



Z580-D Z Master[®] **With 60in TURBO FORCE[®] Side Discharge Mower**

Model No. 74267CP - 290000001 and up.

Parts Catalog

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 illustrations and in part lists.

Reference Numbers Indicating Quantity

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

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

Contents

Description	Page	Description	Page
Front Frame Assembly	 4	Rubber Deflector Assembly No. 108-2792	 31
Fork, Caster Wheel and Z Stand Assembly	 6	Electrical Assembly	 32
Traction Frame and Floor Pan Assembly	 7	Crankcase Assembly	 33
Seat and Roll-Over Protection System Assembly	 8	Oil Pan Assembly	 34
Deluxe Seat Assembly No. 110-0838	 9	Cylinder Head Assembly	 35
Roll-Over Protection System Assembly No. 110-0877	 10	Gear Case and Oil Filter Cartridge Assembly	 36
Main Frame and Rear Wheel Assembly	 11	Cylinder Head Cover Assembly	 37
Hydro Control Assembly	 12	Dipstick, Guide and Oil Pump Assembly	 38
Engine, Exhaust and Air Intake Assembly	 13	Main Bearing Case Assembly	 39
Air Cleaner Assembly No. 93-2190	 14	Cam Shaft and Idle Gear Assembly	 40
Hydro and Gearbox Assembly	 15	Piston and Crankshaft Assembly	 41
Gearbox Assembly No. 107-9887	 16	Flywheel and Fuel Camshaft Assembly	 42
Hydraulic Tank, Motor and Pump Assembly	 17	Idle Apparatus and Stop Solenoid Assembly	 43
Tandem Pump Assembly No. 107-9885	 19	Injection Pump and Governor Assembly	 44
Fuel System and Throttle Control Assembly	 20	Speed Control Plate Assembly	 45
Fuel Line Assembly	 21	Nozzle Holder Assembly	 46
Engine Housing Assembly	 22	Nozzle Holder and Glow Plug Assembly	 48
Cooling System Assembly	 23	Alternator, Pulley and Fuel Pump Cover Assembly	 49
Hood Assembly	 24	Alternator Components Assembly	 50
Deck Connection Assembly	 25	Starter Assembly	 51
Deck Assembly	 26	Starter Assembly	 52
Deck Decal Assembly No. 114-4478	 28	Water Flange and Thermostat Assembly	 53
Spindle Assembly No. 112-8698	 29	Valve and Rocker Arm Assembly	 54
Lever Assembly No. 107-1664	 30	Inlet and Exhaust Manifold Assembly	 55
		Upper and Lower Gasket Kits	 56
		Attachments and Accessories List	 57

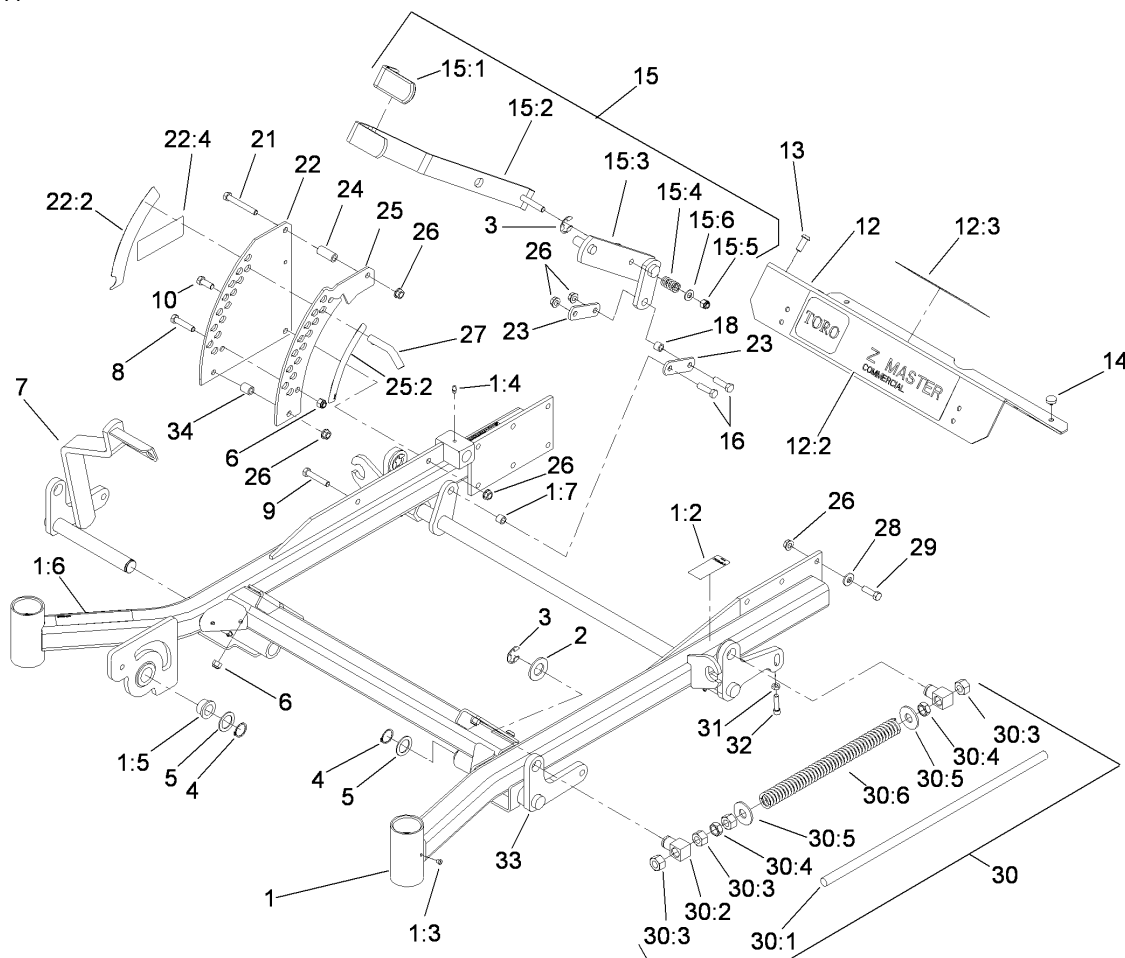
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR.	as required	HYD.	hydraulic
ASM.	assembly	LH.	left hand
BBC.	blade brake clutch	NI.	nylon insert
CARR.	carriage	NPTF.	national pipe thread fine
DEG.	degrees	PFH.	phillips flat head
EXT.	external	PPH.	phillips pan head
FH.	flat head	PPHTF.	phillips pan head thread forming
GA.	gauge	PRH.	phillips round head
HD.	heavy-duty	PTH.	phillips truss head
HF.	hex flange	PTO.	power-take-off
HH.	hex head	RH.	right hand
HHF.	hex head flange	ROPS.	roll-over protection system
HHFTF.	hex head flange thread forming	SFH.	slotted fillister head
HJ.	hex jam	SHH.	slotted hex head
HLH.	hex lag head	SHWH.	slotted hex washer head
HOC.	height-of-cut	SPH.	slotted pan head
HSBH.	hex socket button head	SQH.	square head
HSFH.	hex socket flat head	SRH.	slotted round head
HSH.	hex socket head	STD.	standard
HWH.	hex washer head	TAP.	self tapping
HWHTF.	hex washer head thread forming	TTH.	torx truss head

Footnotes

- ❶** Not illustrated
- ❷** Not serviced separately



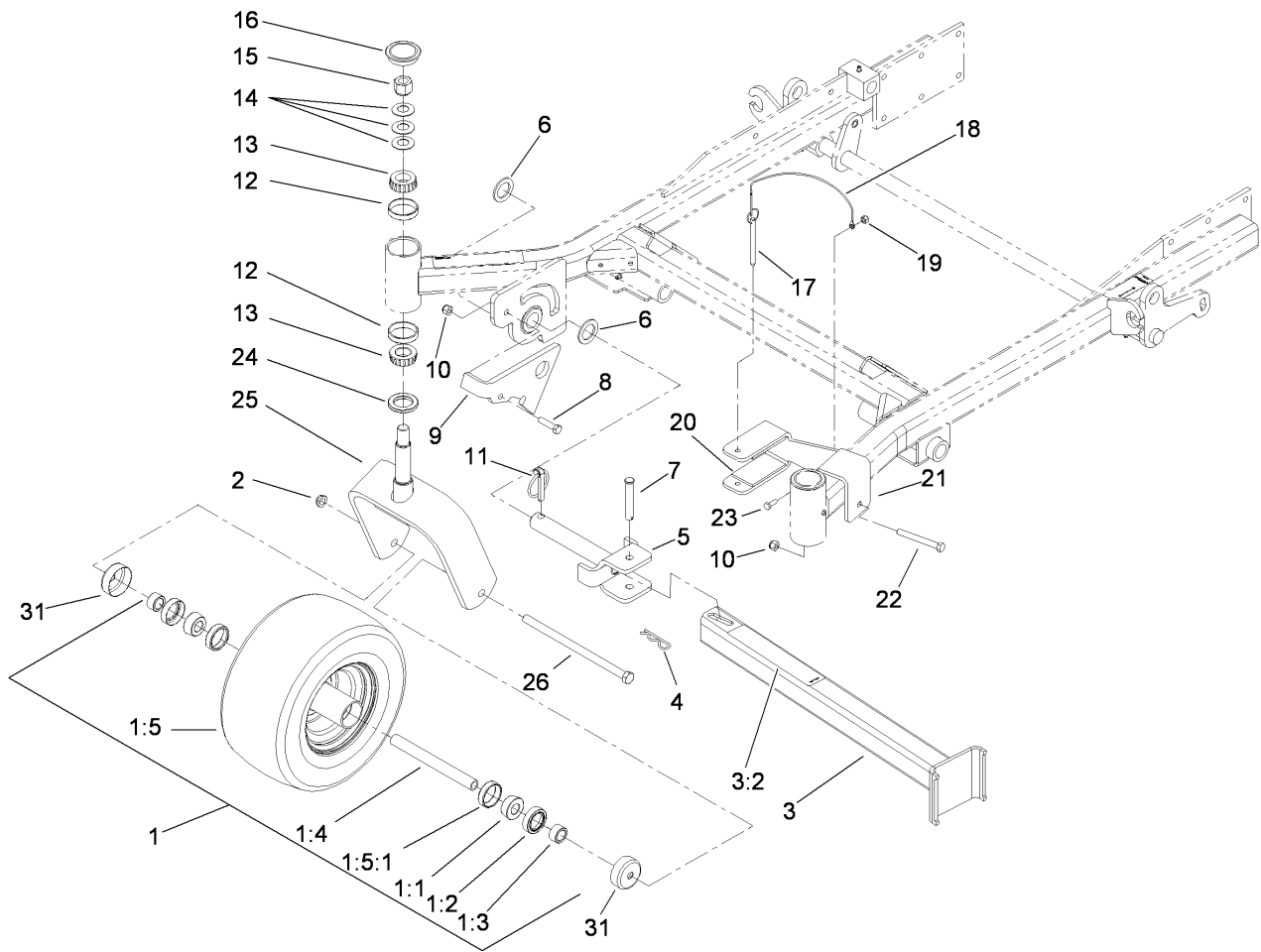
Front Frame Assembly

Ref	Part No.	Qty.	Description
1	106-8998	1	Frame ASM
1:2	107-1857	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	104-7759	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	RH Front Deck Lift ASM
8	323-9	1	Screw-HH
9	323-10	1	Screw-HH
10	323-6	1	Screw-HH
12	106-9981	1	Footrest
12:2	106-7451	1	Decal
12:3	107-2112	1	Decal-Warning
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	1	Lever-Lift

Ref	Part No.	Qty.	Description
15:3	103-2064	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	117-0366	1	Plate-HOC, Outer
22:2	107-1860	1	Decal-Height, Deck
22:4	117-2718	1	Decal-Arrester, Spark
23	1-633068	2	Arm-Lift, Deck
24	1-633082	1	Bushing-Lever, Lift
25	117-0369	1	Plate-HOC, Inner
25:2	107-1861	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	1-634439	2	Front Frame Spring ASM
30:1	1-633096	1	Rod-Lift, Deck
30:2	1-633441	2	Swivel-Deck Mount, Rear
30:3	3217-11	4	Nut-Hex
30:4	3218-6	2	Nut-Jam
30:5	3256-7	2	Washer-Flat



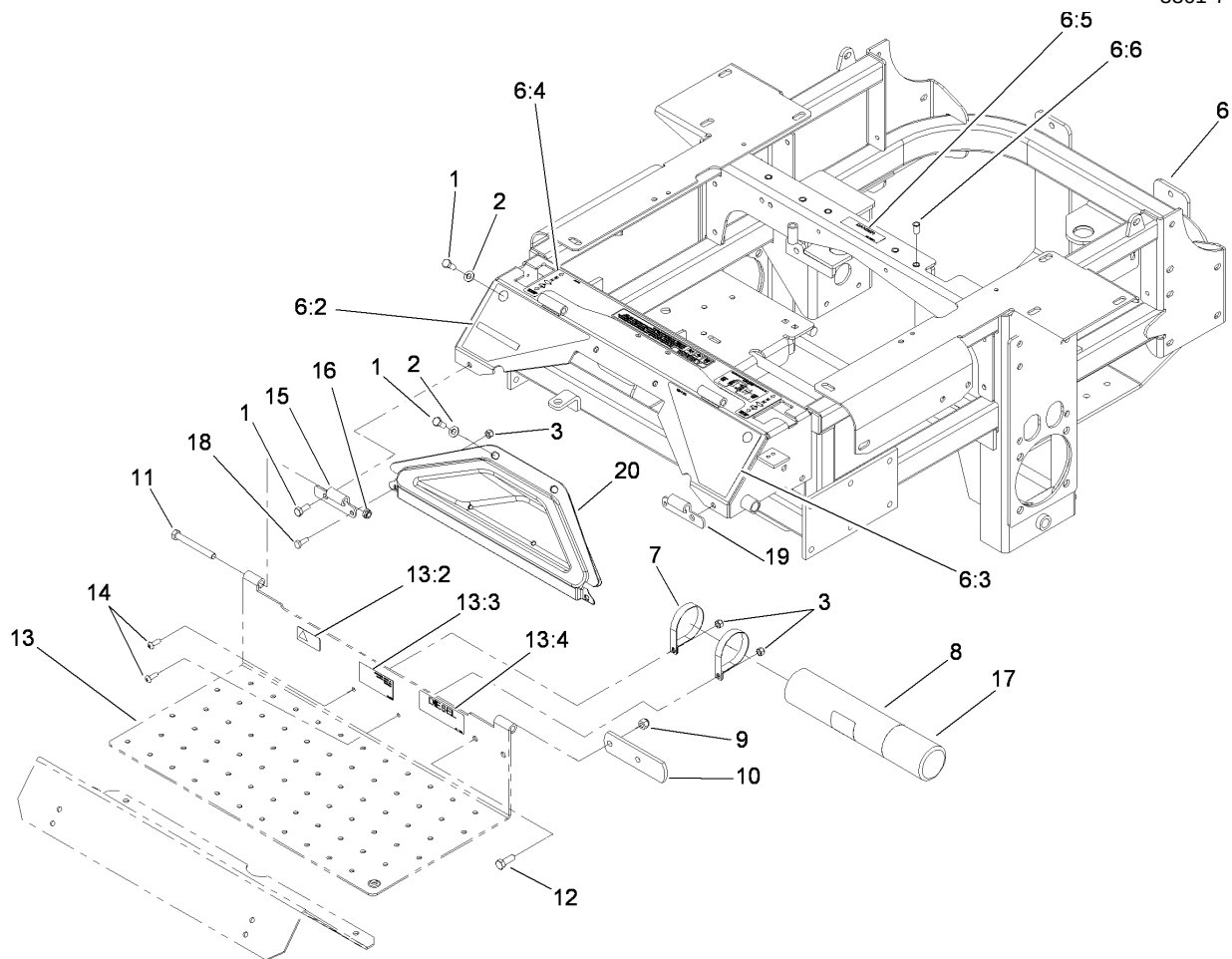
Ref	Part No.	Qty.	Description
30:6	1-633064	1	Spring-Support, Deck
31	3218-2	2	Nut-Jam
32	3274-18	2	Screw-HSH
33	106-8984-01	1	LH Deck Lift ASM
34	1-633080	1	Bushing-Lever, Lift



Fork, Caster Wheel and Z Stand Assembly

Ref	Part No.	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	109-9124	1	Wheel And Tire ASM
1:5:1	1-633584	1	Bearing-Cup
2	3296-45	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	Pivot Pin ASM
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	2	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

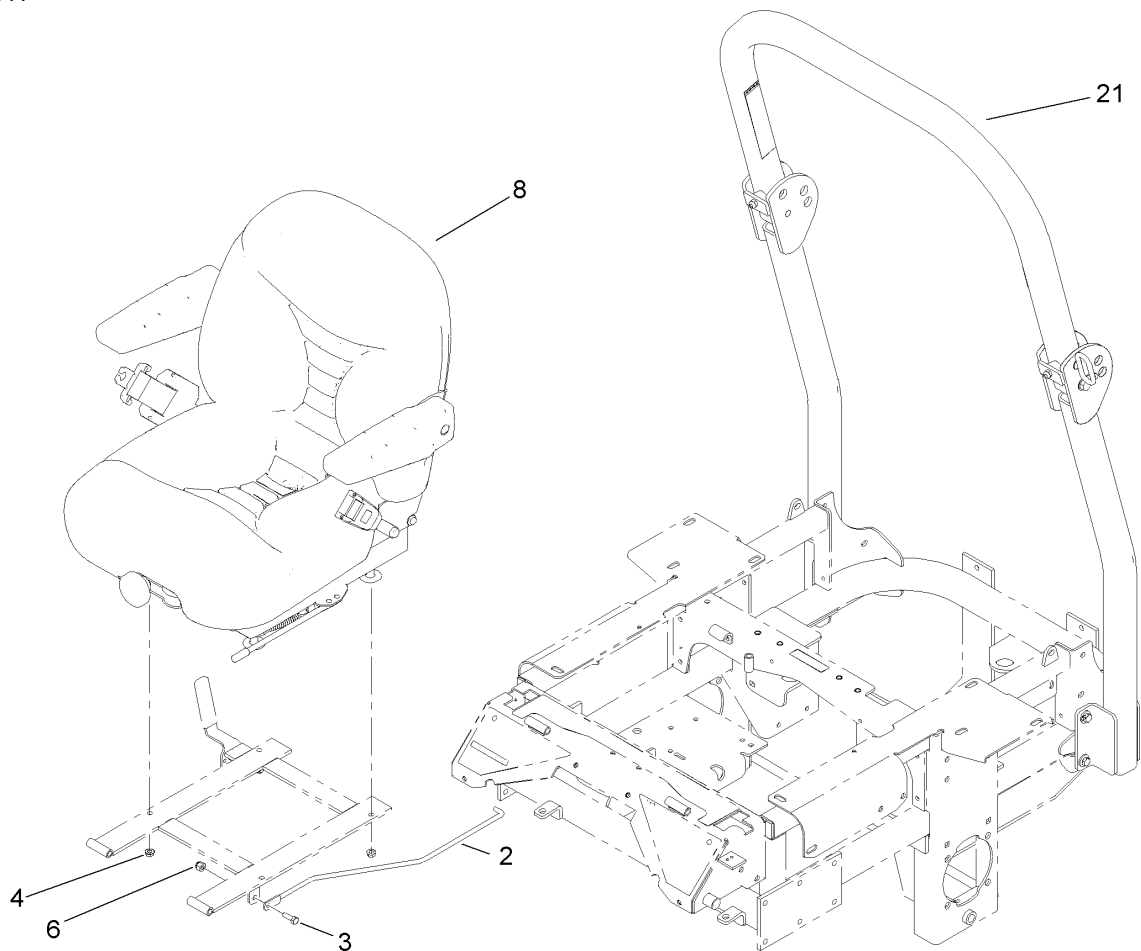
Ref	Part No.	Qty.	Description
18	100-9385	1	Lanyard-Nylon
19	3296-42	1	Nut-Lock, NI
20	100-6547	2	Cushion-Rubber
21	100-6542-01	1	Bracket-Cradle
22	323-20	1	Screw-HH
23	321-4	1	Screw-HH
24	1-543511	2	Seal-Grease
25	103-1474-01	2	Caster-Fork
26	325-39	2	Screw-HH
31	103-2768	4	Guard-Seal



Traction Frame and Floor Pan Assembly

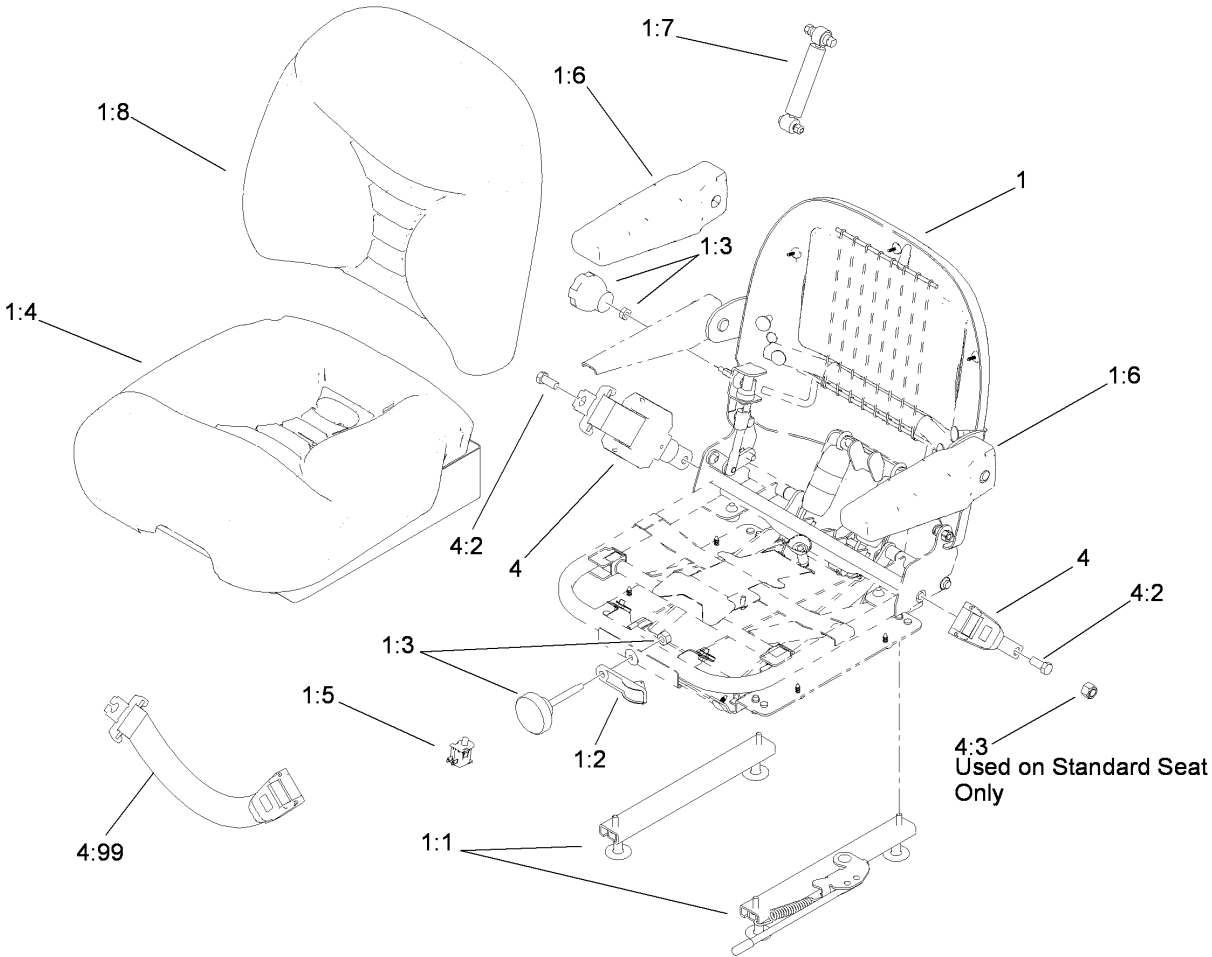
Ref	Part No.	Qty.	Description
1	322-43	6	Screw-HH
2	3256-70	4	Washer-Flat
3	3296-42	4	Nut-Lock, NI
6	114-8194	1	Traction Frame ASM
6:2	106-9989	1	Decal-Warning
6:3	106-7492	1	Decal-Danger
6:4	110-0819	1	Decal-Console, Top
6:5	98-5954	1	Decal-Cover, Missing
6:6	32148-11	5	Insert-Threaded
7	107-1865	2	R-Clamp
8	104-7050	1	Housing-Manual
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
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	114-5879	1	Decal-Diesel, Bio-Ready
14	3258-166	2	Screw-PRH
15	106-7488-03	1	Hinge-Floorpan, LH
16	3296-59	2	Nut-Lock, NI
17	104-7048	1	Cap-Housing
18	321-4	2	Screw-HH

Ref	Part No.	Qty.	Description
19	106-7489-03	1	Hinge-Floorpan, RH
20	106-7498	1	Pocket



