Form No. 3383-199 Rev A

TORO®

Count on it.

Parts Catalog

Z Master® Professional 7000 Series Riding Mower

With 52 TURBO FORCE® Rear Discharge Mower

Model No. 74279TE—Serial No. 314000001 and Up

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

CE

3383-199 A

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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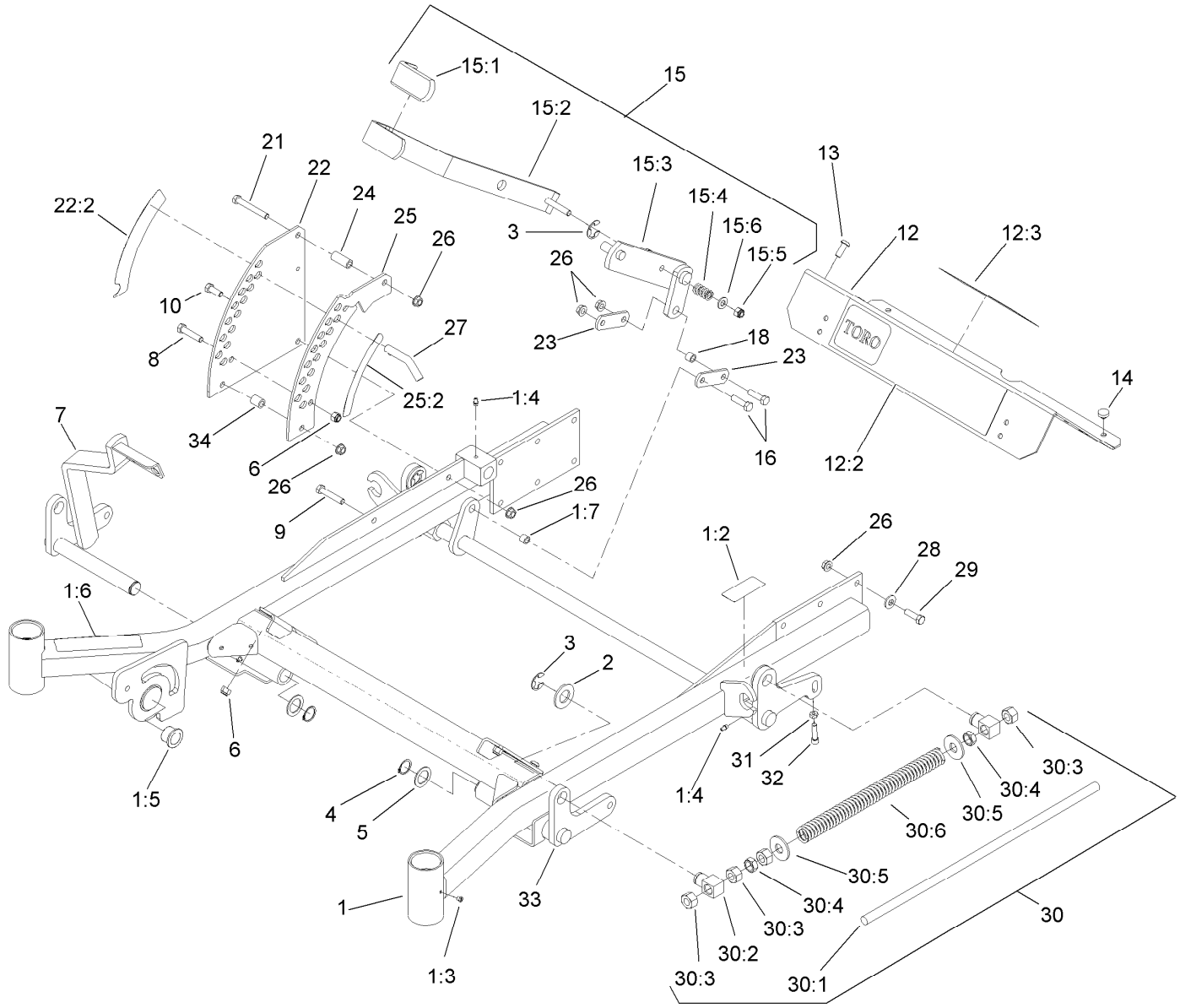
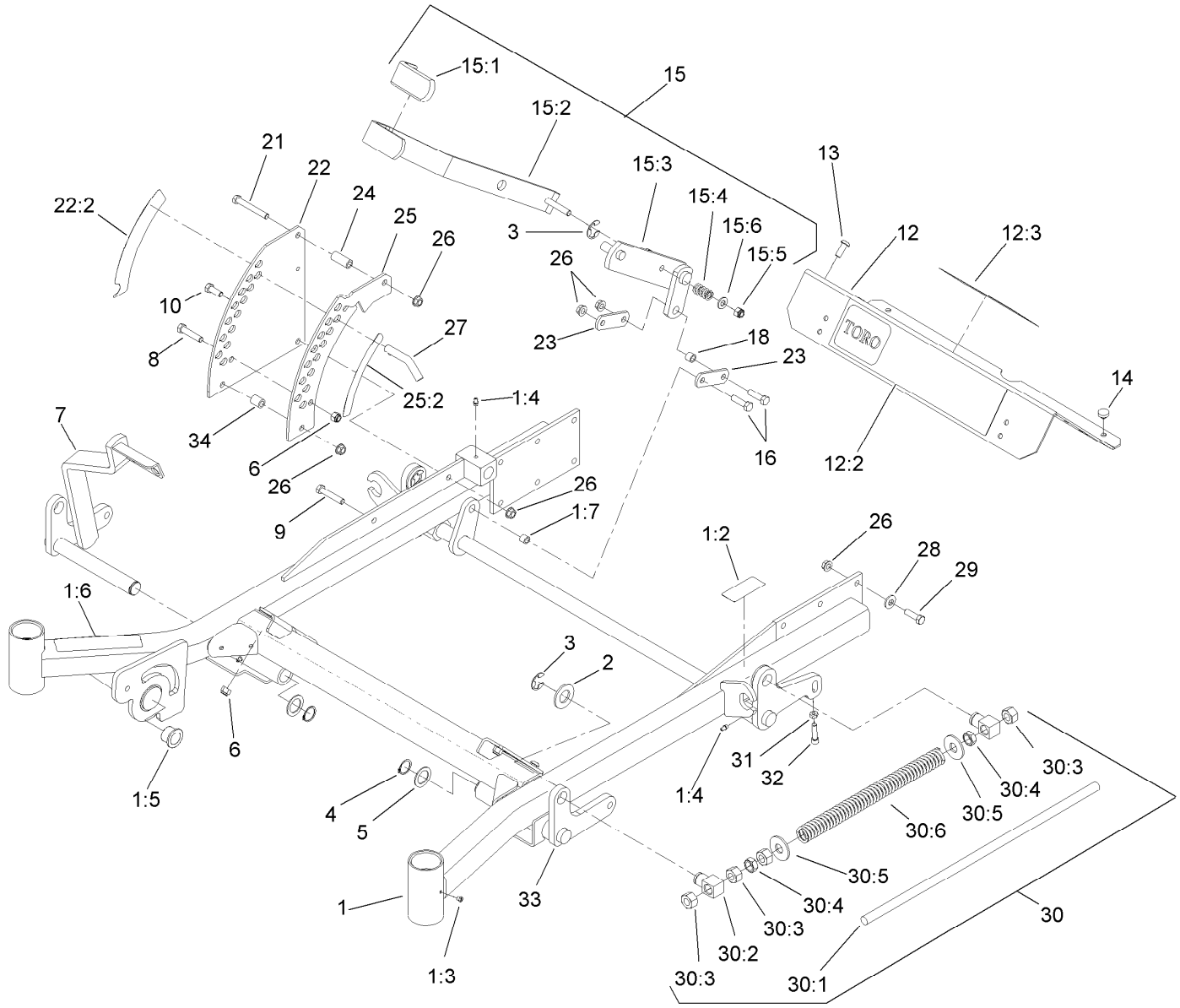


Front Frame Assembly

Ref.	Part Number	Qty.	Description
1	110-0800	1	Frame ASM
1:2	107-3968	1	Decal-Brake, Parking
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:5	94-1291	2	Bushing
1:6	107-3969	1	Decal-Warning
1:7	103-1918	1	Bushing
2	3256-29	4	Washer-Flat
3	32151-103	5	Ring-Retaining, EXT
4	32151-29	2	Ring-Retaining
5	1-523157	2	Washer-Spacer
6	3296-39	5	Nut-Lock, NI
7	108-7786-01	1	Lift-Deck, RH Front
8	323-9	1	Screw-HH
9	323-10	1	Screw-HH
10	323-6	1	Screw-HH
12	107-3976	1	Footrest
12:2	121-7558	1	Decal

Ref.	Part Number	Qty.	Description
12:3	107-1866	1	Decal-Danger, Slope
13	3274-94	4	Screw-HSBH
14	1-513658	2	Bumper
15	110-5860	1	Deck Lift Handle ASM
15:1	1-633295	1	Grip-Lever, Lift
15:2	103-2083-03	1	Lever-Lift
15:3	103-2064-03	1	Arm-Lift, Deck
15:4	1-633325	1	Spring-Compression
15:5	3296-39	1	Nut-Lock, NI
15:6	3256-24	1	Washer-Flat
16	323-29	2	Screw-HH
18	103-1918	1	Bushing
21	323-11	1	Screw-HH
22	117-0367	1	Plate-HOC, Outer
22:2	107-3961	1	Decal-Height, Deck
23	1-633068	2	Arm-Lift, Deck
24	1-633082	1	Bushing-Lever, Lift
25	117-0370	1	Plate-HOC, Inner

● Not serviced separately

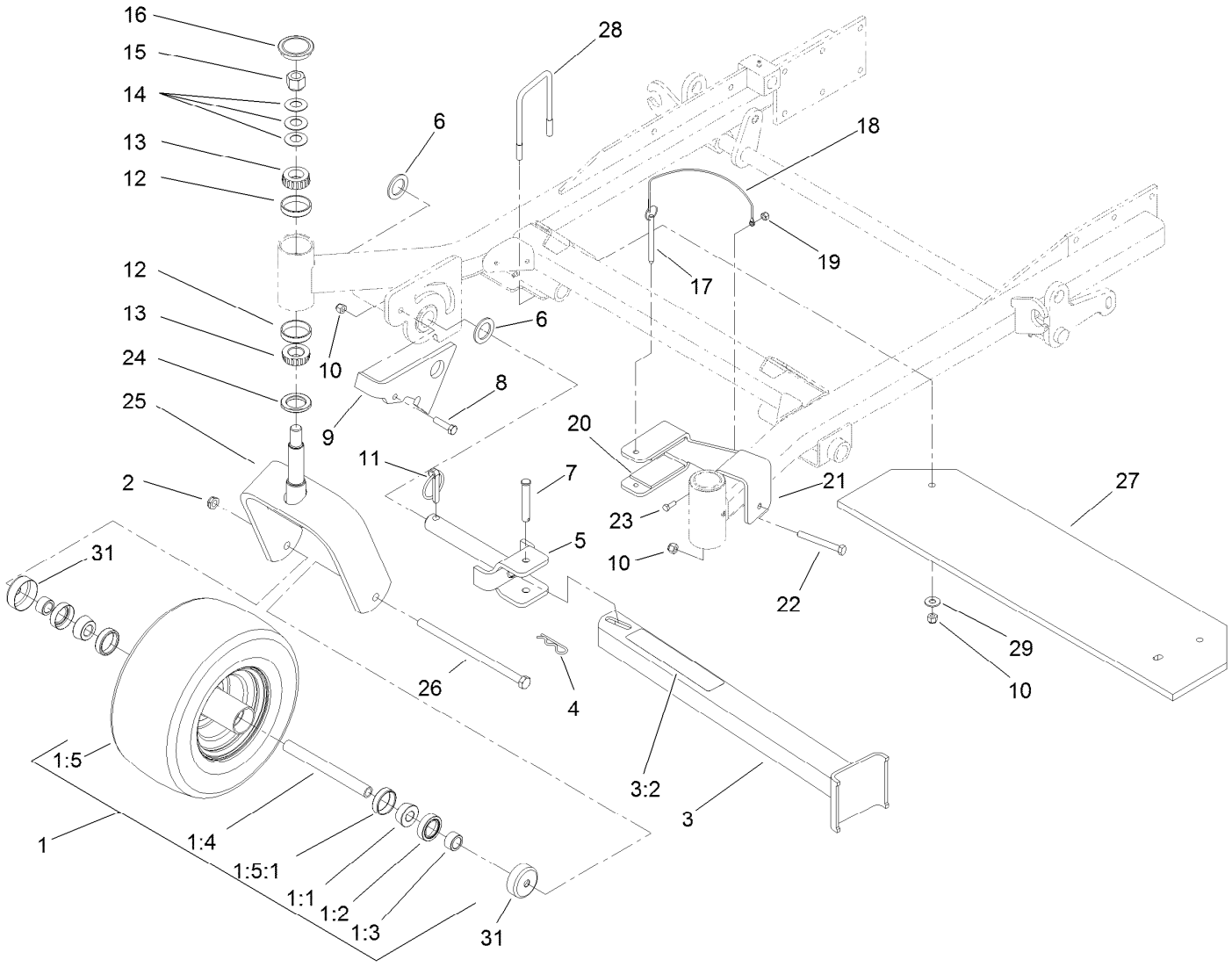


Front Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
25:2	107-3962	1	Decal-Height, Deck
26	3290-357	17	Nut-HHF, Whiz
27	109-8757	1	Pin-HOC
28	98-5975	12	Washer-Belleville
29	323-7	12	Screw-HH
30		2	Front Frame Spring ASM ●
30:1	1-633096	1	Rod-Lift, Deck
30:2	1-633441	2	Swivel-Deck Mount, Rear

Ref.	Part Number	Qty.	Description
30:3	3217-11	4	Nut-Hex
30:4	3218-6	2	Nut-Jam
30:5	3256-7	2	Washer-Flat
30:6	1-633064	1	Spring-Support, Deck
31	3218-2	2	Nut-Jam
32	3274-18	2	Screw-HSH
33	106-8984-01	1	Lift-Deck, LH
34	1-633080	1	Bushing-Lever, Lift

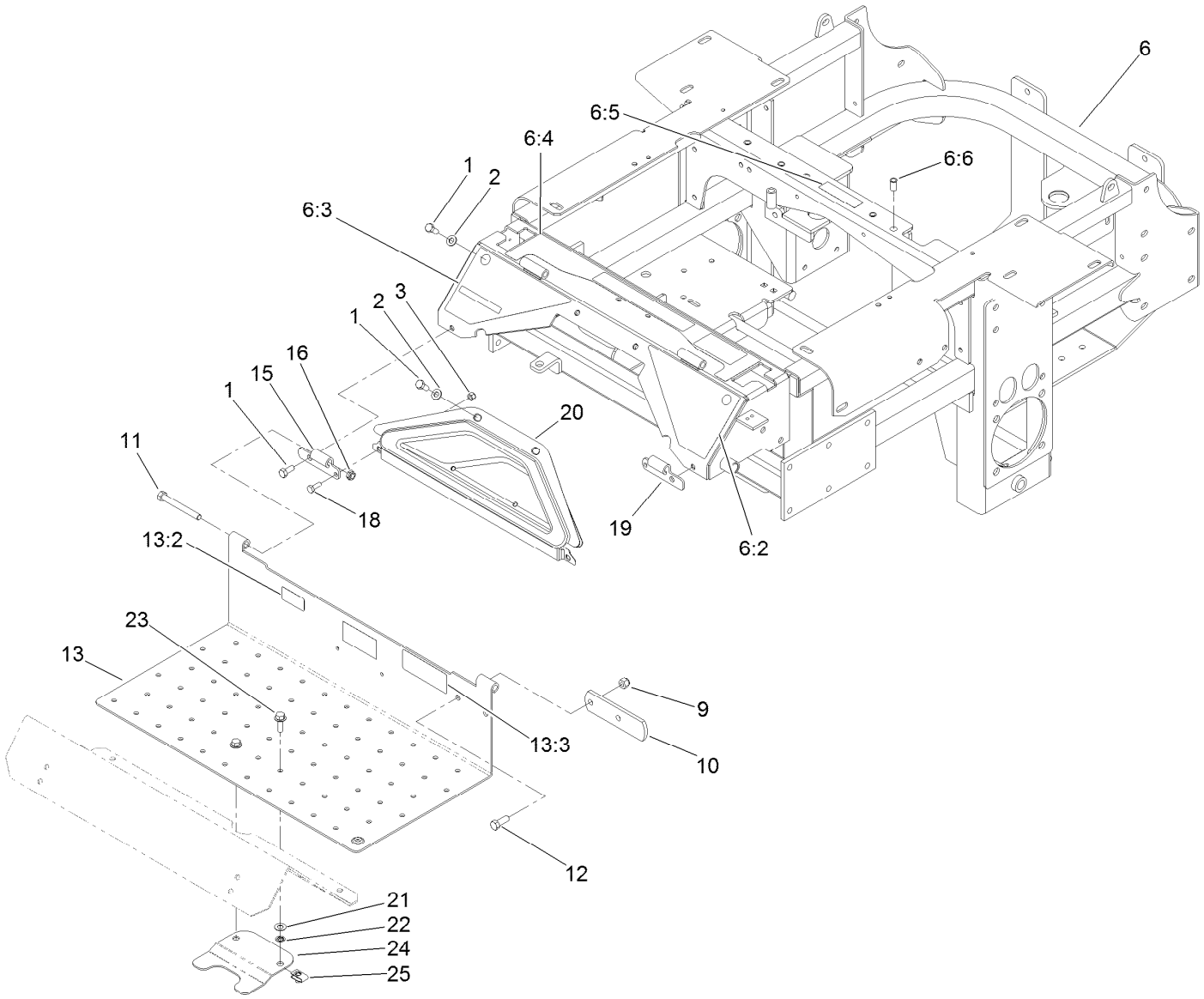
● Not serviced separately



Fork, Caster Wheel and Z Stand Assembly

Ref.	Part Number	Qty.	Description
1	109-9125	2	Wheel And Tire ASM
1:1	1-633585	2	Bearing-Cone, Taper
1:2	103-0063	2	Seal-Caster
1:3	103-3051	2	Spacer-Nut ■
1:4	103-5156	1	Axle-Caster
1:5		1	Wheel And Tire ASM ●
1:5:1	1-633584	1	Bearing-Cup
2	3296-23	2	Nut-Lock, NI
3	107-1874	1	Leg ASM
3:2	106-7464	1	Decal-Z Stand
4	3290-355	1	Pin-Hair
5	100-9692-01	1	Pin-Pivot
6	3-6781	2	Washer-Thrust
7	283-55	1	Pin-Clevis
8	323-8	1	Screw-HH
9	100-9686-01	1	Bracket-Latch
10	3296-39	6	Nut-Lock, NI
11	283-71	1	Pin-Lynch
12	254-72	4	Bearing-Cup, Tapered
13	254-94	4	Bearing-Cone, Tapered
14	1-633508	6	Washer-Bellville
15	3296-51	2	Nut-Lock, NI
16	103-4882	2	Cap-Grease
17	105-1647	1	Pin-Hitch, Cotterless
18	100-9385	1	Lanyard-Nylon
19	3296-42	1	Nut-Lock, NI
20	100-6547	2	Cushion-Rubber
21	100-6542-01	1	Bracket-Cradle
22	323-20	1	Screw-HH
23	321-4	1	Screw-HH
24	116-5647	2	Seal-Grease
25	116-6705-01	2	Caster
26	325-24	2	Screw-HH
27	107-9874-01	1	Weight
28	110-0817	2	U-Bolt, 3In
29	3256-4	4	Washer-Flat
31	103-2768	4	Guard-Seal

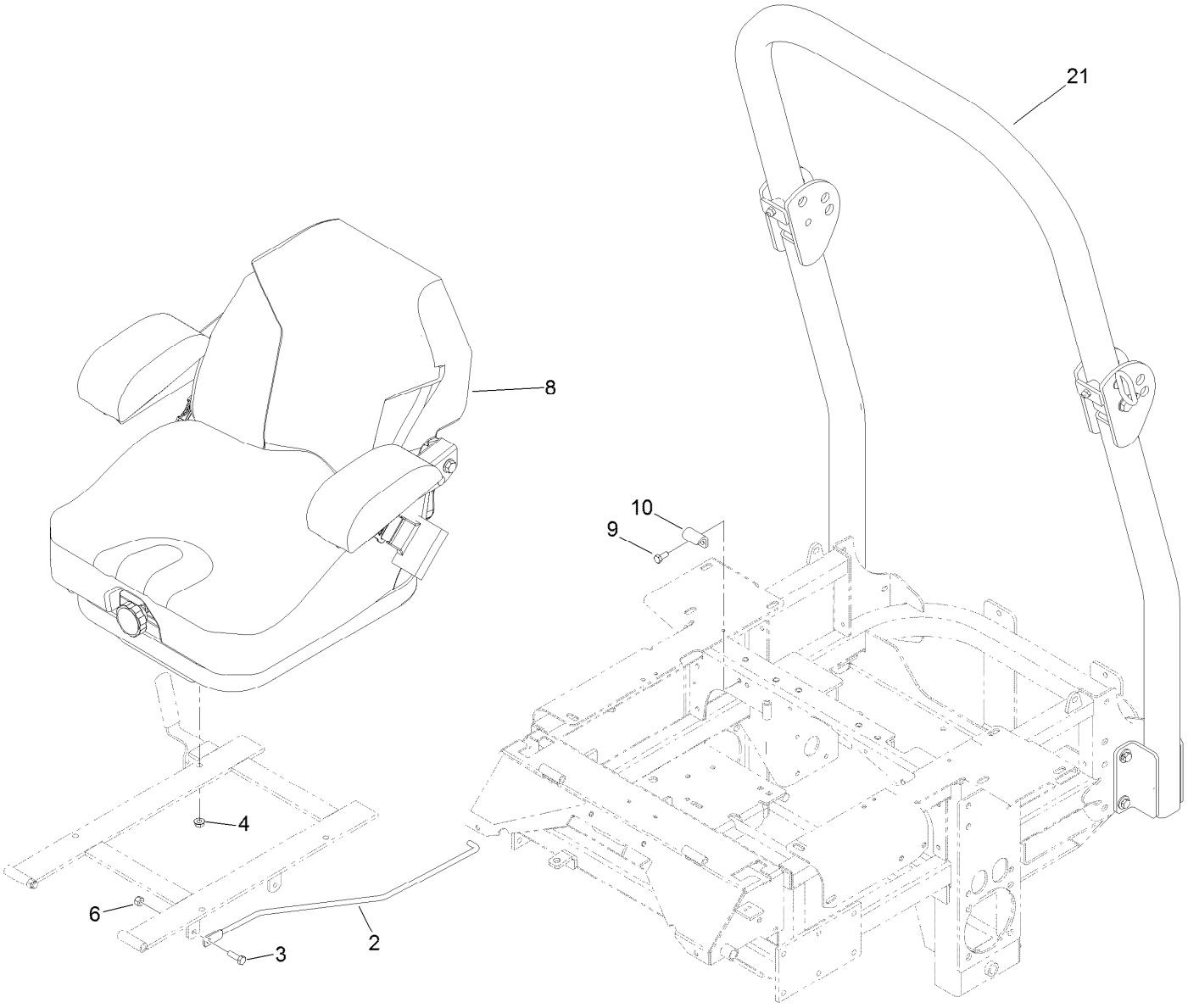
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Traction Frame and Floor Pan Assembly

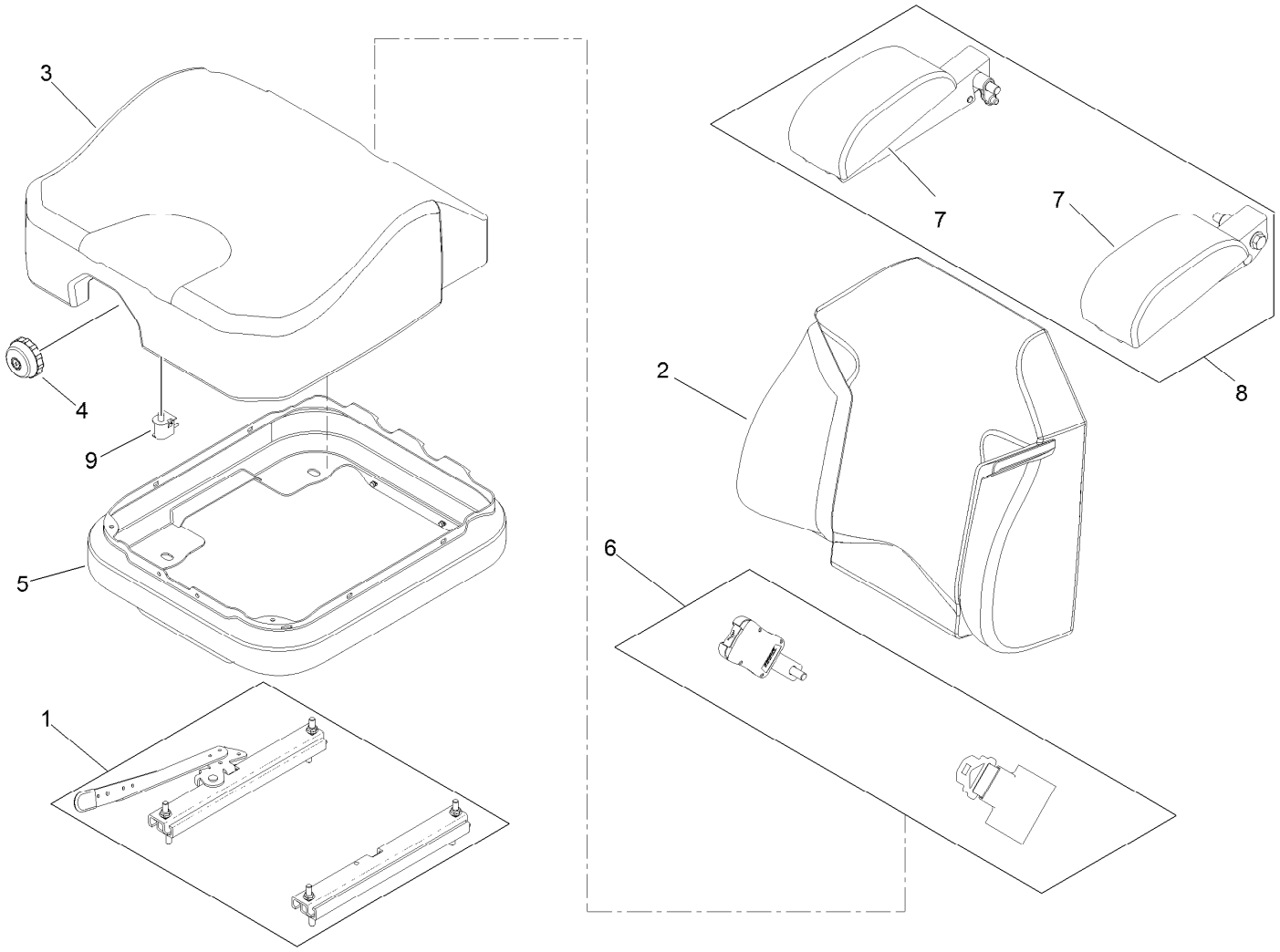
Ref.	Part Number	Qty.	Description
1	322-43	6	Screw-HH
2	3256-70	4	Washer-Flat
3	3296-42	2	Nut-Lock, NI
6	115-2757	1	Traction Frame ASM
6:2	107-3963	1	Decal-Danger, Left
6:3	107-3964	1	Decal-Warning, Right
6:4	110-0820	1	Decal-Console, Top (Ce)
6:5	98-1977	1	Decal-Warning
6:6	32148-11	5	Insert-Threaded
9	3296-39	2	Nut-Lock, NI
10	1-633964-03	1	Stop-Brake, Park
11	323-20	2	Screw-HH
12	323-6	2	Screw-HH

Ref.	Part Number	Qty.	Description
13	115-3851	1	Floor Pan ASM
13:2	98-4387	1	Decal-Protection, Ear
13:3	121-7559	1	Decal-Diesel, Bio-Ready
15	106-7488-03	1	Hinge-Floorpan, LH
16	3296-59	2	Nut-Lock, NI
18	321-4	2	Screw-HH
19	106-7489-03	1	Hinge-Floorpan, RH
20	106-7498	1	Pocket
21	73-0041	2	Washer-Thrust
22	117-2749	2	Nut-Push
23	3234-29	2	Screw-HHF
24	119-0395-03	1	Adapter-Captive
25	94-2413	2	U-Nut



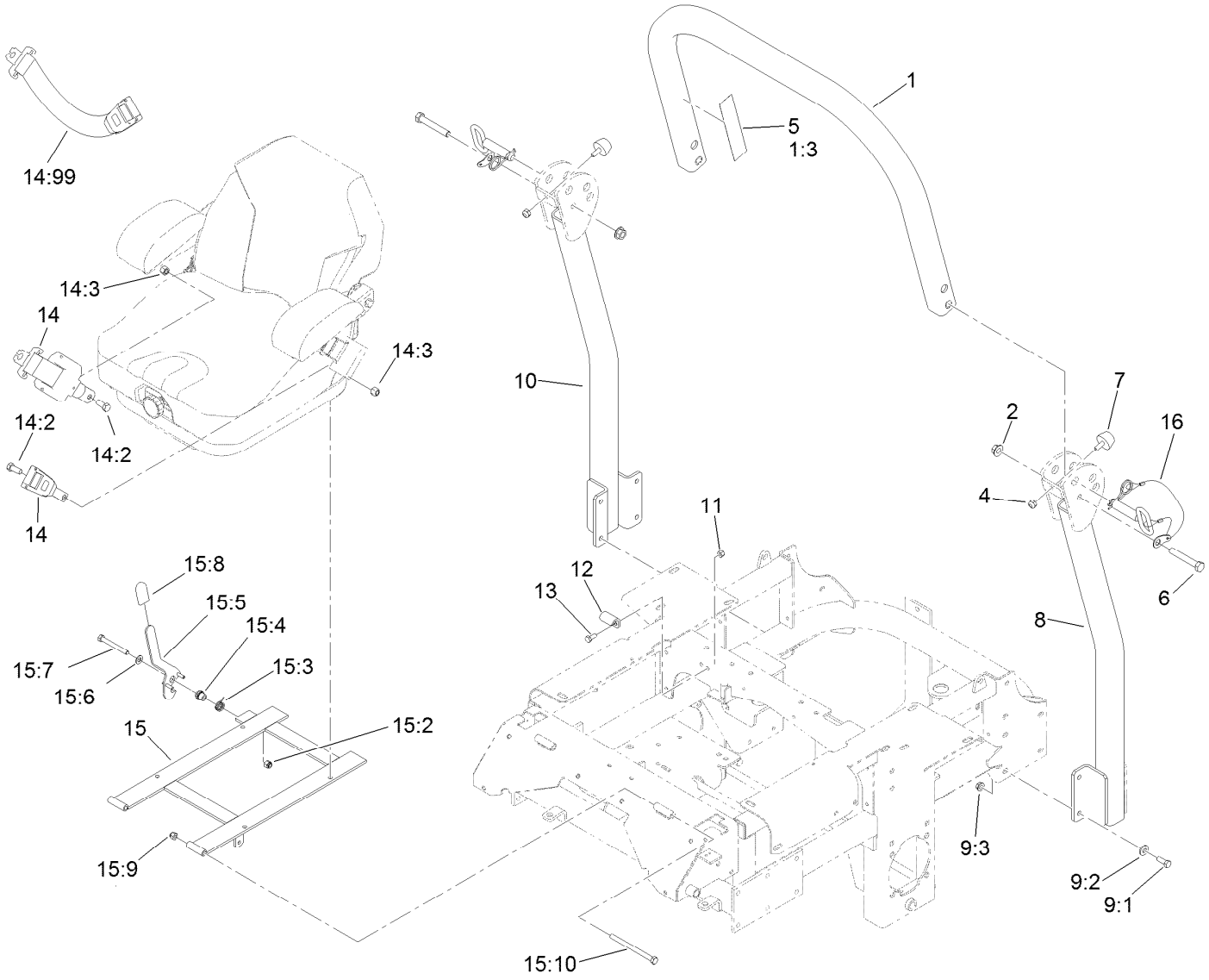
Seat and Roll-Over Protection System Assembly

Ref.	*Part Number*	*Qty.*	*Description*
2	108-5341	1	Rod-Prop, Seat
3	322-5	1	Screw-HH
4	32128-20	4	Nut-HF
6	3296-29	3	Nut-Lock, NI
8	125-3107	1	Suspension Seat ASM
9	322-3	2	Screw-HH
10	107-3058	1	Catch-Latch, Seat
21	110-0877	1	ROPS Kit



Seat Assembly No. 125-3107

Ref.	*Part Number*	*Qty.*	*Description*
1	116-8910	1	Seat Track Set
2	125-3112	1	Cover-Back
3	125-3111	1	Cover-Cushion
4	116-8911	1	Knob-Adjuster
5	116-5659	1	Cover-Suspension Bellows
6	109-9805	1	Seat Belt Kit
7	109-9802	1	Arm Rest Pad Set
8	109-9803	1	Arm Rest Set
9	82-2190	1	Switch-Bail

