676	3	Gasket
110	98-7879	3	Washer-Adjusting (1.875Mm)	130	98-7677	3	Seal-Heat



## Alternator and Pulley Assembly

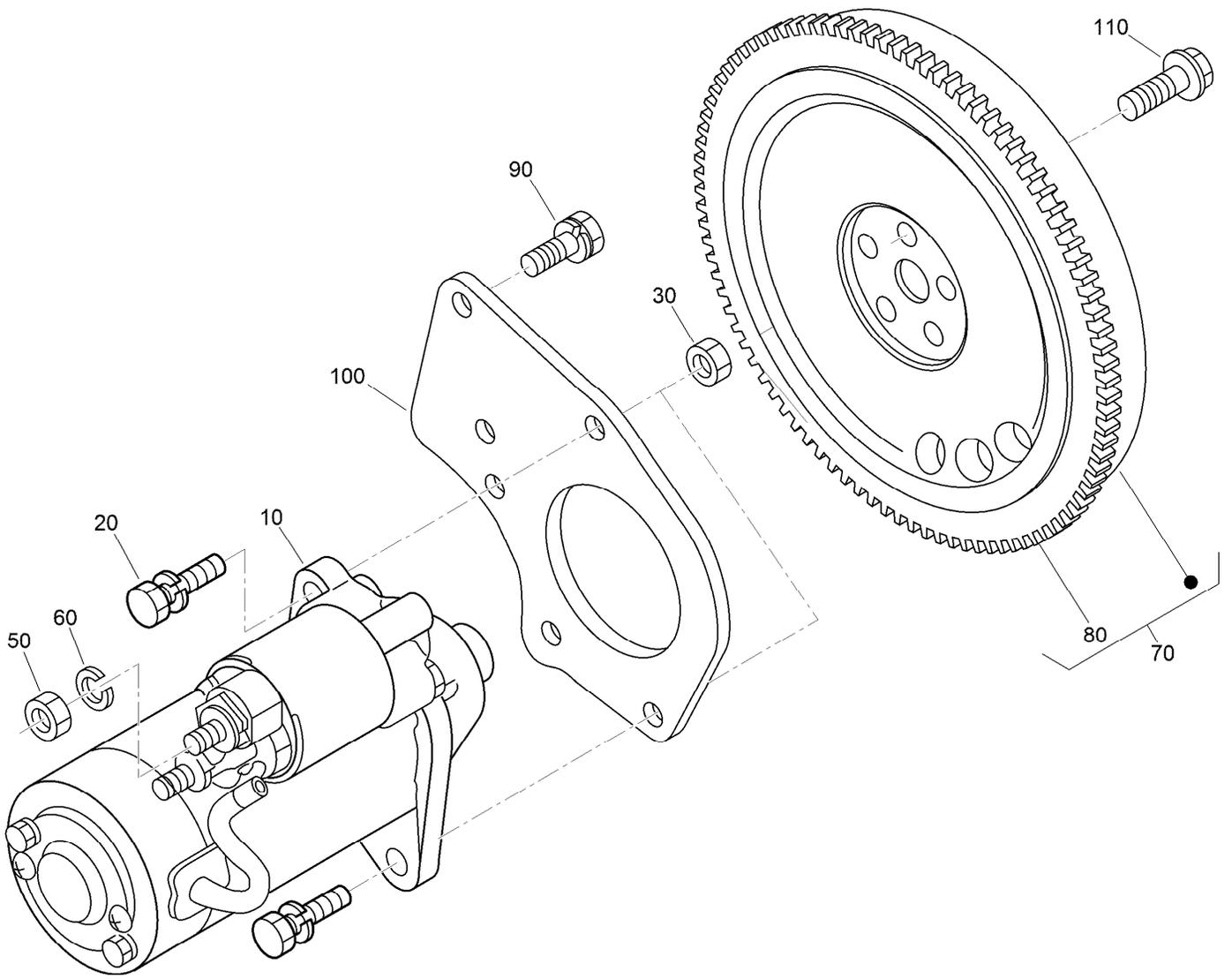
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9474	1	Alternator ASM
20	110-3792	1	Stay-Alternator
30	121-3800	1	Bolt-Sems
40	110-3793	1	Bolt
45	120-5832	1	Washer-Plain
50	110-3794	1	Collar
70	98-7692	2	Bolt
80	110-3795	1	Pulley-Drive, Fan
90	100-1978	1	Bolt
100	100-1921	1	Pulley-Fan
110	110-3796	1	Belt-V
120	110-3797	1	Cover
130	99-8363	4	Bolt-Flange