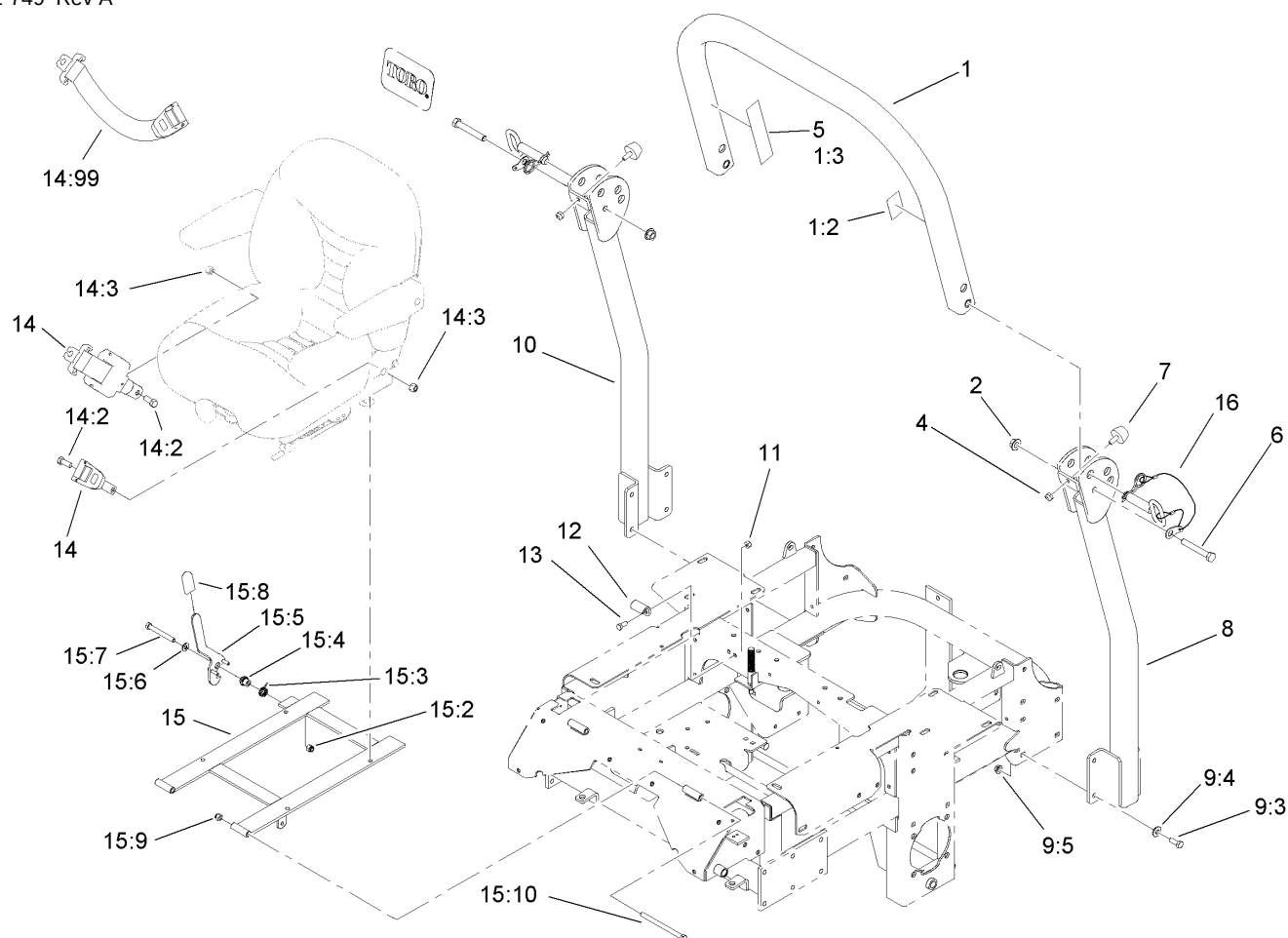
Seat and Roll-Over Protection System Assembly

Ref	Part No.	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	110-0838	1	Deluxe Seat ASM				
21	110-0877	1	ROPS Kit				



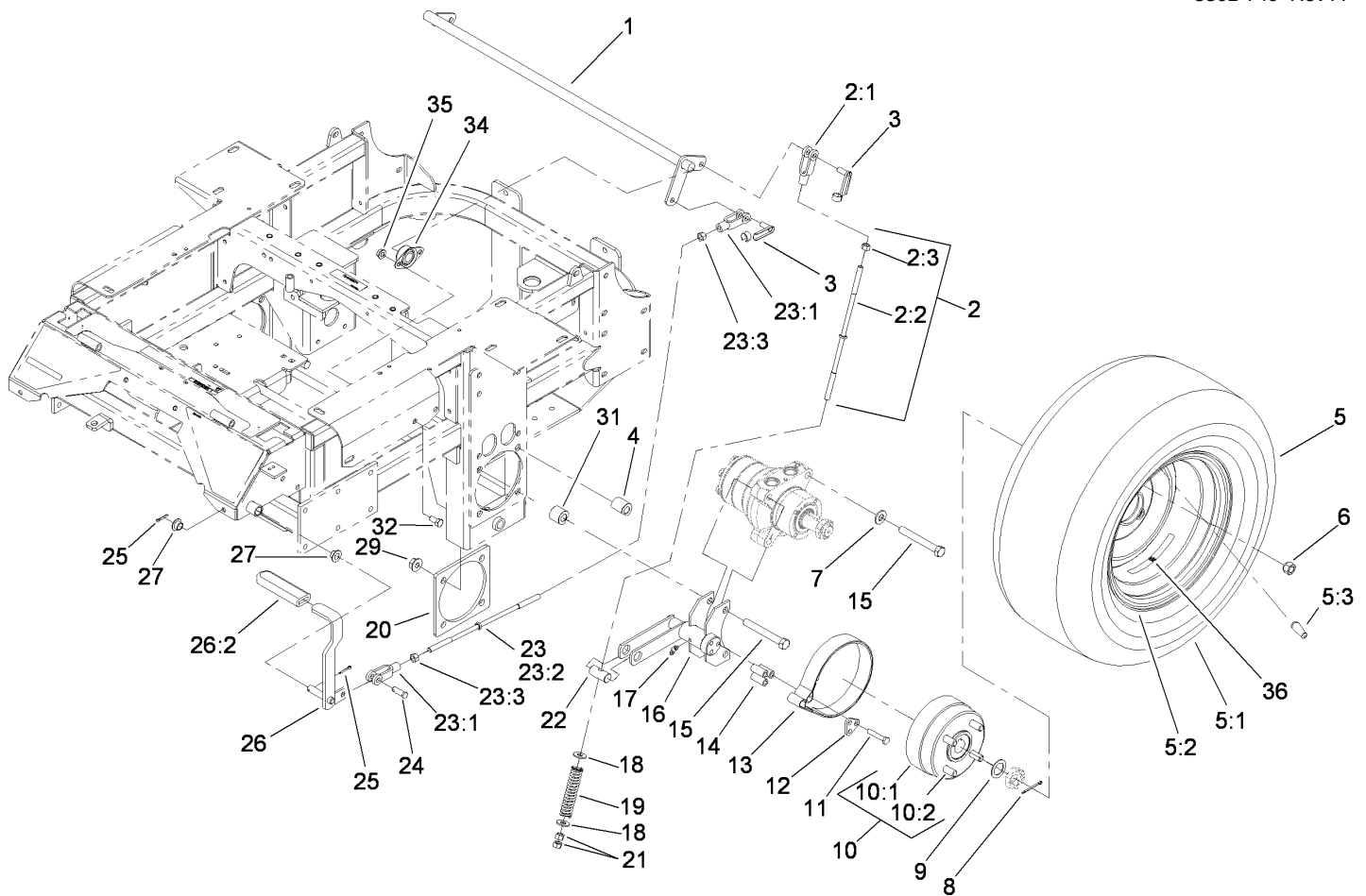
Deluxe Seat Assembly No. 110-0838

Ref	Part No.	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. 110-0877

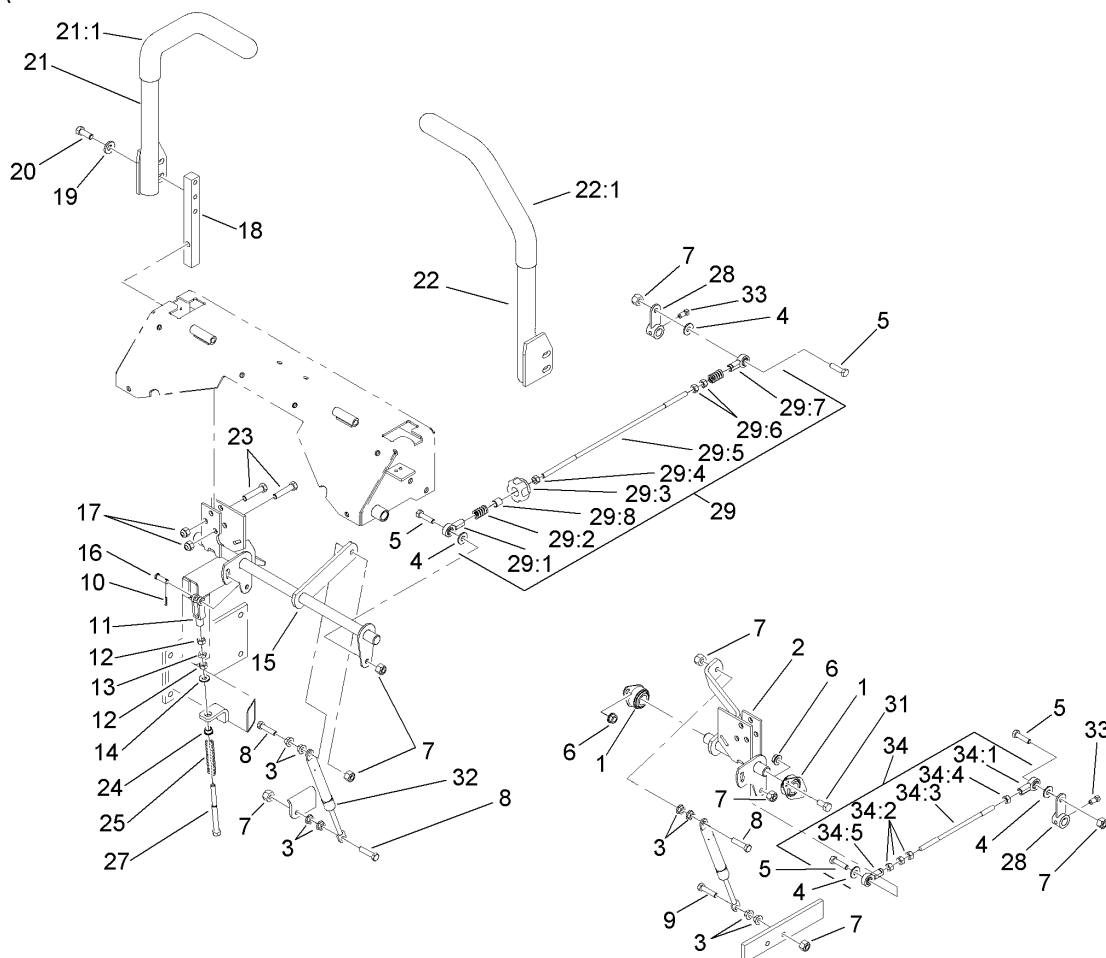
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1		1	Upper Tube ASM	15:4	107-0075	1	Bushing-Latch, Seat
1:2	107-2101	1	Decal-ROPS	15:5	107-3083	1	Latch ASM
1:3	107-2102	1	Decal-Warning, Folding ROPS	15:6	3256-24	1	Washer-Flat
2	32128-23	2	Nut-HF	15:7	323-20	1	Screw-HH
4	3296-73	2	Nut-Lock, NI	15:8	103-4434	1	Grip-Lever
5	107-3069	1	Decal-Warning, Folding ROPS	15:9	3296-39	2	Nut-Lock, NI
6	325-13	2	Screw-HH	15:10	323-39	2	Screw-HH
7	109-2365	2	Bumper-Rubber (W/Stud)	16	103-4553	2	ROPS Fold Pin ASM
②8		1	Tube-Support, LH				
①②9		1	Bag-Bolt, ROPS				
9:3	323-6	8	Screw-HH				
9:4	98-5975	8	Washer-Belleville				
9:5	3290-357	8	Nut-HHF, Whiz				
②10		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				



Main Frame and Rear Wheel Assembly

Ref	Part No.	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	109-8972	2	Wheel And Tire ASM
5:1	1-633993	1	Tire
5:2	109-3156	1	Rim ASM
5:3	232-27	1	Stem-Valve
6	242-50	8	Nut-Lug
7	87-7270	4	Washer-Thrust
8	1-806800	2	Pin-Cotter
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
15	325-18	8	Screw-HH
16	103-0352-03	2	Bracket-Brake

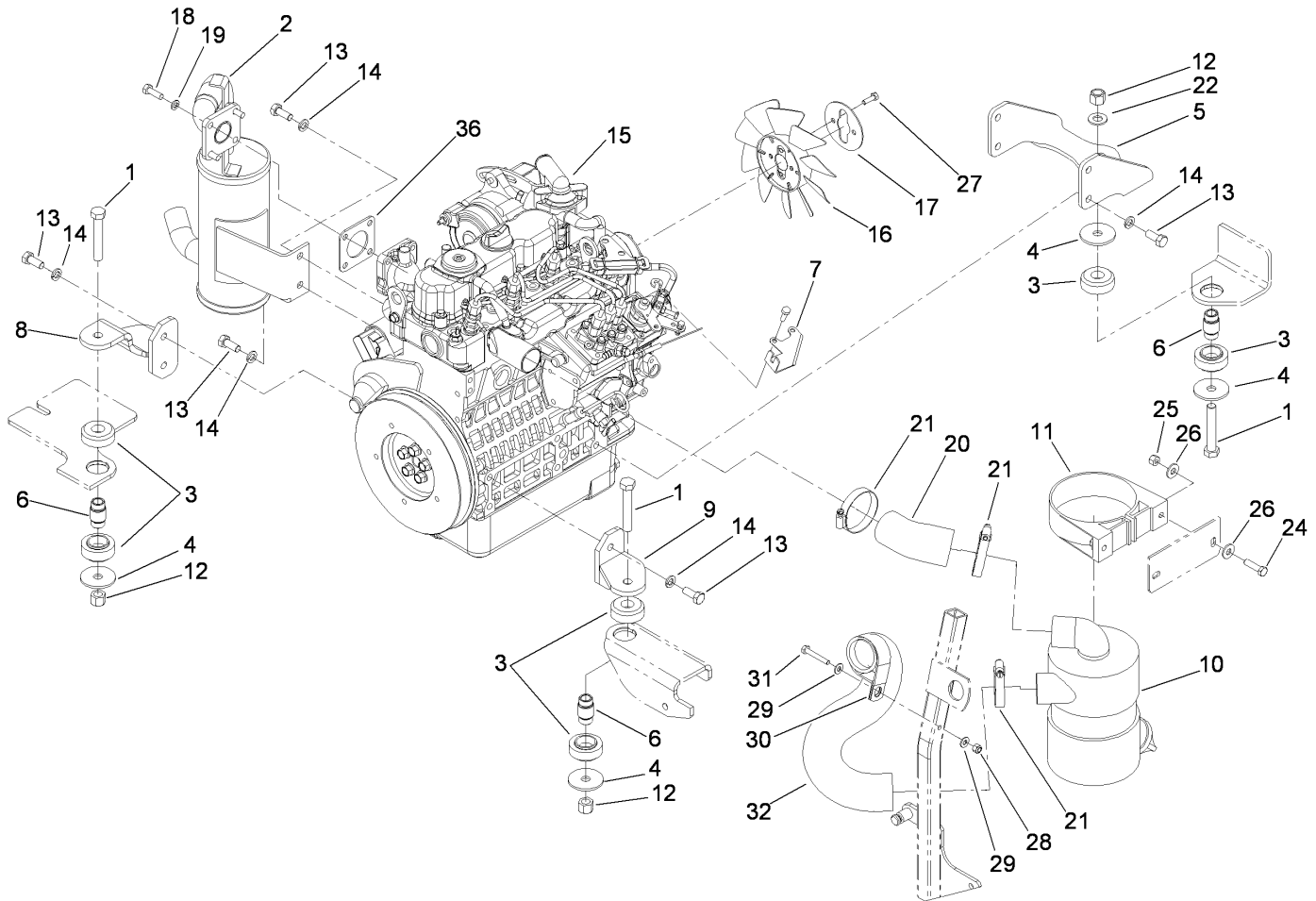
Ref	Part No.	Qty.	Description
17	1481	2	Fitting-Grease
18	3256-4	4	Washer-Flat
19	1-633454	2	Spring-Brake
20	103-3271-03	2	Plate-Reinforcement
21	3219-3	4	Nut-Hex
22	1-633144	2	Pin-Trunion
23	108-5962	1	Brake Rod ASM
23:1	1-633131	2	Yoke-Linkage, Brake
23:2	1-633477	1	Rod-Brake
23:3	3219-3	2	Nut-Hex
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, Brake
27	1-513140	2	Bearing-Control
29	32128-49	8	Nut-HHF
31	114-1184	4	Spacer-Wheel, Short
32	323-4	4	Screw-HH
34	1-633102	2	Bearing-Flange, Side
35	3290-357	4	Nut-HHF, Whiz
36	109-7949	2	Decal-Wheel Hub, Slotted Nut



Hydro Control Assembly

Ref	Part No.	Qty.	Description
1	1-633102	4	Bearing-Flange, Side
2	107-3480	1	LH Motion Control ASM
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	RH Motion Control ASM
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

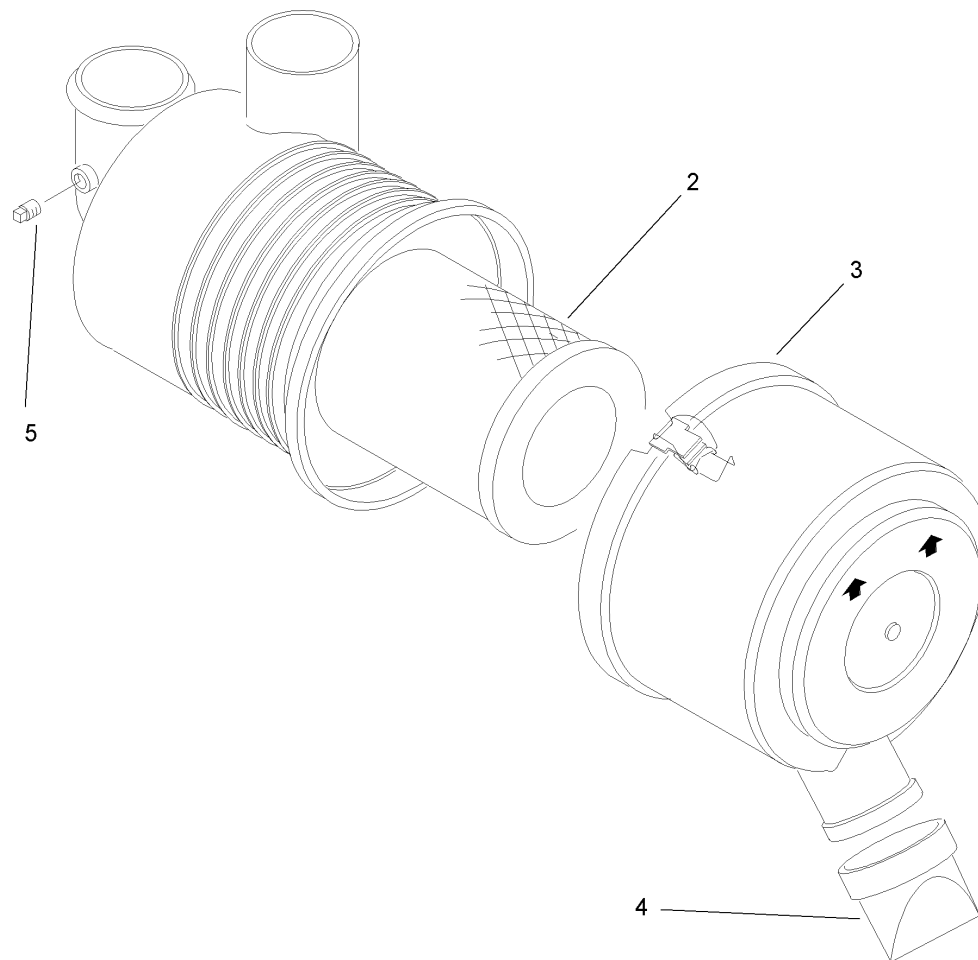
Ref	Part No.	Qty.	Description
23	323-9	6	Screw-HH
24	1-603735	2	Bushing-Flanged
25	1-603807	2	Spring-Return, Neutral
27	1-603737	2	Bolt-Return, Neutral
28	107-3470-03	2	Hydraulic Control Arm ASM
29	107-3474	1	RH Control Rod ASM
29:1	1-543017	1	Balljoint-RH
29:2	1-323245	2	Spring-Compression
29:3	103-3060	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

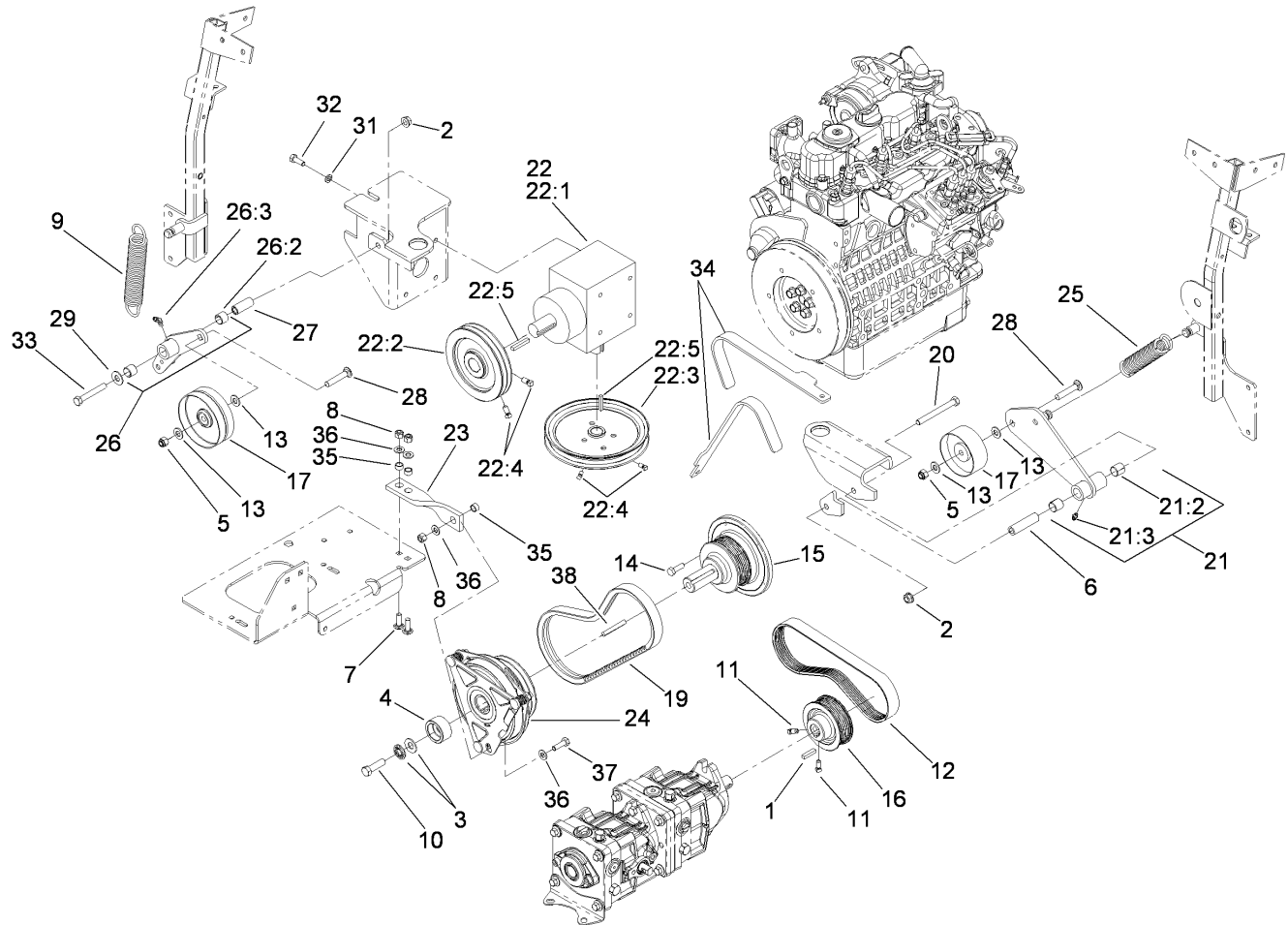
Ref	Part No.	Qty.	Description
1	325-12	3	Screw-HH
2	107-9909	1	Muffler
3	107-9914	3	Mount-Isolation
4	55-7960	4	Washer-Blade, Large
5	107-9917-03	1	Bracket-Engine Mount, Rear
6	110-0300	3	Spacer
7	112-2383	1	Bracket-Throttle
8	107-9920-03	1	RH Engine Support ASM
9	107-9930-03	1	LH Engine Support ASM
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	114-8170	1	Engine-Kobota
16	110-0814	1	Fan
17	110-0816	1	Plate-Reatainer, Fan
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

Ref	Part No.	Qty.	Description
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
36	99-8343	1	Gasket-Muffler