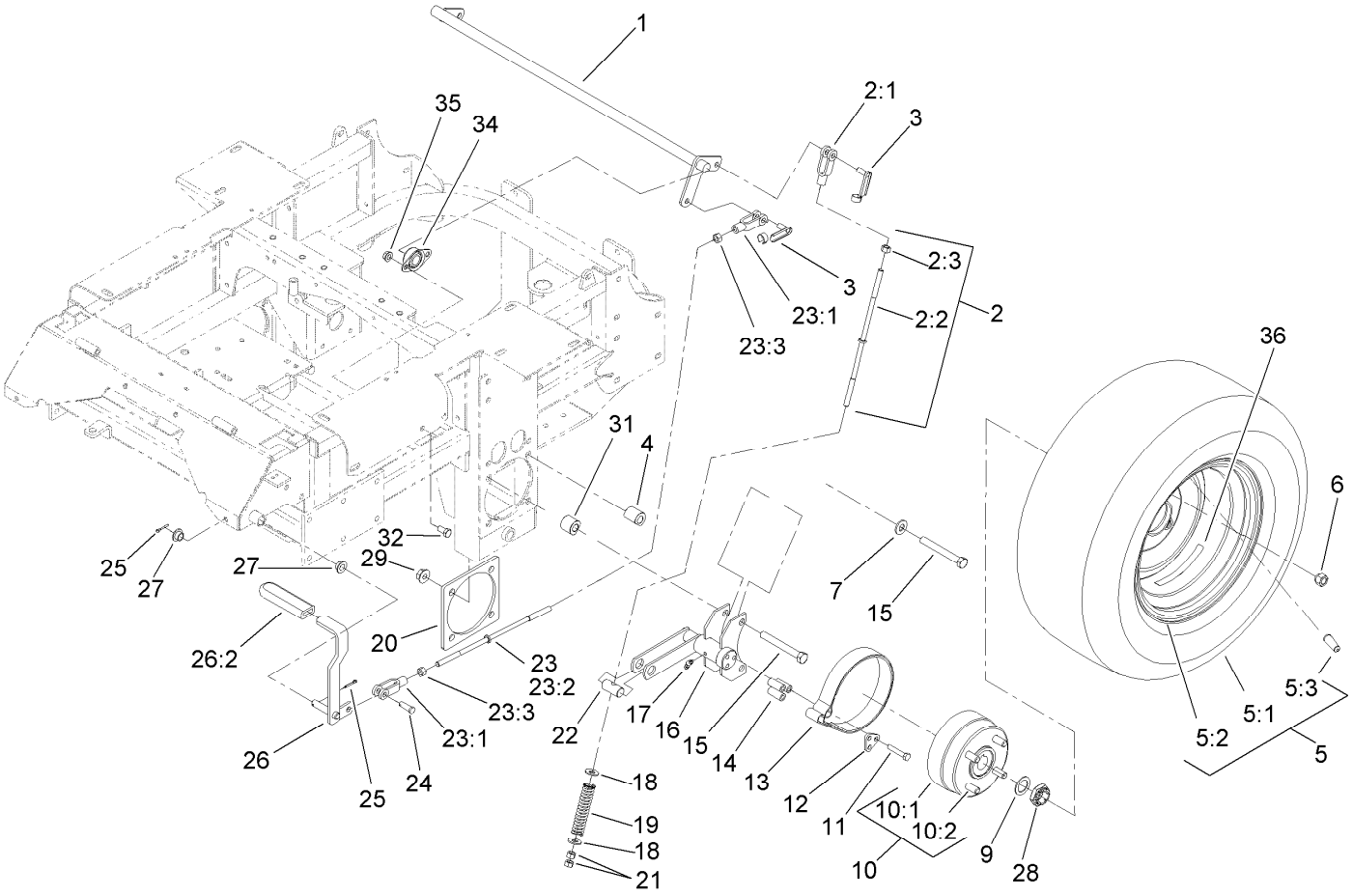


Roll-Over Protection System Assembly No. 110-0877

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

● Not illustrated

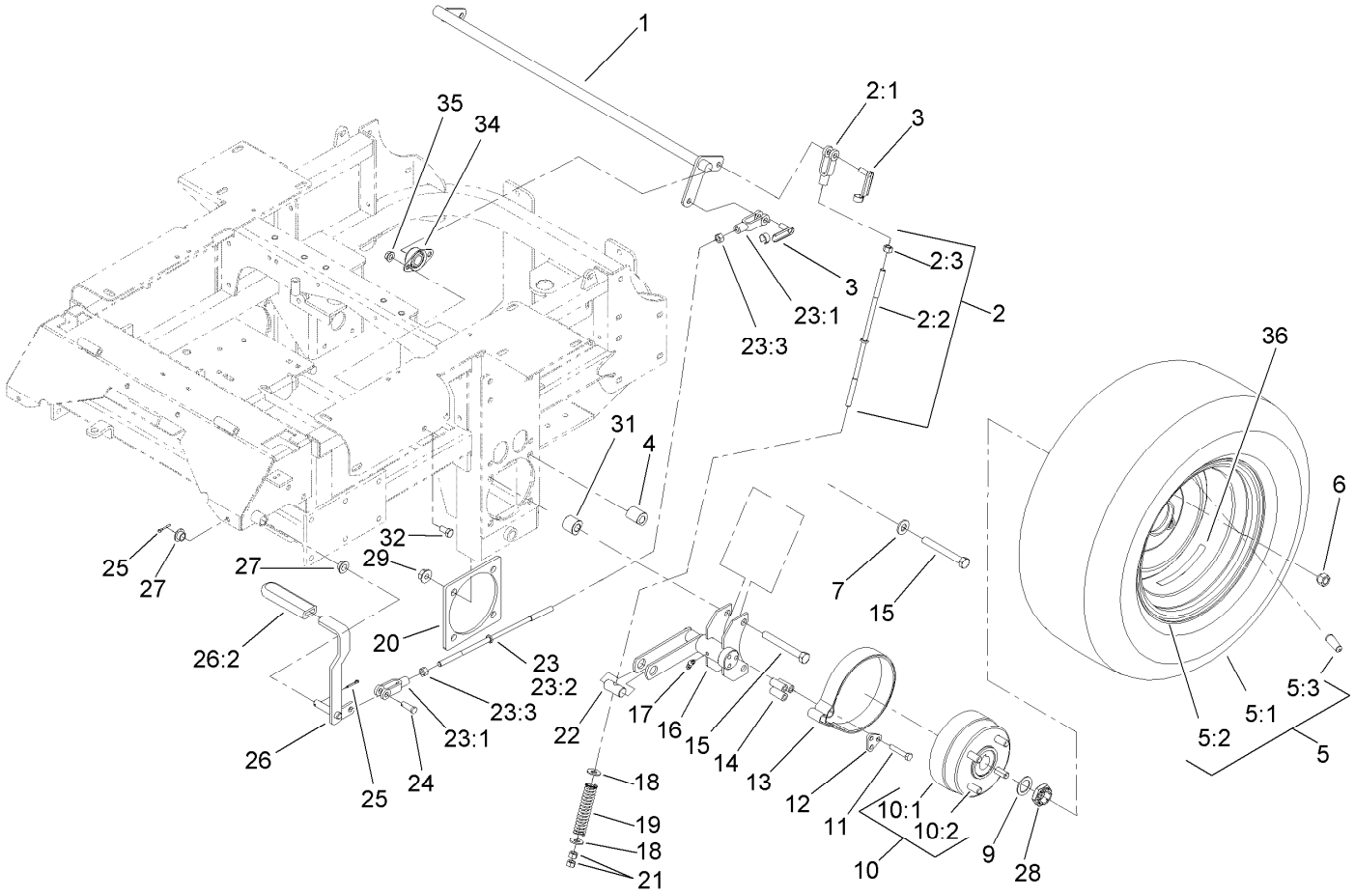
■ Not serviced separately



Main Frame and Rear Wheel Assembly

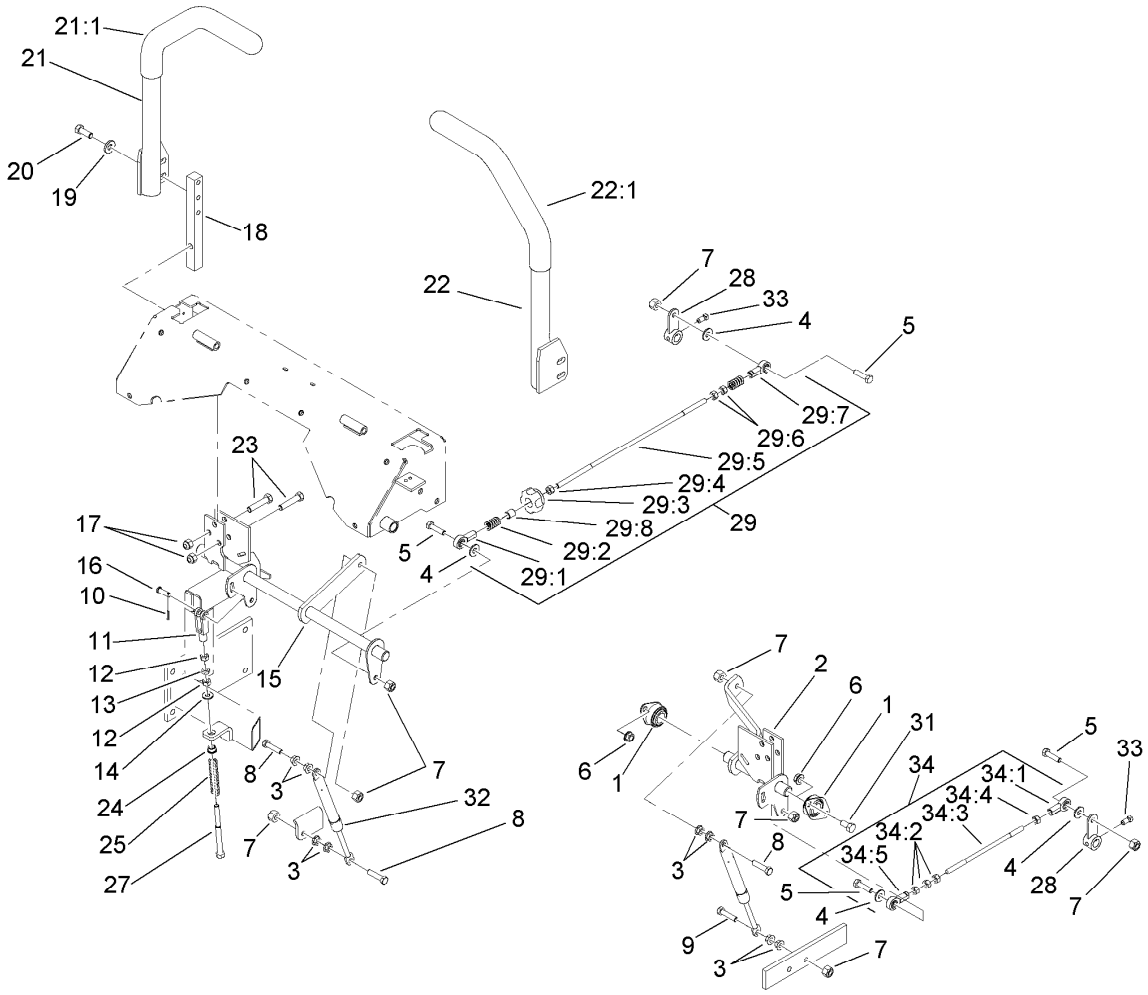
Ref.	Part Number	Qty.	Description
1	1-632217-03	1	Shaft-Brake
2	108-5963	2	Brake Rod ASM
2:1	1-633131	1	Yoke-Linkage, Brake
2:2	108-5980	1	Rod-Brake
2:3	3219-3	1	Nut-Hex
3	103-2399	3	Pin-Spring, Clevis
4	114-1185	4	Spacer-Wheel, Long
5	1-653010	2	Wheel And Tire ASM
5:1	1-653160	1	Tire
5:2	1-653158	1	Wheel
5:3	232-27	1	Stem-Valve
6	242-50	8	Nut-Lug
7	87-7270	4	Washer-Thrust
9	1-523157	2	Washer-Spacer
10	103-0590	2	Hub And Wheel ASM
10:1	103-0589	1	Wheel Hub ASM
10:2	1-633926	4	Stud-Wheel
11	322-9	6	Screw-HH
12	103-0374	2	Retainer-Band, Brake
13	103-0355	2	Band-Brake
14	103-0384	6	Spacer

Ref.	Part Number	Qty.	Description
15	325-18	8	Screw-HH
16	103-0352-03	2	Bracket-Brake
17	1481	2	Fitting-Grease
18	3256-4	4	Washer-Flat
19	1-633454	2	Spring-Brake
20	103-3271-03	2	Plate-Reinforcement
21	3219-3	4	Nut-Hex
22	1-633144	2	Pin-Trunion
23	108-5962	1	Brake Rod ASM
23:1	1-633131	2	Yoke-Linkage, Brake
23:2	1-633477	1	Rod-Brake
23:3	3219-3	2	Nut-Hex
24	1-808285	1	Pin-Clevis
25	3272-10	2	Pin-Cotter
26	1-634500	1	Brake Lever ASM
26:2	1-633268	1	Grip-Lever
27	1-513140	2	Bearing-Control
28	116-1399	2	Locknut
29	32128-49	8	Nut-HHF
31	114-1184	4	Spacer-Wheel, Short
32	323-4	4	Screw-HH



Main Frame and Rear Wheel Assembly (continued)

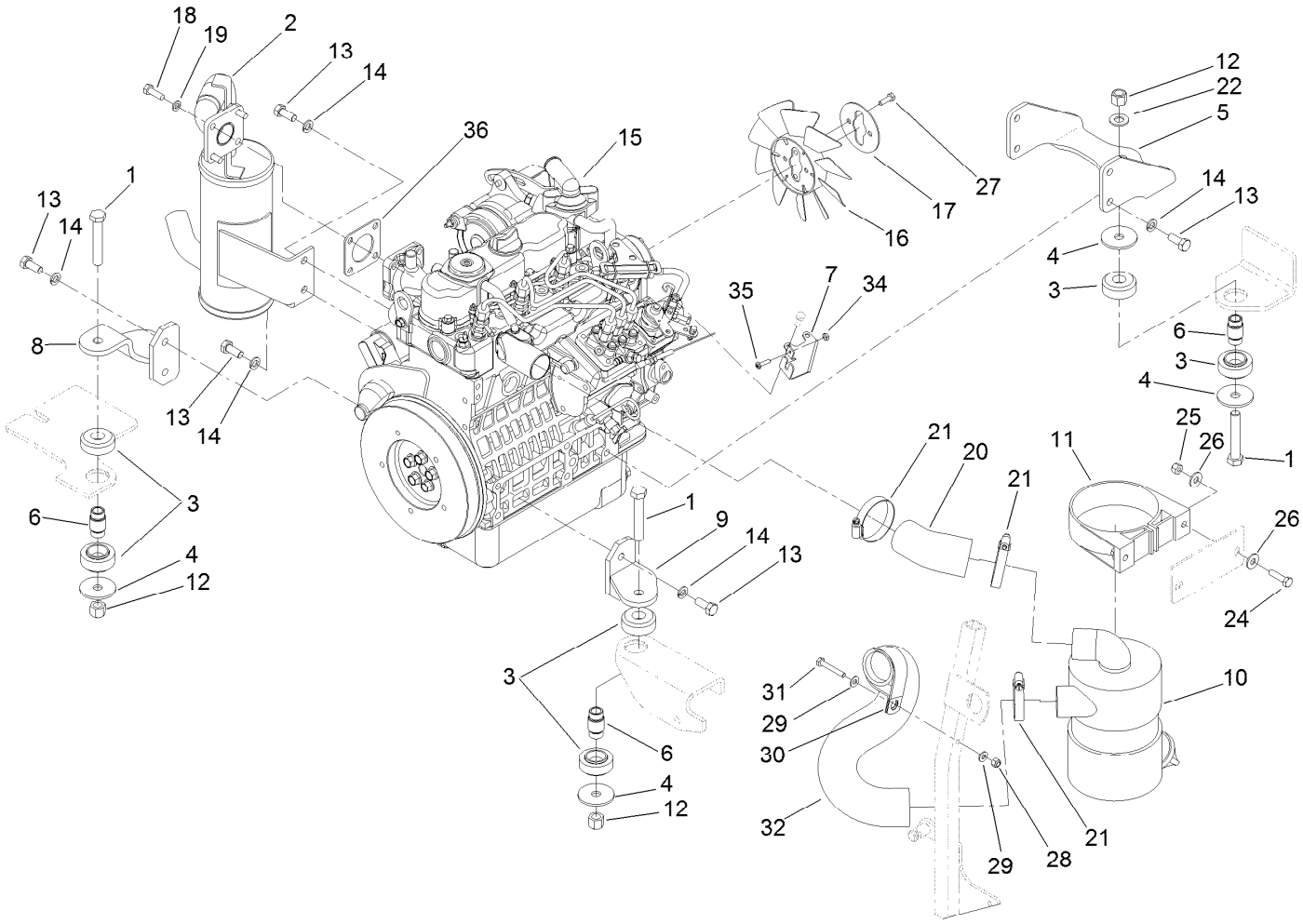
Ref.	Part Number	Qty.	Description
34	1-633102	2	Bearing-Flange, Side
35	3290-357	4	Nut-HHF, Whiz
36	116-2643	2	Decal-Wheel Nut Torque



Hydro Control Assembly

Ref.	Part Number	Qty.	Description
1	1-633102	4	Bearing-Flange, Side
2	107-3480	1	Control-Motion, LH
3	32128-20	10	Nut-HF
4	3256-3	4	Washer-Flat
5	322-6	4	Screw-HH
6	3290-357	6	Nut-HHF, Whiz
7	3296-29	8	Nut-Lock, NI
8	1-403180	3	Screw-HH
9	322-41	1	Screw-HH
10	3272-5	2	Pin-Cotter
11	1-303105	2	Yoke-Adjustable
12	3219-2	4	Nut-Hex
13	3220-2	2	Nut-Jam
14	3256-2	2	Washer-Flat
15	107-3481	1	Control-Motion, RH
16	1-808280	2	Pin-Clevis
17	3296-39	6	Nut-Lock, NI
18	103-0407	2	Arm-Shaft, Control
19	98-5975	4	Washer-Belleville
20	323-6	4	Screw-HH
21	108-7237	1	RH Lever ASM
21:1	106-9987	1	Grip-Control, Motion
22	108-7238	1	LH Lever ASM
22:1	106-9987	1	Grip-Control, Motion

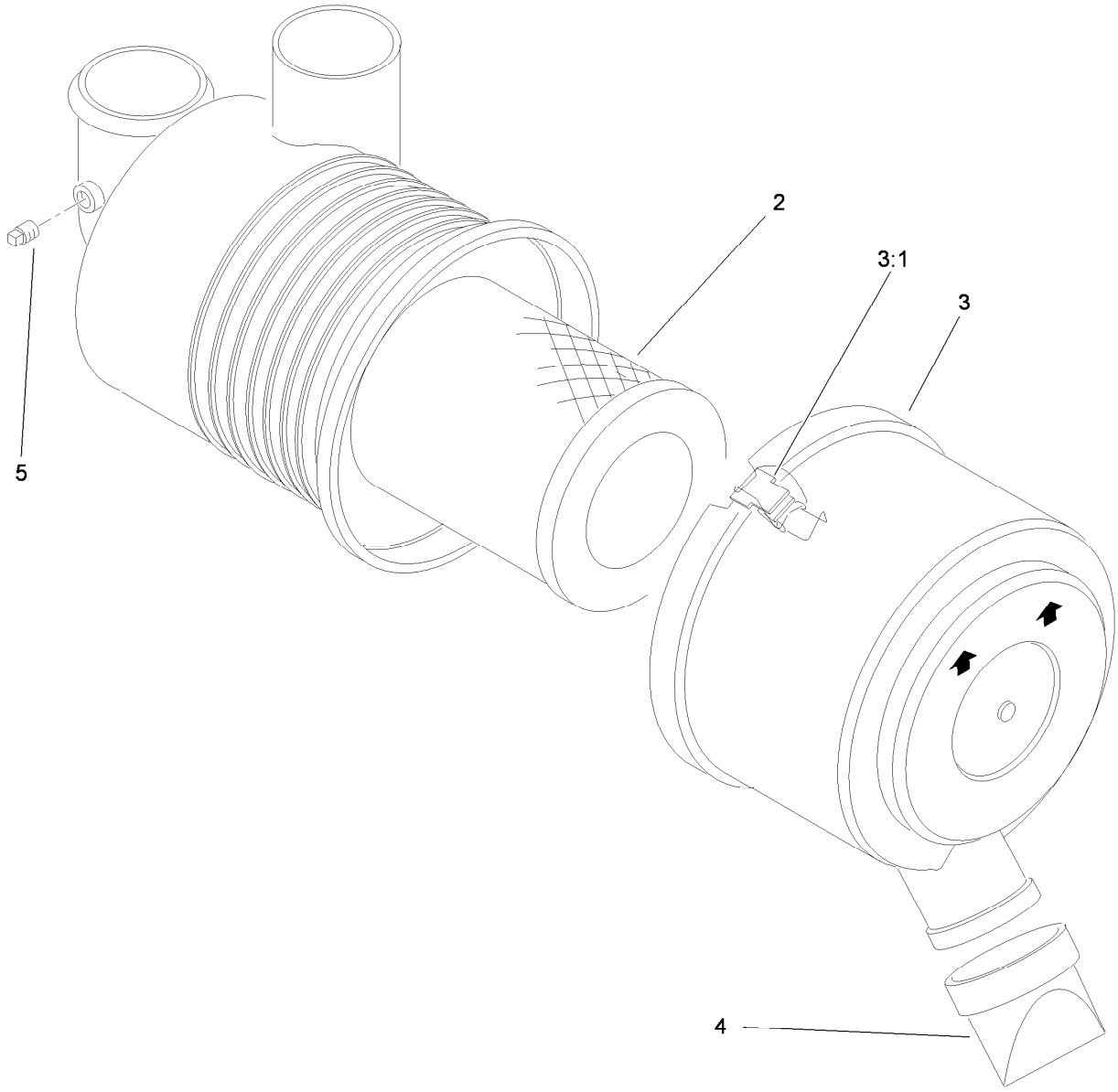
Ref.	Part Number	Qty.	Description
23	323-9	6	Screw-HH
24	1-603735	2	Bushing-Flanged
25	1-603807	2	Spring-Return, Neutral
27	1-603737	2	Bolt-Return, Neutral
28	107-3470-03	2	Arm-Control, Hydraulic
29	107-3474	1	RH Control Rod ASM
29:1	1-543017	1	Balljoint-RH
29:2	1-323245	2	Spring-Compression
29:3	103-3060	1	Knob-Tracking
29:4	3219-2	1	Nut-Hex
29:5	107-3472	1	Rod-Control, RH
29:6	1-804524	2	Nut
29:7	1-633152	1	Balljoint-LH
29:8	103-1166	1	Spacer-Tube, Pump Link
31	323-4	6	Screw-HH
32	109-2339	2	Damper-Control, Motion
33	1-803022	2	Screw-Set
34	107-3475	1	LH Control Rod ASM
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

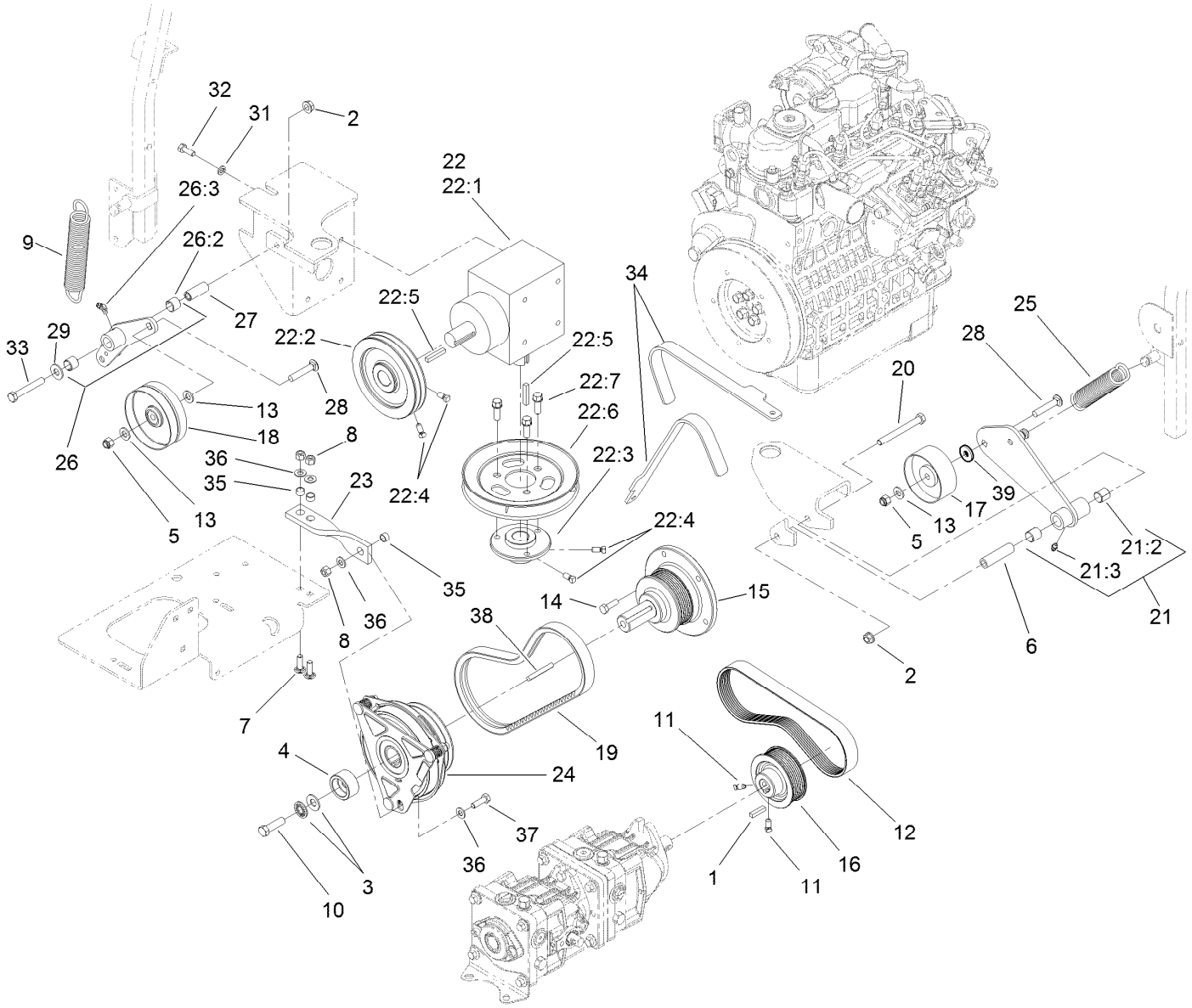
Ref.	Part Number	Qty.	Description
1	325-12	3	Screw-HH
2	107-9909	1	Muffler
3	107-9914	3	Mount-Isolation
4	55-7960	4	Washer-Large
5	107-9917-03	1	Bracket-Engine Mount, Rear
6	110-0300	3	Spacer
7	108-5922	1	Bracket-Support, Throttle
8	107-9920-03	1	Support-Engine, RH
9	107-9930-03	1	Support-Engine, LH
10	93-2190	1	Air Cleaner ASM
11	95-5806	1	Bracket-Mounting
12	3296-23	3	Nut-Lock, NI
13	43-0090	10	Screw-HH
14	42-9600	10	Washer-Lock, Spring
15	127-9652	1	Engine-Kubota, D902-E4B-Tor-1
16	110-0814	1	Fan
17	110-0816	1	Plate-Reatainer, Fan

Ref.	Part Number	Qty.	Description
18	33114-025	4	Screw-HH
19	3253-4	4	Washer-Lock
20	108-5371	1	Hose-Intake, Air Cleaner
21	1-643009	3	Clamp-Hose
22	3256-26	1	Washer-Flat
24	322-6	2	Screw-HH
25	3296-29	2	Nut-Lock, NI
26	3256-23	4	Washer-Flat
27	33113-020	2	Screw-HH
28	3296-42	1	Nut-Lock, NI
29	3256-22	2	Washer-Flat
30	1-643241	1	Clip-Loom
31	321-10	1	Screw-HH
32	108-5370	1	Hose-Intake, Engine
34	3217-26	1	Nut-Hex
35	110-0863	1	Screw-Torx
36	99-8343	1	Gasket-Muffler



Air Cleaner Assembly No. 93-2190

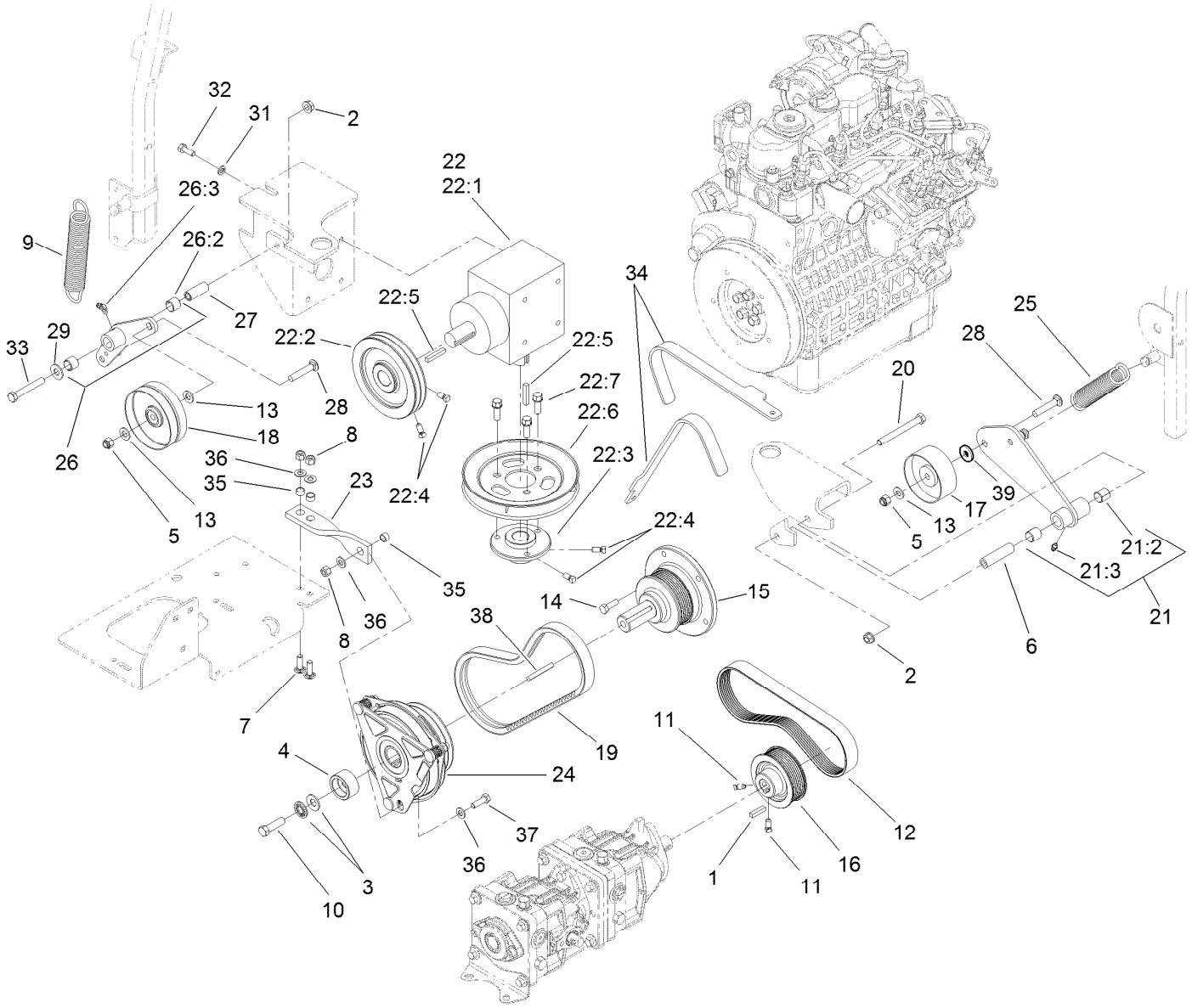
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Hydro and Gearbox Assembly

Ref.	Part Number	Qty.	Description
1	5-0698	1	Key
2	3290-357	2	Nut-HHF, Whiz
3	1-603610	2	Washer-Spring
4	114-8152	1	Retainer-Clutch
5	3296-39	2	Nut-Lock, NI
6	1-603384	1	Bushing-Pivot, Idler
7	3230-22	2	Screw-CARR
8	3296-29	3	Nut-Lock, NI
9	119-0392	1	Spring-Extension
10	3212-6	1	Screw-HH
11	1-803022	2	Screw-Set
12	107-9910	1	Belt-V
13	3256-24	4	Washer-Flat
14	33114-025	5	Screw-HH
15	112-2335	1	Stub Shaft
16	108-5976	1	Pulley
17	108-5910	1	Pulley-Flat
18	110-0803	1	Pulley-Flat
19	110-0805	1	Belt-V
20	323-15	1	Screw-HH
21	108-5939	1	Pump Idler Arm ASM
21:2	1-513034	2	Sleeve-Bearing
21:3	302-5	1	Fitting-Grease
22		1	Gearbox ASM ●
22:1	107-9887	1	Gearbox-90 DEG
22:2	108-5912	1	Pulley
22:3	112-3894	1	Hub-Pulley
22:4	1-803022	4	Screw-Set
22:5	67-7490	2	Key-Square
22:6	108-5979	1	Pulley-B Section
22:7	92-1624	3	Screw-HWH
23	112-1781	1	Strap-Stop, Clutch
24	112-2320	1	Clutch-Magnetic
25	119-0394	1	Spring-Extension
26	112-2354	1	Gearbox Idler ASM (W/Bearings)

