



Z593-D Z Master[®]

With 152cm TURBO FORCE[®] Side Discharge Mower

Model No. 74265TE - 270000001 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.

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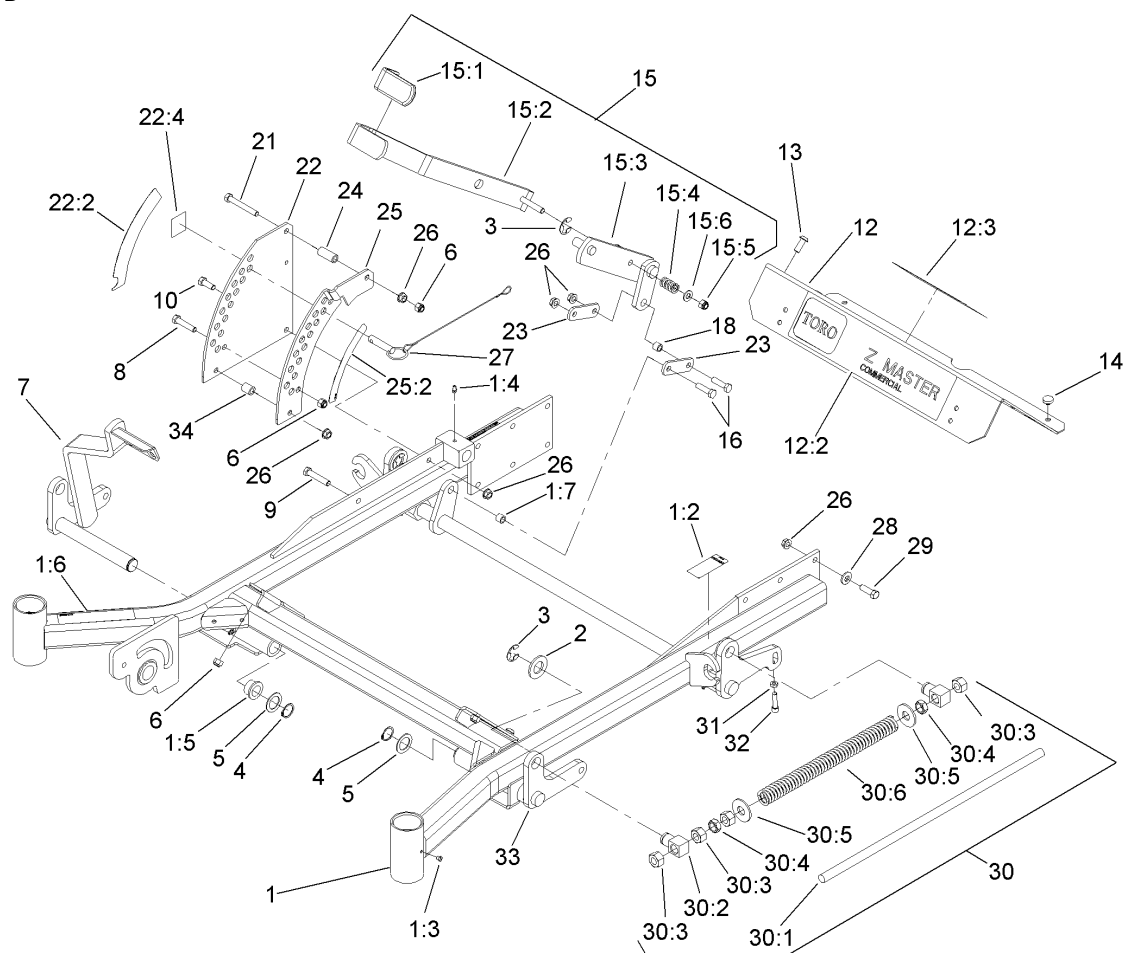
Part Description Abbreviations

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



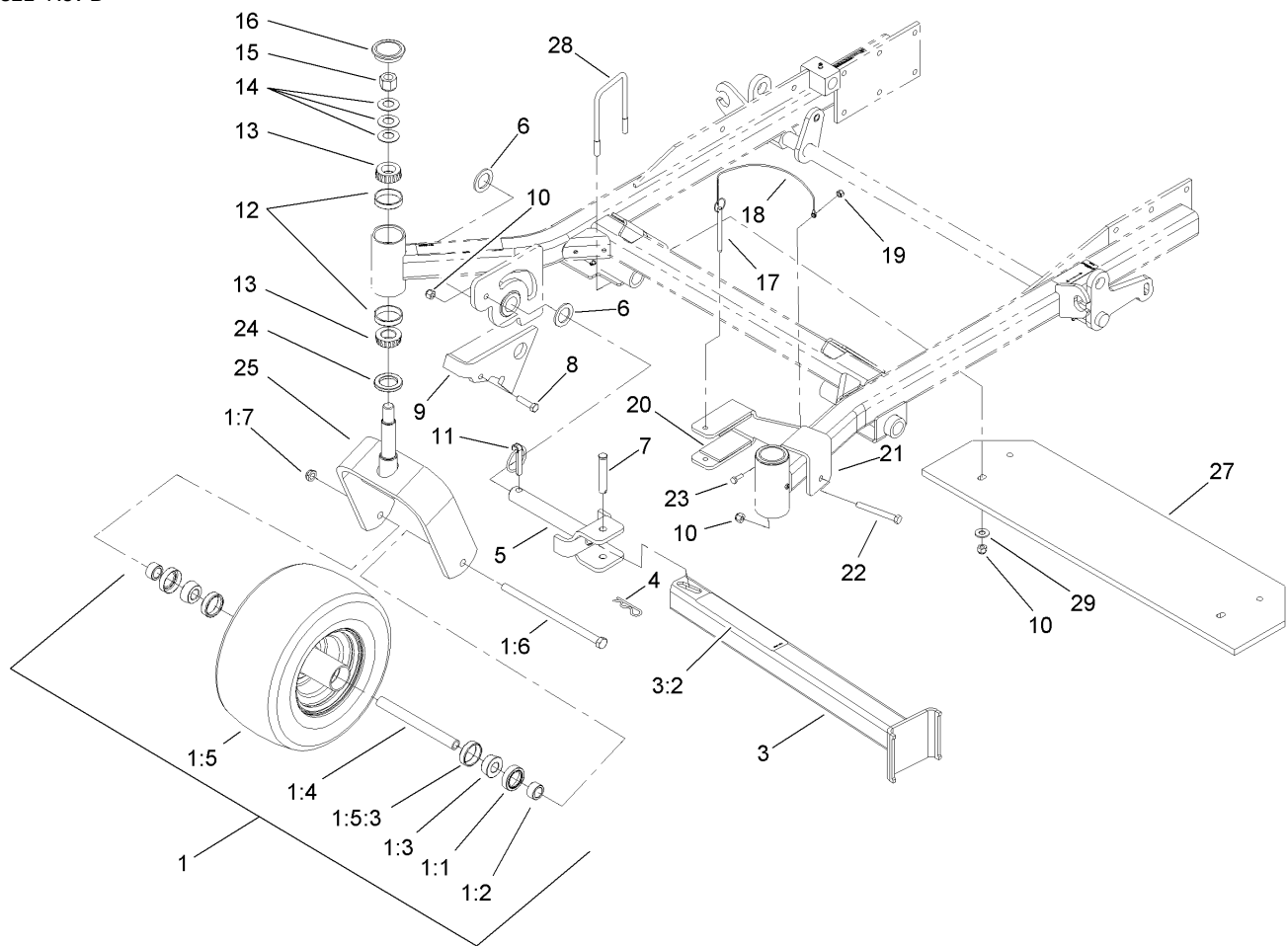
Front Frame Assembly

Ref	Part No.	Qty.	Description
1	107-3980	1	Frame ASM
1:2	107-3968	1	Decal-Brake, Parking
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:5	94-1291	2	Bushing
1:6	107-3969	1	Decal-Warning
1:7	103-1918	1	Bushing
2	3256-29	4	Washer-Flat
3	32151-103	5	Ring-Snap
4	32151-29	2	Ring-Retaining
5	1-523157	2	Washer-Spacer
6	3296-39	6	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	107-3976	1	Footrest
12:2	106-7451	1	Decal
12:3	107-1866	1	Decal-Danger, Slope
13	3274-94	4	Screw-HSBH
14	1-513658	2	Bumper
15	110-5860	1	Deck Lift Handle ASM
15:1	1-633295	1	Grip-Lever, Lift
15:2	103-2083	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	323-13	1	Screw-HH
22	110-0835	1	Plate-Deck Lift, Outer (Ce)
22:2	107-3961	1	Decal-Deck Height, Large
22:4	105-4674	1	Decal-Noise
23	1-633068	2	Arm-Lift, Deck
24	1-633082	1	Bushing-Lever, Lift
25	110-0836	1	Plate-Deck Lift, Inner (Ce)
25:2	107-3962	1	Decal-Deck Height, Small
26	3290-357	17	Nut-HHF, Whiz
27	106-9951	1	Hitch Pin ASM
28	98-5975	12	Washer-Belleville
29	323-7	12	Screw-HH
30		2	Front Frame Spring ASM
30:1	1-633096	1	Rod-Lift, Deck
30:2	1-633441	2	Swivel-Deck Mount, Rear
30:3	3217-11	4	Nut-Hex
30:4	3218-6	2	Nut-Jam
30:5	3256-7	2	Washer-Flat



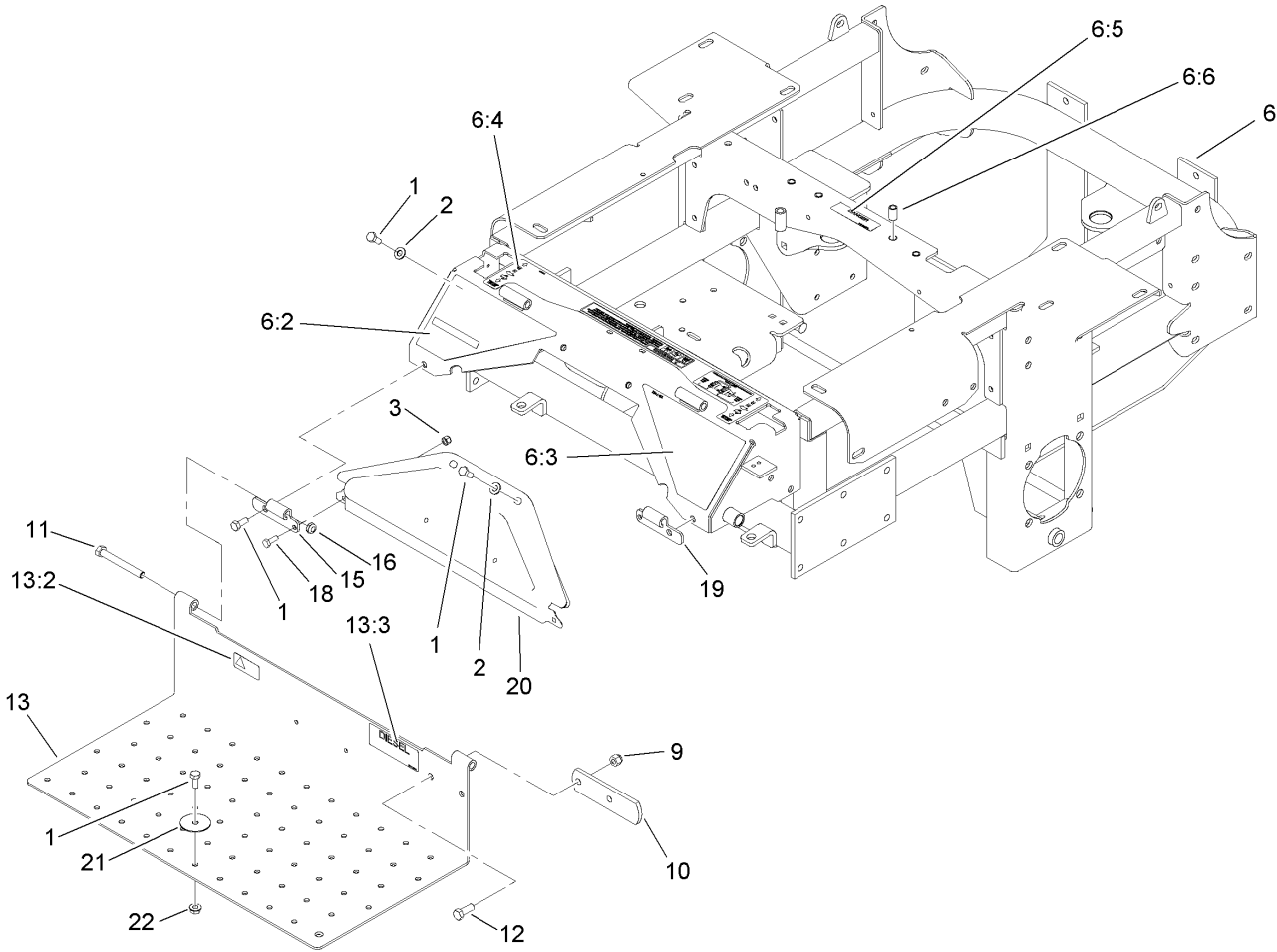
Ref	Part No.	Qty.	Description
30:6	1-633064	1	Spring-Support, Deck
31	3218-2	2	Nut-Jam
32	3274-18	2	Screw-HSH
33	106-8984-01	1	LH Deck Lift ASM
34	1-633080	1	Bushing-Lever, Lift



Caster Wheel Assembly

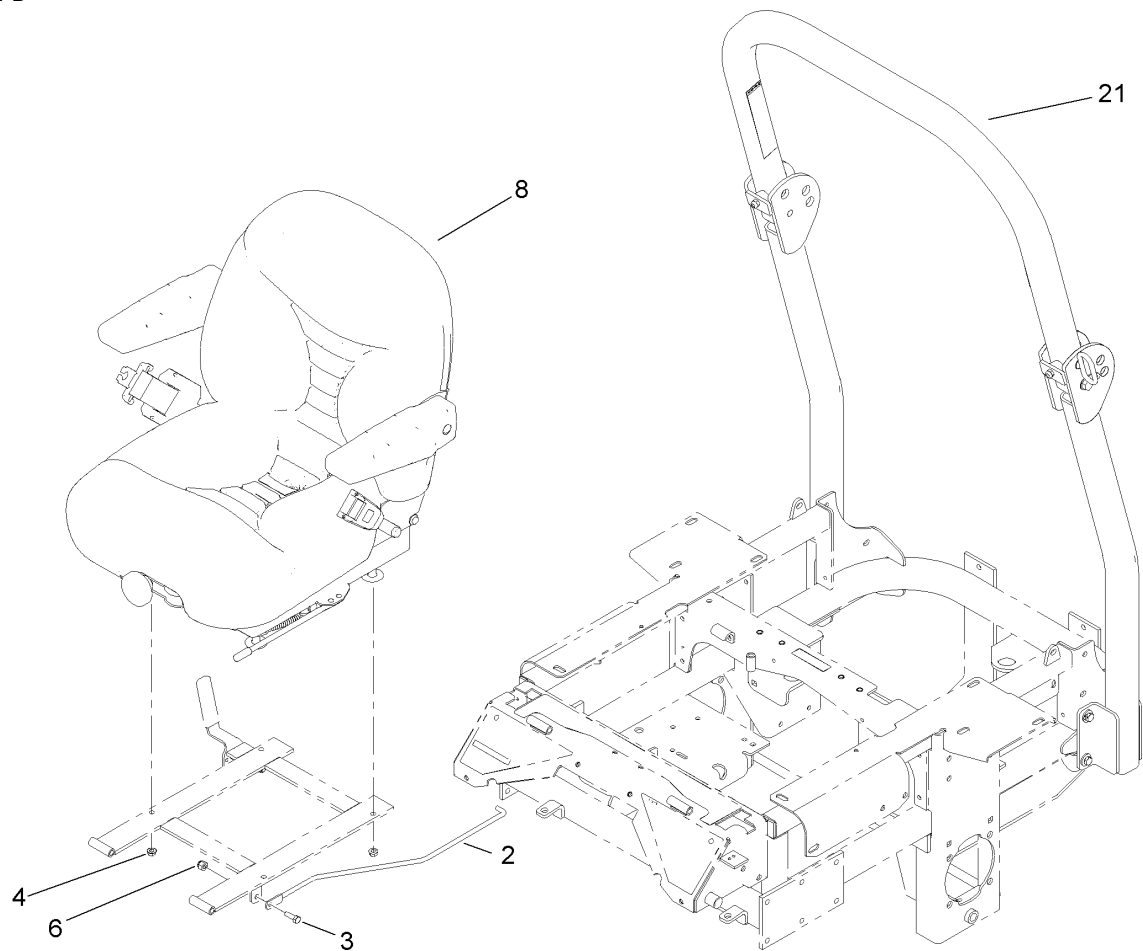
Ref	Part No.	Qty.	Description
1	110-5746	2	Castor Wheel ASM
1:1	1-633580	2	Seal-Bearing
1:2	1-633581	2	Spacer-Bearing
1:3	1-633585	2	Bearing-Cone, Taper
1:4	1-633959	1	Spacer-Caster, Front
1:5	110-5744	1	Wheel And Tire ASM (Semi-Pneumatic)
1:5:3	1-633584	1	Bearing-Cup
1:6	325-24	1	Screw-HH
1:7	3296-45	1	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	6	Nut-Lock, NI
11	283-71	1	Pin-Lynch
12	254-72	4	Bearing-Cup, Tapered
13	254-94	4	Bearing-Cone, Tapered
14	1-633508	6	Washer-Bellville
15	3296-51	2	Nut-Lock, NI

Ref	Part No.	Qty.	Description
16	103-4882	2	Cap-Grease
17	105-1647	1	Pin-Hitch, Cotterless
18	100-9385	1	Lanyard-Nylon
19	3296-42	1	Nut-Lock, NI
20	100-6547	2	Cushion-Rubber
21	100-6542-01	1	Bracket-Cradle
22	323-20	1	Screw-HH
23	321-4	1	Screw-HH
24	1-543511	2	Seal-Grease
25	103-1474-01	2	Fork-Caster
27	107-9854-01	1	Bar-Weight
28	110-0817	2	U-Bolt, 3 Inch
29	3256-4	4	Washer-Flat