Air Cleaner Assembly No. 93-2190

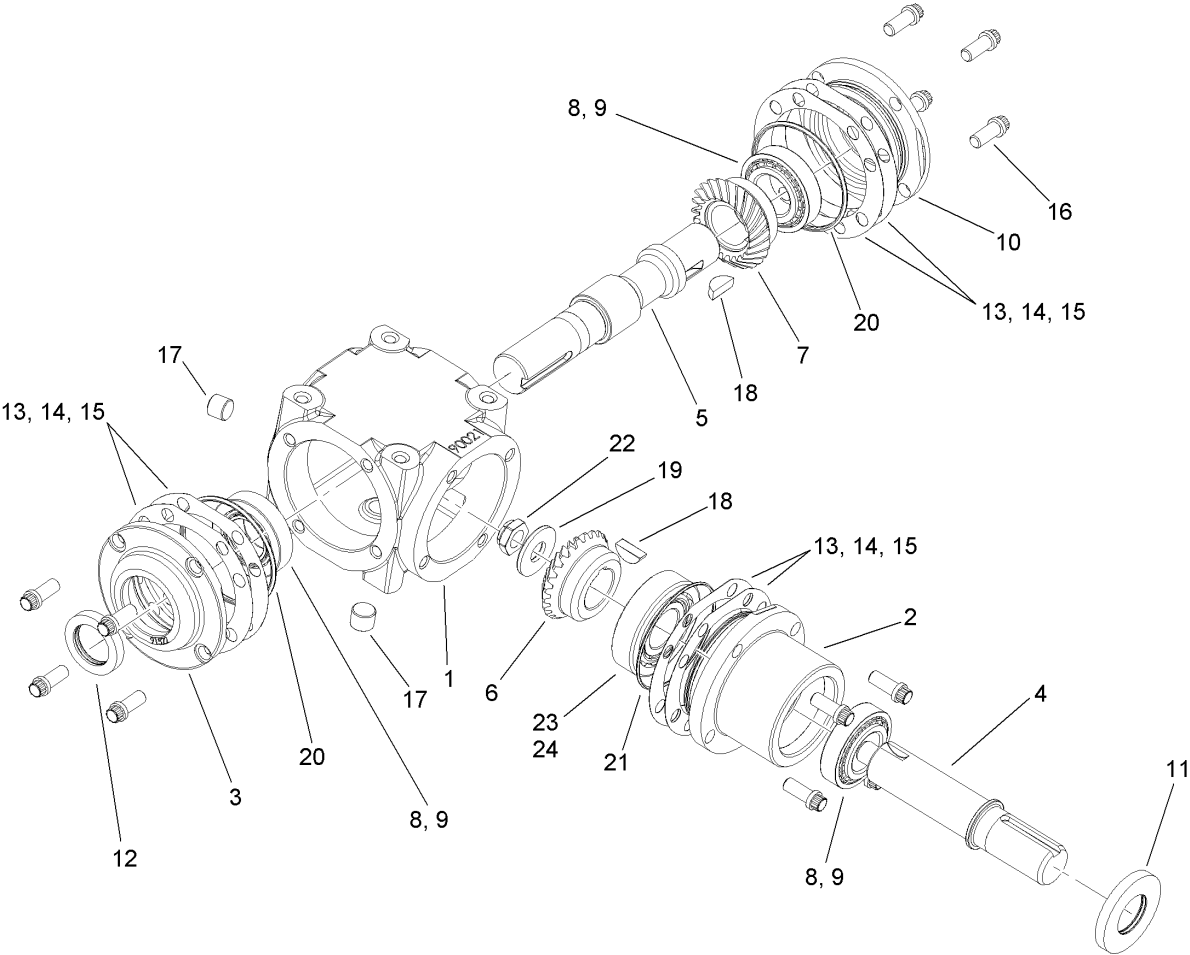
Ref	Part No.	Qty.	Description
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Hydro and Gearbox Assembly

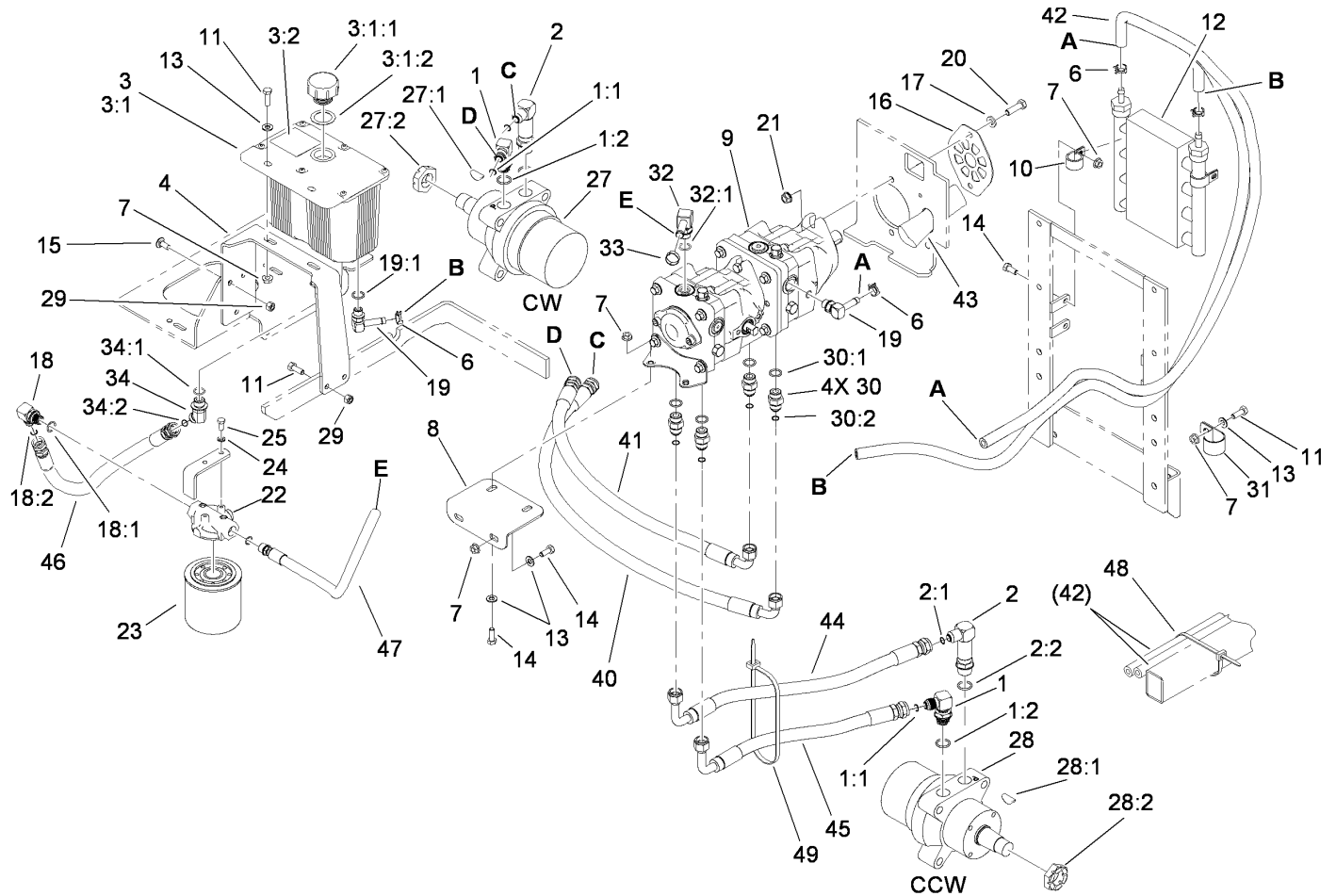
Ref	Part No.	Qty.	Description
1	5-0698	1	Key
2	3290-357	2	Nut-HHF, Whiz
3	1-603610	2	Washer-Spring
4	114-8152	1	Retainer-Clutch
5	3296-39	2	Nut-Lock, NI
6	1-603384	1	Bushing-Pivot, Idler
7	3230-22	2	Screw-CARR
8	3296-29	3	Nut-Lock, NI
9	110-0822	1	Spring-Extension
10	3212-6	1	Screw-HH
11	1-803022	2	Screw-Set
12	110-3865	1	Belt-V
13	3256-24	5	Washer-Flat
14	33114-025	5	Screw-HH
15	112-2335	1	Stub Shaft
16	110-3864	1	Pulley
17	108-5910	2	Pulley-Flat
19	110-3866	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

Ref	Part No.	Qty.	Description
22:2	110-3862	1	Pulley
22:3	110-0892	1	Pulley
22:4	1-803022	4	Screw-Set
22:5	67-7490	2	Key-Square
23	112-1781	1	Strap-Stop, Clutch
24	112-2320	1	Clutch-Magnetic
25	108-5985	1	Spring-Extension
26	112-2356	1	Gearbox Idler Arm ASM
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
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



Gearbox Assembly No. 107-9887

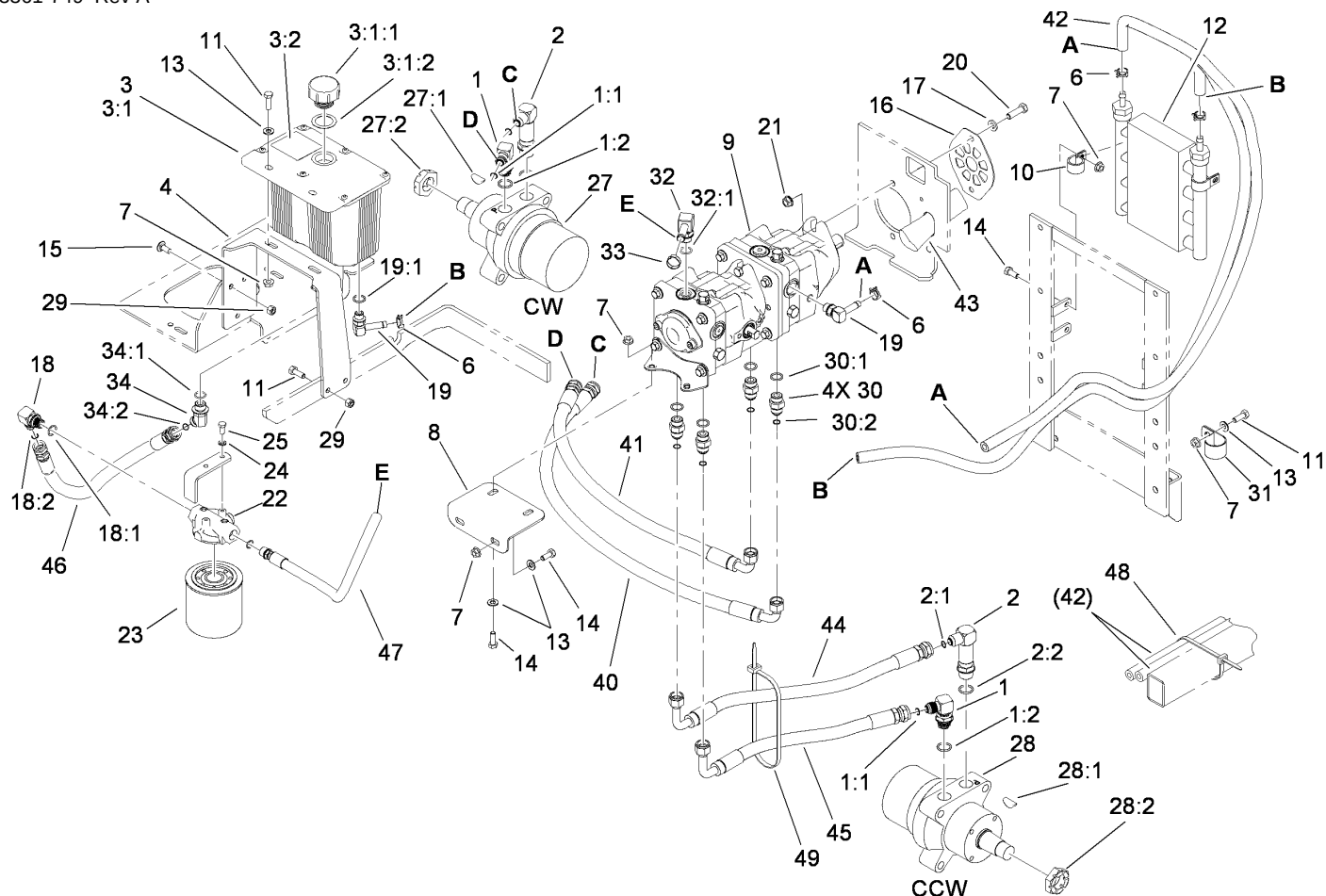
Ref	Part No.	Qty.	Description				
1	110-0843	1	Case				
2	110-0853	1	Housing-Pinion				
3	100-4566	1	Cap-End, Open				
4	110-0844	1	Shaft-Pinion				
5	110-0845	1	Shaft-Cross				
6	110-0847	1	Gear-Shaft, Cross				
7	110-0846	1	Gear-Pinion				
8	110-0848	3	Bearing-Cup				
9	110-0849	3	Bearing-Cone				
10	100-4574	1	Cap-End, Closed				
11	100-4575	1	Seal				
12	110-0850	1	Seal-Shaft, Cross				
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, Motor and Pump Assembly

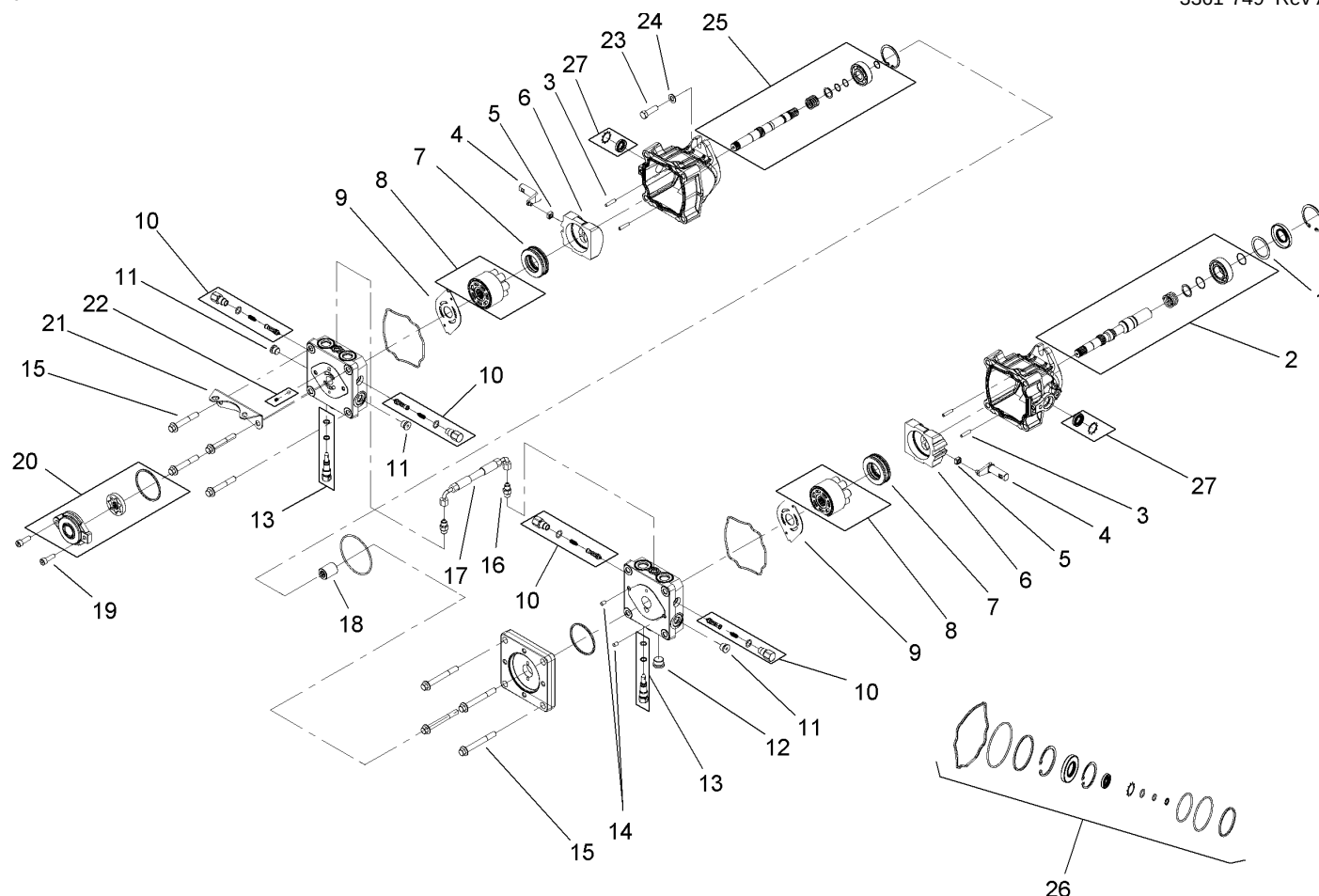
Ref	Part No.	Qty.	Description
1	1-633605	2	Fitting-HYD, 90 DEG
1:1	1-603992	1	O-Ring
1:2	237-80	1	O-Ring
2	108-5323	2	Fitting-Elbow-90
2:1	1-603992	1	O-Ring
2:2	237-80	1	O-Ring
3	108-5315	1	Hydraulic Tank ASM
3:1		1	Tank-Hydraulic
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	1-523552	1	Decal-Tank, HYD
4	108-5352-03	1	Bracket-Tank, Hydraulic
6	110-6242	4	Clamp-Hose
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
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

Ref	Part No.	Qty.	Description
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	Motor-Wheel, Cw S2
27:1	3257-42	1	Key-Woodruff
27:2	1-809036	1	Nut-HH
27:3	109-5966	1	Wheel Motor Seal Kit
28	112-8358	1	Motor-Wheel, Ccw S2
28:1	3257-42	1	Key-Woodruff
28:2	1-809036	1	Nut-HH
28:3	109-5966	1	Wheel Motor Seal Kit
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



Hydraulic Tank, Motor and Pump Assembly (continued)

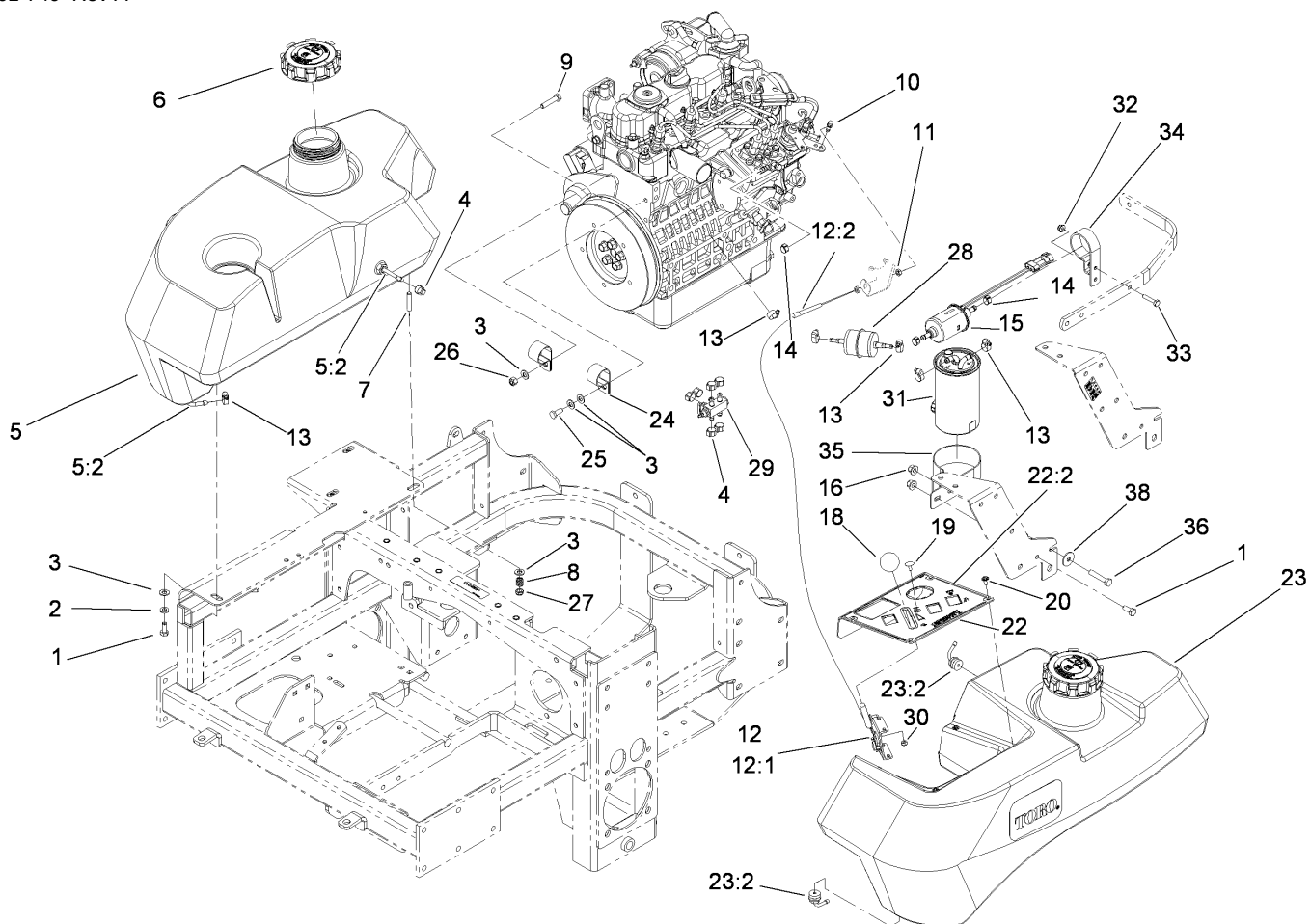
Ref	Part No.	Qty.	Description
32	108-5316	1	Fitting-Elbow, 90 DEG
32:1	237-79	1	O-Ring
33	103-2104	1	Clamp-Hose
34	1-523221	1	Fitting-HYD, 45 DEG
34:1	1-603920	1	O-Ring
34:2	1-603992	1	O-Ring
40	107-3495	1	Hydraulic Hose ASM
41	107-3490	1	Hydraulic Hose ASM
42	114-8169	2	Hose-Hydraulic
43	114-8201	1	Sleeve-Fabric
44	108-5318	1	Hydraulic Hose ASM
45	107-3491	1	Hydraulic Hose ASM
46	110-3854	1	Hydraulic Hose ASM
47	108-5374	1	Hydraulic Hose ASM
48	1-303335	1	Tie-Plastic
49	1-809066	1	Tie-Plastic



Tandem Pump Assembly No. 107-9885

Ref	Part No.	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

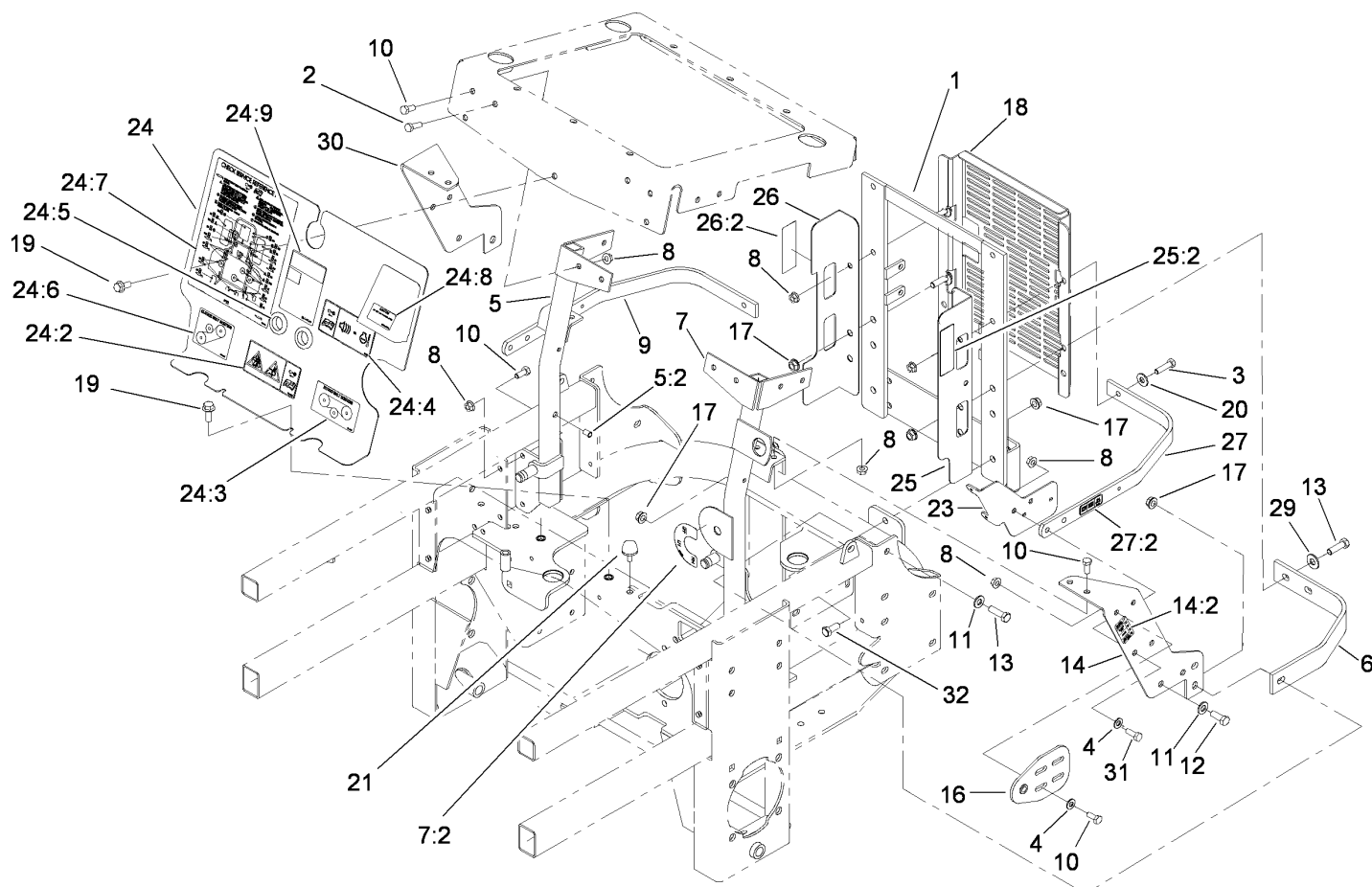
Ref	Part No.	Qty.	Description
25	112-4167	1	Second Pump Shaft Kit
26	112-4150	1	Overhaul Seal Kit
27	114-8155	1	Trunnion Seal Kit



