



Count on it.

Parts Catalog

Z Master[®]

**With 72in TURBO FORCE[®] Side Discharge
Mower**

Model No. 74269—Serial No. 31200001 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.

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: Liquid Propane

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

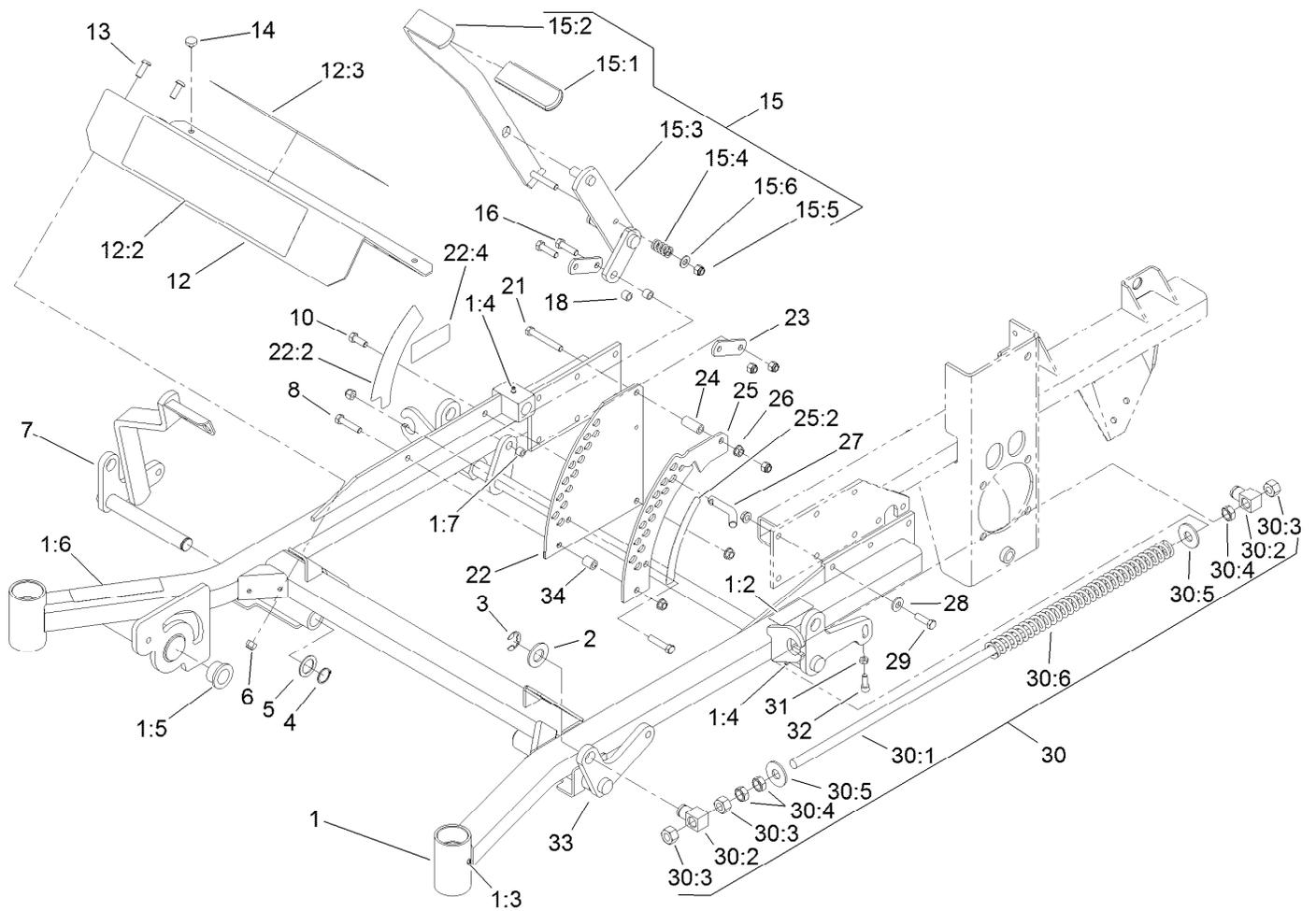
STD: standard

TAP: self tapping

TTH: torx truss head

Contents

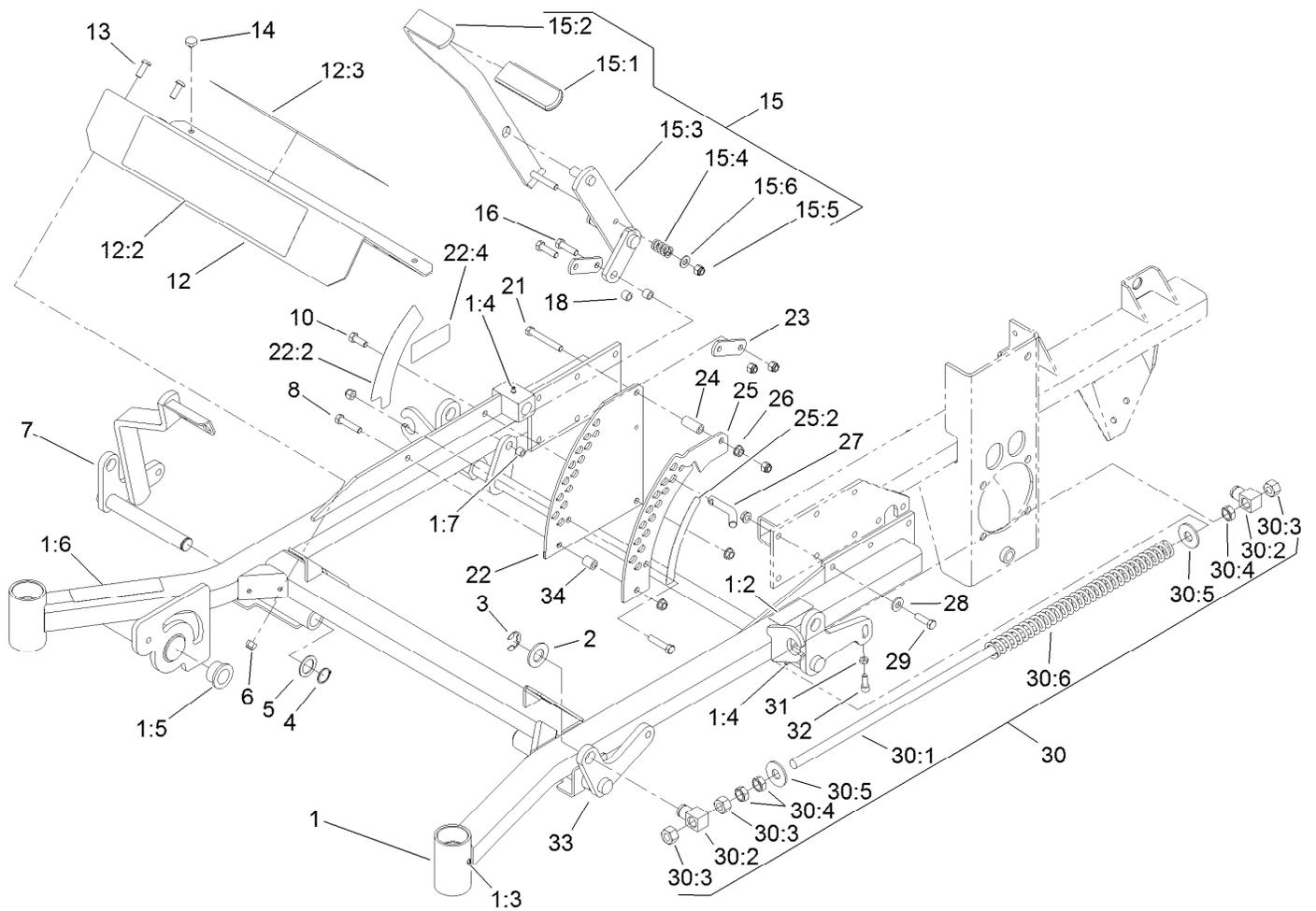
Front Frame Assembly	4
Caster Wheel and Z Stand Assembly	6
Engine Frame, Console and Floor Pan Assembly	7
Seat and Roll-Over Protection System Assembly	8
Deluxe Seat Assembly No. 110-0838	9
Roll-Over Protection System Assembly No. 106-7437	10
Wheel and Brake Assembly	11
Motion Control Assembly	13
RH Motion Control Assembly No. 109-3978	14
LH Motion Control Assembly No. 109-3979	15
Engine Mount Assembly	16
Wheel Pump Drive Assembly	17
Hydraulic Pump Assembly No. 103-2978	18
Hydraulic Pump Assembly No. 103-2979	19
Deck Belt Drive Assembly	20
Cooling Pump Drive Assembly	21
Hydraulic System Assembly	22
Tank and Fuel Line Assembly	24
Front and Rear Engine Cover Assembly	26
Cooling System Assembly	28
Hood Assembly	30
Deck Connection Assembly	31
Deck Assembly	32
Pulley and Bearing Assembly No. 114-0210	34
Deck Decal Assembly No. 117-3859	35
Spindle Assembly No. 119-8500	36
Lever Assembly No. 107-1664	37
Rubber Deflector Assembly No. 108-2792	38
Electrical Assembly	39
Cylinder Assembly	41
Crankshaft Assembly	42
Cylinder Head Assembly	43
Injection Pump Assembly	44
Camshaft Assembly	45
Oil Pan Assembly	46
Gear Cover Assembly	47
Gear Housing Assembly	48
Water Pump Assembly	49
Manifold Assembly	50
Starter Motor and Alternator Assembly	51
Alternator Assembly No. 99-9209	52
Gasket Assembly	53
Attachments and Accessories	54



Front Frame Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	110-8724	1	Frame ASM	13	3274-94	4	Screw-HSBH
1:2	107-1857	1	Decal-Brake, Parking	14	1-513658	2	Bumper
1:3	1-811010	2	Plug	15	110-5860	1	Deck Lift Handle ASM
1:4	302-19	5	Fitting-Grease	15:1	1-633295	1	Grip-Lever, Lift
1:5	94-1291	2	Bushing	15:2	103-2083-03	1	Lift Lever ASM
1:6	104-7759	1	Decal-Warning	15:3	103-2064-03	1	Arm-Lift, Deck
1:7	103-1918	1	Bushing	15:4	1-633325	1	Spring-Compression
2	3256-29	4	Washer-Flat	15:5	3296-39	1	Nut-Lock, NI
3	32151-103	5	Ring-Retaining, EXT	15:6	3256-24	1	Washer-Flat
4	32151-29	2	Ring-Retaining	16	323-29	2	Screw-HH
5	1-523157	2	Washer-Spacer	18	103-1918	2	Bushing
6	3296-39	8	Nut-Lock, NI	21	323-11	1	Screw-HH
7	108-7786-01	1	RH Front Deck Lift ASM	22	117-0366	1	Plate-HOC, Outer
8	323-9	2	Screw-HH	22:2	107-1860	1	Decal-Height, Deck
10	323-6	1	Screw-HH	22:4	117-2718	1	Decal-Arrester, Spark
12	106-9981	1	Footrest	23	1-633068	2	Arm-Lift, Deck
12:2	121-7558	1	Decal	24	1-633082	1	Bushing-Lever, Lift
12:3	107-2112	1	Decal-Warning	25	117-0369	1	Plate-HOC, Inner

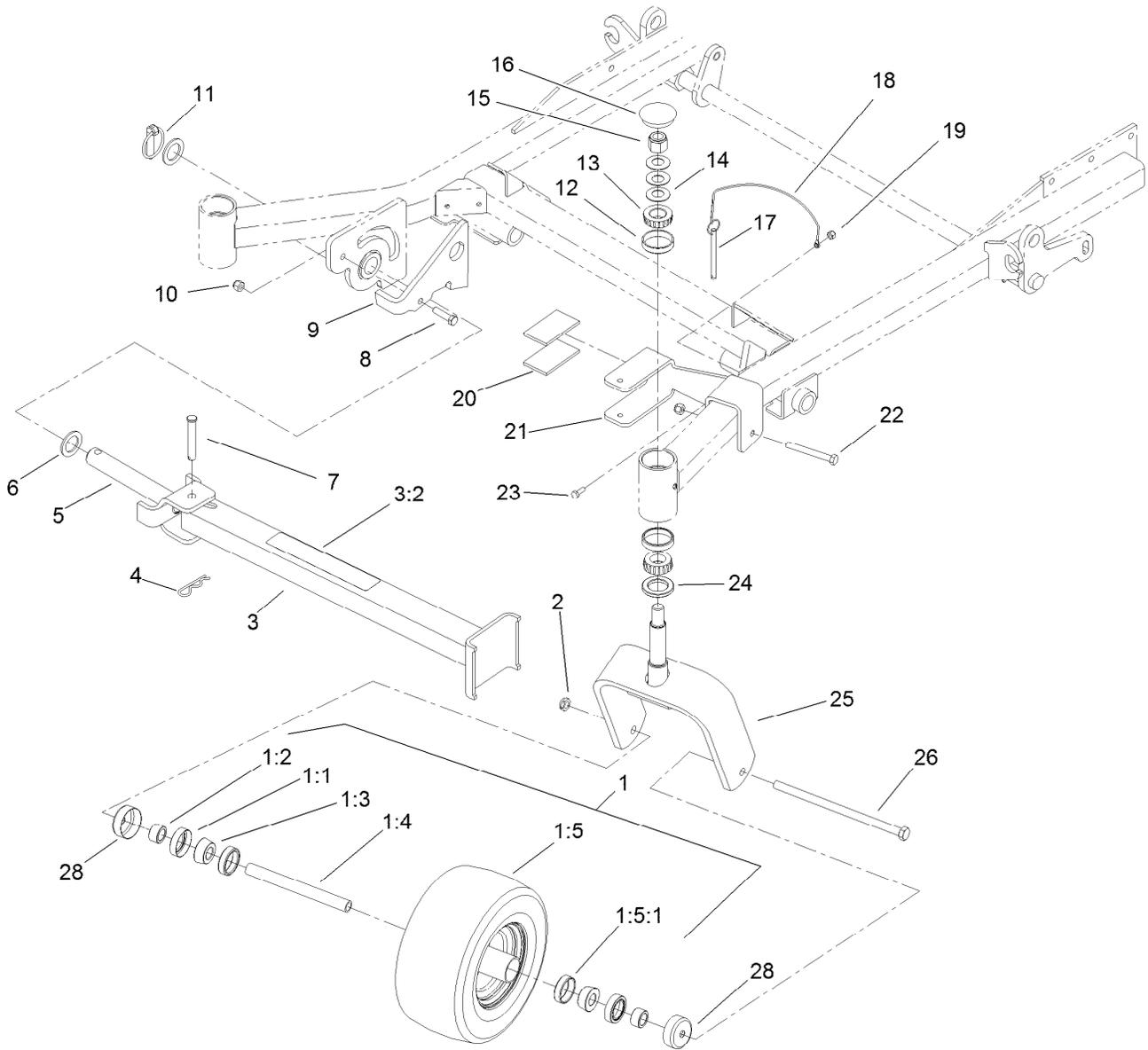
● Not serviced separately



Front Frame Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
25:2	107-1861	1	Decal-Height, Deck	30:3	3217-11	3	Nut-Hex
26	3290-357	15	Nut-HHF, Whiz	30:4	3218-6	3	Nut-Jam
27	109-8757	1	Pin-HOC	30:5	3256-7	2	Washer-Flat
28	98-5975	12	Washer-Belleville	30:6	1-643015	1	Spring-Support, Deck
29	323-7	12	Screw-HH	31	3218-2	2	Nut-Jam
30		2	Front Frame Spring ASM ●	32	3274-18	2	Screw-HSH
30:1	1-633096	1	Rod-Lift, Deck	33	106-8984-01	1	LH Deck Lift ASM
30:2	1-633441	2	Swivel-Deck Mount, Rear	34	1-633080	1	Bushing-Lever, Lift

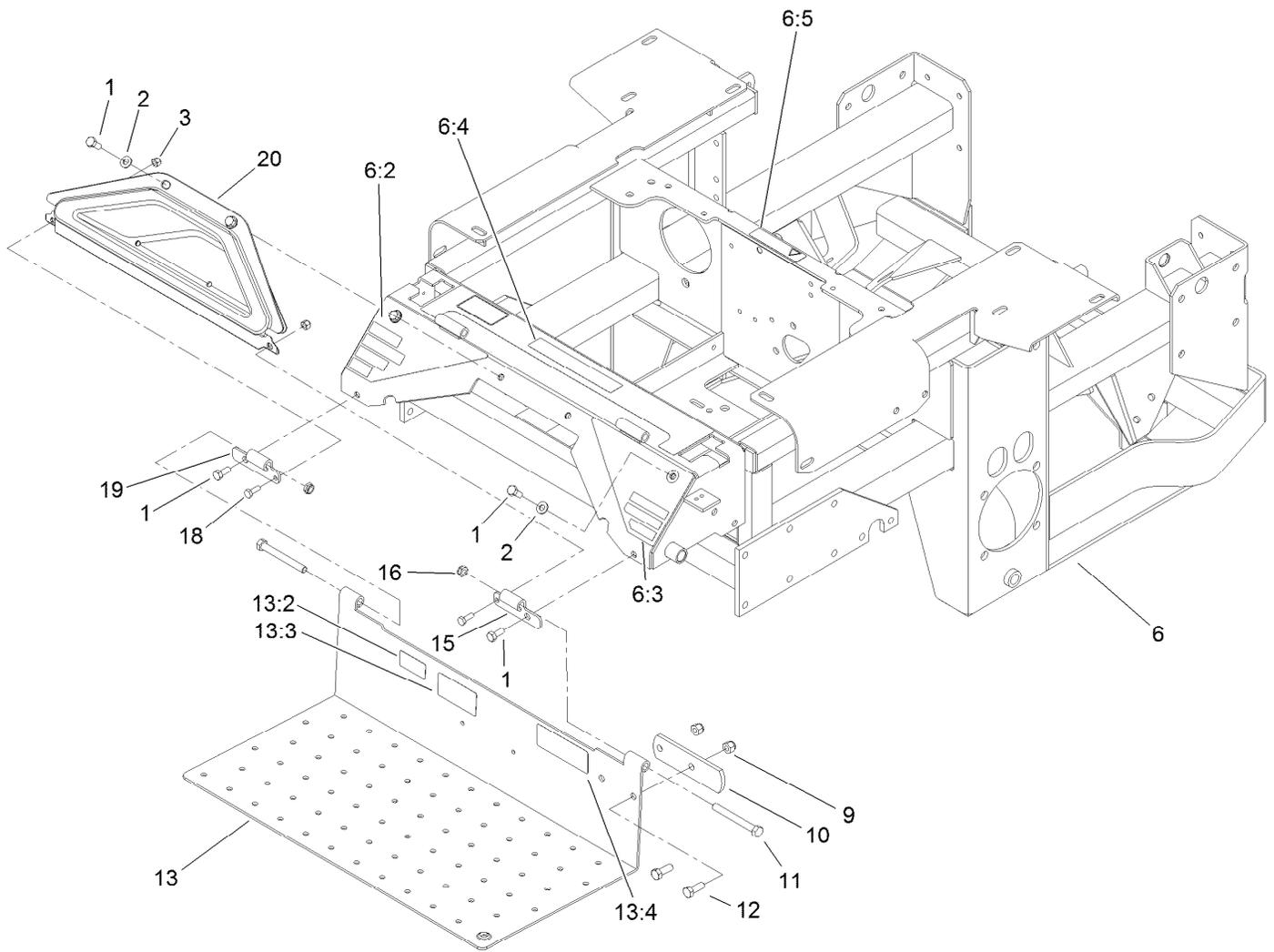
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Caster Wheel and Z Stand Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	109-9125	2	Wheel And Tire ASM	11	283-71	1	Pin-Lynch
1:1	1-633585	2	Bearing-Cone, Taper	12	254-72	4	Bearing-Cup, Tapered
1:2	103-0063	2	Seal-Caster	13	254-94	4	Bearing-Cone, Tapered
1:3	103-3051	2	Spacer-Nut ●	14	1-633508	6	Washer-Bellville
1:4	103-5156	1	Axle-Caster	15	3296-51	2	Nut-Lock, NI
1:5	109-9124	1	Wheel And Tire ASM	16	103-4882	2	Cap-Grease
1:5:1	1-633584	1	Bearing-Cup	17	105-1647	1	Pin-Hitch, Cotterless
2	3296-23	2	Nut-Lock, NI	18	100-9385	1	Lanyard-Nylon
3	107-1874	1	Leg ASM	19	3296-42	1	Nut-Lock, NI
3:2	106-7464	1	Decal-Z Stand	20	100-6547	2	Cushion-Rubber
4	3290-355	1	Pin-Hair	21	108-4136-01	1	Bracket-Cradle
5	100-9692-01	1	Pivot Pin ASM	22	323-20	1	Screw-HH
6	3-6781	2	Washer-Thrust	23	321-4	1	Screw-HH
7	283-55	1	Pin-Clevis	24	1-543511	2	Seal-Grease
8	323-8	1	Screw-HH	25	103-1474-01	2	Caster-Fork
9	100-9686-01	1	Bracket-Latch	26	325-39	2	Screw-HH
10	3296-39	2	Nut-Lock, NI	28	103-2768	2	Guard-Seal

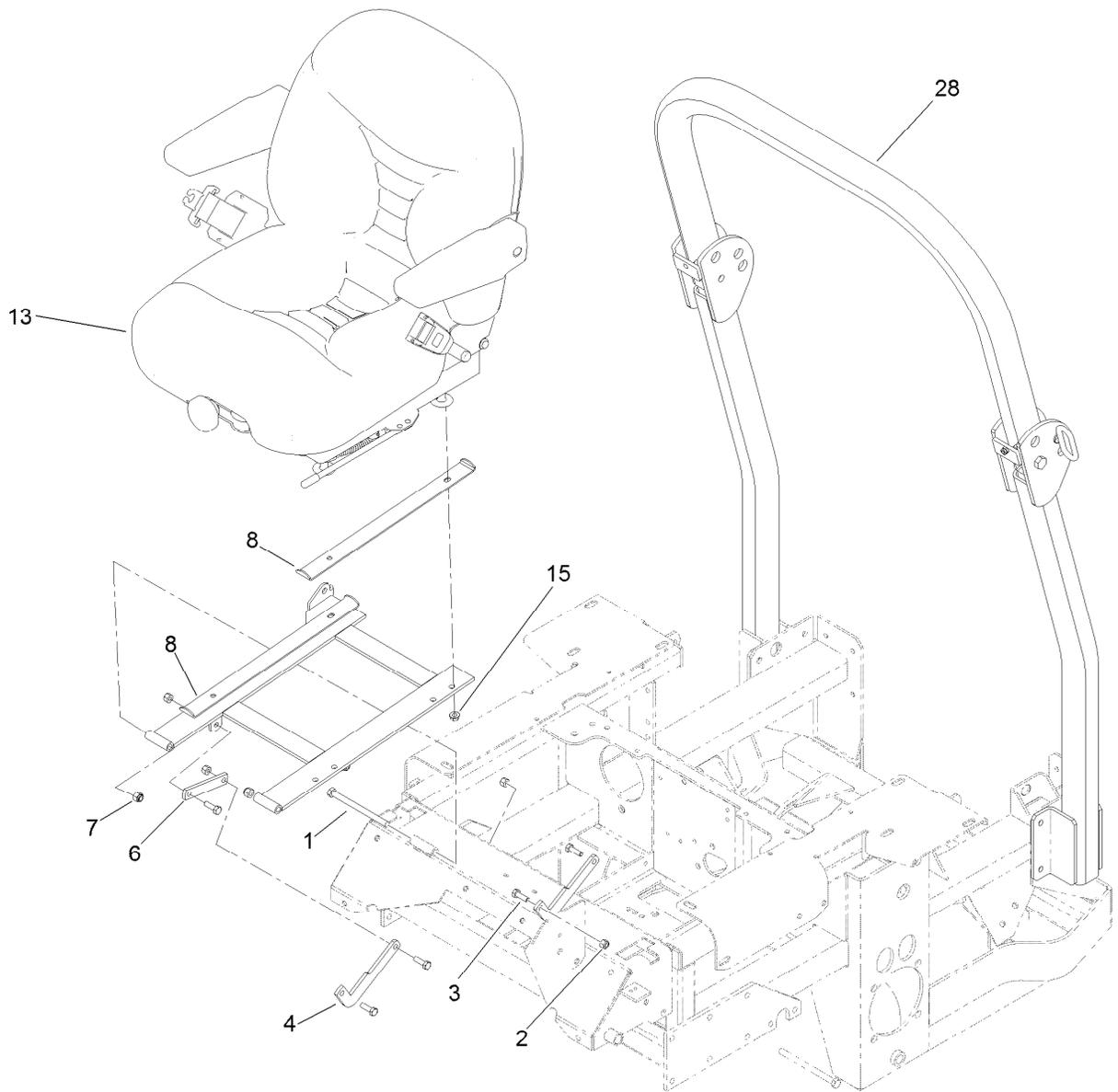
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Engine Frame, Console and Floor Pan Assembly

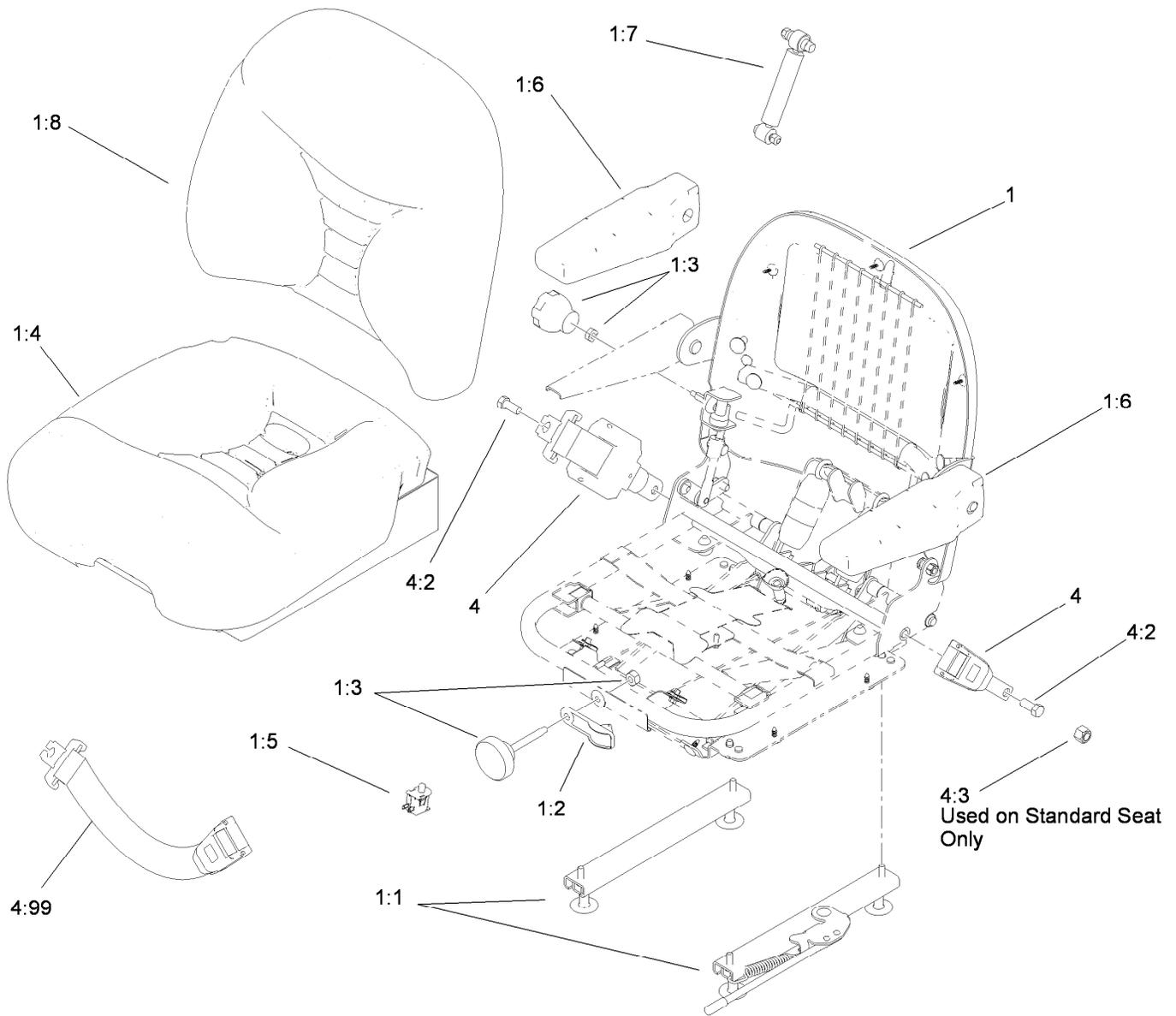
Ref.	Part Number	Qty.	Description
1	322-43	6	Screw-HH
2	3256-70	4	Washer-Flat
3	3296-42	2	Nut-Lock, NI
6	115-3551	1	Engine Frame ASM
6:2	106-9989	1	Decal-Warning
6:3	106-7492	1	Decal-Danger
6:4	107-9866	1	Decal-Console, Top
6:5	98-5954	2	Decal-Cover, Missing
9	3296-39	2	Nut-Lock, NI
10	1-633964-03	1	Stop-Brake, Park
11	323-20	2	Screw-HH