## Alternator Components 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	133-2811	1	Bearing
140	107-9087	1	Frame-End

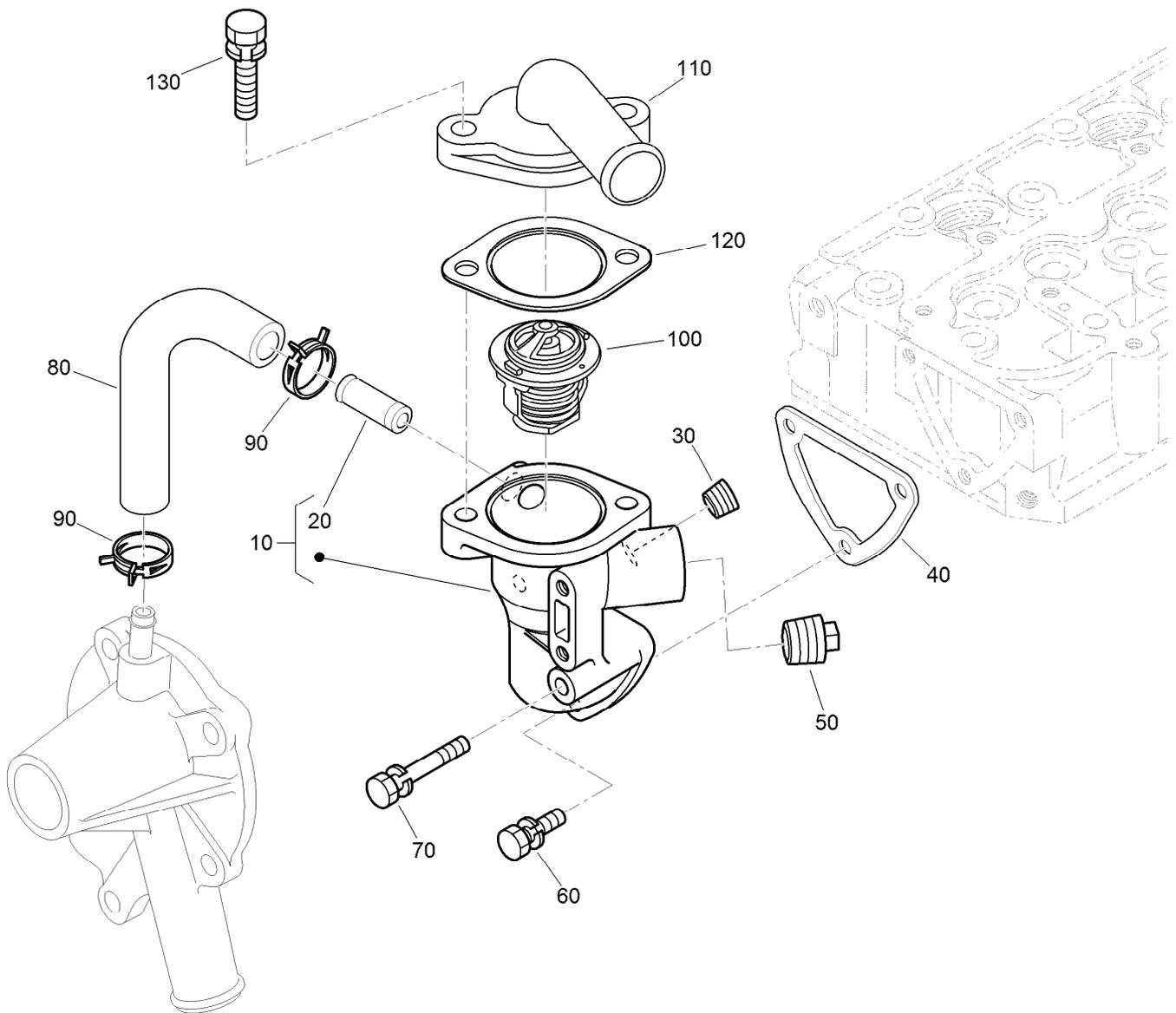
Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	127-1612	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