Fuel System and Throttle Control Assembly

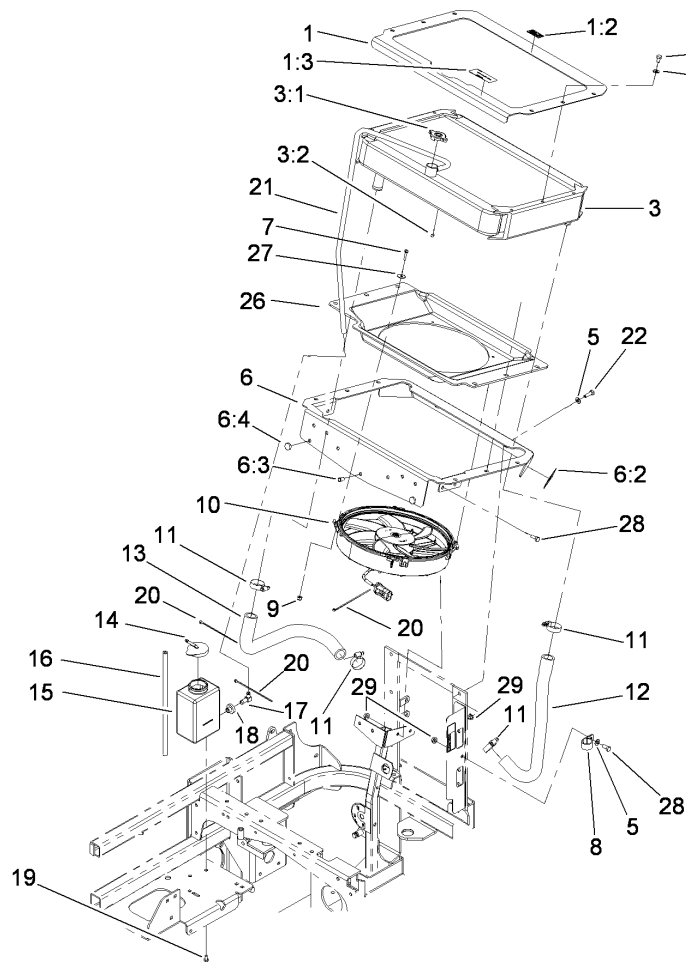
Ref	Part No.	Qty.	Description
1	322-3	3	Screw-HH
2	1-805005	2	Washer-Lock
3	3256-23	11	Washer-Flat
4	1-643293	8	Clamp-Hose, Fuel
5	114-8221	1	RH Fuel Tank ASM
5:2	103-2615	2	Fitting-Fuel, Bulkhead
6	114-8214	2	Biodiesel Cap ASM
7	1-633023	6	Stud
8	1-633349	6	Spring-Tank, Fuel
9	322-7	1	Screw-HH
10	108-5928	1	Swivel-Stop, Cable
11	3220-1	2	Nut-Jam
12	110-3880	1	Throttle Control ASM
12:1	112-2334	1	Lever-Throttle
12:2	112-2332	1	Cable-Throttle
13	2412-108	7	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
19	1-807513	2	Bolt-CARR
20	109-2661	4	Screw-PPH
22	117-0913	1	Control Panel ASM
22:2	117-0912	1	Decal-Panel, Control

Ref	Part No.	Qty.	Description
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



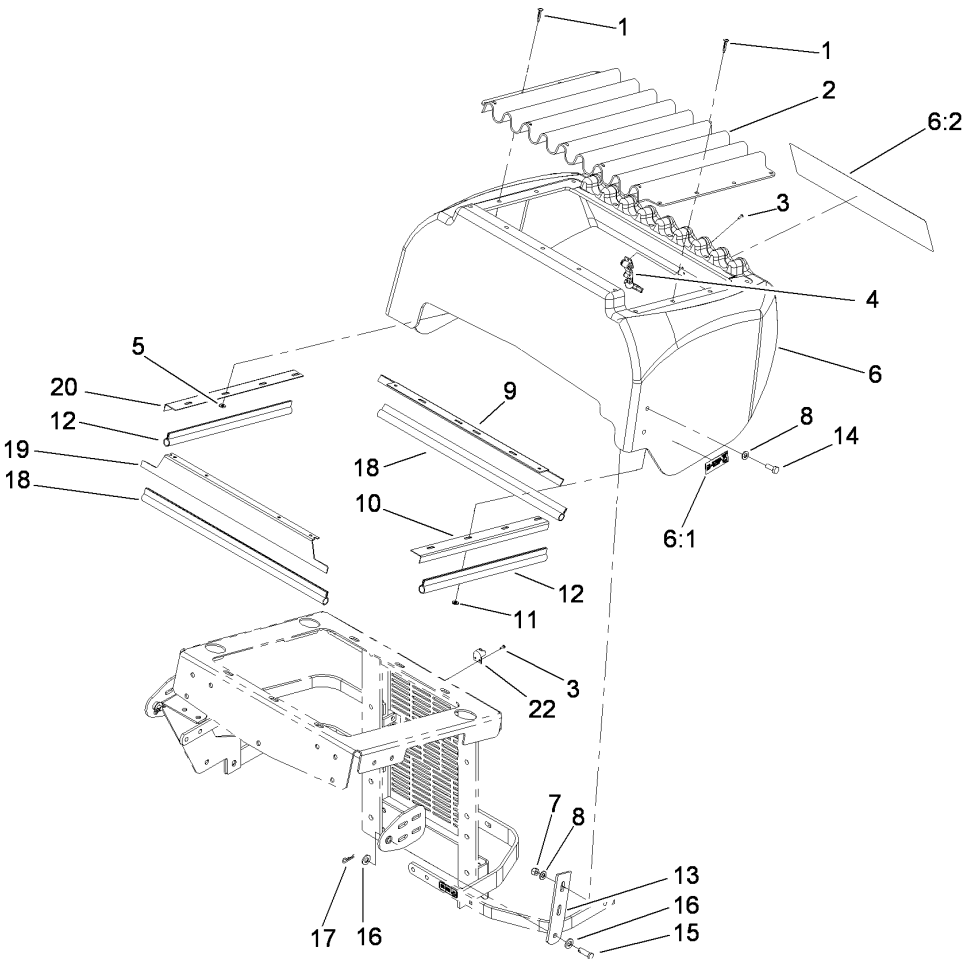
Engine Housing Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-9934-03	1	Support-Radiator, Rear	24	108-5936	1	Front Engine Shield ASM
2	322-5	2	Screw-HH	24:2	110-3853	1	Decal-Danger, Rotating Devices
3	322-6	2	Screw-HH	24:3	108-5955	1	Decal-Routing, Hydro Belt
4	3256-23	8	Washer-Flat	24:4	110-3852	1	Decal-Buzzer, Warning
5	114-1170	1	RH Radiator Brace ASM	24:5	100-3815	2	Grommet-Rubber
5:2	32148-11	1	Insert-Threaded	24:6	108-5957	1	Decal-Routing, Clutch Belt
6	103-7623-03	2	Strap-Guard	24:7	110-3851	1	Decal-Check, Service
7	110-3870	1	LH Radiator Brace ASM	24:8	110-0806	1	Decal-Caution
7:2	107-2114	1	Decal-Valve, Fuel	24:9	104-2449	1	Decal-Coolant
8	32128-20	22	Nut-HF	25	110-0878	1	LH Fan Guard ASM
9	114-8223-03	1	Top-Rib	25:2	1-643253	1	Decal-Fan, Radiator
10	322-3	14	Screw-HH	26	110-0887	1	RH Fan Guard ASM
11	3256-24	3	Washer-Flat	26:2	1-643253	1	Decal-Fan, Radiator
12	323-6	1	Screw-HH	27	110-0890	1	Strap-Top
13	323-7	4	Screw-HH	27:2	110-0305	1	Decal-Relay
14	112-8318	1	LH Support Bracket ASM	29	3256-4	2	Washer-Flat
14:2	117-3865	1	Decal-Fuses	30	108-5339-03	1	Bracket-Support, RH
16	108-5345-03	2	Hood Pivot Plate ASM	31	322-4	4	Screw-HH
17	3290-357	7	Nut-HHF, Whiz	32	323-5	2	Screw-HH
18	112-8302-03	1	Shield-Cooler				
19	98-8332	3	Knob				
20	3256-3	2	Washer-Flat				
21	109-2365	2	Bumper-Rubber (W/Stud)				
23	107-8081-03	1	Bracket-Relay/Fuse				



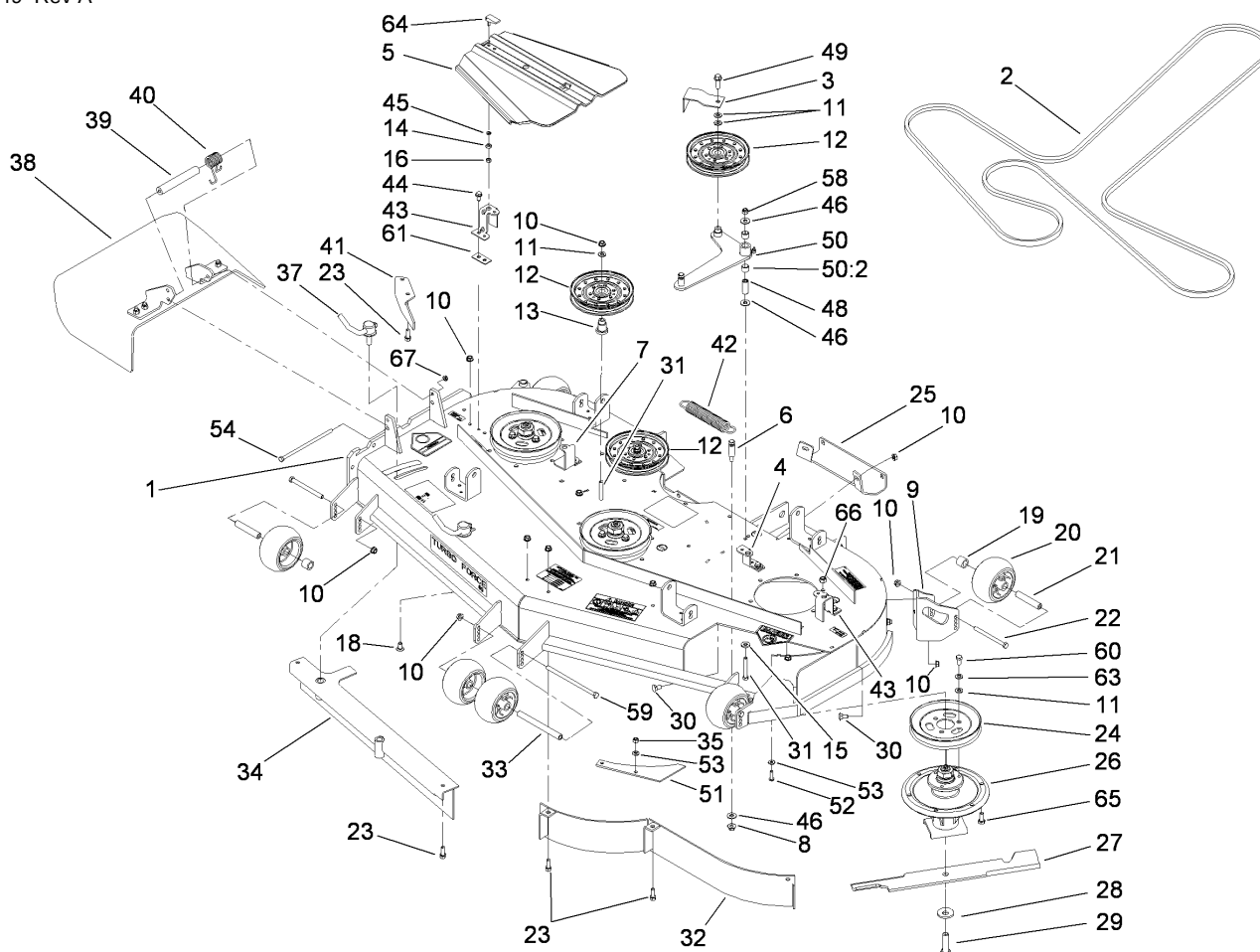
Cooling System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	112-8305	1	Top Rad Plate ASM	19	321-2	2	Screw-HH
1:2	65-2690	1	Decal-Surface, Hot	20	1-303287	5	Tie-Plastic
1:3	110-3842	1	Decal-Antifreeze	21	103-1428	1	Hose-Overflow
3	108-5382	1	Radiator ASM	22	322-5	3	Screw-HH
3:1	114-8202	1	Cap-Radiator	26	112-8317	1	Shroud
3:2	99-8551	1	Plug-Pipe	27	3256-67	4	Washer-Flat
4	322-1	6	Screw-HH	28	322-3	10	Screw-HH
5	3256-23	16	Washer-Flat	29	32128-20	3	Nut-HF
6	112-8306	1	Bottom Rad Plate ASM				
6:2	1-643253	2	Decal-Fan, Radiator				
6:3	32148-6	1	Insert-Nut				
6:4	1-513658	2	Bumper				
7	1-803067	4	Screw				
8	1-643312	1	Clip-Loom				
9	1-804254	4	Nut				
10	112-4172	1	Fan-Hi Performance				
11	1-633989	4	Clamp-Hose				
12	108-5372	1	Hose-Radiator, LH				
13	112-8314	1	Hose-Radiator, RH				
14	1-643164	1	Cap-Tank, Overflow				
15	1-643163	1	Tank-Overflow				
16	1-603954	1	Hose-Line, Fuel				
17	1-643259	1	Fitting-Elbow				
18	1-513645	1	Bushing-Valve, Fuel				



Hood Assembly

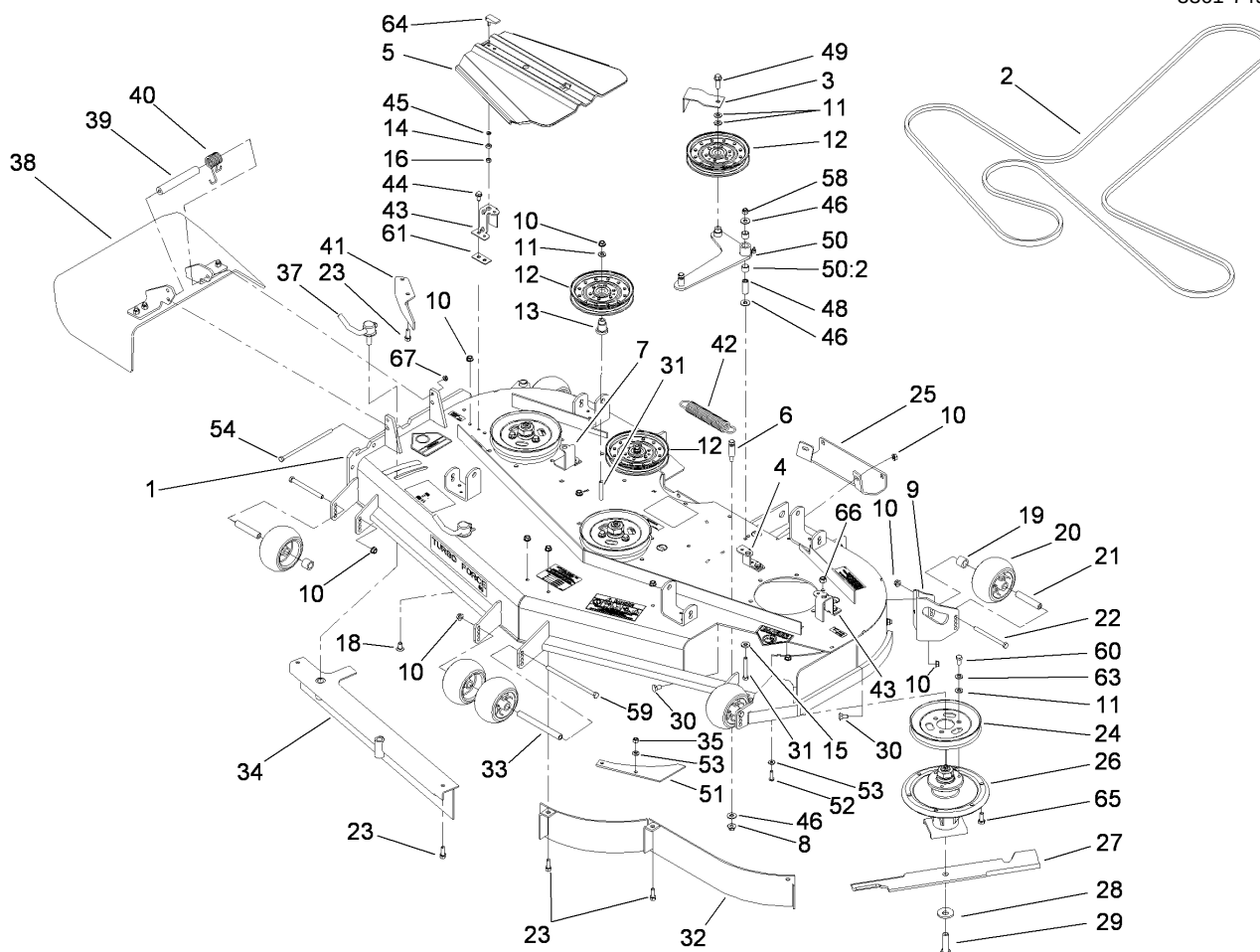
Ref	Part No.	Qty.	Description				
1	1-803072	17	Rivet				
2	1-633864-03	1	Screen-Radiator				
3	923786	4	Rivet				
4	1-643188	1	Latch-Rubber				
5	1-303435	4	Washer-Spring				
6	114-8225	1	Hood ASM				
6:1	114-9600	2	Decal-Low Sulfur				
6:2	107-7674	1	Decal				
7	3296-29	4	Nut-Lock, NI				
8	3256-23	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	117-6166-03	1	Bracket Seal, Radiator Front				
20	1-643106-03	1	Angle-Radiator, RH				
22	1-643189	1	Keeper-Latch, Rubber				



Deck Assembly

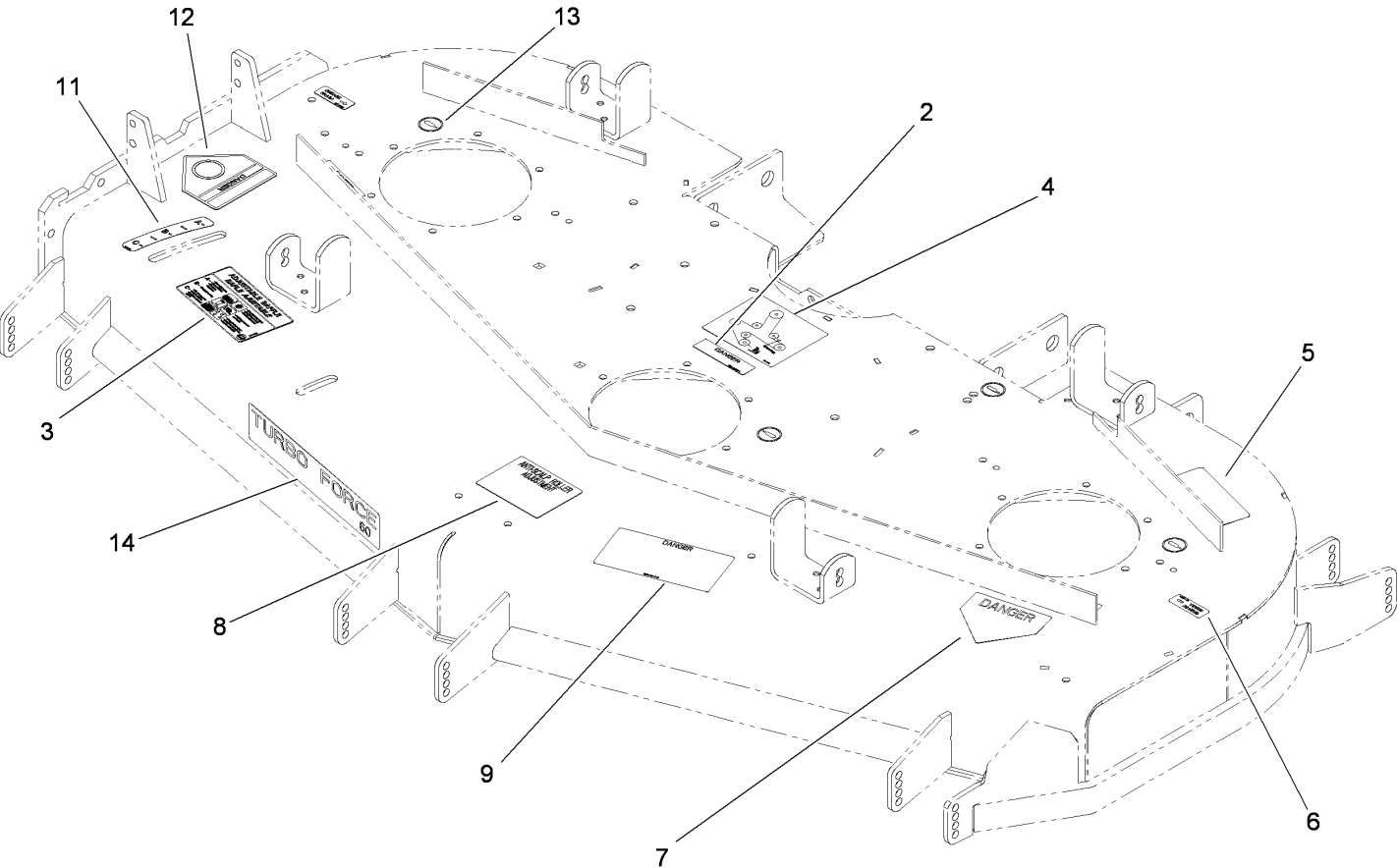
Ref	Part No.	Qty.	Description
1	114-4478	1	Deck Decal ASM
2	114-4420	1	Belt-V
3	108-7220-01	1	Guide-Belt
4	108-2177-01	1	Bracket-Cover, Tall
5	112-8664	2	Cover-Belt
6	110-0801	1	Pin-Threaded, Spring Anchor
7	108-4122-01	1	Bracket-Cover
8	32128-19	1	Nut-HF
9	106-7354-01	1	Mount-Wheel, LH
10	3290-357	25	Nut-HHF, Whiz
11	3256-24	13	Washer-Flat
12	1-633109	3	Idler-Flat
13	106-3214	2	Mount-Pulley
14	106-6778	2	Bushing-Latch, Swell
15	98-5975	1	Washer-Belleville
16	1-804254	2	Nut
18	3231-21	1	Screw-CARR
19	98-7913	4	Tube-Spacer
20	1-603299	6	Roller-Scalp, Anti
21	98-7912	4	Tube-Spanner
22	323-23	4	Screw-HH
23	92-1624	6	Screw-HWH
24	105-7734	3	Pulley
25	105-8792-01	1	Plate-Skid

Ref	Part No.	Qty.	Description
26	112-8698	3	Spindle ASM
27	105-7718-03	3	Blade-Hi Flow
28	103-0865	3	Washer-Blade Bolt, Heavy
29	51-4060	3	Screw-Blade
30	3231-1	11	Screw-CARR
31	323-12	3	Screw-HH
32	105-7657-01	1	Baffle ASM
33	98-5967	1	Spacer-Wheel
34	105-7669-01	1	Baffle ASM
35	3296-29	2	Nut-Lock, NI
37	107-1664	2	Lever ASM
38	108-2792	1	Rubber Deflector ASM
39	105-4622	1	Spacer
40	108-4052	1	Spring-Torsion
41	106-3216-01	1	Baffle-Discharge
42	110-0818	1	Spring-Extension
43	108-4121-01	2	Bracket-Cover
44	32144-70	4	Screw-HWHTF
45	99-3058	2	Washer
46	3256-4	3	Washer-Flat
48	1-603044	1	Bushing
49	3234-24	1	Screw-HHF
50	108-5949	1	Deck Idler Arm ASM
50:2	103-4681	2	Sleeve-Bearing



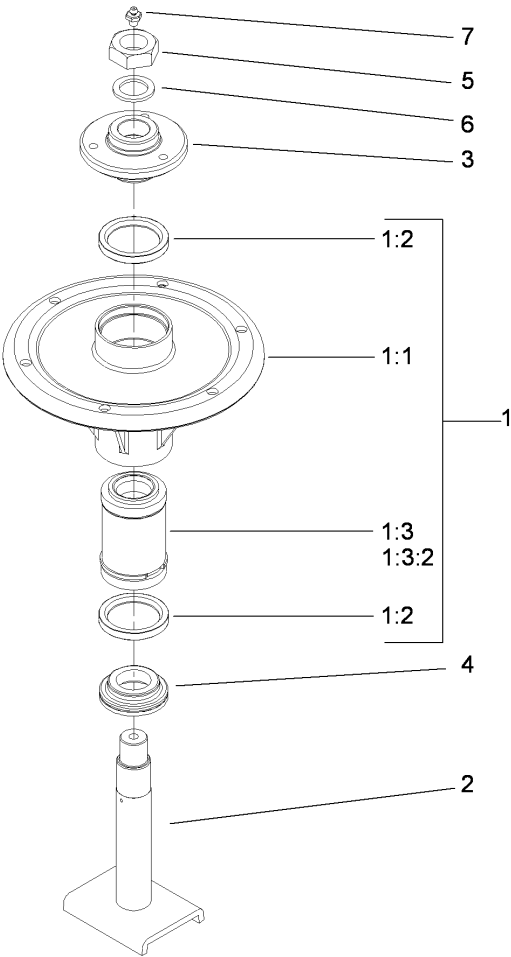
Deck Assembly (continued)