Ref.	Part Number	Qty.	Description
12	323-6	2	Screw-HH
13	115-3852	1	Floor Pan ASM
13:2	98-4387	1	Decal-Protection, Ear
13:3	107-1864	1	Decal-Location, Manual
13:4	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



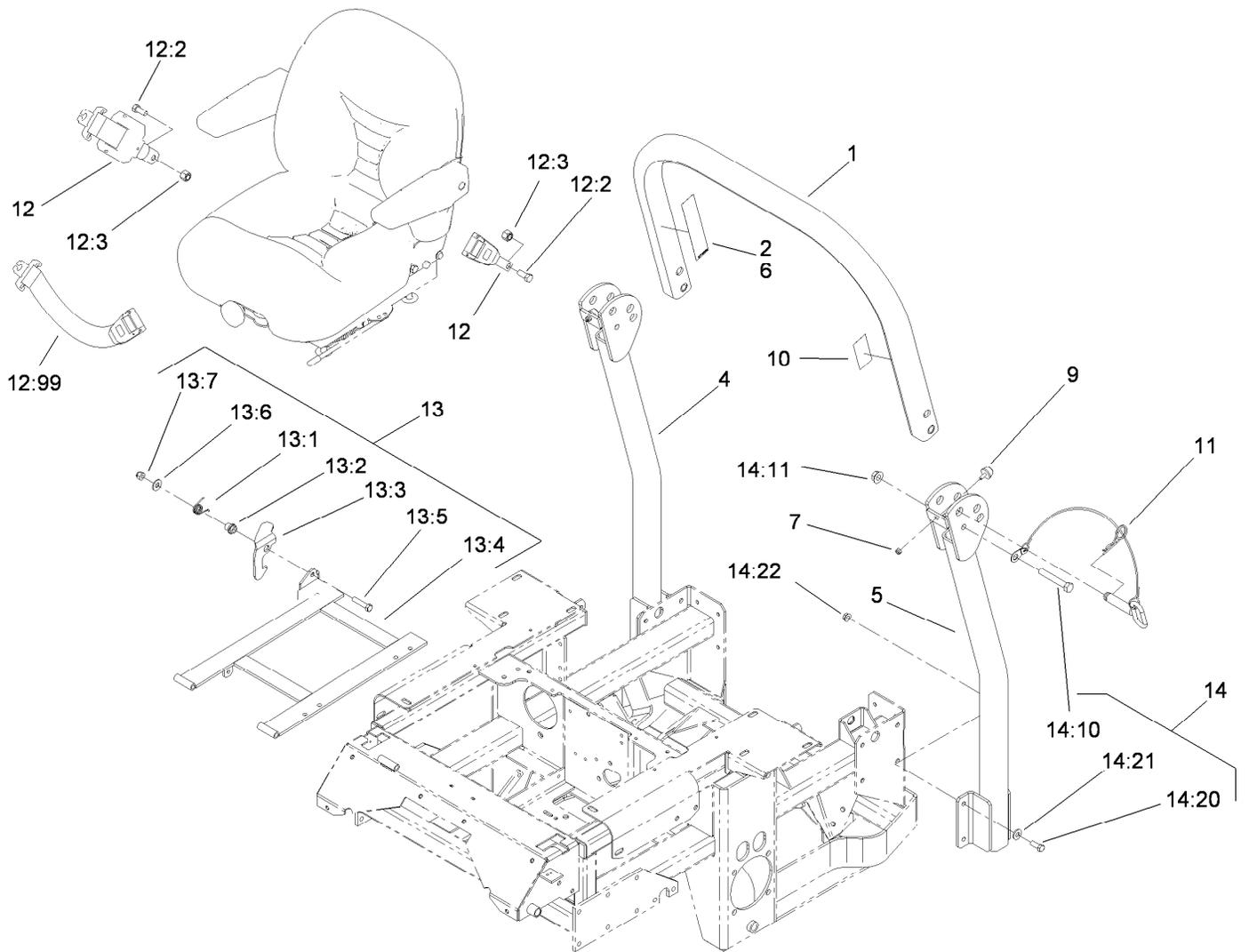
Seat and Roll-Over Protection System Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	323-39	2	Screw-HH
2	3296-29	4	Nut-Lock, NI
3	322-5	5	Screw-HH
4	109-2759	2	Link-Stop, Seat
6	103-5161	2	Link-Stop, Seat
7	3296-39	2	Nut-Lock, NI
8	1-633872-03	2	Stop-Seat
13	110-0838	1	Deluxe Seat ASM
15	32128-20	4	Nut-HF
28	106-7437	1	ROPS ASM



Deluxe Seat Assembly No. 110-0838

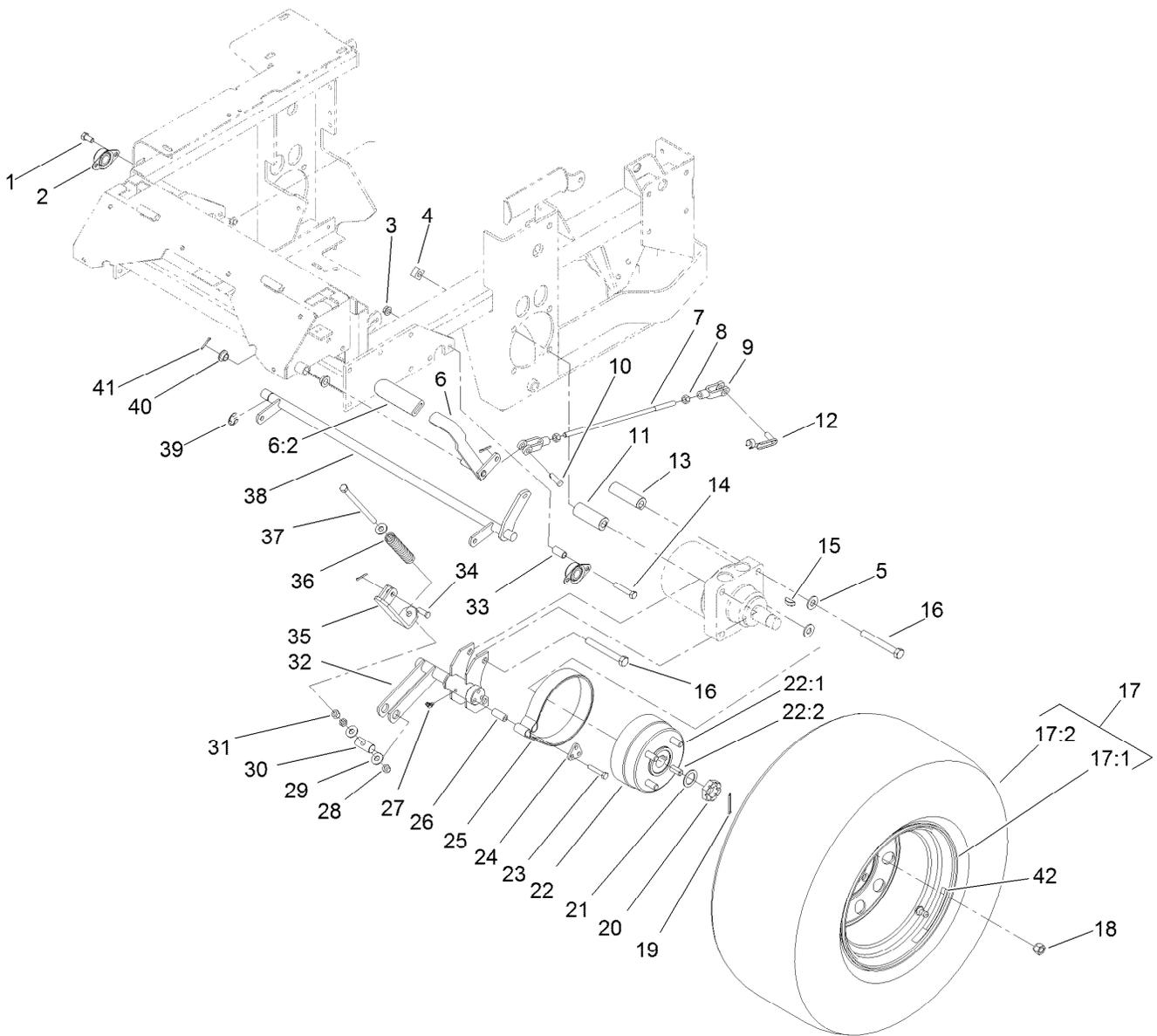
Ref.	Part Number	Qty.	Description
1	112-8355	1	Seat-Suspension
1:1	107-1880	1	Seat Track Kit
1:2	107-1885	1	Weight Indicator Kit
1:3	107-1881	1	Knob Kit
1:4	107-1883	1	Bottom Cushion Kit
1:5	82-2190	1	Switch-Bail
1:6	107-1887	1	Armrest Kit
1:7	107-1884	1	Shock Absorber Kit
1:8	112-8356	1	Cushion-Back
4	110-0883	1	Retractable Seatbelt Kit
4:2	3212-4	2	Screw-HH
4:3	3296-7	2	Nut-Lock
4:99	109-6226	1	Seat Belt Extension Kit



Roll-Over Protection System Assembly No. 106-7437

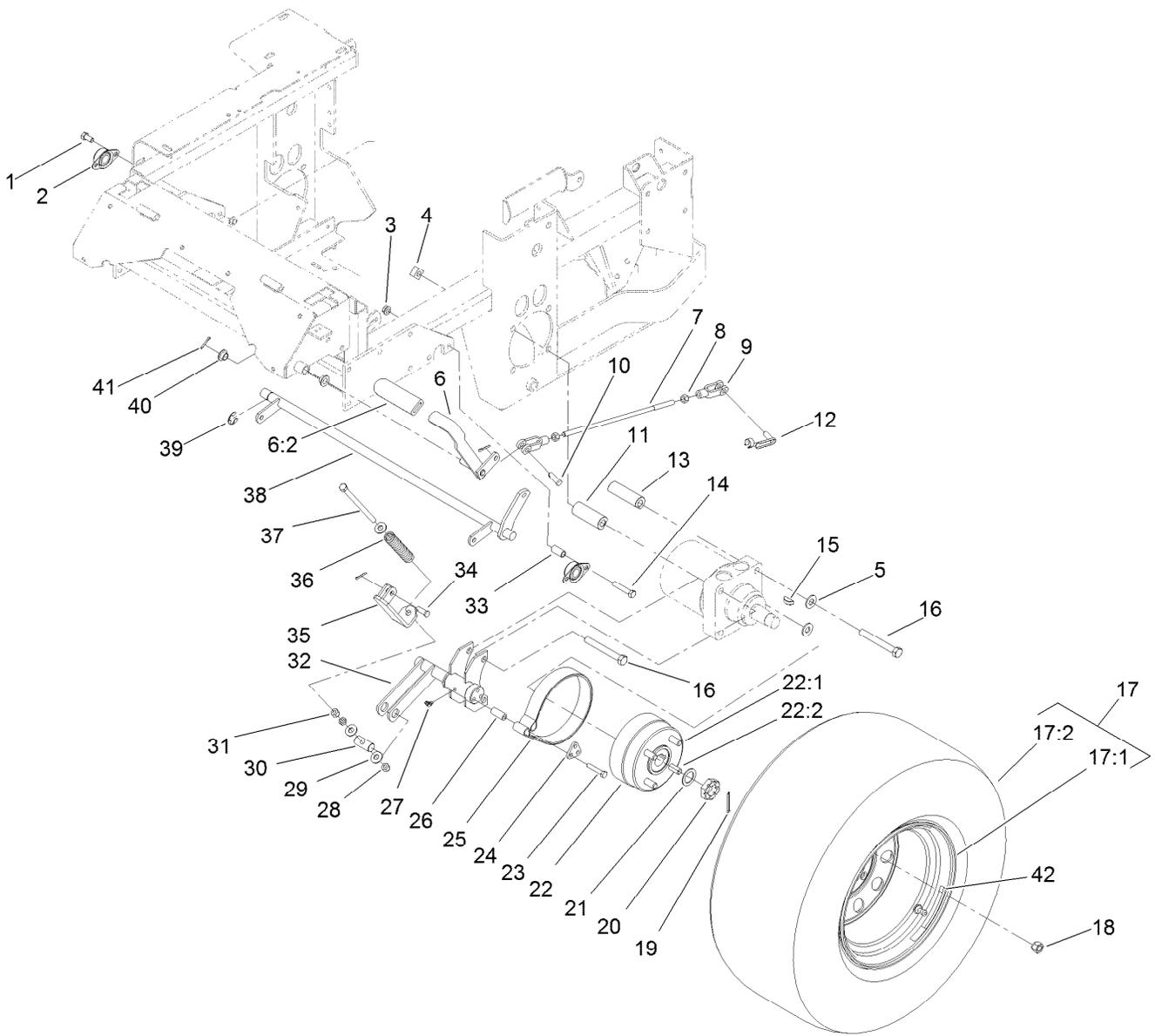
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Upper Tube ASM ●	13	109-1813	1	Seat Frame Single Latch ASM
2	107-2102	1	Decal-Warning, Folding ROPS	13:1	103-5520	1	Catch-Latch, Single
4		1	Tube-Support, RH ●	13:2	103-5519	1	Spring-Torsion, Latch
5		1	Tube-Support, LH ●	13:3	107-0075	1	Bushing-Latch, Seat
6	107-3069	1	Decal-Warning, Folding ROPS	13:4	109-9222-03	1	Frame-Seat
7	3296-73	2	Nut-Lock, NI	13:5	3256-4	1	Washer-Flat
9	109-2365	2	Rubber Bumper ASM	13:6	3296-39	1	Nut-Lock, NI
10	107-2101	1	Decal-ROPS	13:7	323-9	1	Screw-HH
11	103-4553	2	ROPS Fold Pin ASM	14		1	Bag-Bolt ●
12	110-0883	1	Retractable Seatbelt Kit	14:10	325-13	2	Screw-HH
12:2	3212-4	2	Screw-HH	14:11	32128-23	2	Nut-HF
12:3	3296-7	2	Nut-Lock	14:20	323-8	8	Screw-HH
12:99	109-6226	1	Seat Belt Extension Kit	14:21	98-5975	8	Washer-Belleville
				14:22	3290-357	8	Nut-HHF, Whiz

● Not serviced separately



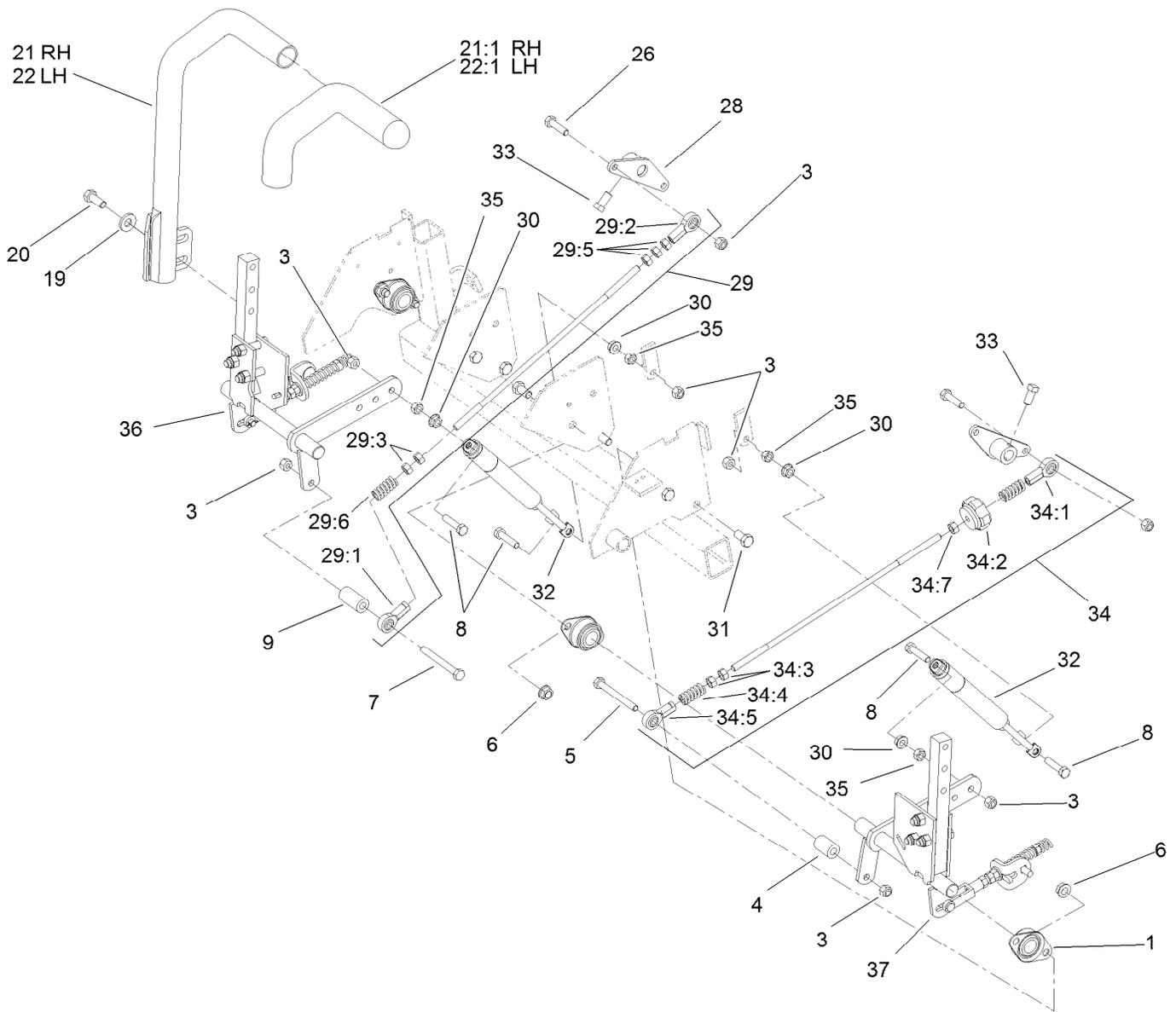
Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	323-4	2	Screw-HH	19	1-806800	2	Pin-Cotter
2	1-633102	2	Bearing-Flange, Side	20	1-809036	2	Nut-HH
3	3290-357	4	Nut-HHF, Whiz	21	1-523157	2	Washer-Spacer
4	109-5618	8	Nut-Square, Special	22	103-0590	2	Hub And Wheel ASM
5	87-7270	4	Washer-Thrust	22:1	103-0589	1	Wheel Hub ASM
6	103-0197	1	Brake Lever And Grip ASM	22:2	1-633926	4	Stud-Wheel
6:2	1-633268	1	Grip-Lever	23	322-9	6	Screw-HH
7	103-1708	1	Rod-Brake	24	103-0374	2	Retainer-Band, Brake
8	3219-3	2	Nut-Hex	25	103-0355	2	Band-Brake
9	1-633131	2	Yoke-Linkage, Brake	26	103-0384	6	Spacer
10	1-808285	1	Pin-Clevis	27	302-19	2	Fitting-Grease
11	109-5011	4	Spacer-Wheel, Short	28	3296-39	4	Nut-Lock, NI
12	103-2399	1	Pin-Spring, Clevis	29	3256-4	6	Washer-Flat
13	109-5012	4	Spacer-Wheel, Long	30	1-633144	2	Pin-Trunion
14	323-10	2	Screw-HH	31	3218-3	2	Nut-Jam
15	3257-42	2	Key-Woodruff	32	103-0810-03	2	Brake-Wide
16	325-20	8	Screw-HH	33	103-0051	2	Spacer-Retainer, Brake
17	109-3157	2	Wheel And Tire ASM	34	1-808284	2	Pin-Clevis
17:1	109-3156	1	Rim ASM	35	103-1117-03	2	Linkage-Brake, Lower
17:2	103-4963	1	Tire	36	1-633454	2	Spring-Brake
18	242-50	8	Nut-Lug	37	323-58	2	Bolt-TAP, HH



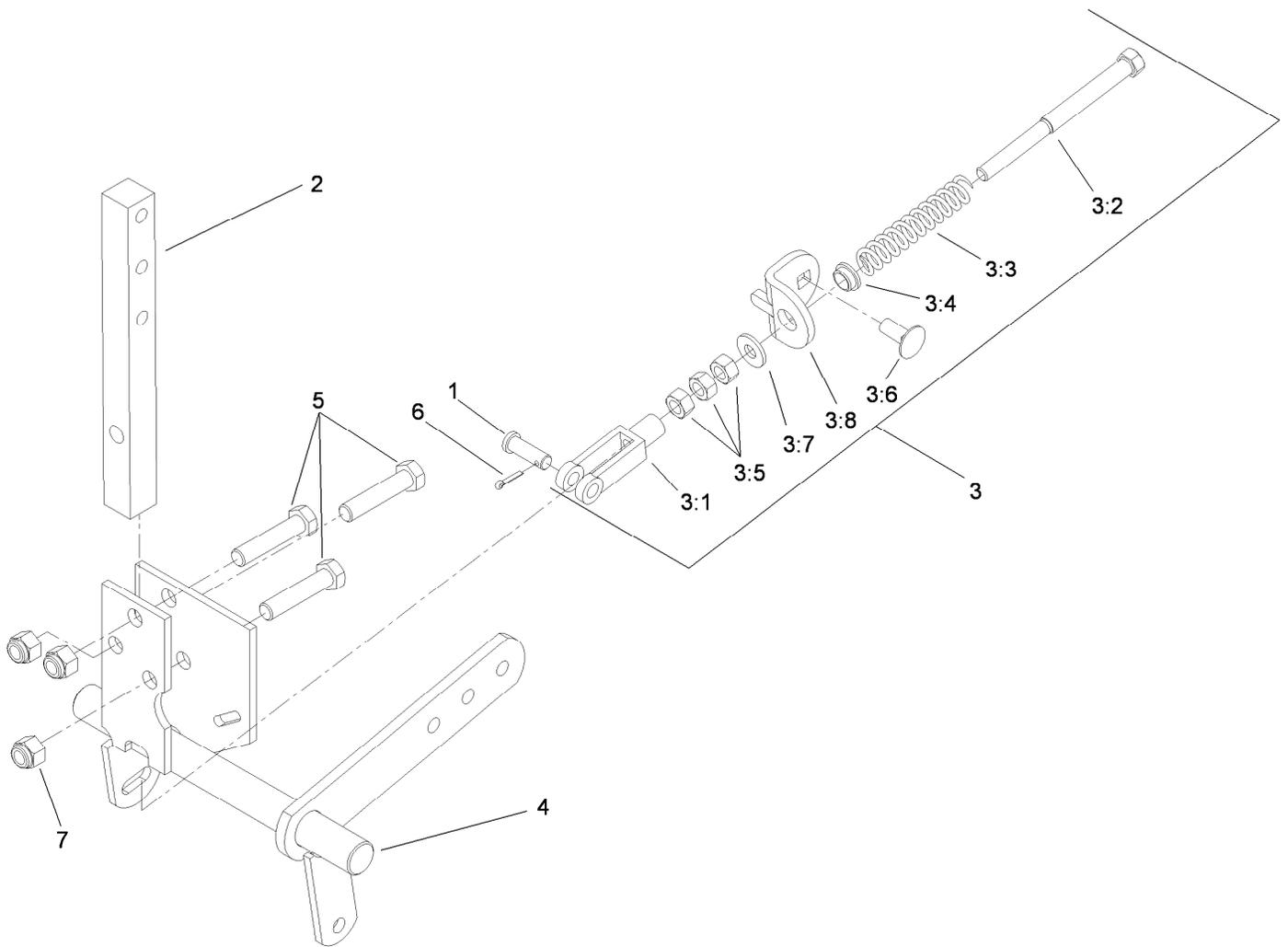
Wheel and Brake Assembly (continued)

<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>
38	103-5243-03	1	Shaft-Brake	41	3272-10	4	Pin-Cotter
39	32151-48	1	E-Ring	42	109-7949	2	Decal
40	1-513140	2	Bearing-Control				



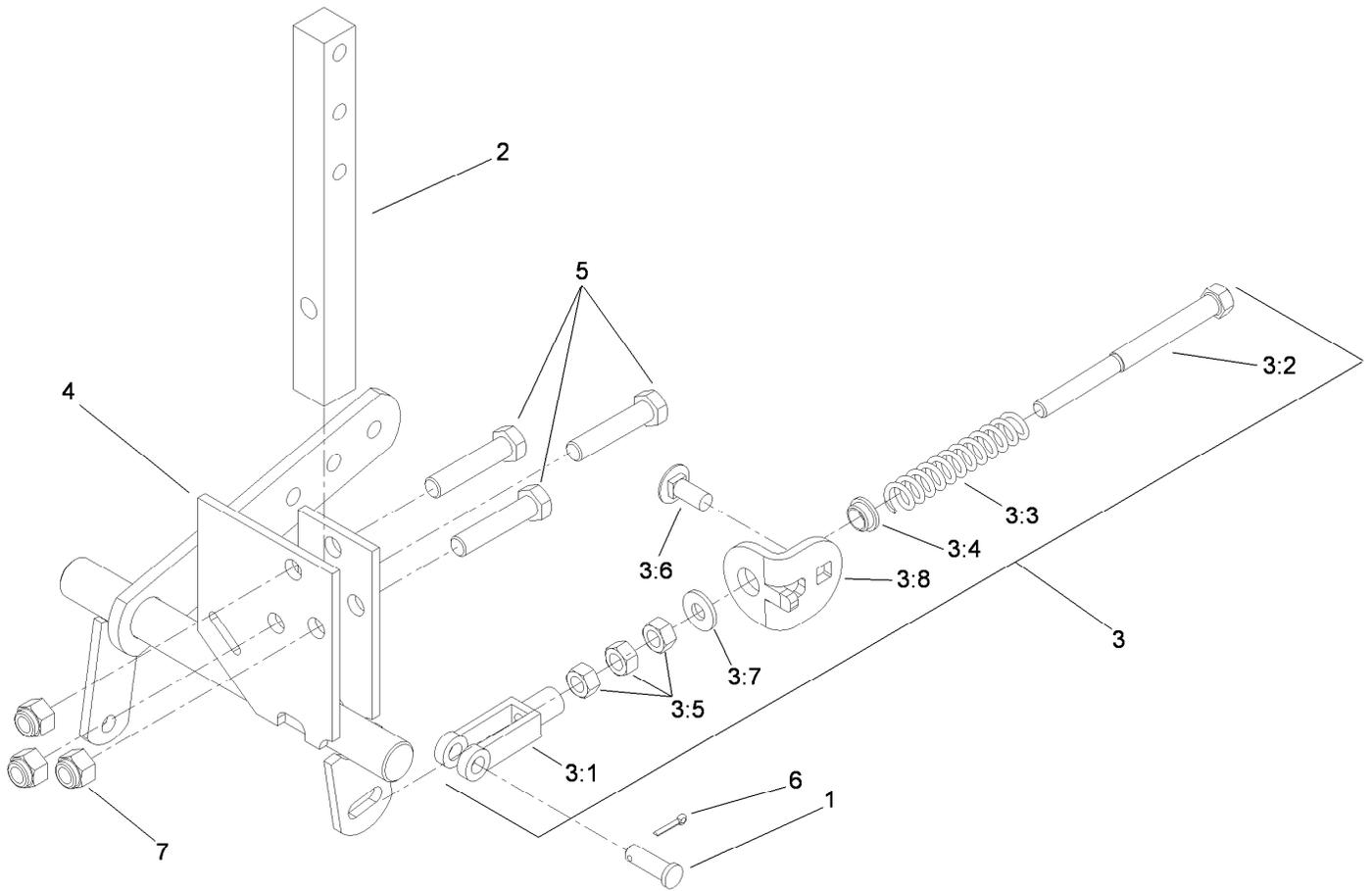
Motion Control Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-633102	4	Bearing-Flange, Side	29:2	1-633152	1	Balljoint-LH
3	3296-29	8	Nut-Lock, NI	29:3	1-804524	2	Nut
4	103-1361	1	Spacer-Hydro Control, LH	29:5	3219-2	3	Nut-Hex
5	322-12	1	Screw-HH	29:6	1-323245	1	Spring-Compression
6	3290-357	8	Nut-HHF, Whiz	30	32128-20	6	Nut-HF
7	322-14	1	Screw-HH	31	323-4	8	Screw-HH
8	1-403180	4	Screw-HH	32	109-2339	2	Damper-Control, Motion
9	103-5192	1	Spacer-Control, HYD	33	1-803022	2	Screw-Set
19	98-5975	4	Washer-Belleville	34	103-3062	1	Tracking Rod ASM
20	323-6	4	Screw-HH	34:1	1-543017	1	Balljoint-RH
21	108-7237	1	RH Lever ASM	34:2	103-3060	1	Knob-Tracking
21:1	106-9987	1	Grip-Control, Motion	34:3	1-804524	2	Nut
22	108-7238	1	LH Lever ASM	34:4	1-323245	2	Spring-Compression
22:1	106-9987	1	Grip-Control, Motion	34:5	1-633152	1	Balljoint-LH
26	322-6	4	Screw-HH	34:7	3219-2	1	Nut-Hex
28	103-0194-03	2	Arm-Control, Hydro	35	3217-6	4	Nut-Hex
29	103-5190	1	RH HYD Connect Link ASM	36	109-3978	1	RH Motion Control ASM
29:1	1-543017	1	Balljoint-RH	37	109-3979	1	LH Motion Control ASM