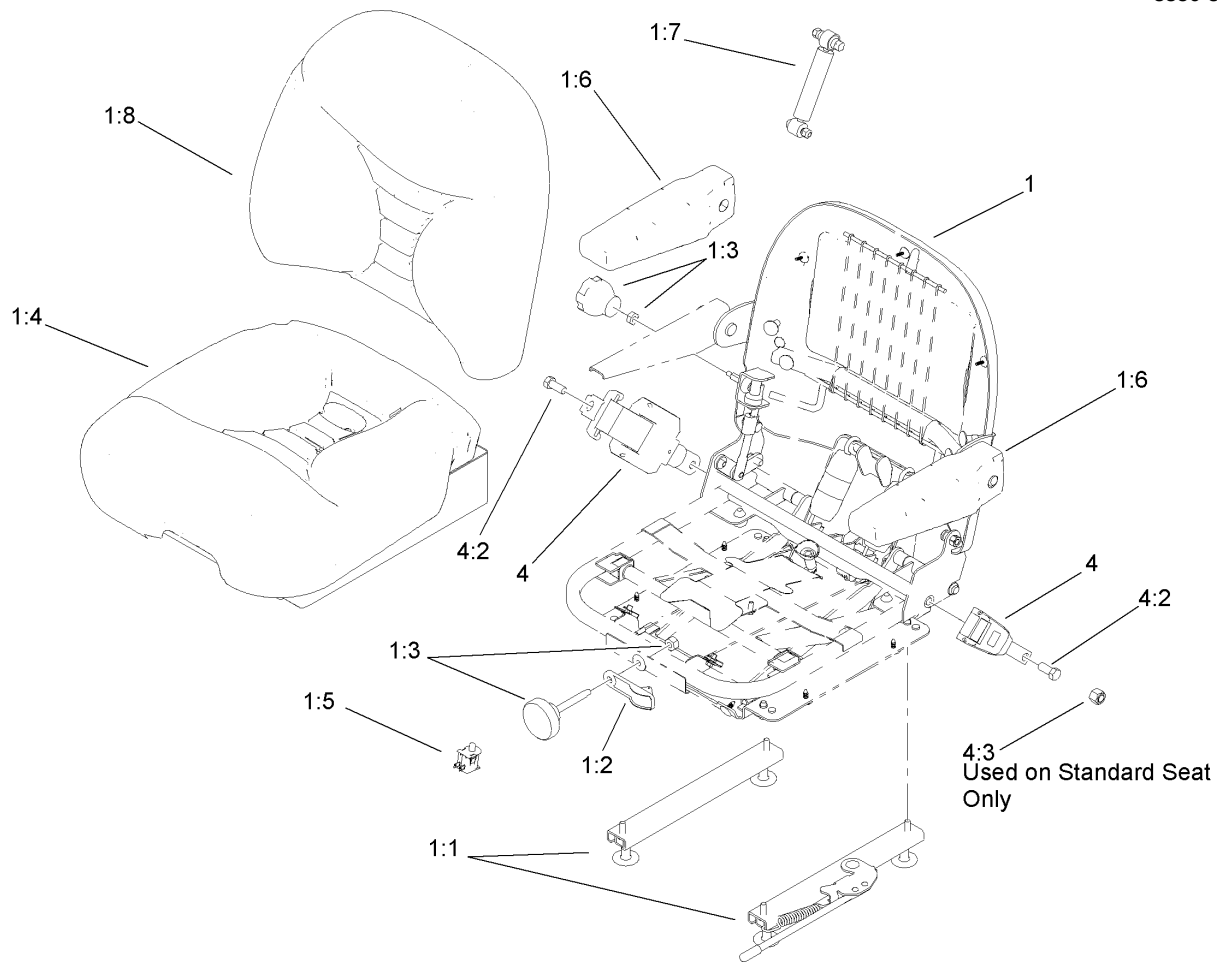
Traction Frame and Floor Pan Assembly

Ref	Part No.	Qty.	Description				
1	322-43	7	Screw-HH				
2	3256-70	4	Washer-Flat				
3	3296-42	2	Nut-Lock, NI				
6	112-2361	1	Traction Frame ASM				
6:2	107-3963	1	Decal-Danger, Left				
6:3	107-3964	1	Decal-Warning, Right				
6:4	110-0820	1	Decal-Console, Top (Ce)				
6:5	98-1977	2	Decal-Warning				
6:6	32148-11	5	Insert-Threaded				
9	3296-39	2	Nut-Lock, NI				
10	1-633964-03	1	Stop-Brake, Park				
11	323-20	2	Screw-HH				
12	323-6	2	Screw-HH				
13	110-3857	1	Floor Pan ASM				
13:2	98-4387	1	Decal-Protection, Ear				
13:3	107-7666	1	Decal-Diesel				
15	106-7488-03	1	Hinge-Floorpan, LH				
16	3296-59	2	Nut-Lock, NI				
18	321-4	2	Screw-HH				
19	106-7489-03	1	Hinge-Floorpan, RH				
20	106-7498	1	Pocket				
21	1-653036	1	Washer				
22	32128-25	1	Nut-HF				



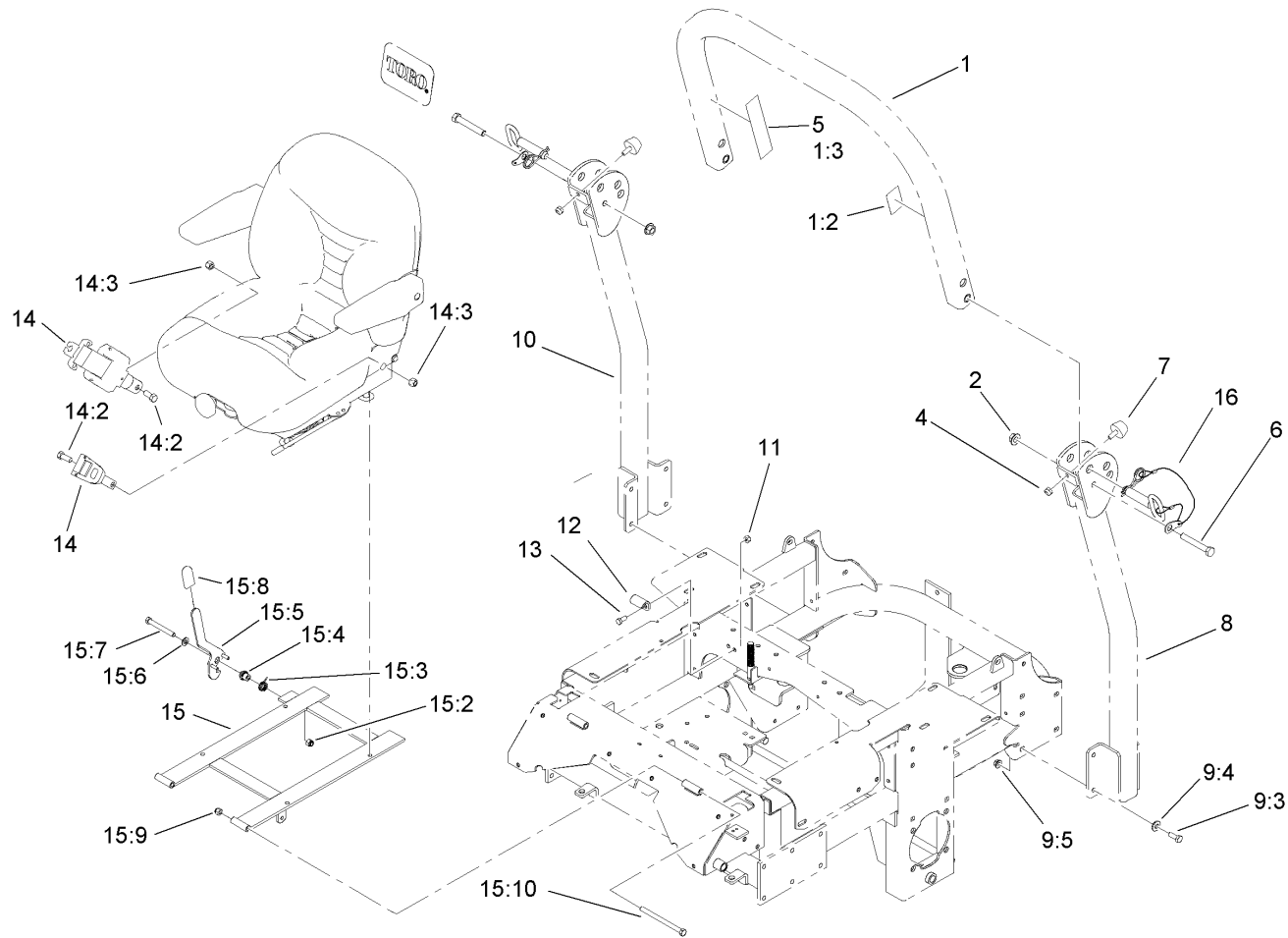
Seat and Roll-Over Protection System Assembly

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

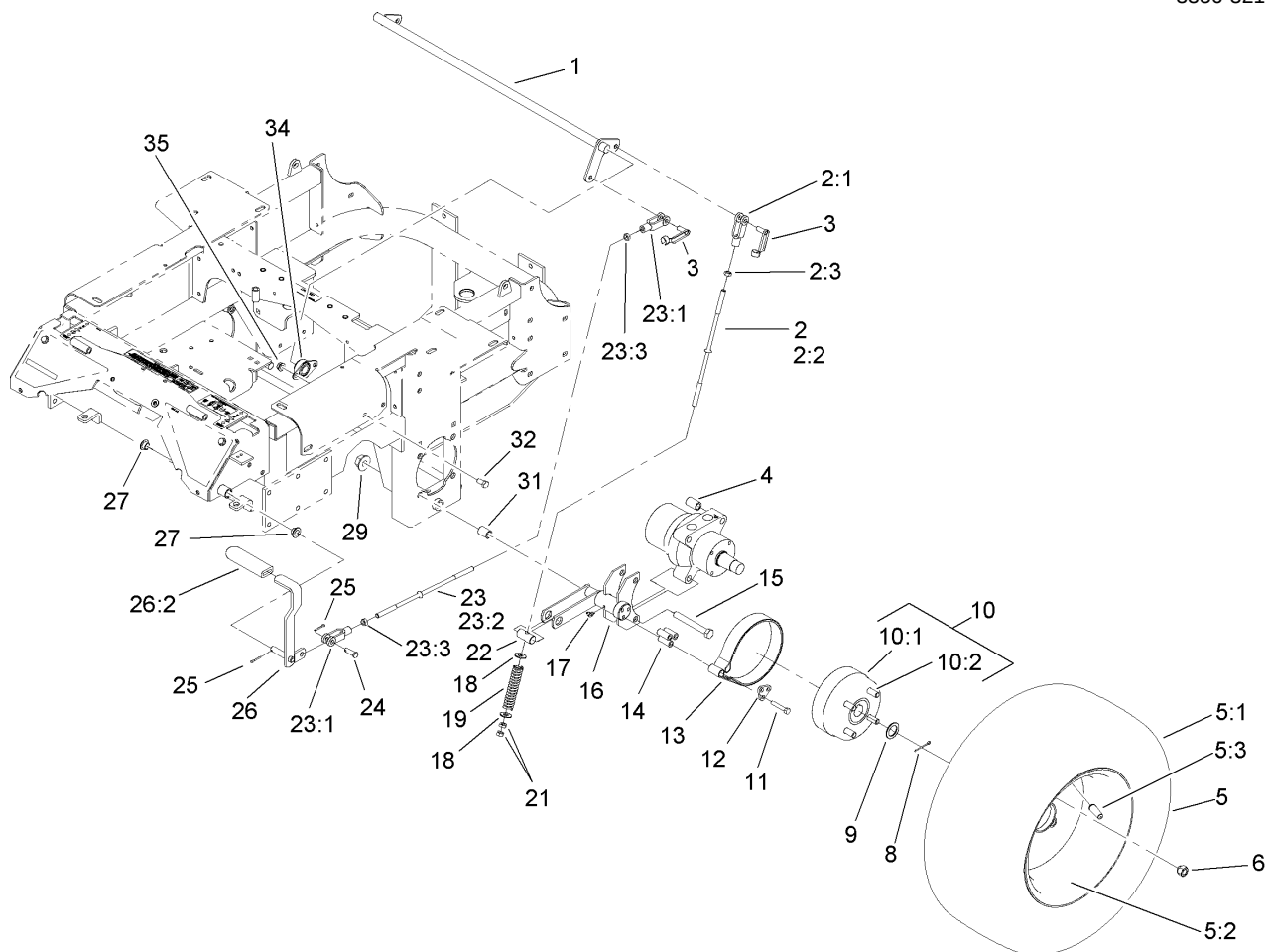
Ref	Part No.	Qty.	Description				
1		1	Seat ASM				
1:1	107-1880	1	Seat Track Kit				
1:2	107-1885	1	Weight Indicator Kit				
1:3	107-1881	1	Knob Kit				
1:4	107-1883	1	Bottom Cushion Kit				
1:5	107-1886	1	Switch Kit				
1:6	107-1887	1	Armrest Kit				
1:7	107-1884	1	Shock Absorber Kit				
1:8	107-1882	1	Back Cushion Kit				
4	110-0883	1	Retractable Seatbelt Kit				
4:2	3212-4	2	Screw-HH				
4:3	3296-7	2	Nut-Lock				



Roll-Over Protection System Assembly No. 110-0877

Ref	Part No.	Qty.	Description
②1		1	Upper Tube ASM
1:2	107-2101	1	Decal-ROPS
1:3	107-2102	1	Decal-Warning, Folding ROPS
2	32128-23	2	Nut-HF
4	3296-73	2	Nut-Lock, NI
5	107-3069	1	Decal-Warning, Folding ROPS (Ce)
6	325-13	2	Screw-HH
7	109-2365	2	Bumper-Rubber (W/Stud)
②8		1	Tube-Support, LH
①9		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
15	110-0874	1	Seatframe ASM
15:2	3296-39	1	Nut-Lock, NI
15:3	107-0076	1	Spring-Torsion

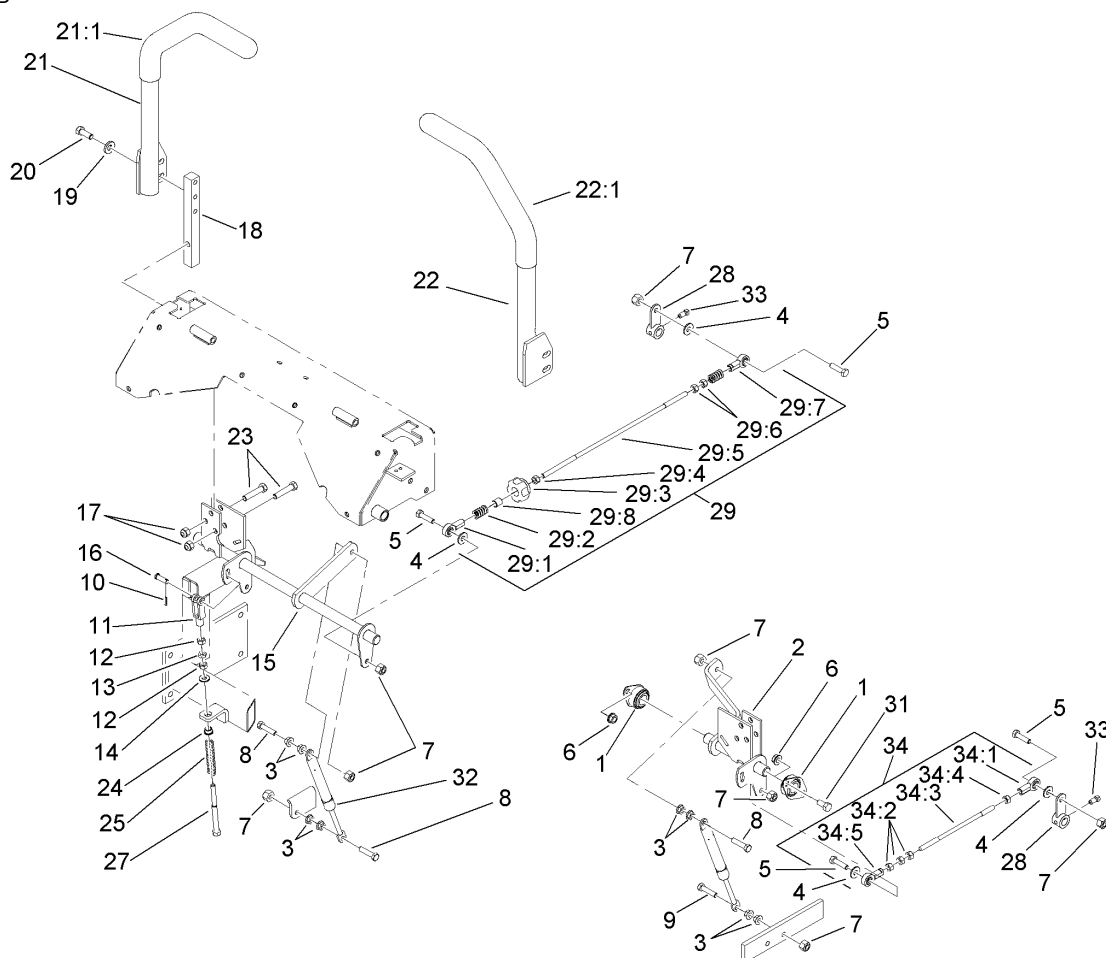
Ref	Part No.	Qty.	Description
15:4	107-0075	1	Bushing-Latch, Seat
15:5	107-3083	1	Latch ASM
15:6	3256-24	1	Washer-Flat
15:7	323-20	1	Screw-HH
15:8	103-4434	1	Grip-Lever
15:9	3296-39	2	Nut-Lock, NI
15:10	323-39	2	Screw-HH
16	103-4553	2	ROPS Fold Pin ASM



Parking Brake and 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	1-633382	4	Spacer-Wheel, Long
5	1-633970	2	Wheel And Tire ASM
5:1	1-633993	1	Tire
5:2	1-633992	1	Wheel Rim
5:3	232-27	1	Stem-Valve
6	242-50	8	Nut-Lug
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	325-17	8	Screw-HH
16	103-0352-03	2	Bracket-Brake
17	1481	2	Fitting-Grease