Ref	Part No.	Qty.	Description				
51	107-3137	1	Plate-Turbo				
52	3274-104	2	Screw-HSBH				
53	1-303334	4	Washer-Spring				
54	322-50	1	Screw-HH				
58	3296-39	1	Nut-Lock, NI				
59	108-5388	1	Screw-HH				
60	323-4	9	Screw-HH				
61	112-8663-01	4	Spacer-Cover, Belt				
63	3290-455	9	Washer-Belleville				
64	106-6777	2	Handle-Latch, Swell				
65	33115-025	18	Screw-HH				
66	33025-00	18	Nut-Lock				
67	3296-47	1	Nut-Lock, NI				



Deck Decal Assembly No. 114-4478

Ref	Part No.	Qty.	Description				
2	98-5954	3	Decal-Cover, Missing				
3	110-2068	1	Decal-Adjustment, Baffle				
4	108-5981	1	Decal-Router, Belt				
5	68-8340	1	Decal-Torque				
6	107-1613	2	Decal-Grease				
7	1-403005	1	Decal-Danger				
8	105-7798	1	Decal-Scalp, Anti				
9	66-1340	1	Decal-Danger, Thrown Object				
11	110-2067	1	Decal-Setting, Baffle				
12	54-9220	1	Decal-Danger				
13	58-6520	4	Decal-Grease				
14	107-1619	1	Decal				

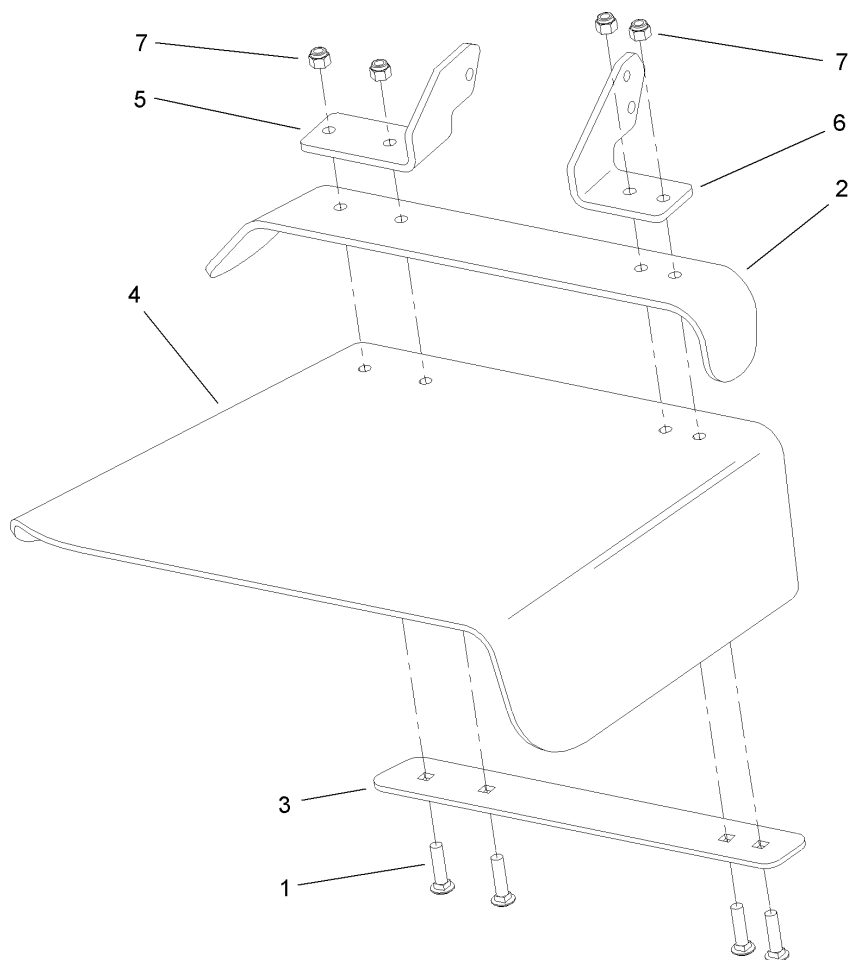


Spindle Assembly No. 112-8698

Ref	Part No.	Qty.	Description				
② 1		1	Spindle Bearing ASM				
② 1:1		1	Housing-Spindle				
1:2	253-154	2	Seal-Oil				
1:3	71-2530	1	Bearing/Spacer Kit				
② 1:3:2		1	Spacer-Bearing				
2	110-3285	1	Spindle Shaft ASM				
3	114-1161	1	Hub-Spline				
4	69-6950	1	Spacer-Shaft, Spindle				
5	3296-49	1	Nut-Lock, NI				
6	3-8514	1	Washer-Thrust				
7	302-2	1	Fitting-Grease				

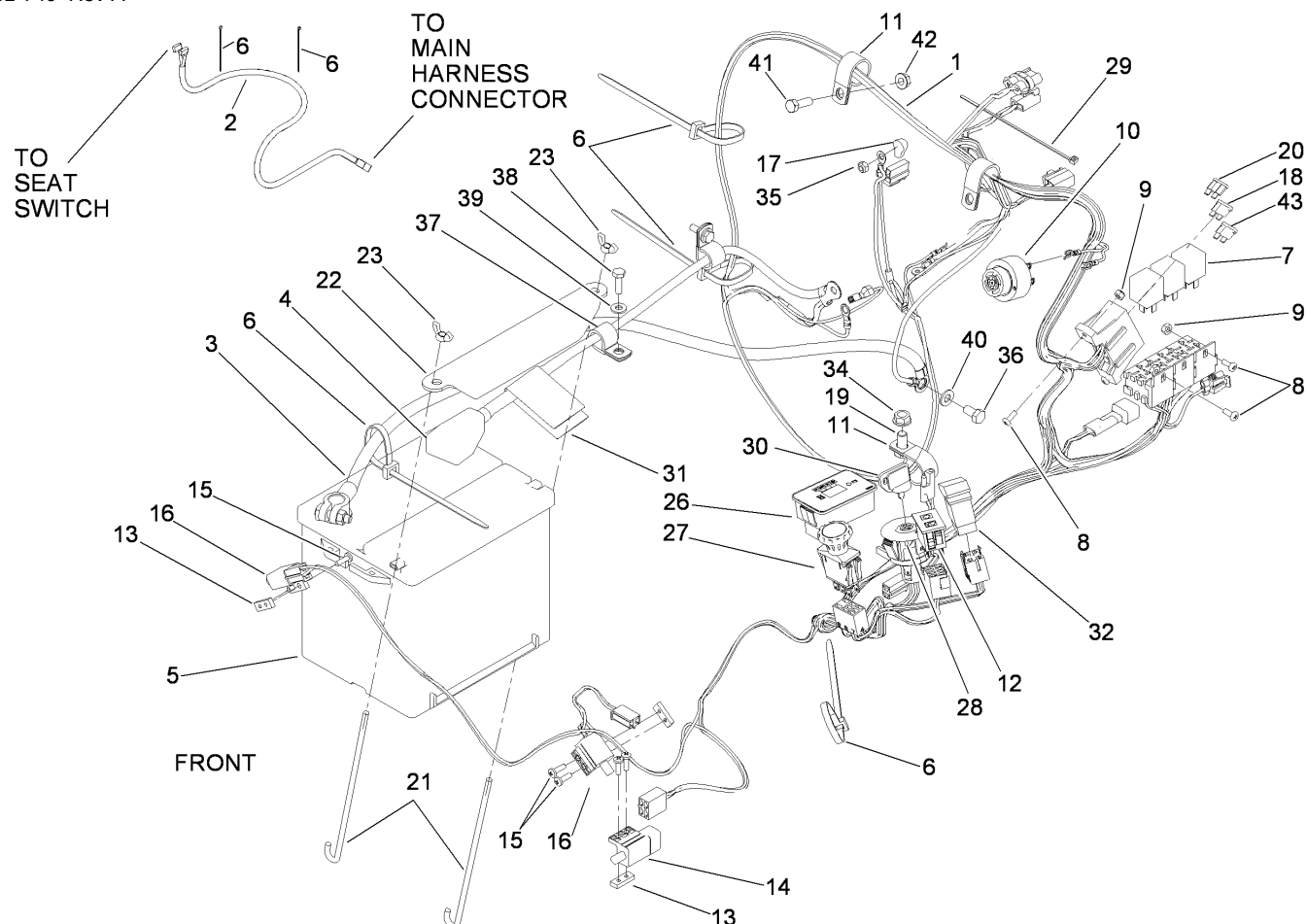
Lever Assembly No. 107-1664

Ref	Part No.	Qty.	Description
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

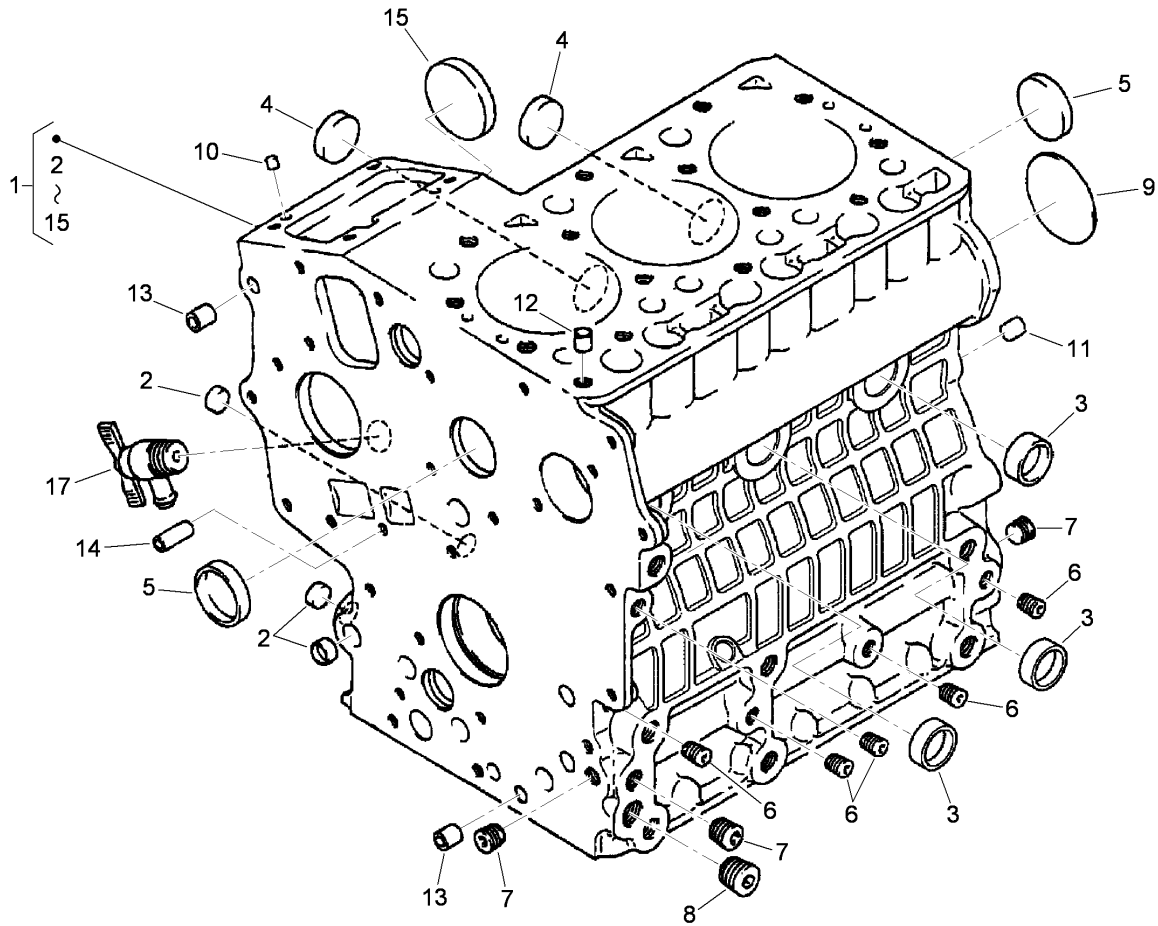
Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	108-5029	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	106-3253-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



Electrical Assembly

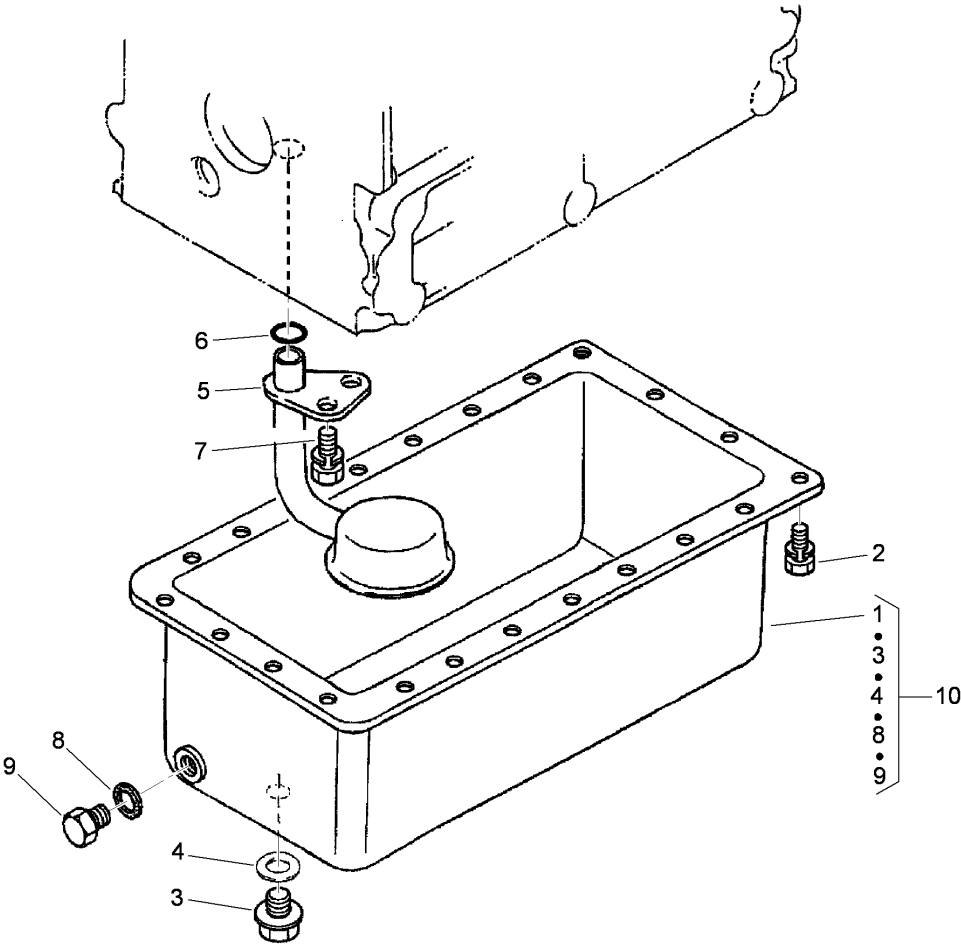
Ref	Part No.	Qty.	Description
1	117-3802	1	Harness-Wire
2	103-1227	1	Harness-Wiring, Seat
3	110-0303	1	Cable-Battery, Negative
4	110-0304	1	Cable-Battery, Positive
5	106-5187	1	Battery
6	1-303335	7	Tie-Plastic
7	1-643275	3	Relay
8	1-803071	4	Screw
9	3296-2	4	Nut-Lock, NI
10	103-0205	1	Alarm-Tone, Dual
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
17	1-643178	1	Cap-Insulator, Red
18	103-1368	1	Fuse-40 Amp
19	323-4	1	Screw-HH
20	109103	1	Fuse-30 Amp
21	103-1312	2	Bolt-Holddown
22	103-1311-03	1	Holddown-Battery
23	1-543792	2	Wingnut
26	112-8650	1	Hour Meter ASM

Ref	Part No.	Qty.	Description
27	116-0124	1	Switch-PTO, 10A
28	116-0050	1	Switch-Ignition
29	1-303287	1	Tie-Plastic
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
41	322-5	2	Screw-HH
42	32128-20	2	Nut-HF
43	218-578	1	Fuse-10 Amp



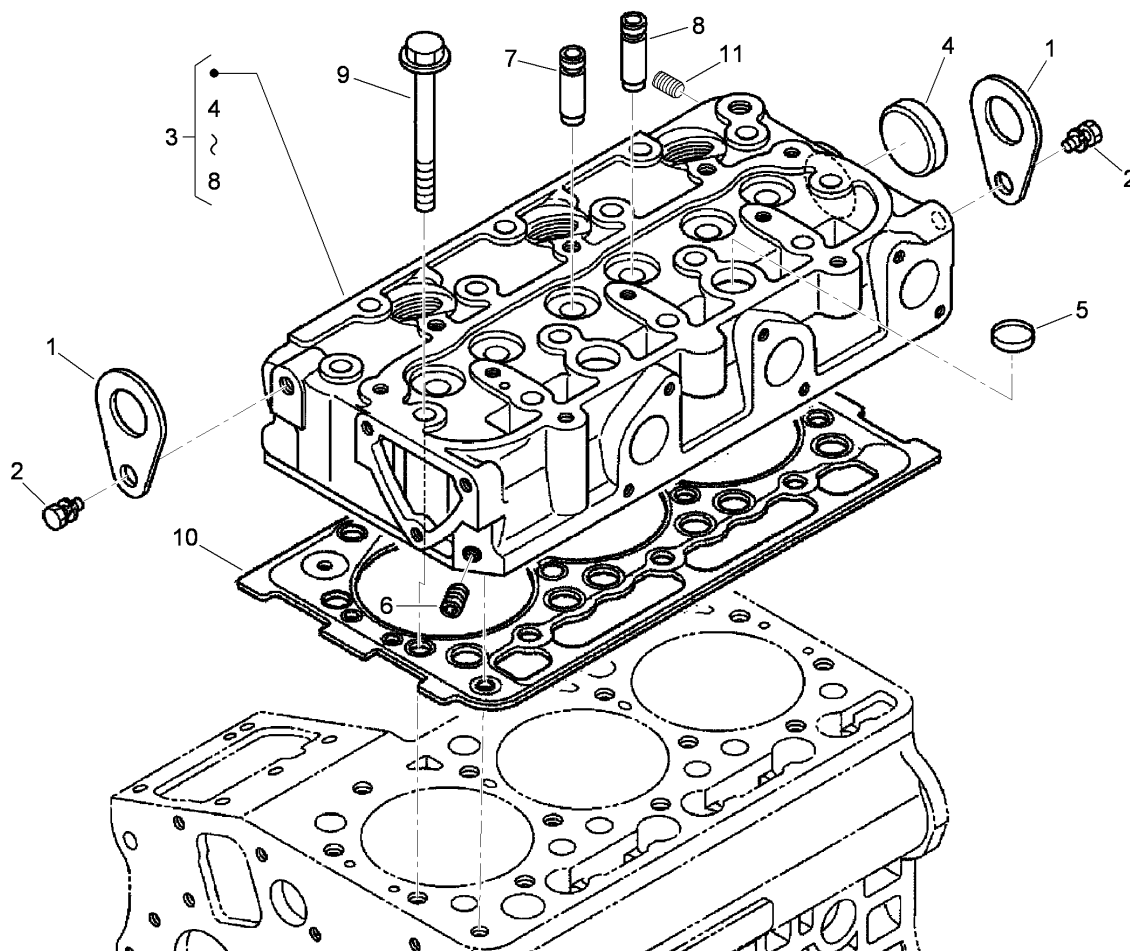
Crankcase Assembly

Ref	Part No.	Qty.	Description				
1	117-0301	1	Crankcase ASM				
2	100-2019	3	Cap-Sealing				
3	100-2020	3	Cap-Sealing				
4	110-3702	2	Cap-Sealing				
5	98-9398	2	Cap-Sealing				
6	98-9687	5	Plug				
7	98-7487	3	Plug				
8	98-7488	1	Plug				
9	100-1851	1	Plug-Expansion				
10	98-9375	2	Pin-Straight				
11	98-9377	2	Pin-Straight				
12	98-7506	1	Pin-Pipe				
13	98-9387	2	Pin-Pipe				
14	100-2051	2	Pin-Pipe				
15	100-1991	1	Cover-Fuel, Camshaft				
17	98-9436	1	Drain Cock ASM				



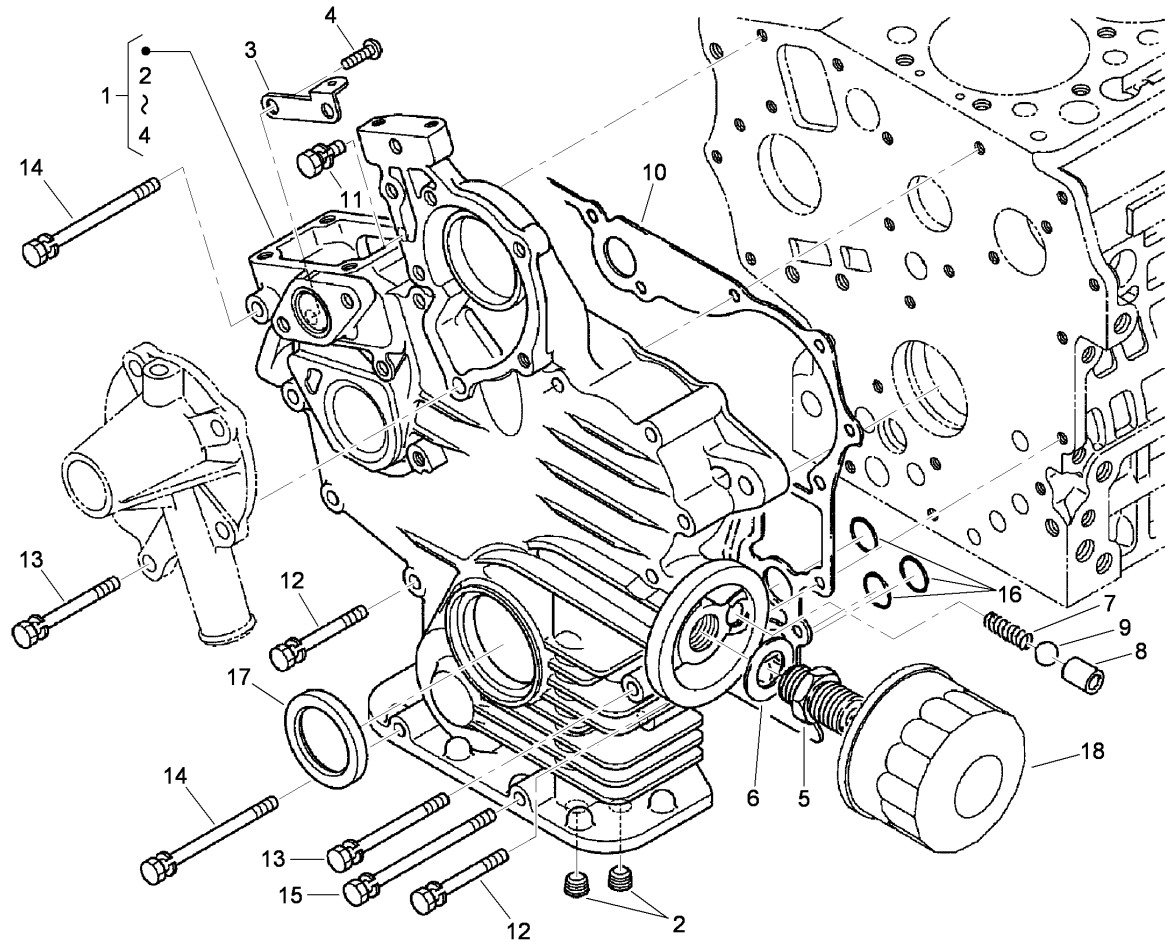
Oil Pan Assembly

Ref	Part No.	Qty.	Description				
1	112-8328	1	Pan-Oil				
2	117-0302	22	Bolt				
3	98-9686	1	Plug-Drain				
4	110-9715	1	Gasket-Pan, Oil				
5	100-2001	1	Strainer-Pickup, Oil				
6	105-3776	1	O-Ring				
7	100-9195	1	Bolt				
8	98-7524	1	Gasket				
9	114-8151	1	Plug-Drain				
10	112-8327	1	Oil Pan Kit				