## Starter and Flywheel Assembly

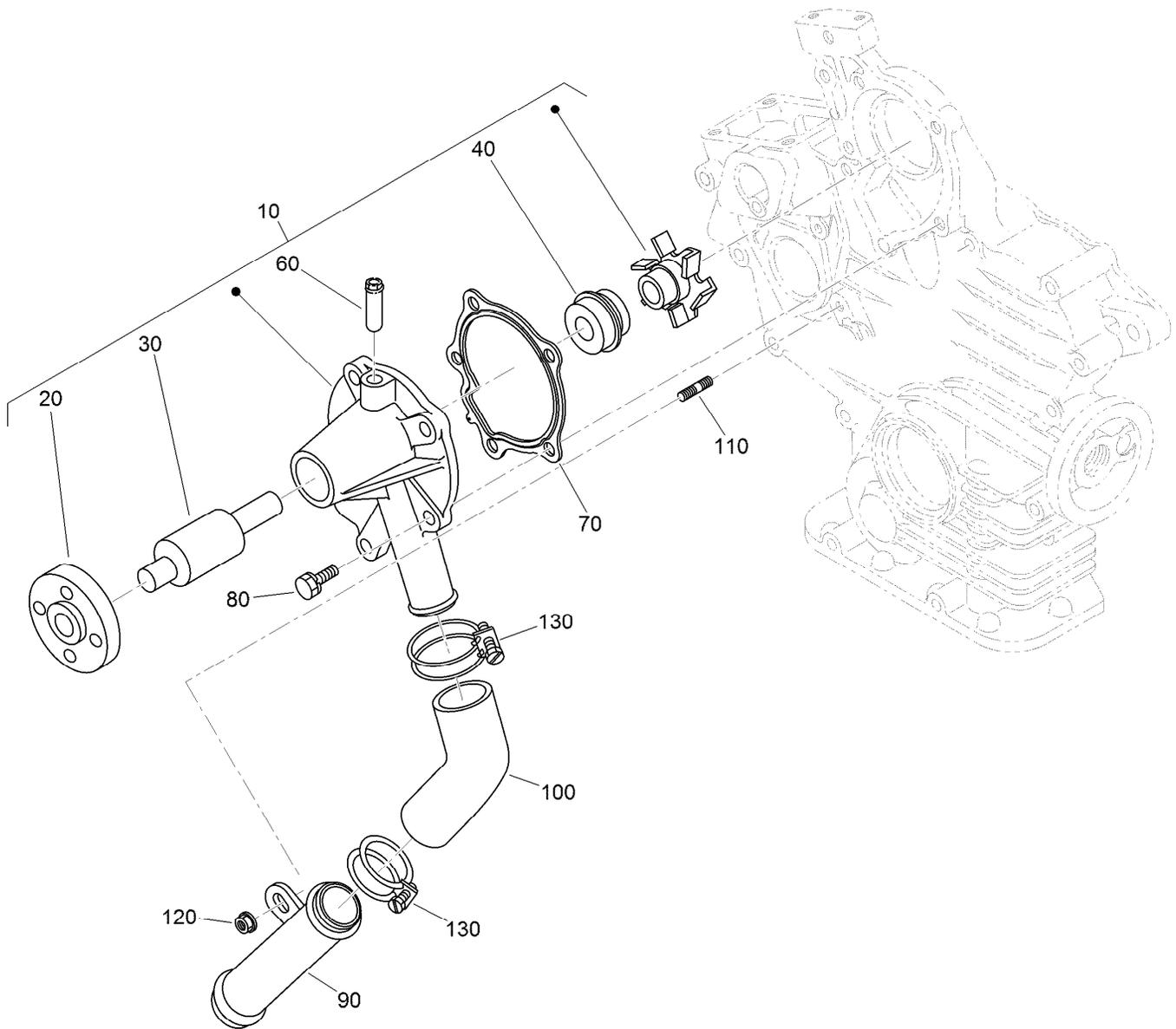
Ref.	Part Number	Qty.	Description
10	110-3800	1	Starter ASM
20	98-7697	2	Bolt
30	98-7534	2	Nut
50	98-7534	1	Nut
60	105-2893	1	Washer-Spring
70	130-1496	1	Flywheel ASM
80	127-1604	1	Gear-Ring
90	100-1930	5	Bolt-Flywheel
100	117-0323	1	Plate-End, Rear
110	110-3754	3	Bolt