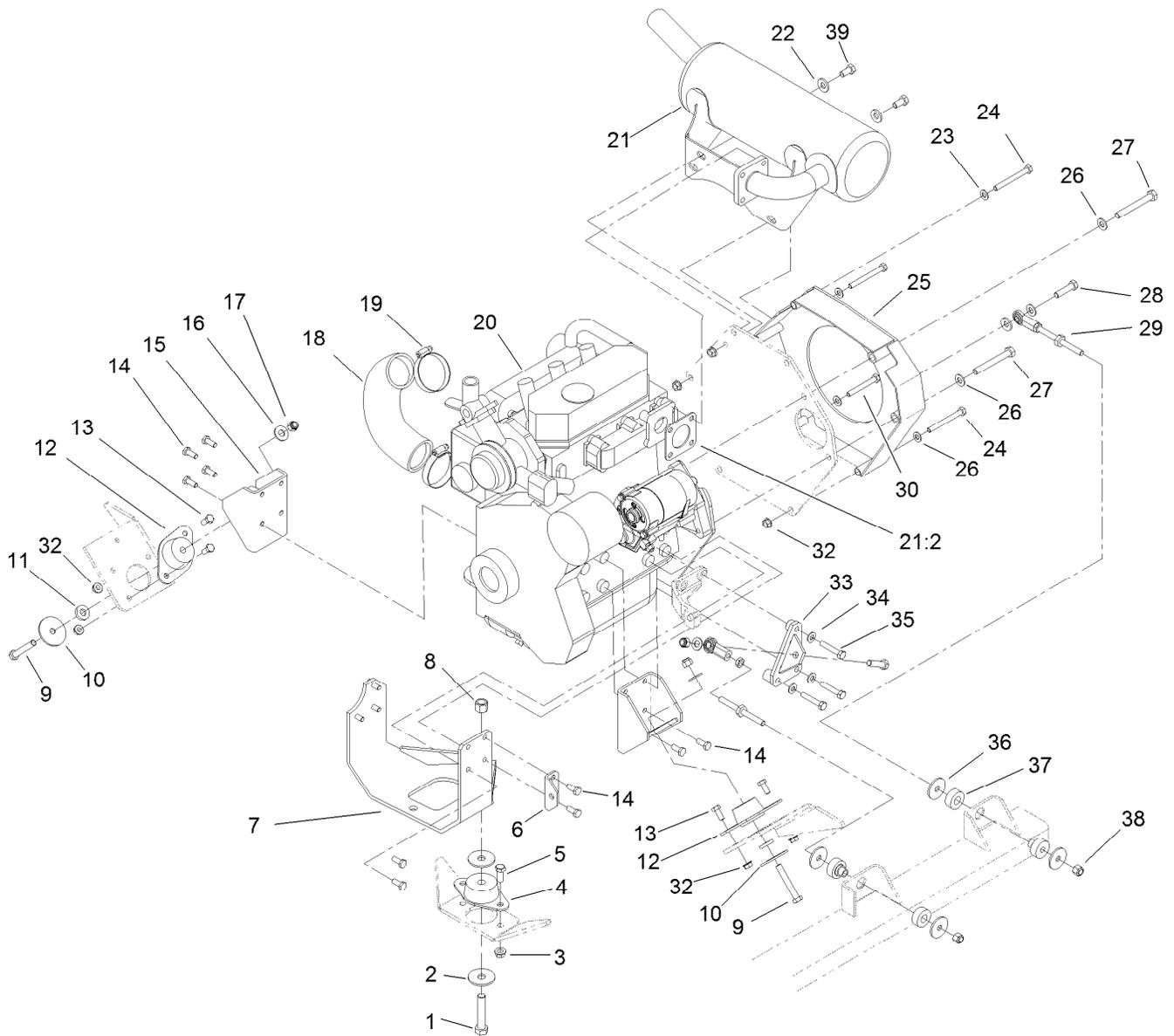
RH Motion Control Assembly No. 109-3978

Ref.	Part Number	Qty.	Description
1	1-808280	1	Pin-Clevis
2	103-0407	1	Arm-Shaft, Control
3	109-3903	1	Neutral Return ASM
3:1	1-303105	1	Yoke-Adjustable
3:2	1-603737	1	Bolt-Return, Neutral
3:3	1-603807	1	Spring-Return, Neutral
3:4	109-3769	1	Bushing-Nylon, Flanged
3:5	3219-2	3	Nut-Hex
3:6	3230-23	1	Screw-CARR
3:7	3256-2	1	Washer-Flat
3:8	109-3908	1	Tab-Adjustment
4	109-3980	1	Control-Motion, RH
5	323-9	3	Screw-HH
6	3272-5	1	Pin-Cotter
7	3296-39	3	Nut-Lock, NI



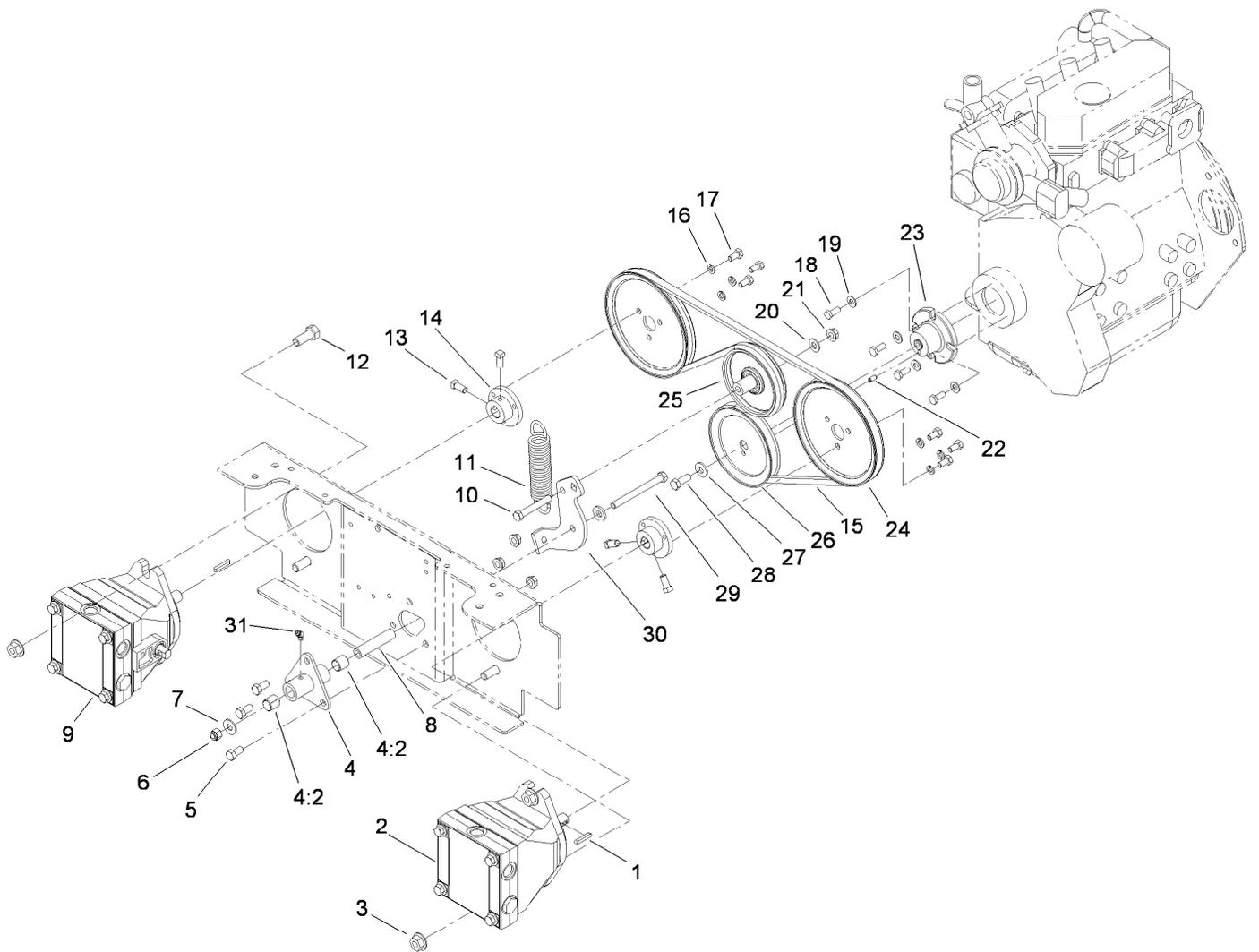
LH Motion Control Assembly No. 109-3979

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-808280	1	Pin-Clevis
2	103-0407	1	Arm-Shaft, Control
3	109-3903	1	Neutral Return ASM
3:1	1-303105	1	Yoke-Adjustable
3:2	1-603737	1	Bolt-Return, Neutral
3:3	1-603807	1	Spring-Return, Neutral
3:4	109-3769	1	Bushing-Nylon, Flanged
3:5	3219-2	3	Nut-Hex
3:6	3230-23	1	Screw-CARR
3:7	3256-2	1	Washer-Flat
3:8	109-3908	1	Tab-Adjustment
4	109-3983	1	Control-Motion, LH
5	323-9	3	Screw-HH
6	3272-5	1	Pin-Cotter
7	3296-39	3	Nut-Lock, NI



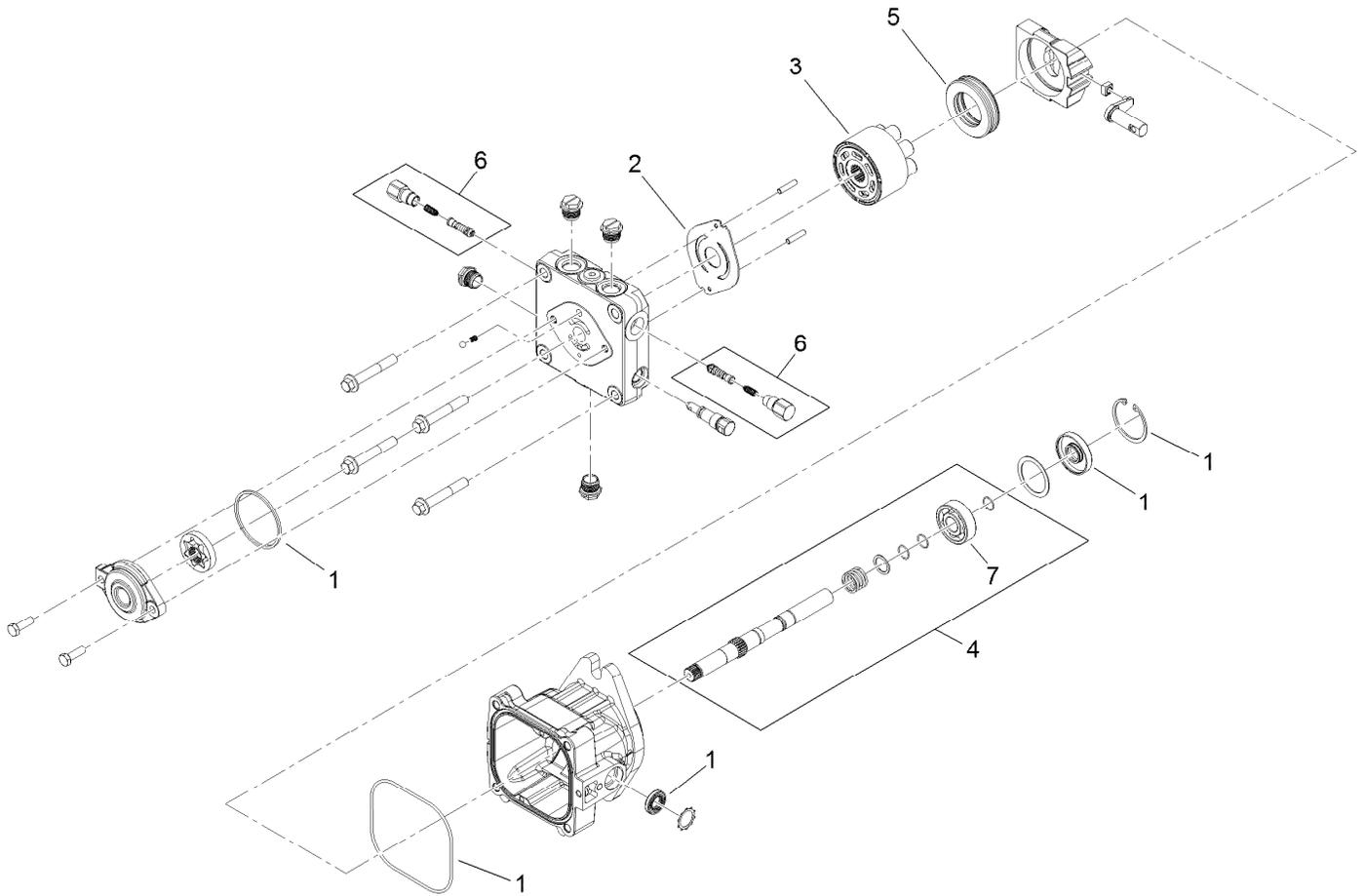
Engine Mount Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	325-10	1	Screw-HH	20	103-0888	1	Engine-Daihatsu
2	86-1990	2	Washer	21	103-2592	1	Muffler Kit
3	3290-357	2	Nut-HHF, Whiz	21:2	103-1385	1	Gasket-Muffler
4	103-1022	1	Isolator-Rear	22	98-5975	3	Washer-Belleville
5	323-5	2	Screw-HH	23	3256-23	4	Washer-Flat
6	103-3908	1	Bracket-Ground	24	322-14	3	Screw-HH
7	103-0870-03	1	Rear Engine Mount ASM	25	103-3573-03	1	Cover-Flywheel
8	3296-23	1	Nut-Lock, NI	26	3256-24	4	Washer-Flat
9	323-12	2	Screw-HH	27	56-2150	2	Screw-HH
10	83-1040	2	Washer-Flat	28	323-8	2	Screw-HH
11	66-6480	2	Washer	29	103-3745	2	Ball Joint Link ASM
12	103-2613	2	Isolator-Side	30	322-12	1	Screw-HH
13	322-3	4	Screw-HH	32	32128-20	7	Nut-HF
14	33114-020	15	Screw-HH	33	103-3556-03	1	Bracket-Engine, Front
15	103-0839-03	2	LH And RH Engine Mount ASM	34	1-303334	3	Washer-Spring
16	3256-4	2	Washer-Flat	35	33114-045	3	Screw-HH
17	3296-39	3	Nut-Lock, NI	36	93-6099	4	Washer
18	103-0921	1	Hose	37	103-3568	2	Isolator-Link
19	2412-42	2	Clamp-Hose	38	3296-6	2	Nut-Lock
				39	63-7790	2	Screw-Cap



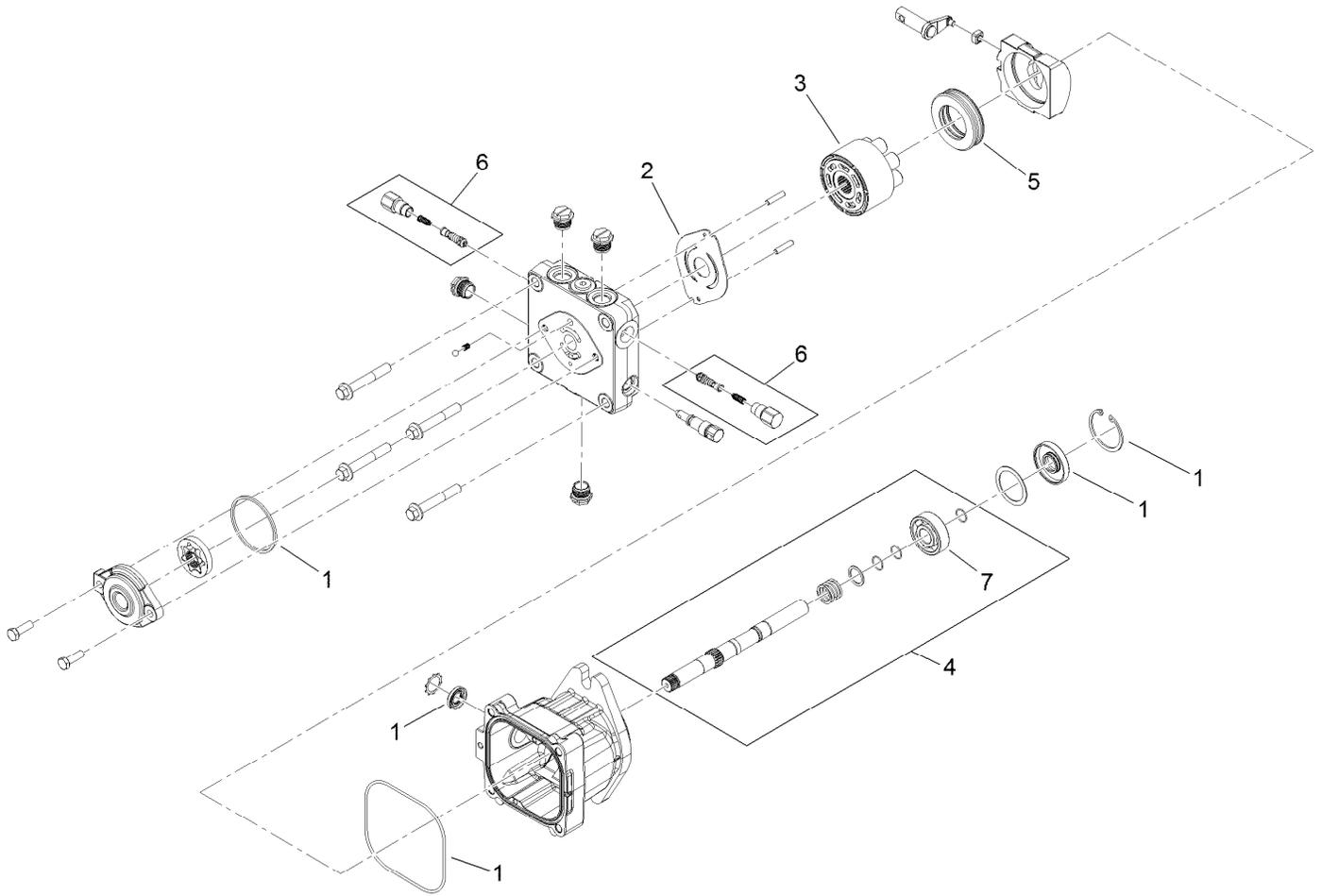
Wheel Pump Drive Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	103-2739	2	Key	16	1-805005	6	Washer-Lock
2	103-2978	1	Pump-Hydro, LH	17	322-2	6	Screw-HH
3	32128-49	4	Nut-HHF	18	33114-020	4	Screw-HH
4	103-4467	1	Pump Idler ASM	19	3256-23	4	Washer-Flat
4:2	1-513034	2	Sleeve-Bearing	20	3256-24	1	Washer-Flat
5	323-4	3	Screw-HH	21	3290-357	4	Nut-HHF, Whiz
6	3296-39	1	Nut-Lock, NI	22	103-1459	1	Pin-Roll
7	3256-4	1	Washer-Flat	23	103-1421	1	Hub-Drive, Pump
8	103-0919	1	Bushing-Tightener, Pivot	24	103-1472	2	Sheave-Pump
9	103-2979	1	Pump-Hydro, RH	25	103-4464	1	Idler-Pump
10	323-12	1	Screw-HH	26	103-5164	1	Sheave-Engine
11	1-603413	1	Spring-Extension	27	98-5975	2	Washer-Belleville
12	325-5	4	Screw-HH	28	323-6	1	Screw-HH
13	1-803050	4	Screw-Set	29	323-16	1	Screw-HH
14	103-1471	2	Hub-Pump	30	103-4463-03	1	Arm-Tightener, Pump
15	107-7724	1	Belt-V	31	302-11	1	Fitting-Lube, 45 DEG



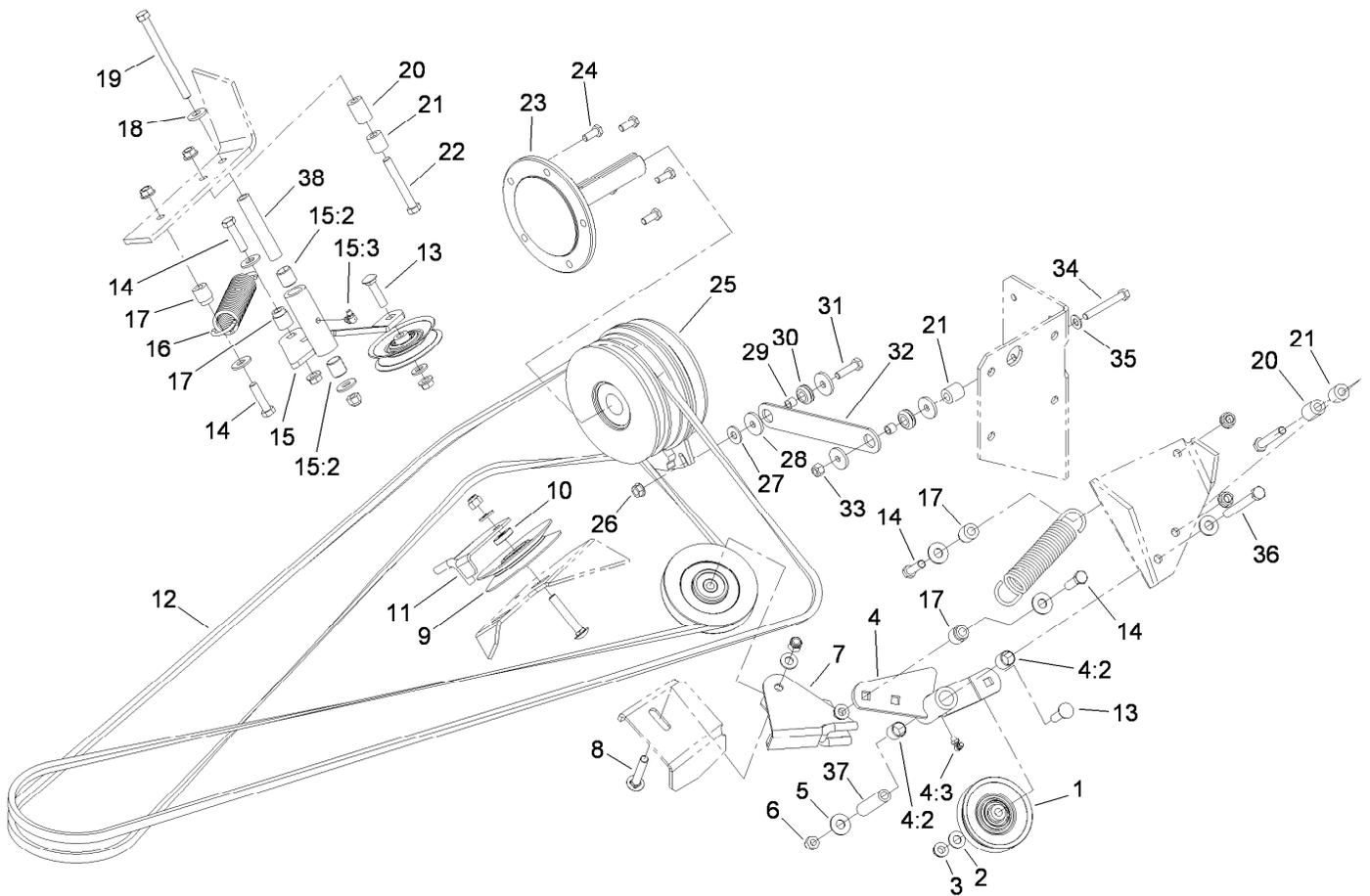
Hydraulic Pump Assembly No. 103-2978

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-6110	1	Overhaul Seal Kit
2	100-6112	1	Plate-Valve
3	94-1913	1	Cylinder Block ASM
4	103-2669	1	Input Shaft Kit
5	103-2670	1	Thrust Bearing Kit
6	103-2741	1	Shock Valve Kit
7	103-8439	1	Input Bearing Kit



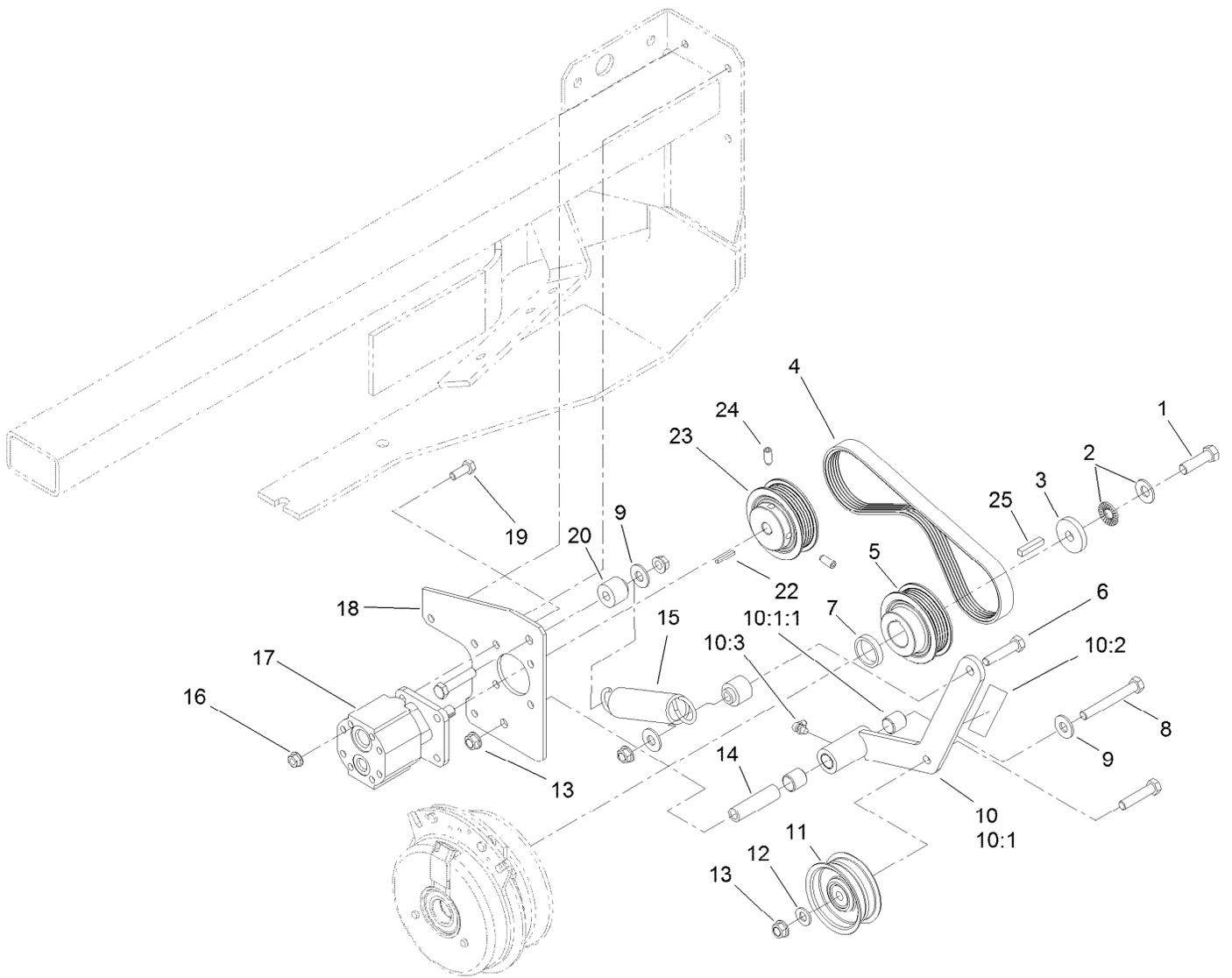
Hydraulic Pump Assembly No. 103-2979

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-6110	1	Overhaul Seal Kit
2	100-6112	1	Plate-Valve
3	94-1913	1	Cylinder Block ASM
4	103-2669	1	Input Shaft Kit
5	103-2670	1	Thrust Bearing Kit
6	103-2741	1	Shock Valve Kit
7	103-8439	1	Input Bearing Kit