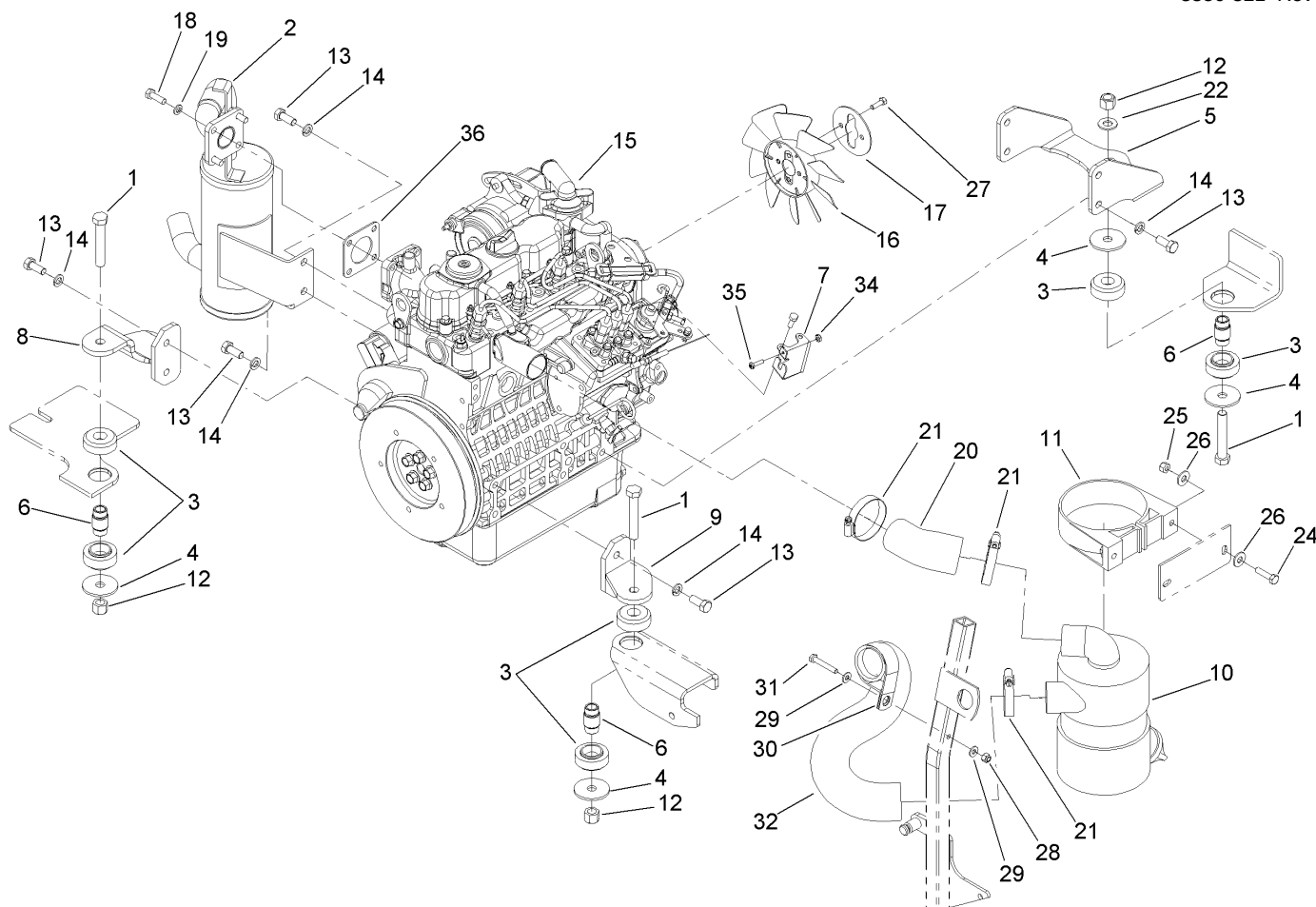
Ref	Part No.	Qty.	Description
18	3256-4	4	Washer-Flat
19	1-633454	2	Spring-Brake
21	3219-3	4	Nut-Hex
22	1-633144	2	Pin-Trunion
23	108-5962	1	Brake Rod ASM
23:1	1-633131	2	Yoke-Linkage, Brake
23:2	1-633477	1	Rod-Brake
23:3	3219-3	2	Nut-Hex
24	1-808285	1	Pin-Clevis
25	3272-10	2	Pin-Cotter
26	1-634500	1	Brake Lever ASM
26:2	1-633268	1	Grip-Lever, Brake
27	1-513140	2	Bearing-Control
29	32128-49	8	Nut-HHF
31	1-633380	4	Spacer-Wheel, Short
32	323-4	4	Screw-HH
34	1-633102	2	Bearing-Flange, Side
35	3290-357	4	Nut-HHF, Whiz



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

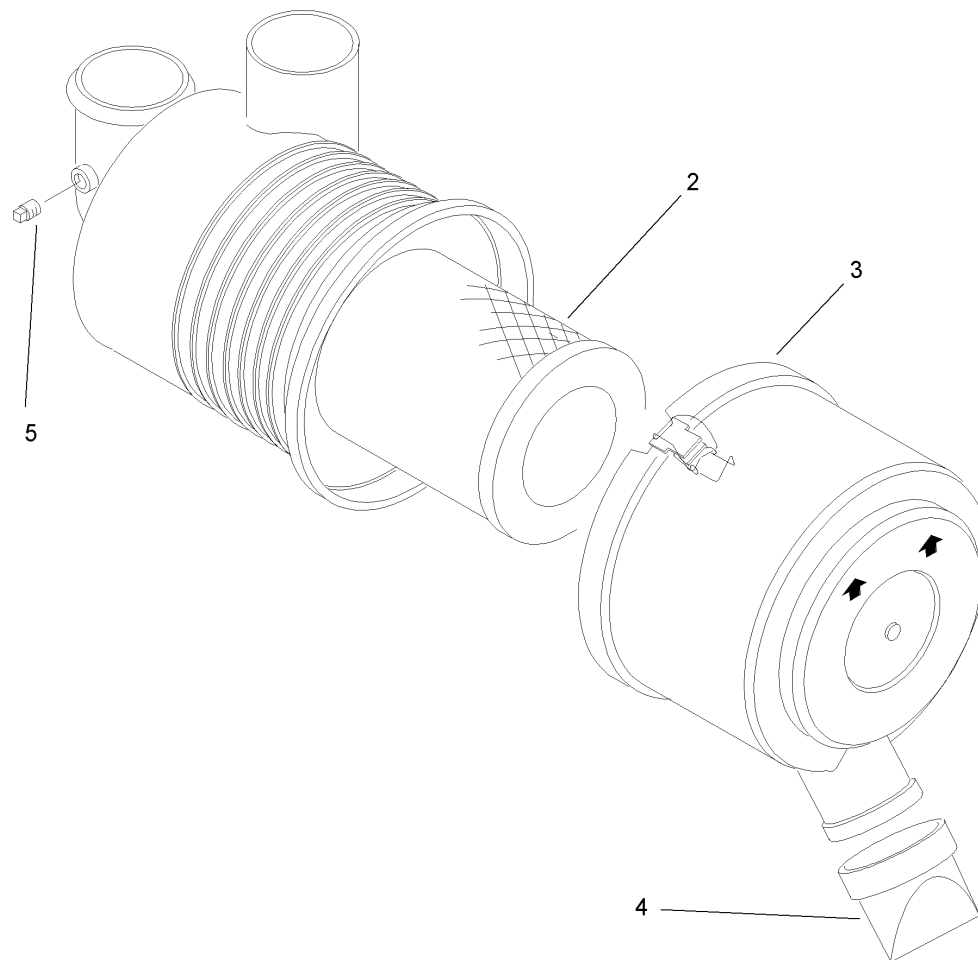
Ref	Part No.	Qty.	Description
23	323-9	6	Screw-HH
24	1-603735	2	Bushing-Flanged
25	1-603807	2	Spring-Return, Neutral
27	1-603737	2	Bolt-Return, Neutral
28	107-3470-03	2	Hydraulic Control Arm ASM
29	107-3474	1	RH Control Rod ASM
29:1	1-543017	1	Balljoint-RH
29:2	1-323245	2	Spring-Compression
29:3	103-3060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

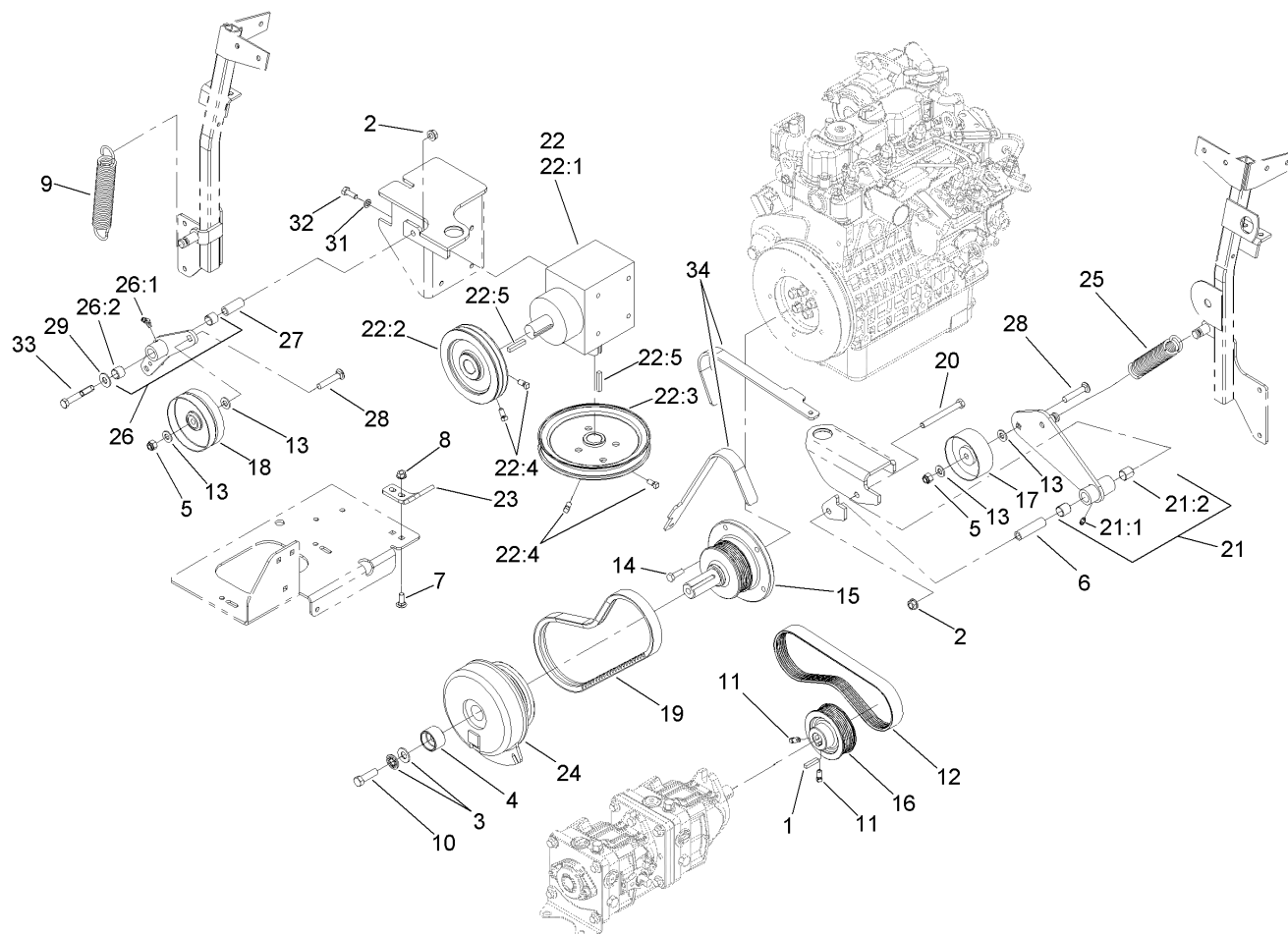
Ref	Part No.	Qty.	Description
1	325-12	3	Screw-HH
2	107-9909	1	Muffler
3	107-9914	3	Mount-Isolation
4	55-7960	4	Washer-Blade, Large
5	107-9917-03	1	Bracket-Engine Mount, Rear
6	110-0300	3	Spacer
7	108-5922	1	Bracket-Support, Throttle
8	107-9920-03	1	RH Engine Support ASM
9	107-9930-03	1	LH Engine Support 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	107-9911	1	Engine-Kubota
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
34	3217-26	1	Nut-Hex
35	110-0863	1	Screw-Torx
36	99-8343	1	Gasket-Muffler



Air Cleaner Assembly No. 93-2190

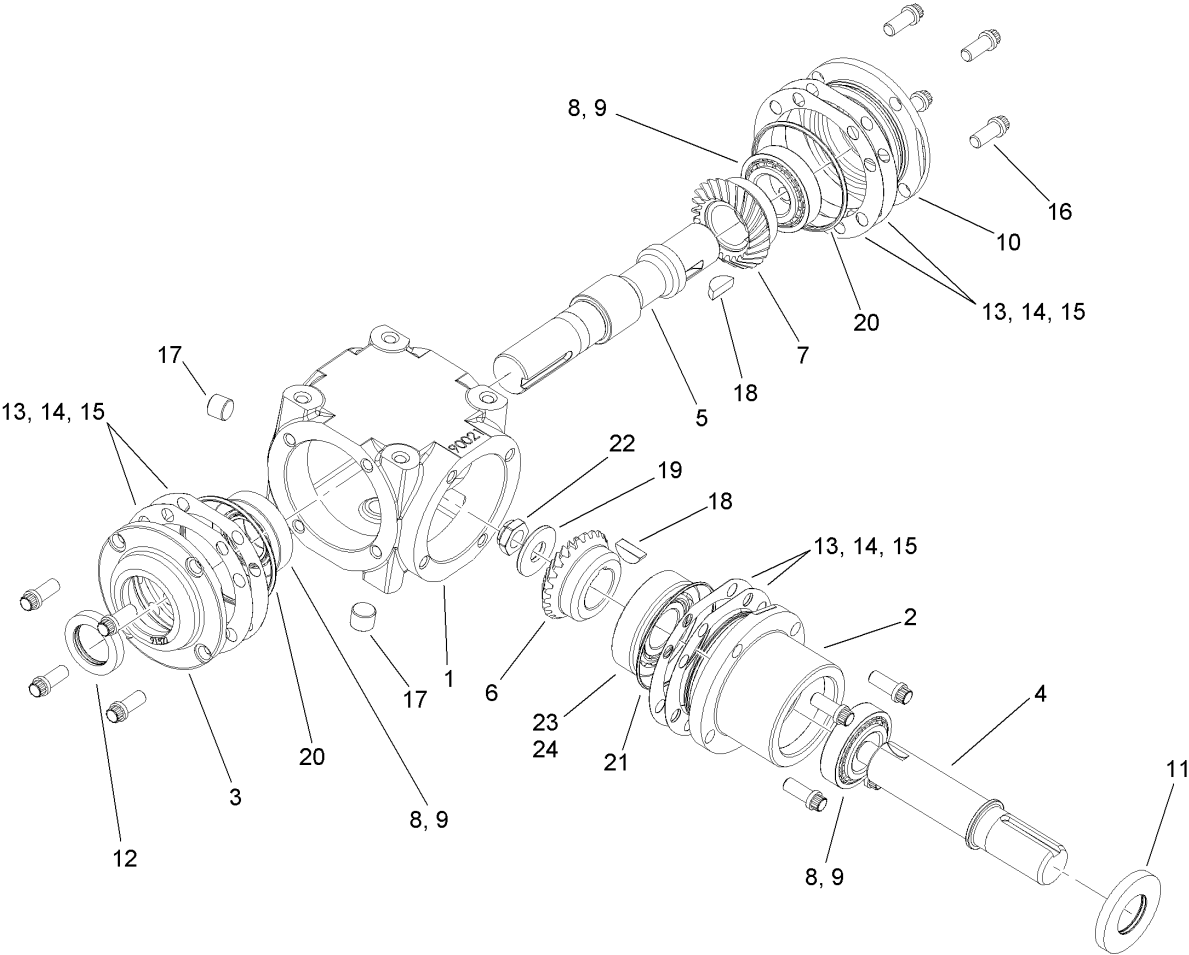
Ref	Part No.	Qty.	Description
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Hydro and Gearbox Assembly

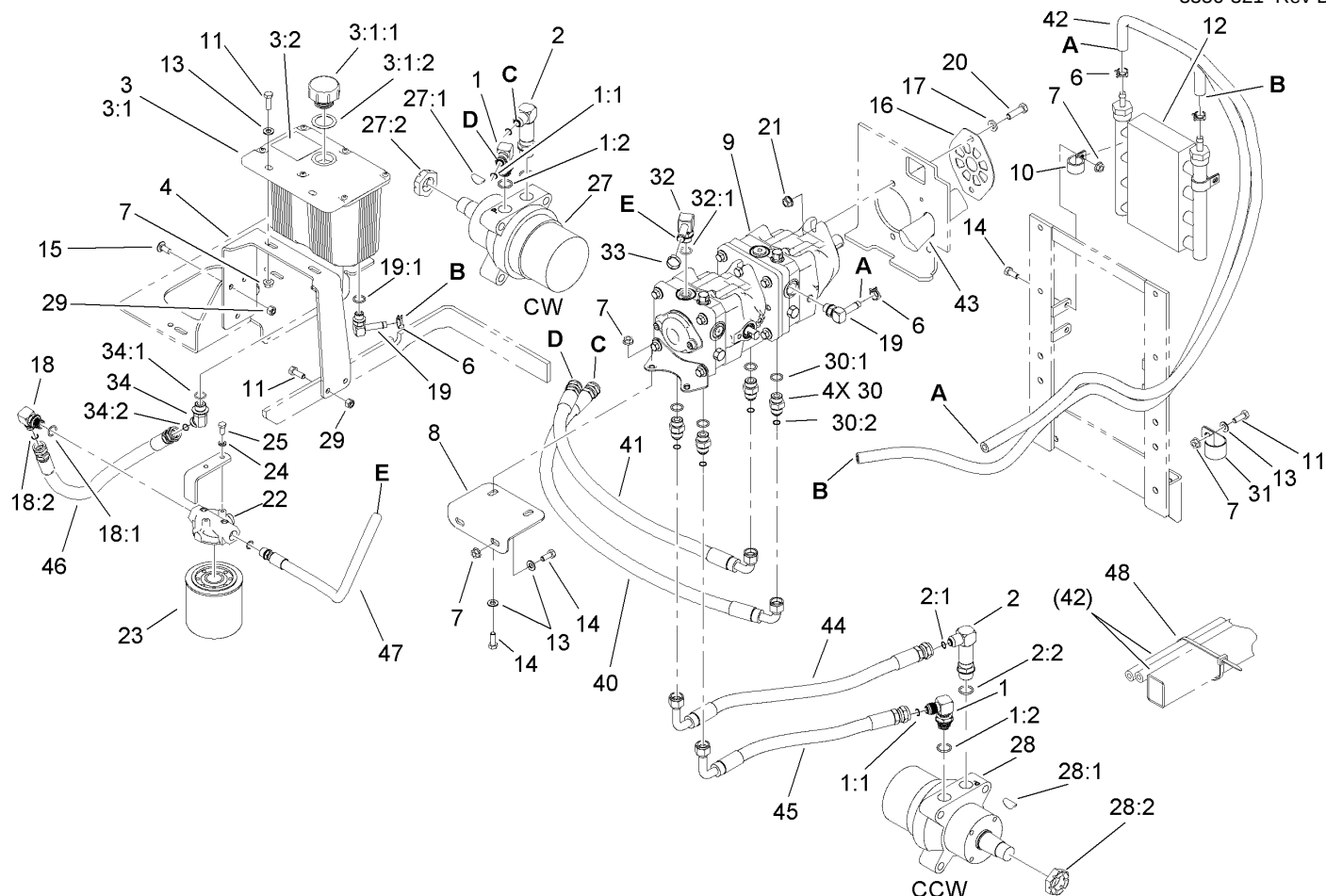
Ref	Part No.	Qty.	Description
1	5-0698	1	Key
2	3290-357	2	Nut-HHF, Whiz
3	1-603610	2	Washer-Spring
4	110-0854	1	Retainer-Clutch
5	3296-39	2	Nut-Lock, NI
6	1-603384	1	Bushing-Pivot, Idler
7	3230-16	2	Screw-CARR
8	32128-25	2	Nut-HF
9	110-0818	1	Spring-Extension
10	3212-6	1	Screw-HH
11	1-803022	2	Screw-Set
12	107-9910	1	Belt-V
13	3256-24	4	Washer-Flat
14	33114-025	5	Screw-HH
15	108-5975	1	Shaft-Stub
16	108-5976	1	Pulley
17	108-5910	1	Pulley-Flat
18	110-0803	1	Pulley-Flat
19	110-0805	1	Belt-V
20	323-15	1	Screw-HH
21	108-5939	1	Pump Idler Arm ASM
21:1	302-5	1	Fitting-Grease
21:2	1-513034	2	Sleeve-Bearing
22		1	Gearbox ASM