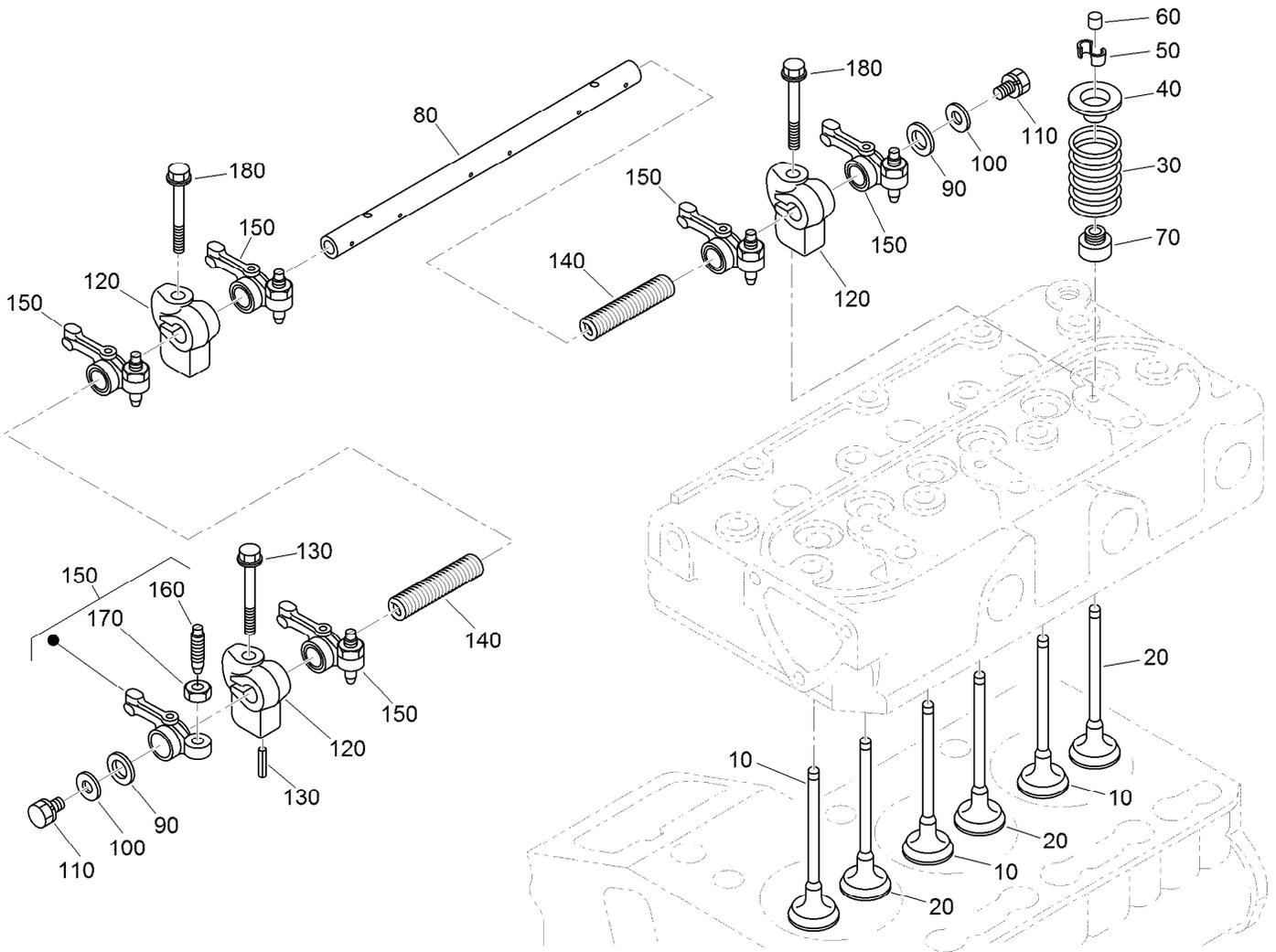
## Water Flange and Thermostat Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	110-3819	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	98-9444	1	Plug
40	110-3820	1	Gasket-Flange, Water
50	110-3821	1	Plug
60	98-7692	2	Bolt
70	125-9063	1	Bolt-Sems
80	110-3822	1	Pipe-Return, Water
90	125-9078	2	Clamp-Hose
100	98-7778	1	Thermostat ASM
110	110-3823	1	Cover-Thermostat
120	105-3748	1	Gasket-Thermostat
130	98-7777	2	Bolt