Deck Belt Drive Assembly

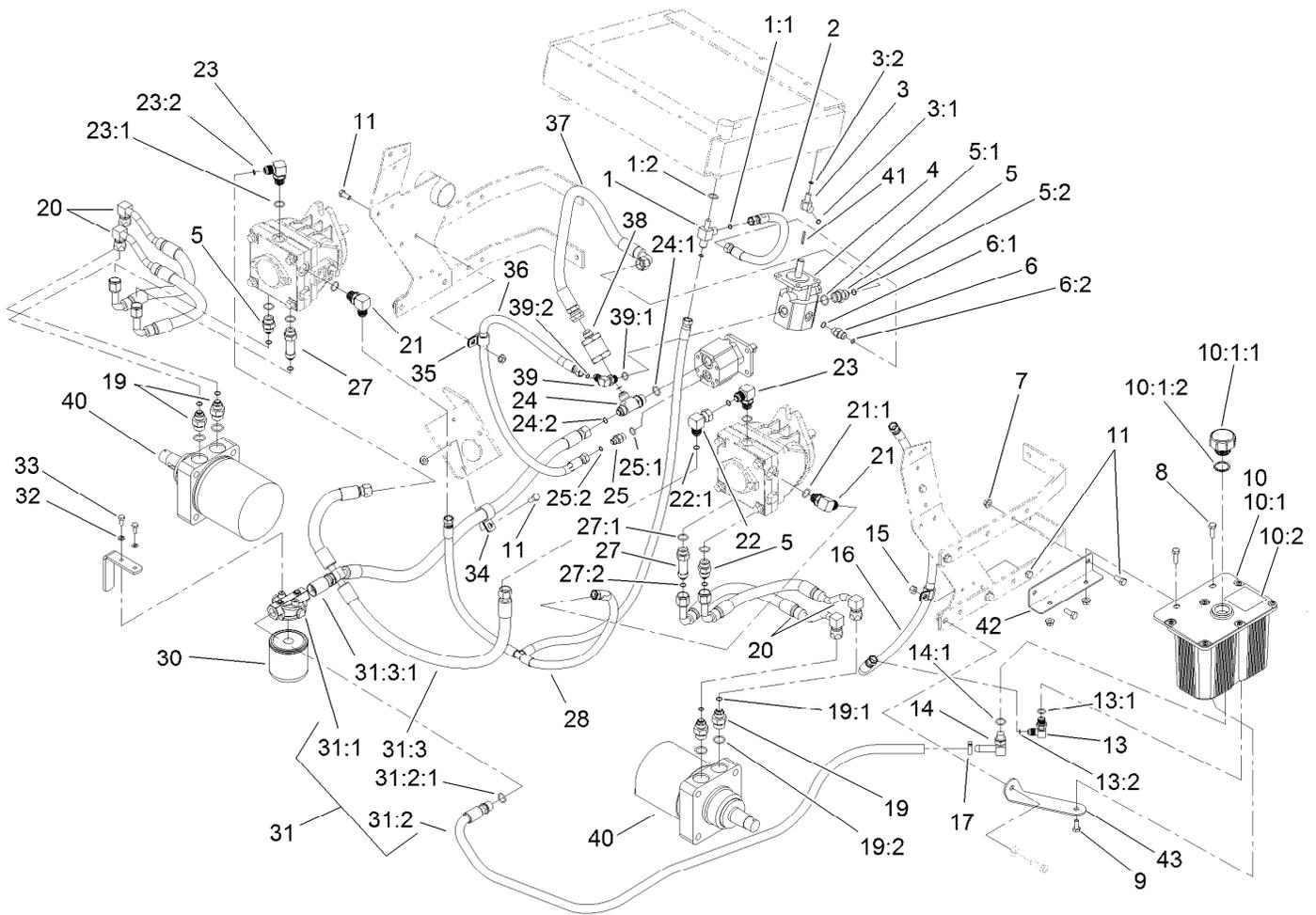
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0983	2	Sheave	18	98-5975	2	Washer-Belleville
2	3256-24	4	Washer-Flat	19	323-23	1	Screw-HH
3	3290-357	7	Nut-HHF, Whiz	20	103-1361	2	Spacer-Hydro Control, LH
4	107-9851	1	LH Idler ASM	21	103-0193	3	Spacer-Strap, Clutch
4:2	1-513034	2	Sleeve-Bearing	22	323-13	2	Screw-HH
4:3	302-40	1	Fitting-Grease	23	103-0286	1	Shaft-Stub
5	3256-4	6	Washer-Flat	24	33114-020	5	Screw-HH
6	3296-39	4	Nut-Lock, NI	25	109-6627	1	Clutch Kit
7	103-4011-03	1	Guard-Belt Sheave, LH	26	32128-20	1	Nut-HF
8	3231-40	2	Bolt-CARR	27	3256-3	1	Washer-Flat
9	103-0984	2	Sheave	28	1-613235	4	Washer
10	103-3186	1	Spacer-Bracket, Guide	29	1-633545	2	Spacer
11	103-4039-03	1	Guard-Belt Sheave, RH	30	1-633630	2	Grommet
12	107-7738	2	Belt-V	31	322-6	1	Screw-HH
13	3231-4	2	Screw-CARR	32	103-0192-03	1	Strap-Clutch / Brake
14	323-9	4	Screw-HH	33	3296-29	1	Nut-Lock, NI
15	107-9861	1	RH Idler ASM	34	322-12	1	Screw-HH
15:2	1-513034	2	Sleeve-Bearing	35	3256-23	1	Washer-Flat
15:3	302-40	1	Fitting-Grease	36	323-16	1	Screw-HH
16	103-1767	2	Spring-Extension	37	103-0919	1	Bushing-Tightener, Pivot
17	103-1503	4	Spacer-Tightener, Belt	38	103-0040	1	Bushing-Tightener, Pivot



Cooling Pump Drive Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3212-6	1	Screw-HH	11	1-633167	1	Sheave-Idler
2	1-603610	2	Washer-Spring	12	3256-24	1	Washer-Flat
3	1-543610	1	Washer-Clutch	13	3290-357	4	Nut-HHF, Whiz
4	107-7739	1	Belt-Poly V	14	1-603384	1	Bushing-Pivot, Idler
5	103-1339	1	Sheave-5 Rib	15	1-603414	1	Spring-Extension
6	323-9	3	Screw-HH	16	3296-29	4	Nut-Lock, NI
7	103-1422	1	Spacer-Pump Drive, Fan	17	103-7431	1	Pump-Fan, Cooling
8	323-14	1	Screw-HH	18	103-1299-03	1	Plate-Mating, Fan Pump
9	3256-4	3	Washer-Flat	19	322-4	4	Screw-HH
10	107-9879	1	Wheel Pump Tension ASM	20	103-1575	2	Spacer-Spring, Fan Pump
10:1		1	Tensioner ASM ●	22	32150-1	1	Key-Square
10:1:1	1-513034	2	Sleeve-Bearing	23	103-1338	1	Sheave-5 Rib
10:2	98-5954	1	Decal-Cover, Missing	24	3246-6	2	Screw-Set, HSH
10:3	302-40	1	Fitting-Grease	25	13-2840	1	Key-Square

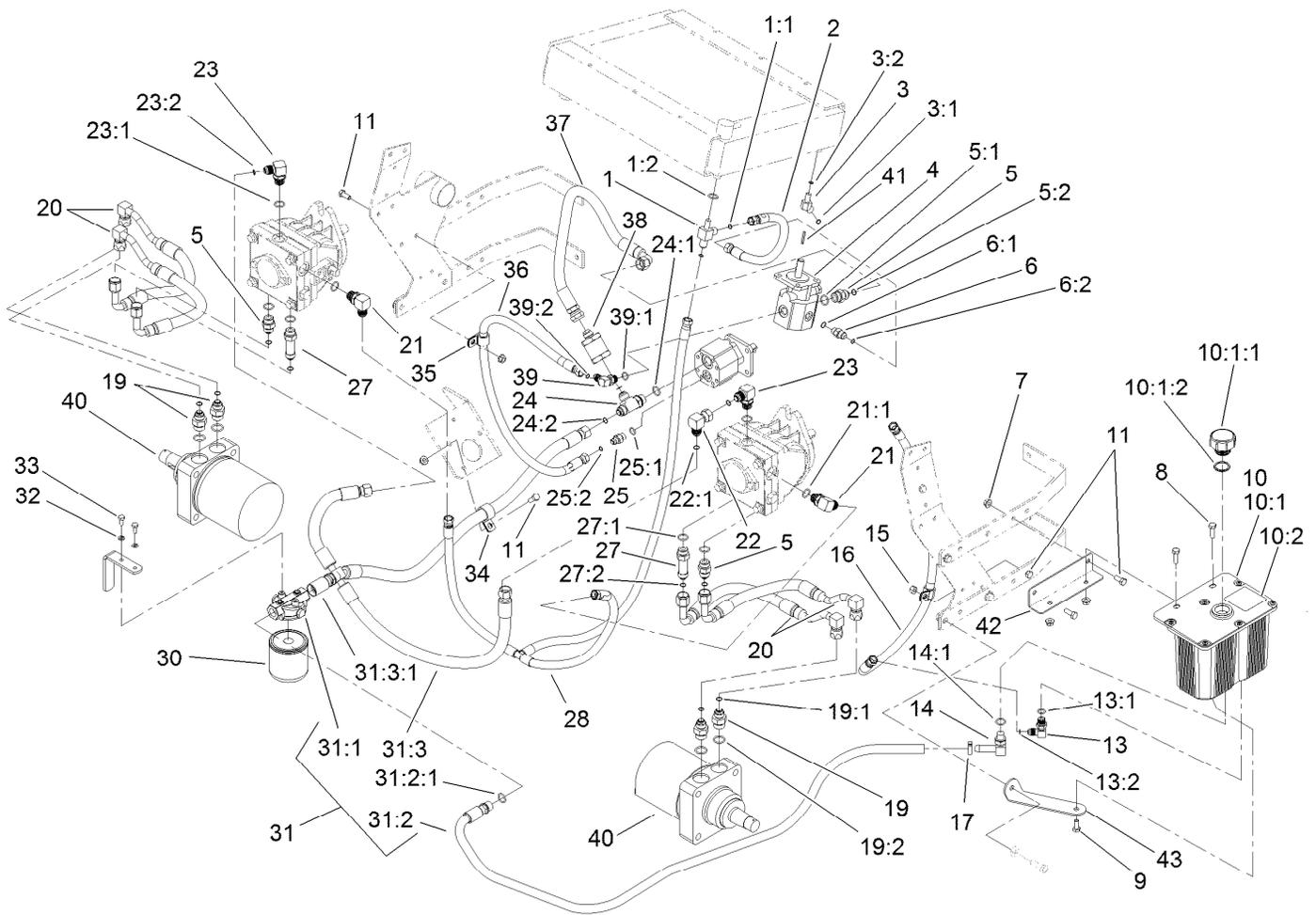
● Not serviced separately



Hydraulic System Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	108-5998	1	Fitting-HYD, Straight Tee	10:1	103-1948	1	Tank-Hydraulic ●
1:1	237-21	2	O-Ring	10:1:1	103-1948	1	Cap-Reservoir, HYD
1:2	237-42	1	O-Ring	10:1:2	103-1949	1	Gasket-Cap
2	103-2173	1	Fan Case Drain Hose ASM	10:2	1-523552	1	Decal-Tank, HYD
3	108-5999	1	Fitting-HYD, 45 Elbow	11	322-4	5	Screw-HH
3:1	237-21	1	O-Ring	13	103-2155	1	Fitting-90 DEG
3:2	237-42	1	O-Ring	13:1	1-603921	1	O-Ring
4	103-7430	1	Motor-Fan, Cooling	13:2	103-1020	1	O-Ring
5	1-603990	3	Fitting-Straight	14	108-5316	1	Fitting-Elbow, 90 DEG
5:1	1-603920	1	O-Ring	14:1	237-79	1	O-Ring
5:2	1-603992	1	O-Ring	15	3296-29	1	Nut-Lock, NI
6	103-2157	1	Fitting-Straight	16	103-2174	1	Tank Return Hose ASM
6:1	1-603923	1	O-Ring	17	103-2104	1	Clamp-Hose
6:2	103-1020	1	O-Ring	19	1-603991	4	Fitting-Straight
7	32128-20	7	Nut-HF	19:1	237-80	1	O-Ring
8	322-5	4	Screw-HH	19:2	1-603992	1	O-Ring
9	322-3	2	Screw-HH	20	103-4679	4	HYD Hose ASM
10	109-0582	1	Hydraulic Tank ASM	21	103-1014	2	Fitting-Elbow, 90 DEG

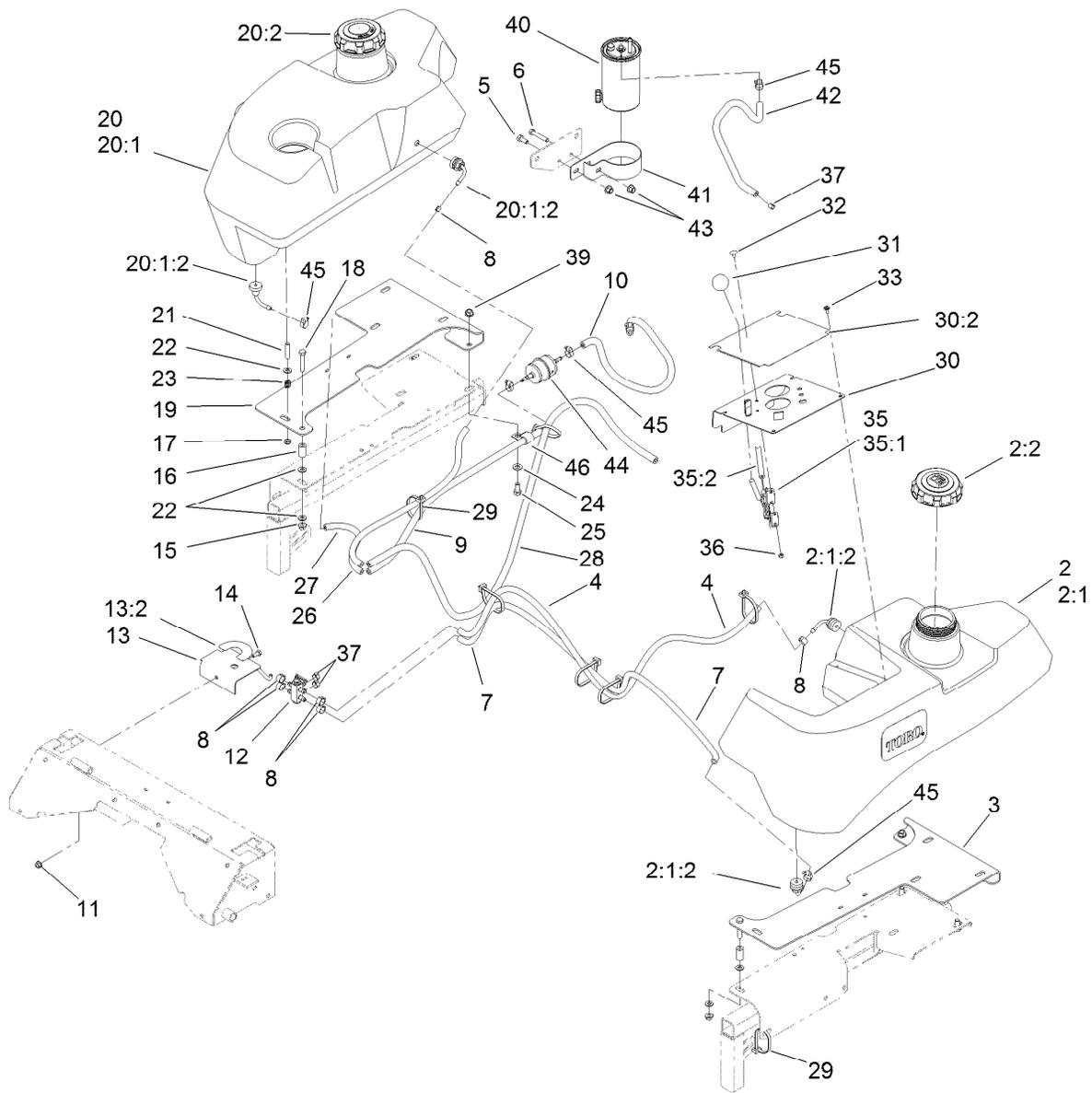
● Not serviced separately



Hydraulic System Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
21:1	1-603920	1	O-Ring	31:1	103-2259	1	Head-Filter
22	103-2315	1	Fitting-90 DEG	31:2	103-5121	1	Filter Inlet Hose ASM
22:1	1-603992	1	O-Ring	31:2:1	1-603920	1	O-Ring
23	103-2153	2	Fitting-90 DEG	31:3	103-2269	1	Pump Inlet Hose ASM
23:1	1-603920	1	O-Ring	31:3:1	1-603920	1	O-Ring
23:2	1-603992	1	O-Ring	32	1-805004	2	Washer-Lock
24	103-2159	1	Fitting-Tee	33	321-3	2	Screw-HH
24:1	1-603920	1	O-Ring	34	1-643312	1	Clip-Loom
24:2	1-603992	2	O-Ring	35	1-633396	2	Clip-Loom
25	103-2156	1	Fitting-Straight	36	103-2148	1	Auxillary Pump Hose ASM
25:1	1-603921	1	O-Ring	37	1-323241	1	Hose-Pressure, High
25:2	103-1020	1	O-Ring	38	103-3110	1	Filter-In Line, 50 Micron
27	103-1940	2	Adapter-HYD, Straight	39	103-2155	1	Fitting-90 DEG
27:1	237-79	1	O-Ring	39:1	1-603921	1	O-Ring
27:2	1-603992	1	O-Ring	39:2	103-1020	1	O-Ring
28	103-2172	1	Case Drain Hose ASM	40	103-2489	2	Motor-Wheel, HYD
30	23-9740	1	Filter-Oil,Hydraulic	41	32150-1	1	Key-Square
31	103-5120	1	Charge Hose ASM	42	112-1768-03	1	Bracket-Tank Mount, Upper
				43	112-1778-03	1	Bracket-Tank Mount, Lower

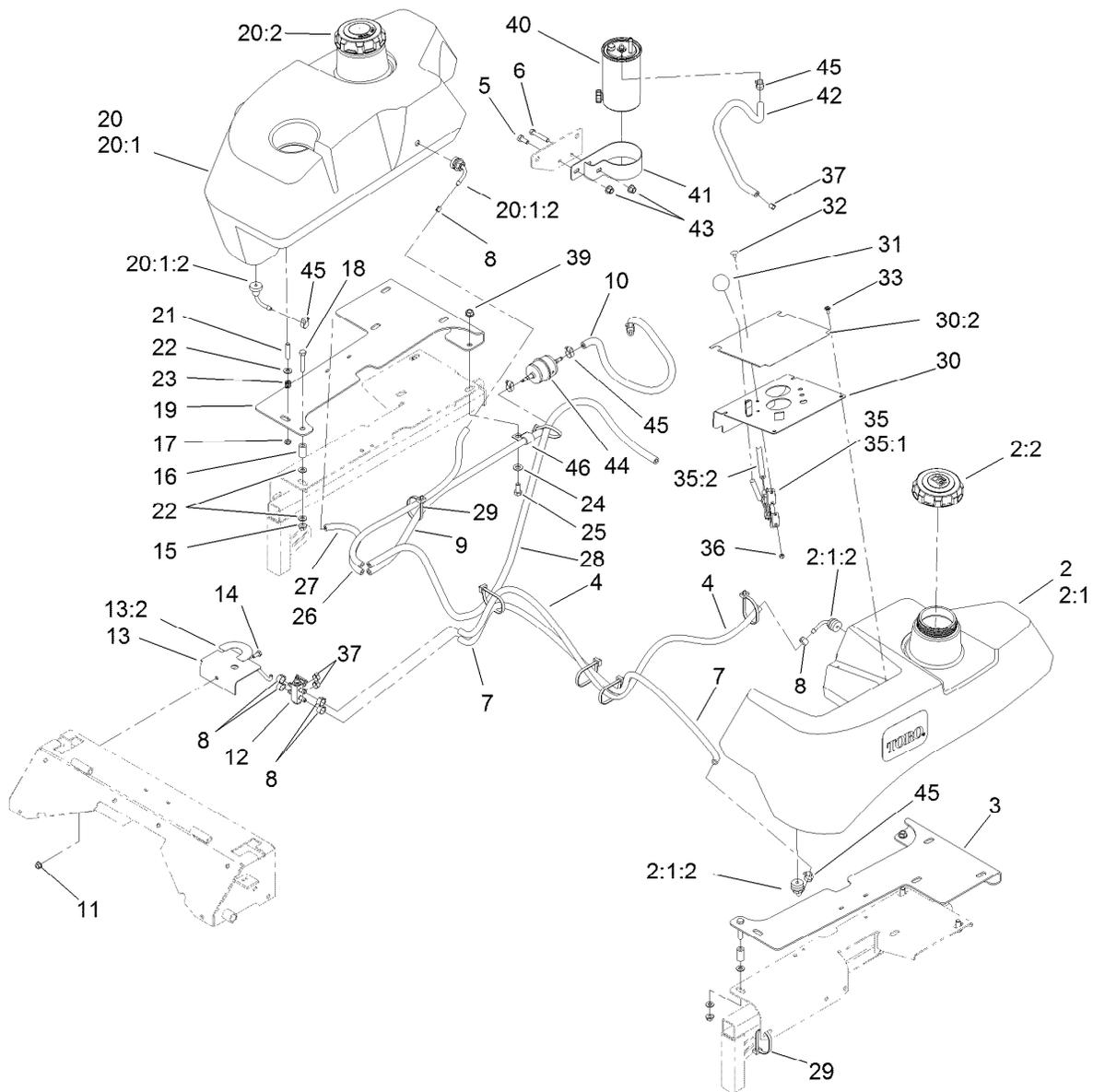
● Not serviced separately



Tank and Fuel Line Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	115-3556	1	LH Fuel Tank Kit	16	94-7564	2	Spacer
2:1		1	Tank-Fuel, LH ●	17	3296-47	6	Nut-Lock, NI
2:1:2	103-2615	2	Fitting-Fuel, Bulkhead	18	322-9	2	Screw-HH
2:2	114-8214	1	Biodiesel Cap ASM	19	107-7671-03	1	Bracket-Fuel Tank, RH
3	107-7672-03	1	Bracket-Fuel Tank, LH	20	115-3555	1	RH Fuel Tank Kit
4	109-0273	1	Hose-Fuel	20:1		1	Tank-Fuel, RH ●
5	322-3	1	Screw-HH	20:1:2	103-2615	2	Fitting-Fuel, Bulkhead
6	322-9	1	Screw-HH	20:2	114-8214	1	Biodiesel Cap ASM
7	109-0289	1	Hose-Fuel	21	1-633023	6	Stud
8	1-643293	6	Clamp-Hose, Fuel	22	3256-23	10	Washer-Flat
9	114-8206	1	Hose-Fuel	23	1-633349	6	Spring-Tank, Fuel
10	110-4113	1	Hose-Fuel	24	3256-24	4	Washer-Flat
11	32128-33	1	Nut-HF	25	323-4	4	Screw-HH
12	1-643234	1	Valve-Fuel, Dual Flow	26	110-5701	1	Hose-Fuel
13	107-9878	1	Bracket-Valve, Fuel	27	109-0294	1	Hose-Fuel
13:2	107-2114	1	Decal-Valve, Fuel	28	110-4100	1	Hose-Fuel
14	321-3	1	Screw-HH	29	1-303335	7	Tie-Plastic
15	3296-47	2	Nut-Lock, NI	30	117-0918	1	Control Panel ASM

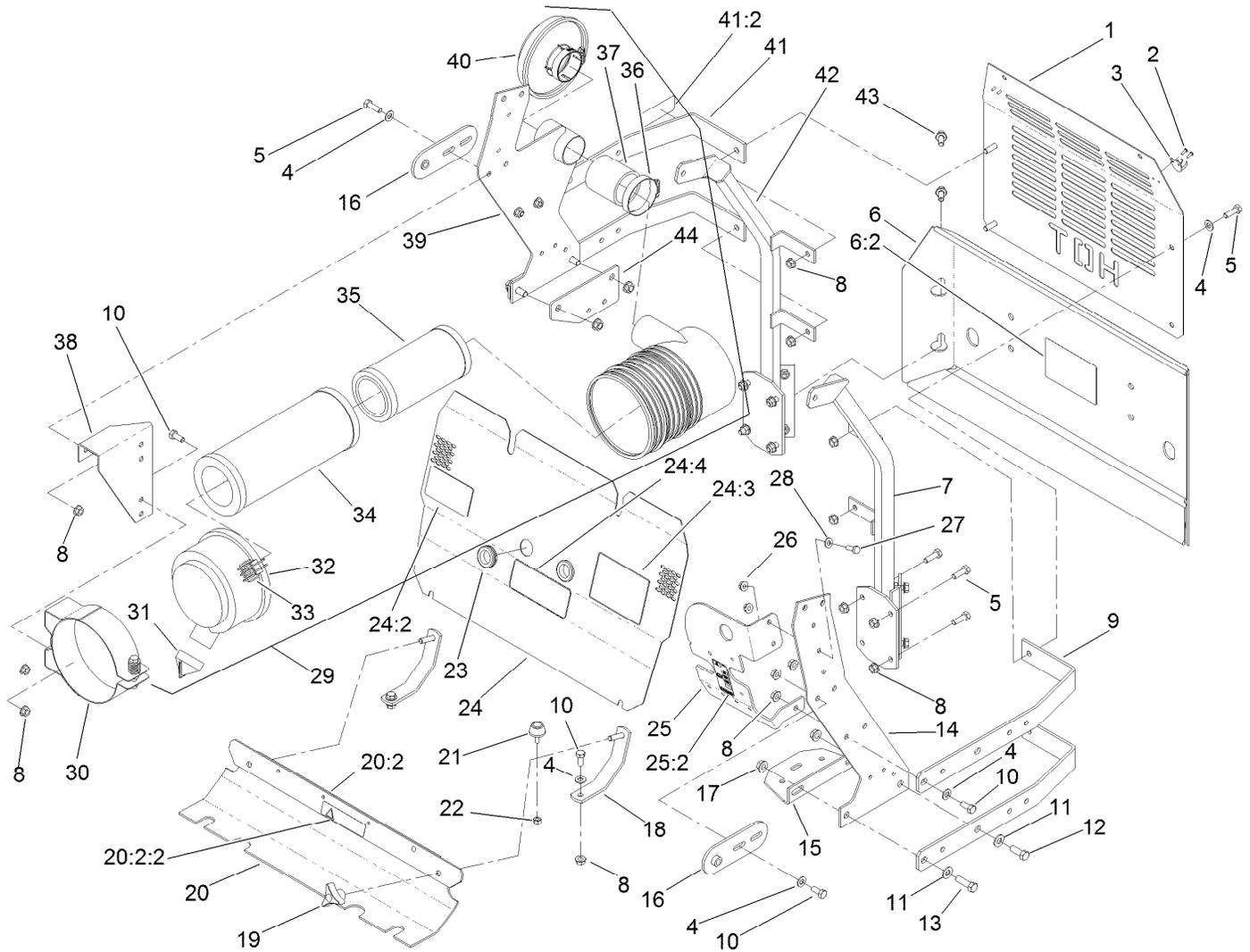
● Not serviced separately



Tank and Fuel Line Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
30:2	121-7563	1	Decal - Panel, Control	39	3290-357	4	Nut-HHF, Whiz
31	1-603175	1	Knob-Ball	40	112-9188	1	Element-Filter, Fuel/Water
32	1-807513	2	Bolt-CARR	41	110-8807	1	Bracket-Filter, Fuel
33	109-2661	4	Screw-PPH	42	114-8207	1	Hose-Fuel
35	110-5729	1	Throttle Control Cable ASM	43	3296-58	2	Nut-Lock, NI
35:1	112-2334	1	Lever-Throttle	44	112-7836	1	Filter-Inline
35:2	110-5730	1	Cable-Throttle	45	2412-108	7	Clamp-Worm
36	3296-2	2	Nut-Lock, NI	46	115-3559	1	Clamp-J
37	1-643277	3	Clamp-Hose, Fuel				