Ref	Part No.	Qty.	Description
22:1	107-9887	1	Gearbox-90 DEG
22:2	108-5912	1	Pulley
22:3	110-0893	1	Pulley
22:4	1-803022	4	Screw-Set
22:5	67-7490	2	Key-Square
23	110-0815	1	Bracket-Clutch Stop
24	110-0862	1	Clutch-Electromagnetic
25	108-5985	1	Spring-Extension
26	112-2354	1	Gearbox Idler ASM W/Bearings
26:1	1481	1	Fitting-Grease
26:2	103-4681	2	Sleeve-Bearing
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



Gearbox Assembly No. 107-9887

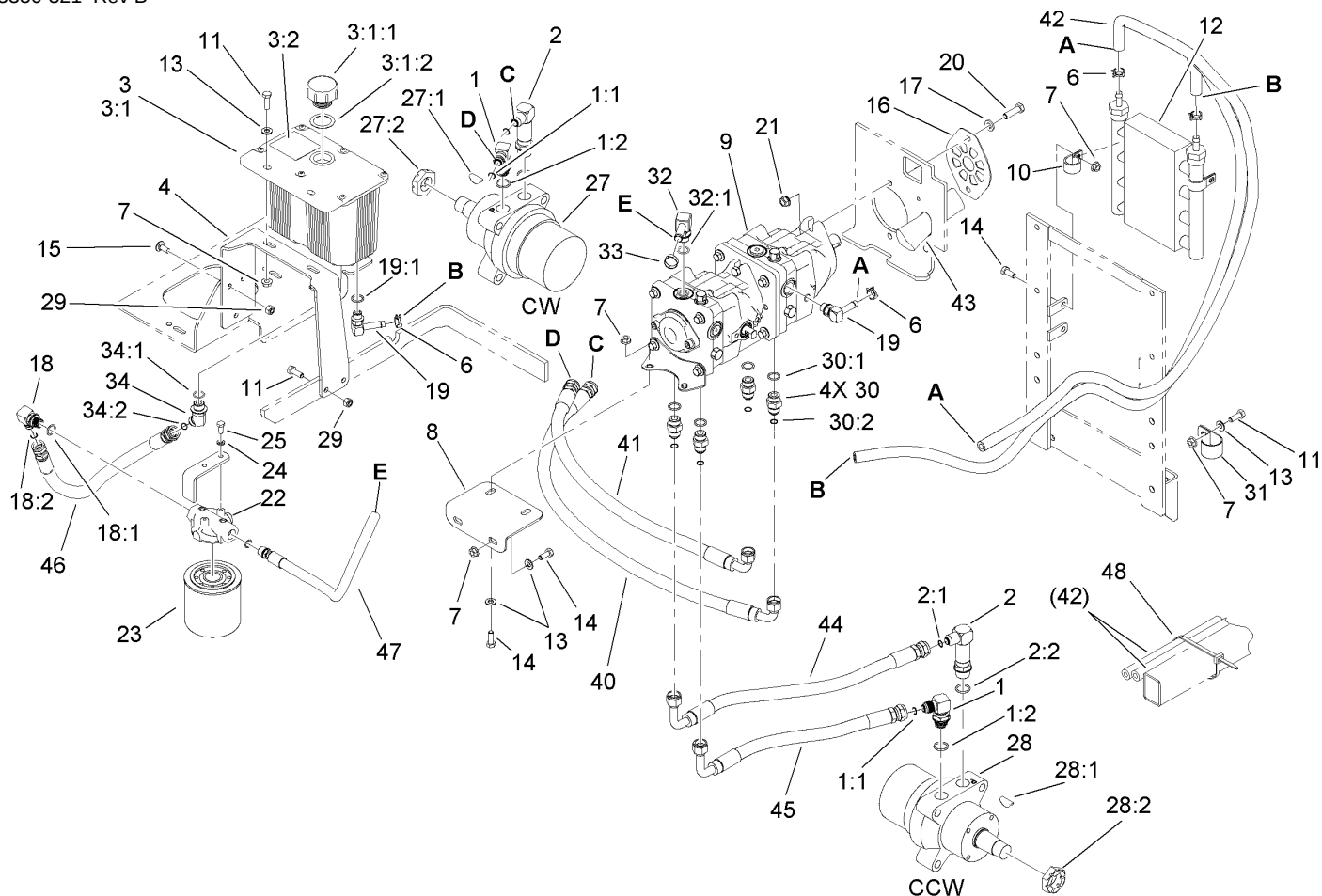
Ref	Part No.	Qty.	Description				
1	110-0843	1	Case				
2	110-0853	1	Housing-Pinion				
3	100-4566	1	Cap-End, Open				
4	110-0844	1	Shaft-Pinion				
5	110-0845	1	Shaft-Cross				
6	110-0847	1	Gear-Shaft, Cross				
7	110-0846	1	Gear-Pinion				
8	110-0848	3	Bearing-Cup				
9	110-0849	3	Bearing-Cone				
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

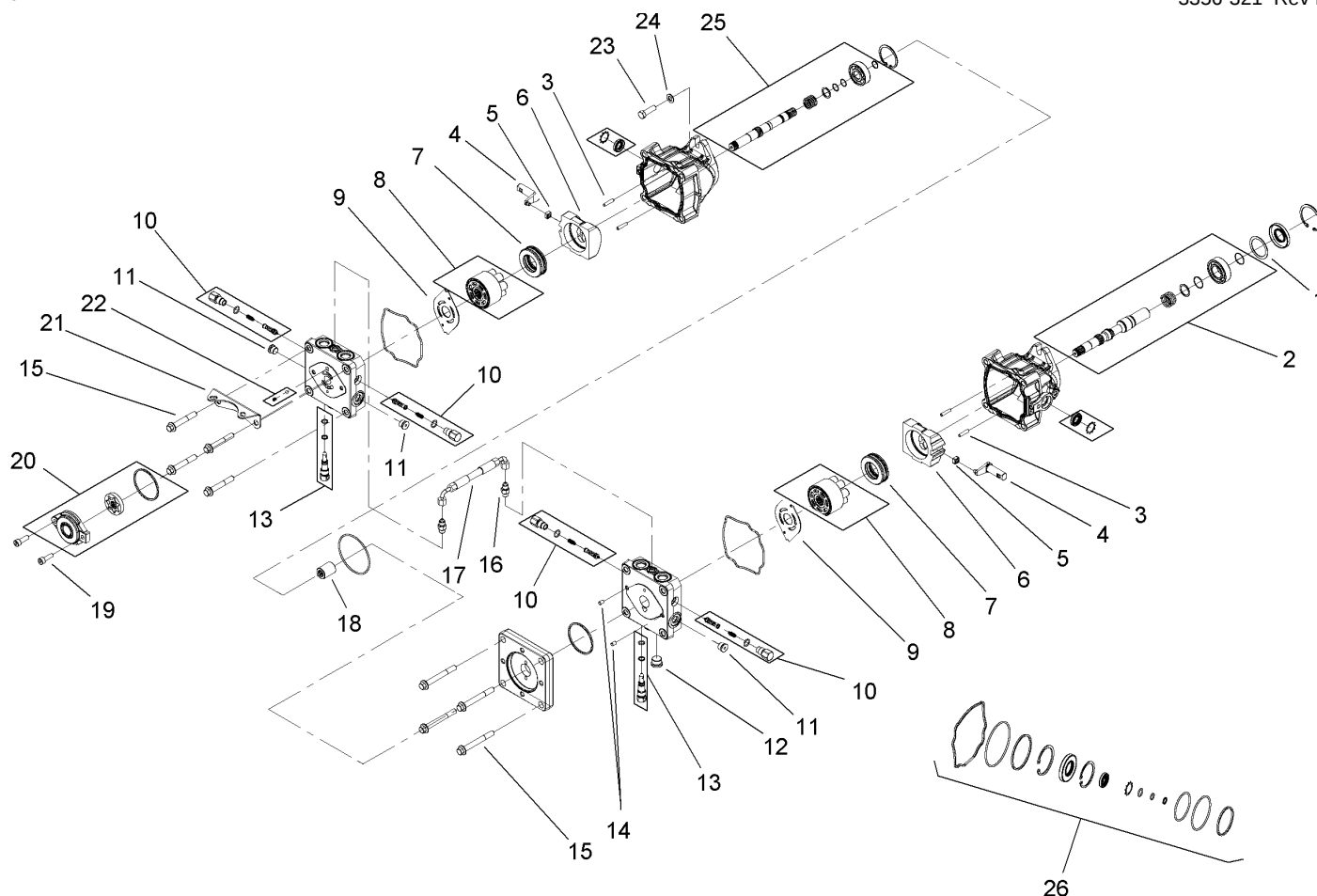
Ref	Part No.	Qty.	Description
1	1-633605	2	Fitting-HYD, 90 DEG
1:1	1-603992	1	O-Ring
1:2	237-80	1	O-Ring
2	108-5323	2	Fitting-Elbow-90
2:1	1-603992	1	O-Ring
2:2	237-80	1	O-Ring
3	108-5320	1	Hydraulic Tank ASM
3:1		1	Tank-Hydraulic
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	107-2131	1	Decal-Surface, Hot
4	108-5352-03	1	Bracket-Tank, Hydraulic
6	103-1988	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	110-0812	1	Cooler-Oil, Hydro
13	3256-23	6	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	100-4887	2	Fitting-Barb
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	107-9886	1	Motor-Wheel, Cw
27:1	3257-42	1	Key-Woodruff
27:2	1-809036	1	Nut-HH
28	108-5917	1	Motor-Wheel, Ccw
28:1	3257-42	1	Key-Woodruff
28:2	1-809036	1	Nut-HH
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	2412-82	1	Clamp
32	108-5316	1	Fitting-Elbow, 90 DEG
32:1	237-79	1	O-Ring



Hydraulic Tank, Motor and Pump Assembly (continued)

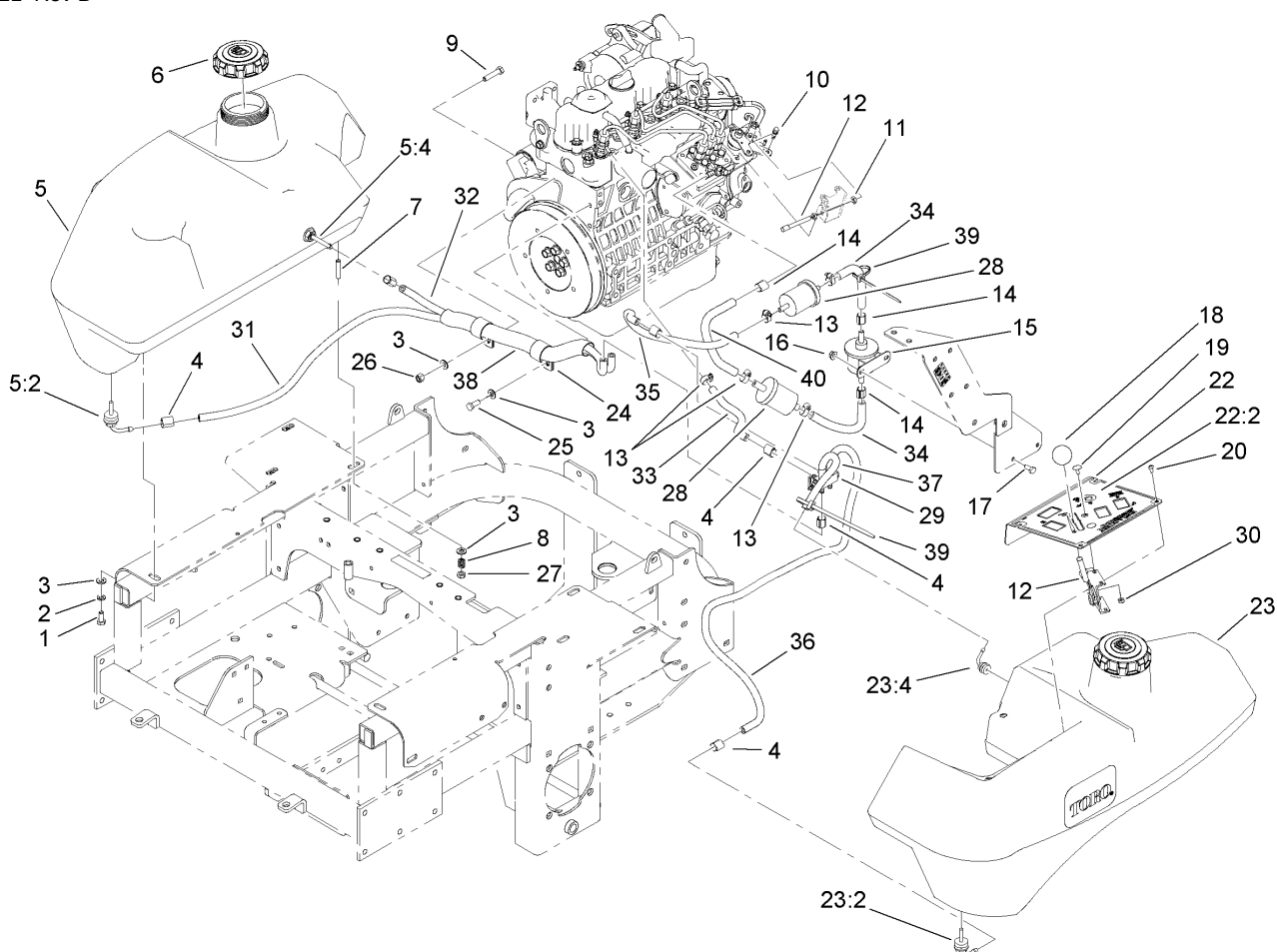
Ref	Part No.	Qty.	Description
33	103-2104	1	Clamp-Hose
34	1-523221	1	Fitting-HYD, 45 DEG
34:1	1-603920	1	O-Ring
34:2	1-603992	1	O-Ring
40	107-3495	1	Hydraulic Hose ASM
41	107-3490	1	Hydraulic Hose ASM
42	107-3492	2	Hose-Hydraulic
43	108-5377	1	Sleeve-Fabric
44	108-5318	1	Hydraulic Hose ASM
45	107-3491	1	Hydraulic Hose ASM
46	110-3854	1	Hydraulic Hose ASM
47	108-5374	1	Hydraulic Hose ASM
48	1-303335	1	Tie-Plastic



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	112-4158	2	Fitting-Straight
17	112-4159	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