## Water Pump and Water Pipe Assembly

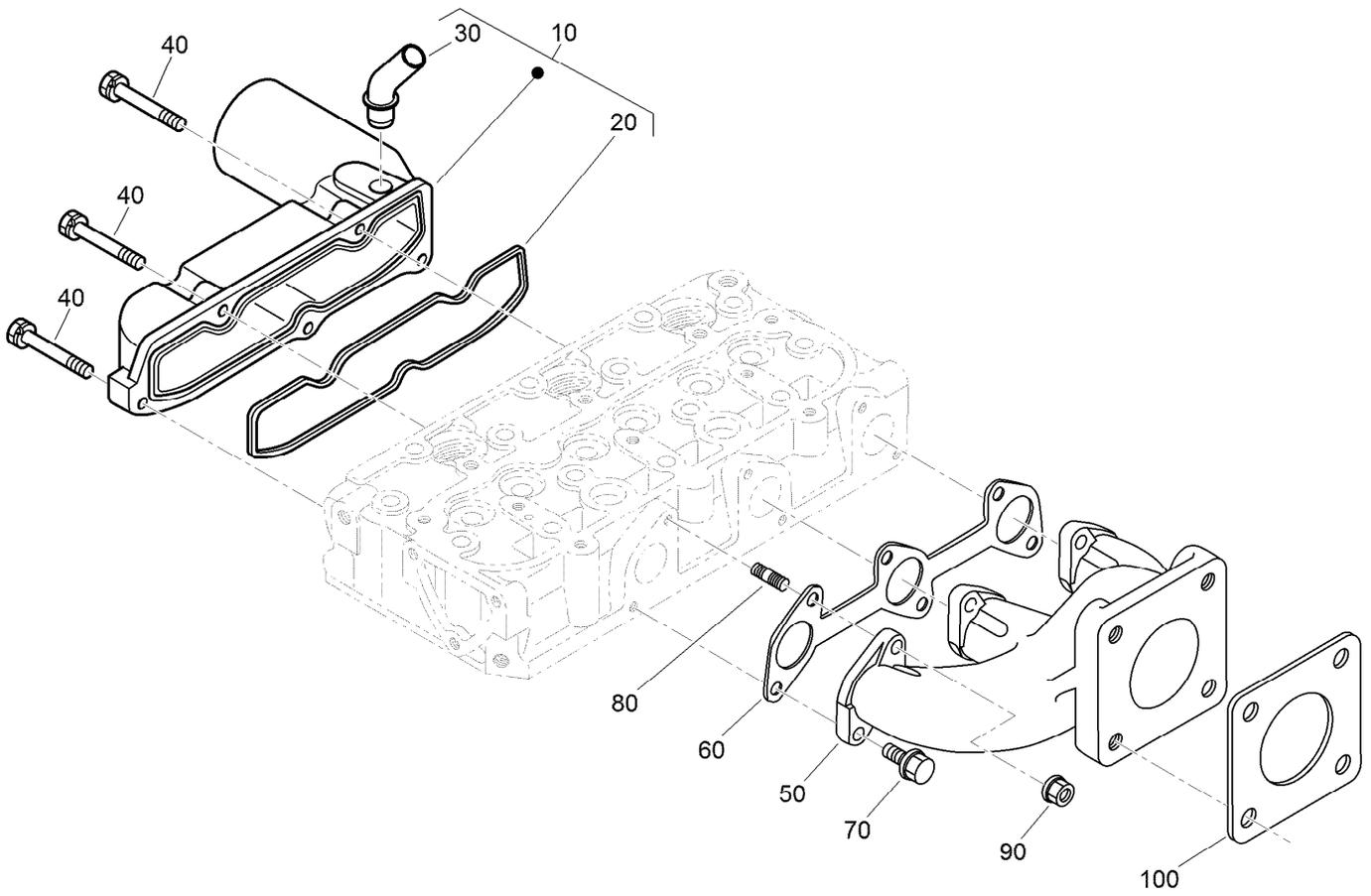
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	110-3824	1	Water Pump ASM
20	125-9081	1	Flange-Pump, Water
30	100-1934	1	Bearing-Ball
40	99-3518	1	Water Pump Seal ASM
60	100-1932	1	Pipe-Return, Water
70	117-0330	1	Gasket-Pump, Water
80	100-1750	4	Bolt
90	100-1918	1	Pipe-Water
100	110-3827	1	Pipe-Water
110	100-1924	1	Stud
120	100-2203	1	Nut-Flange
130	110-3828	2	Band-Pipe