● Not serviced separately

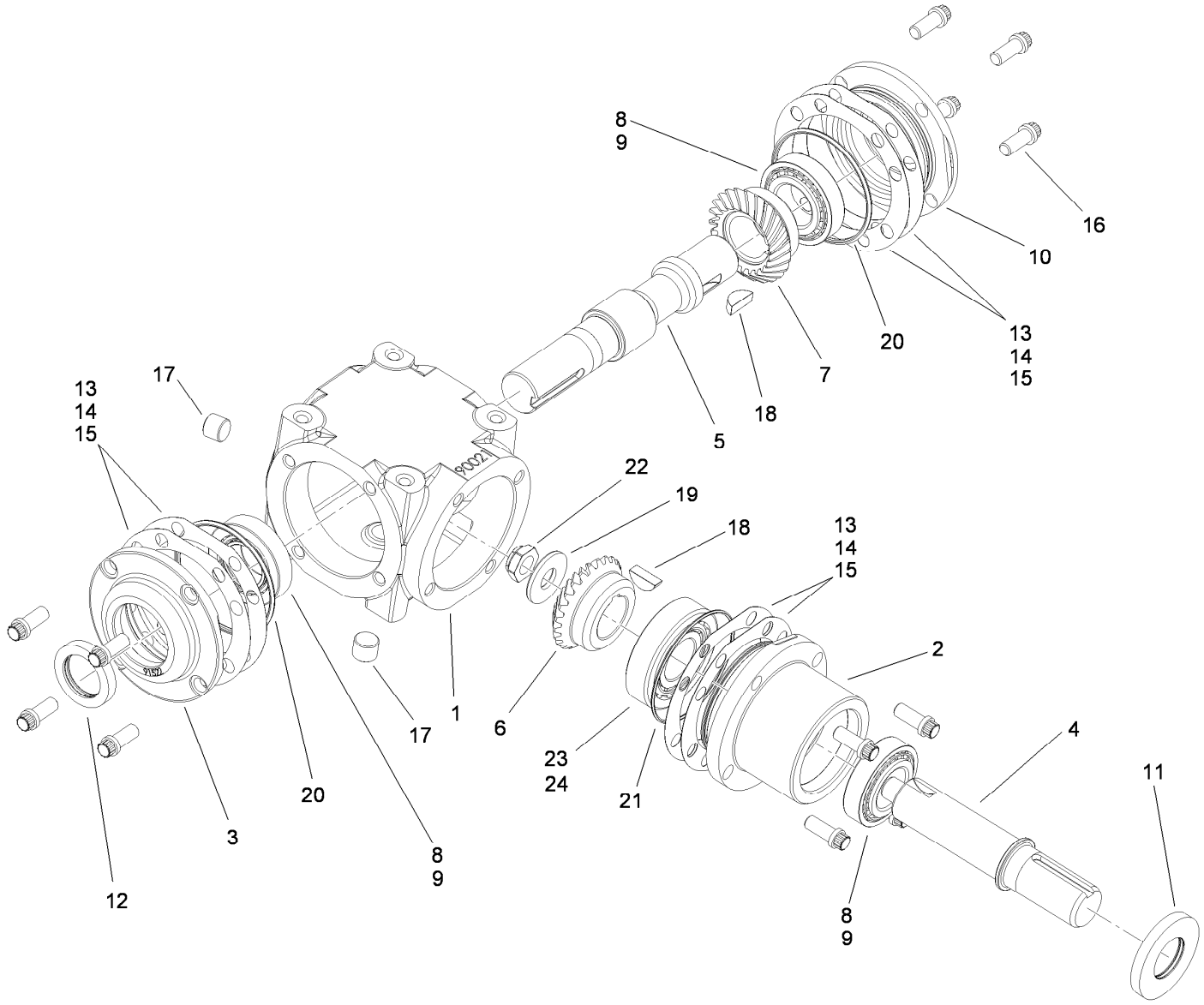


Hydro and Gearbox Assembly (continued)

Ref.	Part Number	Qty.	Description
26:2	103-4681	2	Sleeve-Bearing
26:3	1481	1	Fitting-Grease
27	1-603044	1	Bushing
28	3231-6	2	Screw-CARR
29	3256-4	1	Washer-Flat
31	3253-4	4	Washer-Lock
32	322-4	4	Screw-HH

Ref.	Part Number	Qty.	Description
33	323-12	1	Screw-HH
34	110-0876	1	Tool-Alignment, Pulley
35	65-9820	3	Spacer
36	3256-23	4	Washer-Flat
37	322-5	1	Screw-HH
38	5-1336	1	Key-Square
39	1-373034	1	Washer

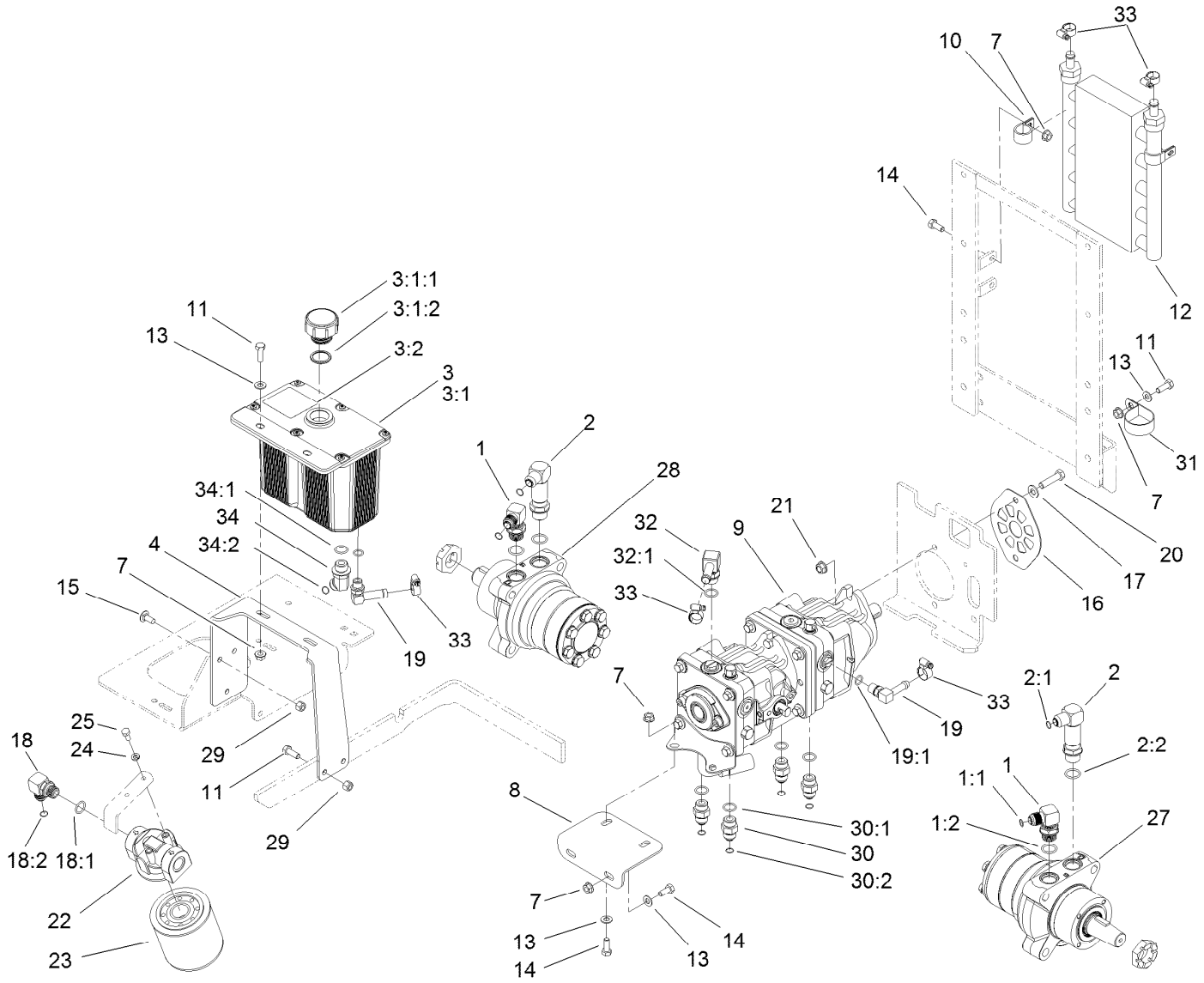
● Not serviced separately



Gearbox Assembly No. 107-9887

Ref.	Part Number	Qty.	Description
1	110-0843	1	Case
2	110-0853	1	Housing-Pinion
3	100-4566	1	Cap-End, Open
4	110-0844	1	Shaft-Pinion
5	110-0845	1	Shaft-Cross
6	110-0847	1	Gear-Shaft, Cross
7	110-0846	1	Gear-Pinion
8	110-0848	3	Bearing-Cup
9	110-0849	3	Bearing-Cone
10	100-4574	1	Cap-End, Closed
11	100-4575	1	Seal
12	110-0850	1	Seal-Shaft, Cross

Ref.	Part Number	Qty.	Description
13	100-4591	1	Shim-Brown, .010In
14	100-4592	1	Shim-Blue, .005In
15	100-4593	1	Shim-Green, .003In
16	100-4578	12	Screw
17	100-4579	2	Plug
18	3257-33	2	Key-Woodruff
19	100-4581	1	Washer
20	100-4582	2	O-Ring
21	110-0851	1	O-Ring
22	110-0852	1	Nut Lock
23	100-5817	1	Bearing-Cup
24	100-5816	1	Bearing-Cone

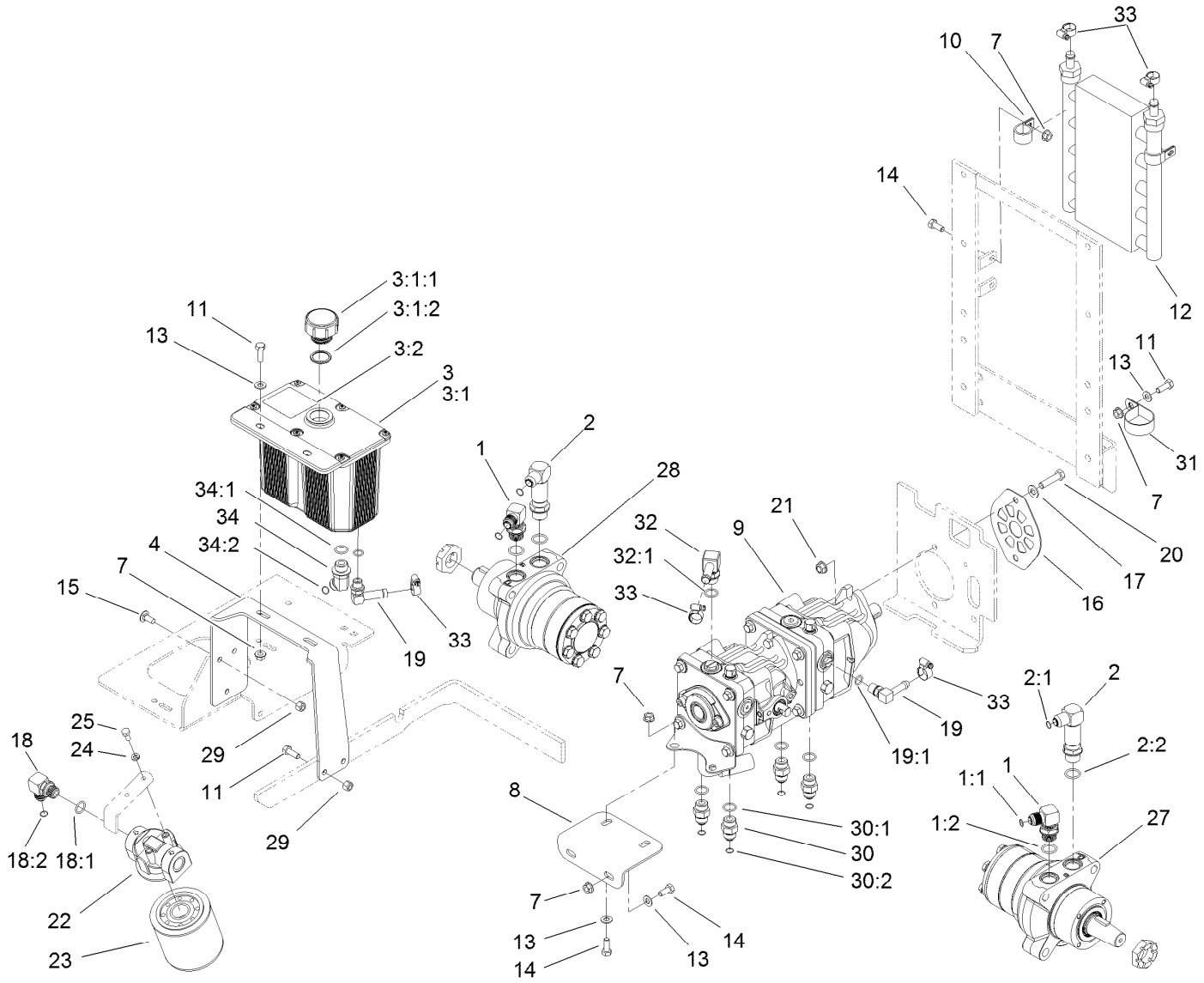


Hydraulic Tank, Pump and Motor Assembly

Ref.	Part Number	Qty.	Description
1	1-633605	2	Fitting-HYD, 90 DEG
1:1	1-603992	1	O-Ring
1:2	237-80	1	O-Ring
2	108-5323	2	Fitting-Elbow-90
2:1	1-603992	1	O-Ring
2:2	237-80	1	O-Ring
3	108-5320	1	Hydraulic Tank ASM
3:1		1	Tank-Hydraulic ●
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	115-4212	1	Decal-Warning
4	108-5352-03	1	Bracket-Tank, Hydraulic
7	32128-20	11	Nut-HF
8	107-3462-03	1	Bracket-Pump, Front
9	107-9885	1	Tandem Pump ASM
10	110-0824	4	R-Clamp
11	322-5	4	Screw-HH
12	114-8168	1	Cooler-Oil, Hydro

Ref.	Part Number	Qty.	Description
13	3256-23	7	Washer-Flat
14	322-3	8	Screw-HH
15	3230-23	3	Screw-CARR
16	108-5367-03	1	Plate-Shield, Pump
17	3256-24	2	Washer-Flat
18	103-2153	1	Fitting-90 DEG
18:1	1-603920	1	O-Ring
18:2	1-603992	1	O-Ring
19	109-6449	2	Fitting-Elbow, 90
19:1	237-42	1	O-Ring
20	323-8	2	Screw-HH
21	3290-357	2	Nut-HHF, Whiz
22	86-9080	1	Head-Filter
23	67-8110	1	Cartridge-Filter, Oil
24	1-805004	2	Washer-Lock
25	321-3	2	Screw-HH
27	112-8357	1	HYD Motor ASM (CCW)
28	112-8358	1	HYD Motor ASM (CW)

● Not serviced separately

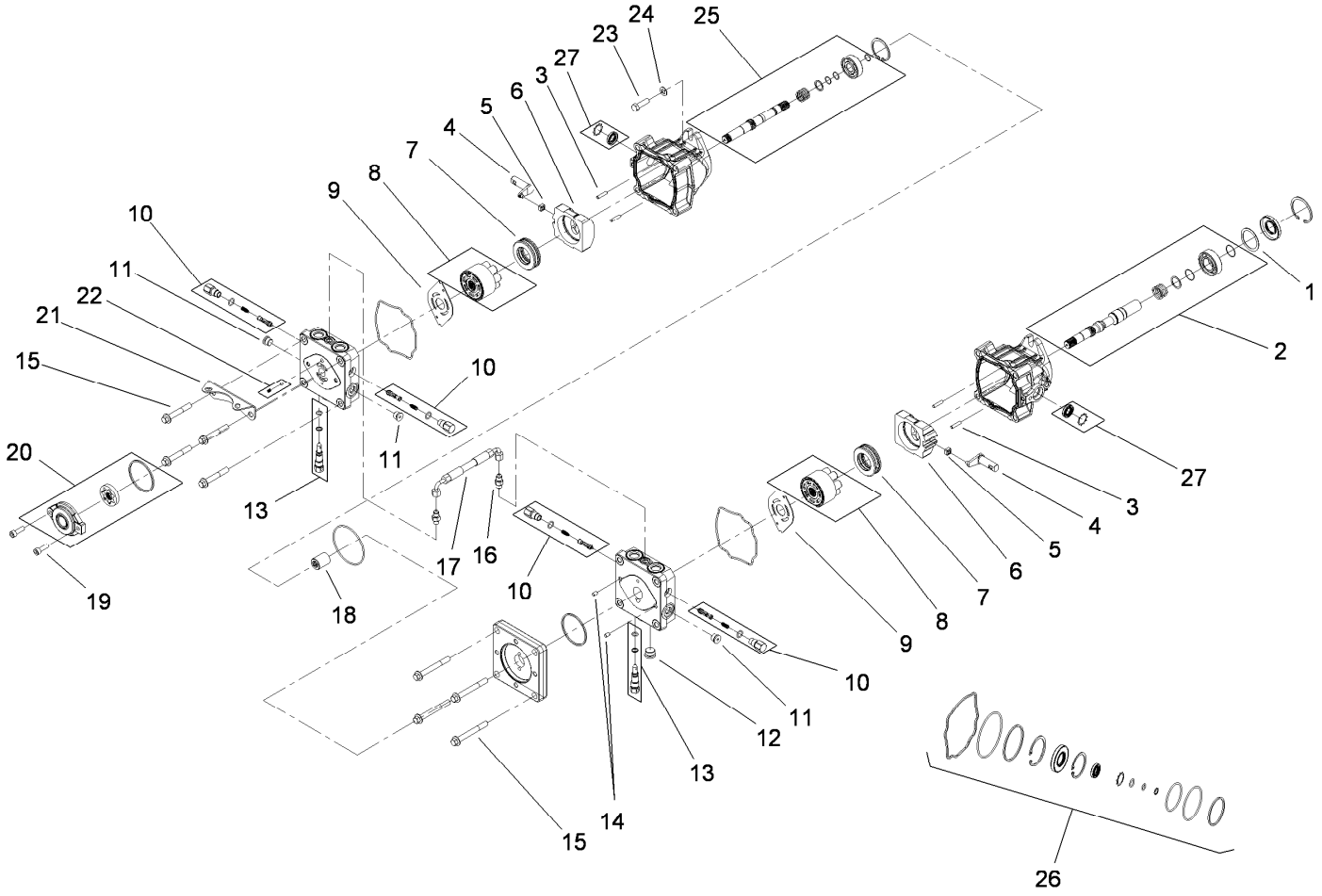


Hydraulic Tank, Pump and Motor Assembly (continued)

Ref.	Part Number	Qty.	Description
29	3296-29	4	Nut-Lock, NI
30	1-603990	4	Fitting-Straight
30:1	1-603920	1	O-Ring
30:2	1-603992	1	O-Ring
31	2412-147	1	Clamp
32	108-5316	1	Fitting-Elbow, 90 DEG

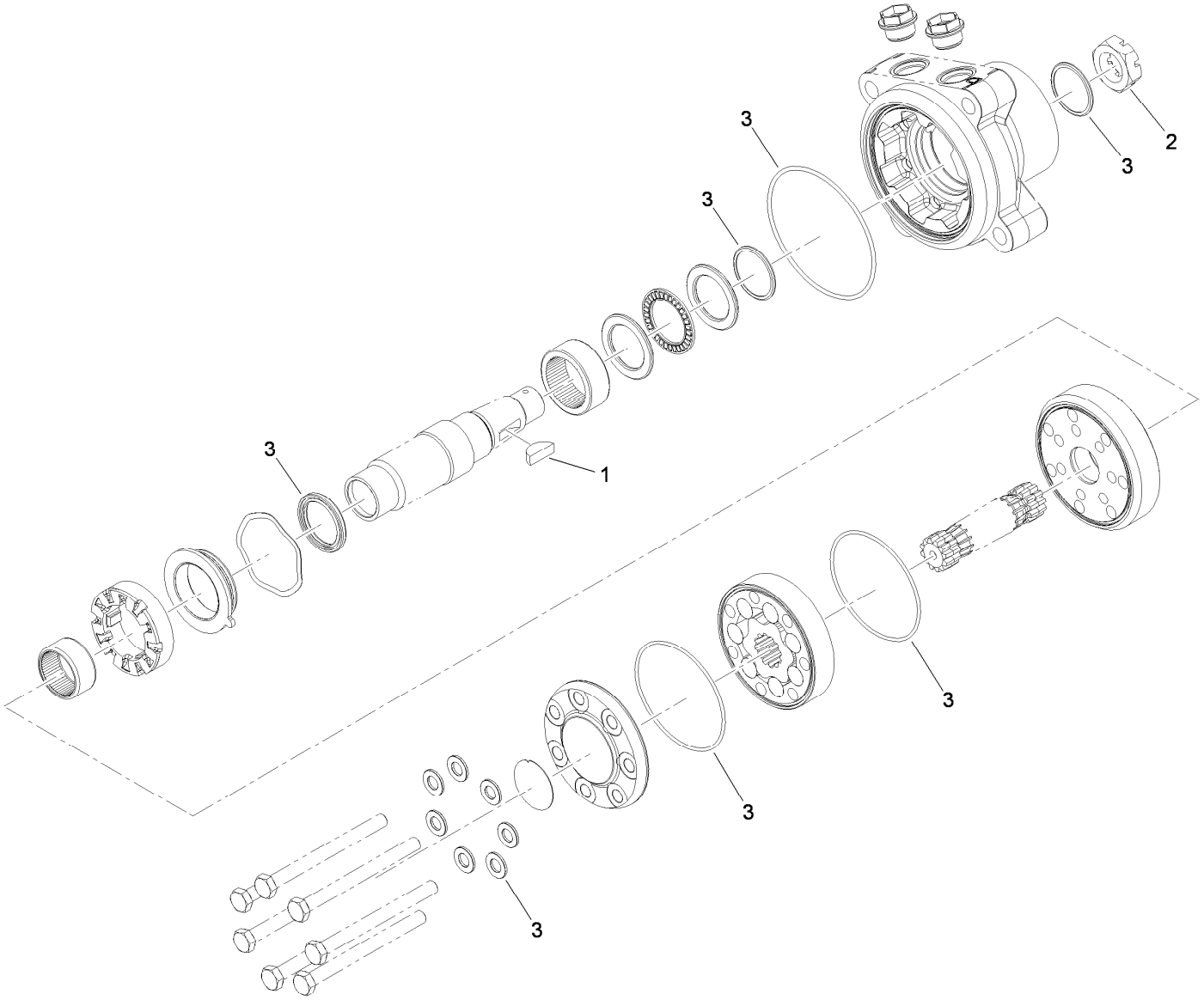
Ref.	Part Number	Qty.	Description
32:1	237-79	1	O-Ring
33	109-6801	5	Clamp-Hose
34	1-523221	1	Fitting-HYD, 45 DEG
34:1	1-603920	1	O-Ring
34:2	1-603992	1	O-Ring

● Not serviced separately



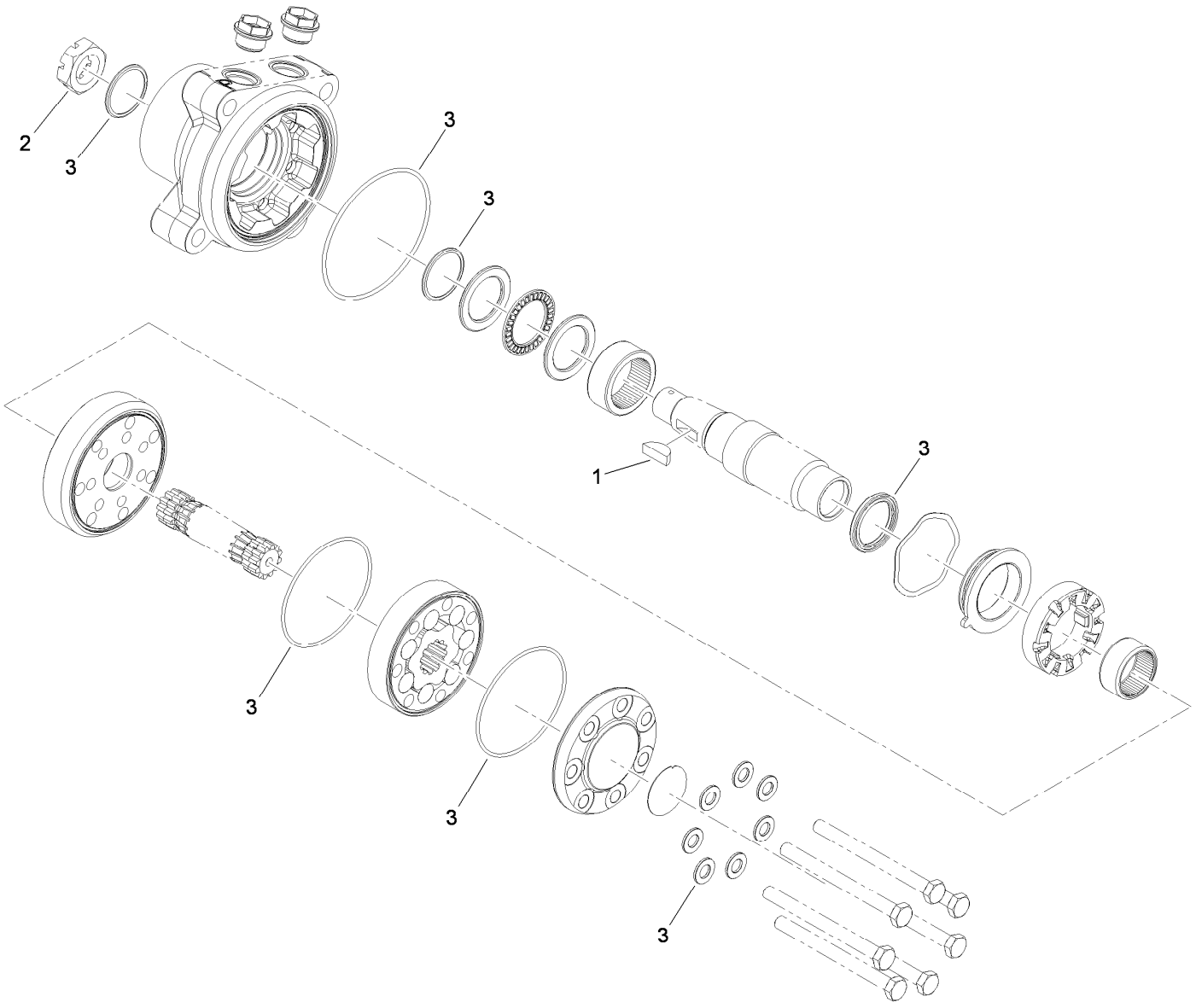
Tandem Pump Assembly No. 107-9885

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



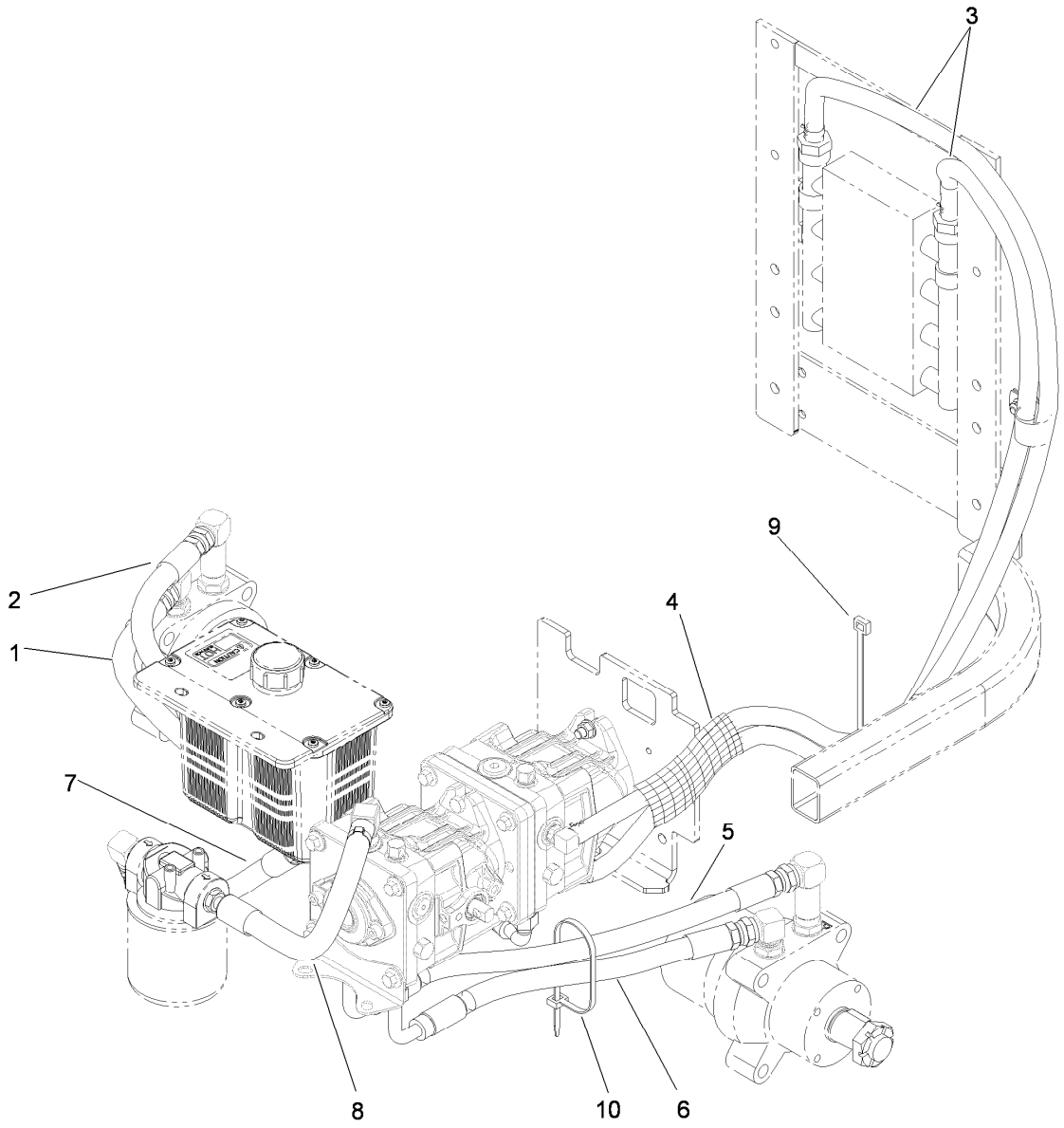
Hydraulic Motor Assembly No. 112-8357 (CCW)

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



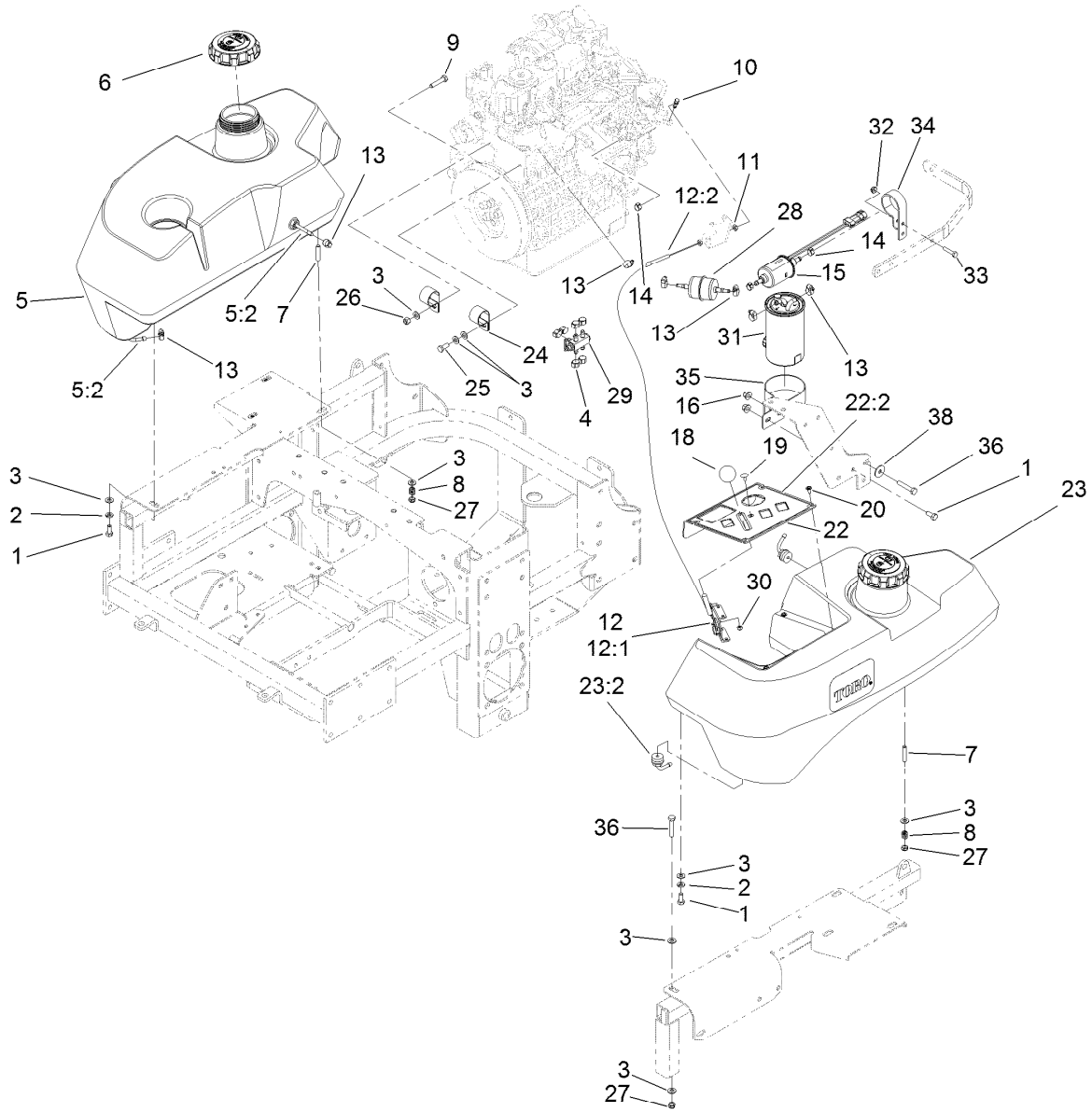
Hydraulic Motor Assembly No. 112-8358 (CW)