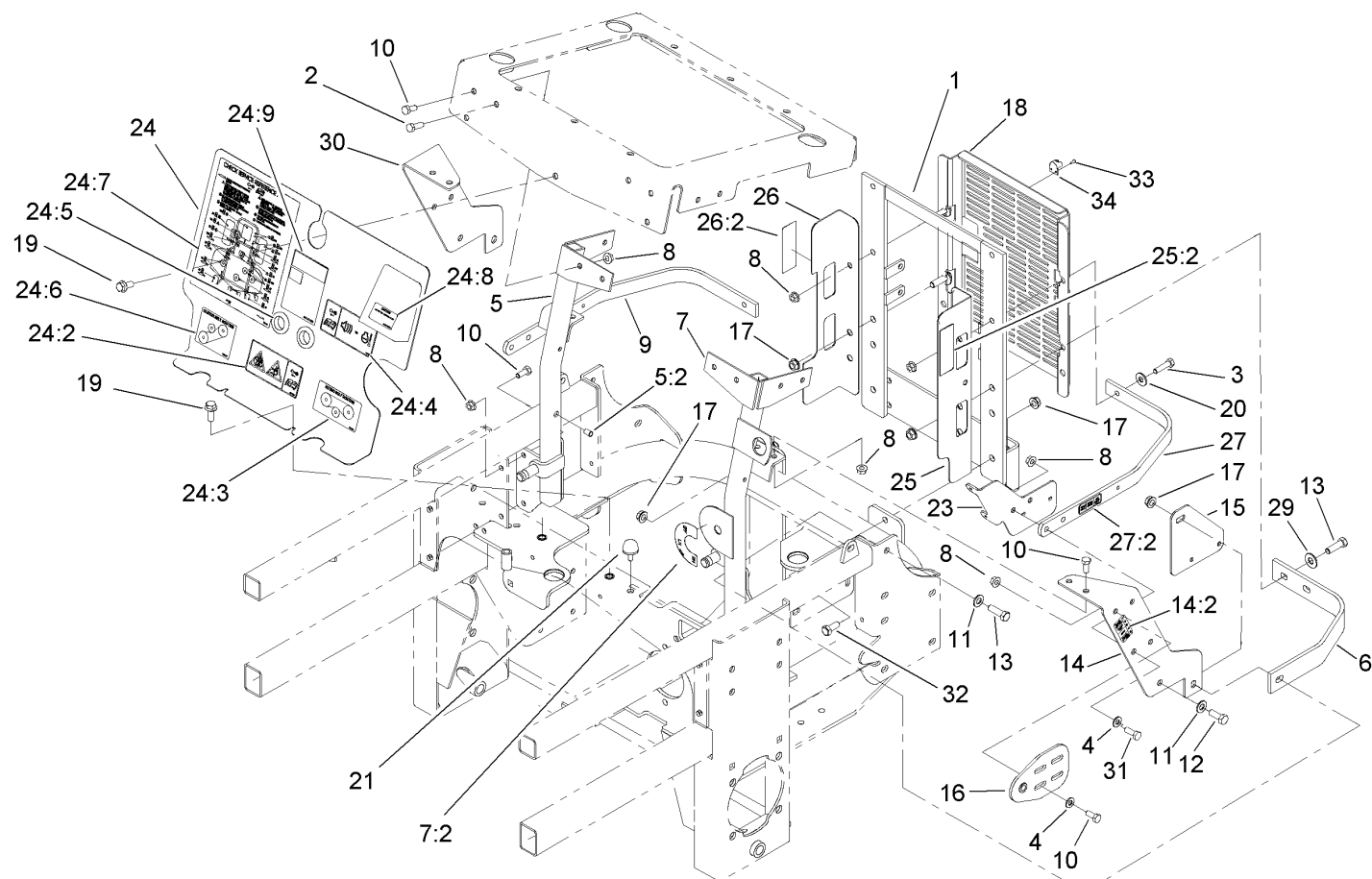
Ref	Part No.	Qty.	Description
25	112-4167	1	Second Pump Shaft Kit
26	112-4150	1	Overhaul Seal Kit



Throttle, Control Panel and Fuel Tank Assembly

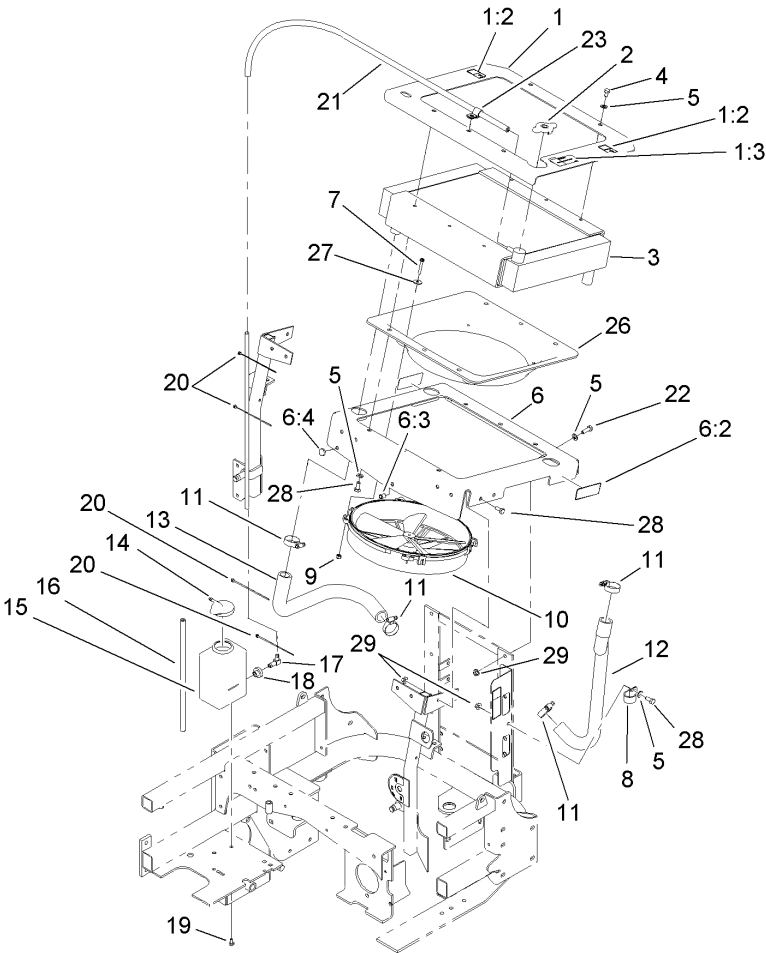
Ref	Part No.	Qty.	Description
1	322-3	2	Screw-HH
2	1-805005	2	Washer-Lock
3	3256-23	11	Washer-Flat
4	1-643293	8	Clamp-Hose, Fuel
5	108-5361	1	RH Fuel Tank ASM
5:2	103-2605	1	Fitting-Fuel, Bulkhead
5:4	103-2615	1	Fitting-Fuel, Bulkhead
6	110-0897	2	Cap-Fuel, Diesel
7	1-633023	6	Stud
8	1-633349	6	Spring-Tank, Fuel
9	322-7	1	Screw-HH
10	108-5928	1	Swivel-Stop, Cable
11	3220-1	2	Nut-Jam
12	108-5927	1	Cable-Control, Throttle
13	2412-108	7	Clamp-Worm
14	1-643277	3	Clamp-Hose, Fuel
15	107-0122	1	Pump-Fuel, Electric
16	32128-33	2	Nut-HF
17	321-3	2	Screw-HH
18	1-603175	1	Knob-Ball
19	1-807513	2	Bolt-CARR
20	109-2661	4	Screw-PPH
22	112-2388	1	Control Panel ASM
22:2	112-2389	1	Decal-Panel, Control

Ref	Part No.	Qty.	Description
23	108-5362	1	LH Fuel Tank ASM
23:2	103-2605	1	Fitting-Fuel, Bulkhead
23:4	103-2615	1	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	98-7612	2	Filter-Fuel
29	1-643234	1	Valve-Fuel, Dual Flow
30	3296-2	2	Nut-Lock
31	108-5376	1	Hose-Fuel
32	109-0301	1	Hose-Fuel
33	110-1876	1	Hose-Fuel
34	112-2386	2	Hose-Fuel
35	109-0282	1	Hose-Fuel
36	109-0275	1	Hose-Fuel
37	109-0297	1	Hose-Fuel
38	108-5377	1	Sleeve-Fabric
39	1-303335	2	Tie-Plastic
40	110-4170	1	Hose-Fuel



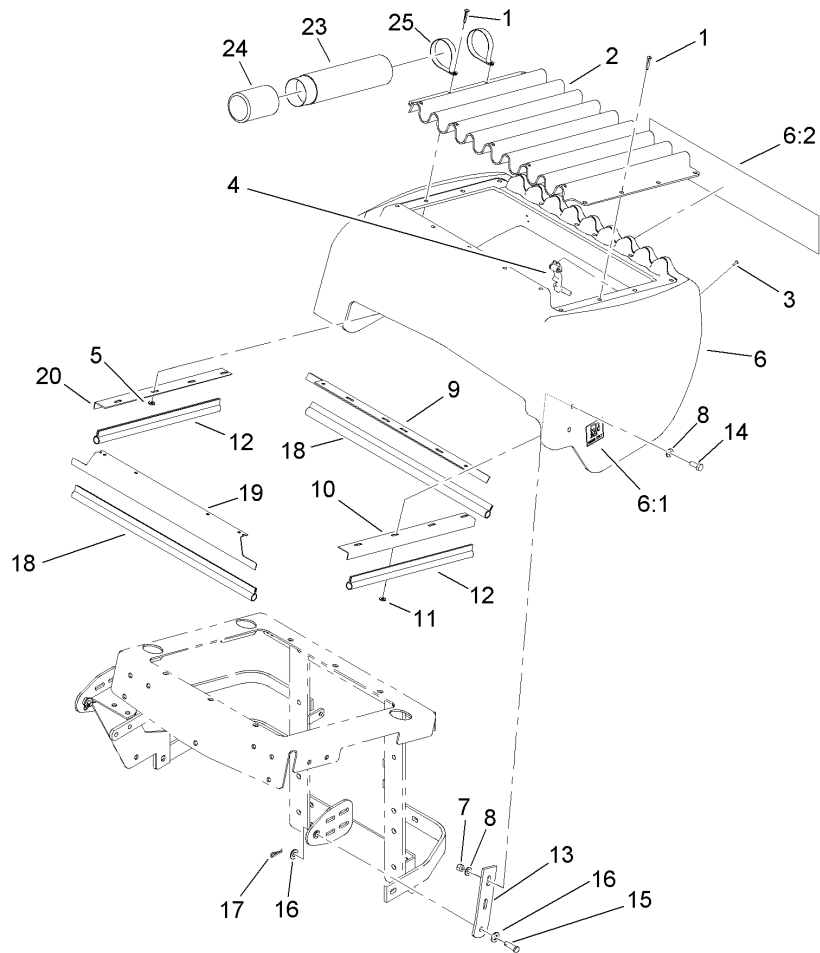
Engine Housing Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-9934-03	1	Support-Radiator, Rear	23	107-8081-03	1	Bracket-Relay/Fuse
2	322-5	2	Screw-HH	24	108-5936	1	Front Engine Shield ASM
3	322-6	2	Screw-HH	24:2	110-3853	1	Decal-Danger, Rotating Devices
4	3256-23	8	Washer-Flat	24:3	108-5955	1	Decal-Routing, Hydro Belt
5	114-1170	1	RH Radiator Brace ASM	24:4	110-3852	1	Decal-Buzzer, Warning
5:2	32148-11	1	Insert-Threaded	24:5	100-3815	2	Grommet-Rubber
6	103-7623-03	2	Strap-Guard	24:6	108-5957	1	Decal-Routing, Clutch Belt
7	110-3870	1	LH Radiator Brace ASM	24:7	110-3851	1	Decal-Check, Service
7:2	107-2114	1	Decal-Valve, Fuel	24:8	110-0806	1	Decal-Caution
8	32128-20	22	Nut-HF	24:9	104-2449	1	Decal-Coolant
9	1-633897-03	1	Rib-Top	25	110-0879	1	Guard-Fan, LH (Ce)
10	322-3	14	Screw-HH	25:2	107-7719	1	Decal-Danger, Rotating Devices
11	3256-24	4	Washer-Flat	26	110-0888	1	Guard-Fan, RH (Ce)
12	323-6	2	Screw-HH	26:2	107-7719	1	Decal-Danger, Rotating Devices
13	323-7	4	Screw-HH	27	110-0890	1	Strap-Top
14	112-8318	1	LH Support Bracket ASM	27:2	110-0305	1	Decal-Relay
14:2	112-8319	1	Decal-Fuses	29	3256-4	2	Washer-Flat
15	108-5349-03	1	Bracket-Pump, Fuel	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	8	Nut-HHF, Whiz	32	323-5	2	Screw-HH
18	112-8302-03	1	Shield-Cooler	33	923786	2	Rivet
19	3234-33	3	Screw-HHF	34	1-643189	1	Keeper-Latch, Rubber
20	3256-3	2	Washer-Flat				
21	109-2365	2	Bumper-Rubber (W/Stud)				



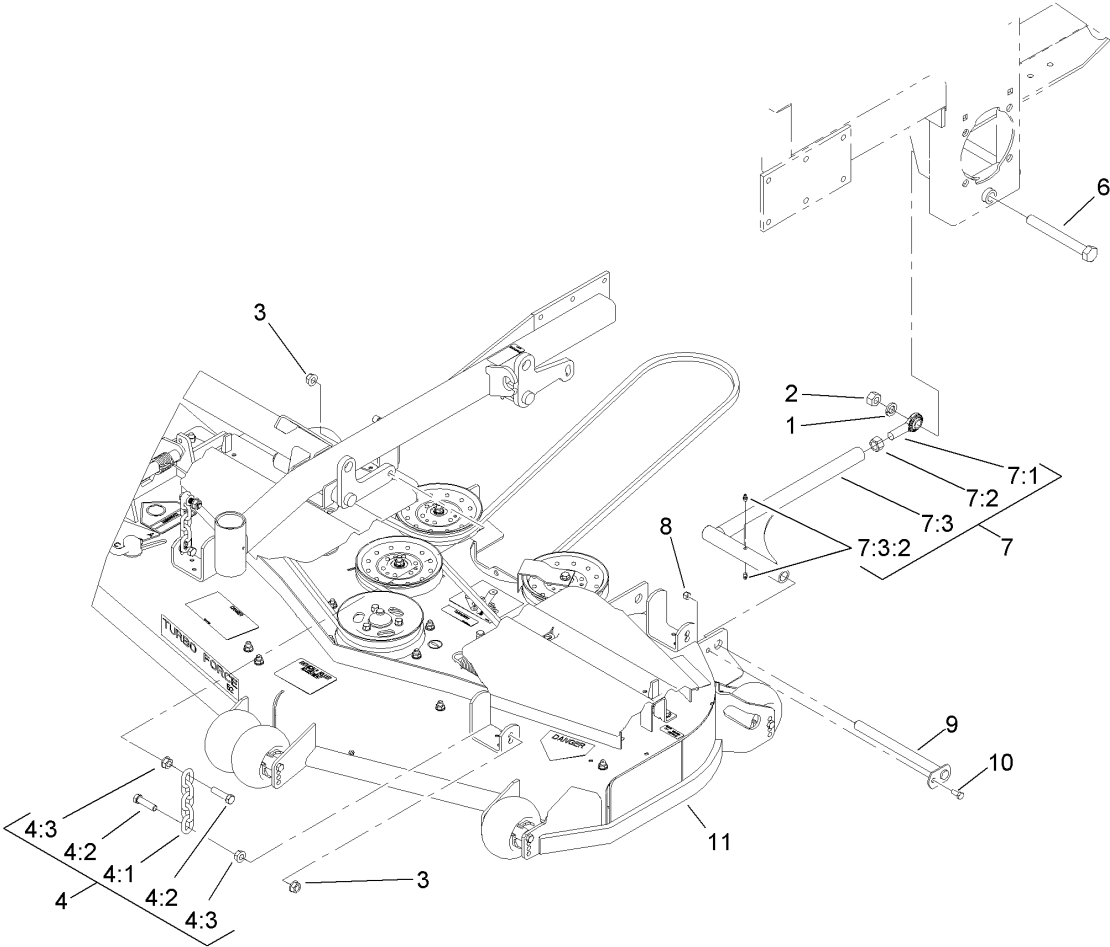
Cooling System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-3845	1	Top Radiator Plate ASM	20	1-303287	5	Tie-Plastic
1:2	93-8069	2	Decal-Surface, Hot	21	103-1428	1	Hose-Overflow
1:3	110-3842	1	Decal-Antifreeze	22	322-5	3	Screw-HH
2	1-643161	1	Cap-Radiator	23	1-603727	1	Clip-Loom
3	107-9932	1	Radiator	26	108-5971	1	Shroud-Cooling, Engine
4	322-1	6	Screw-HH	27	3256-67	4	Washer-Flat
5	3256-23	16	Washer-Flat	28	322-3	11	Screw-HH
6	110-0880	1	Bottom Radiator Plate ASM (Ce)	29	32128-20	4	Nut-HF
6:2	107-7719	2	Decal-Danger, Rotating Devices				
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	1-633831	1	Fan				
11	1-633989	4	Clamp-Hose				
12	108-5372	1	Hose-Radiator, Left				
13	108-5904	1	Hose-Outlet, Engine				
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				
19	321-2	2	Screw-HH				



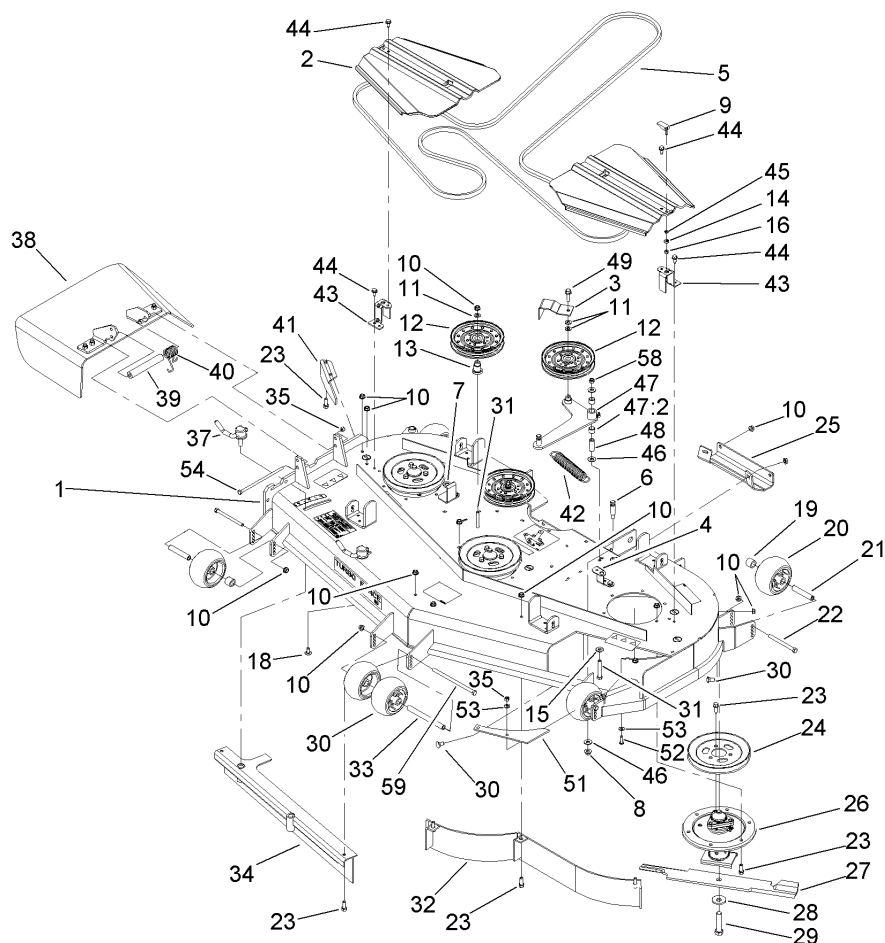
Hood Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-803072	17	Rivet	25	2412-120	2	R-Clamp
2	1-633864-03	1	Screen-Radiator				
3	923786	2	Rivet				
4	1-643188	1	Latch-Rubber				
5	1-303435	4	Washer-Spring				
6	112-8304	1	Hood ASM				
6:1	103-1636	2	Decal-Fuel				
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-Hair				
18	1-643187	2	Seal-Trim				
19	1-643107-03	1	Angle-Radiator, Top				
20	1-643106-03	1	Angle-Radiator, RH				
23	104-7050	1	Housing-Manual				
24	104-7048	1	Cap-Housing				