## Valve and Rocker Arm Assembly

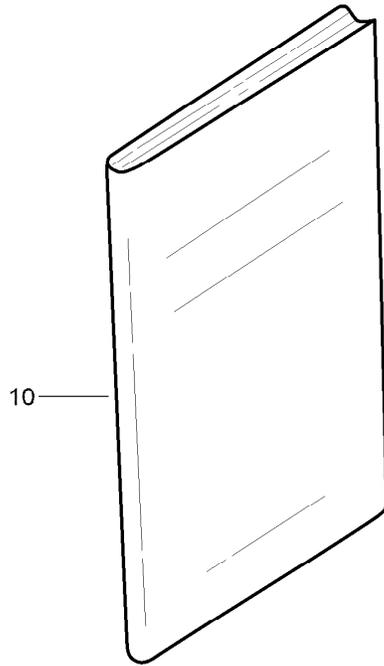
Ref.	Part Number	Qty.	Description
10	112-2514	3	Valve-Inlet
20	112-2515	3	Valve-Exhaust
30	100-1823	6	Spring-Valve
40	100-1825	6	Retainer-Spring, Valve
50	120-3136	6	Collet-Spring, Valve
60	100-2155	6	Cap-Valve
70	100-1797	6	Seal-Stem, Valve
80	112-8341	1	Shaft-Arm, Rocker
90	100-2044	2	Washer

Ref.	Part Number	Qty.	Description
100	110-3832	2	Washer-Plain
110	100-1762	2	Bolt
120	110-3833	3	Bracket-Arm, Rocker
130	98-7602	1	Pin-Spring
140	112-8342	2	Spring
150	100-1884	6	Rocker Arm ASM
160	100-1885	6	Screw-Adjusting
170	100-1827	6	Nut
180	110-3834	3	Bolt-Flange



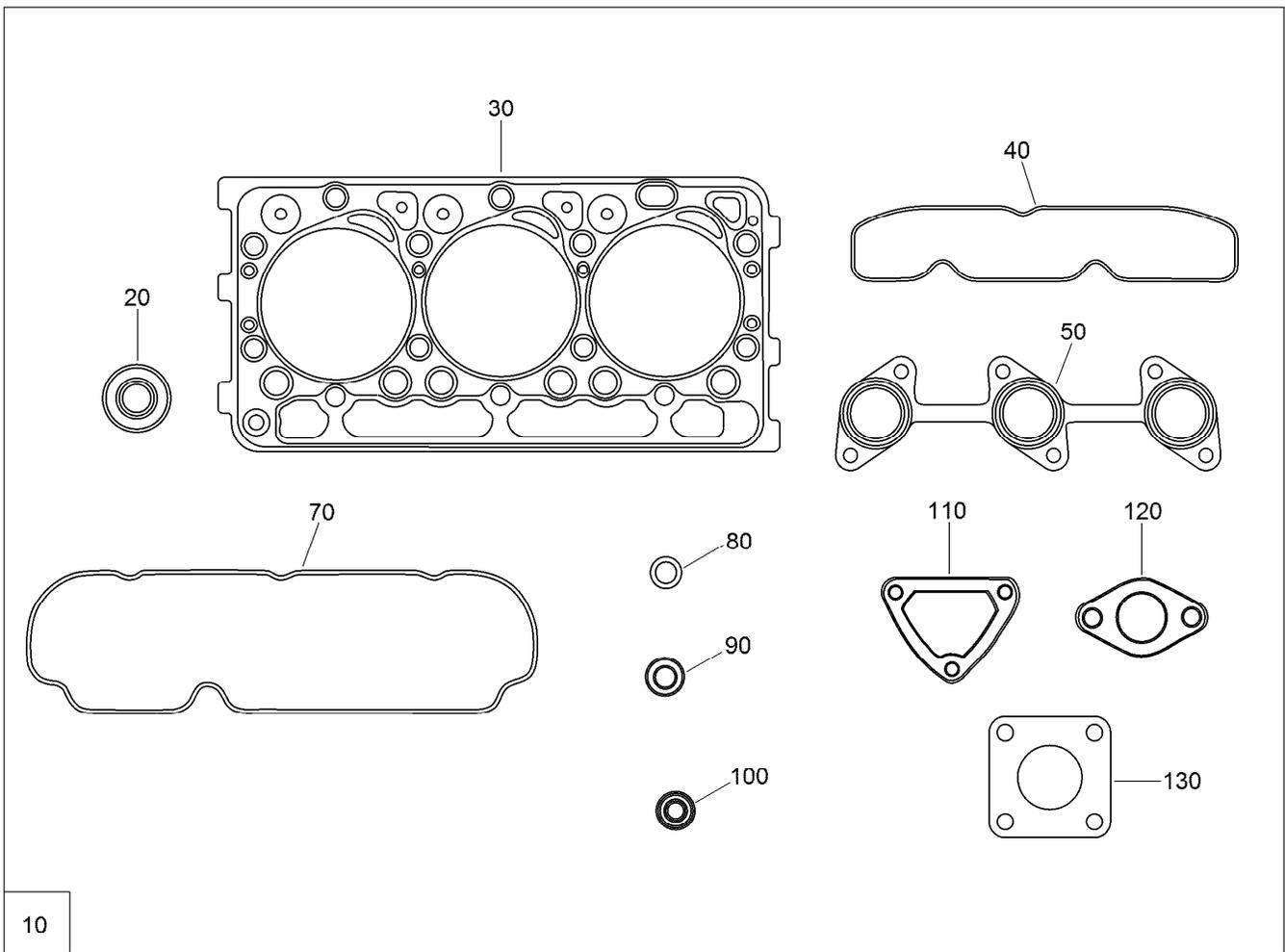
## Inlet and Exhaust Manifold Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	120-3141	1	Intake Manifold ASM
20	110-3838	1	Gasket-Manifold, Intake
30	121-2417	1	Pipe-Breather
40	98-9352	5	Bolt
50	110-3839	1	Manifold-Exhaust
60	110-3840	1	Gasket-Manifold, Exhaust
70	130-1154	3	Screw-Hex HD
80	130-1156	3	Bolt-Stud
90	100-1778	3	Nut
100	99-8343	1	Gasket-Muffler