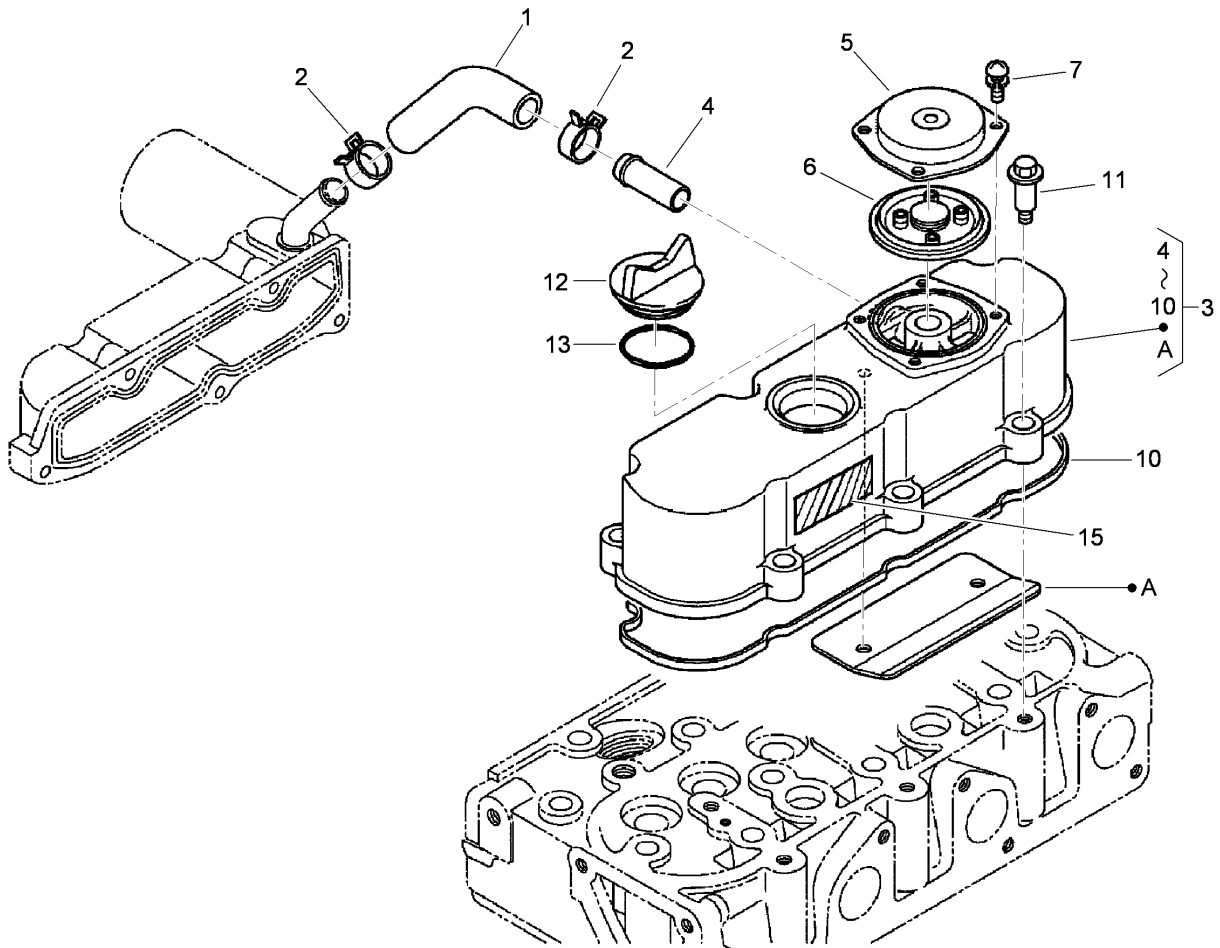
Cylinder Head Assembly

Ref	Part No.	Qty.	Description				
1	98-7531	2	Hook-Engine				
2	98-7526	2	Bolt				
3	112-8329	1	Head-Cylinder				
4	105-3705	1	Cap-Sealing				
5	98-9389	2	Cap-Sealing				
6	98-9687	1	Plug				
7	100-1882	3	Guide-Valve, Inlet				
8	100-1883	3	Guide-Valve, Exhaust				
9	100-1820	14	Bolt-Head, Cylinder				
10	112-2520	1	Gasket-Head, Cylinder				
11	98-9444	1	Plug				



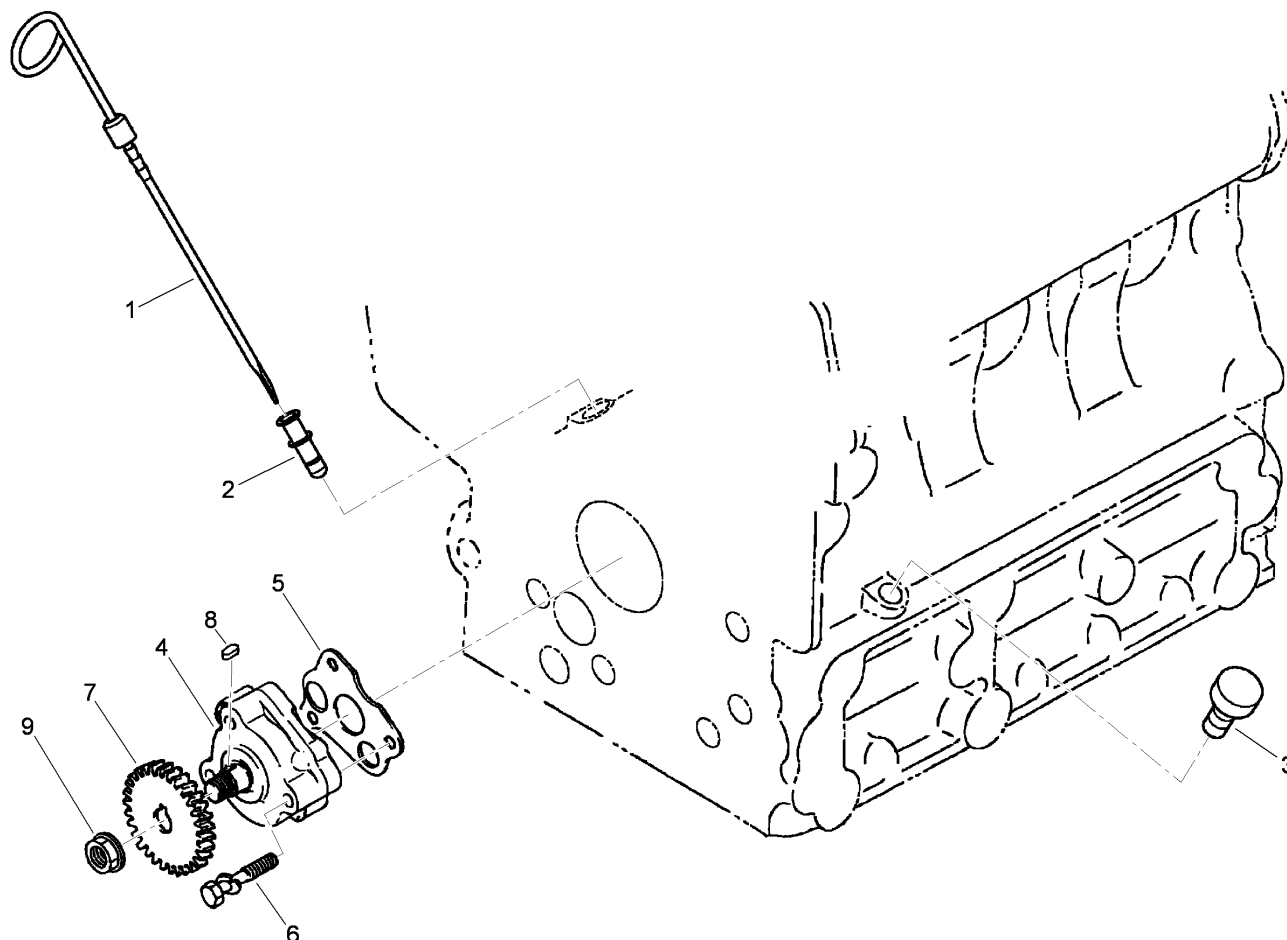
Gear Case and Oil Filter Cartridge Assembly

Ref	Part No.	Qty.	Description				
1	112-8331	1	Case-Gear				
2	98-7488	2	Plug				
3	110-3708	1	Stay-Spring, Start				
4	100-2040	2	Screw				
5	98-9388	1	Joint-Pipe				
6	100-1926	1	Washer-Plain				
7	100-2004	1	Spring				
8	100-1894	1	Seat-Valve				
9	100-1792	1	Ball				
10	110-3709	1	Gasket-Gearcase				
11	98-7605	1	Bolt				
12	105-3797	9	Bolt				
13	100-1922	2	Bolt				
14	98-9357	2	Bolt				
15	110-3710	1	Bolt				
16	100-2206	3	O-Ring				
17	100-1971	1	Seal-Oil				
18	100-1892	1	Cartridge-Filter, Oil				



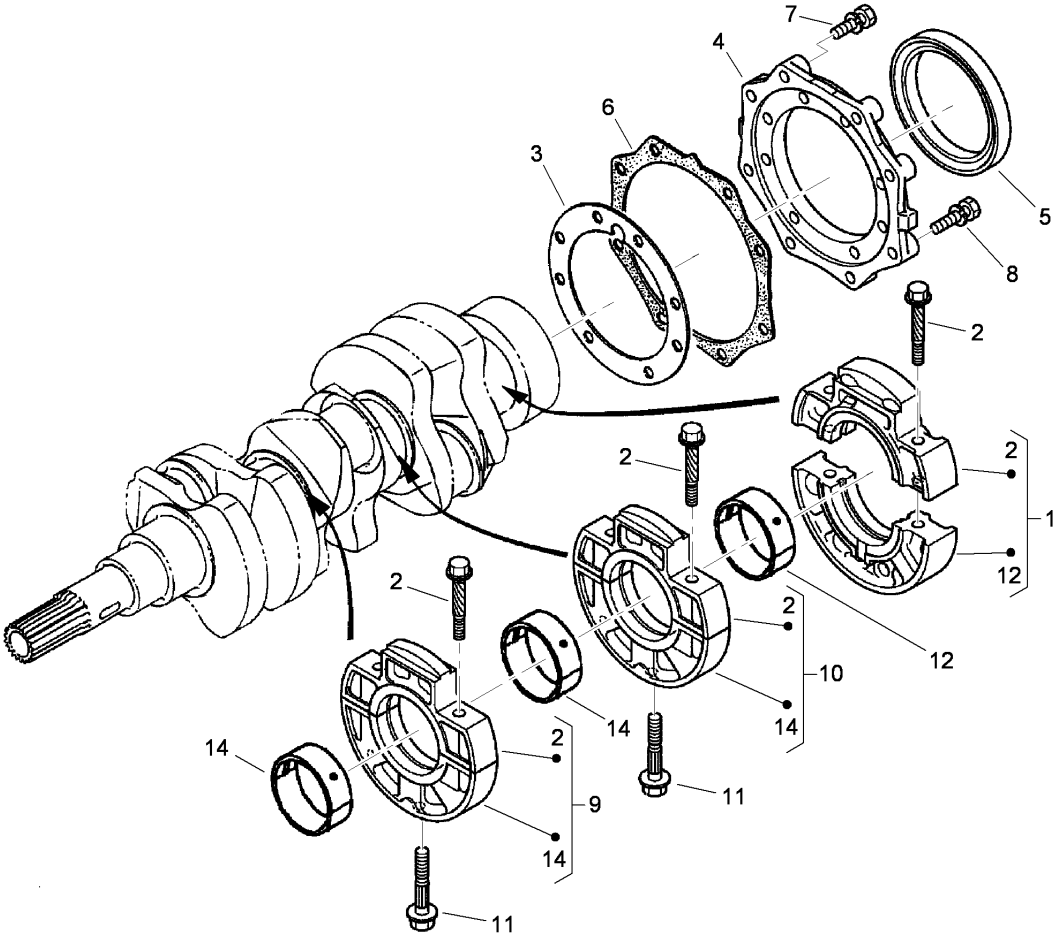
Cylinder Head Cover Assembly

Ref	Part No.	Qty.	Description				
1	110-3711	1	Tube-Breather				
2	110-3712	2	Clamp-Hose				
3	112-8332	1	Cylinder Head Cover ASM				
4	98-9580	1	Pipe-Return, Water				
5	110-3714	1	Cover-Breather				
6	110-3715	1	Valve-Breather				
7	98-9364	4	Screw (With Washer)				
10	112-2521	1	Gasket-Cover, Head				
11	108-7063	6	Bolt				
12	107-9075	1	Plug-Filler, Oil				
13	99-3446	1	O-Ring				
15	110-3843	1	Label-Instruction				



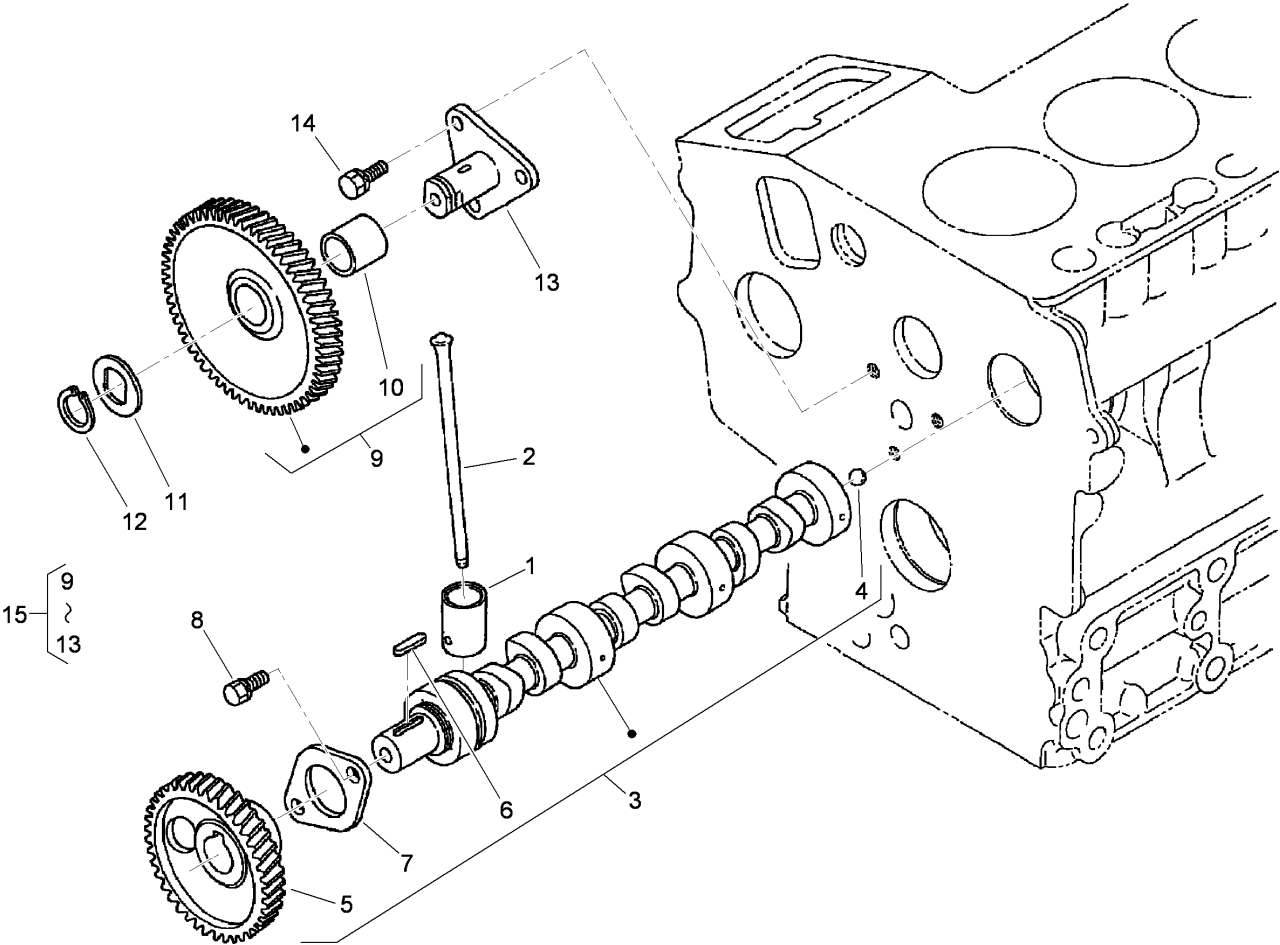
Dipstick, Guide and Oil Pump Assembly

Ref	Part No.	Qty.	Description
1	110-3719	1	Gauge-Oil
2	105-4580	1	Guide-Gauge, Oil
3	110-3720	1	Plug-Gauge, Oil
4	100-2002	1	Oil Pump ASM
5	100-2003	1	Gasket-Pump, Oil
6	100-1923	3	Bolt
7	100-1893	1	Gear-Drive, Oil Pump
8	98-7658	1	Key-Feather
9	100-1779	1	Nut-Flange



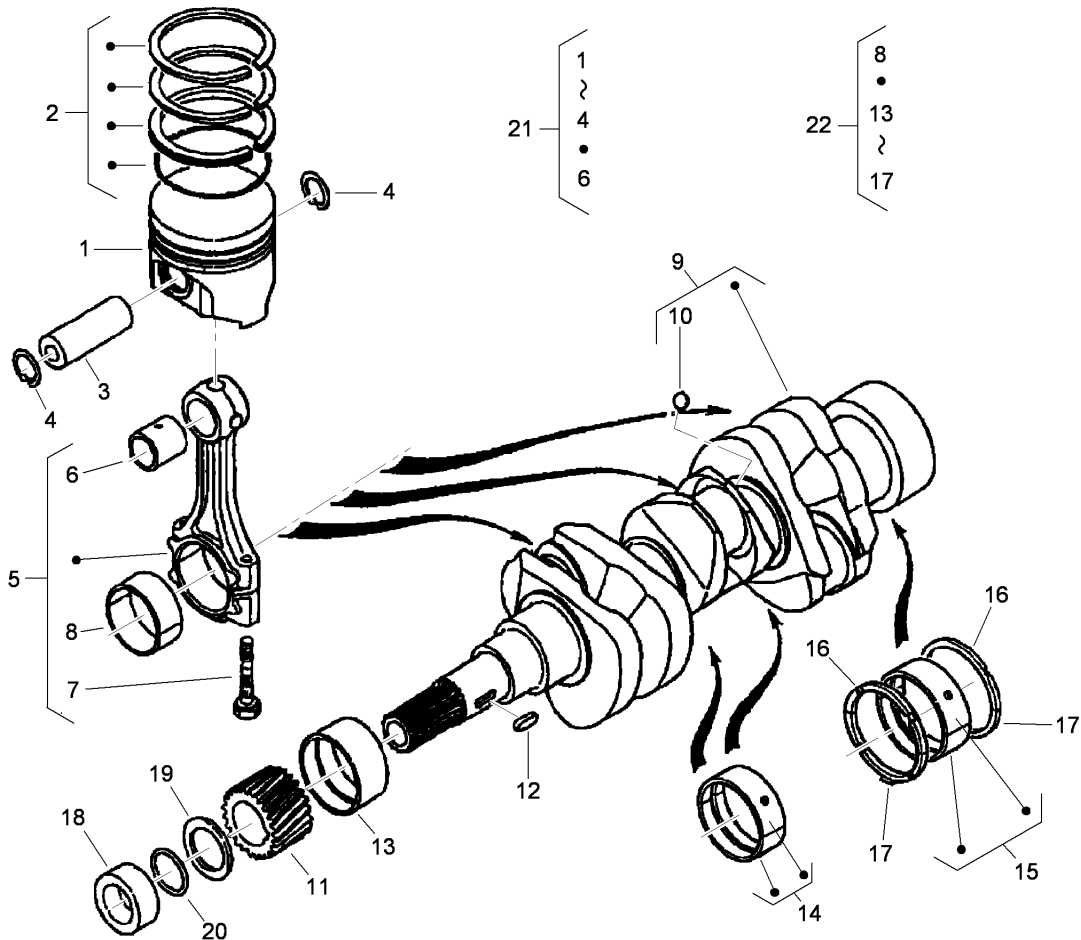
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
1	112-2494	1	Wheel Case Bearing ASM				
2	110-3723	6	Bolt-Case, Bearing				
3	117-0304	1	Gasket-Case, Bearing				
4	112-8334	1	Cover-Case, Bearing				
5	110-3724	1	Seal-Oil				
6	100-1876	1	Gasket-Case, Bearing				
7	98-7568	8	Bolt				
8	100-1750	8	Bolt				
9	112-2495	1	Main Case Bearing ASM				
10	112-2496	1	Main Case Bearing ASM				
11	100-1874	2	Bolt-Case, Bearing				
12	110-3744	1	Crankshaft Metal ASM (STD)				
12	110-3745	1	Crankshaft Metal ASM				
12	110-3746	1	Crankshaft Metal ASM				
14	110-3741	2	Crankshaft Metal ASM (STD)				
14	110-3742	2	Crankshaft Metal ASM				
14	110-3743	2	Crankshaft Metal ASM				



Cam Shaft and Idle Gear Assembly

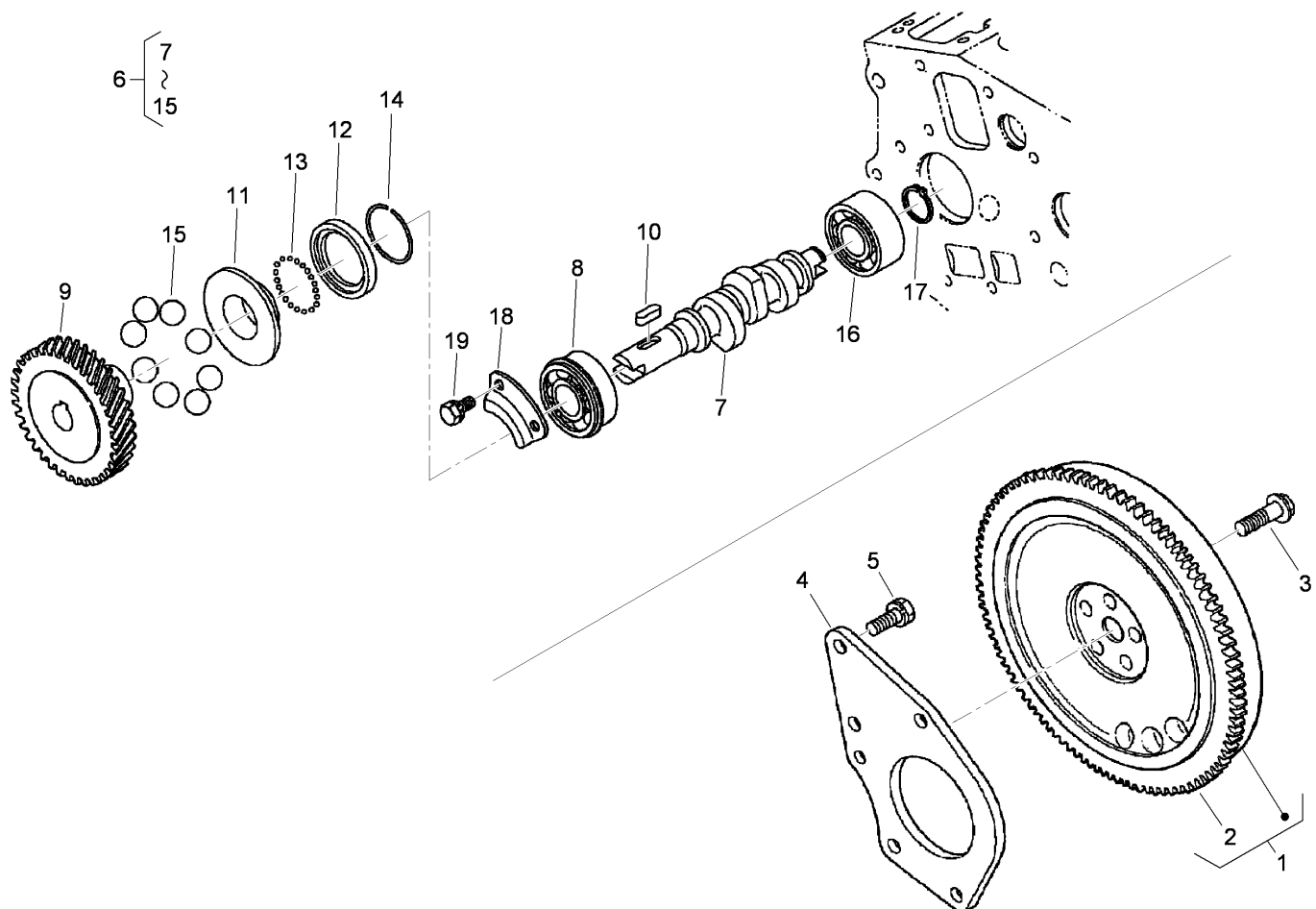
Ref	Part No.	Qty.	Description				
1	110-3727	6	Tappet				
2	100-1989	6	Rod-Push				
3	117-0305	1	Camshaft ASM				
4	110-3729	1	Ball				
5	100-2163	1	Gear-Cam				
6	98-9378	1	Key-Feather				
7	100-1887	1	Camshaft-Stopper				
8	98-9350	2	Bolt				
9	100-1966	1	Gear-Idle				
10	100-1968	1	Bushing				
11	100-1970	1	Collar-Gear, Idle				
12	100-1969	1	Ring-Snap				
13	100-1967	1	Shaft-Gear, Idle				
14	98-9351	1	Bolt				
15	100-2240	1	Idle Gear ASM				