Deck Connection Assembly

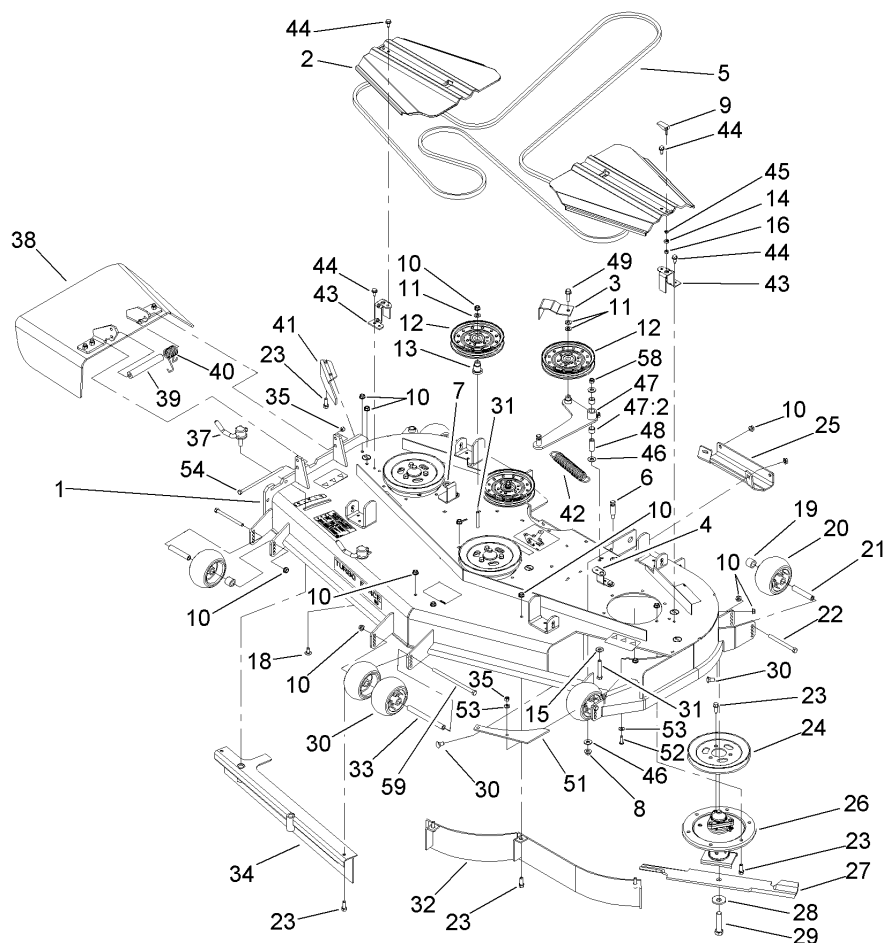
Ref	Part No.	Qty.	Description				
1	3253-8	2	Washer-Lock				
2	3217-11	2	Nut-Hex				
3	32128-37	8	Nut-HF				
4	103-9792	4	Deck Chain ASM				
4:1	1-633447	1	Chain-Lift, Deck				
4:2	103-1898	2	Screw-HH				
4:3	32128-37	2	Nut-HF				
6	327-28	2	Screw-HH				
7	108-5969	2	Strut ASM				
7:1	1-633029	1	Balljoint-Spherical				
7:2	3219-6	1	Nut-Hex				
7:3		1	Strut-Deck				
7:3:2	109-1380	2	Fitting-Grease				
8	3296-29	2	Nut-Lock, NI				
9	1-632199-01	2	Pin-Strut				
10	322-3	2	Screw-HH				
11		1	Deck ASM				



Deck Assembly

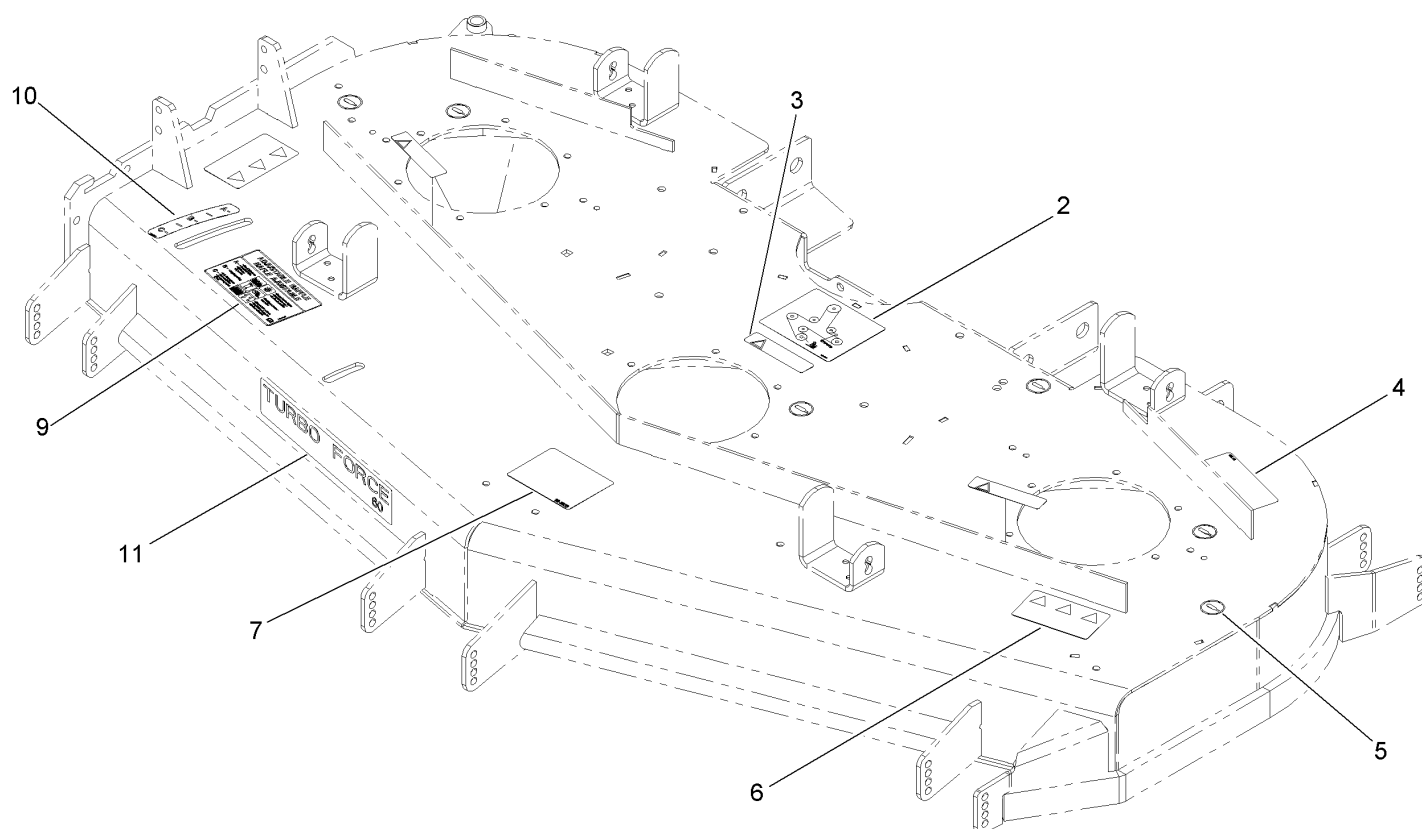
Ref	Part No.	Qty.	Description
1	108-5944	1	Deck Decal ASM
2	107-8536	2	Cover-Belt
3	108-7220-01	1	Guide-Belt
4	108-2177-01	1	Bracket-Cover, Tall
5	108-5915	1	Belt-V
6	110-0801	1	Pin-Threaded, Spring Anchor
7	108-4122-01	1	Bracket-Cover
8	32128-19	1	Nut-HF
9	106-6777	2	Handle-Latch, Swell
10	3290-357	42	Nut-HHF, Whiz
11	3256-24	4	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-Spinner
22	323-23	4	Screw-HH
23	92-1624	33	Screw
24	107-7678	3	Pulley
25	105-8792-01	1	Plate-Skid

Ref	Part No.	Qty.	Description
26	108-7713	3	Spindle ASM
27	105-7718-03	3	Blade-Hi Flow
28	103-0865	3	Washer-Blade Bolt, Heavy
29	103-0862	3	Screw-Cap
30	3231-1	10	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	3	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	6	Screw-HWHTF
45	99-3058	2	Washer
46	3256-4	3	Washer-Flat
47	108-5949	1	Deck Idler Arm ASM
47:2	103-4681	2	Sleeve-Bearing
48	1-603044	1	Bushing
49	3234-24	1	Screw-HHF



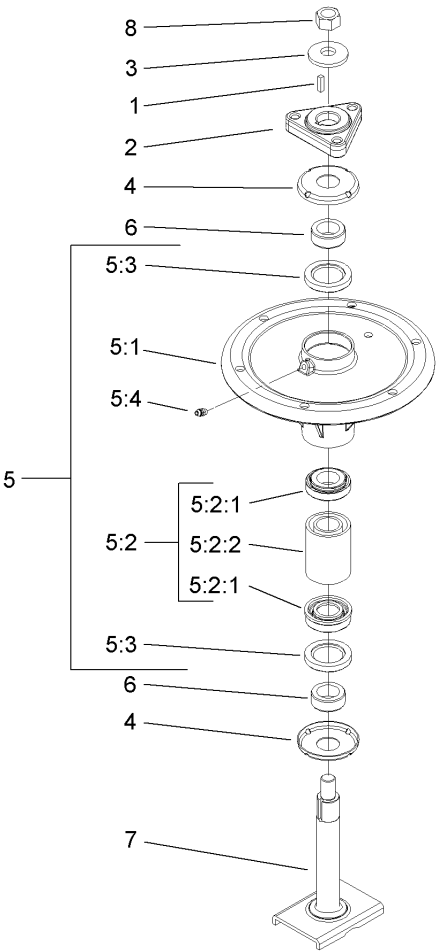
Deck Assembly (continued)

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	323-28	1	Screw-HH



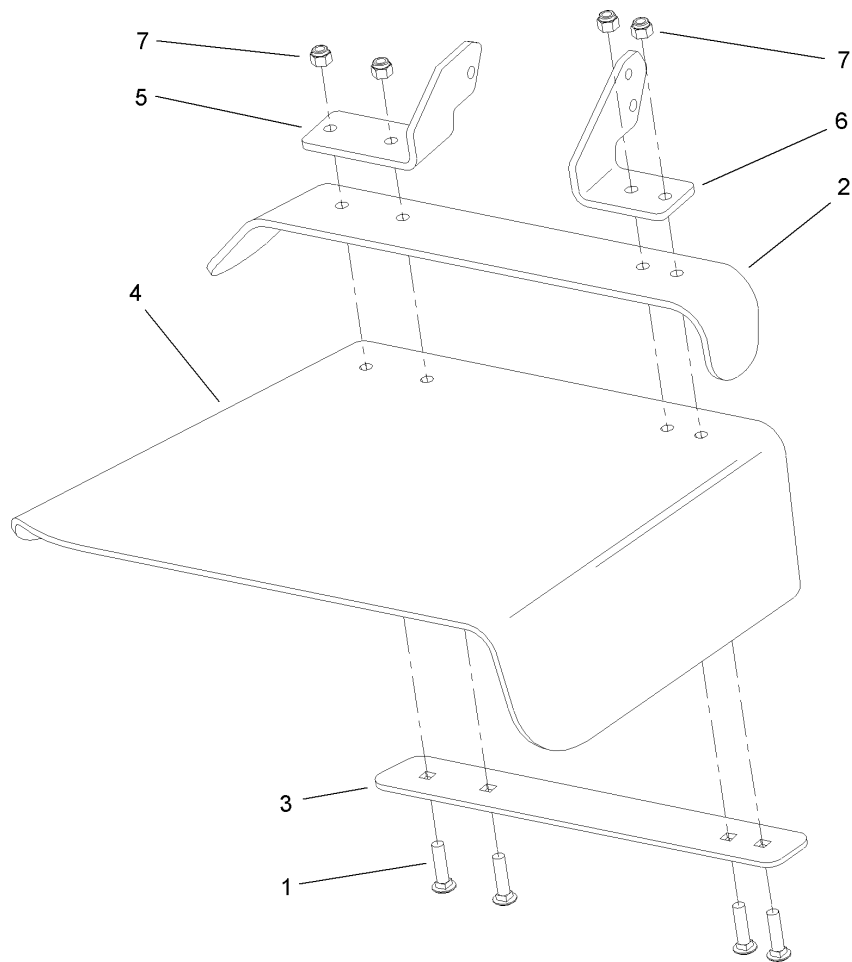
Deck Decal Assembly No. 108-5944

Ref	Part No.	Qty.	Description
2	108-5981	1	Decal-Routing, Belt
3	98-1977	3	Decal-Warning
4	93-7818	1	Decal-Torque, Blade Bolt
5	58-6520	6	Decal-Grease
6	93-7010	2	Decal-Danger
7	99-8939	1	Decal-Anti Scalp
9	110-2068	1	Decal-Adjustment, Baffle
10	110-2067	1	Decal-Setting, Baffle
11	107-1619	1	Decal



Spindle Assembly No. 108-7713

Ref	Part No.	Qty.	Description				
1	10-8040	1	Key-Square				
2	106-3277	1	Hub-Pulley				
3	103-0865	1	Washer-Blade Bolt, Heavy				
4	106-3204	2	Shield-Bearing				
5		1	Spindle Bearing ASM				
5:1	106-3211	1	Housing-Spindle				
5:2	108-7711	1	Bearing ASM				
5:2:1	108-7710	1	Bearing ASM				
5:2:2	106-3206	1	Spacer (Matched Set)				
5:3	253-133	2	Seal-Oil				
5:4	302-5	1	Fitting-Grease				
6	106-3218	2	Spacer-Seal				
7	106-3233	1	Spindle Shaft ASM				
8	3219-6	1	Nut-Hex				