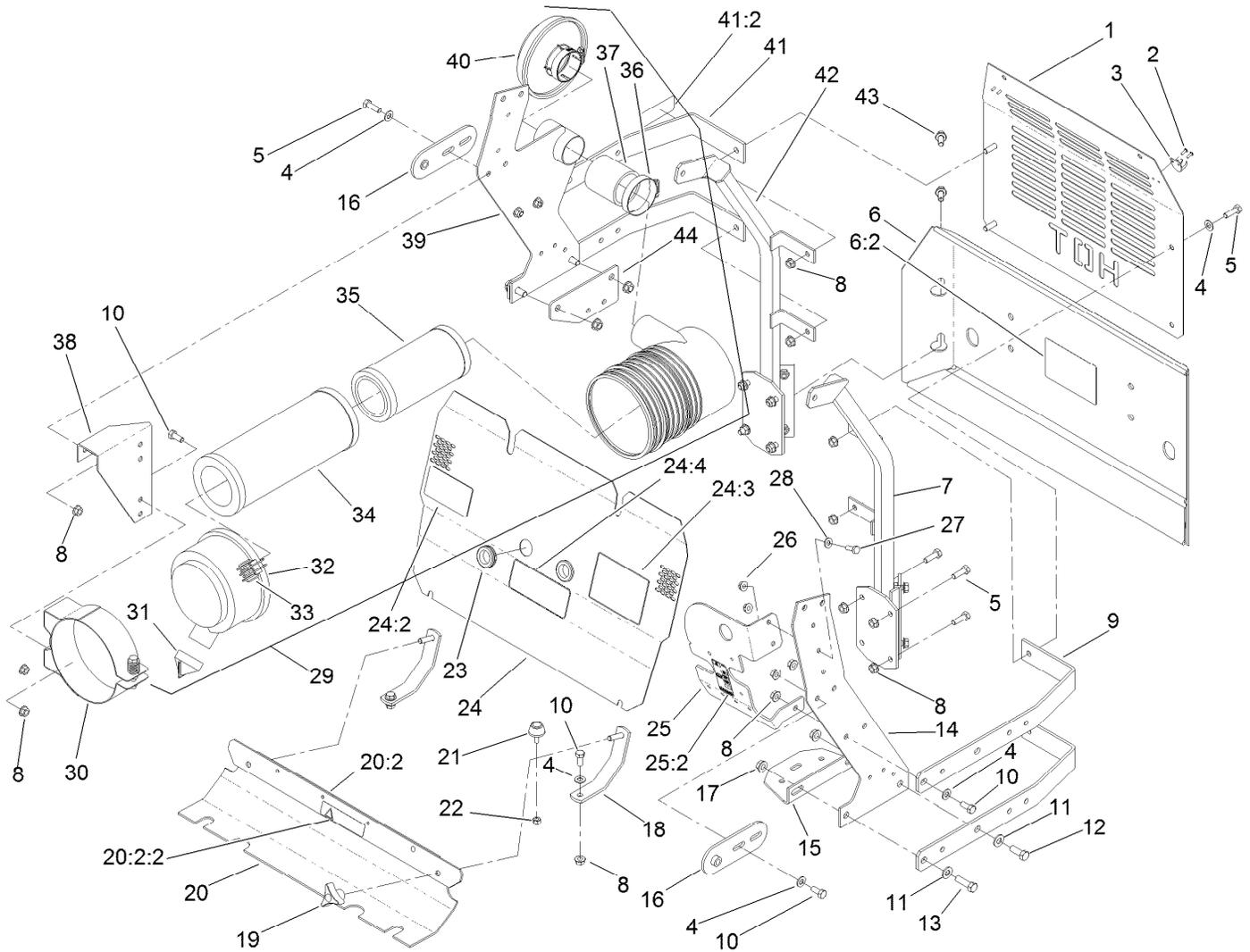
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Front and Rear Engine Cover Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	103-4855-03	1	Guard-Muffler	17	3290-357	4	Nut-HHF, Whiz
2	923786	4	Rivet	18	103-5163-03	2	Mount-Belt Shield, Engine
3	1-643189	2	Keeper-Latch, Rubber	19	1-323385	2	Knob-3 Prong
4	3256-23	13	Washer-Flat	20	107-7709	1	Engine Belt Shield ASM
5	322-5	14	Screw-HH	20:2		1	Strip-Shield, Belt ●
6	107-9865	1	Rear Bumper ASM	20:2:2	98-5954	1	Decal-Cover, Missing
6:2	107-9864	1	Decal-Belt Routing, Deck Drive	21	109-2365	2	Rubber Bumper ASM
7	103-5157-03	1	Frame-Upper, LH Rear	22	3296-42	2	Nut-Lock, NI
8	32128-20	23	Nut-HF	23	100-3815	2	Grommet-Rubber
9	103-4906-03	3	Bar-Mount Frame, Radiator	24	107-7707	1	Engine Access Panel ASM
10	322-3	9	Screw-HH	24:2	107-7705	1	Decal-Belt Routing, Pump
11	3256-24	4	Washer-Flat	24:3	103-3276	1	Decal-Buzzer, Warning
12	323-6	2	Screw-HH	24:4	103-5881	1	Decal-Devices, Rotating
13	323-7	2	Screw-HH	25	117-3862	1	Fuse/Relay Bracket ASM
14	103-5169-03	1	Mount-Side, LH	25:2	117-7818	1	Decal-Fuse
15	103-2603-03	1	Bracket-Bottle	26	32128-33	2	Nut-HF
16	1-632986-03	2	Shackle-Hinge	27	321-4	2	Screw-HH
				28	3256-22	2	Washer-Flat

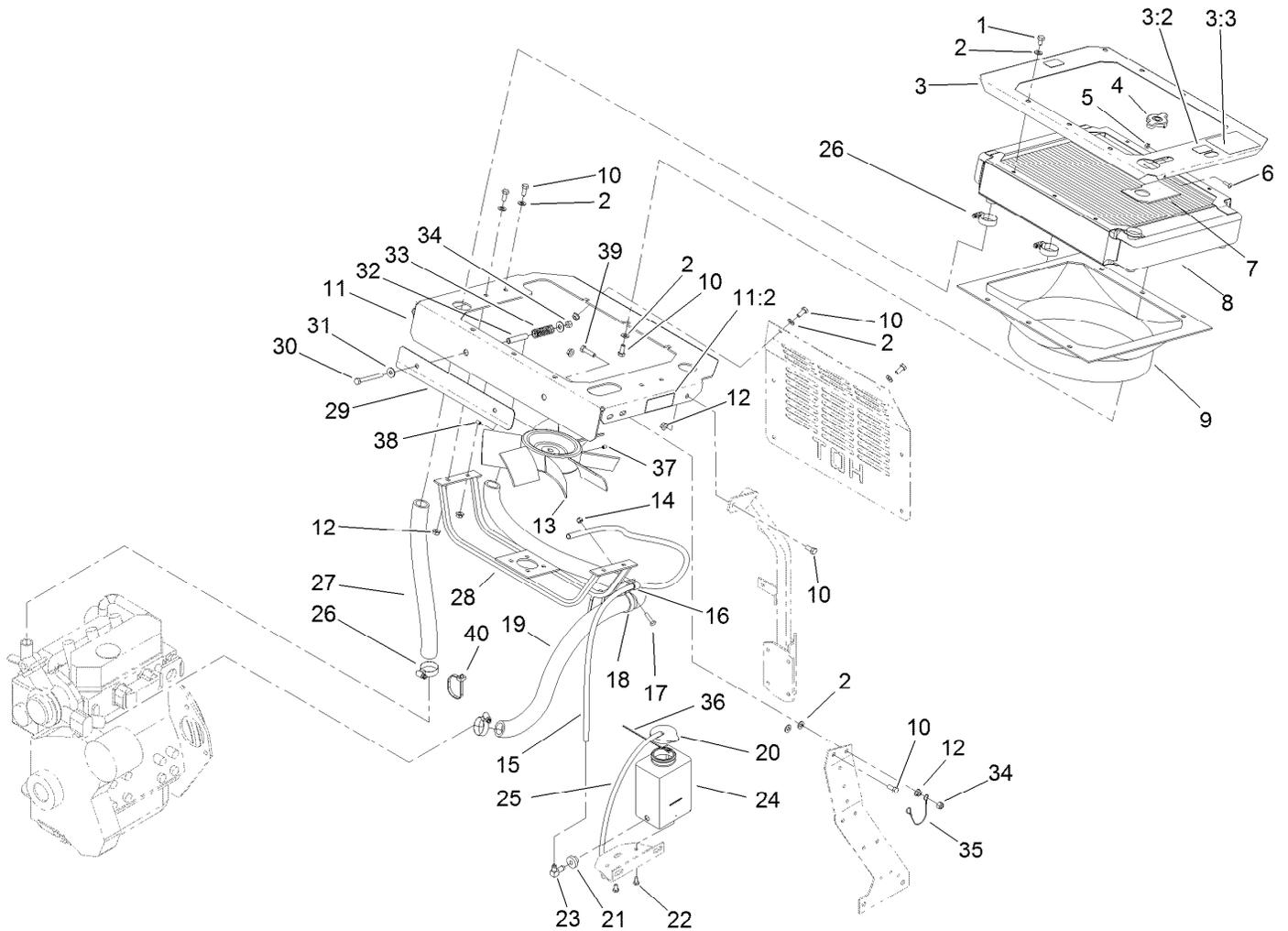
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Front and Rear Engine Cover Assembly (continued)

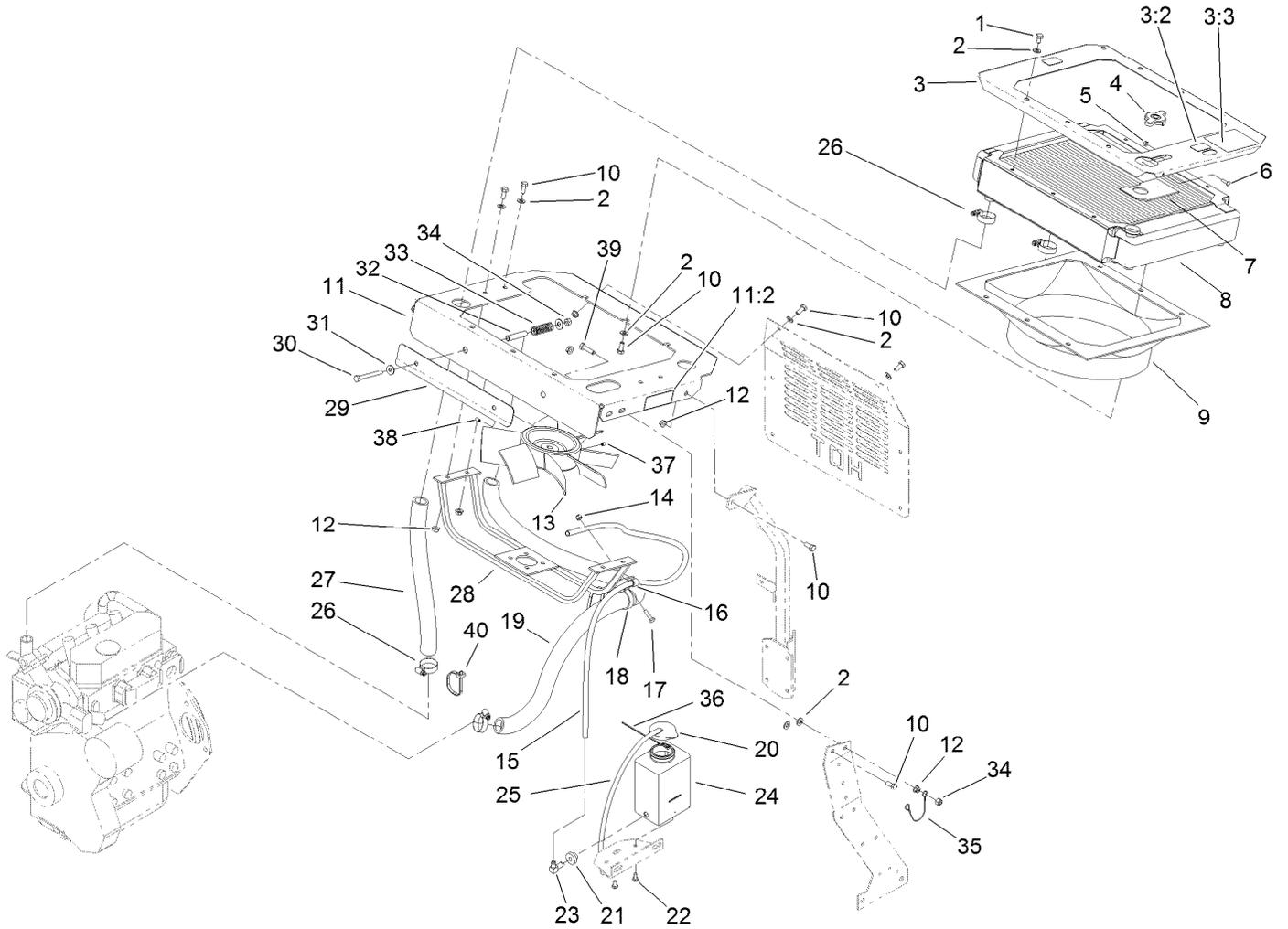
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
29	103-5178	1	Filter-Air	38	103-0953-03	1	Mount-Cleaner, Air
30	103-1058	1	Bracket-Filter, Air	39	103-5123-03	1	RH Radiator And Ac Support ASM
31	99-3175	1	Valve-Ejector, Dust	40	100-2436	1	Hood
32	103-1060	1	Cover-Filter, Air	41	107-7715	1	Bar-Radiator
33	1-643283	2	Latch-Cleaner, Air	41:2	65-2690	1	Decal-Surface, Hot
34	103-1327	1	Filter-Air	42	103-5158-03	1	Frame-Upper, RH Rear
35	103-1326	1	Filter-Air, Safety	43	3234-47	4	Screw-HHF
36	2412-42	1	Clamp-Hose	44	114-8205-03	1	Plate-Fuel Filter Mount
37	103-5198	1	Hose-Intake				

● Not serviced separately



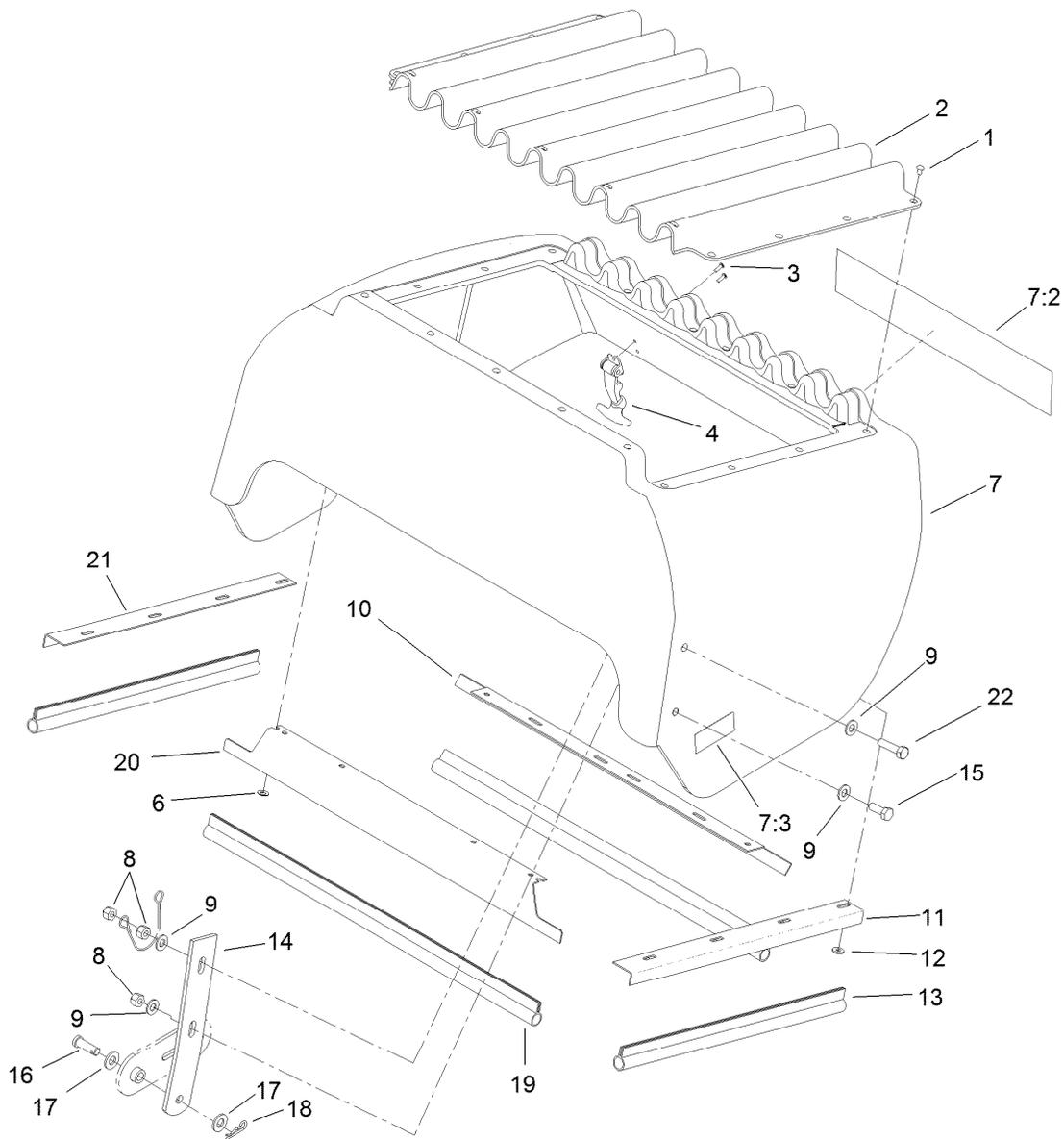
Cooling System Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	322-1	6	Screw-HH	19	103-0922	1	Hose-Inlet, Engine
2	3256-23	22	Washer-Flat	20	1-643164	1	Cap-Tank, Overflow
3	107-7658	1	Plate-Trim, Radiator	21	1-513645	1	Bushing-Valve, Fuel
3:2	65-2690	2	Decal-Surface, Hot	22	321-2	2	Screw-HH
3:3	104-2449	1	Decal-Coolant	23	1-643259	1	Fitting-Elbow
4	1-643161	1	Cap-Radiator	24	1-643163	1	Tank-Overflow
5	3296-2	1	Nut-Lock, NI	25	109-2669	1	Hose
6	1-803075	1	Screw-Head, Truss	26	1-633989	4	Clamp-Hose
7	103-1352	1	Shield-Fill Neck, Radiator	27	103-2505	1	Hose-Outlet, Engine
8	107-9889	1	Radiator	28	103-0086-03	1	Mount-Motor, Fan
9	103-0898	1	Shroud-Cooling, Engine	29	103-4986	1	Bracket-Deflector, Air
10	322-3	16	Screw-HH	30	322-14	2	Screw-HH
11	107-7717	1	Fan Mounting Plate ASM	31	3256-3	4	Washer-Flat
11:2	1-643253	2	Decal-Fan, Radiator	32	103-5223	2	Spacer
12	32128-20	10	Nut-HF	33	1-513296	2	Spring-Indicator, Reverse
13	103-0892	1	Fan	34	3296-29	4	Nut-Lock, NI
14	3296-42	1	Nut-Lock, NI	35	107-9853	2	Lanyard
15	109-2670	1	Hose	36	1-303287	3	Tie-Cable
16	1-513762	1	Clip-Loom	37	3245-44	1	Screw-Set
17	321-6	1	Screw-HH	38	909848	1	Screw-Set
18	103-0113	1	Clip-Loom				



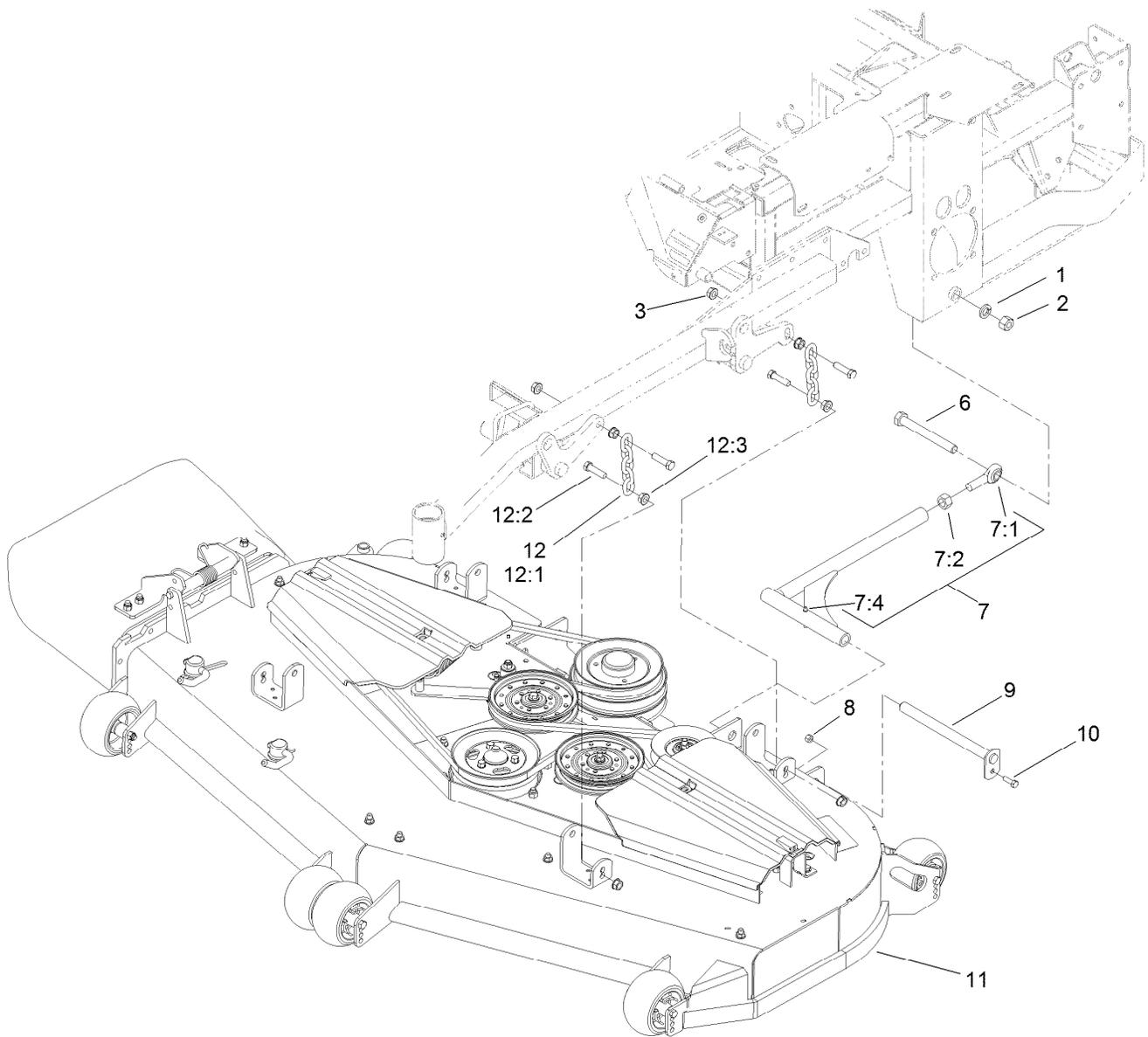
Cooling System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
39	322-6	2	Screw-HH
40	1-303335	2	Tie-Plastic



Hood 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	1-803072	17	Rivet	12	3256-14	12	Washer-Flat
2	1-633864-03	1	Screen-Radiator	13	1-643186	2	Seal-Trim
3	923786	4	Rivet	14	1-633885-03	2	Plate-Hinge, Hood
4	1-643188	2	Latch-Rubber	15	322-4	2	Screw-HH
6	1-303435	5	Washer-Spring	16	1-808285	2	Pin-Clevis
7	115-3560	1	Hood ASM	17	3256-24	4	Washer-Flat
7:2	121-7558	1	Decal	18	1-806003	2	Pin-Cotter, Hair
7:3	114-9600	2	Decal-Low Sulfur	19	1-643187	2	Seal-Trim
8	3296-29	6	Nut-Lock, NI	20	1-643107-03	1	Angle-Radiator, Top
9	3256-23	8	Washer-Flat	21	1-643106-03	1	Angle-Radiator, RH
10	1-643108-03	1	Angle-Radiator, Bottom	22	322-6	2	Screw-HH
11	1-643105-03	1	Angle-Radiator, LH				

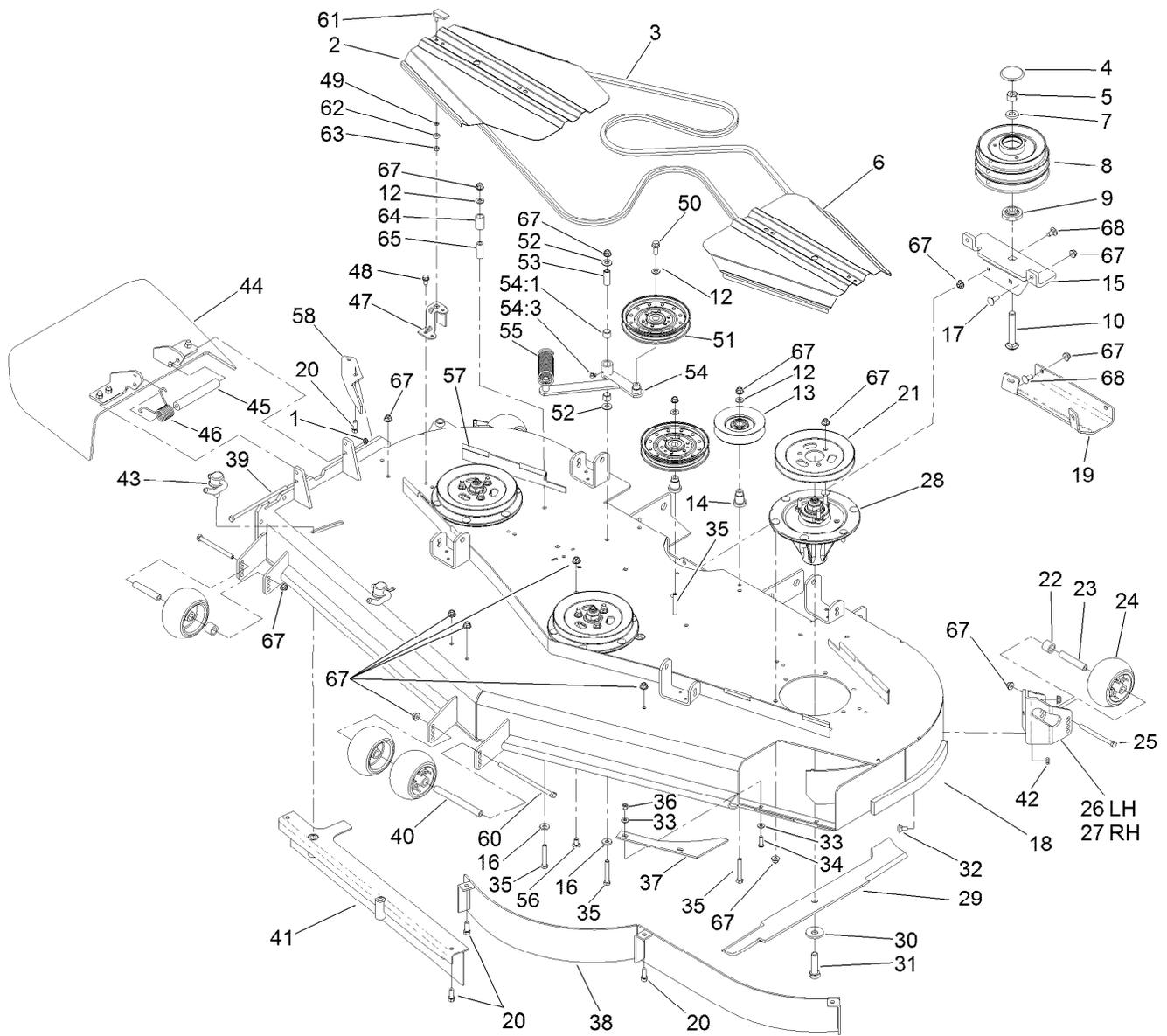


Deck Connection Assembly

Ref.	Part Number	Qty.	Description
1	3253-8	2	Washer-Lock
2	3217-11	2	Nut-Hex
3	32128-37	8	Nut-HF
6	327-28	2	Screw-HH
7	103-1356	2	Strut ASM
7:1	1-633029	1	Balljoint-Spherical
7:2	3219-6	1	Nut-Hex
7:4	109-1380	2	Fitting-Grease