Piston and Crankshaft Assembly

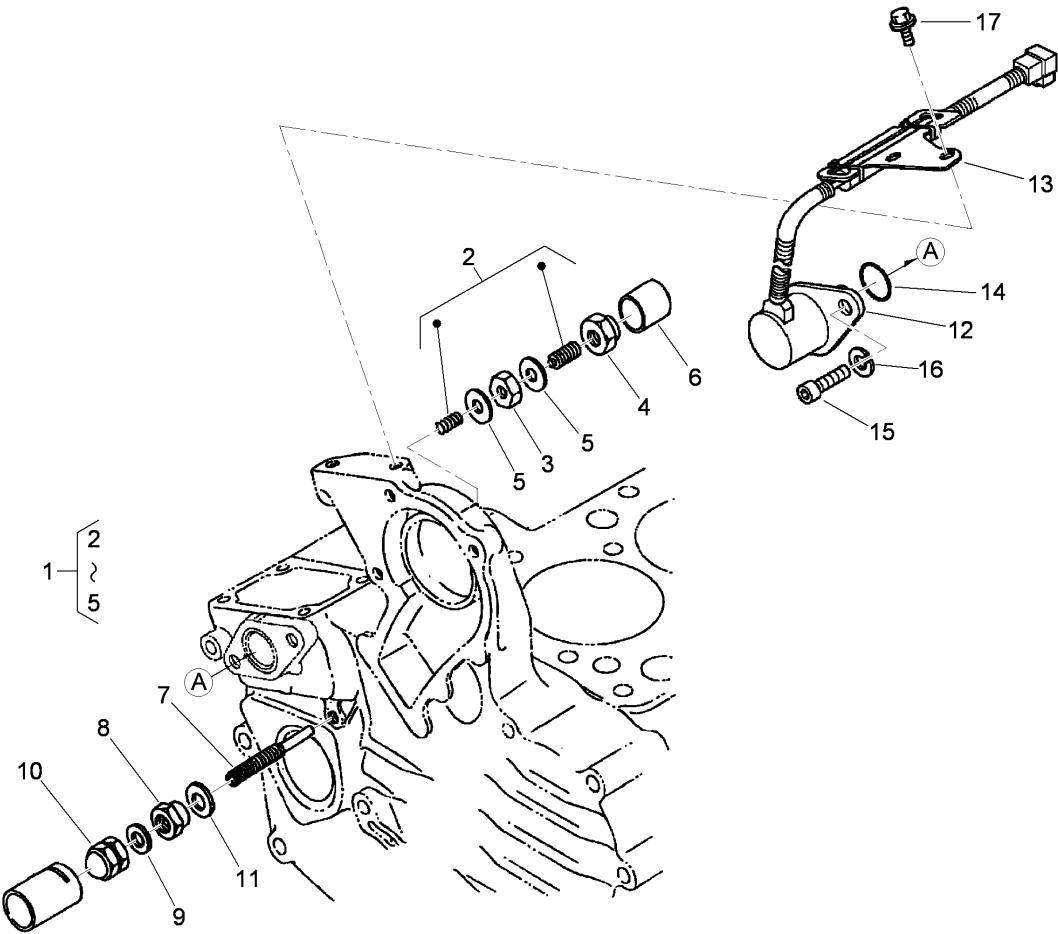
Ref	Part No.	Qty.	Description
1	117-0306	3	Piston
1	117-0307	3	Piston
2	112-2501	3	Piston Ring ASM
2	112-2502	3	Piston Ring ASM
3	110-3734	3	Pin-Piston
4	100-1835	6	Clip-Pin, Piston
5	110-3735	3	Connecting Rod ASM
6	110-3736	3	Bushing-Pin, Piston
7	100-1999	6	Bolt-Rod, Connecting
8	100-1942	3	Crankpin-Metal
8	100-1943	3	Crankpin-Metal
8	100-2000	3	Metal-Crankpin
9	117-0308	1	Crankshaft
10	100-1791	3	Ball
11	100-1891	1	Gear-Crankshaft
12	100-1752	1	Key-Feather
13	110-3738	1	Metal-Crankshaft
13	110-3739	1	Metal-Crankshaft
13	110-3740	1	Metal-Crankshaft
14	110-3741	1	Crankshaft Metal ASM (STD)
14	110-3742	1	Crankshaft Metal ASM
14	110-3743	1	Crankshaft Metal ASM
15	110-3744	1	Crankshaft Metal ASM (STD)
15	110-3745	1	Crankshaft Metal ASM

Ref	Part No.	Qty.	Description
15	110-3746	1	Crankshaft Metal ASM
16	100-1836	2	Metal-Side
16	100-1838	2	Metal-Side
16	100-1839	2	Metal-Side
17	117-0309	2	Metal, Side
17	117-0310	2	Metal, Side
17	117-0311	2	Metal, Side
18	100-1890	1	Collar-Crankshaft
19	100-1974	1	Slinger-Oil
20	100-2209	1	O-Ring
21	112-2497	3	Piston Kit
21	112-2498	3	Piston Kit
22	110-3749	1	Engine Metal Kit
22	110-3750	1	Engine Metal Kit
22	110-3751	1	Engine Metal Kit



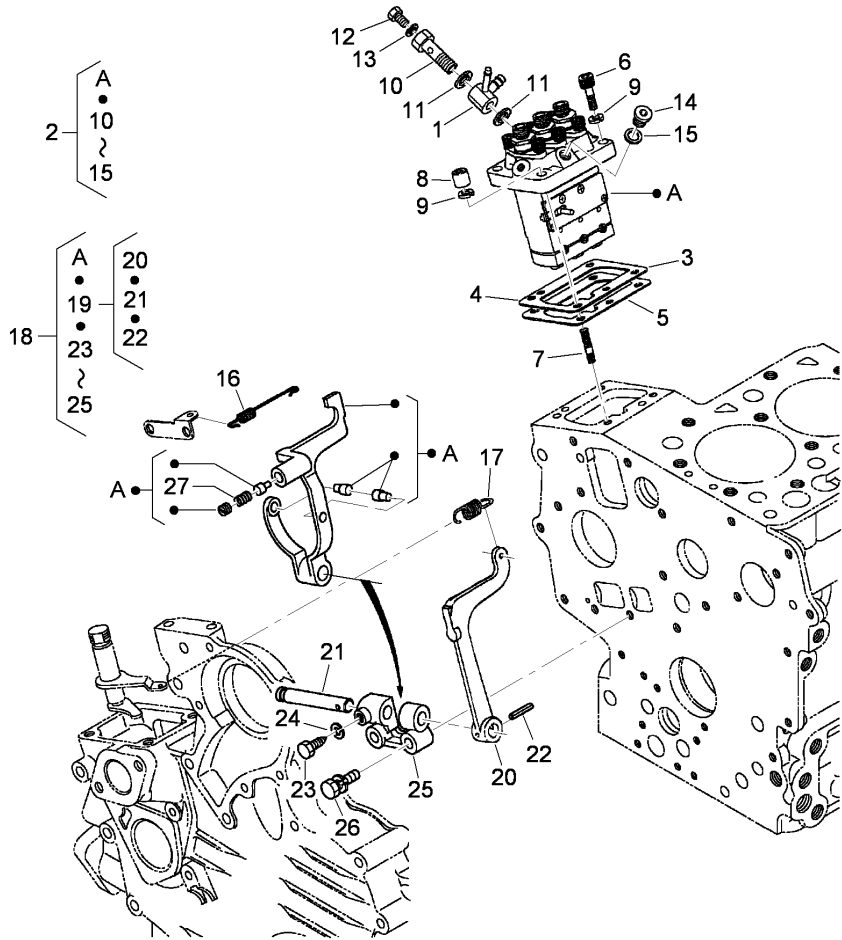
Flywheel and Fuel Camshaft Assembly

Ref	Part No.	Qty.	Description				
1	110-3752	1	Flywheel				
2	112-2816	1	Gear-Ring				
3	100-1930	5	Bolt-Flywheel				
4	117-0323	1	Plate-End, Rear				
5	110-3754	3	Bolt				
6	112-8335	1	Fuel Camshaft ASM				
7	110-3756	1	Camshaft-Fuel				
8	100-1795	1	Bearing-Ball				
9	100-2006	1	Gear-Pump, Injection				
10	100-1752	1	Key-Feather				
11	112-8336	1	Sleeve-Governor				
12	100-1904	1	Case-Ball, Governor				
13	100-1790	32	Ball				
14	100-1843	1	Clip-Sleeve, Governor				
15	100-1793	8	Ball				
16	110-3757	1	Bearing-Ball				
17	100-1784	1	Clip-External				
18	100-1888	1	Stopper-Fuel, Camshaft				
19	98-9350	2	Bolt				



Idle Apparatus and Stop Solenoid Assembly

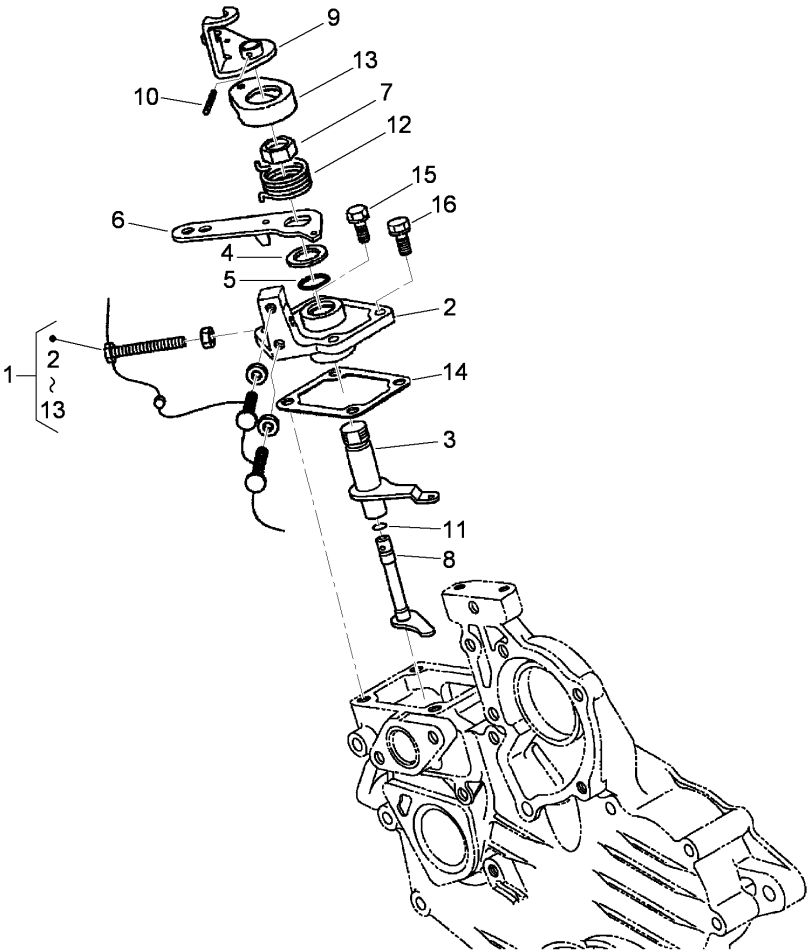
Ref	Part No.	Qty.	Description				
1	100-1898	1	Idle Apparatus ASM				
2	100-1899	1	Adjusting Bolt ASM				
3	100-1846	1	Nut				
4	100-1901	1	Nut-Cap				
5	98-7428	2	Gasket				
6	100-1902	1	Cap				
7	110-3758	1	Bolt-Adjusting				
8	100-2175	1	Nut-Lock				
9	98-7654	1	Gasket				
10	99-8387	1	Nut-Cap				
11	107-9081	1	Gasket				
12	110-3760	1	Solenoid-Stop				
13	110-3761	1	Stay-Commander, Coil				
14	110-3762	1	O-Ring				
15	110-3763	2	Bolt-HSH				
16	98-7699	2	Washer-Spring				
17	100-1774	2	Bolt-Flange				



Injection Pump and Governor Assembly

Ref	Part No.	Qty.	Description
1	110-3764	1	Joint
2	110-3765	1	Injection Pump ASM
3	98-9456	1	Shim-Injection (0.20Mm)
4	98-9457	1	Shim-Injection (0.25Mm)
5	98-9458	1	Shim-Injection (0.30Mm)
6	98-9361	2	Bolt-HSH
7	98-9438	2	Stud
8	98-9440	2	Nut-Cap
9	98-7699	4	Washer-Spring
10	100-1896	1	Screw-Hollow
11	98-9445	2	Gasket
12	98-9430	1	Screw
13	98-9446	1	Gasket
14	98-9466	1	Plug
15	98-9451	1	Gasket
16	110-3766	1	Spring-Start
17	110-3767	1	Spring-Governor
18	112-8337	1	Fork Lever ASM
19	100-1905	1	Fork Lever ASM
20	100-1907	1	Lever-Fork
21	100-1908	1	Shaft-Lever, Fork
22	100-1751	1	Pin-Spring
23	100-1845	1	Bolt
24	100-2204	1	Washer-Spring

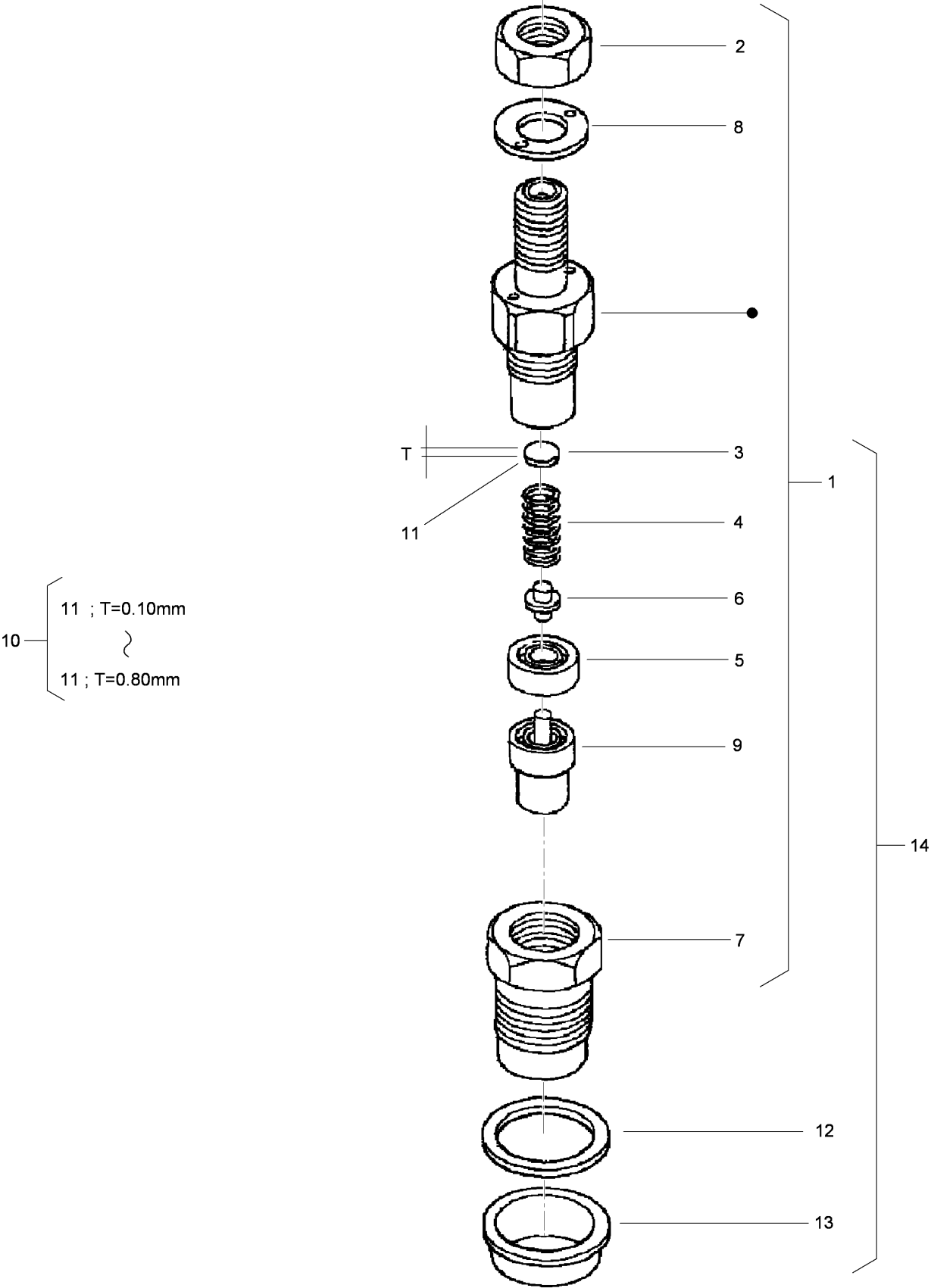
Ref	Part No.	Qty.	Description
25	100-1909	1	Holder-Lever, Fork
26	100-1763	2	Bolt
27	117-0313	1	Spring



Speed Control Plate Assembly

Ref	Part No.	Qty.	Description				
1	110-3769	1	Speed Control Plate ASM				
2	110-3770	1	Plate-Control, Speed				
3	110-3771	1	Lever-Governor				
4	110-3772	1	Collar				
5	100-2208	1	O-Ring				
6	110-3773	1	Lever-Control, Speed				
7	110-3774	1	Nut-Control, Speed				
8	110-3775	1	Shaft-Lever				
9	110-3776	1	Lever-Stop, Engine				
10	110-3777	1	Pin-Spring				
11	100-2207	1	O-Ring				
12	110-3778	1	Spring-Return				
13	110-3779	1	Cap				
14	100-1962	1	Gasket-Plate, Control				
15	98-7605	2	Bolt				
16	112-2507	2	Bolt				

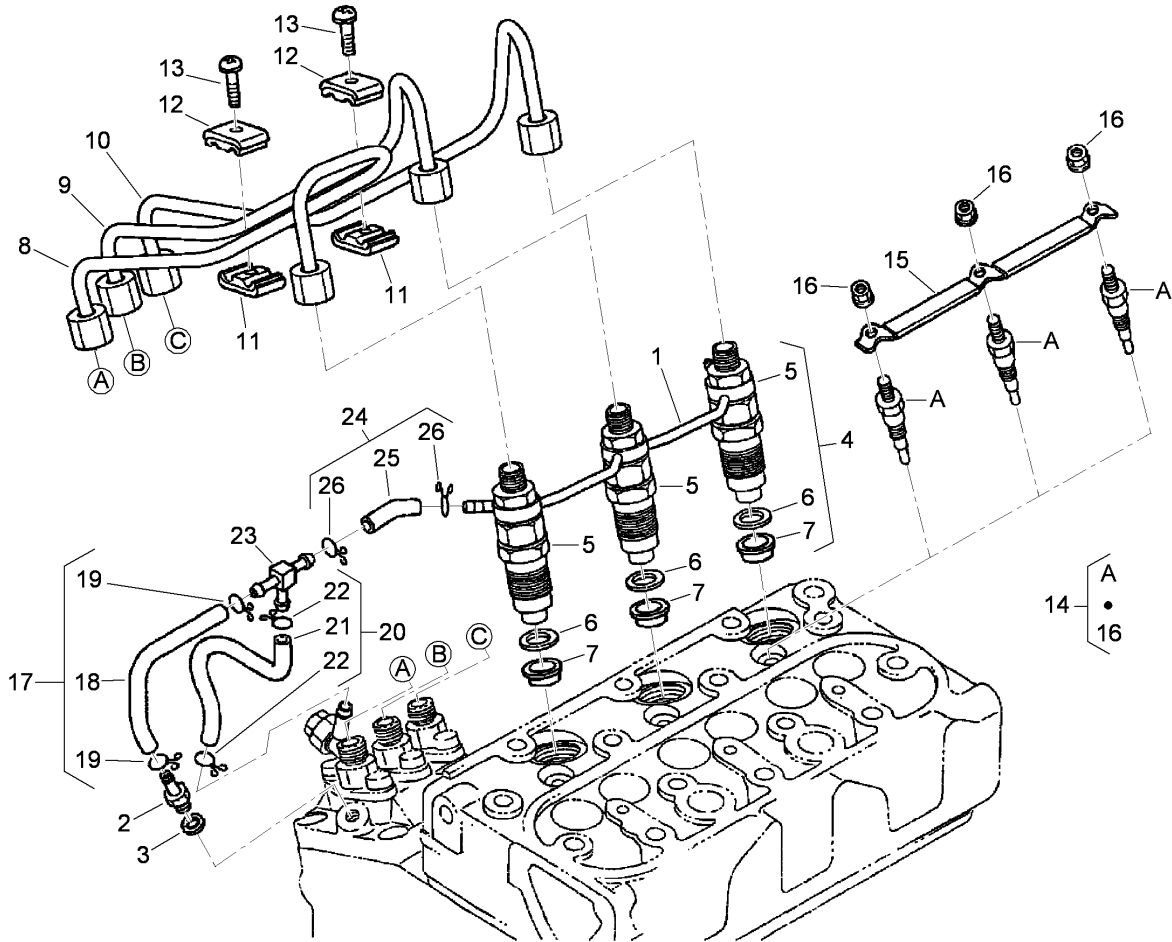
Nozzle Holder Assembly



Nozzle Holder Assembly

Ref	Part No.	Qty.	Description
1	100-1758	3	Nozzle Holder ASM
2	98-7613	3	Nut
3	98-7642	3	Washer-Adjusting
4	98-7647	3	Spring-Nozzle
5	98-7665	3	Spacer-Distance
6	98-7666	3	Rod-Push
7	100-2008	3	Nut-Nozzle
8	98-7668	3	Washer
9	100-2009	3	Piece-Nozzle
10	98-9448	3	Adjusting Washer ASM
11	98-7642	3	Washer-Adjusting
11	98-7841	3	Washer-Adjusting
11	98-7842	3	Washer-Adjusting
11	98-7843	3	Washer-Adjusting
11	98-7844	3	Washer-Adjusting
11	98-7845	3	Washer-Adjusting
11	98-7846	3	Washer-Adjusting
11	98-7847	3	Washer-Adjusting
11	98-7848	3	Washer-Adjusting
11	98-7849	3	Washer-Adjusting
11	98-7850	3	Washer-Adjusting
11	98-7851	3	Washer-Adjusting
11	98-7852	3	Washer-Adjusting
11	98-7853	3	Washer-Adjusting
11	98-7854	3	Washer-Adjusting
11	98-7855	3	Washer-Adjusting
11	98-7856	3	Washer-Adjusting
11	98-7857	3	Washer-Adjusting
11	98-7858	3	Washer-Adjusting
11	98-7859	3	Washer-Adjusting
11	98-7860	3	Washer-Adjusting
11	98-7861	3	Washer-Adjusting
11	98-7862	3	Washer-Adjusting
11	98-7863	3	Washer-Adjusting
11	98-7864	3	Washer-Adjusting
11	98-7865	3	Washer-Adjusting
11	98-7866	3	Washer-Adjusting
11	98-7867	3	Washer-Adjusting
11	98-7868	3	Washer-Adjusting
11	98-7869	3	Washer-Adjusting
11	98-7870	3	Washer-Adjusting
11	98-7871	3	Washer-Adjusting
11	98-7872	3	Washer-Adjusting
11	98-7873	3	Washer-Adjusting
11	98-7874	3	Washer-Adjusting
11	98-7875	3	Washer-Adjusting
11	98-7876	3	Washer-Adjusting
11	98-7877	3	Washer-Adjusting
11	98-7878	3	Washer-Adjusting
11	98-7879	3	Washer-Adjusting
11	98-7880	3	Washer-Adjusting
11	98-7881	3	Washer-Adjusting

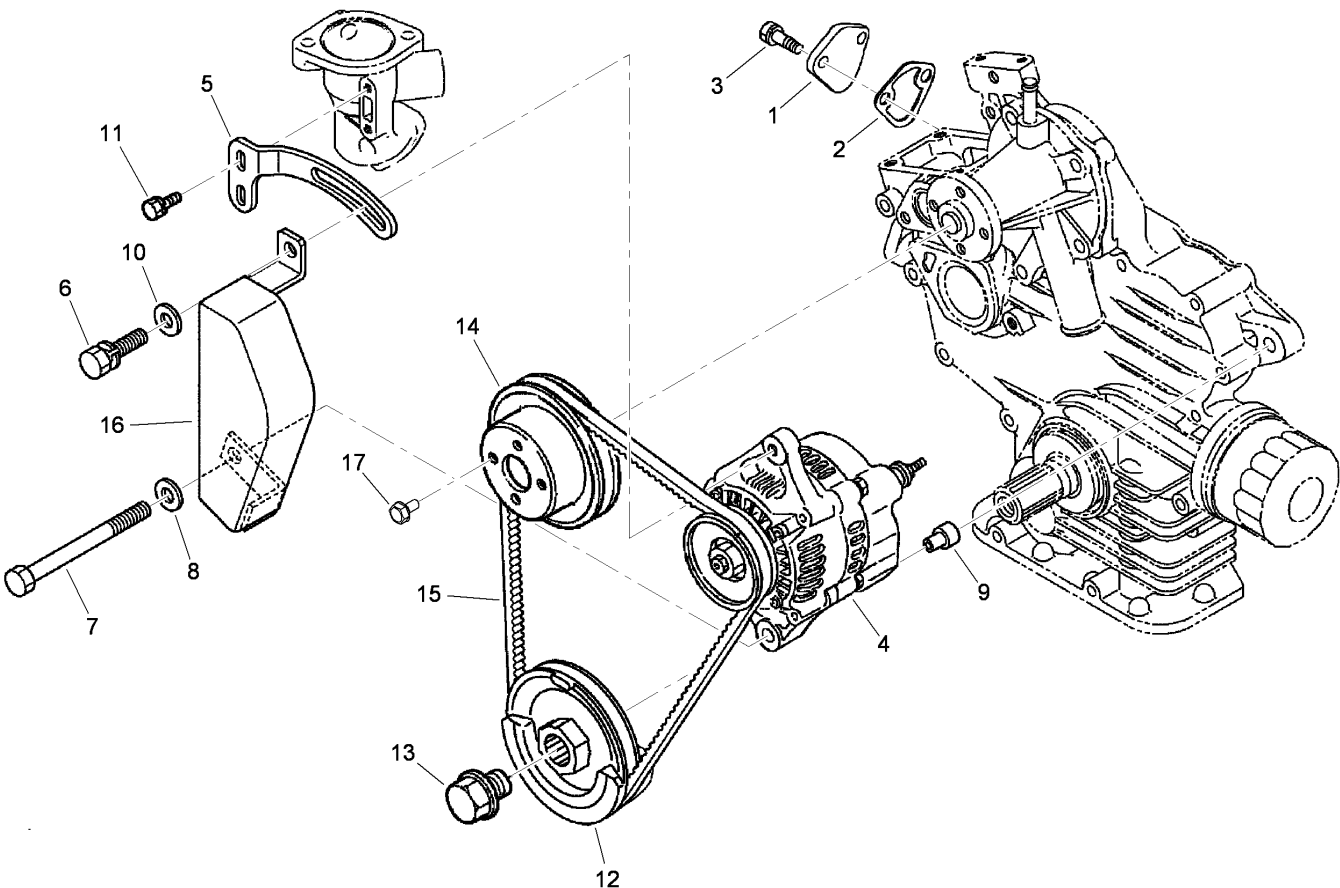
Ref	Part No.	Qty.	Description
11	98-7882	3	Washer-Adjusting
12	98-7676	3	Gasket
13	98-7677	3	Seal-Heat
14	100-1982	3	Nozzle Holder Kit