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



Hydraulic Hose System Assembly

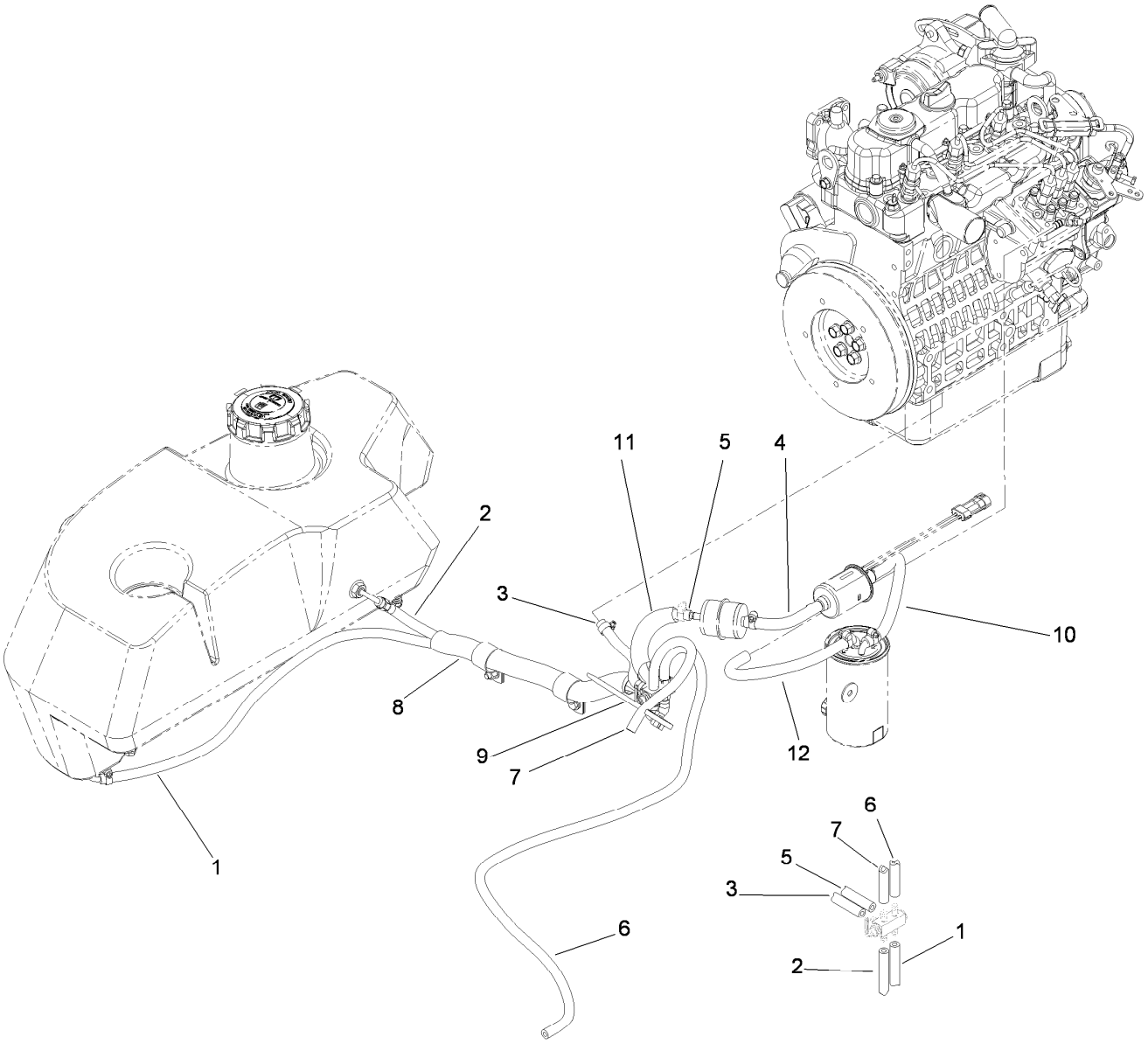
Ref.	*Part Number*	*Qty.*	*Description*
1	107-3495	1	Hydraulic Hose ASM
2	107-3490	1	Hydraulic Hose ASM
3	114-8169	2	Hose-Hydraulic
4	114-8201	1	Sleeve-Fabric
5	108-5318	1	Hydraulic Hose ASM
6	107-3491	1	Hydraulic Hose ASM
7	110-3854	1	Hydraulic Hose ASM
8	108-5374	1	Hydraulic Hose ASM
9	1-303335	1	Tie-Plastic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



Fuel System and Throttle Control Assembly

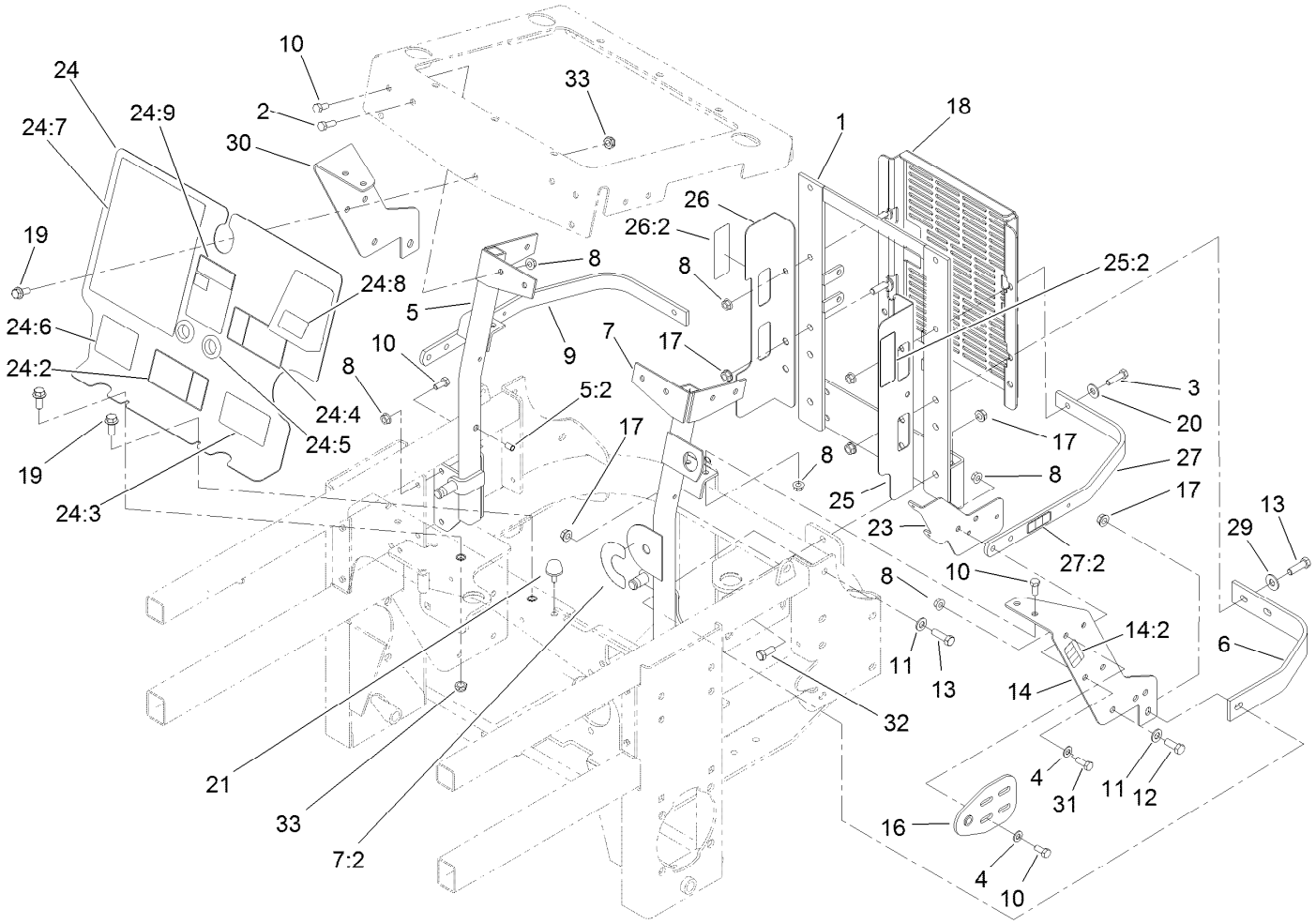
Ref.	Part Number	Qty.	Description
1	322-3	3	Screw-HH
2	1-805005	2	Washer-Lock
3	3256-23	11	Washer-Flat
4	1-643293	6	Clamp-Hose, Fuel
5	114-8221	1	RH Fuel Tank ASM
5:2	103-2615	2	Fitting-Fuel, Bulkhead
6	114-5062	2	Cap-Biodiesel
7	1-633023	6	Stud
8	1-633349	6	Spring-Tank, Fuel
9	322-7	1	Screw-HH
10	108-5928	1	Swivel-Stop, Cable
11	3220-1	2	Nut-Jam
12	108-5927	1	Cable-Control, Throttle
12:1	112-2333	1	Lever-Cable, Throttle
12:2	108-6337	1	Cable-Throttle
13	2412-108	9	Clamp-Worm
14	1-643277	3	Clamp-Hose, Fuel
15	110-8806	1	Pump-Fuel
16	3296-58	2	Nut-Lock, NI
18	1-603175	1	Knob-Ball

Ref.	Part Number	Qty.	Description
19	1-807513	2	Bolt-CARR
20	109-2661	4	Screw-PPH
22	117-0913	1	Control Panel ASM
22:2	121-7562	1	Decal-Panel, Control
23	114-8222	1	LH Fuel Tank ASM
23:2	103-2615	2	Fitting-Fuel, Bulkhead
24	1-643312	2	Clip-Loom
25	33114-020	1	Screw-HH
26	3296-29	1	Nut-Lock, NI
27	3296-47	6	Nut-Lock, NI
28	112-7836	1	Filter-Inline
29	1-643234	1	Valve-Fuel, Dual Flow
30	3296-2	2	Nut-Lock, NI
31	112-9188	1	Element-Filter, Fuel/Water
32	104-7201	1	Nut-HF
33	321-8	1	Screw-HH
34	110-8817	1	Bracket-Pump, Fuel
35	110-8807	1	Bracket-Filter, Fuel
36	322-9	1	Screw-HH
38	3256-82	1	Washer-Flat



Fuel Line Assembly

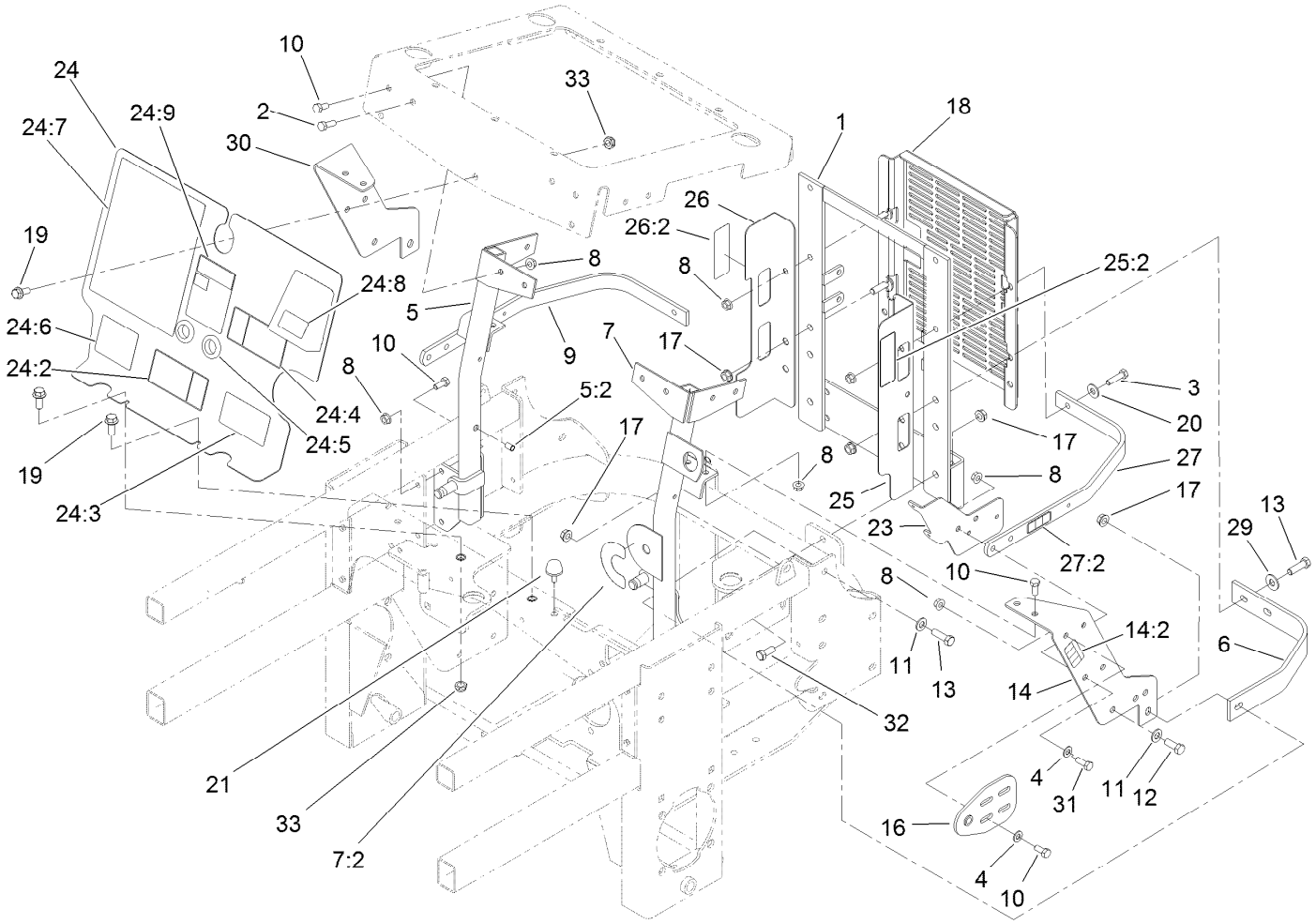
Ref.	*Part Number*	*Qty.*	*Description*
1	108-5376	1	Hose-Fuel
2	109-0301	1	Hose-Fuel
3	109-0306	1	Hose-Fuel
4	108-3283	1	Hose-Fuel
5	109-0303	1	Hose-Fuel
6	109-0275	1	Hose-Fuel
7	109-0297	1	Hose-Fuel
8	108-5377	1	Sleeve-Fabric
9	1-303335	1	Tie-Plastic
10	110-4124	1	Hose-Fuel
11	114-8224	1	Conduit-Fuel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



Engine Housing Assembly

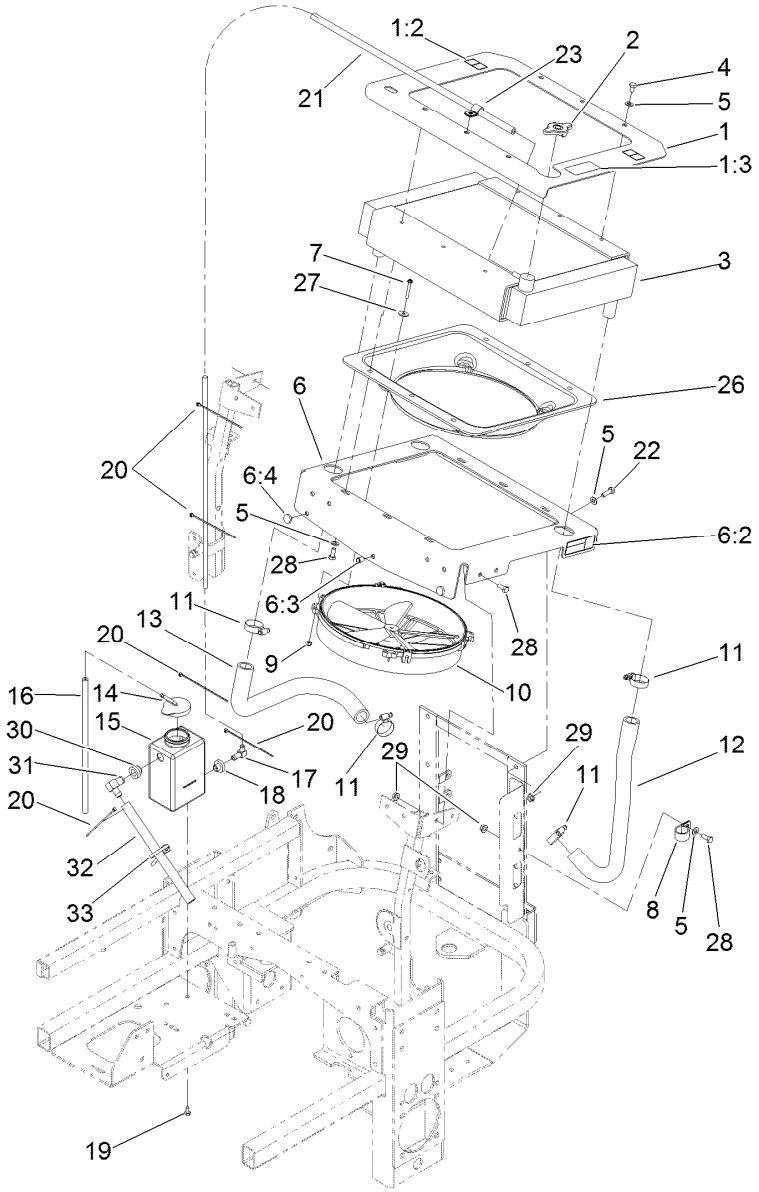
Ref.	Part Number	Qty.	Description
1	107-9934-03	1	Support-Radiator, Rear
2	322-5	2	Screw-HH
3	322-6	2	Screw-HH
4	3256-23	8	Washer-Flat
5	114-1170	1	RH Radiator Brace ASM
5:2	32148-11	1	Insert-Threaded
6	103-7623-03	2	Strap-Guard
7	110-3870	1	LH Radiator Brace ASM
7:2	107-2114	1	Decal-Valve, Fuel
8	32128-20	22	Nut-HF
9	114-8223-03	1	Top-Rib
10	322-3	14	Screw-HH
11	3256-24	3	Washer-Flat
12	323-6	1	Screw-HH
13	323-7	4	Screw-HH
14	119-6650	1	LH Support Bracket ASM
14:2	119-0398	1	Decal-Fuse
16	108-5345-03	2	Plate-Pivot, Hood
17	3290-357	7	Nut-HHF, Whiz
18	112-8302-03	1	Shield-Cooler
19	3234-21	3	Screw-HHF

Ref.	Part Number	Qty.	Description
20	3256-3	2	Washer-Flat
21	109-2365	2	Bumper-Rubber
23	119-0393-03	1	Bracket-Relay, Fuse
24	114-1829	1	Front Shield ASM
24:2	110-3853	1	Decal-Danger, Rotating Devices
24:3	108-5955	1	Decal-Routing, Hydro Belt
24:4	110-3852	1	Decal- Warning, Buzzer
24:5	100-3815	2	Grommet-Rubber
24:6	108-5957	1	Decal-Routing, Clutch Belt
24:7	114-1826	1	Decal-Check Service
24:8	110-0806	1	Decal-Caution
24:9	104-2449	1	Decal-Coolant
25	110-0879	1	Guard-Fan, LH (Ce)
25:2	107-7719	1	Decal-Danger
26	110-0888	1	Guard-Fan, RH (Ce)
26:2	107-7719	1	Decal-Danger
27	119-0399	1	Top Strap ASM
27:2	119-0397	1	Decal-Relay
29	3256-4	2	Washer-Flat
30	108-5339-03	1	Bracket-Support, RH



Engine Housing Assembly (continued)

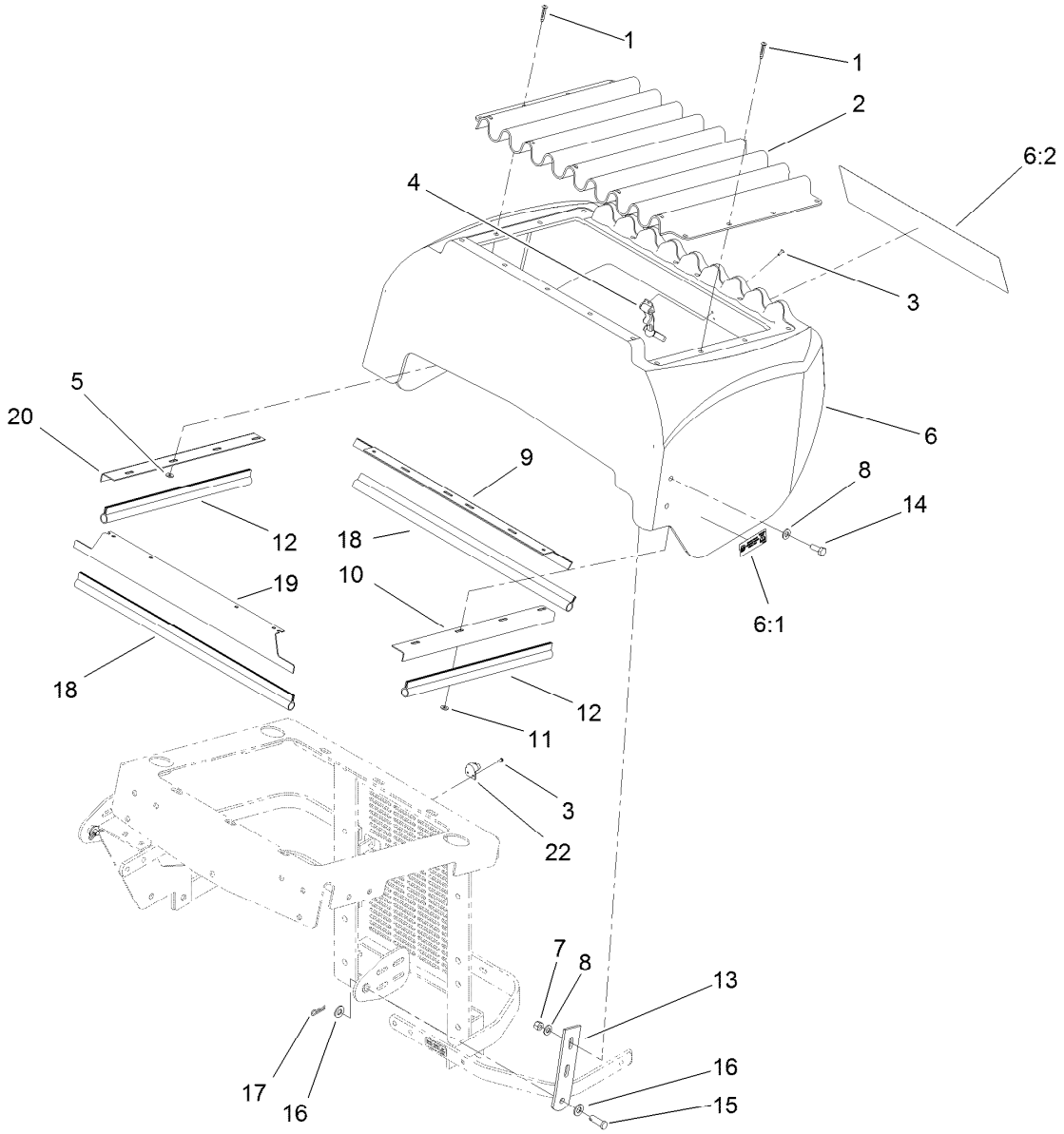
Ref.	Part Number	Qty.	Description
31	322-4	4	Screw-HH
32	323-5	2	Screw-HH
33	3296-56	3	Nut-Lock, NI



Cooling System Assembly

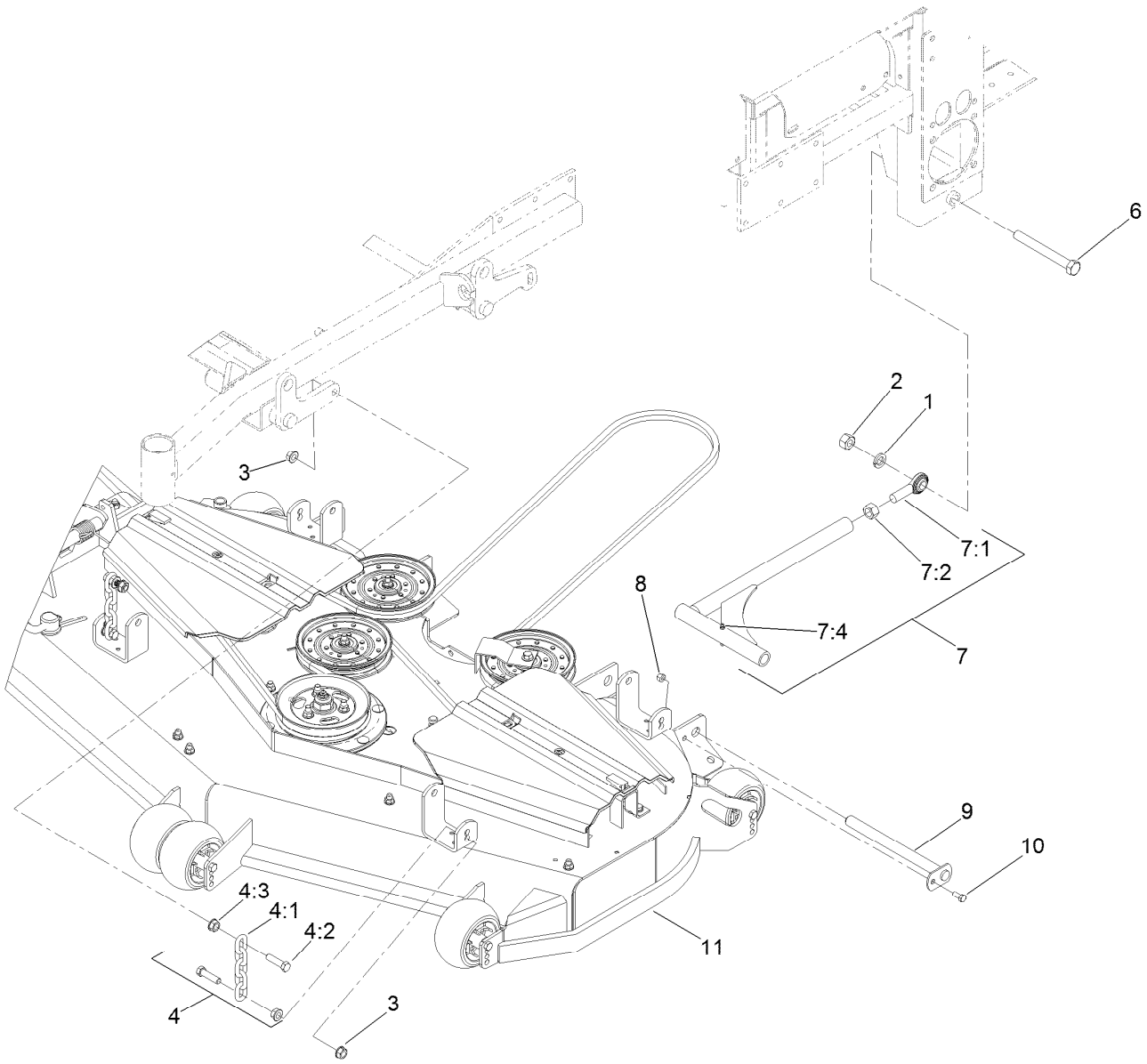
Ref.	Part Number	Qty.	Description
1	110-3845	1	Top Radiator Plate ASM
1:2	93-8069	2	Decal-Surface, Hot
1:3	110-3842	1	Decal-Antifreeze
2	1-643161	1	Cap-Radiator
3	107-9932	1	Radiator
4	322-1	6	Screw-HH
5	3256-23	16	Washer-Flat
6	110-0880	1	Bottom Radiator Plate ASM
6:2	107-7719	2	Decal-Danger
6:3	32148-6	1	Insert-Nut
6:4	1-513658	2	Bumper
7	108-5988	4	Screw-HWH
8	1-643312	1	Clip-Loom
9	1-804254	4	Nut-Lock, HH
10	1-633831	1	Fan
11	1-633989	4	Clamp-Hose
12	108-5372	1	Hose-Radiator, LH
13	108-5904	1	Hose-Outlet, Engine

Ref.	Part Number	Qty.	Description
14	1-643164	1	Cap-Tank, Overflow
15	117-0941	1	Tank-Overflow
16	1-603954	1	Hose-Line, Fuel
17	1-643259	1	Fitting-Elbow
18	1-513645	1	Bushing-Valve, Fuel
19	321-2	2	Screw-HH
20	1-303287	6	Tie-Cable
21	103-1428	1	Hose-Overflow
22	322-5	3	Screw-HH
23	1-603727	1	Clip-Loom
26	108-5971	1	Shroud-Cooling, Engine
27	3256-67	4	Washer-Flat
28	322-3	10	Screw-HH
29	32128-20	3	Nut-HF
30	104-0790	1	Bushing
31	117-0943	1	Fitting-Elbow
32	115-4969	1	Hose-Overflow
33	1-303335	1	Tie-Plastic



Hood Assembly

Ref.	Part Number	Qty.	Description
1	1-803072	17	Rivet
2	1-633864-03	1	Screen-Radiator
3	923786	4	Rivet
4	1-643188	1	Latch-Rubber
5	1-303435	4	Washer-Spring
6	114-8225	1	Hood ASM
6:1	114-9600	2	Decal-Low Sulfur
6:2	121-7558	1	Decal
7	3296-29	4	Nut-Lock, NI
8	3256-23	8	Washer-Flat
9	1-643108-03	1	Angle-Radiator, Bottom
10	1-643105-03	1	Angle-Radiator, LH
11	3256-14	12	Washer-Flat
12	1-643186	2	Seal-Trim
13	108-5337-03	2	Plate-Hinge, Hood
14	322-4	4	Screw-HH
15	1-808285	2	Pin-Clevis
16	3256-24	4	Washer-Flat
17	1-806003	2	Pin-Cotter, Hair
18	1-643187	2	Seal-Trim
19	1-643107-03	1	Angle-Radiator, Top
20	1-643106-03	1	Angle-Radiator, RH
22	1-643189	1	Keeper-Latch, Rubber

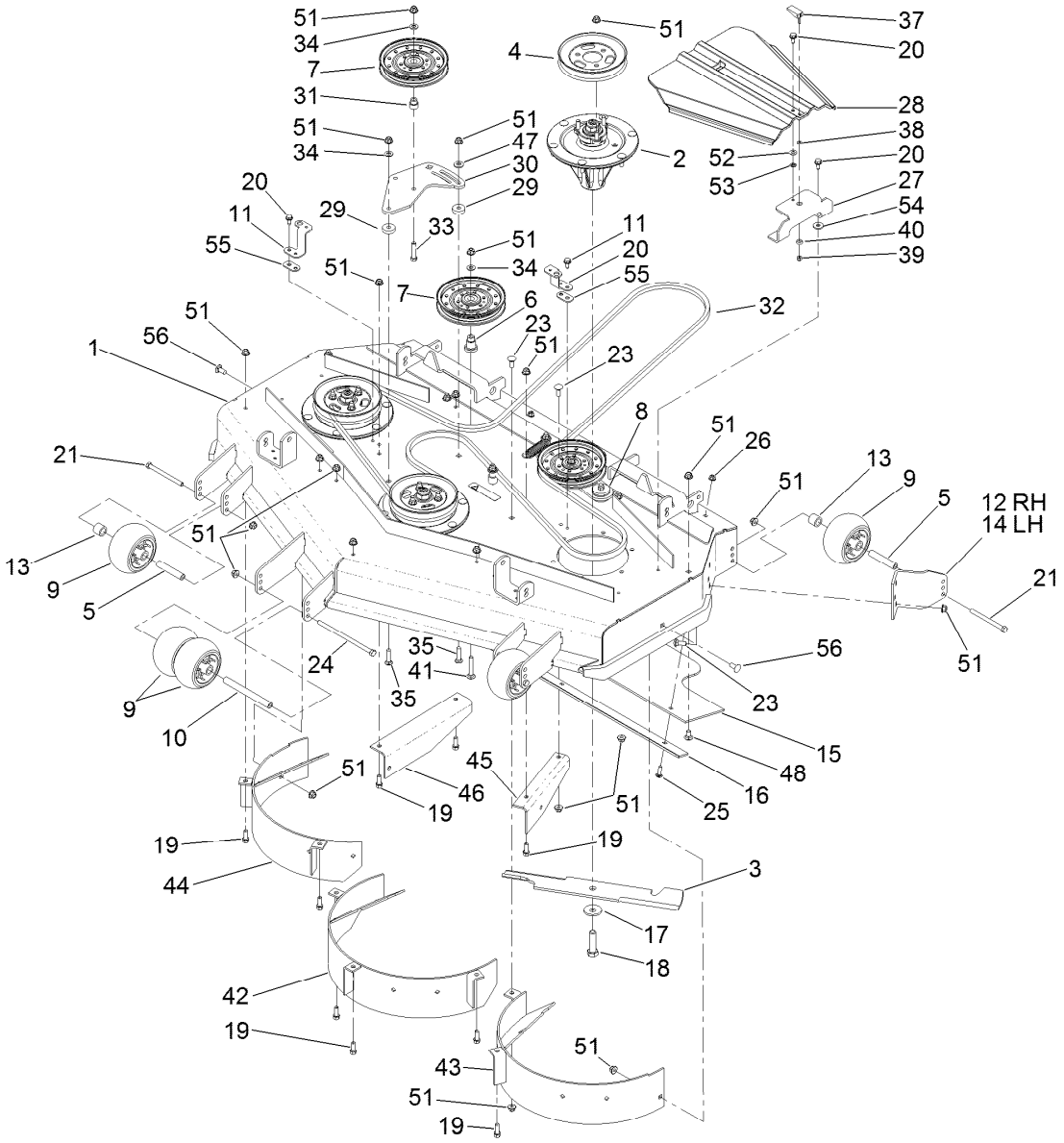


Deck Connection Assembly

Ref.	Part Number	Qty.	Description
1	3253-8	2	Washer-Lock
2	3217-11	2	Nut-Hex
3	32128-37	8	Nut-HF
4	103-9792	4	Deck Chain ASM
4:1	1-633447	1	Chain-Lift, Deck
4:2	103-1898	2	Screw-HH
4:3	32128-37	2	Nut-HF
6	327-28	2	Screw-HH