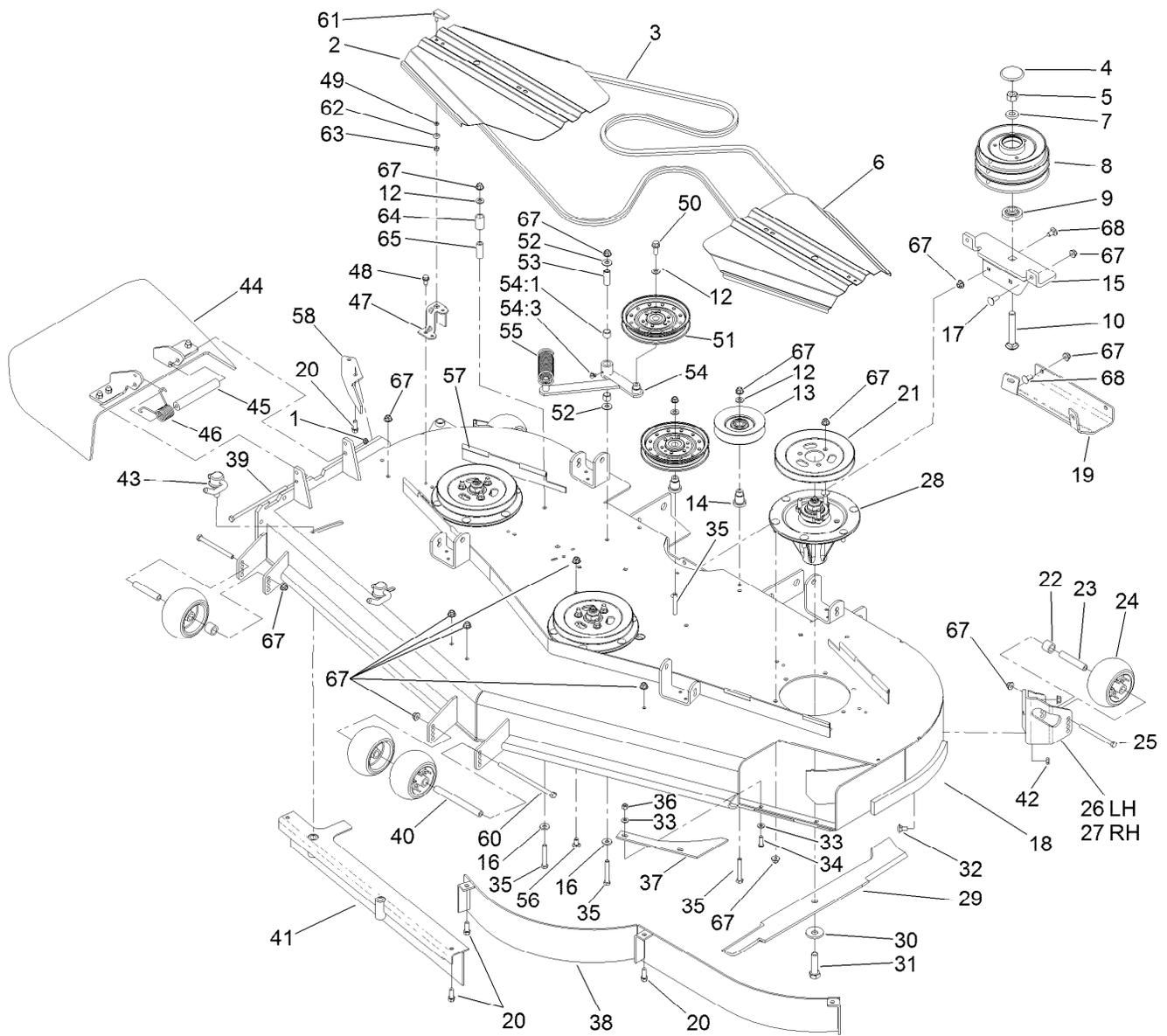
Ref.	Part Number	Qty.	Description
8	3296-29	2	Nut-Lock, NI
9	1-632199-01	2	Pin-Strut
10	322-3	2	Screw-HH
11		1	Deck ASM ●
12	103-9792	4	Deck Chain ASM
12:1	1-633447	1	Chain-Lift, Deck
12:2	103-1898	2	Screw-HH
12:3	32128-37	2	Nut-HF

● Not serviced separately



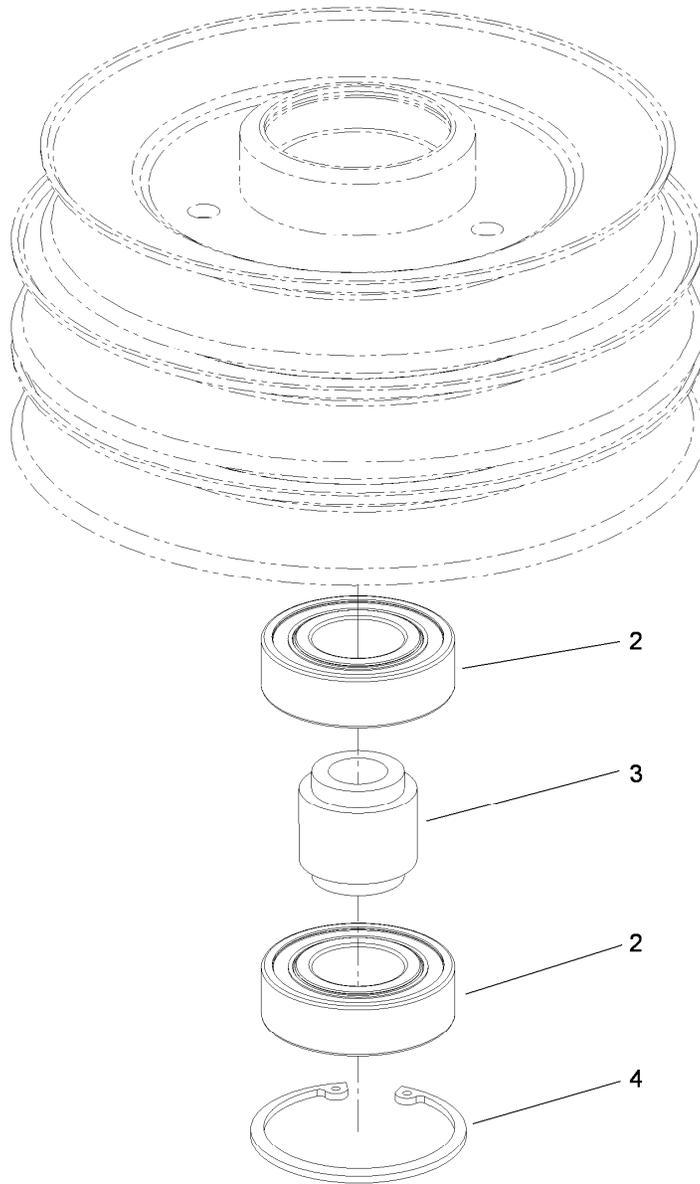
Deck Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3296-47	1	Nut-Lock, NI	23	98-7912	4	Tube-Spacer
2	112-8666-03	1	Cover-Belt, LH	24	1-603299	6	Roller-Scalp, Anti
3	107-7723	1	Belt-V	25	323-23	4	Screw-HH
4	112-8049	1	Cap-Plastic	26	106-7354-01	1	Mount-Wheel, LH
5	3217-11	1	Nut-Hex	27	106-7355-01	1	Mount-Wheel, RH
6	112-8667-03	1	Cover-Belt, RH	28	119-8500	3	Spindle ASM
7	105-0842	1	Spacer	29	105-7784-03	3	Blade-Hi Flow, 24.5 Inch
8	114-0210	1	Pulley And Bearing ASM	30	103-0865	3	Washer-Blade Bolt, Heavy
9	112-8048	1	Spacer-Flanged	31	51-4060	3	Screw-Blade
10	112-8046	1	Bolt-Carriage	32	3231-1	6	Screw-CARR
12	3256-24	4	Washer-Flat	33	1-303334	4	Washer-Spring
13	1-603805	1	Pulley-Idler	34	3274-104	2	Screw-HSBH
14	106-3214	2	Mount-Pulley	35	323-12	4	Screw-HH
15	110-5893-01	1	Mounting Bracket ASM	36	3296-29	2	Nut-Lock, NI
16	98-5975	2	Washer-Belleville	37	107-3138	1	Plate-Turbo
17	3231-2	2	Screw-CARR	38	105-7730-01	1	Baffle ASM
18	117-3859	1	Deck Decal ASM	39	322-50	1	Screw-HH
19	106-3279-01	1	Plate-Skid	40	98-5967	1	Spacer-Wheel
20	92-1624	6	Screw-HWH	41	105-7669-01	1	Baffle ASM
21	107-7678	3	Pulley	42	3296-59	6	Nut-Lock, NI
22	98-7913	4	Tube-Spacer	43	107-1664	2	Lever ASM



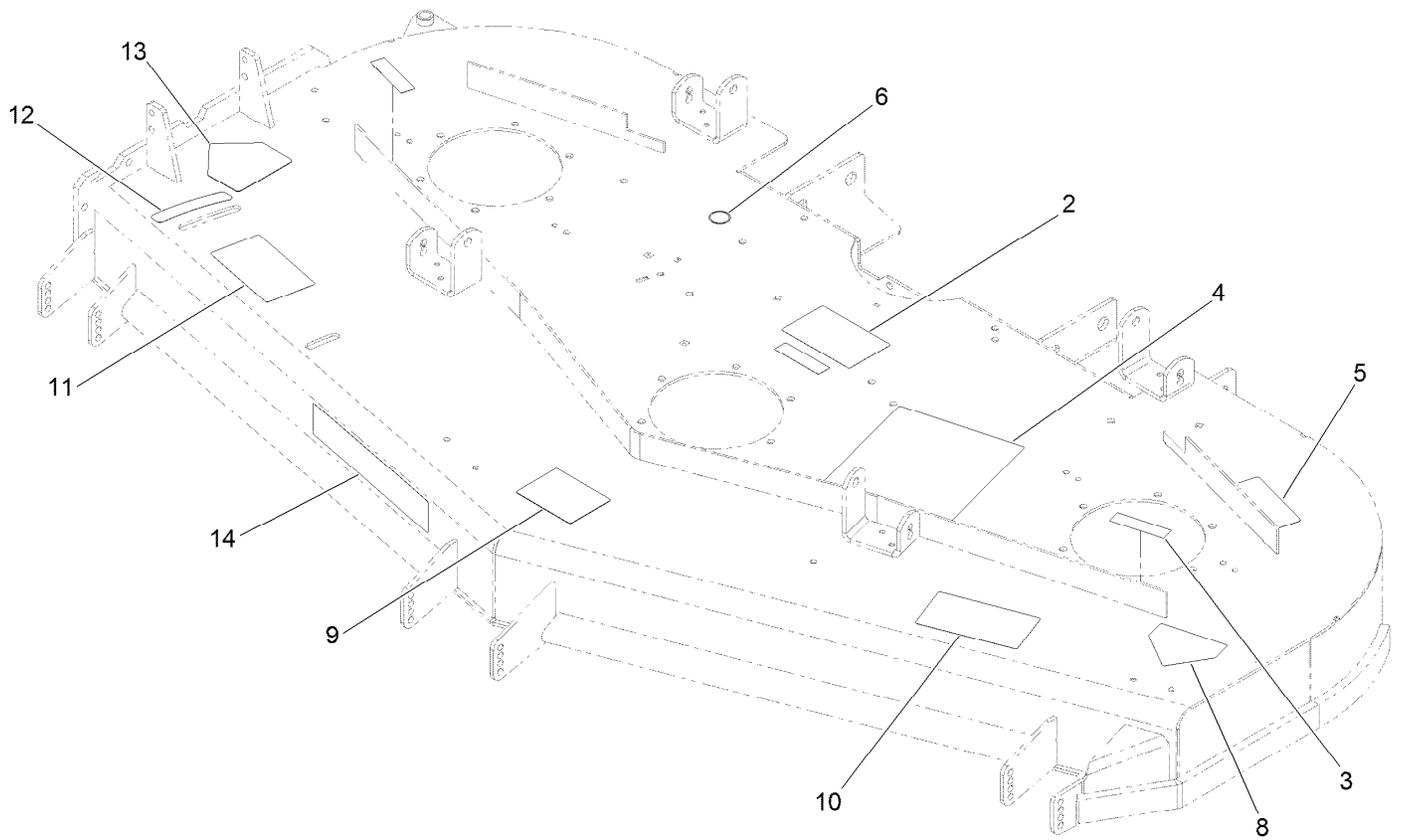
Deck Assembly (continued)

<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>
44	108-2792	1	Rubber Deflector ASM	55	105-6992	1	Spring-Extension
45	105-4622	1	Spacer	56	3231-21	1	Screw-CARR
46	108-4052	1	Spring-Torsion	57	105-7699	8	Strip-Seal
47	119-4220-01	4	Bracket-Cover	58	106-3216-01	1	Baffle-Discharge
48	32144-70	4	Screw-HWHTF	60	108-5388	1	Screw-HH
49	99-3058	4	Washer	61	106-6777	4	Handle-Latch, Swell
50	3234-11	1	Screw-HHF	62	106-6778	4	Bushing-Latch, Swell
51	116-4667	2	Idler-Pulley, Flat	63	1-804254	4	Nut-Lock, HH
52	3256-4	2	Washer-Flat	64	112-8051	1	Spacer-Rubber
53	1-603044	1	Bushing	65	80-7710	1	Spacer-Pivot, Idler
54	107-9868	1	Idler Arm ASM	67	104-8301	51	Nut-Flange, NI
54:1	103-4681	2	Sleeve-Bearing	68	3231-27	6	Screw-CARR
54:3	302-40	1	Fitting-Grease				



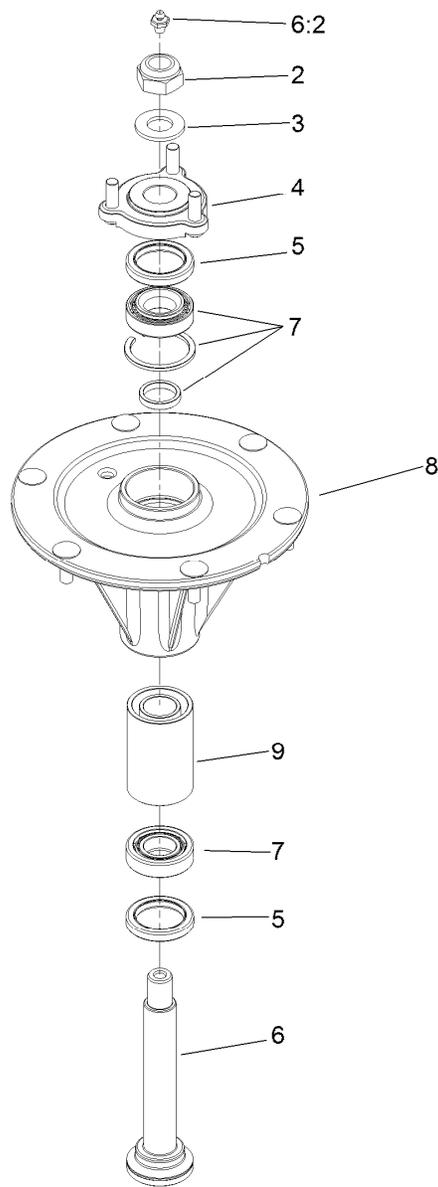
Pulley and Bearing Assembly No. 114-0210

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-0720	2	Bearing-Ball
3	112-8047	1	Spacer-Bearing
4	32120-8	1	Ring-Snap



Deck Decal Assembly No. 117-3859

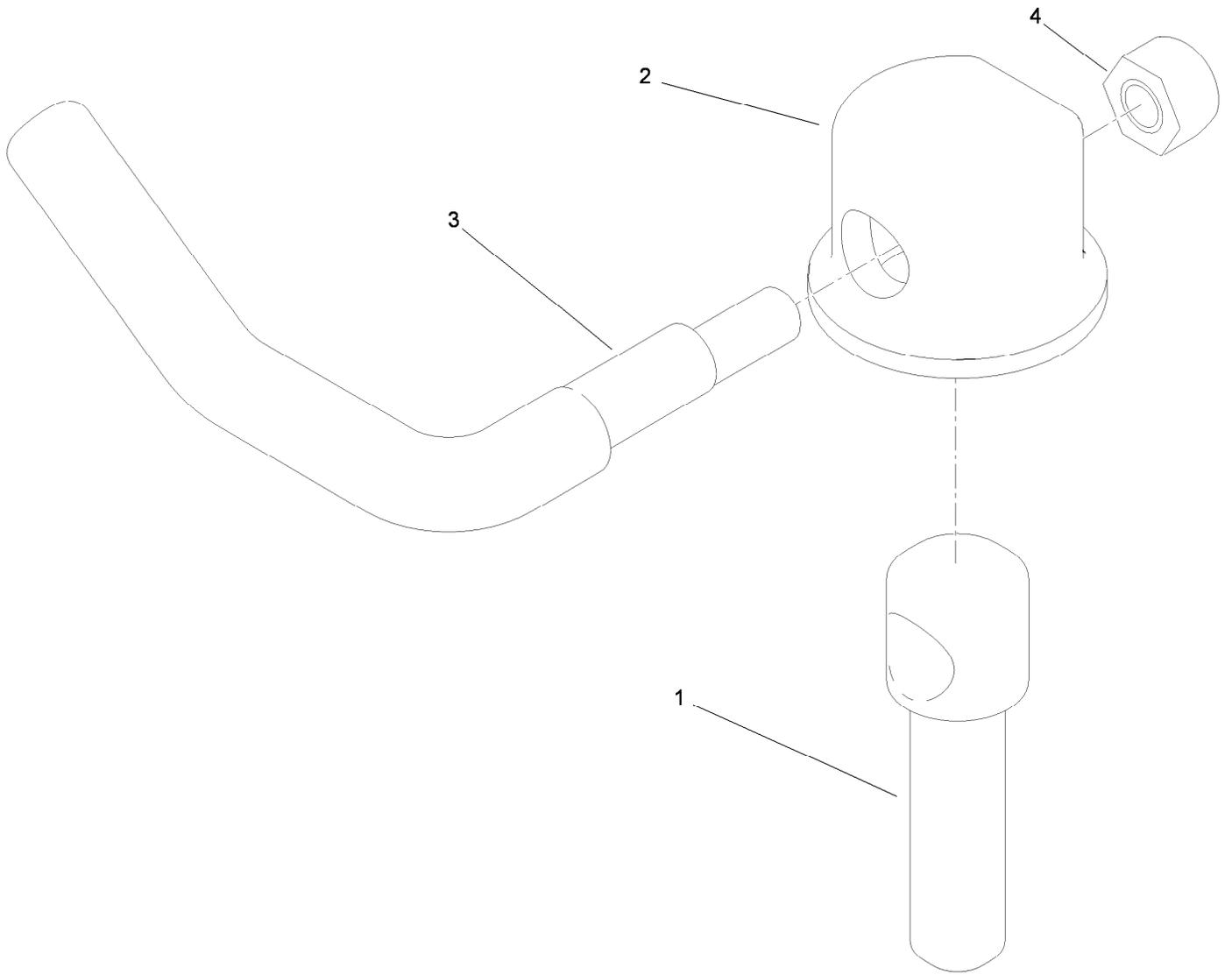
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	107-7673	1	Decal-Routing, Belt
3	98-5954	3	Decal-Cover, Missing
4	107-9863	1	Decal-Check, Service
5	68-8340	1	Decal-Torque
6	58-6520	1	Decal-Grease
8	1-403005	1	Decal-Danger
9	105-7798	1	Decal-Scalp, Anti
10	66-1340	1	Decal-Danger, Thrown Object
11	110-2068	1	Decal-Adjustment, Baffle
12	110-2067	1	Decal-Setting, Baffle
13	54-9220	1	Decal-Danger
14	107-1620	1	Decal



Spindle Assembly No. 119-8500

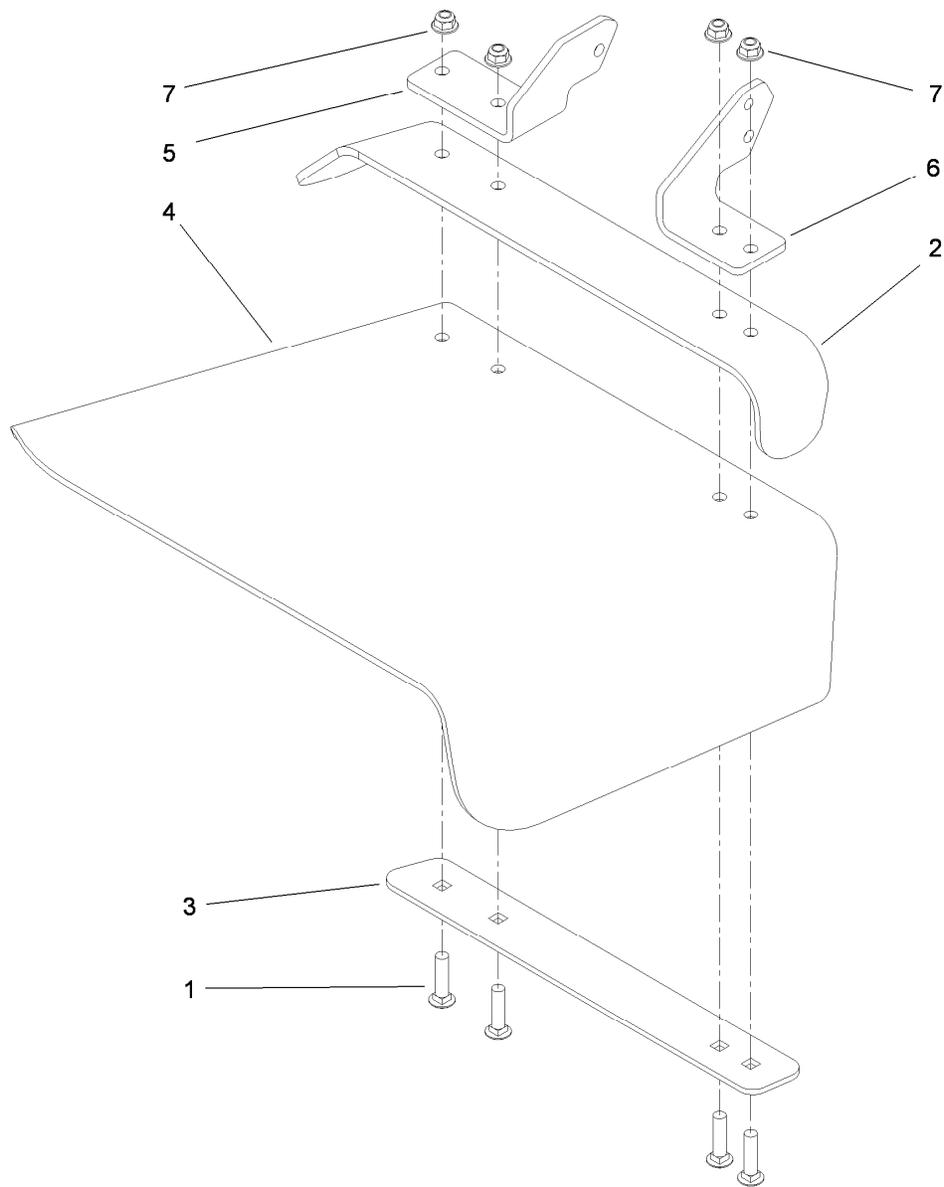
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	3296-67	1	Nut-Lock, NI
3	92-5836	1	Washer
4	117-6172	1	Spindle Hub ASM
5	253-133	2	Seal-Oil
6	119-8527	1	Spindle Shaft And Zerk ASM
6:2	302-2	1	Fitting-Grease
7	119-8531	1	Trb Set
8		1	Housing-Spindle ●
9	117-6185	1	Spacer Set

● Not serviced separately



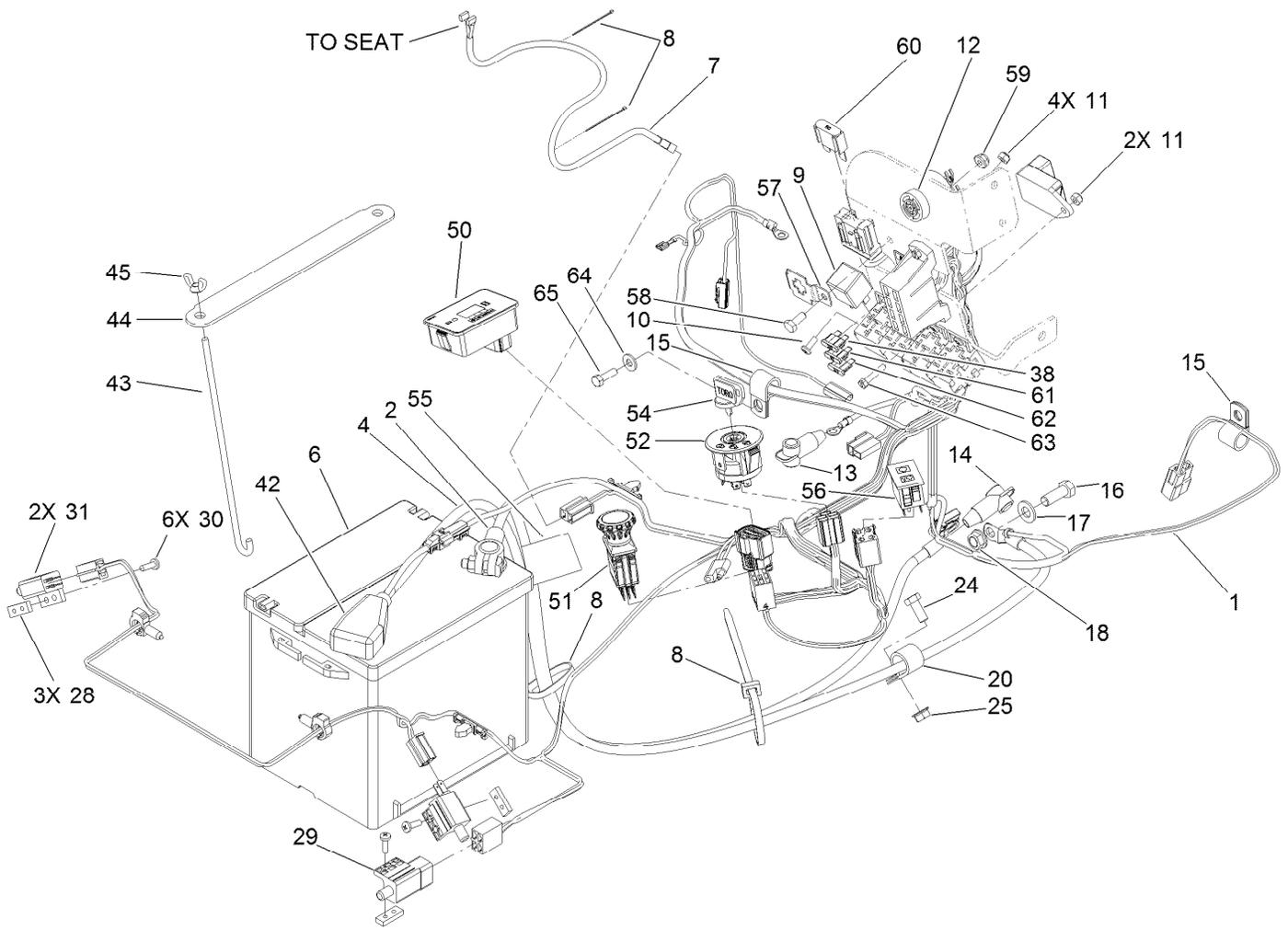
Lever Assembly No. 107-1664

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-3239	1	Screw-Lock
2	107-1644	1	Cap-Lock
3	106-3241	1	Lever-Lock
4	3296-29	1	Nut-Lock, NI



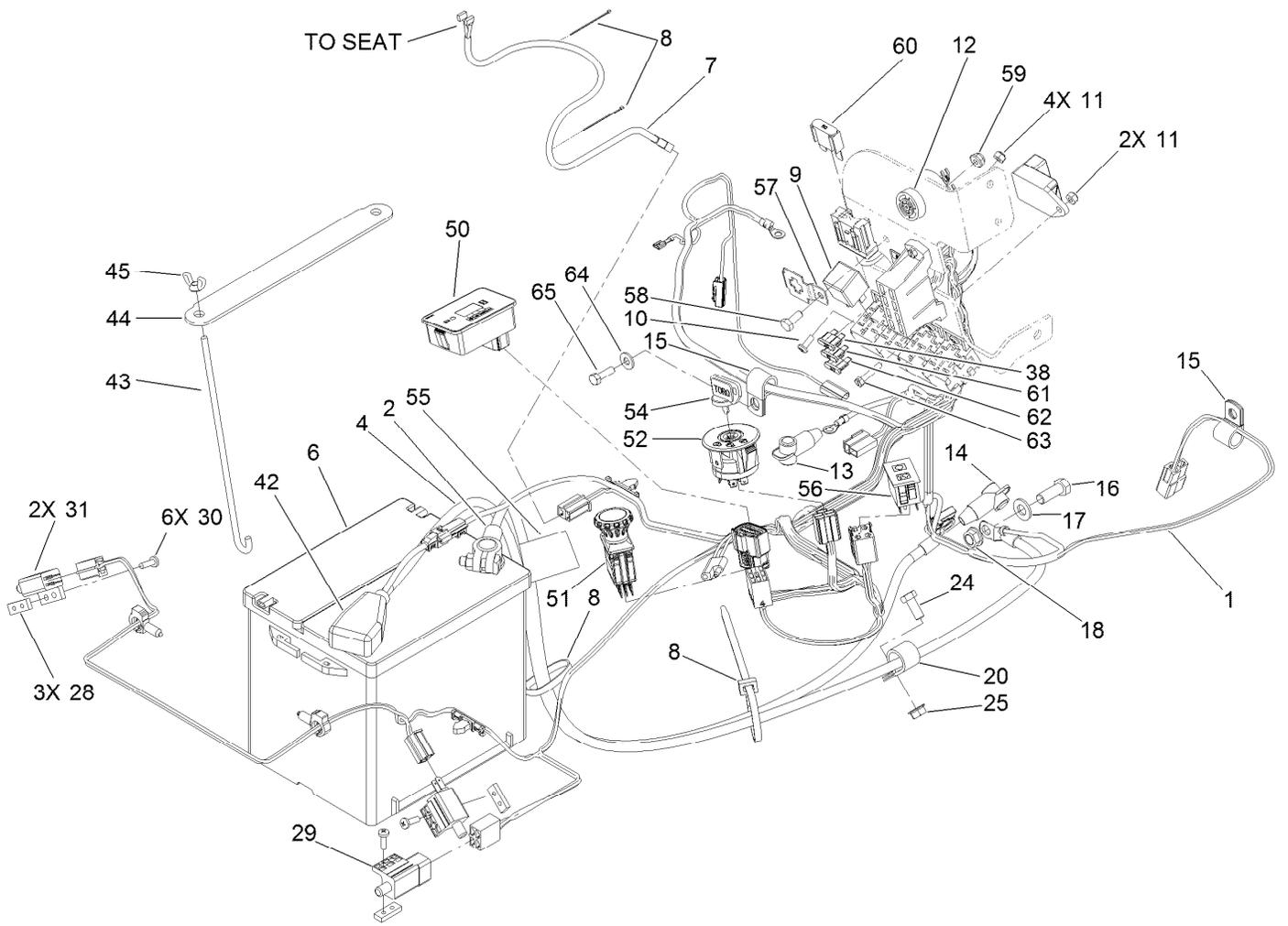
Rubber Deflector Assembly No. 108-2792

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	108-5029	1	Deflector-Rubber
5	108-4059-01	1	Plate-Hinge, Rear
6	106-3253-01	1	Plate-Hinge, Front
7	104-8301	4	Nut-Flange, NI