## Miscellaneous Engine Parts

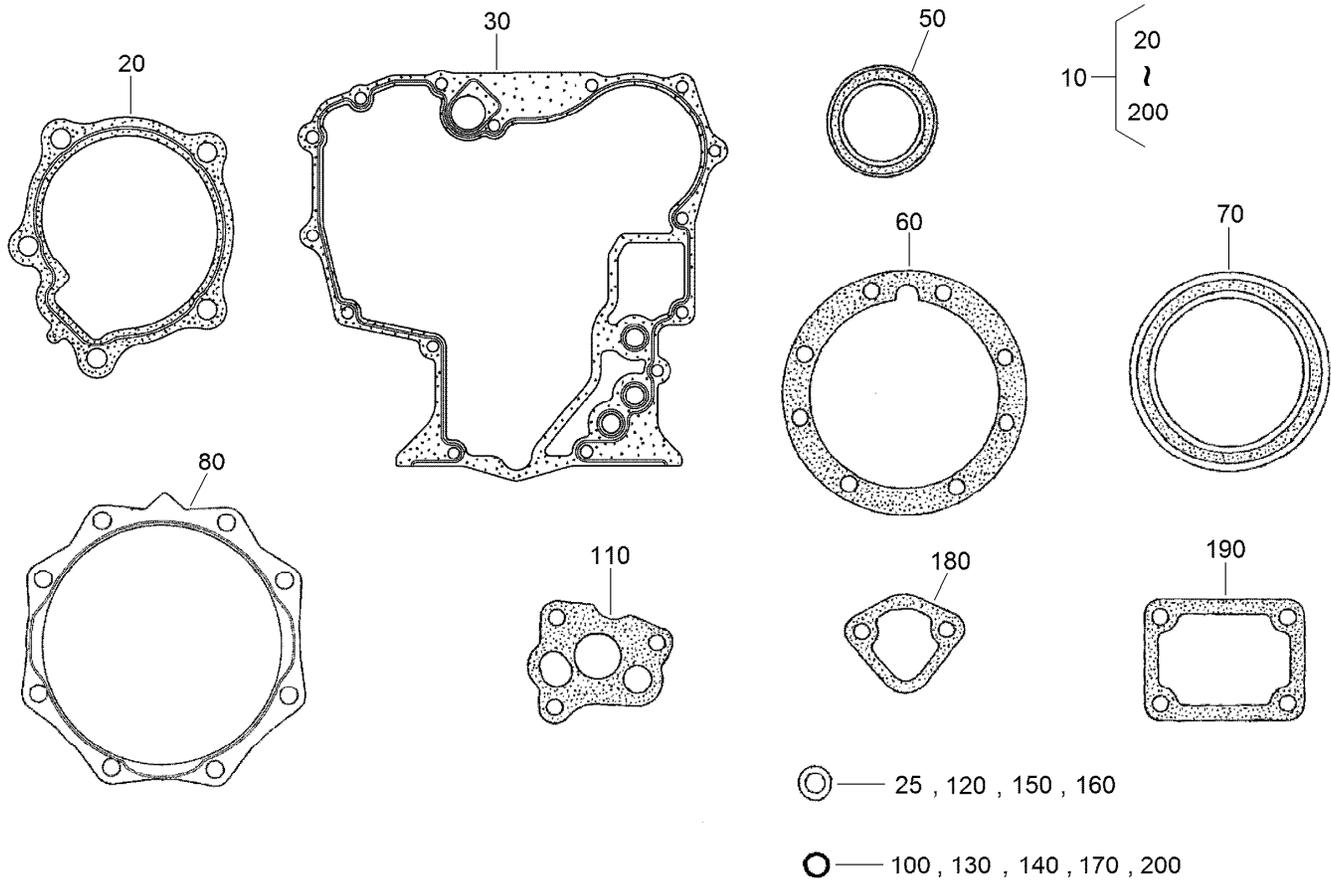
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	130-1513	1	Manual-Operator