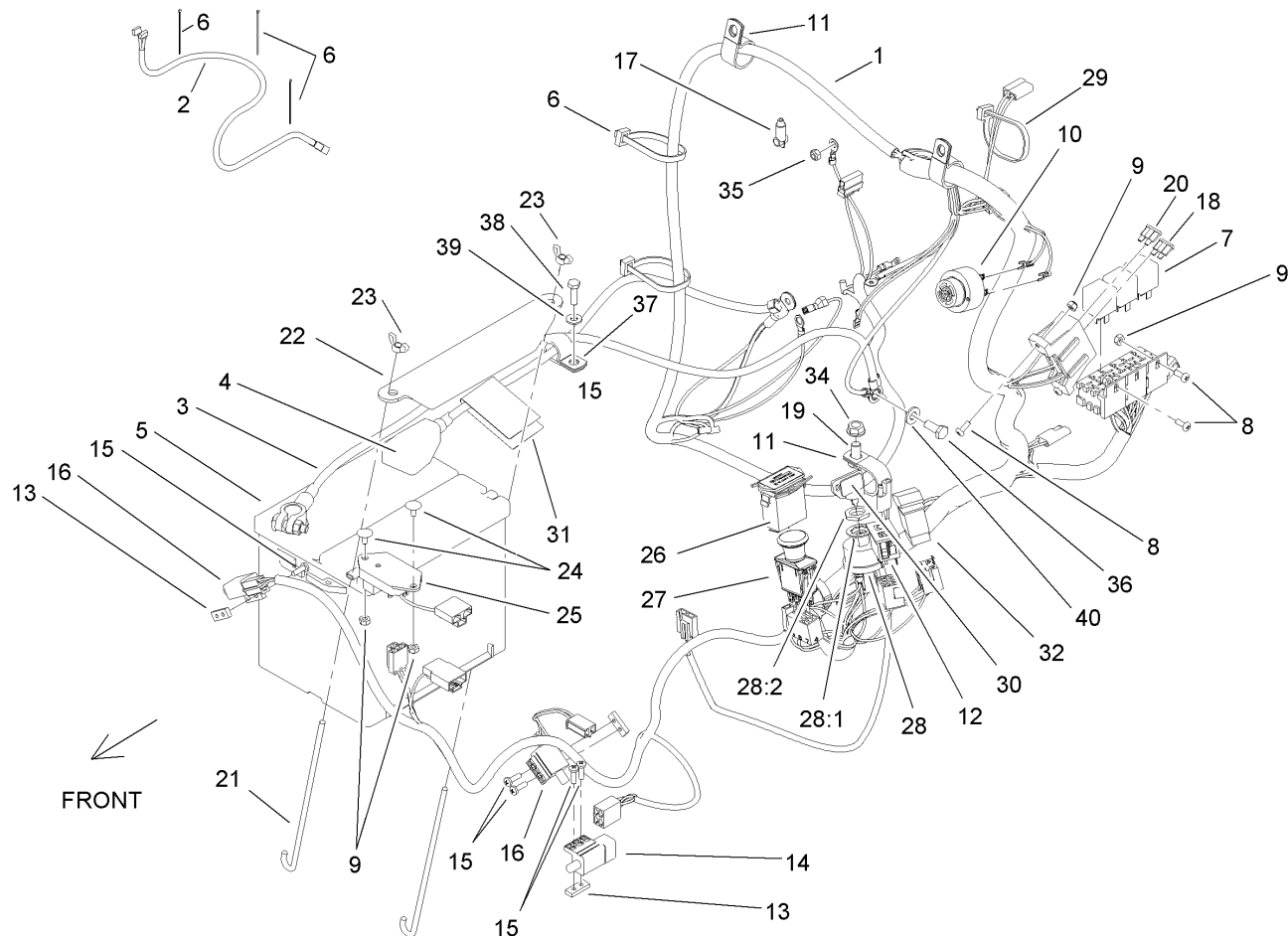


Rubber Deflector Assembly No. 108-2792

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				

Lever Assembly No. 107-1664

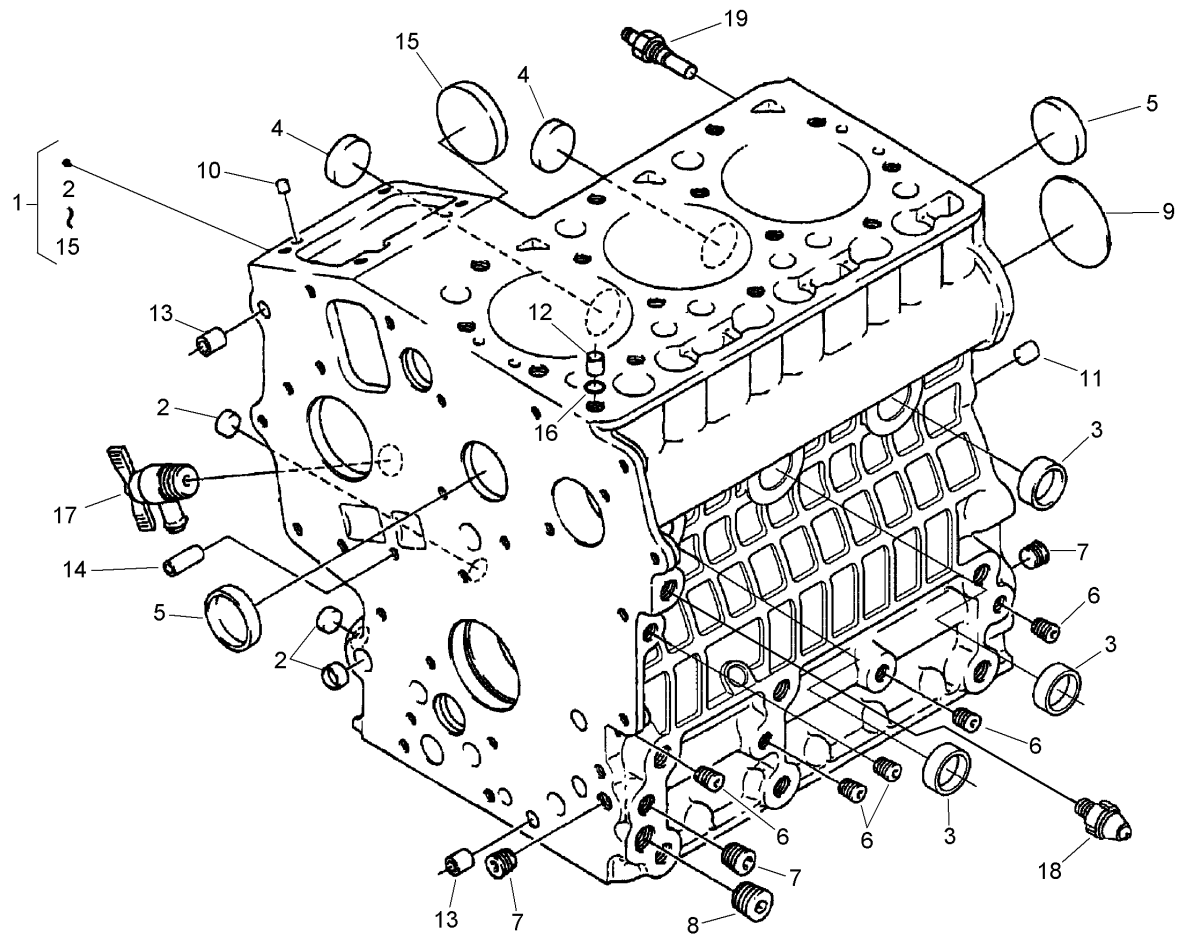
Ref	Part No.	Qty.	Description
1	106-3239	1	Screw-Lock
2	107-1644	1	Cap-Lock
3	106-3241	1	Lever-Lock
4	3296-29	1	Nut-Lock, NI



Electrical Assembly

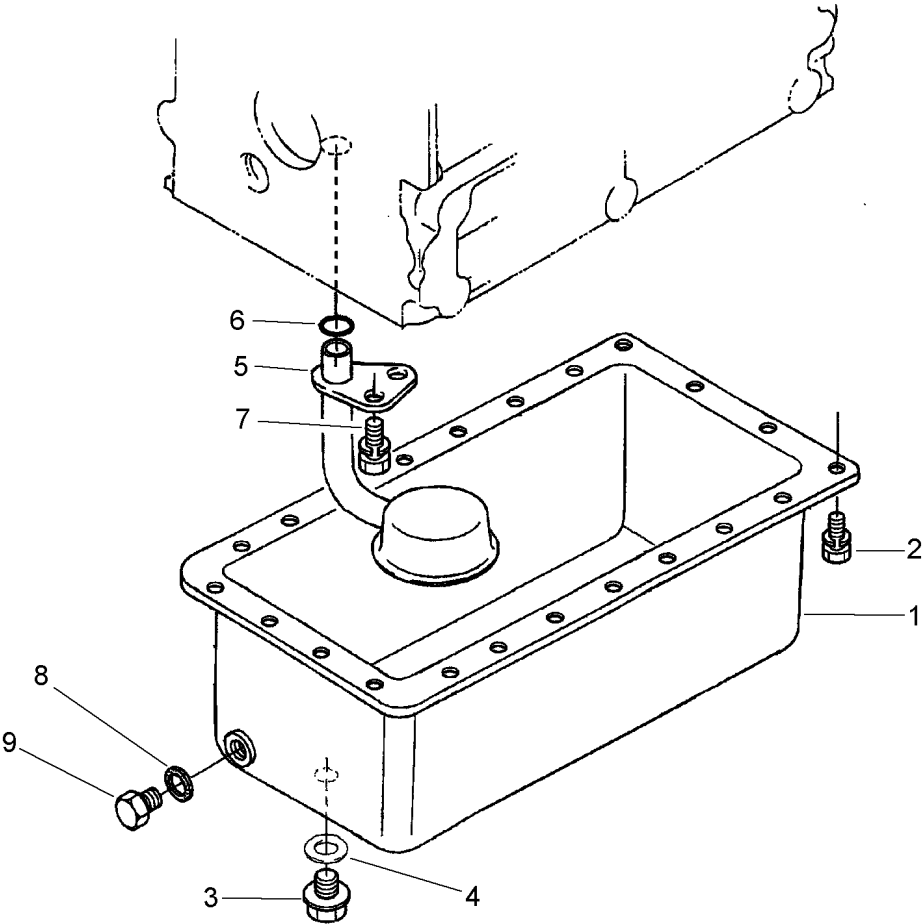
Ref	Part No.	Qty.	Description
1	112-8315	1	Harness-Electrical, Main
2	103-1227	1	Harness-Wiring, Seat
3	110-0303	1	Cable-Battery, Negative
4	110-0304	1	Cable-Battery, Positive
5	106-5187	1	Battery
6	1-303335	7	Tie-Plastic
7	1-643275	3	Relay
8	1-803071	4	Screw
9	3296-2	6	Nut-Lock
10	103-0205	1	Alarm-Tone, 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
24	1-807513	2	Bolt-CARR

Ref	Part No.	Qty.	Description
25	103-5218	1	Module-Delay, Seat
26	1-513374	1	Meter-Hour
27	103-5221	1	Switch-PTO
28	104-2541	1	Switch-Key
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Tooth
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



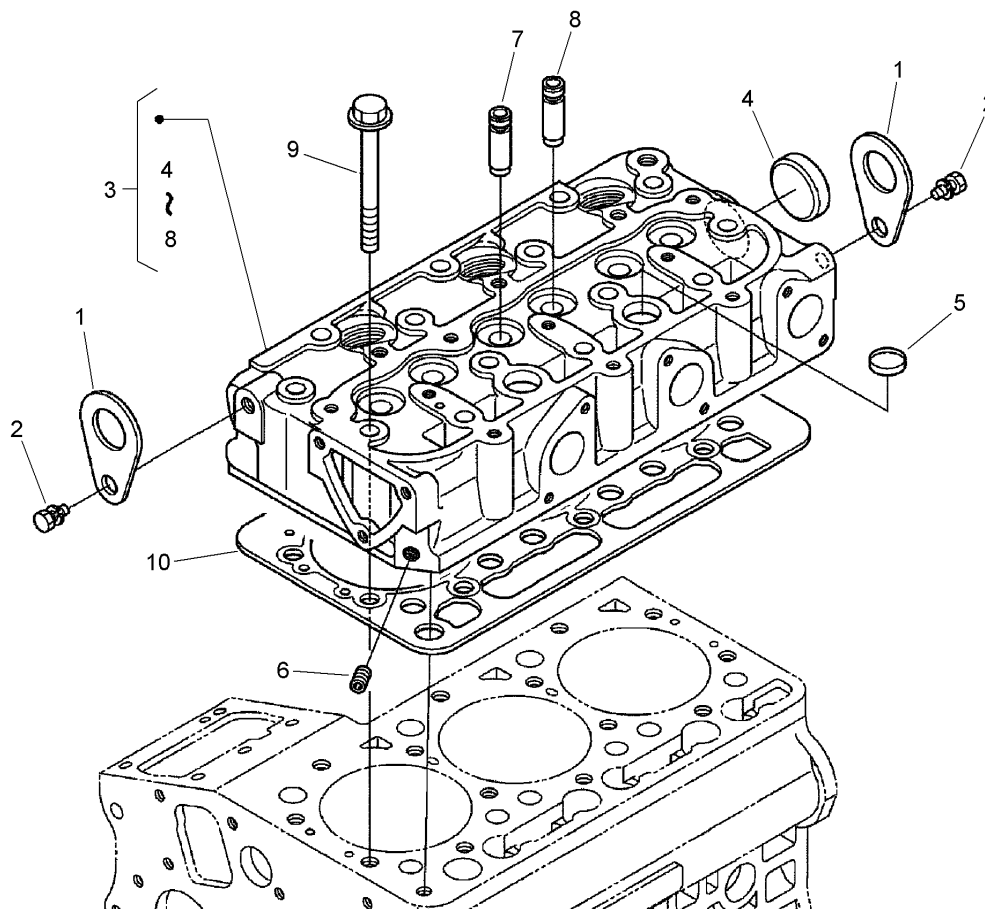
Crankcase Assembly

Ref	Part No.	Qty.	Description				
1	112-8324	1	Crankcase				
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	98-7540	5	Plug				
7	98-7487	3	Plug				
8	98-7488	1	Plug				
9	100-1851	1	Plug				
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				
16	98-7509	1	O-Ring				
17	98-9436	1	Drain Cock ASM				
18	100-2230	1	Switch-Oil				
19	99-3582	1	Thermoswitch				



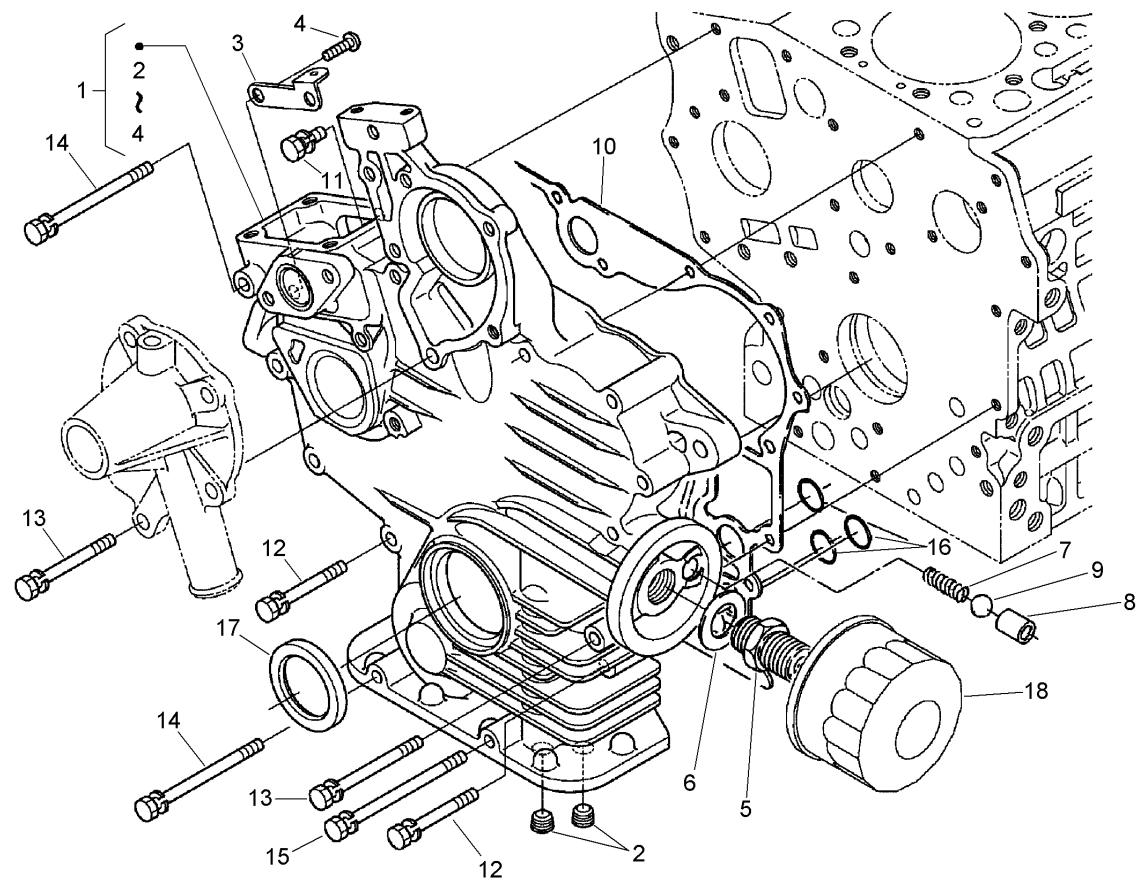
Oil Pan Assembly

Ref	Part No.	Qty.	Description				
1	110-3703	1	Oil Pan ASM				
2	98-9351	22	Bolt				
3	98-7523	1	Plug-Drain				
4	98-9399	1	Gasket				
5	100-2001	1	Strainer-Oil, Pick-Up				
6	100-2205	1	O-Ring				
7	100-9195	1	Bolt				
8	110-3704	1	Gasket				
9	108-6572	1	Plug-Drain				



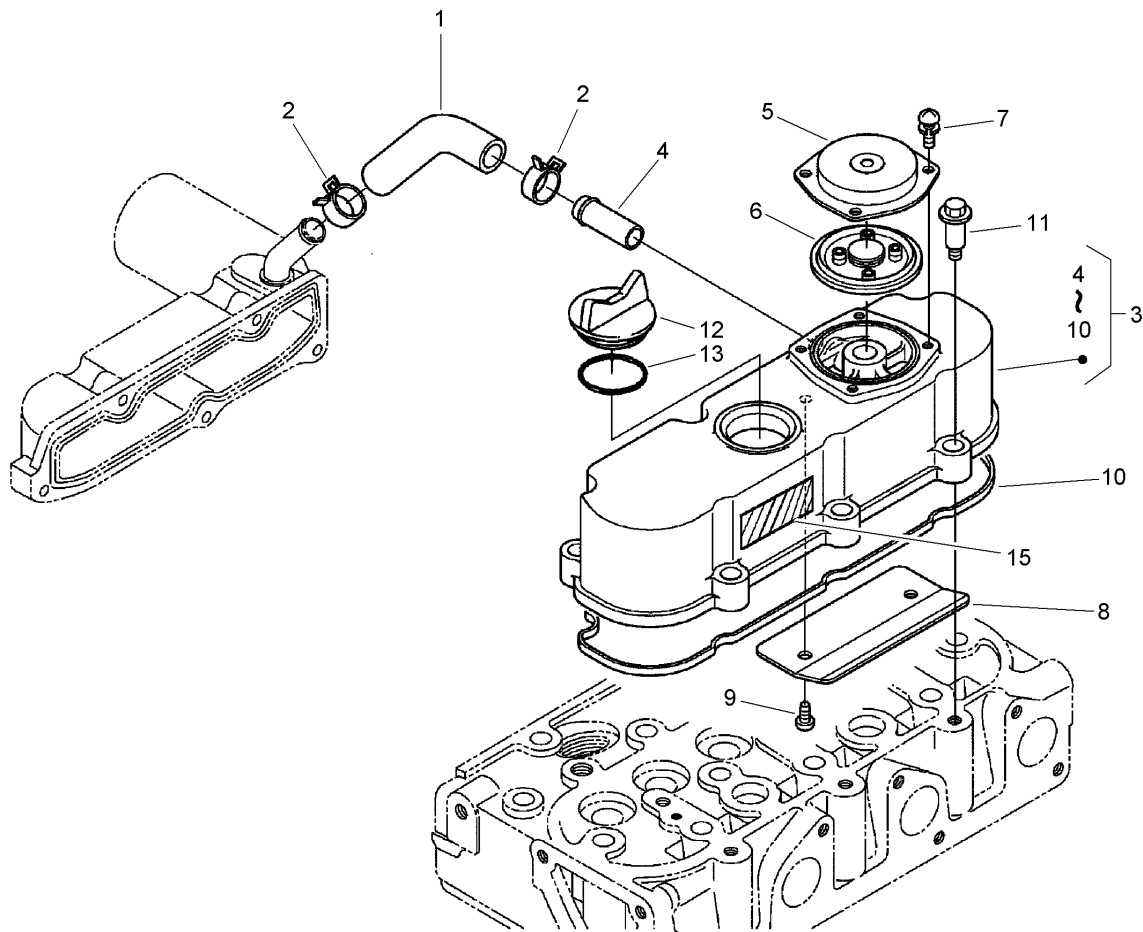
Cylinder Head Assembly

Ref	Part No.	Qty.	Description
1	98-7531	2	Hook-Engine
2	98-7526	2	Bolt
3	110-3705	1	Head-Cylinder
4	98-9395	1	Cap-Sealing
5	98-9389	2	Cap-Sealing
6	98-7540	1	Plug
7	100-1882	3	Guide-Valve, Inlet
8	100-1883	3	Guide-Valve, Exhaust
9	100-1820	14	Bolt-Head, Cylinder
10	110-3706	1	Gasket-Head, Cylinder