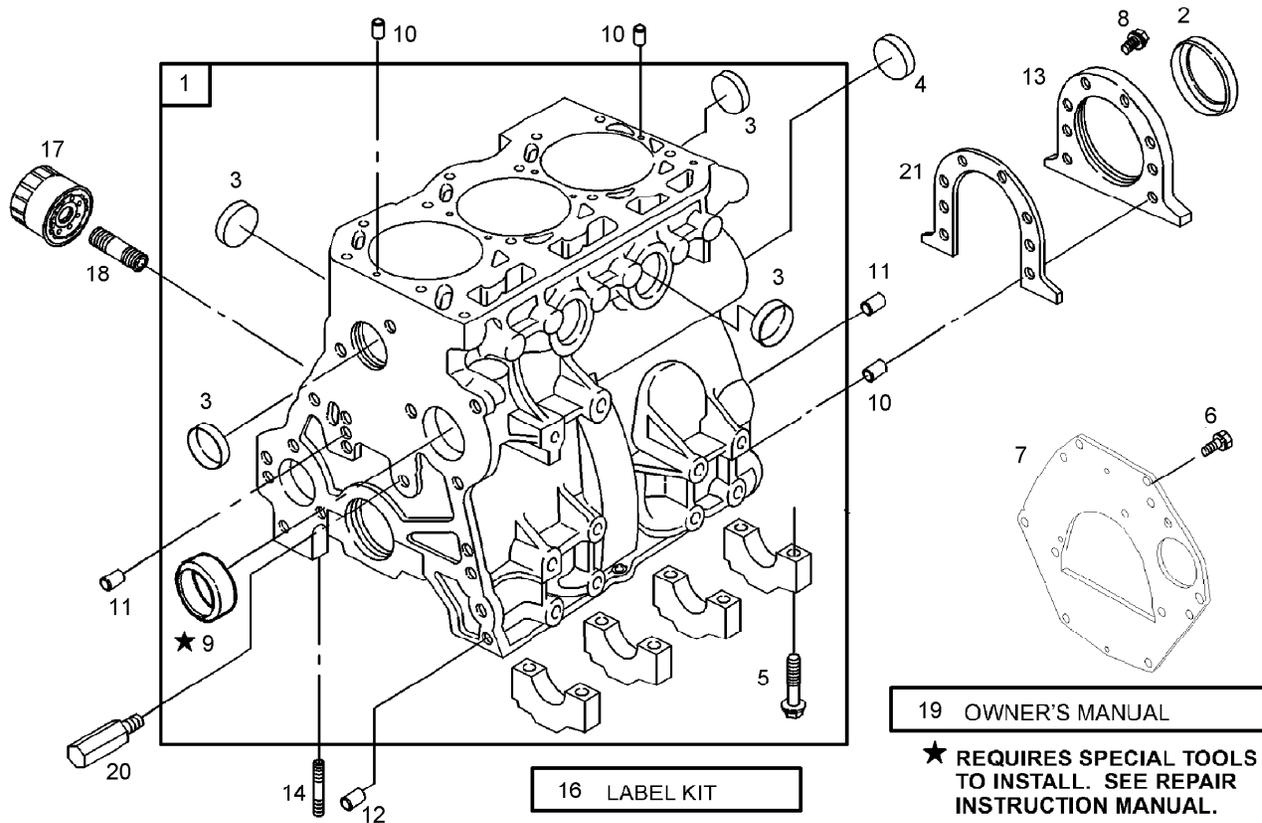
Electrical Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	117-3817	1	Harness-Electrical	30	3290-500	6	Screw-PPH
2	117-3851	1	Cable-Battery, Negative	31	1-513051	2	Switch-Open, Normally
4	103-1160	1	Cable-Starter	38	1-816001	1	Fuse-Blade Type, 20 Amp
6	106-5187	1	Battery	42	103-1340	1	Insulator-Terminal, Battery
7	103-1227	1	Harness-Wiring, Seat	43	103-1312	2	Bolt-Holddown
8	1-303335	4	Tie-Plastic	44	103-1311-03	1	Holddown-Battery
9	1-643275	4	Relay	45	1-543792	2	Wingnut
10	1-803071	4	Screw	50	117-3884	1	Module ASM
11	3296-2	6	Nut-Lock, NI	51	116-0124	1	Switch-PTO, 10A
12	103-0205	1	Alarm-Tone, Dual	52	117-2221	1	Switch-Ignition
13	1-643178	1	Cap-Insulator, Red	54	63-8360	2	Key-Ignition
14	103-1420	1	Insulator-Starter	55	107-9309	1	Decal-Instructions, Charging
15	1-603727	2	Clip-Loom	56	100-8071	1	Lamp-Warning
16	323-6	1	Screw-HH	57	114-5502	1	Clip-Fuse
17	3256-24	1	Washer-Flat	58	321-3	1	Screw-HH
18	3290-357	1	Nut-HHF, Whiz	59	104-7201	1	Nut-HF
20	1-633396	1	Clip-Loom	60	94-8002	1	Fuse-Blade, 50 Amp
24	322-3	1	Screw-HH	61	218-578	1	Fuse-Blade, 10 Amp
25	32128-20	1	Nut-HF	62	109103	1	Fuse-Blade, 30 Amp
28	1-633181	3	Plate-Tapped	63	32105-12	2	Screw
29	1-633111	1	Switch				



Electrical Assembly (continued)

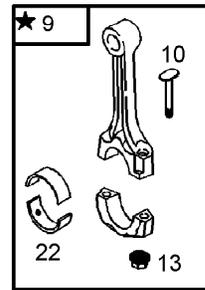
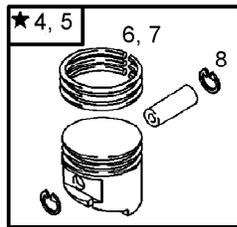
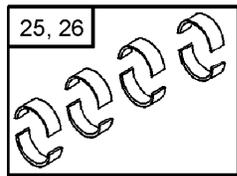
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
64	3256-22	1	Washer-Flat
65	33113-020	1	Screw-HH



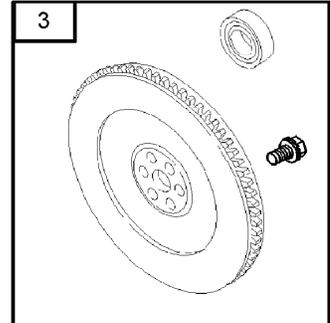
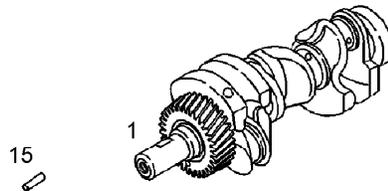
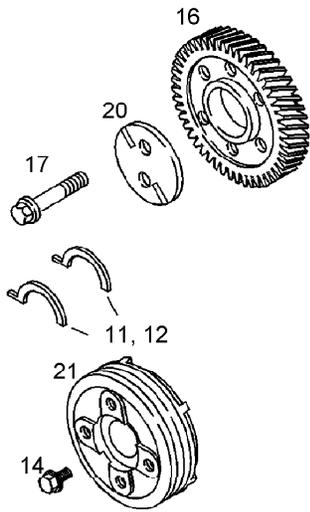
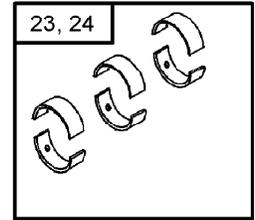
Assemblies include all parts shown in frames.

Cylinder Assembly

Ref.	Part Number	Qty.	Description
1	107-9891	1	Cylinder ASM
2	99-9003	1	Seal-Oil
3	99-9008	1	Plug-Welch
4	107-9892	1	Plug-Welch (Cam)
5	99-9006	1	Screw-Hex
6	99-9005	1	Screw-Hex
7	107-9893	1	Plate-End, Rear
8	99-9004	1	Screw-Hex
9	99-9002	1	Bushing
10	99-9012	1	Pin-Locating
11	99-9013	1	Pin-Locating
12	99-9014	1	Pin-Locating
13	99-9022	1	Retainer-Seal
14	99-9007	1	Stud-Metric
16	107-9894	1	Kit-Label
17	99-9017	1	Filter-Oil
18	105-9337	1	Adapter-Filter, Oil
19	103-1384	1	Manual-Engine
20	99-9020	1	Nozzle-Oil
21	99-9021	1	Gasket-Retainer



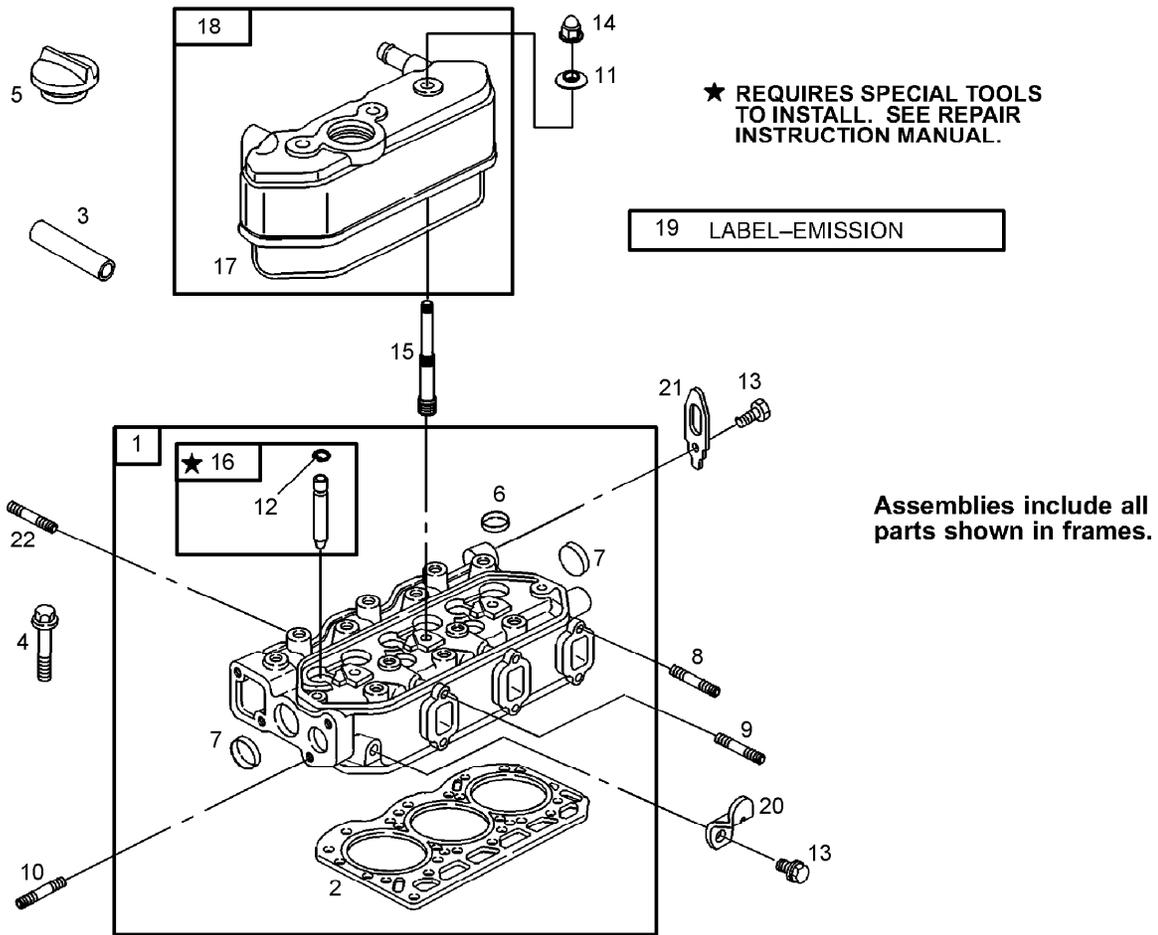
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.



Assemblies include all parts shown in frames.

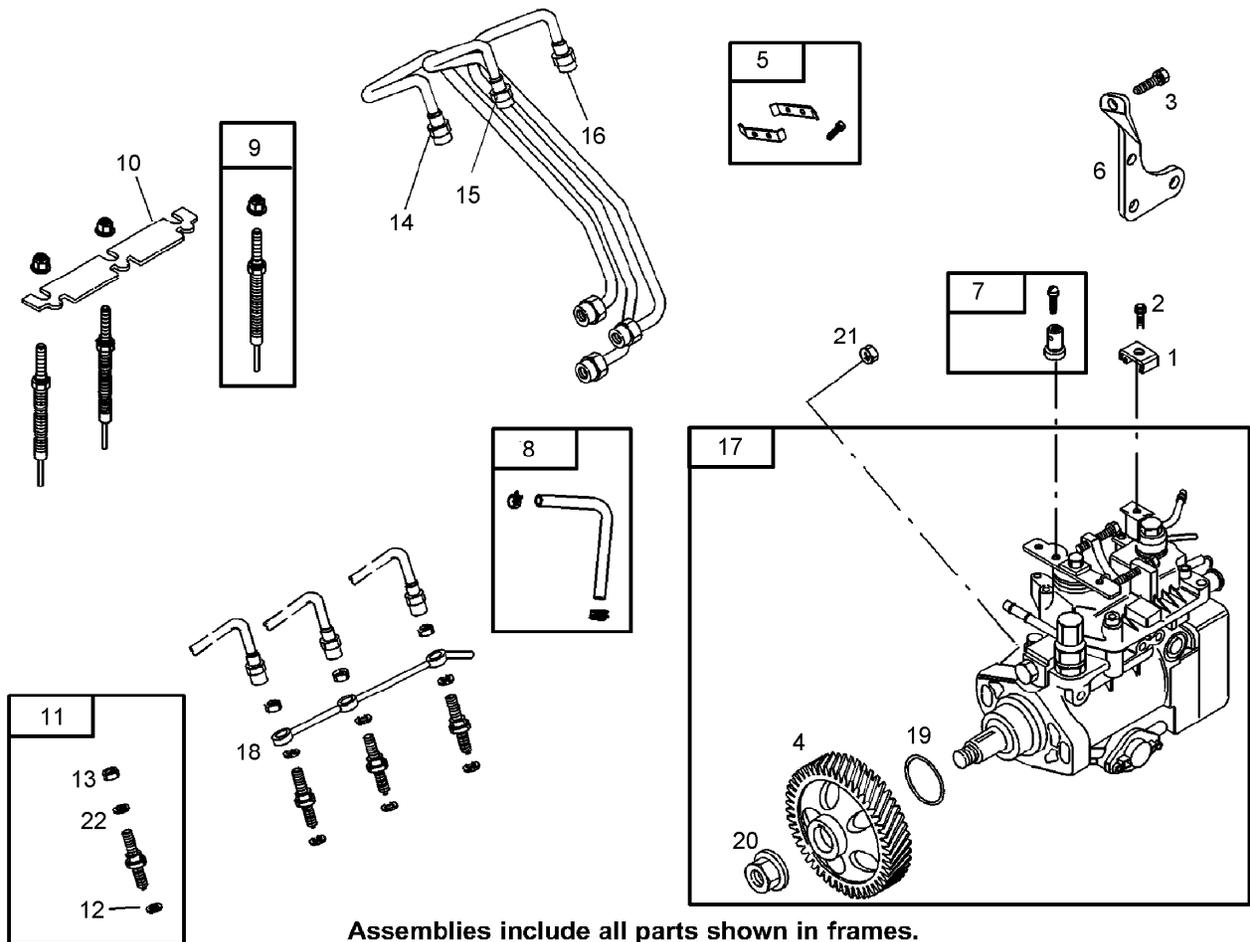
Crankshaft Assembly

Ref.	Part Number	Qty.	Description
1	105-9339	1	Crankshaft
3	99-9024	1	Flywheel
4	107-9895	1	Piston ASM
5	107-9896	1	Piston ASM (Oversize)
6	105-9340	1	Ring Set
7	99-9269	1	Ring Set (.010 Oversized)
8	99-9607	1	Lock-Pin, Piston
9	99-9608	1	Rod-Connecting
10	99-9030	1	Screw
11	99-9035	1	Shim-Endplay
12	99-9036	1	Shim-Endplay (.005 Oversized)
13	99-9034	1	Nut-Hex
14	107-9897	1	Screw-Hex
15	99-9037	1	Pin-Locating
16	99-9609	1	Gear-Drive
17	99-9032	1	Screw-Hex
20	99-9040	1	Plate-Gear, Idler
21	99-9041	1	Pulley-Crankshaft
22	99-9042	1	Bearing-Rod
23	99-9043	1	Rod Bearing Set
24	99-9044	1	Rod Bearing Set (.010 Undersized)
25	99-9045	1	Main Bearing Set (Set Of 8)
26	99-9046	1	Main Bearing Set (.010 Undersized)



Cylinder Head Assembly

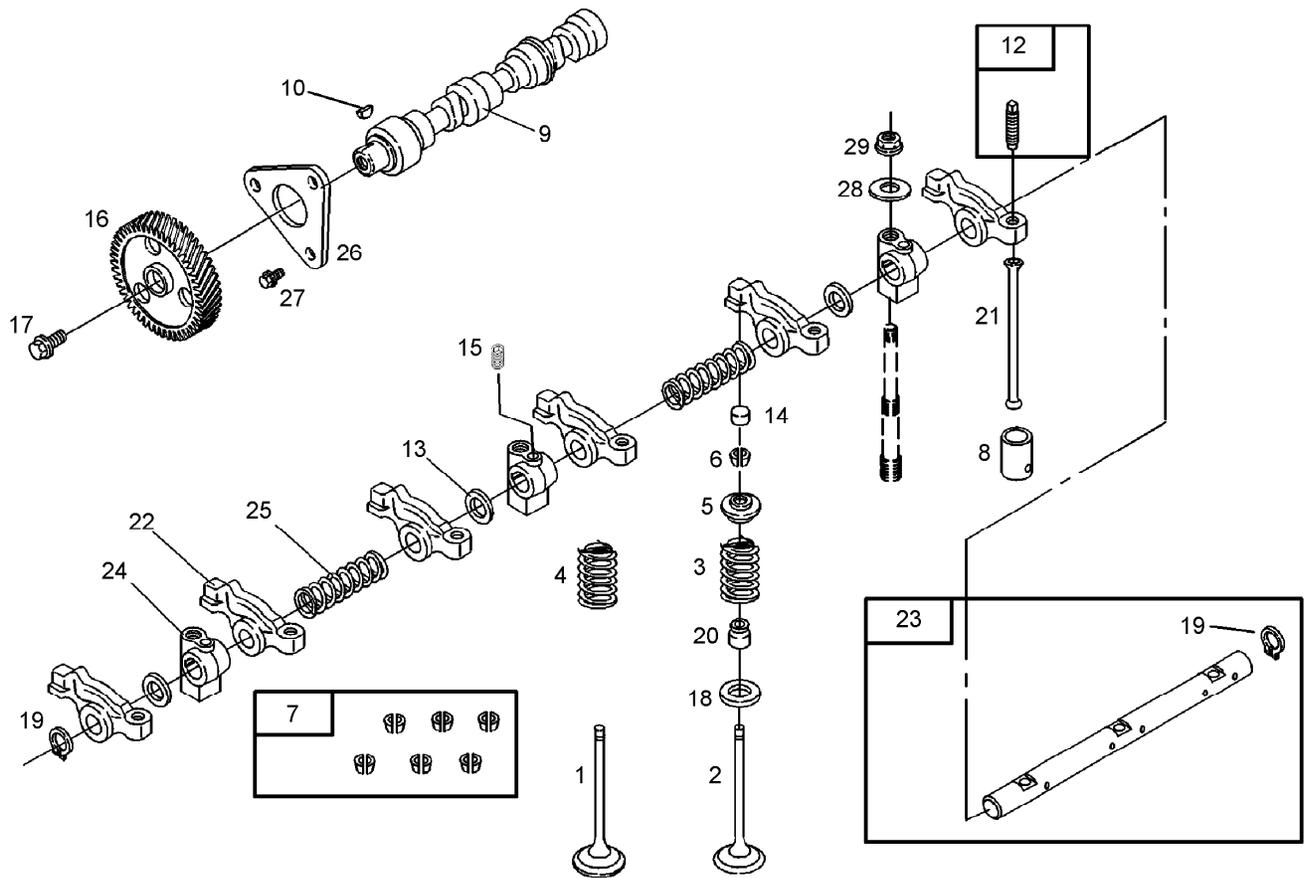
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-9341	1	Head-Cylinder
2	107-9898	1	Gasket-Head, Cylinder
3	105-9342	1	Tube-Breather
4	99-9614	1	Screw-Metric
5	99-9052	1	Cap-Fill, Oil
6	99-9060	1	Plug-Welch
7	99-9008	1	Plug-Welch
8	99-9058	1	Stud-Metric
9	99-9059	1	Stud-Metric
10	99-9057	1	Stud-Metric
11	99-9063	1	Washer-Seal
12	99-9067	1	Retainer
13	99-9054	1	Screw-Hex
14	99-9061	1	Nut-Hex, Metric
15	99-9101	1	Stud-Arm, Rocker
16	99-9070	1	Bushing-Guide
17	99-9073	1	Gasket-Cover, Rocker
18	100-6402	1	Cover-Rocker
19	107-9899	1	Emmision Label Kit
20	99-9076	1	Bracket-Lifting
21	99-9077	1	Bracket-Lifting
22	99-9055	1	Stud-Metric



Assemblies include all parts shown in frames.

Injection Pump Assembly

Ref.	Part Number	Qty.	Description
1	99-9622	1	Clamp-Casing
2	99-9056	1	Screw-Hex
3	99-9616	1	Screw-Hex
4	99-9689	1	Gear-Drive
5	99-9625	1	Clamp
6	99-9626	1	Bracket-Support
7	99-9628	1	Clamp-Swivel
8	99-9629	1	Hose / Clamp ASM
9	99-9630	1	Plug-Glow
10	99-9631	1	Strap-Plug, Glow
11	99-9632	1	Nozzle-Injector
12	99-9633	1	Seat-Injector
13	105-9345	1	Nut
14	99-9690	1	Pipe-Injector, No. 1
15	99-9634	1	Pipe-Injector, No. 2
16	99-9635	1	Pipe-Injector, No. 3
17	105-9334	1	Pump-Injection
18	99-9637	1	Pipe-Return, Fuel
19	99-9618	1	O-Ring
20	99-9620	1	Nut-Hex, Metric
21	99-9619	1	Nut-Hex, Metric
22	105-9343	1	Seat-Injector

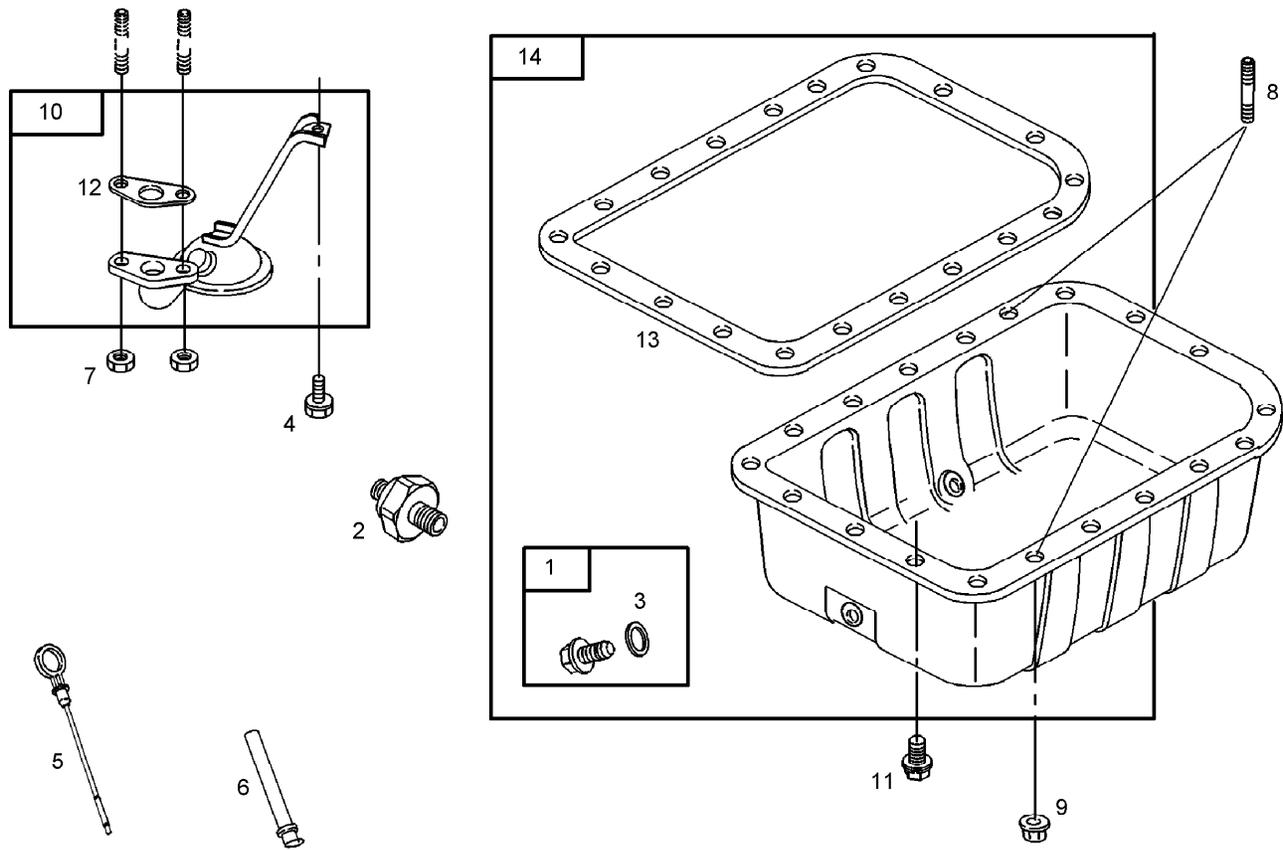


Assemblies include all parts shown in frames.