10

## Upper Engine Gasket Kit

Ref.	Part Number	Qty.	Description
10	112-2518	1	Upper Gasket Kit
20	100-1797	6	Seal-Stem, Valve
30	112-2520	1	Gasket-Head, Cylinder
40	110-3838	1	Gasket-Manifold, Intake
50	110-3840	1	Gasket-Manifold, Exhaust
70	112-2521	1	Gasket-Cover, Head
80	99-3446	1	O-Ring
90	98-7676	3	Gasket
100	98-7677	3	Seal-Heat
110	110-3820	1	Gasket-Flange, Water
120	105-3748	1	Gasket-Thermostat
130	99-8343	1	Gasket-Muffler



## Lower Engine Gasket Kit

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	117-0331	1	Lower Gasket Kit	120	98-7654	1	Gasket
20	117-0330	1	Gasket-Pump, Water	130	105-3776	1	O-Ring
25	98-7524	1	Gasket	140	100-2207	1	O-Ring
30	117-0327	1	Gasket-Case, Gear	150	98-7654	2	Gasket
50	120-7852	1	Seal-Oil	160	110-9715	1	Gasket-Pan, Oil
60	100-1873	1	Gasket-Case, Bearing	170	100-2208	1	O-Ring
70	110-3724	1	Seal-Oil	180	98-9636	1	Gasket-Pump, Fuel
80	100-1876	1	Gasket-Cover, Case	190	100-1962	1	Gasket-Plate, Control
100	100-2209	1	O-Ring	200	110-3762	1	O-Ring
110	100-2003	1	Gasket-Pump, Oil				

# Attachments and Accessories

## For 72279TE Z Master Professional 7000 Series Riding Mower With 132cm TURBO FORCE Rear Discharge Mower

<b>Product Name</b>	<b>Model/Part</b>
TÜV Kit - Speed Decal 20kph .....	02980
TÜV Kit - German Vehicle Serial Plate .....	02983
1.25in Spark Arrester Kit .....	105-1672
Light Kit .....	107-9880
Fuse-In Line .....	111-5101
Z593 Musterbericht .....	111-5135
TÜV Kit Instructions .....	111-5244
TÜV Kit Instructions .....	111-5911
Z593 Manufacturers Certificate .....	111-5967
Hypr-Oil 500 (quart) .....	114-4713
Hypr-Oil 500 (gallon) .....	114-4714
Hypr-Oil 500-5 (5 gallon) .....	114-4715
Bimini Folding Shade Assembly .....	115-4510
Seat Cover W/arm rest .....	117-0095
ROPS Pin Kit .....	126-1339
Blade-18.00 High Flow .....	140-1242
Blade-18.00 Medium Flow .....	140-4856
Blade-18.00 Low Flow .....	140-4857
Blade-18.00 Atomic .....	140-4858
Blade-18.00 Recycler .....	140-4859
6 Pack-Blade, 18.00 High Flow .....	140-4882
6 Pack-Blade, 18.00 Med Flow .....	140-4883
6 Pack-Blade, 18.00 Low Flow .....	140-4884
6 Pack-Blade, 18.00 Atomic .....	140-4885
6 Pack-Blade, 18.00 Recycler .....	140-4886
Filter Minder Gauge .....	99-4664
Hitch Kit .....	99-8925

**Notes:**



**Count on it.**