Ref.	Part Number	Qty.	Description
7	108-5969	2	Strut ASM
7:1	1-633029	1	Balljoint-Spherical
7:2	3219-6	1	Nut-Hex
7:4	109-1380	1	Fitting-Grease
8	3296-29	2	Nut-Lock, NI
9	1-632199-01	2	Pin-Strut
10	322-3	2	Screw-HH
11		1	Deck ASM ●

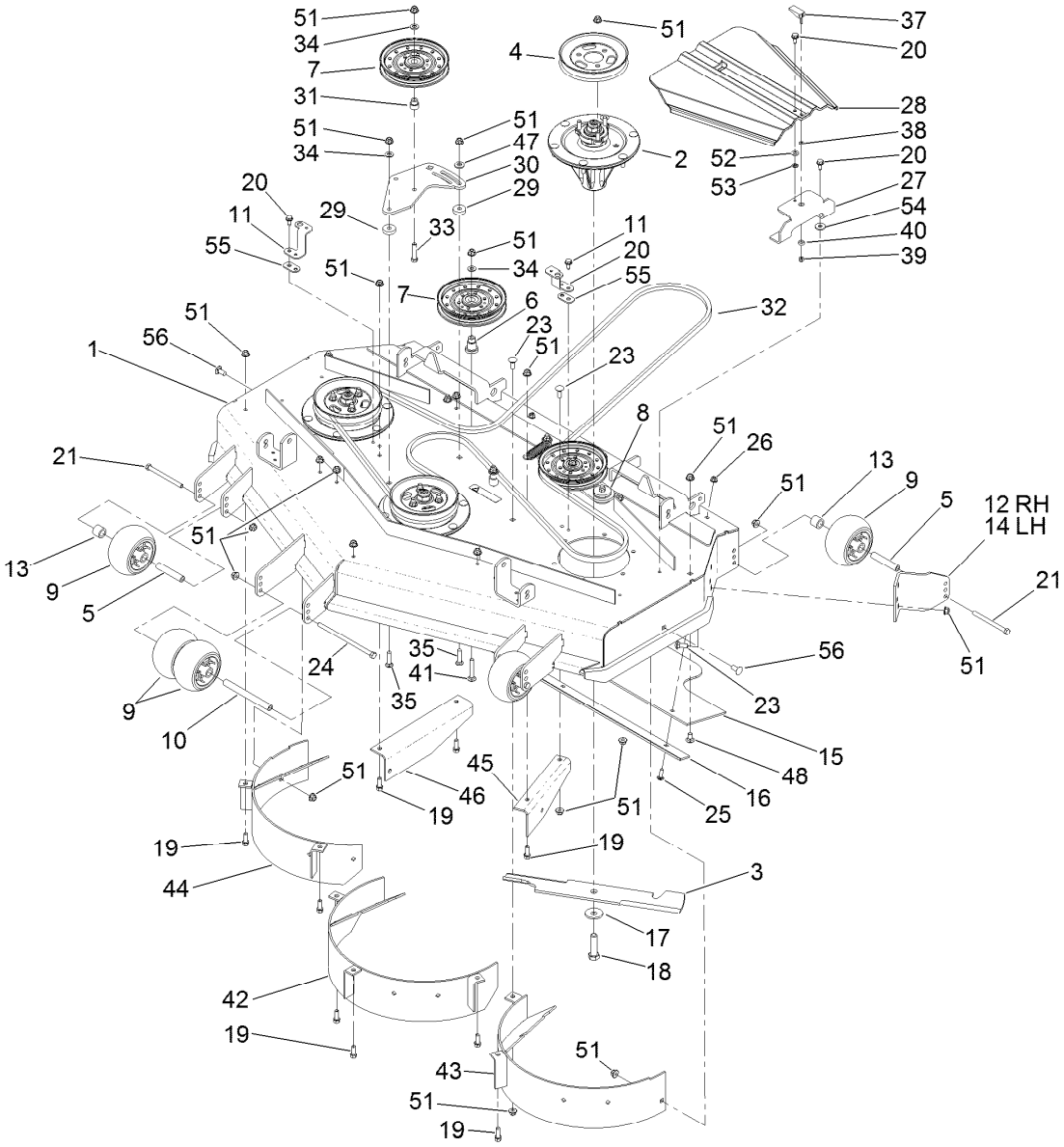
● Not serviced separately



Deck Assembly

Ref.	Part Number	Qty.	Description
1	114-4491	1	Deck Decal ASM
2	119-8560	3	Spindle ASM
3	105-7781-03	3	Blade-18In, Hi Flow
4	105-7735	3	Pulley
5	98-7912	4	Tube-Spanner
6	106-3214	1	Mount-Pulley
7	116-4667	2	Idler-Pulley, Flat
8	114-1812	1	Spring Idler ASM
9	1-603299	6	Roller-Scalp, Anti
10	98-5967	1	Spacer-Wheel
11	108-2177-01	2	Bracket-Cover, Tall
12	112-3893-01	1	Mount-Anti Scalp, RH
13	98-7913	4	Tube-Spacer
14	112-3895-01	1	Mount-Anti Scalp, LH
15	112-3869	1	Deflector-Rubber
16	112-3868-01	1	Skid-Skirt
17	103-0865	3	Washer-Blade Bolt, Heavy
18	51-4060	3	Screw-Blade
19	92-1624	9	Screw-HWH
20	32144-70	8	Screw-HWHTF
21	323-23	4	Screw-HH

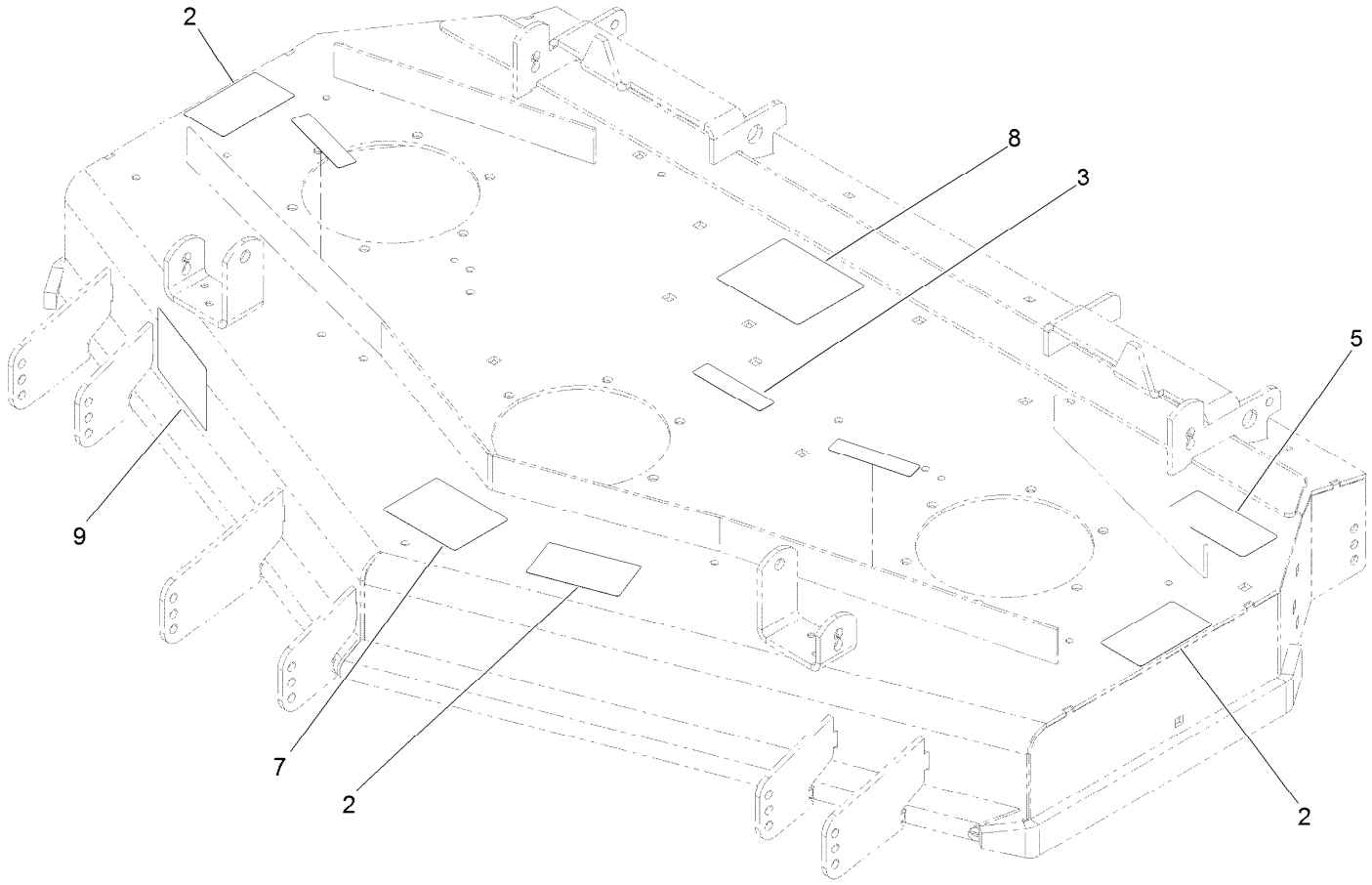
Ref.	Part Number	Qty.	Description
23	3231-2	8	Bolt-CARR
24	108-5388	1	Screw-HH
25	3230-22	4	Screw-CARR
26	104-8300	4	Nut-Flange, NI
27	114-1809-01	2	Bracket-Belt Cover
28	107-8536	2	Cover-Belt
29	105-7788	2	Spacer
30	107-8516-01	1	Plate-Idler
31	1-603496	1	Bushing-Idler
32	108-5951	1	Belt-V
33	323-9	1	Screw-HH
34	3256-24	3	Washer-Flat
35	3231-4	2	Screw-CARR
37	106-6777	2	Handle-Latch, Swell
38	99-3058	2	Washer
39	1-804254	2	Nut-Lock, HH
40	106-6778	2	Bushing-Latch, Swell
41	3231-7	1	Screw-CARR
42	112-3871-01	1	Baffle-Center
43	112-3872-01	1	Baffle-LH
44	112-3873-01	1	Baffle-RH



Deck Assembly (continued)

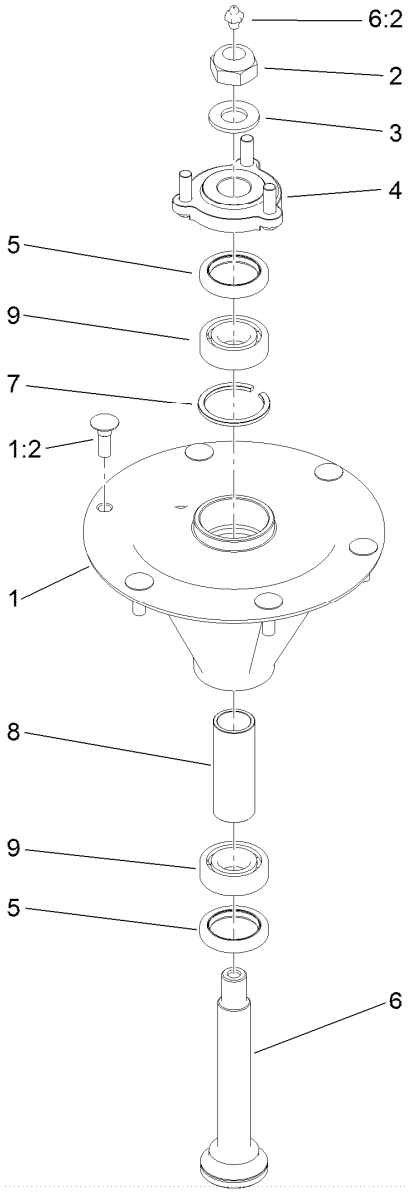
Ref.	Part Number	Qty.	Description
45	112-3862-01	1	Baffle-Trailing
46	112-3863-01	1	Baffle-Trailing
47	98-5975	1	Washer-Belleville
48	3231-1	4	Screw-CARR
51	104-8301	59	Nut-Flange, NI

Ref.	Part Number	Qty.	Description
52	73-0041	2	Washer-Thrust
53	117-2749	2	Nut-Push
54	5-0838	4	Washer
55	119-4222-01	2	Spacer-Belt Cover
56	3231-27	2	Screw-CARR



Deck Decal Assembly No. 114-4491

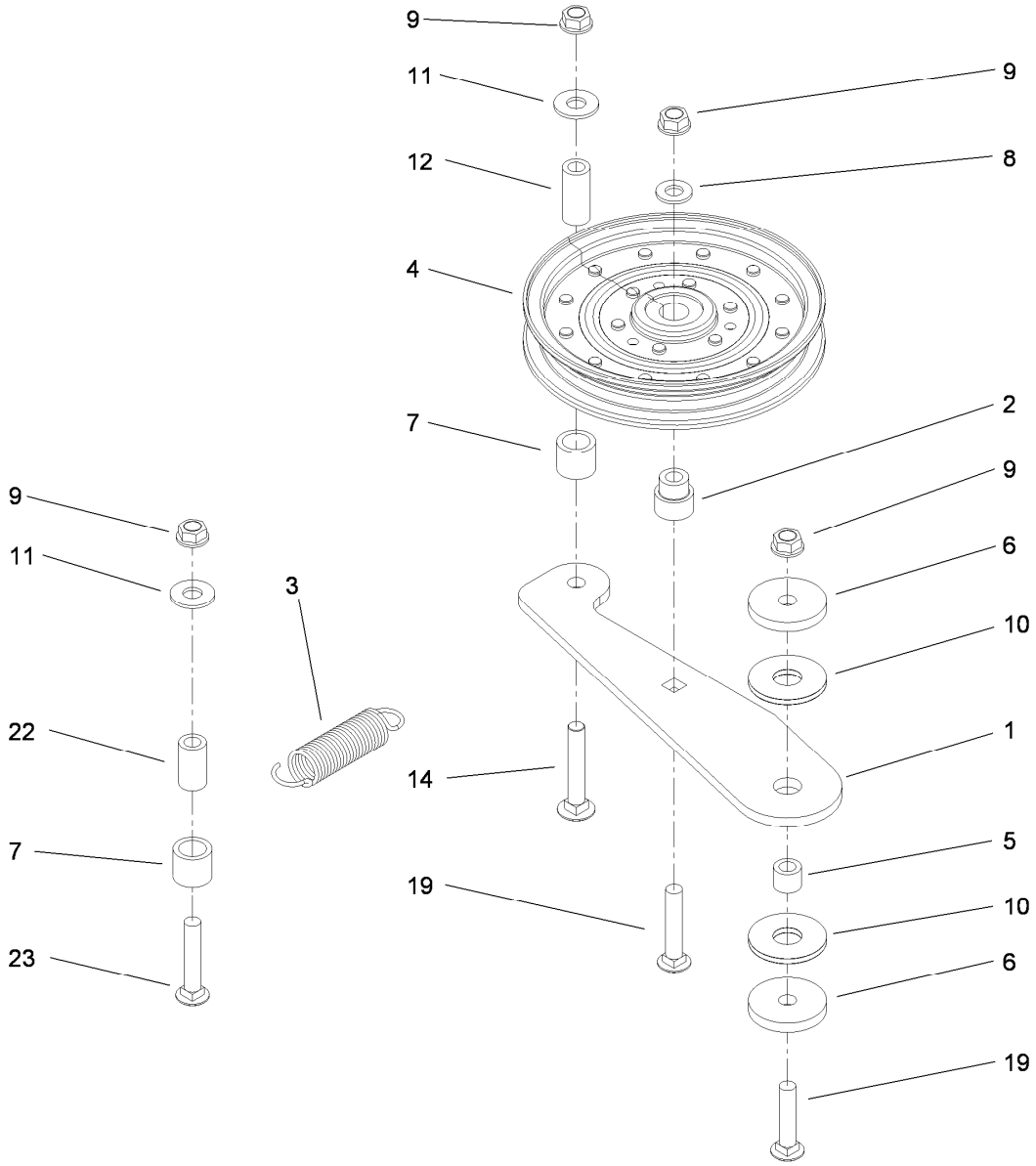
Ref.	*Part Number*	*Qty.*	*Description*
2	93-7010	3	Decal-Danger
3	98-1977	3	Decal-Warning
5	93-7818	1	Decal-Torque, Blade Bolt
7	112-3858	1	Decal-Anti Scalp
8	108-5981	1	Decal-Routing, Belt
9	114-1827	1	Decal



Spindle Assembly No. 119-8560

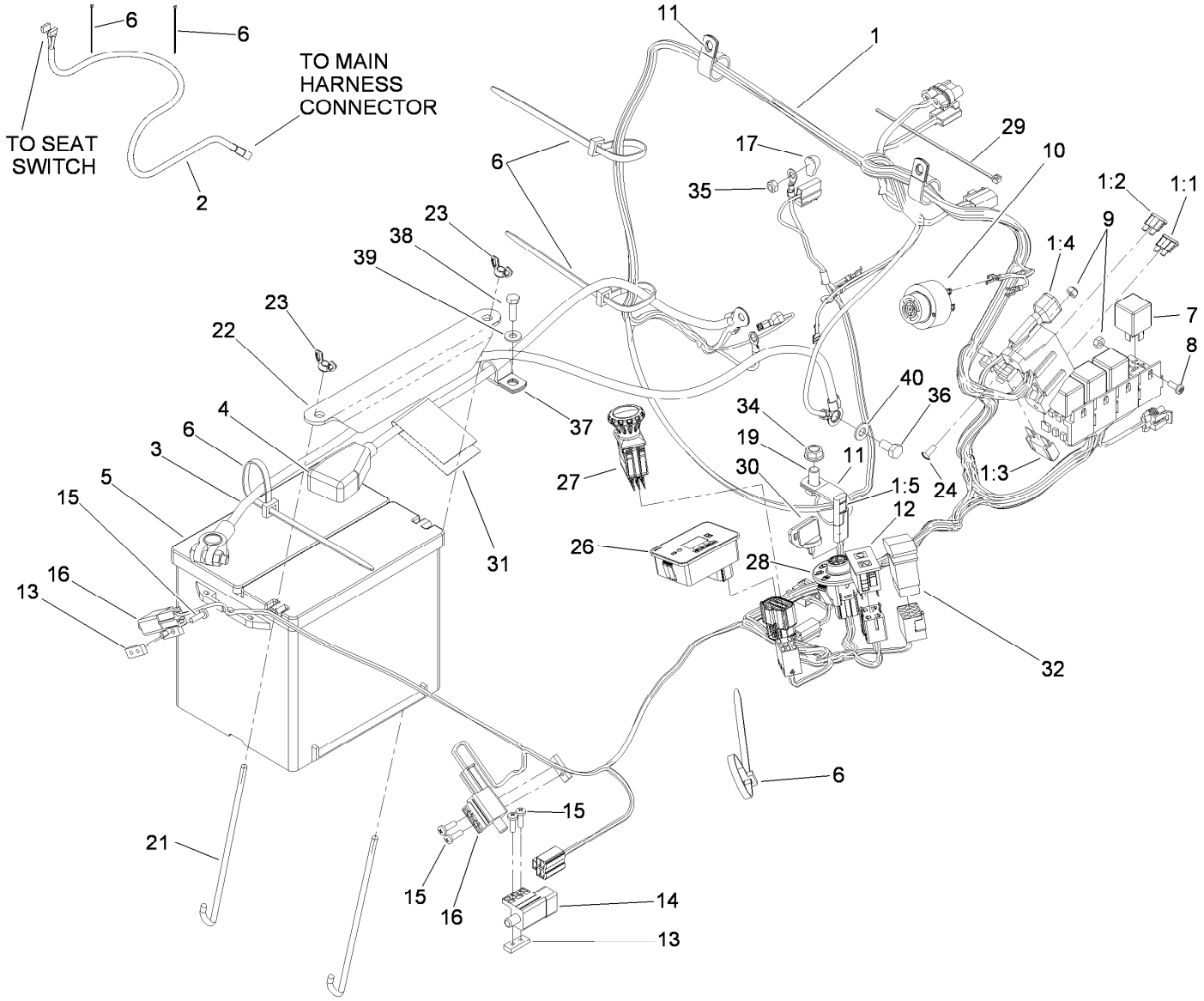
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Spindle Housing And Studs ASM ●
1:2	114-8195	6	Bolt-Ribbed Neck
2	3296-67	1	Nut-Lock, NI
3	92-5836	1	Washer
4	117-6172	1	Spindle Hub ASM
5	253-133	2	Seal-Oil
6	119-8527	1	Shaft-Spindle
6:2	302-2	1	Fitting-Grease
7	119-8532	1	Snap Ring
8	117-6184	1	Spacer
9	119-8558	2	Bearing-Noseal

● Not serviced separately



Spring Idler Assembly No. 114-1812

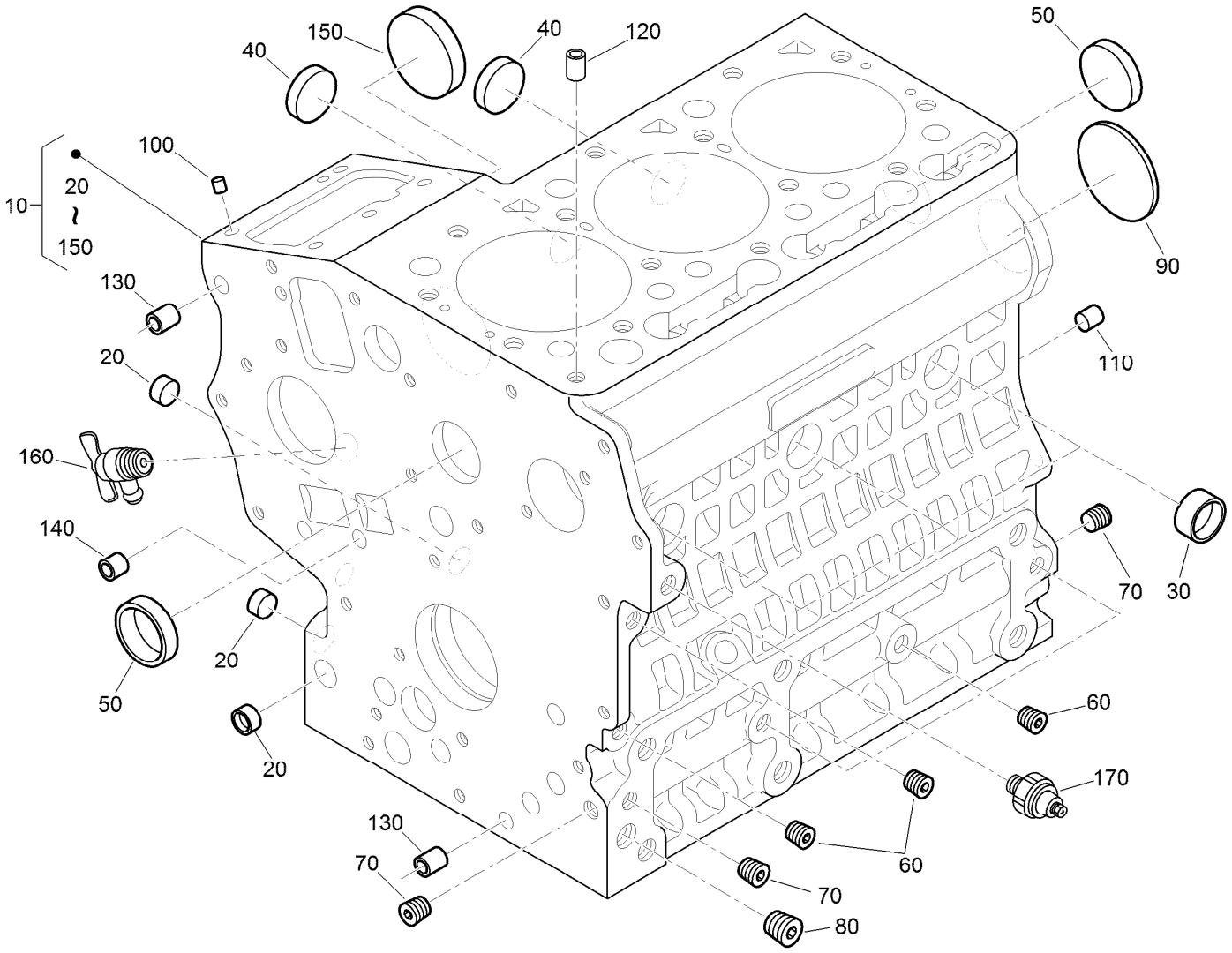
Ref.	Part Number	Qty.	Description
1	114-1815	1	Arm-Idler
2	1-603496	1	Bushing-Idler
3	108-4056	1	Spring-Extension
4	116-4667	1	Idler-Pulley, Flat
5	1-413088	1	Bushing-Lever, Lift
6	110-9981	2	Washer-Plain
7	108-4063	2	Spacer-Rubber
8	3256-24	1	Washer-Flat
9	104-8301	4	Nut-Flange, NI
10	114-0463	2	Washer-Friction, Composite
11	3256-4	2	Washer-Flat
12	1-603401	1	Spacer-Fender
14	3231-6	1	Screw-CARR
19	3231-5	2	Screw-CARR
22	104-0151	1	Spacer
23	3231-40	1	Bolt-CARR, Short Neck



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	119-0351	1	Harness-Wire
1:1	218-578	1	Fuse-Blade, 10 Amp
1:2	109103	1	Fuse-Blade, 30 Amp
1:3	94-8002	1	Fuse-Blade, 50 Amp
1:4	100-4918	1	Diode-Over Molded
1:5	116-0053	1	Cap-Plug
2	103-1227	1	Harness-Wiring, Seat
3	110-0303	1	Cable-Battery, Negative
4	110-0304	1	Cable-Battery, Positive
5	106-5187	1	Battery-Dry
6	1-303335	7	Tie-Plastic
7	1-643275	4	Relay
8	1-803071	2	Screw
9	3296-2	4	Nut-Lock, NI
10	103-0205	1	Alarm-Tone, Dual
11	1-643312	3	Clip-Loom
12	100-8071	1	Lamp-Warning
13	1-633181	3	Plate-Tapped
14	1-633111	1	Switch
15	3290-500	6	Screw-PPH
16	1-513051	2	Switch-Open, Normally

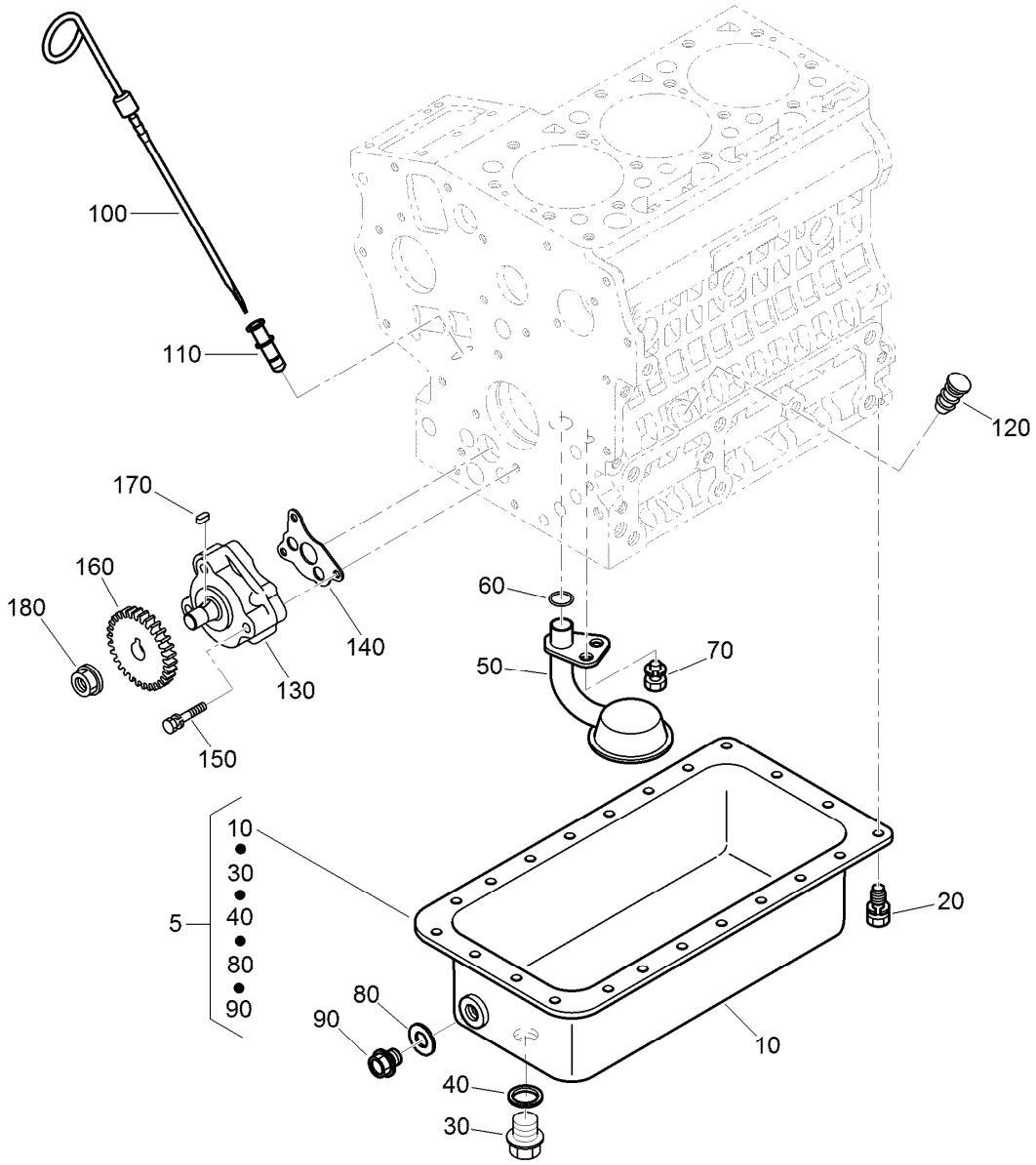
Ref.	Part Number	Qty.	Description
17	1-643178	1	Cap-Insulator, Red
19	323-4	1	Screw-HH
21	103-1312	2	Bolt-Holddown
22	103-1311-03	1	Holddown-Battery
23	1-543792	2	Wingnut
24	1-803075	2	Screw-Head, Truss
26	116-5609	1	Module ASM
27	116-0124	1	Switch-PTO, 10A
28	117-2221	1	Switch-Ignition
29	1-303287	1	Tie-Cable
30	63-8360	2	Key-Ignition
31	107-9309	1	Decal-Instructions, Charging
32	110-0811	1	Switch-Rocker
34	3290-357	1	Nut-HHF, Whiz
35	33023-00	1	Nut-Lock
36	33114-016	1	Screw-HH
37	1-633396	2	Clip-Loom
38	321-5	2	Screw-HH
39	3256-22	2	Washer-Flat
40	3256-23	1	Washer-Flat



Crankcase Assembly

Ref.	Part Number	Qty.	Description
10	130-1486	1	Crankcase ASM
20	100-2019	3	Cap-Sealing
30	100-2020	3	Cap-Sealing
40	110-3702	2	Cap-Sealing
50	98-9398	2	Cap-Sealing
60	98-9687	5	Plug
70	98-7487	3	Plug
80	98-7488	1	Plug
90	100-1851	1	Plug-Expansion