Camshaft Assembly

Ref.	Part Number	Qty.	Description
1	99-9638	1	Valve-Exhaust
2	99-9639	1	Valve-Intake
3	99-9640	1	Spring-Valve
4	99-9640	1	Spring-Valve
5	99-9084	1	Retainer-Valve
6	99-9086	1	Keeper-Valve (Set)
7	99-9087	1	*obs* Keeper-Valve (Set Of 6)
8	99-9088	1	Tappet-Valve
9	99-9097	1	Shaft-Cam
10	99-9675	1	Key-Timing
12	99-9092	1	Adjuster-Arm, Rocker
13	99-9093	1	Washer-Spacer
14	99-9094	1	Cap-Valve
15	99-9090	1	Screw-Metric

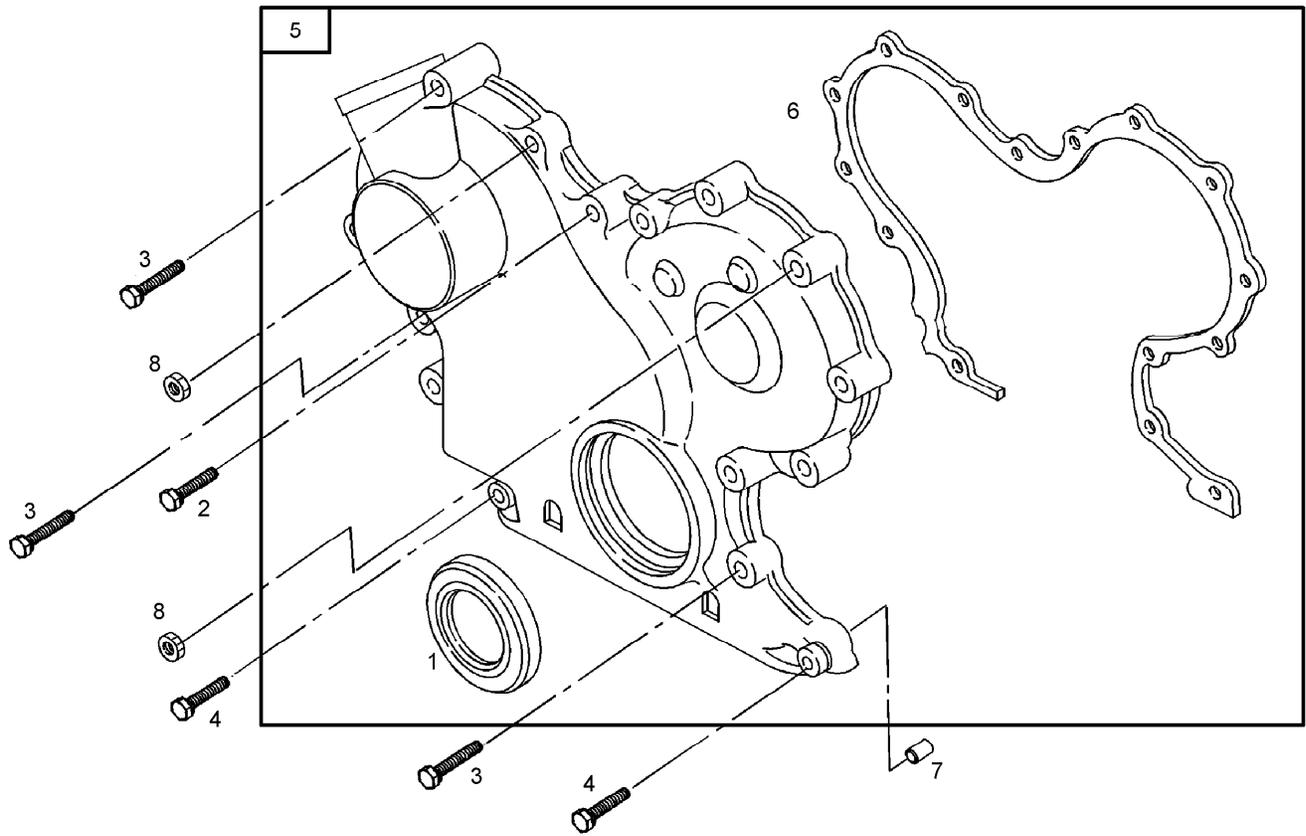
Ref.	Part Number	Qty.	Description
16	99-9641	1	Gear-Cam
17	99-9085	1	Screw-Metric
18	99-9096	1	Seat-Spring, Valve
19	99-9099	1	Retainer
20	99-9643	1	Seal-Valve
21	99-9103	1	Rod-Push
22	99-9104	1	Arm-Rocker
23	99-9106	1	Shaft-Arm, Rocker
24	99-9107	1	Support-Arm, Rocker
25	99-9108	1	Spring-Shaft, Rocker
26	99-9109	1	Retainer-Camshaft
27	99-9083	1	Screw-Hex
28	99-9079	1	Washer-Flat
29	99-9091	1	Nut-Hex, Metric



Assemblies include all parts shown in frames.

Oil Pan Assembly

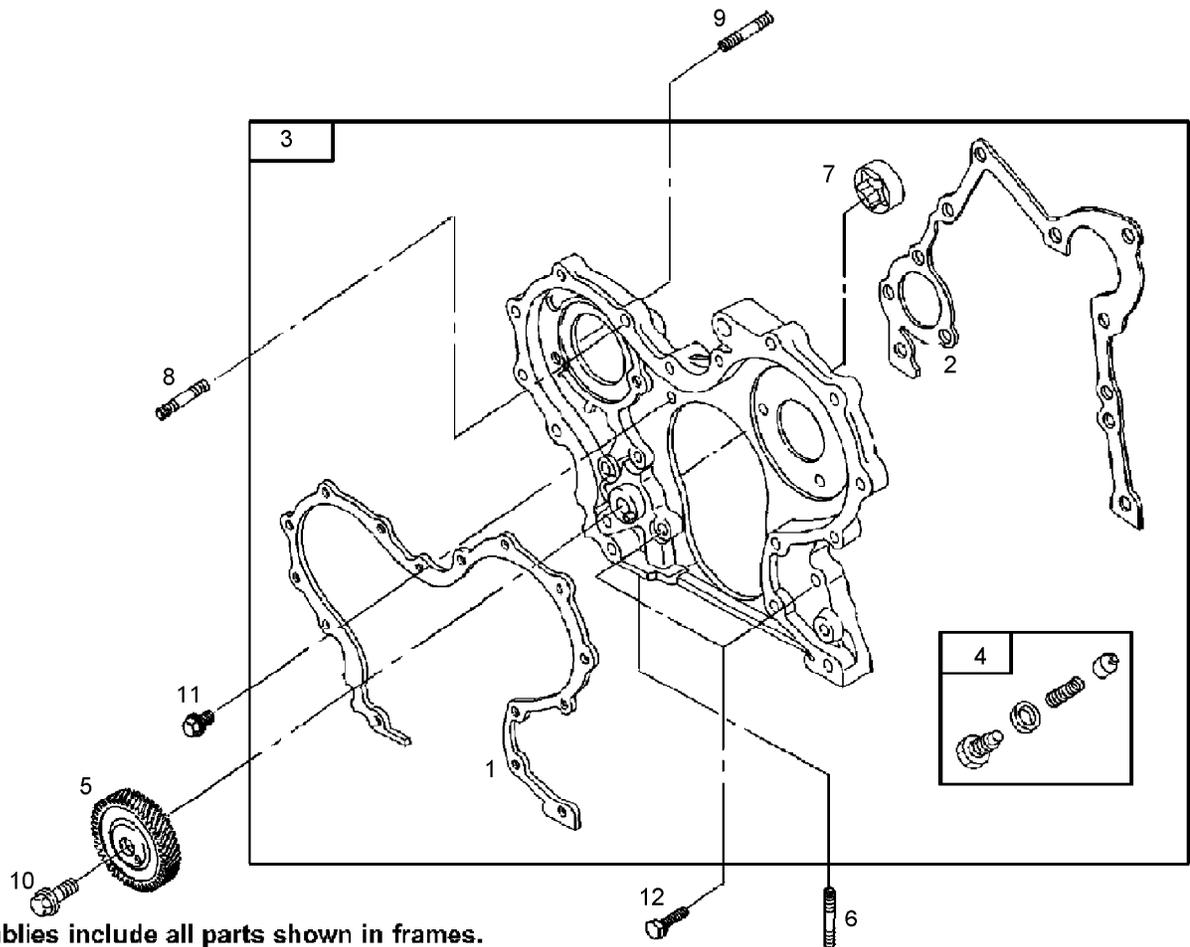
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-9247	1	Plug-Drain, Oil
2	107-9908	1	Switch-Pressure, Oil
3	99-9249	1	Washer-Seal
4	99-9111	1	Screw-Hex
5	110-2597	1	Dipstick
6	99-9118	1	Tube-Dipstick
7	99-9114	1	Nut-Hex, Metric
8	99-9112	1	Stud-Metric
9	99-9113	1	Nut-Hex, Metric
10	99-9116	1	Screen-Pump, Oil
11	99-9111	1	Screw-Hex
12	99-9120	1	Gasket-Strainer, Oil
13	99-9121	1	Gasket-Pan, Oil
14	99-9241	1	Pan-Oil



Assemblies include all parts shown in frames.

Gear Cover Assembly

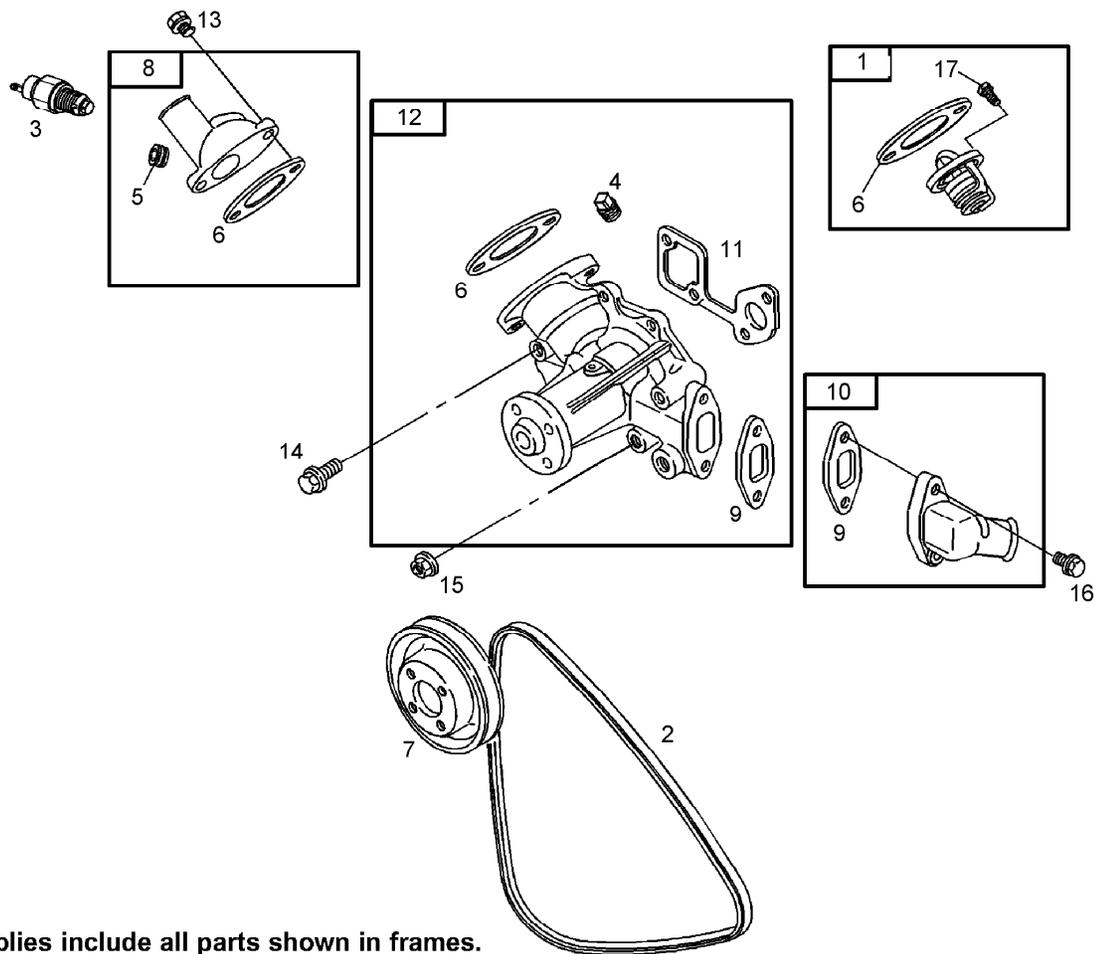
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-2318	1	Gasket Kit
2	99-9651	1	Screw-Hex
3	99-9128	1	Screw-Hex
4	99-9129	1	Screw-Hex
5	99-9652	1	Gear Cover ASM
6	99-9653	1	Gasket-Cover, Gear
7	99-9014	1	Pin-Locating
8	99-9114	1	Nut-Hex, Metric



Gear Housing Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-9653	1	Gasket-Cover, Gear
2	99-9136	1	Gasket-Cover, Gear Reduction
3	99-9655	1	Housing-Gear
4	99-9142	1	Valve-Relief, Oil
5	99-9656	1	Gear-Drive
6	99-9007	1	Stud-Metric
7		1	Gerotor ●
8	99-9137	1	Stud-Metric
9	99-9654	1	Stud-Metric
10	99-9135	1	Screw-Hex
11	99-9134	1	Screw-Hex
12	99-9133	1	Screw-Hex

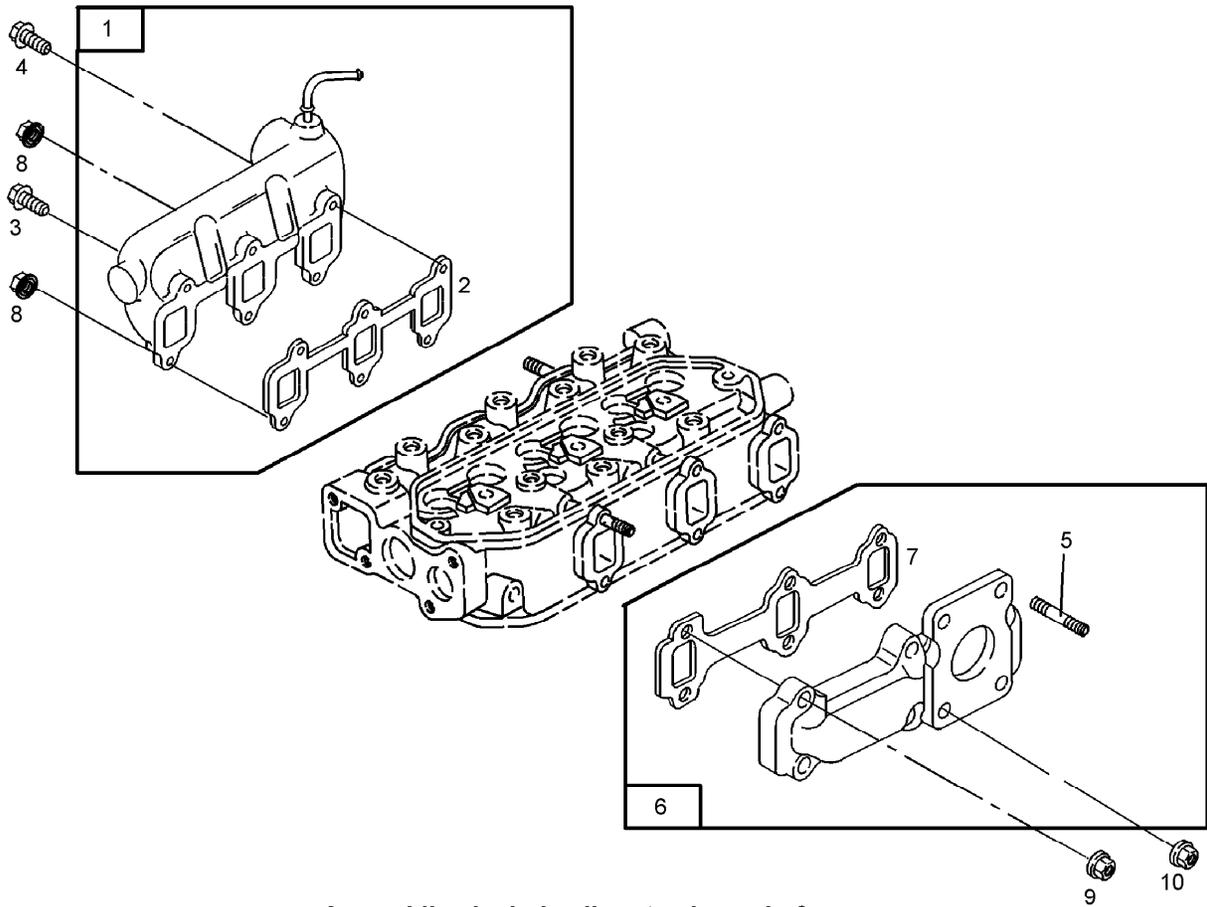
● Not serviced separately



Assemblies include all parts shown in frames.

Water Pump Assembly

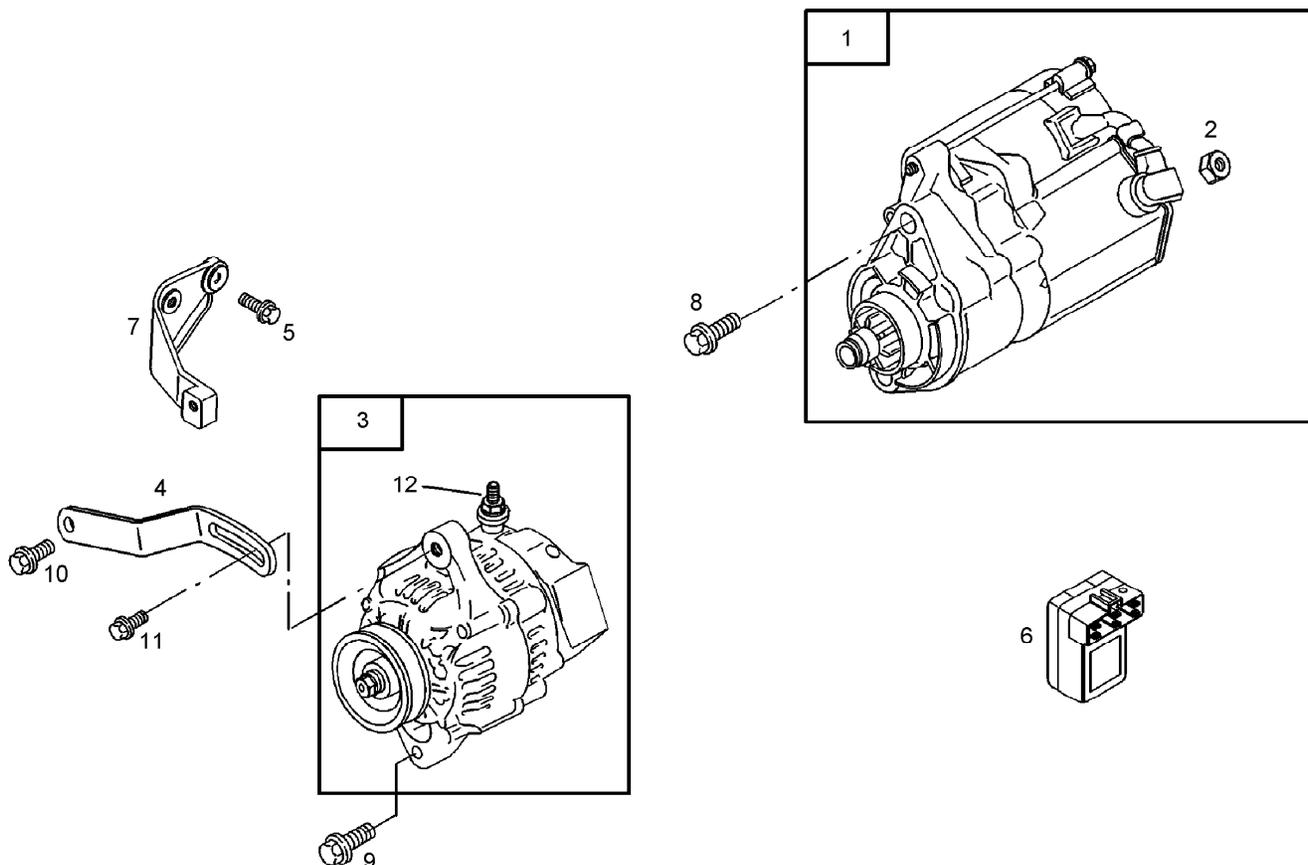
Ref.	Part Number	Qty.	Description
1	99-9155	1	Thermostat
2	99-9156	1	Belt-V
3	107-9902	1	Switch-Temperature, Water
4	99-9159	1	Plug
5	99-9158	1	Plug
6	99-9163	1	Gasket-Housing, Outlet
7	99-9164	1	Pulley-Pump
8	99-9165	1	Housing-Outlet
9	99-9166	1	Gasket-Housing, Inlet
10	99-9167	1	Housing-Inlet
11	99-9168	1	Gasket-Pump, Water
12	99-9659	1	Pump-Water
13	99-9004	1	Screw-Hex
14	99-9151	1	Screw-Hex
15	99-9153	1	Nut-Hex, Metric
16	99-9004	1	Screw-Hex
17	99-9152	1	Screw-Metric



Assemblies include all parts shown in frames.

Manifold Assembly

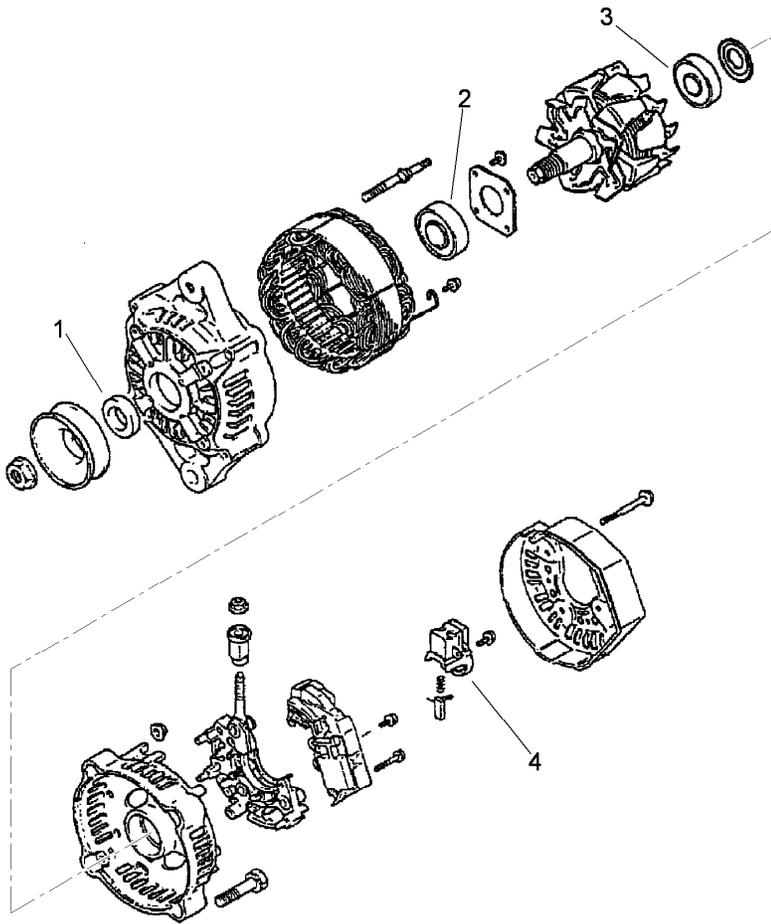
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-9661	1	Manifold-Intake
2	99-9662	1	Gasket-Intake
3	99-9004	1	Screw-Hex
4	99-9660	1	Screw-Hex
5	99-9174	1	Stud-Manifold, Exhaust
6	99-9177	1	Manifold-Exhaust
7	106-1855	1	Gasket-Exhaust
8	99-9114	1	Nut-Hex, Metric
9	99-9175	1	Nut-Hex, Metric
10	99-9176	1	Nut-Hex



Assemblies include all parts shown in frames.

Starter Motor and Alternator Assembly

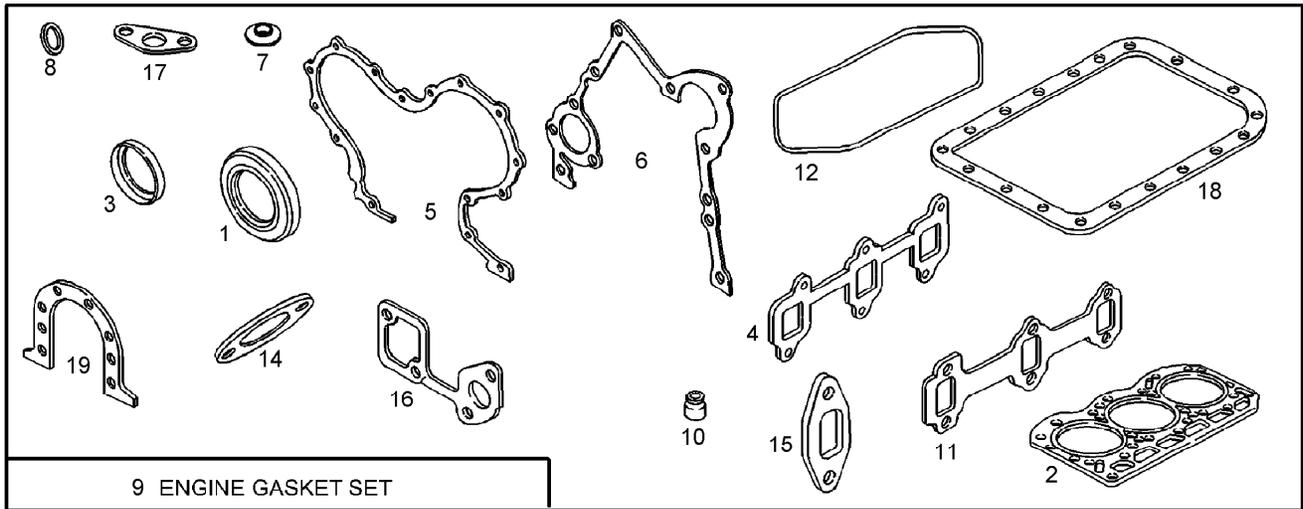
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-9207	1	Motor-Starter
2	99-9206	1	Nut-Hex, Metric
3	99-9209	1	Alternator
4	106-1952	1	Strap-Adjusting
5	99-9203	1	Screw-Hex
6	99-9666	1	Module
7	99-9211	1	Bracket-Support
8	99-9201	1	Screw-Hex
9	99-9205	1	Screw-Hex, Metric
10	99-9202	1	Screw-Hex
11	107-9903	1	Screw-Hex, Metric
12	99-9114	1	Nut-Hex, Metric



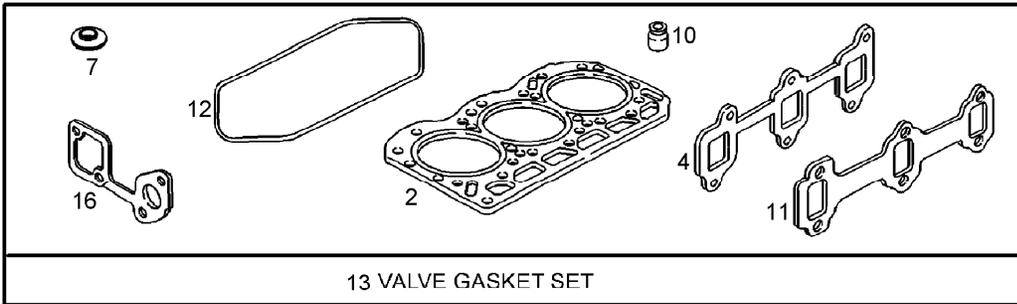
Parts not listed in parts list are not serviced separately

Alternator Assembly No. 99-9209

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-5315	1	Collar
2	100-5316	1	Bearing
3	100-5317	1	Bearing
4	100-5318	1	Brush Holder ASM



9 ENGINE GASKET SET



13 VALVE GASKET SET

Assemblies include all parts shown in frames.

Gasket Assembly

Ref.	Part Number	Qty.	Description
1	99-9003	1	Seal-Oil
2	107-9898	1	Gasket-Head, Cylinder
3	115-2318	1	Gasket Kit
4	99-9662	1	Gasket-Intake
5	99-9653	1	Gasket-Cover, Gear
6	99-9136	1	Gasket-Cover, Gear Reduction
7	99-9063	1	Washer-Seal
8	99-9249	1	Washer-Seal
9	107-9906	1	Gasket Set
10	99-9643	1	Seal-Valve
11	106-1855	1	Gasket-Exhaust
12	99-9073	1	Gasket-Cover, Rocker
13	107-9907	1	Valve Overhaul Kit
14	99-9163	1	Gasket-Housing, Outlet
15	99-9166	1	Gasket-Housing, Inlet
16	99-9168	1	Gasket-Pump, Water
17	99-9120	1	Gasket-Strainer, Oil
18	99-9121	1	Gasket-Pan, Oil
19	99-9021	1	Gasket-Retainer

Attachments and Accessories

For 74269 Z Master With 72in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Recycler Kit	107-1612
Bimini Folding Shade Assembly	115-4510
Light Kit.....	107-9880
Operator Fan Kit - US Sales Only, 2in ROPS Post	110-1996
Chute Gate Kit	78522
Striping Kit	107-1630
Turbo Baffle Kit	107-1634
Roller Striping Kit.....	108-2162
Hitch Kit	110-0444
Deck Triple Bag Assembly	78535
Hypr-Oil 500 (quart).....	114-4713
Hypr-Oil 500 (gallon).....	114-4714
Hypr-Oil 500-5 (5 gallon).....	114-4715
Blower and Drive Kit	78539
DFS E-Z Vac Bagger	78545
Spark Arrester Kit	105-1673
Blade-Hi Flow, 24.5in.....	105-7784-03
Blade-Mid Flow, 24.5in	105-7711-03
Blade-Lo Flow, 24.5in	105-7712-03
Blade-Atomic, 24.5in	105-7719-03
Blade-Recycler, 24.5in	105-7778-03
6 Pack Blade, 24.5in Hi-Flow	108-1120
6 Pack-Blade, 24.5in Mid-Flow	110-0404
6 Pack-Blade, 24.5in Lo-Flow	110-0410
6 Pack Blade, 24.5in Atomic	108-1126
6 Pack-Blade, 24.5in Recycler.....	110-0411
Filter Minder Gauge	99-4664

Notes:



Count on it.