Nozzle Holder and Glow Plug Assembly

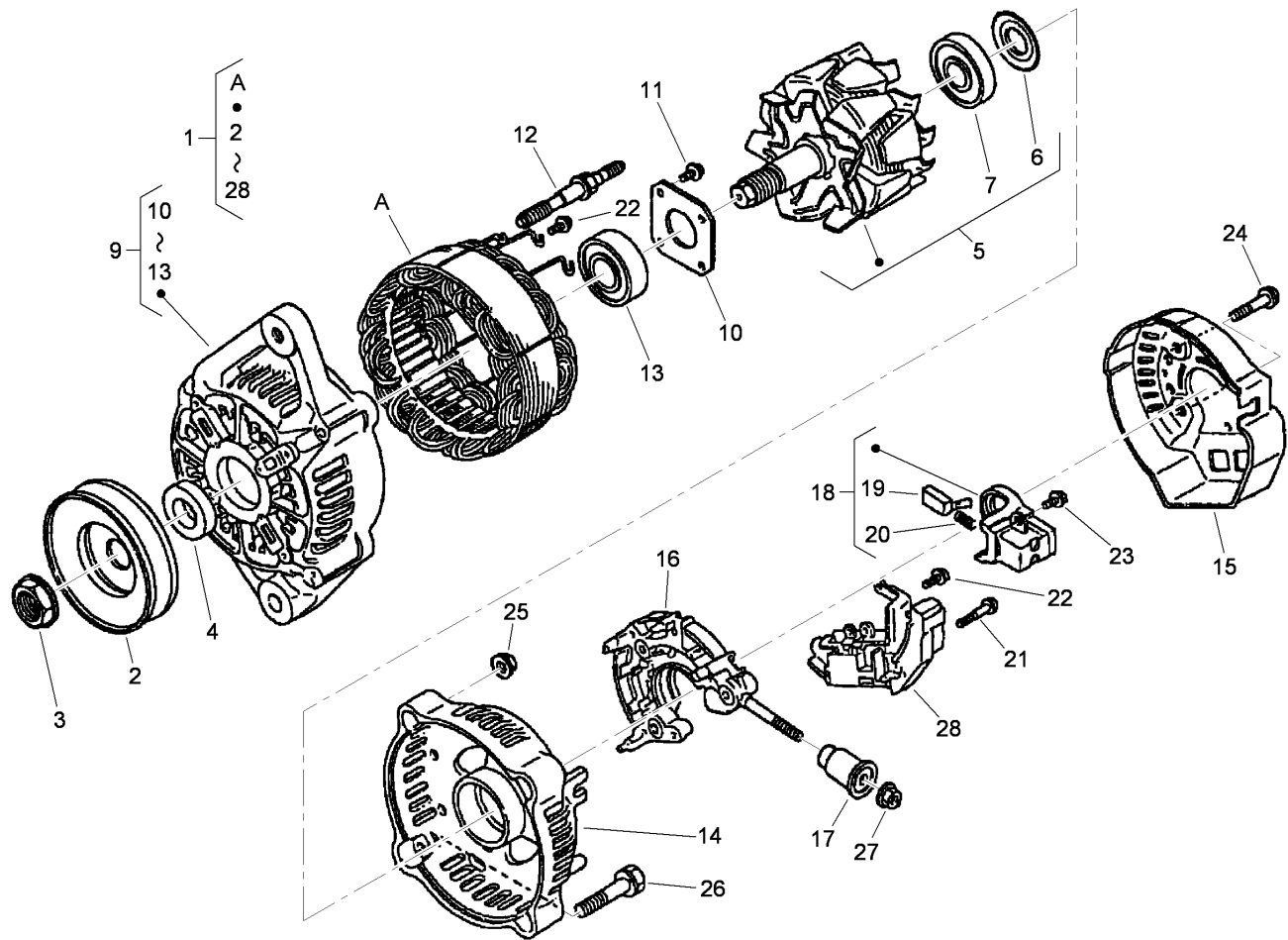
Ref	Part No.	Qty.	Description
1	110-3780	1	Over Flow Pipe ASM
2	98-9431	1	Screw-Bleeder, Air
3	98-7654	1	Gasket
4	100-1982	3	Nozzle Holder Kit
5	100-1758	3	Nozzle Holder ASM
6	98-7676	3	Gasket
7	98-7677	3	Seal-Heat
8	110-3781	1	Pipe-Injection
9	110-3782	1	Pipe-Injection
10	110-3783	1	Pipe-Injection
11	98-7682	2	Clamp-Pipe
12	98-7683	2	Clamp-Pipe
13	98-7684	2	Screw (W/Washer)
14	98-7685	3	Plug-Glow
15	110-3784	1	Cord-Plug, Glow
16	99-8377	3	Nut-Flange
17	110-3785	1	Fuel Tube ASM
18	110-3786	1	Tube-Fuel
19	98-7671	4	Clip-Pipe
20	110-3787	1	Fuel Tube ASM
21	110-3788	1	Tube-Fuel
22	98-7671	2	Clip-Pipe
23	112-8338	1	Pipe-Joint, T
24	110-3790	1	Fuel Tube ASM

Ref	Part No.	Qty.	Description
25	110-3791	1	Tube-Fuel
26	100-2217	2	Clip-Pipe



Alternator, Pulley and Fuel Pump Cover Assembly

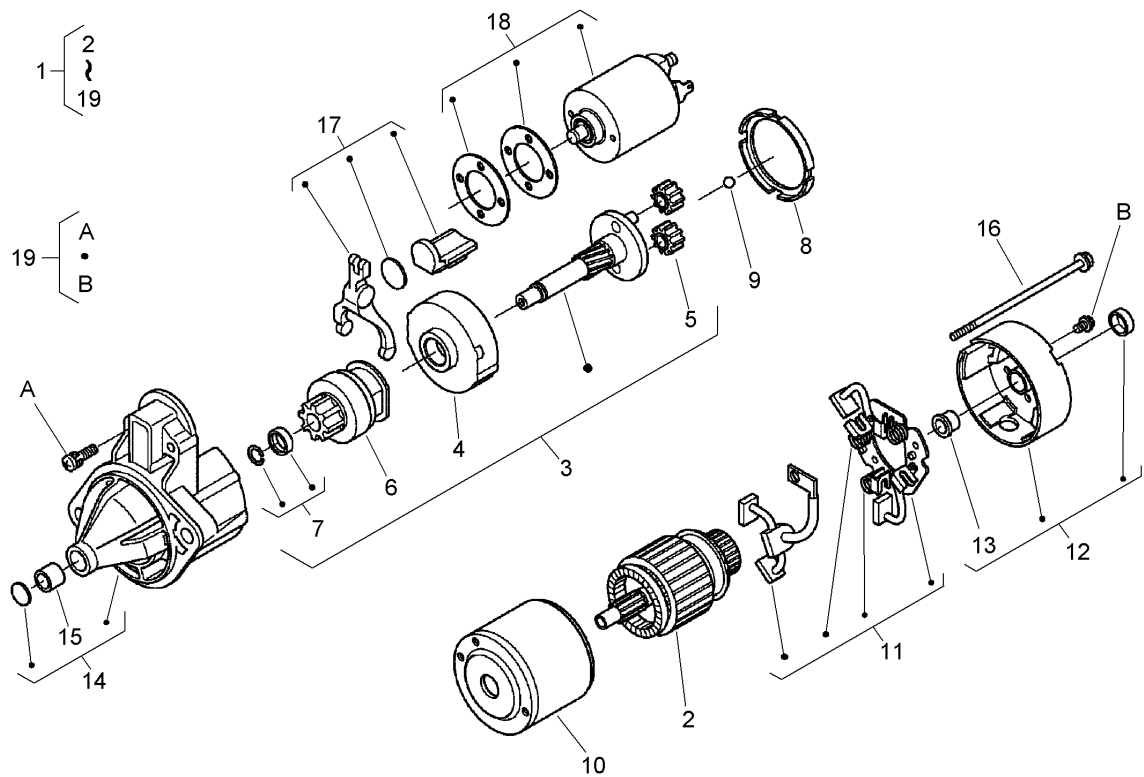
Ref	Part No.	Qty.	Description				
1	99-3514	1	Cover				
2	98-9636	1	Gasket-Pump, Fuel				
3	98-7692	2	Bolt				
4	112-8350	1	Alternator (12V-60Amp)				
5	117-0314	1	Stay-Alternator				
6	98-7697	1	Bolt				
7	110-3793	1	Bolt				
8	98-7660	1	Washer-Plain				
9	110-3794	1	Collar				
10	100-9233	1	Washer-Plain				
11	98-7605	2	Bolt				
12	112-8339	1	Pulley-Drive, Fan				
13	100-1978	1	Bolt				
14	100-1921	1	Pulley-Fan				
15	112-8353	1	Belt-Fan (35.5 In)				
16	117-0315	1	Cover-Alternator				
17	99-8363	4	Bolt-Flange				



Alternator Components Assembly

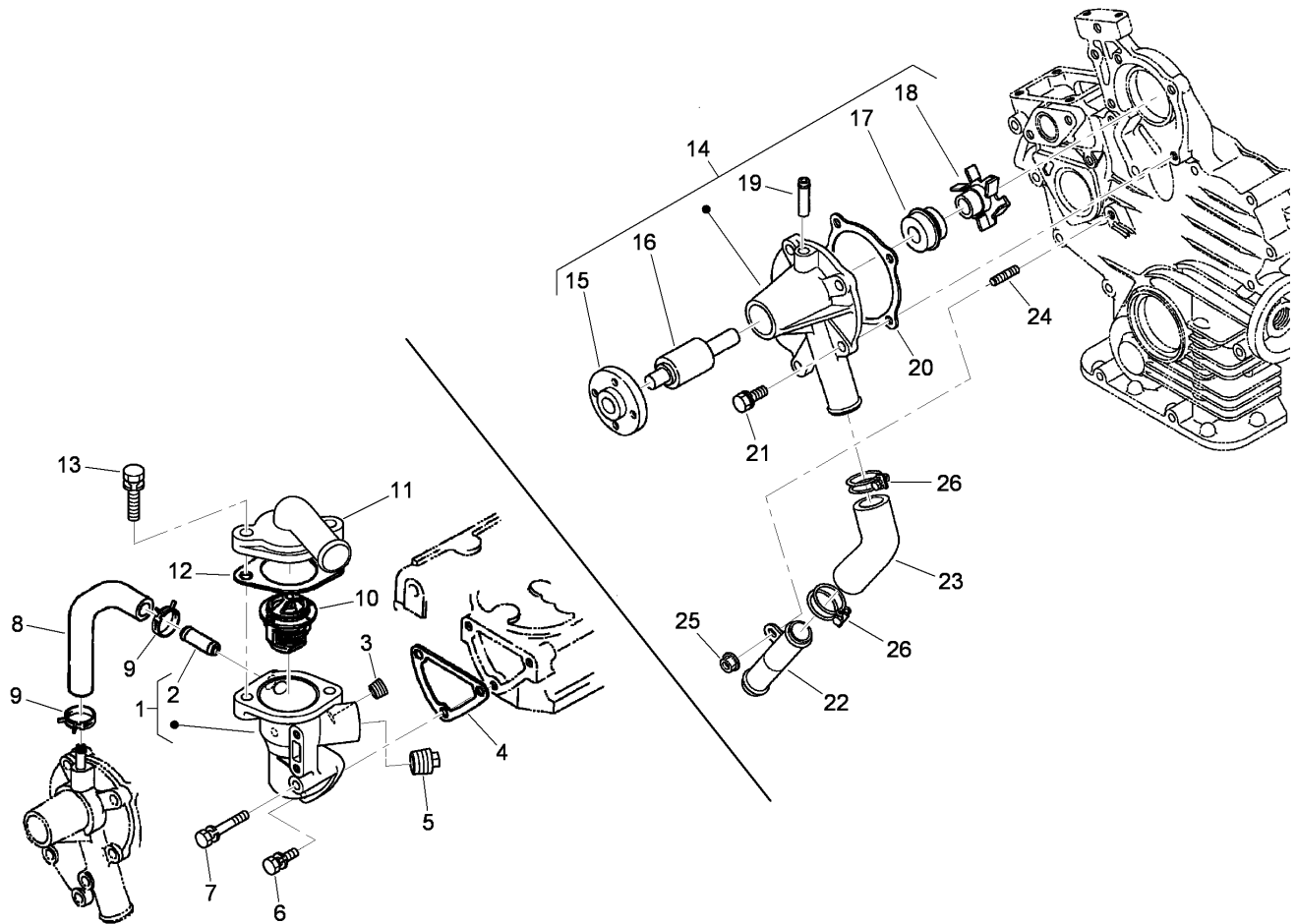
Ref	Part No.	Qty.	Description
1	112-8350	1	Alternator (12V-60Amp)
2	98-9453	1	Pulley-Dynamo
3	98-7708	1	Nut
4	98-7709	1	Collar
5	117-0317	1	Rotor
6	98-7711	1	Cover-Bearing
7	107-0138	1	Bearing-Ball
9	117-0316	1	Frame-End, Drive
10	98-7715	1	Plate-Retainer
11	98-7716	4	Screw-Head, Round
12	98-7717	2	Bolt-Through
13	107-0137	1	Bearing-Ball
14	117-0318	1	Frame-End
15	117-0320	1	Cover-End
16	117-0322	1	Holder
17	117-0321	1	Insulation-Brush
18	107-0141	1	Brush Holder ASM
19	98-7724	2	Brush
20	98-7725	2	Spring-Brush
21	98-7726	2	Screw-Head, Round
22	98-7727	6	Screw-Head, Round
23	98-7728	1	Screw-Head, Round
24	98-7729	3	Bolt
25	98-7730	2	Nut

Ref	Part No.	Qty.	Description
26	98-7731	2	Bolt
27	98-7732	1	Nut
28	117-0319	1	Regulator ASM



Starter Assembly

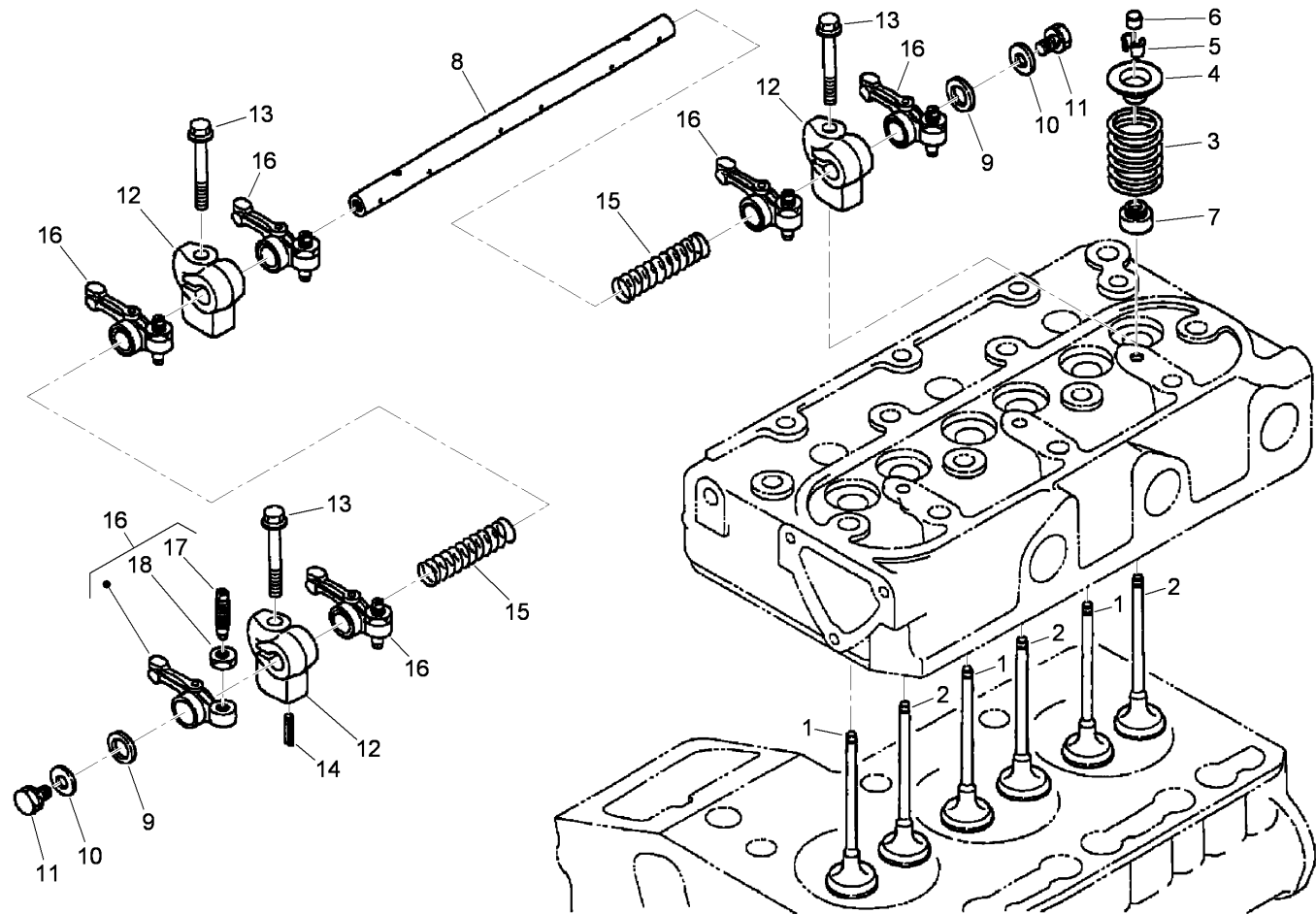
Ref	Part No.	Qty.	Description				
1	110-3800	1	Starter ASM				
2	110-3801	1	Armature				
3	110-3802	1	Shaft ASM				
4	110-3803	1	Gear-Internal				
5	110-3804	3	Gear-Planetary				
6	110-3805	1	Clutch-Running, Over				
7	110-3806	1	Stopper				
8	110-3807	1	Gasket				
9	110-3808	1	Ball				
10	110-3809	1	Yoke				
11	110-3810	1	Brush Holder ASM				
12	110-3811	1	Rear Bracket ASM				
13	110-3812	1	Bushing				
14	110-3813	1	Front Bracket ASM				
15	110-3814	1	Bushing				
16	110-3815	2	Bolt				
17	110-3816	1	Lever-Fork				
18	110-3817	1	Switch-Magnetic				
19	110-3818	1	Screw-Head, Pan				



Water Flange and Thermostat Assembly

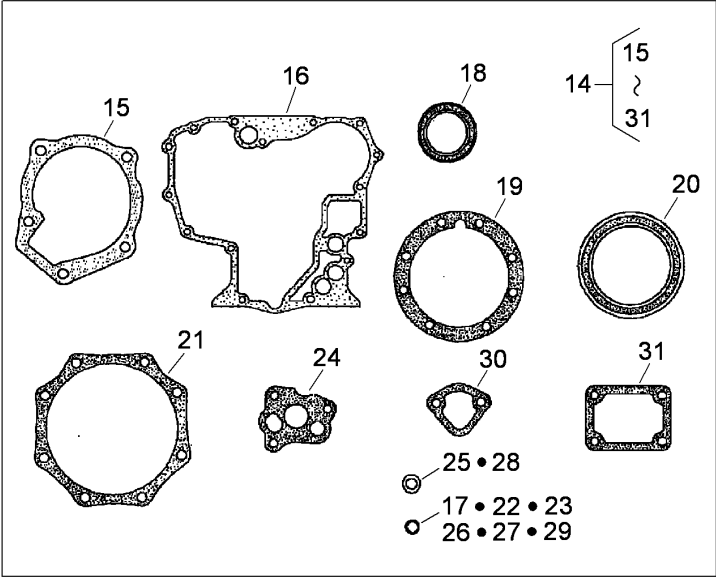
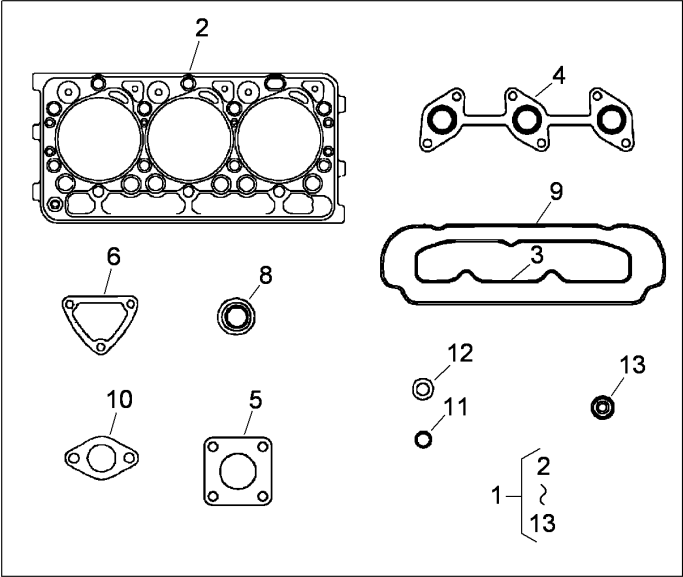
Ref	Part No.	Qty.	Description
1	110-3819	1	Flange-Water
2	98-9580	1	Pipe-Return, Water
3	98-9444	1	Plug
4	110-3820	1	Gasket-Flange, Water
5	110-3821	1	Plug
6	98-7692	2	Bolt
7	105-3797	1	Bolt
8	110-3822	1	Pipe-Return, Water
9	98-9579	2	Band-Pipe
10	98-7778	1	Thermostat ASM
11	110-3823	1	Cover-Thermostat
12	105-3748	1	Gasket-Thermostat
13	98-7777	2	Bolt
14	110-3824	1	Water Pump ASM
15	100-1933	1	Flange-Pump, Water
16	100-1934	1	Bearing-Ball
17	99-3518	1	Water Pump Seal ASM
18	110-3825	1	Impeller-Pump, Water
19	100-1932	1	Pipe-Return, Water
20	110-3826	1	Gasket-Pump, Water
21	100-1750	4	Bolt
22	100-1918	1	Pipe-Water
23	110-3827	1	Pipe-Water
24	100-1924	1	Stud

Ref	Part No.	Qty.	Description
25	100-2203	1	Nut-Flange
26	110-3828	2	Band-Pipe



Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
1	112-2514	3	Valve-Inlet				
2	112-2515	3	Valve-Exhaust				
3	100-1823	6	Spring-Valve				
4	100-1825	6	Retainer-Spring, Valve				
5	100-1826	6	Collet-Spring, Valve				
6	100-2155	6	Cap-Valve				
7	100-1797	6	Seal-Stem, Valve				
8	112-8341	1	Shaft-Arm, Rocker				
9	100-2044	2	Washer				
10	110-3832	2	Washer-Plain				
11	100-1762	2	Bolt				
12	110-3833	3	Bracket-Arm, Rocker				
13	110-3834	3	Bolt-Flange				
14	98-7602	1	Pin-Spring				
15	112-8342	2	Spring				
16	100-1884	6	Rocker Arm ASM				
17	100-1885	6	Screw-Adjusting				
18	100-1827	6	Nut				



Upper and Lower Gasket Kits

Ref	Part No.	Qty.	Description
1	112-2518	1	Upper Gasket Kit
2	112-2520	1	Gasket-Head, Cylinder
3	110-3838	1	Gasket-Manifold, Intake
4	110-3840	1	Gasket-Manifold, Exhaust
5	99-8343	1	Gasket-Muffler
6	110-3820	1	Gasket-Flange, Water
8	100-1797	6	Seal-Stem, Valve
9	112-2521	1	Gasket-Cover, Head
10	105-3748	1	Gasket-Thermostat
11	99-3446	1	O-Ring
12	98-7676	3	Gasket
13	98-7677	3	Seal-Heat
14	117-0324	1	Lower Gasket Kit
15	100-1976	1	Gasket-Pump, Water
16	110-3707	1	Case-Gear
17	110-3762	1	O-Ring
18	100-1971	1	Seal-Oil
19	117-0304	1	Gasket-Case, Bearing
20	110-3724	1	Seal-Oil
21	100-1876	1	Gasket-Case, Bearing
22	100-2206	3	O-Ring
23	100-2209	1	O-Ring
24	100-2003	3	Gasket-Pump, Oil
25	98-7654	3	Gasket

Ref	Part No.	Qty.	Description
26	100-2208	1	O-Ring
27	100-2207	1	O-Ring
28	110-9715	3	Gasket-Pan, Oil
29	105-3776	1	O-Ring
30	98-9636	1	Gasket-Pump, Fuel
31	100-1962	1	Gasket-Plate, Control

Attachments and Accessories

For 74267CP - Z580-D Z Master, With 60in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Blade-Mid Flow, 20.5 Inch	105-7715-03
Blade-Lo Flow, 20.5 Inch	105-7716-03
Blade-Hi Flow, 20.5 Inch	105-7718-03
Blade-Recycler, 20.5 Inch	105-7777-03
Blade-Atomic, 20.5 Inch	105-8777-03
Recycler Kit	107-1611
Striping Kit	107-1630
Turbo Baffle Kit	107-1634
Light Kit	107-9880
6 Pack Blade, 20.5 Inch Hi-Flow	108-1114
6 Pack-Blade, 20.5 Inch Atomic	108-1115
6 Pack Blade, 20.5 Inch Mid-Flow	108-1123
6 Pack-Blade, 20.5 Inch Lo Flow	108-1128
Roller Striping Kit	108-2162
6 Pack-Blade, 20.5 Inch Recycler	110-0405
Cool Top ROPS Mounted Fan	110-1996
Bimini Folding Shade Assembly	115-4510
Chute Gate Kit	78521
Triple Bag Assembly	78534
Blower and Drive Kit	78538
DFS E-Z Vac Bagger	78544
Filter Minder Gauge	99-4664
Hitch Kit	99-8925

NOTES

NOTES