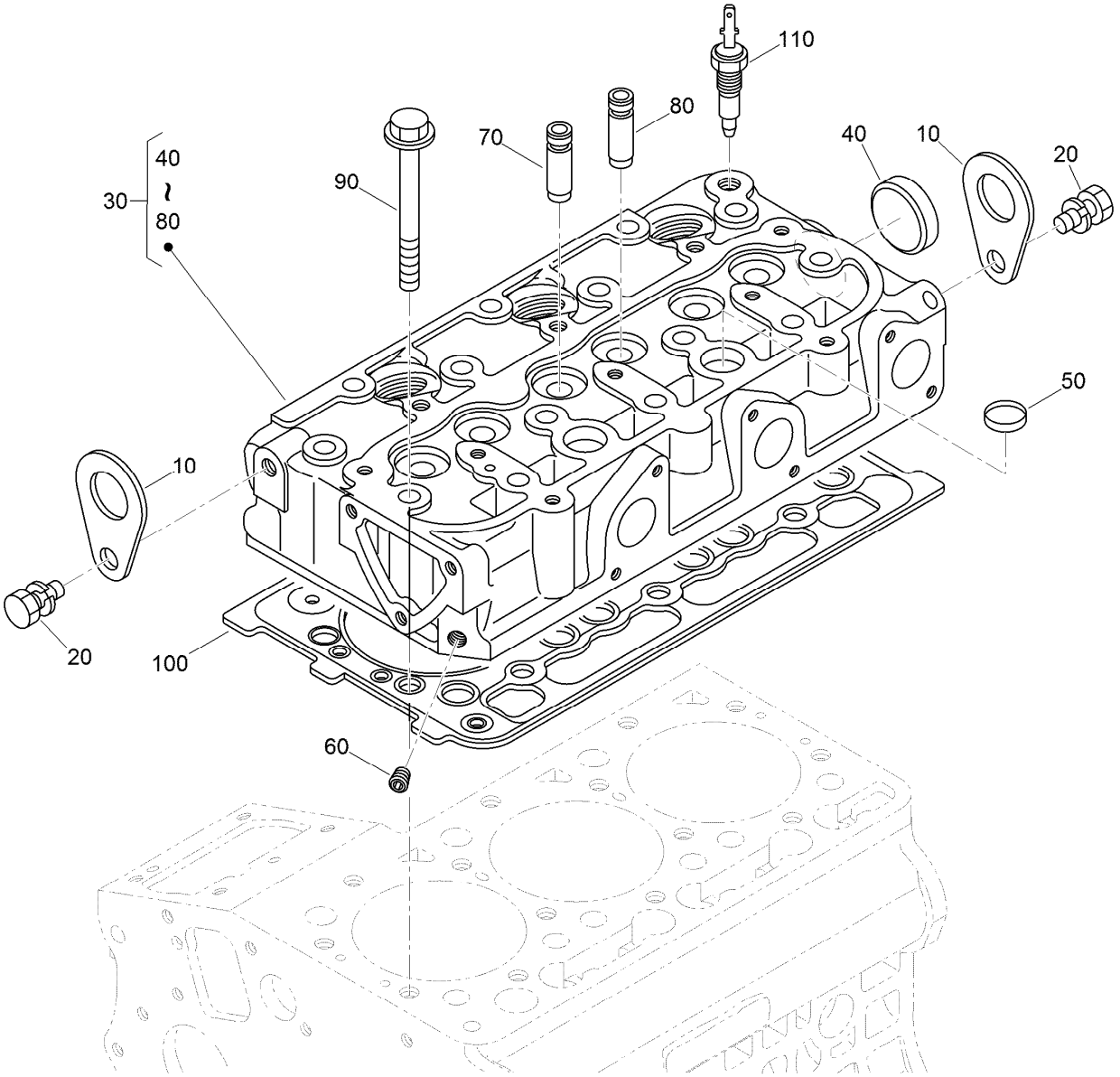
Ref.	Part Number	Qty.	Description
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-7506	1	Pin-Pipe
130	100-2051	2	Pin-Pipe
140	100-2051	2	Pin-Pipe
150	100-1991	1	Cover-Fuel, Camshaft
160	120-3121	1	Draincock ASM
170	100-2230	1	Switch-Oil



Oil Pan, Oil Pump and Dipstick Assembly

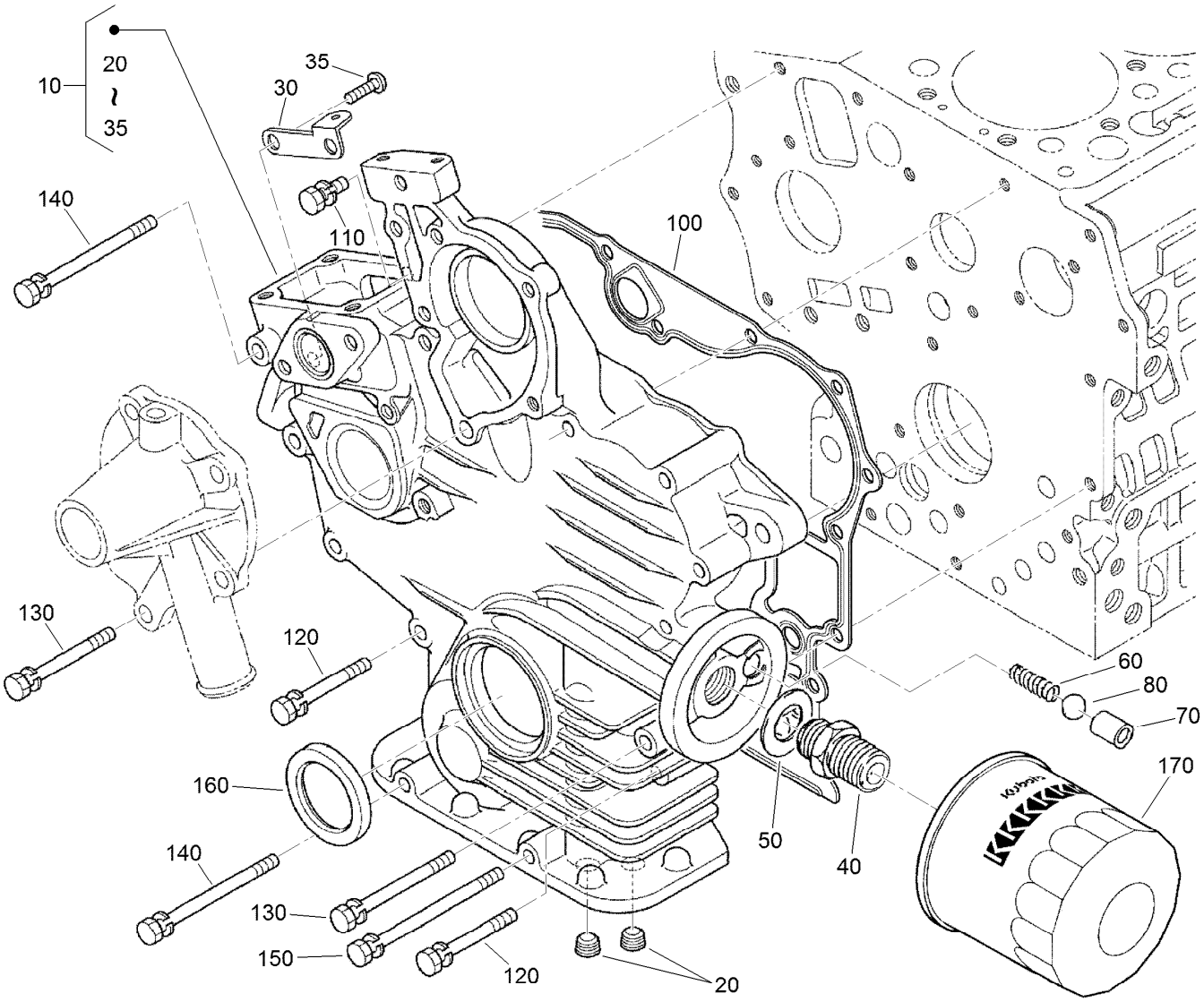
Ref.	Part Number	Qty.	Description
5	112-8327	1	Oil Pan Kit
10	112-2523	1	Pan-Oil
20	98-9350	22	Bolt
30	114-8151	1	Plug-Drain
40	110-9715	1	Gasket-Pan, Oil
50	100-2001	1	Strainer-Pickup, Oil
60	105-3776	1	O-Ring
70	100-9195	1	Bolt
80	98-7524	1	Gasket
90	98-9686	1	Plug-Drain

Ref.	Part Number	Qty.	Description
100	110-3719	1	Gauge-Oil
110	105-4580	1	Guide-Gauge, Oil
120	110-3720	1	Plug-Gauge, Oil
130	100-2002	1	Oil Pump ASM
140	100-2003	1	Gasket-Pump, Oil
150	100-1923	3	Bolt
160	130-1419	1	Gear-Drive, Oil Pump
170	98-7658	1	Key-Feather
180	100-1779	1	Nut-Flange



Cylinder Head Assembly

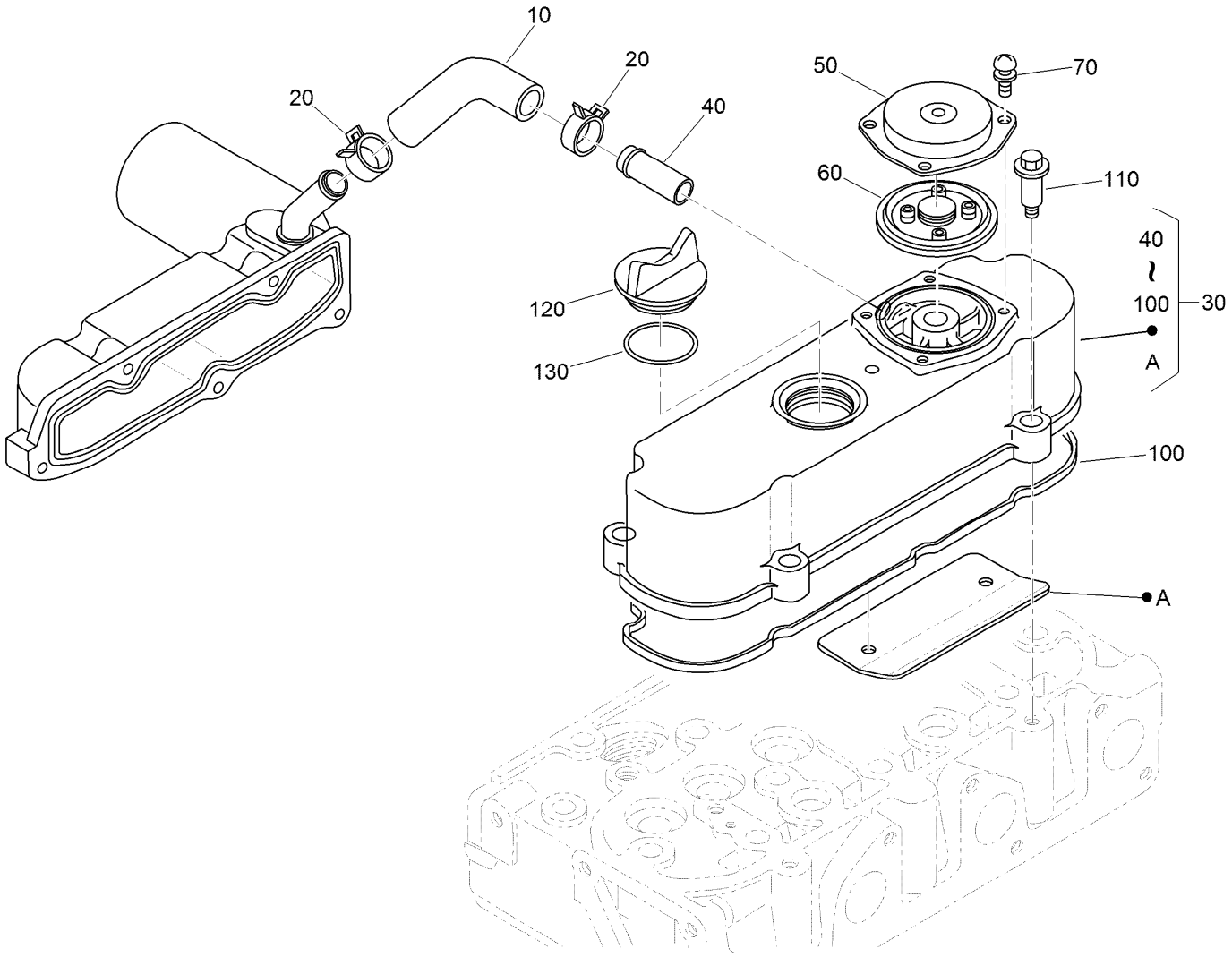
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7531	2	Hook-Engine
20	98-7526	2	Bolt
30	130-1504	1	Cylinder Head ASM
40	105-3705	1	Cap-Sealing
50	98-9389	2	Cap-Sealing
60	98-9687	1	Plug
70	100-1882	3	Guide-Valve, Inlet
80	100-1883	3	Guide-Valve, Exhaust
90	100-1820	14	Bolt-Head, Cylinder
100	112-2520	1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



Gear Case and Oil Filter Cartridge Assembly

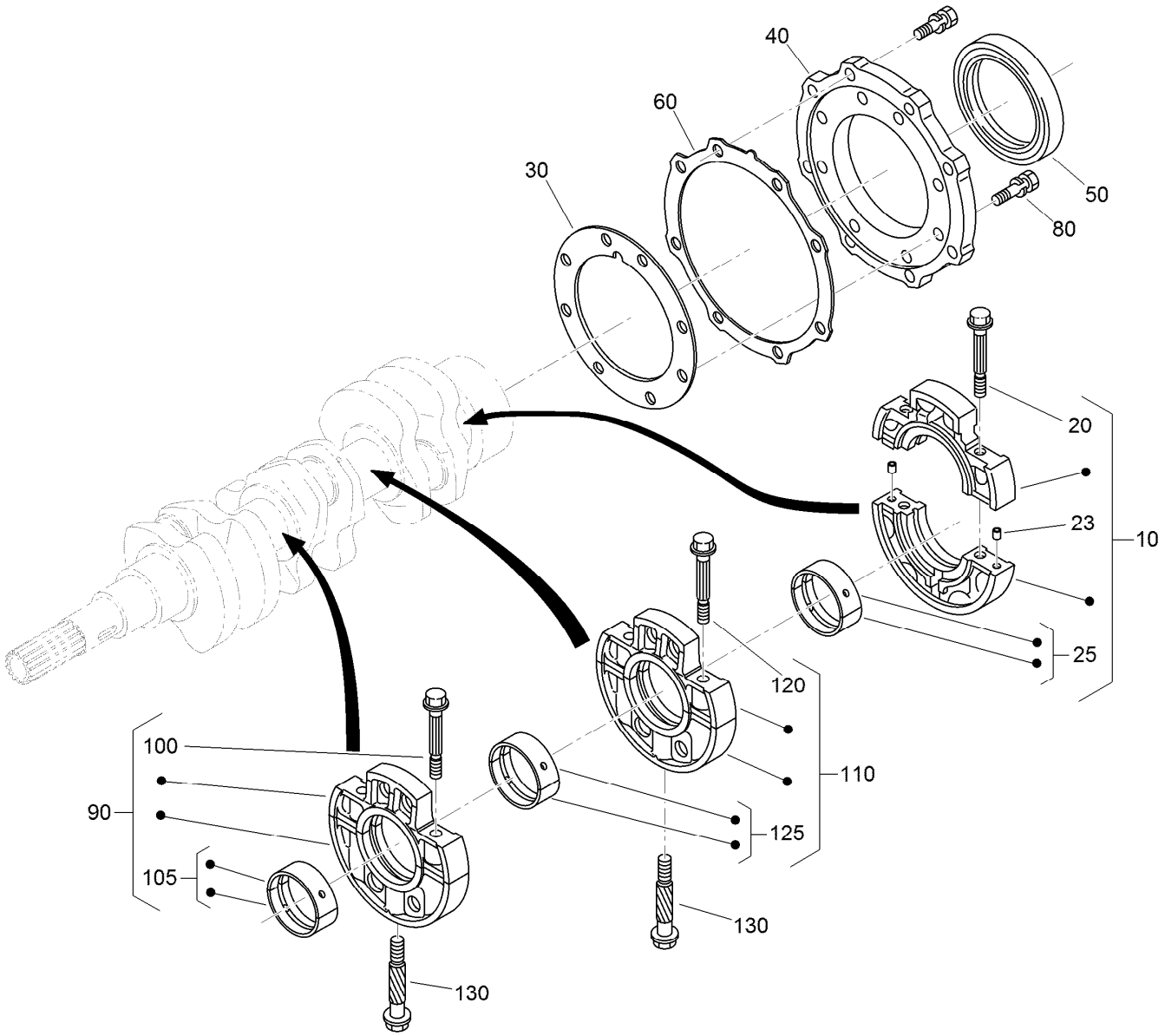
Ref.	Part Number	Qty.	Description
10	110-3707	1	Case-Gear
20	98-7488	2	Plug
30	110-3708	1	Stay-Spring, Start
35	100-2040	2	Screw
40	98-9388	1	Joint-Pipe
50	100-1926	1	Washer-Plain
60	100-2004	1	Spring
70	100-1894	1	Seat-Valve
80	100-1792	1	Ball

Ref.	Part Number	Qty.	Description
100	117-0327	1	Gasket-Case, Gear
110	127-0403	1	Bolt-Flange
120	125-9063	9	Bolt-Sems
130	100-1922	2	Bolt
140	98-9357	2	Bolt
150	110-3710	1	Bolt
160	120-7852	1	Seal-Oil
170	115-8189	1	Filter-Oil, Engine



Cylinder Head Cover Assembly

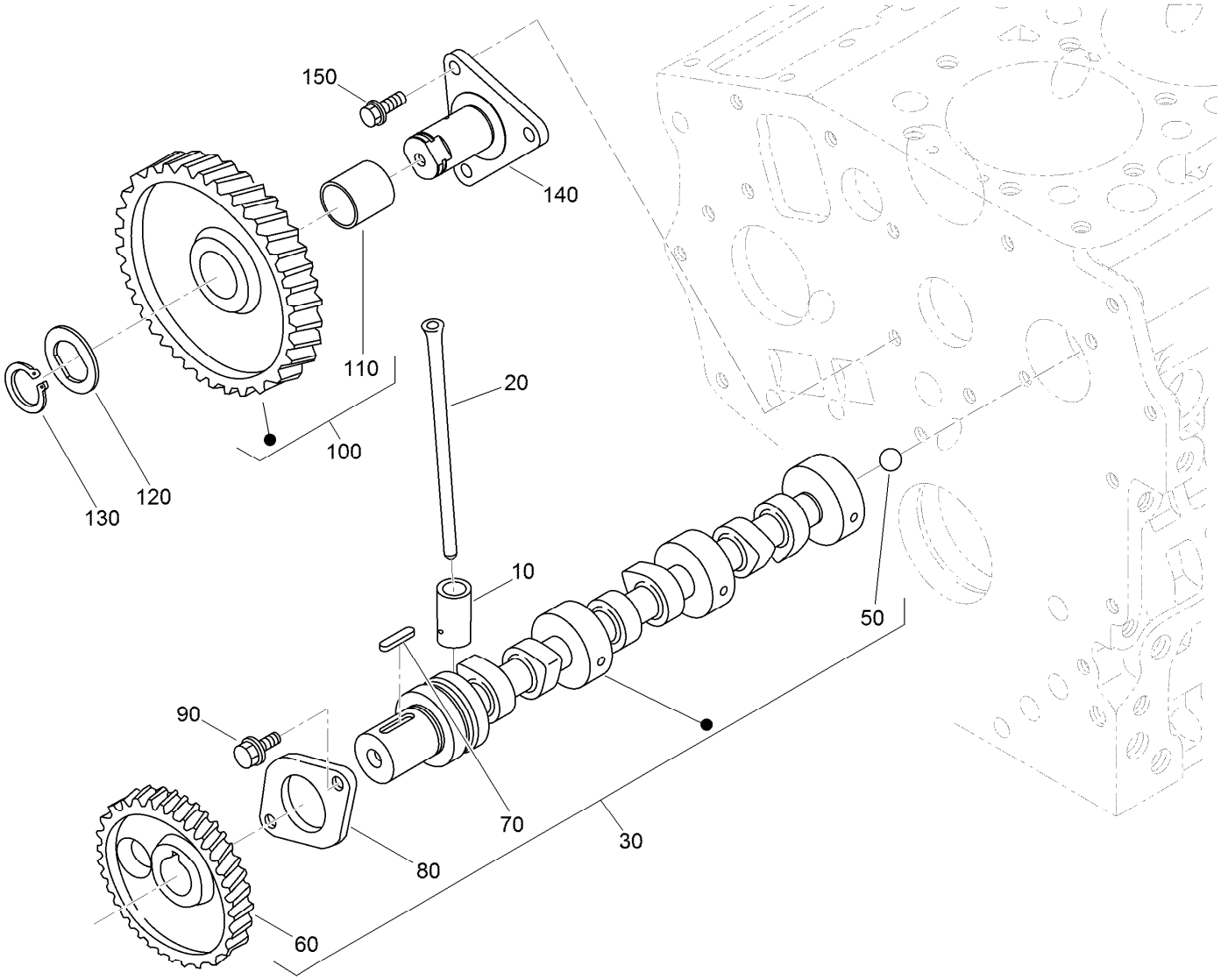
Ref.	*Part Number*	*Qty.*	*Description*
10	120-3139	1	Tube-Breather
20	110-3712	2	Clamp-Hose
30	112-8332	1	Cylinder Head Cover ASM
40	98-9580	1	Pipe-Return, Water
50	110-3714	1	Cover-Breather
60	110-3715	1	Valve-Breather
70	98-9364	4	Screw (With Washer)
100	112-2521	1	Gasket-Cover, Head
110	108-7063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



Main Bearing Case Assembly

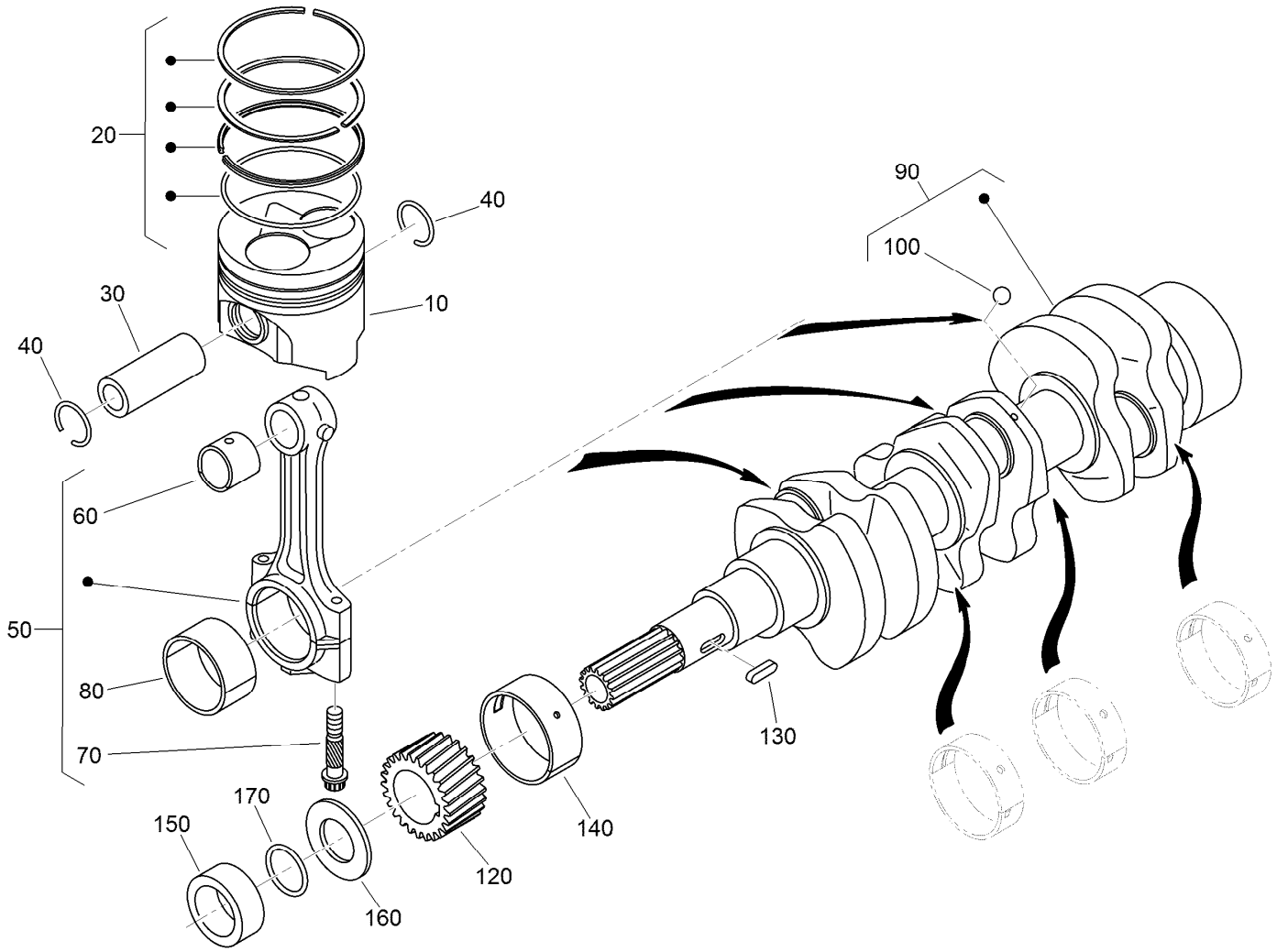
Ref.	Part Number	Qty.	Description
10	125-9064	1	Wheel Bearing Case ASM
20	125-9065	2	Bolt-Flange
23	125-9082	2	Pin-Straight
25	125-9066	1	Crankshaft Metal ASM (STD)
25	125-9067	1	Crankshaft Metal ASM (-0.20Mm)
25	125-9068	1	Crankshaft Metal ASM (-0.40Mm)
30	100-1873	1	Gasket-Case, Bearing
40	112-8334	1	Cover-Case, Bearing
50	110-3724	1	Seal-Oil
60	100-1876	1	Gasket-Cover, Case
80	100-1750	16	Bolt
90	130-1417	1	Main Bearing Case ASM
100	110-3723	2	Bolt-Case, Bearing

Ref.	Part Number	Qty.	Description
105	110-3741	1	Crankshaft Metal ASM (STD)
105	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
105	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
110	130-1418	1	Main Bearing Case ASM
120	110-3723	2	Bolt-Case, Bearing
125	110-3741	1	Crankshaft Metal ASM (STD)
125	125-9083	1	Crankshaft Metal ASM (-0.20Mm)
125	110-3743	1	Crankshaft Metal ASM (-0.40Mm)
130	100-1874	2	Bolt-Case, Bearing



Camshaft and Idle Gear Shaft Assembly

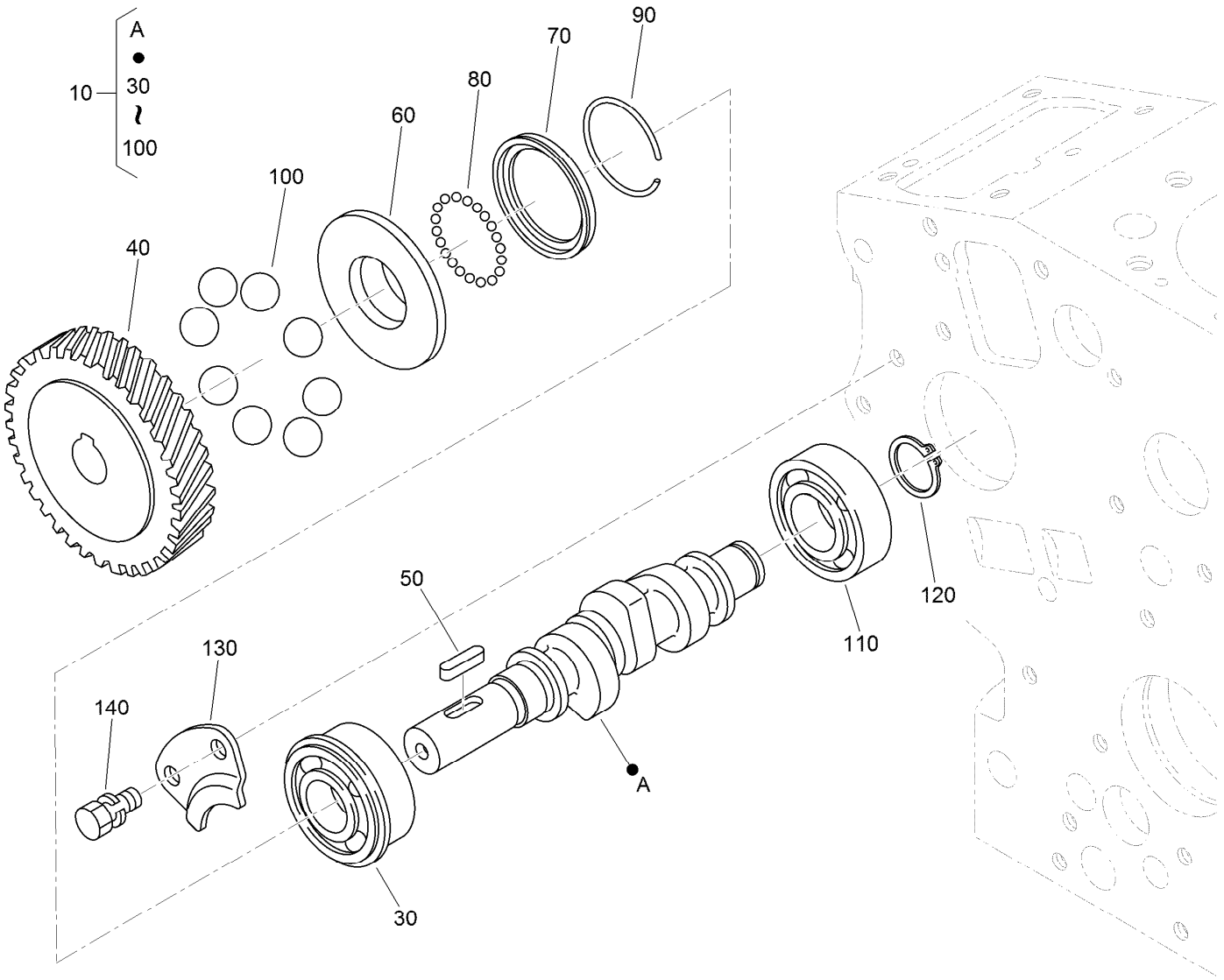
Ref.	*Part Number*	*Qty.*	*Description*
10	110-3727	6	Tappet
20	100-1989	6	Rod-Push
30	120-3126	1	Camshaft ASM
50	110-3729	1	Ball
60	130-1534	1	Gear-Cam
70	98-9378	1	Key-Feather
80	100-1887	1	Stopper-Camshaft
90	98-9350	2	Bolt
100	121-2421	1	Idle Gear ASM
110	121-2422	1	Bushing
120	100-1970	1	Collar-Gear,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



Piston and Crankshaft Assembly

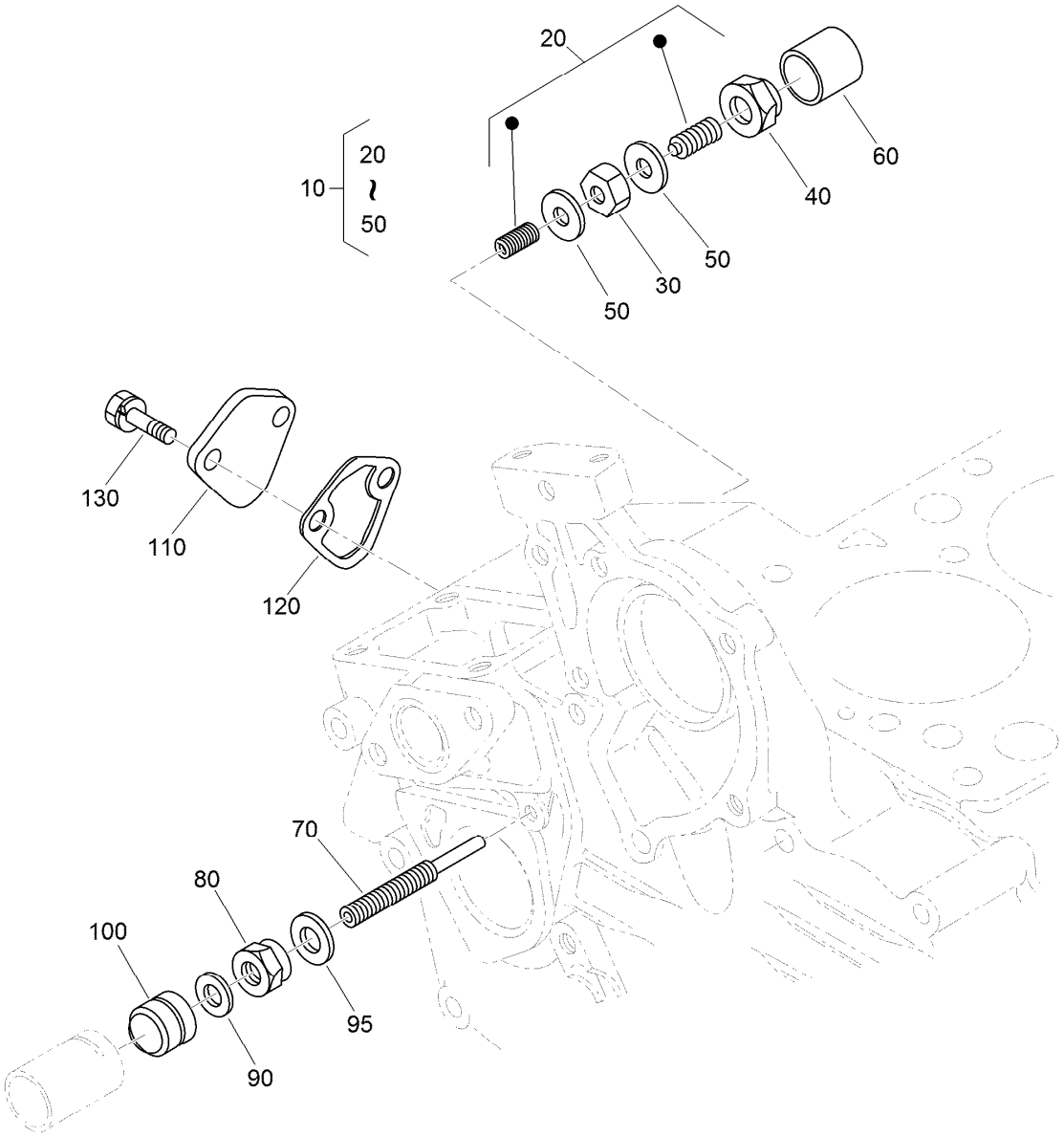
Ref.	Part Number	Qty.	Description
10	130-1518	3	Piston
10	130-1520	3	Piston
20	130-1516	3	Piston Ring ASM
20	130-1517	3	Piston Ring ASM
30	110-3734	3	Pin-Piston
40	100-1835	6	Circlip-Internal
50	125-9070	3	Connecting Rod ASM
60	110-3736	3	Bushing-Pin, Piston
70	100-1999	6	Bolt-Rod, Connecting
80	100-2000	3	Metal-Crankpin (STD)
80	121-3849	3	Metal-Crankpin (-.20Mm)

Ref.	Part Number	Qty.	Description
80	121-2420	3	Metal-Crankpin (-.40Mm)
90	117-0308	1	Crankshaft
100	100-1791	3	Ball
120	100-1891	1	Gear-Crankshaft
130	100-1752	1	Key-Feather
140	110-3738	1	Metal-Crankshaft (STD)
140	121-2424	1	Metal-Crankshaft (-.20Mm)
140	121-2425	1	Metal-Crankshaft (-.40Mm)
150	100-1890	1	Collar-Crankshaft
160	100-1974	1	Slinger-Oil
170	100-2209	1	O-Ring



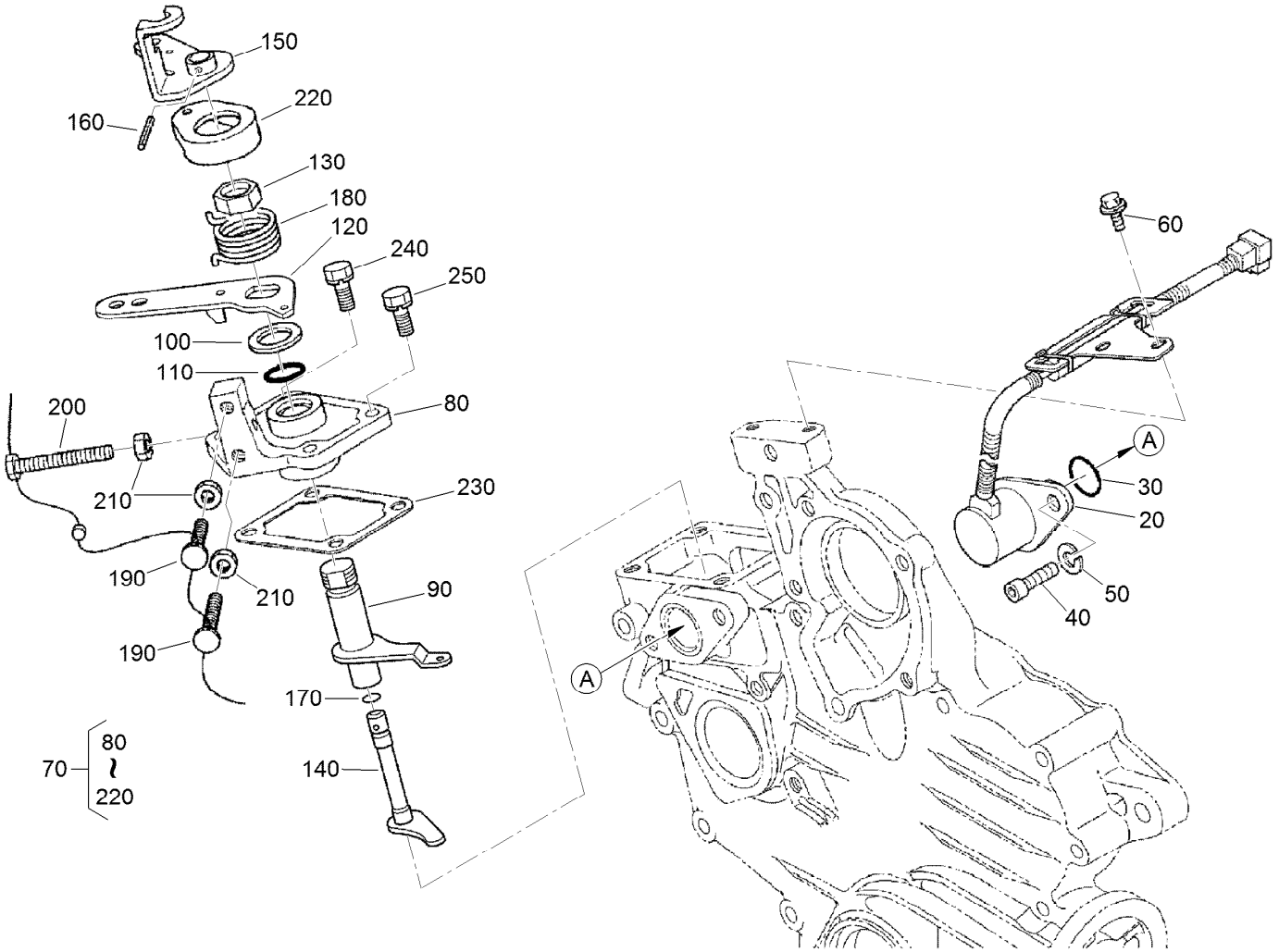
Fuel Camshaft Assembly

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

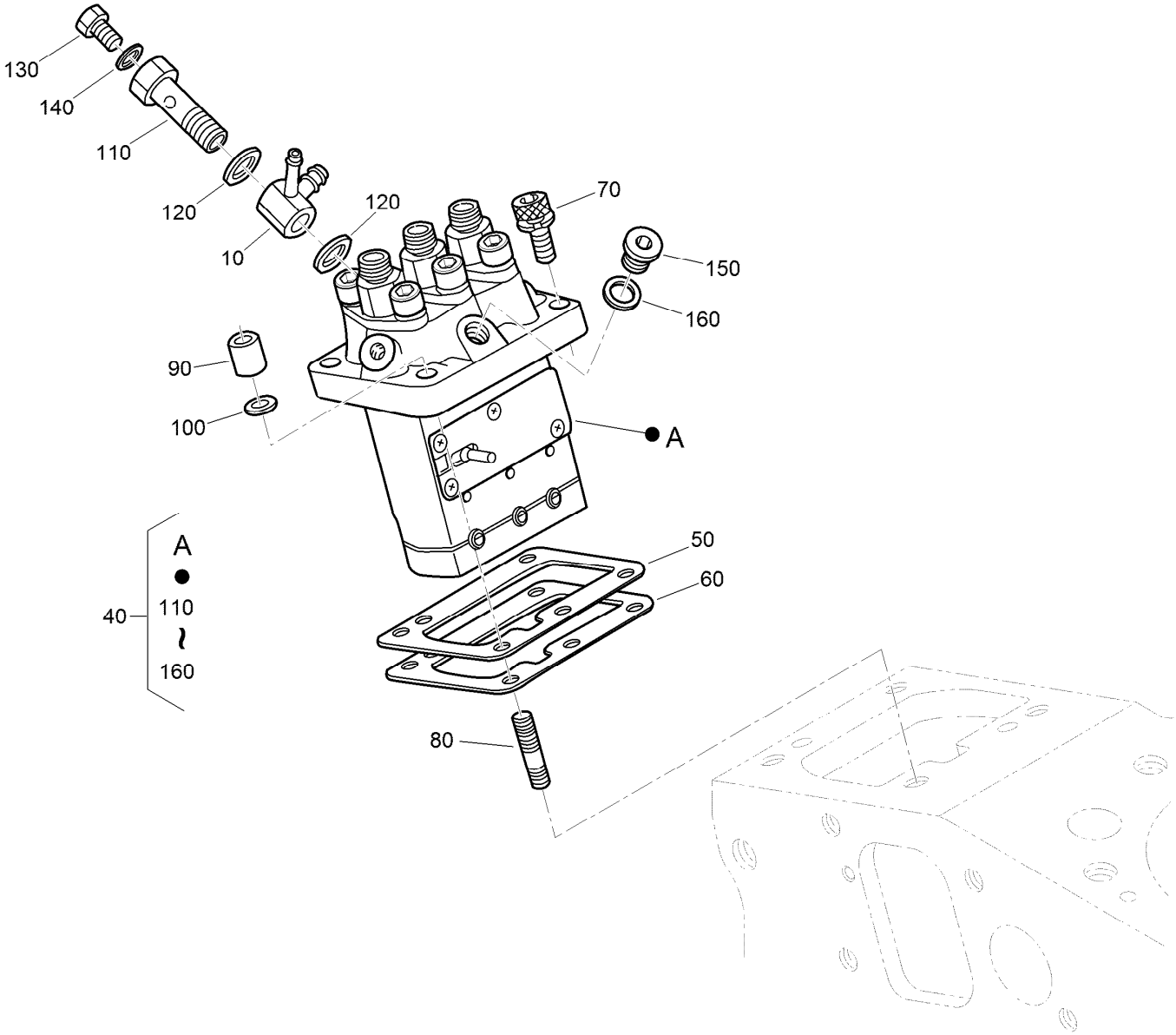
Ref.	*Part Number*	*Qty.*	*Description*
10	100-1898	1	Idle Apparatus ASM
20	100-1899	1	Adjusting Bolt ASM
30	100-1846	1	Nut
40	100-1901	1	Nut-Cap
50	98-7428	2	Gasket
60	100-1902	1	Cap
70	110-3758	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	98-7654	1	Gasket
95	107-9081	1	Gasket
100	99-8387	1	Nut-Cap
110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

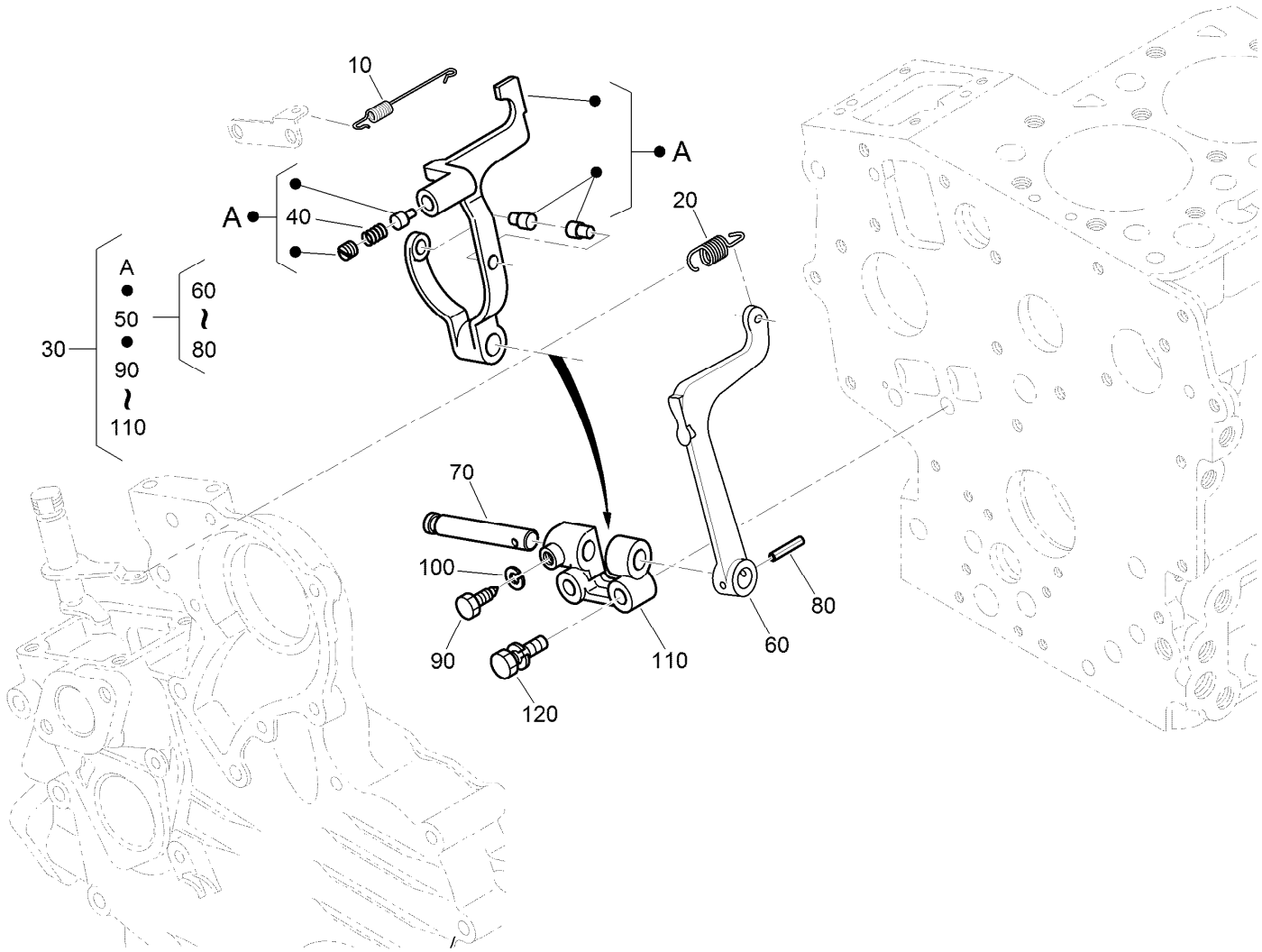
Ref.	Part Number	Qty.	Description
140	110-3775	1	Shaft-Lever
150	110-3776	1	Lever-Stop, Engine
160	110-3777	1	Pin-Spring
170	100-2207	1	O-Ring
180	110-3778	1	Spring-Return
190	120-3133	2	Screw-Stopper
200	120-3134	1	Bolt
210	98-7572	3	Nut
220	110-3779	1	Cap
230	100-1962	1	Gasket-Plate, Control
240	127-0403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



Injection Pump Assembly

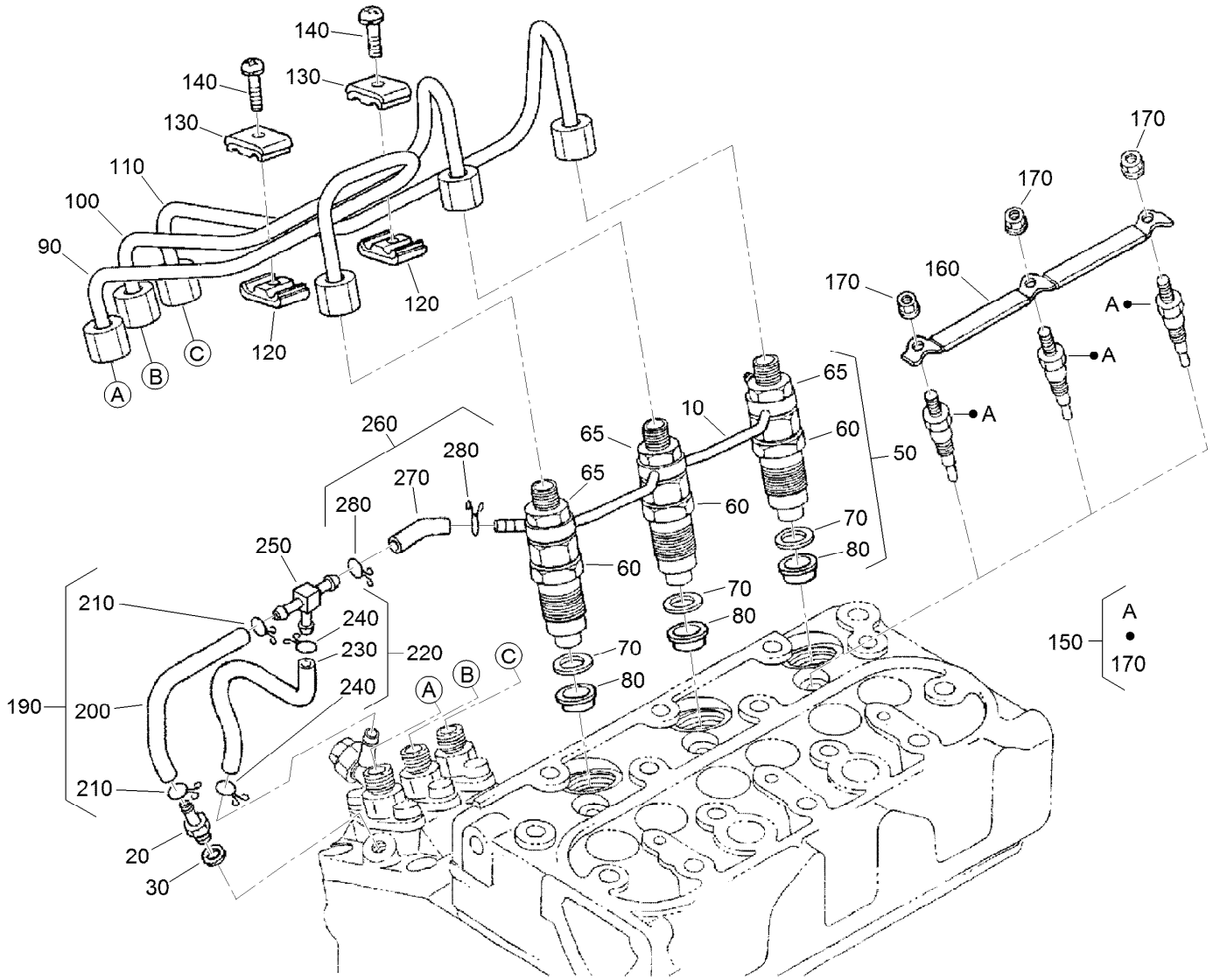
Ref.	Part Number	Qty.	Description
10	110-3764	1	Joint
40	110-3765	1	Injection Pump ASM
50	115-3045	1	Shim-Injection (0.175Mm)
50	98-9456	1	Shim-Injection (0.20Mm)
50	98-9457	1	Shim-Injection (0.25Mm)
60	98-9458	1	Shim-Injection (0.30Mm)
60	115-3046	1	Shim-Injection (0.35Mm)
70	117-7564	2	Bolt-Hex Soc HD
80	98-9438	2	Stud

Ref.	Part Number	Qty.	Description
90	98-9440	2	Nut-Cap
100	98-7699	2	Washer-Spring
110	100-1896	1	Screw-Hollow
120	98-9445	2	Gasket
130	98-9430	1	Screw
140	98-9446	1	Gasket
150	98-9466	1	Plug
160	98-9451	1	Gasket



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	100-2204	1	Washer-Spring
110	100-1909	1	Holder-Lever, Fork
120	100-1763	2	Bolt

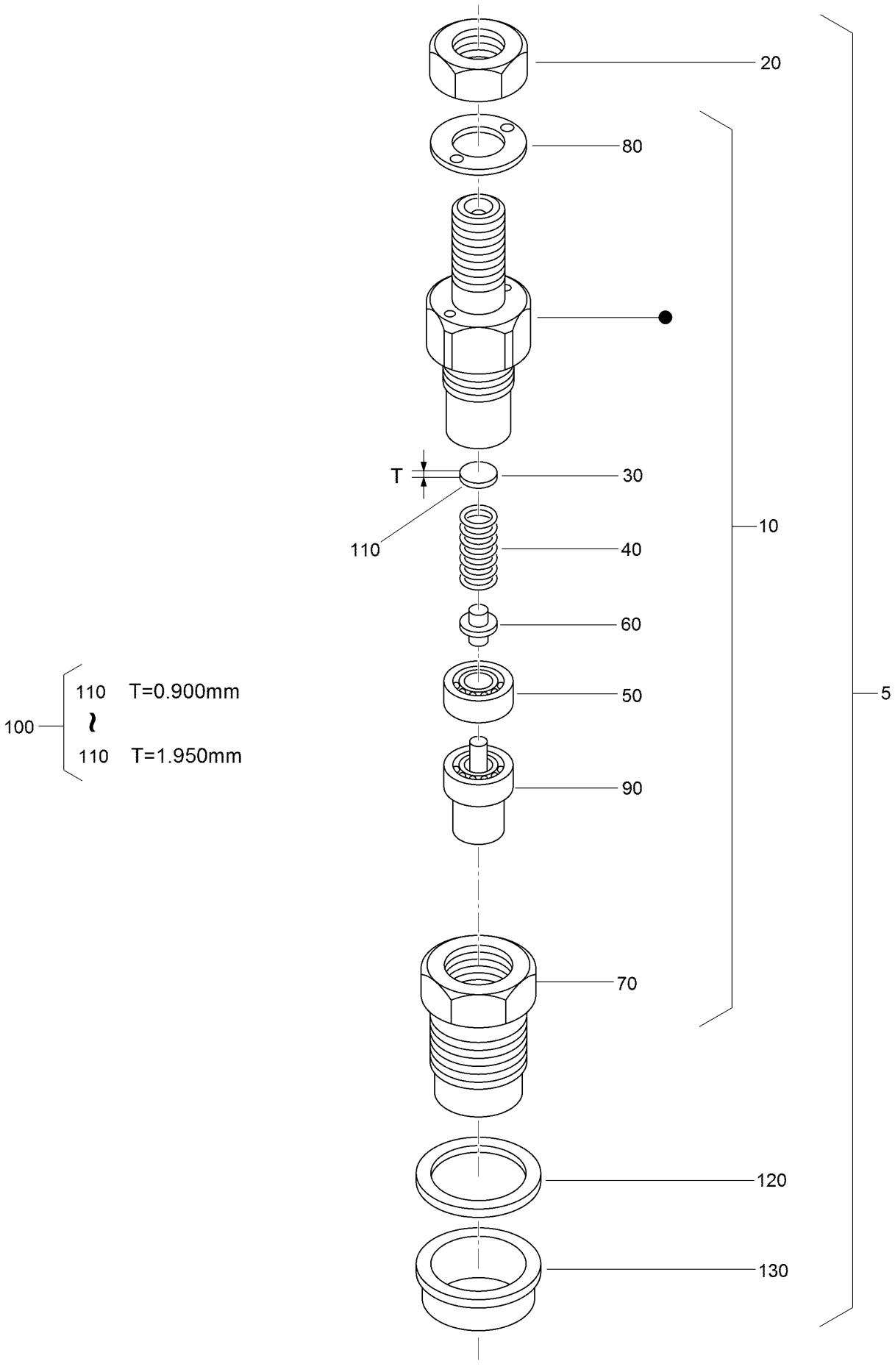


Nozzle Holder and Glow Plug Assembly

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)

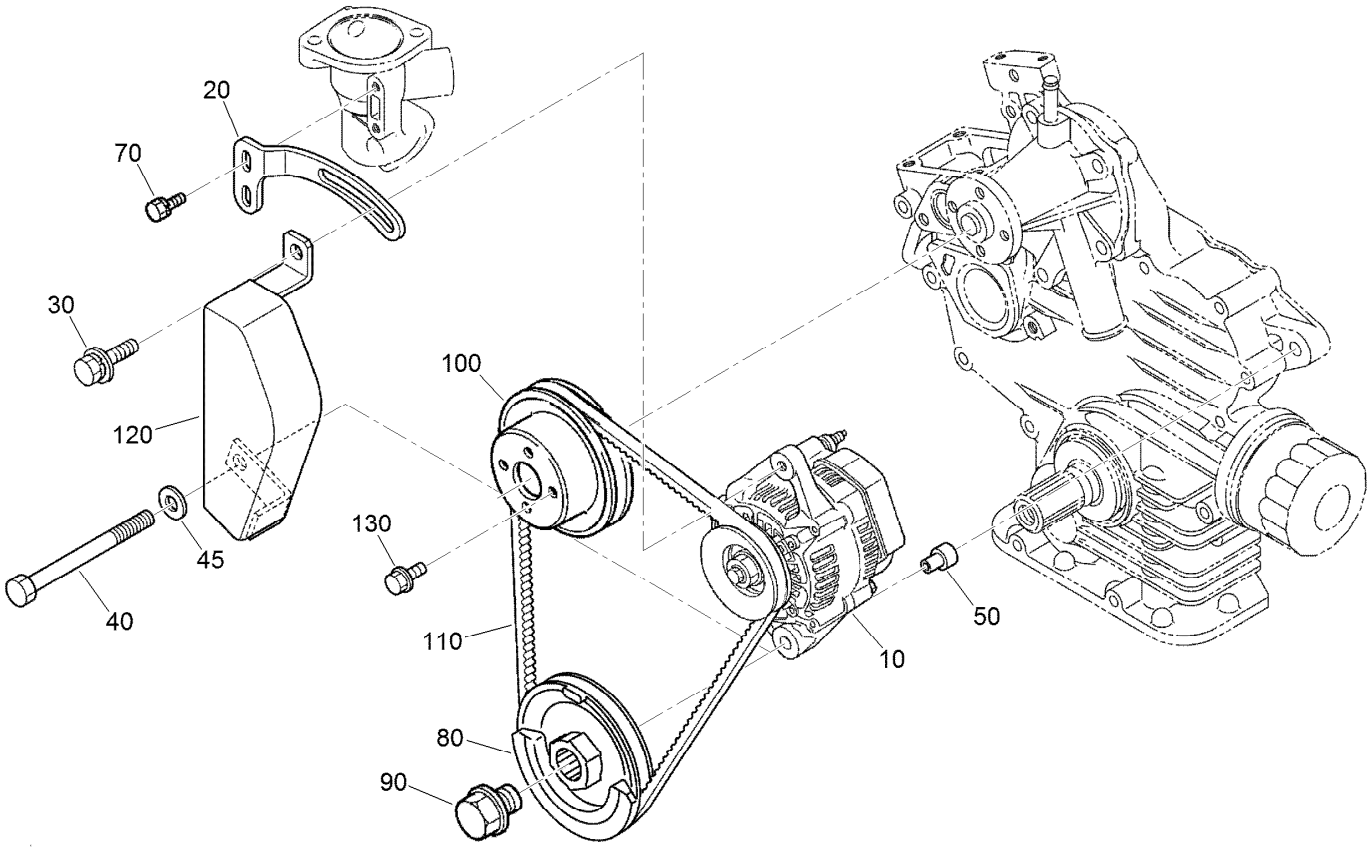
Ref.	Part Number	Qty.	Description
150	130-1411	3	Plug-Glow
160	110-3784	1	Cord-Plug, Glow
170	99-8377	3	Nut-Flange
190	110-3785	1	Fuel Tube ASM
200	110-3786	1	Tube-Fuel
210	98-7671	2	Clip-Pipe
220	110-3787	1	Fuel Tube ASM
230	110-3788	1	Tube-Fuel
240	98-7671	2	Clip-Pipe
250	112-8338	1	Pipe-Joint, T
260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

Nozzle Holder Assembly



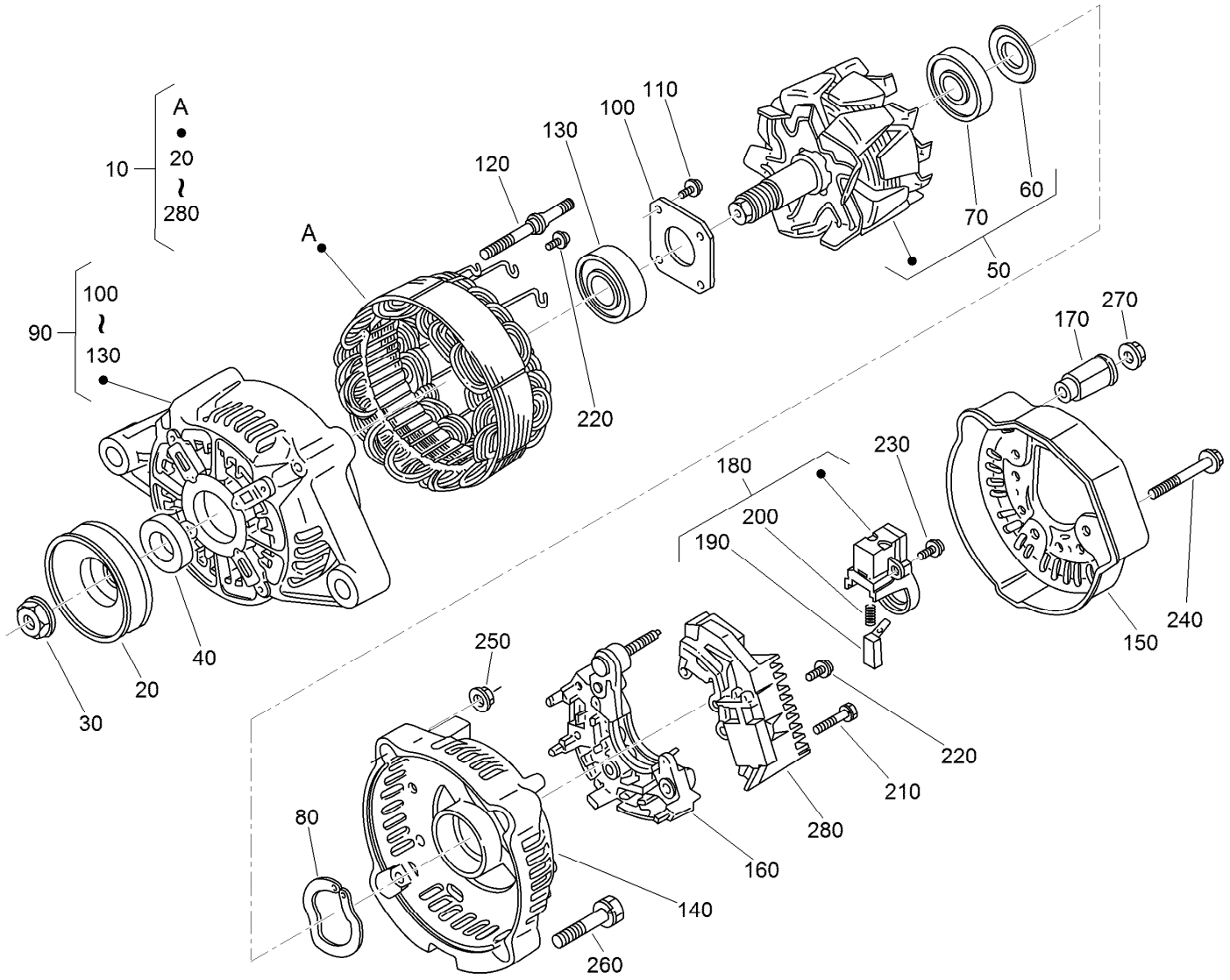
Nozzle Holder Assembly (continued)

Ref.	Part Number	Qty.	Description
5	130-1305	3	Nozzle Holder Kit
10	130-1303	3	Nozzle Holder ASM
20	121-2411	3	Nut
30	99-8302	3	Washer-Adjusting
40	99-8303	3	Spring-Nozzle
50	99-8304	3	Spacer-Distance
60	99-8305	3	Rod-Push
70	130-1304	3	Nut-Nozzle
80	99-8307	3	Washer-Plain
90	130-1497	3	Nozzle-Piece
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)
110	98-7845	3	Washer-Adjusting (1.025Mm)
110	98-7846	3	Washer-Adjusting (1.050Mm)
110	98-7847	3	Washer-Adjusting (1.075Mm)
110	98-7848	3	Washer-Adjusting (1.100Mm)
110	98-7849	3	Washer-Adjusting (1.125Mm)
110	98-7850	3	Washer-Adjusting (1.150Mm)
110	98-7851	3	Washer-Adjusting (1.175Mm)
110	98-7852	3	Washer-Adjusting (1.200Mm)
110	98-7853	3	Washer-Adjusting (1.225Mm)
110	98-7854	3	Washer-Adjusting (1.250Mm)
110	98-7855	3	Washer-Adjusting (1.275Mm)
110	98-7856	3	Washer-Adjusting 1.300Mm)
110	98-7857	3	Washer-Adjusting (1.325Mm)
110	98-7858	3	Washer-Adjusting (1.350Mm)
110	98-7859	3	Washer-Adjusting (1.375Mm)
110	98-7860	3	Washer-Adjusting (1.400Mm)
110	98-7861	3	Washer-Adjusting (1.425Mm)
110	98-7862	3	Washer-Adjusting (1.450Mm)
110	98-7863	3	Washer-Adjusting (1.475Mm)
110	98-7864	3	Washer-Adjusting (1.500Mm)
110	98-7865	3	Washer-Adjusting (1.525Mm)
110	98-7866	3	Washer-Adjusting (1.550Mm)
110	98-7867	3	Washer-Adjusting (1.575Mm)
110	98-7868	3	Washer-Adjusting (1.600Mm)
110	98-7869	3	Washer-Adjusting (1.625Mm)
110	98-7870	3	Washer-Adjusting (1.650Mm)
110	98-7871	3	Washer-Adjusting (1.675Mm)
110	98-7872	3	Washer-Adjusting (1.700Mm)
110	98-7873	3	Washer-Adjusting (1.725Mm)
110	98-7874	3	Washer-Adjusting (1.750Mm)
110	98-7875	3	Washer-Adjusting (1.775Mm)
110	98-7876	3	Washer-Adjusting (1.800Mm)
110	98-7877	3	Washer-Adjusting (1.825Mm)
110	98-7878	3	Washer-Adjusting (1.850Mm)
110	98-7879	3	Washer-Adjusting (1.875Mm)
110	98-7880	3	Washer-Adjusting (1.900Mm)
110	98-7881	3	Washer-Adjusting (1.925Mm)
110	98-7882	3	Washer-Adjusting (1.950Mm)
120	98-7676	3	Gasket
130	98-7677	3	Seal-Heat



Alternator and Pulley Assembly

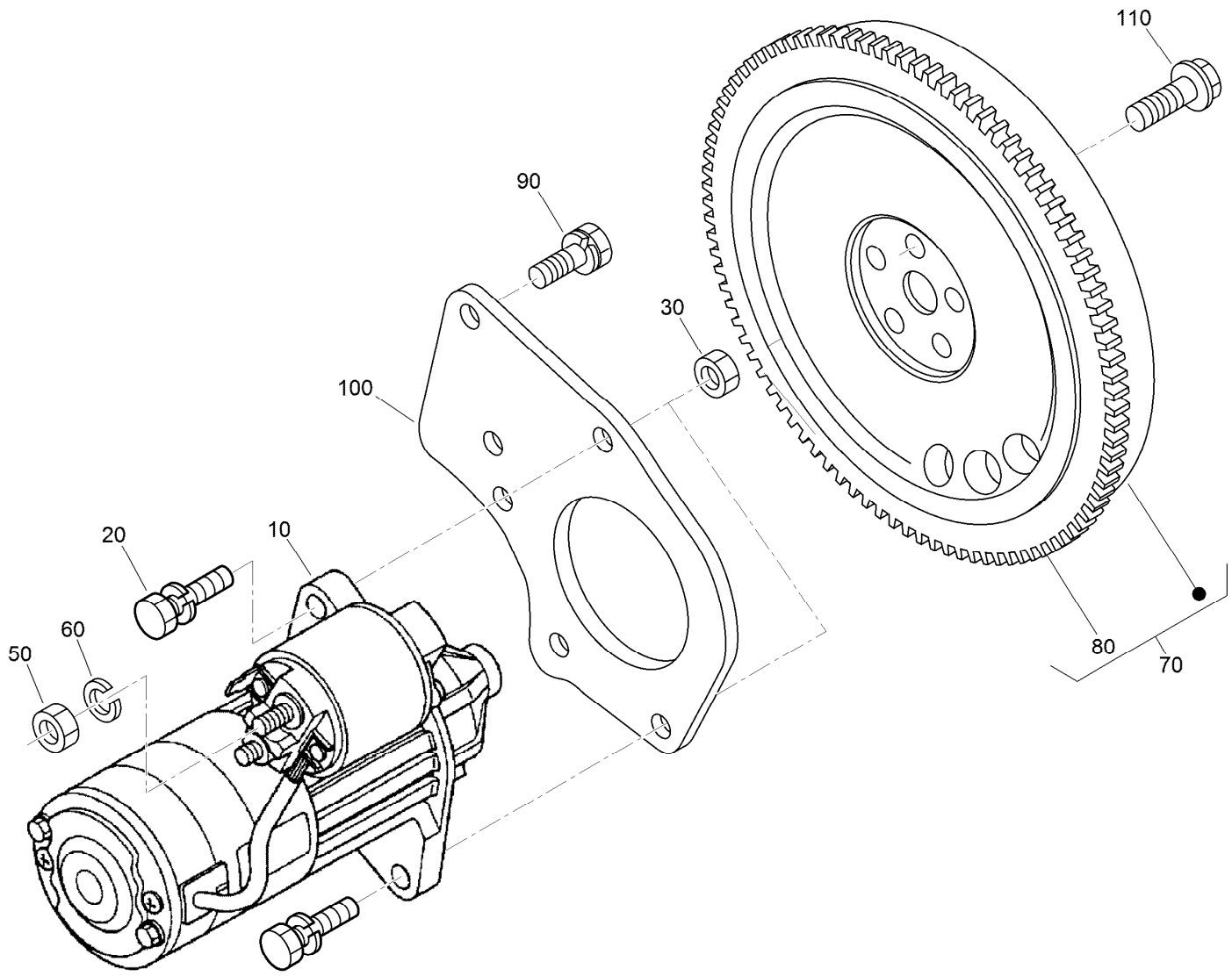
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9474	1	Alternator ASM
20	110-3792	1	Stay-Alternator
30	121-3800	1	Bolt-Sems
40	110-3793	1	Bolt
45	120-5832	1	Washer-Plain
50	110-3794	1	Collar
70	98-7692	2	Bolt
80	110-3795	1	Pulley-Drive, Fan
90	100-1978	1	Bolt
100	100-1921	1	Pulley-Fan
110	110-3796	1	Belt-V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



Alternator Components Assembly

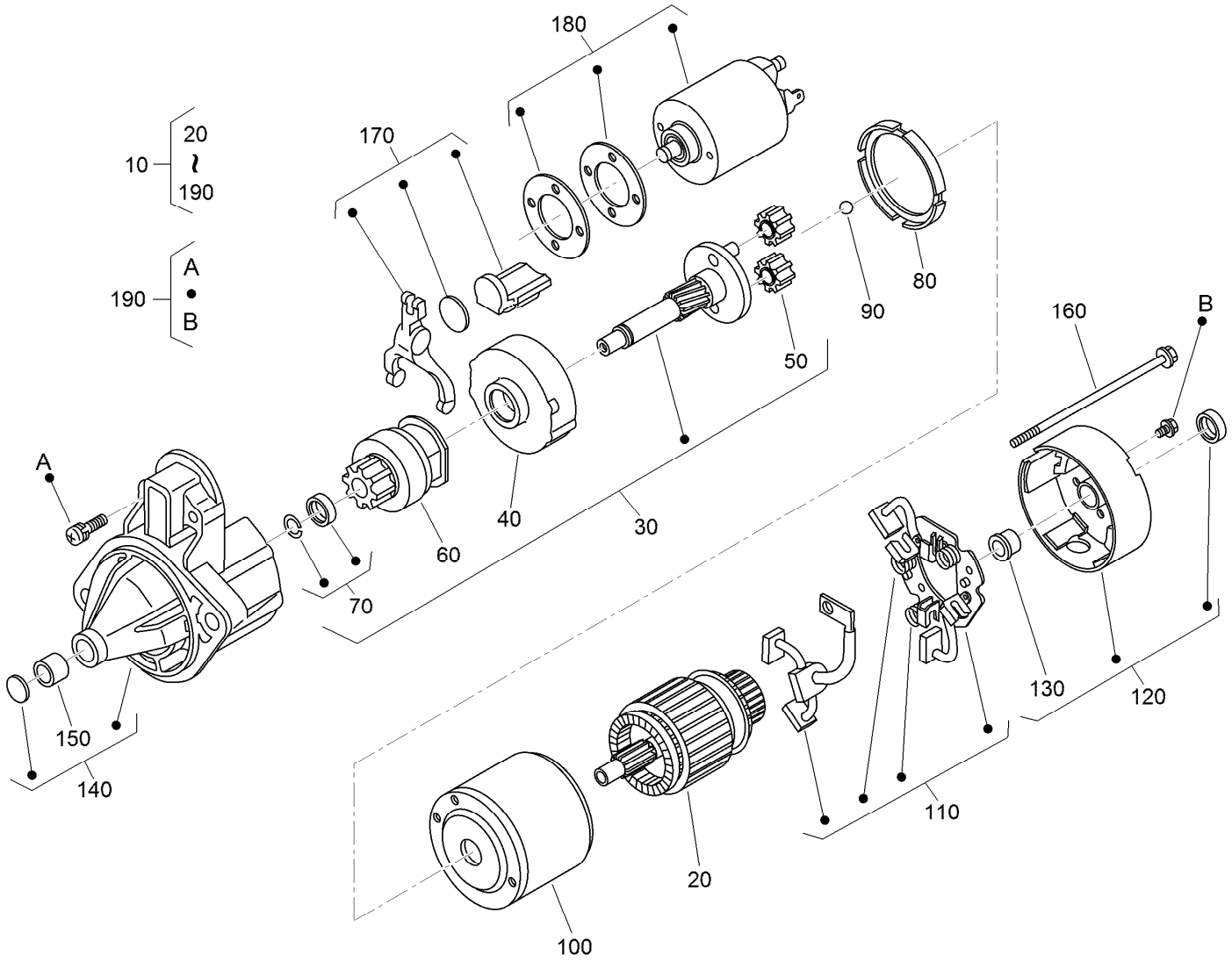
Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716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

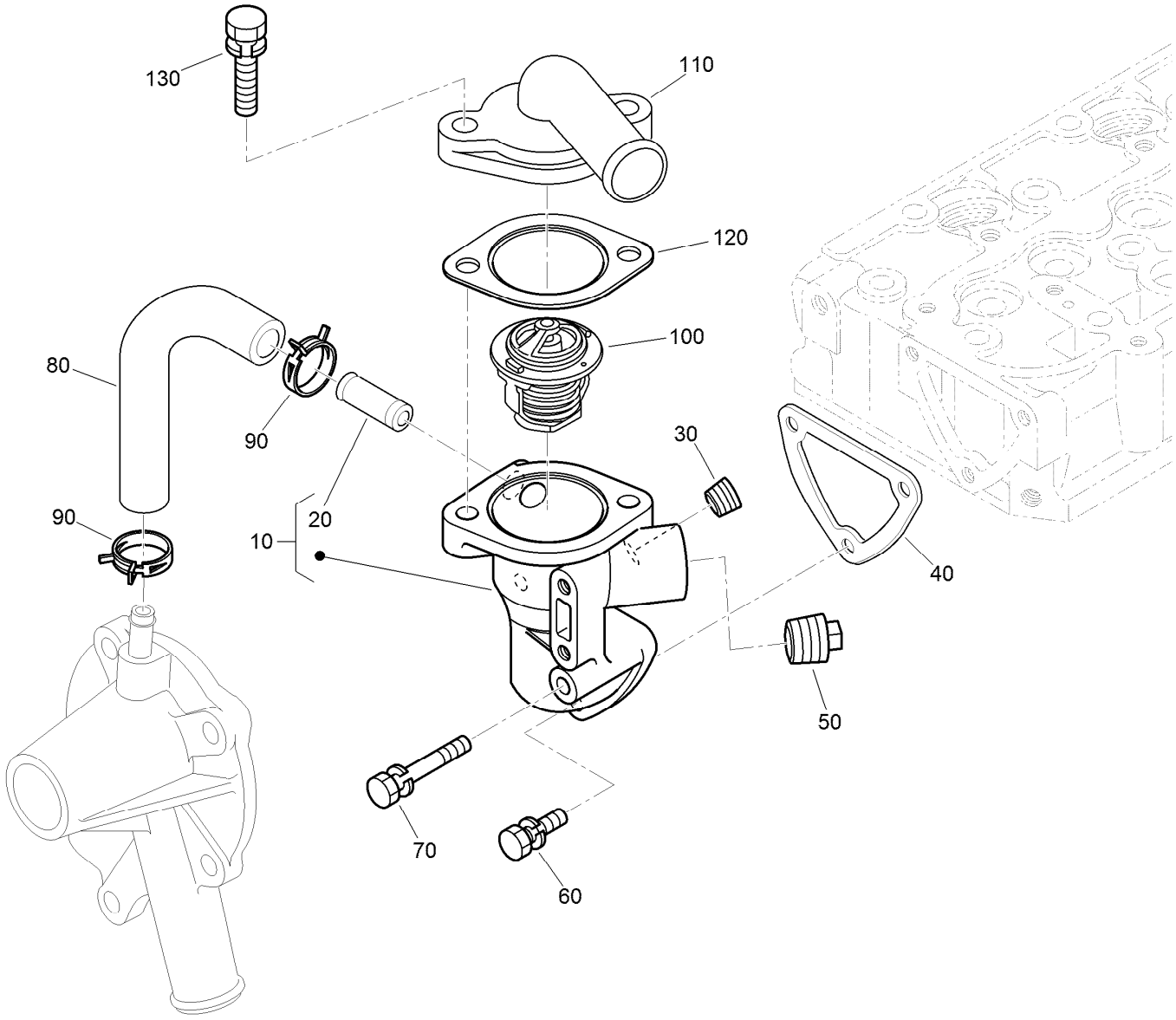
Ref.	*Part Number*	*Qty.*	*Description*
10	130-1294	1	Starter ASM
20	98-7697	2	Bolt
30	98-7534	2	Nut
50	98-7534	1	Nut
60	105-2893	1	Washer-Spring
70	130-1496	1	Flywheel ASM
80	127-1604	1	Gear-Ring
90	100-1930	5	Bolt-Flywheel
100	117-0323	1	Plate-End, Rear
110	110-3754	3	Bolt



Starter Component Assembly

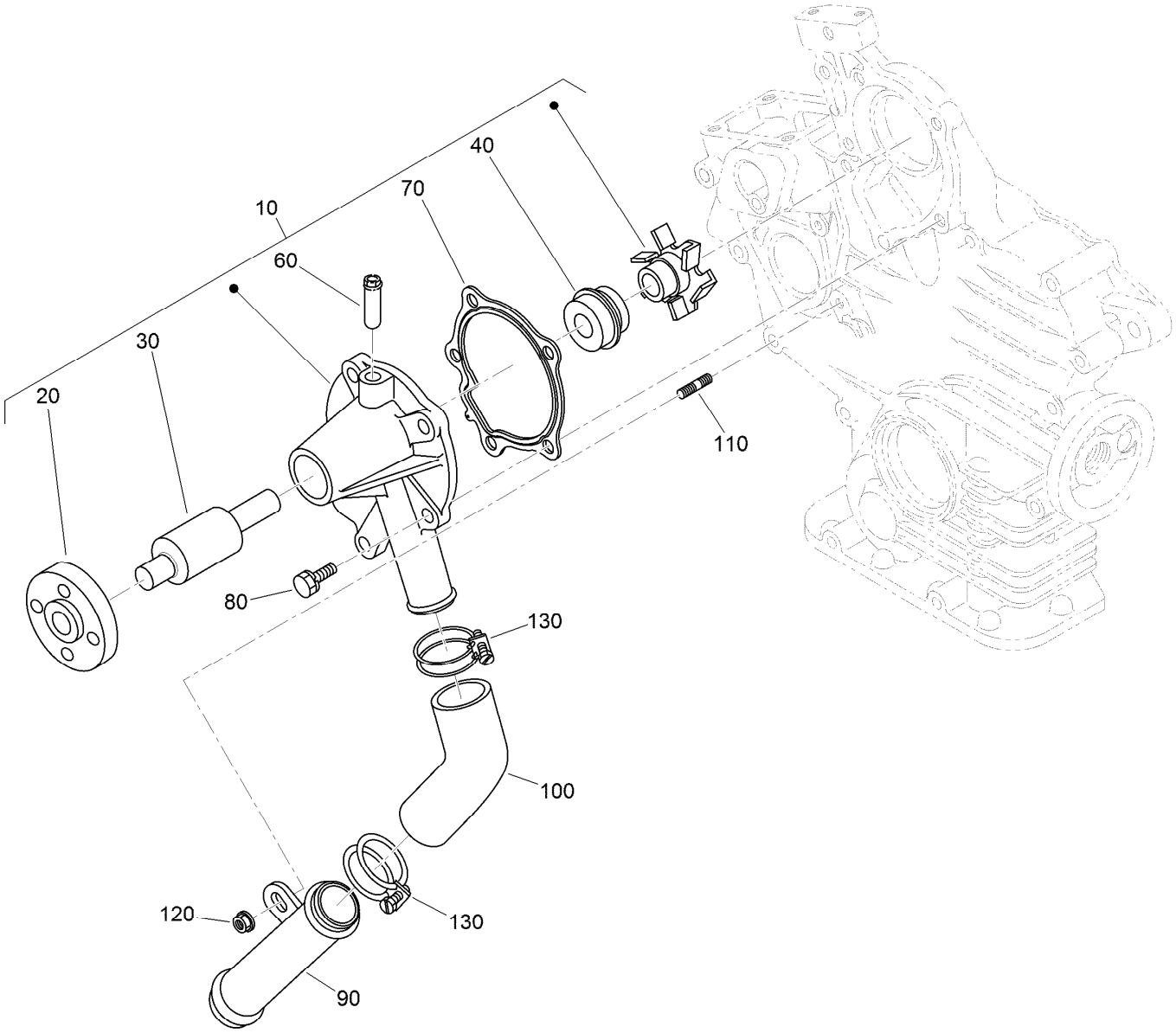
Ref.	Part Number	Qty.	Description
10	130-1294	1	Starter ASM
20	110-3801	1	Armature
30	110-3802	1	Shaft ASM
40	120-3142	1	Gear-Internal
50	110-3804	3	Gear-Planetary
60	110-3805	1	Clutch-Running, Over
70	110-3806	1	Stopper
80	120-3143	1	Gasket
90	110-3808	1	Ball
100	130-1295	1	Yoke

Ref.	Part Number	Qty.	Description
110	110-3810	1	Brush Holder ASM
120	110-3811	1	Rear Bracket ASM
130	110-3812	1	Bushing
140	110-3813	1	Front Bracket ASM
150	110-3814	1	Bushing
160	110-3815	2	Bolt
170	110-3816	1	Fork Lever ASM
180	125-9099	1	Switch-Magnetic
190	110-3818	1	Screws (Set Of 4)



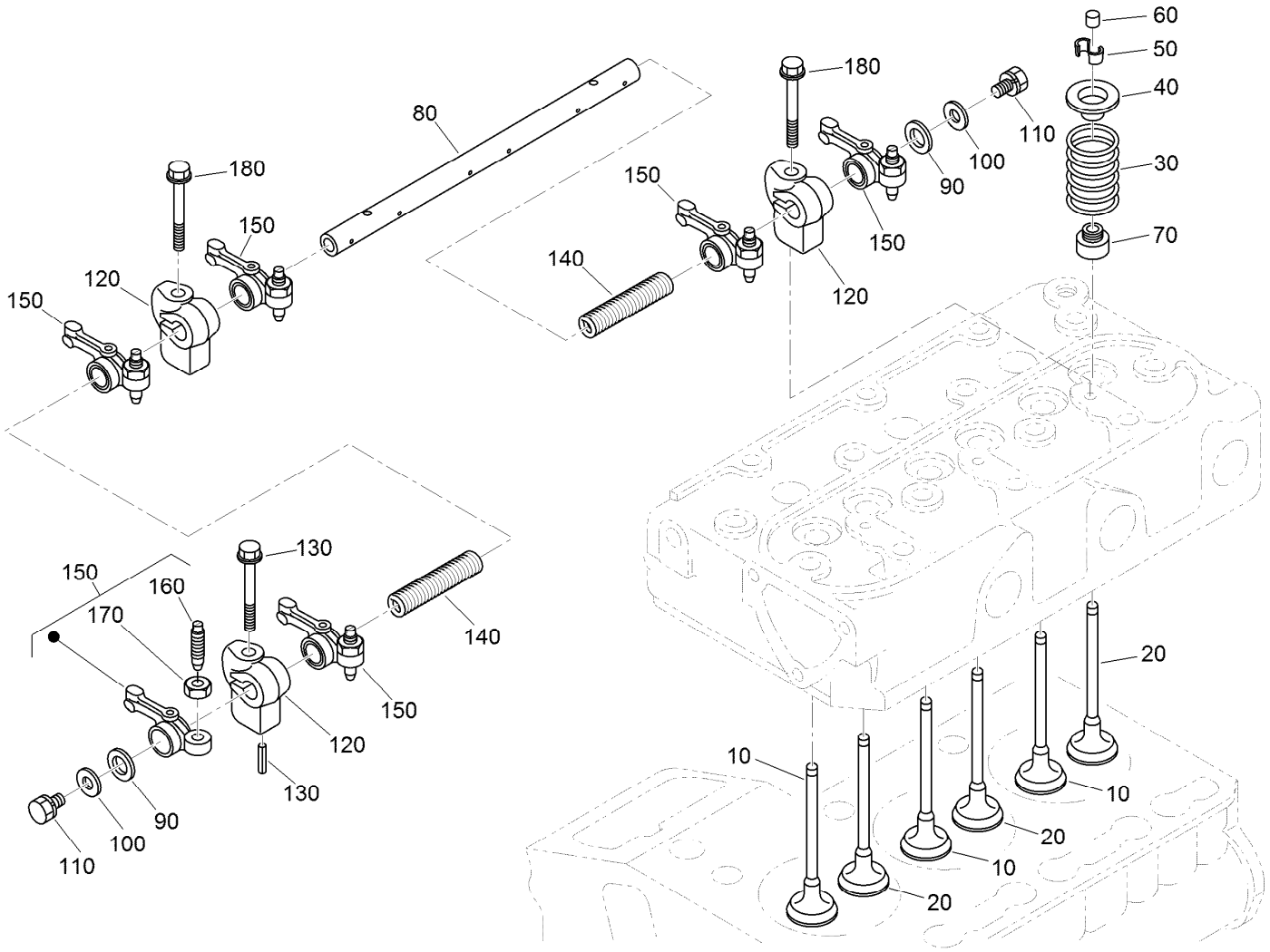
Water Flange and Thermostat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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



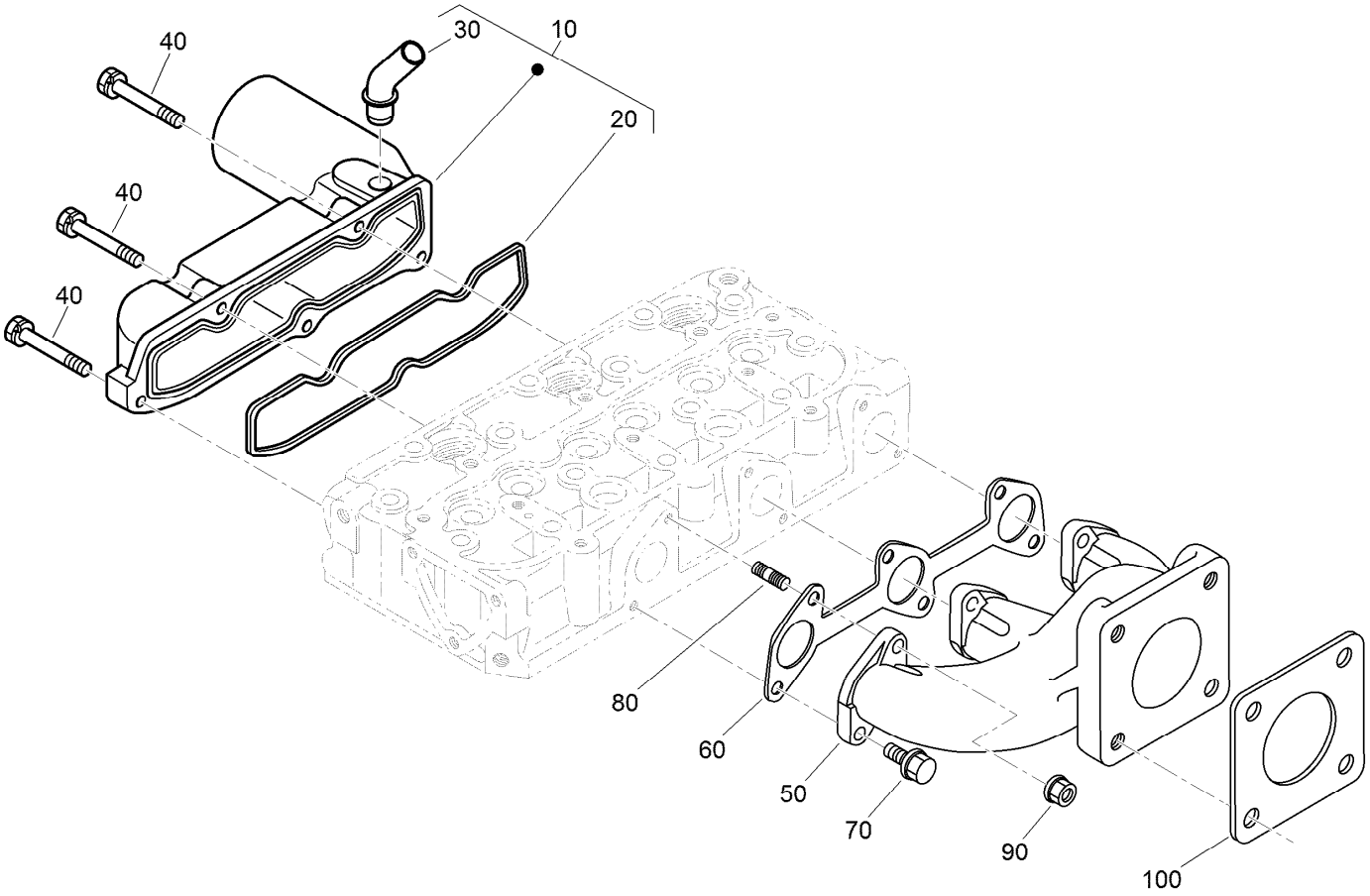
Water Pump and Water Pipe Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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



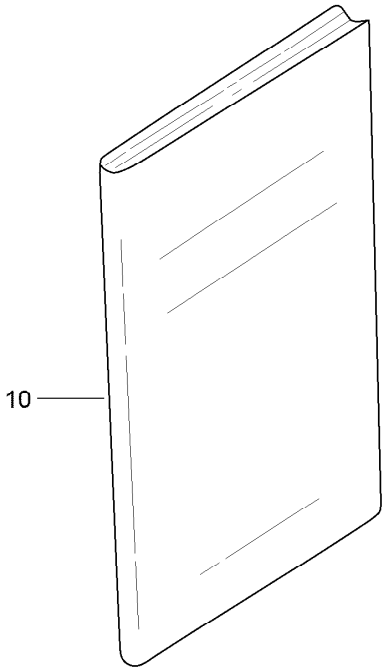
Valve and Rocker Arm Assembly

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
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



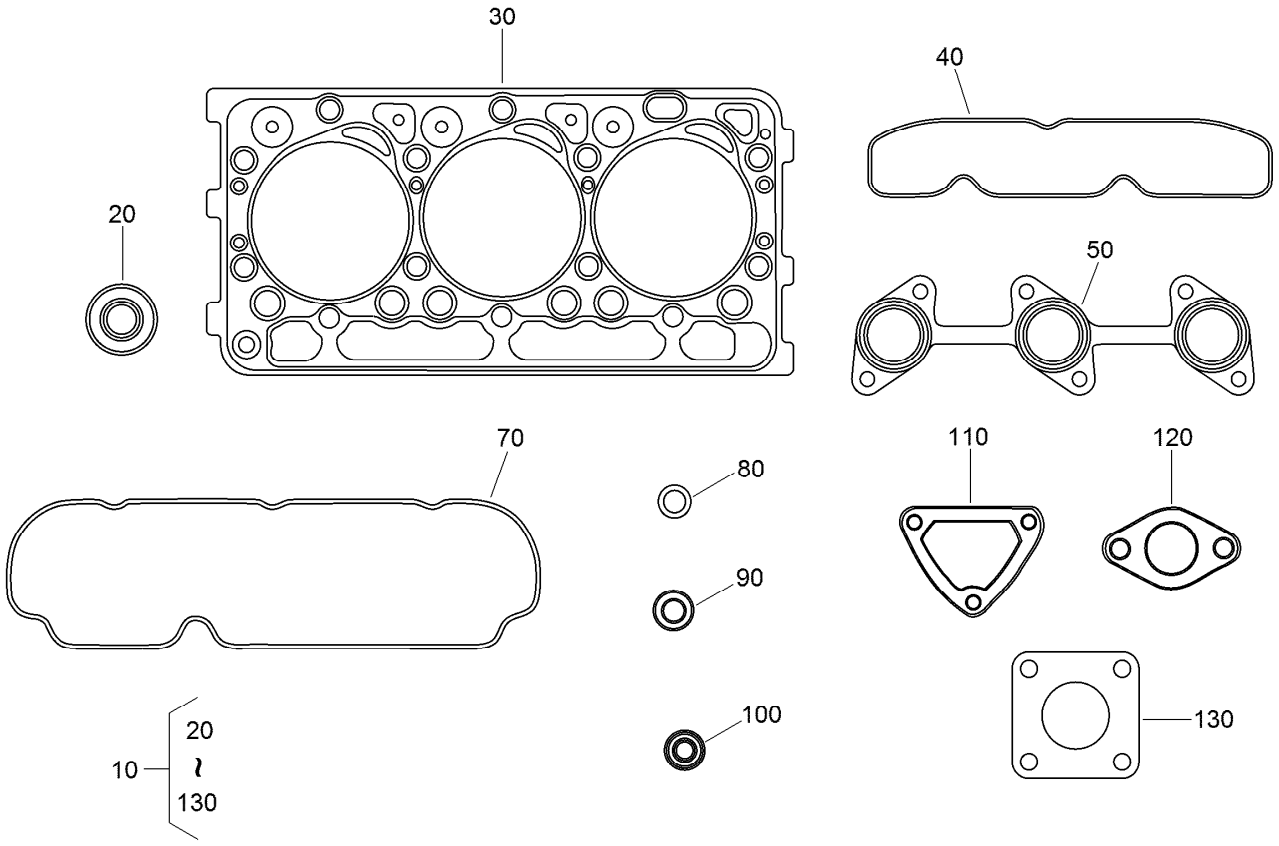
Inlet and Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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	130-1514	3	Bolt-Ubs
80	130-1156	3	Bolt-Stud
90	100-1778	3	Nut
100	99-8343	1	Gasket-Muffler



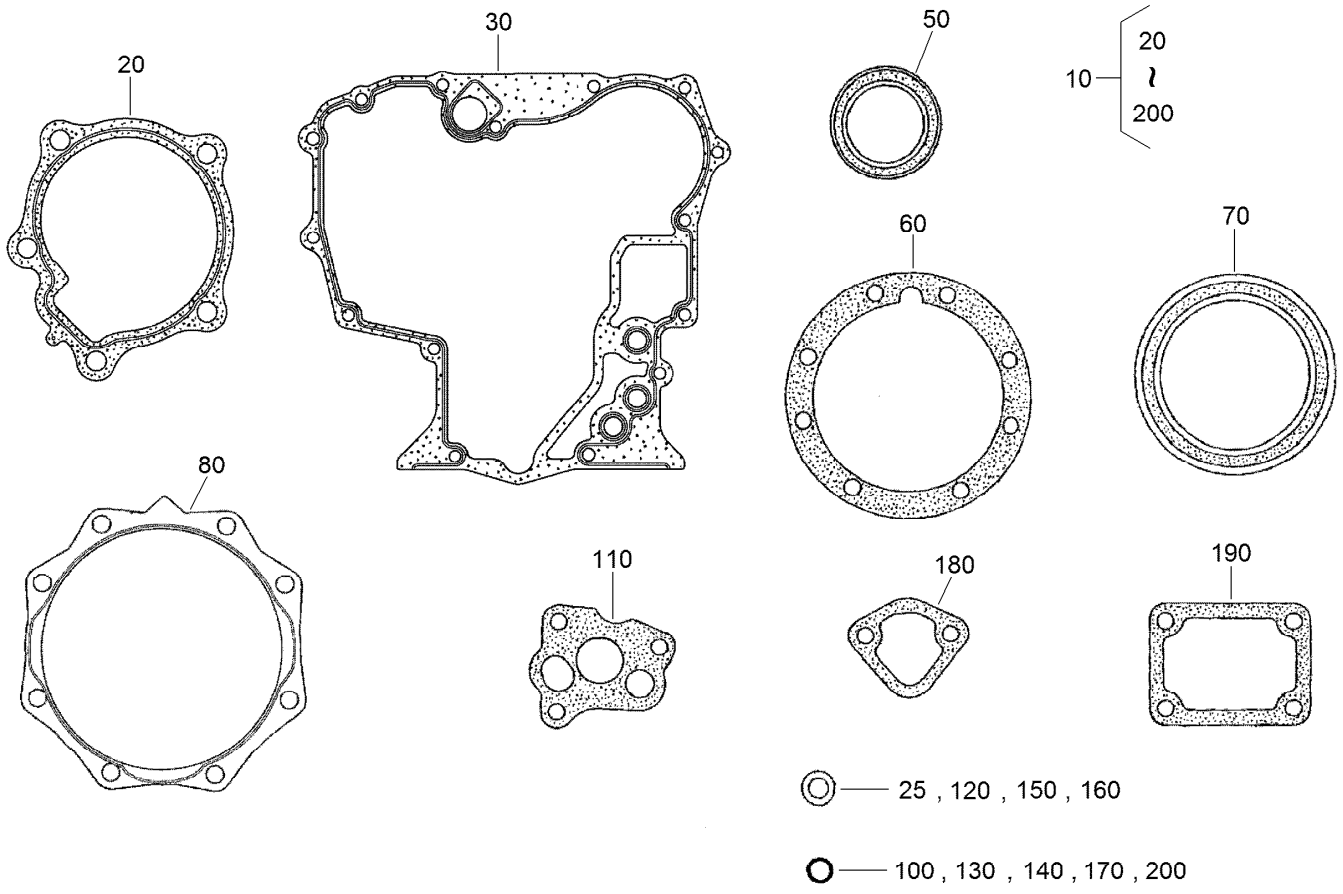
Miscellaneous Engine Parts

Ref.	*Part Number*	*Qty.*	*Description*
10	130-1513	1	Manual-Operator



Upper Engine Gasket Kit

Ref.	*Part Number*	*Qty.*	*Description*
10	130-1441	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
10	117-0331	1	Lower Gasket Kit
20	117-0330	1	Gasket-Pump, Water
25	98-7524	1	Gasket
30	117-0327	1	Gasket-Case, Gear
50	120-7852	1	Seal-Oil
60	100-1873	1	Gasket-Case, Bearing
70	110-3724	1	Seal-Oil
80	100-1876	1	Gasket-Cover, Case
100	100-2209	1	O-Ring
110	100-2003	1	Gasket-Pump, Oil

Ref.	Part Number	Qty.	Description
120	98-7654	1	Gasket
130	105-3776	1	O-Ring
140	100-2207	1	O-Ring
150	98-7654	2	Gasket
160	110-9715	1	Gasket-Pan, Oil
170	100-2208	1	O-Ring
180	98-9636	1	Gasket-Pump, Fuel
190	100-1962	1	Gasket-Plate, Control
200	110-3762	1	O-Ring

Attachments and Accessories

For 74279TE Z Master Professional 7000 Series Riding Mower With 52 TURBO FORCE Rear Discharge Mower

Product Name	Model/Part
1.25in Spark Arrester Kit	105-1672
Blade-Recycler, 18in	105-7779-03
Blade-Hi Flow, 18in	105-7781-03
Blade-Med Flow, 18in	105-7794-03
Blade-Low Flow, 18in	105-7795-03
Blade-Atomic, 18in	105-7796-03
Light Kit	107-9880
Blade-Hi Flow, 18in (6 Pack)	108-1117
Blade-Atomic, 18in (6 Pack)	108-1118
Blade-Lo Flow, 18in (6 Pack)	110-0406
Blade-Recycler, 18in (6 Pack)	110-0408
Blade-Med Flow, 18in (6 Pack)	110-0409
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
Filter Minder Gauge	99-4664
Hitch Kit	99-8925

Notes:

Notes:

Count on it.