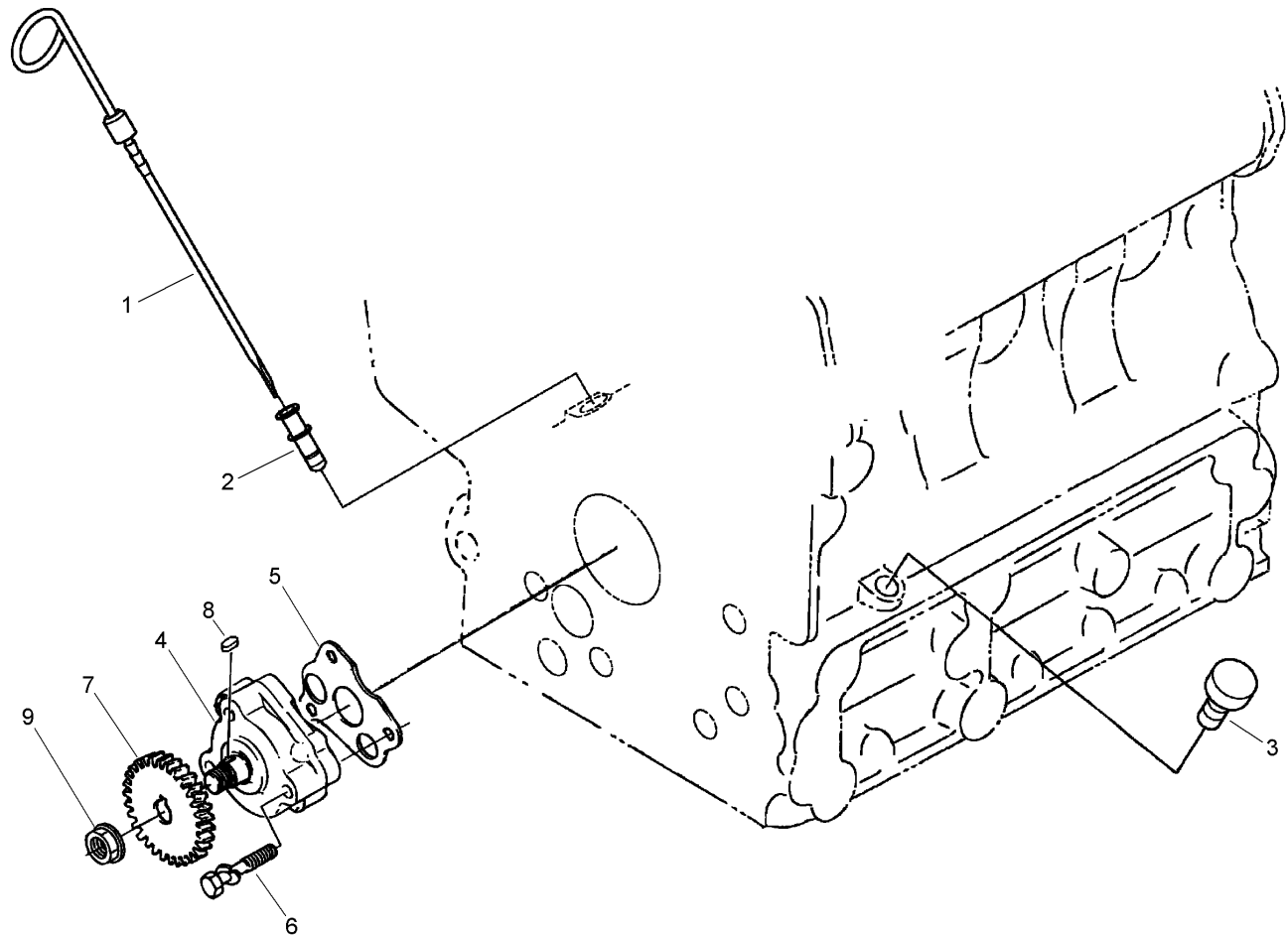
Gear Case and Oil Filter Cartridge Assembly

Ref	Part No.	Qty.	Description				
1	110-3707	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	98-9355	9	Bolt				
13	100-1922	2	Bolt				
14	98-9357	2	Bolt				
15	110-3710	1	Bolt				
16	100-1785	3	O-Ring				
17	100-1971	1	Seal-Oil				
18	100-1892	1	Cartridge-Filter, Oil				



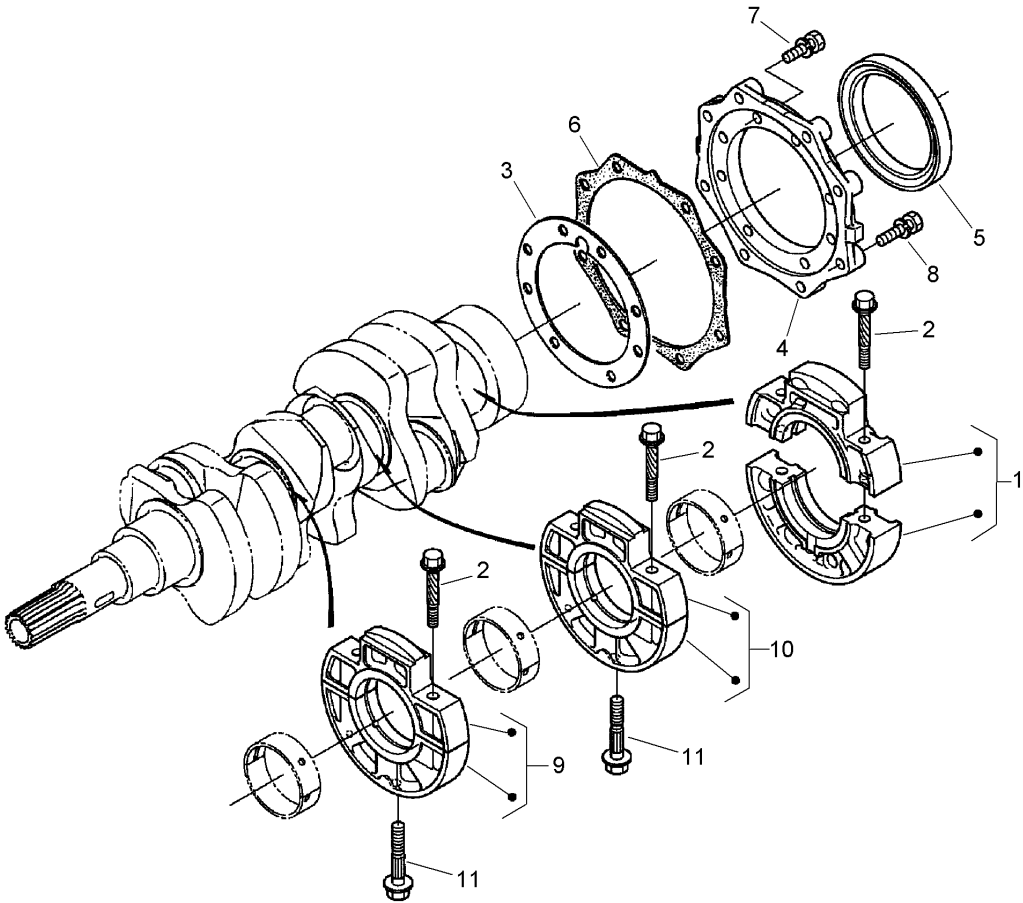
Head Cover Assembly

Ref	Part No.	Qty.	Description				
1	110-3711	1	Tube-Breather				
2	110-3712	2	Clamp-Hose				
3	110-3713	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 (W/Washer)				
8	110-3716	1	Shield-Breather				
9	100-2040	2	Screw				
10	110-3717	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				



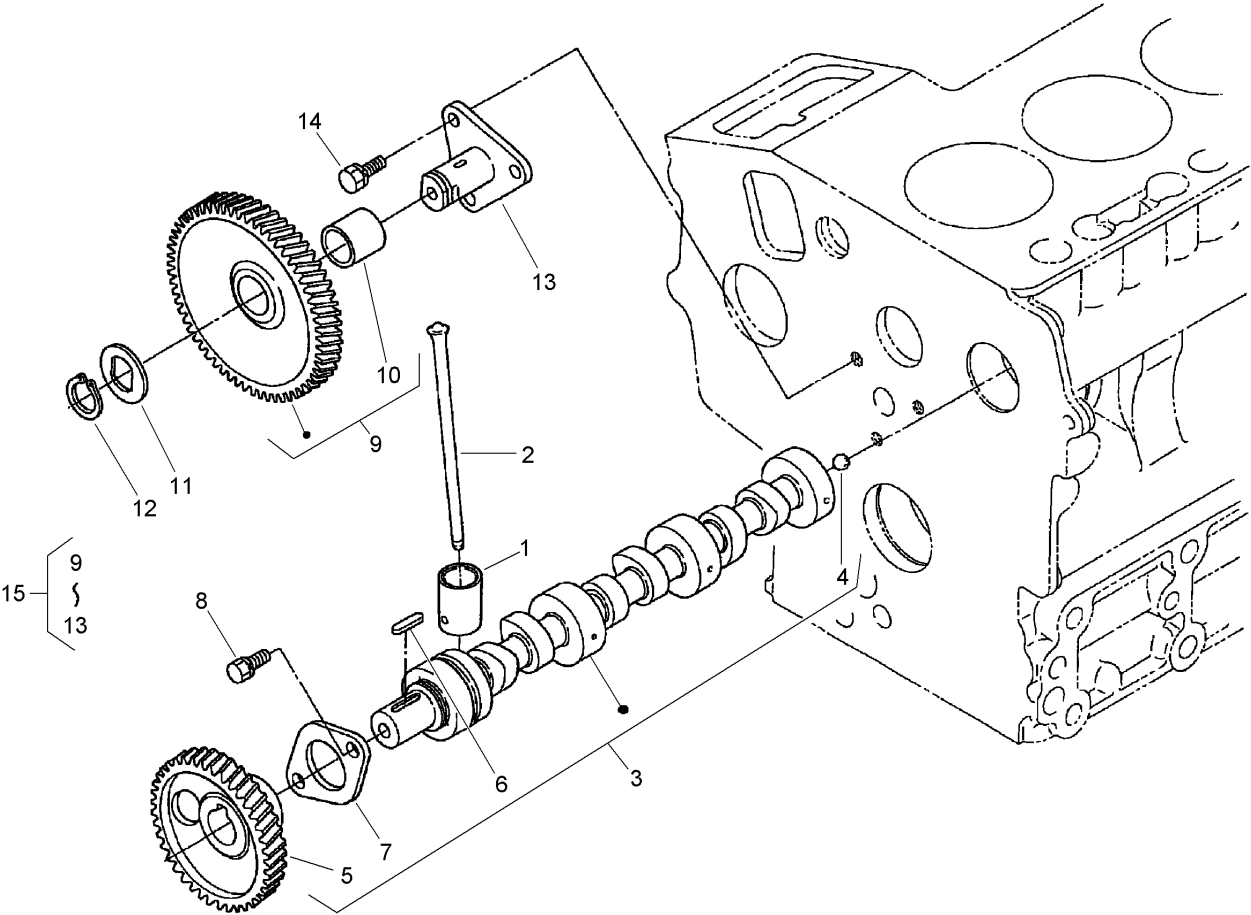
Dipstick, Guide and Oil Pump Assembly

Ref	Part No.	Qty.	Description
1	110-3719	1	Gauge-Oil
2	105-4580	1	Guide
3	110-3720	1	Plug-Gauge, Oil
4	100-2002	1	Oil Pump ASM
5	100-1958	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



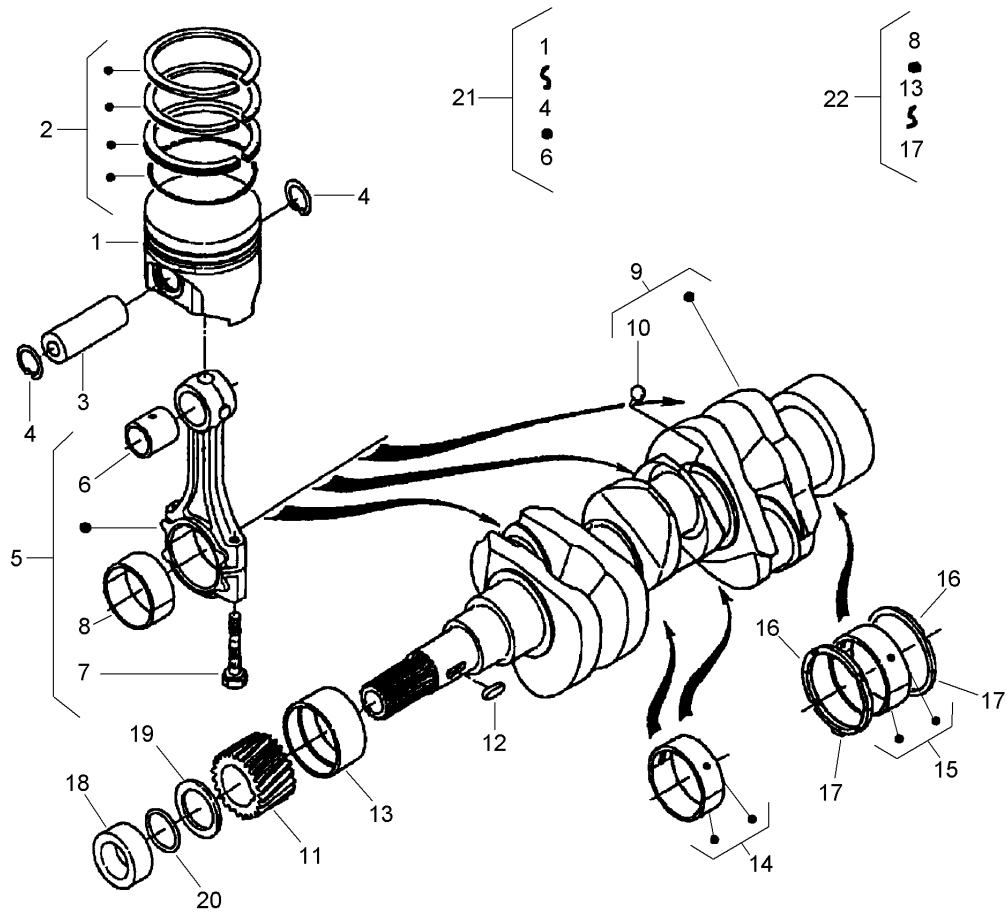
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
1	110-3722	1	Main Bearing Case ASM				
2	110-3723	6	Bolt-Case, Bearing				
3	100-1873	1	Gasket-Case, Bearing				
4	100-1875	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	110-3725	1	Main Bearing Case ASM				
10	112-8345	1	Main Bearing Case ASM				
11	100-1874	2	Bolt-Case, Bearing				



Camshaft and Idle Gear Shaft Assembly

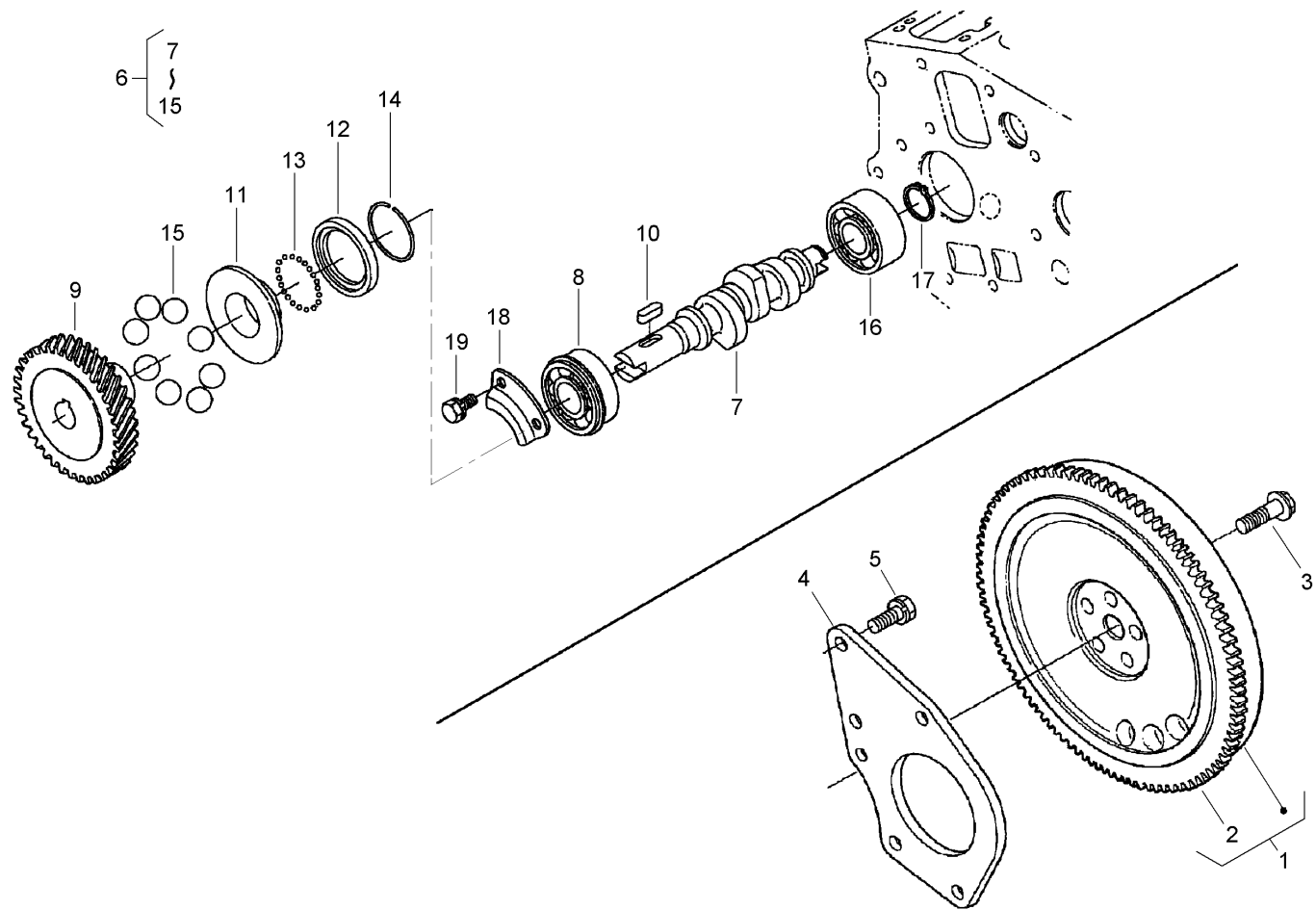
Ref	Part No.	Qty.	Description				
1	110-3727	6	Tappet				
2	100-1989	6	Rod-Push				
3	110-3728	1	Camshaft ASM				
4	110-3729	1	Ball				
5	100-2163	1	Gear-Cam				
6	98-9378	1	Key-Feather				
7	100-1887	1	Camshaft-Stopper				
8	98-9350	2	Bolt				
9	100-1966	1	Gear-Idle				
10	100-1968	1	Bushing				
11	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

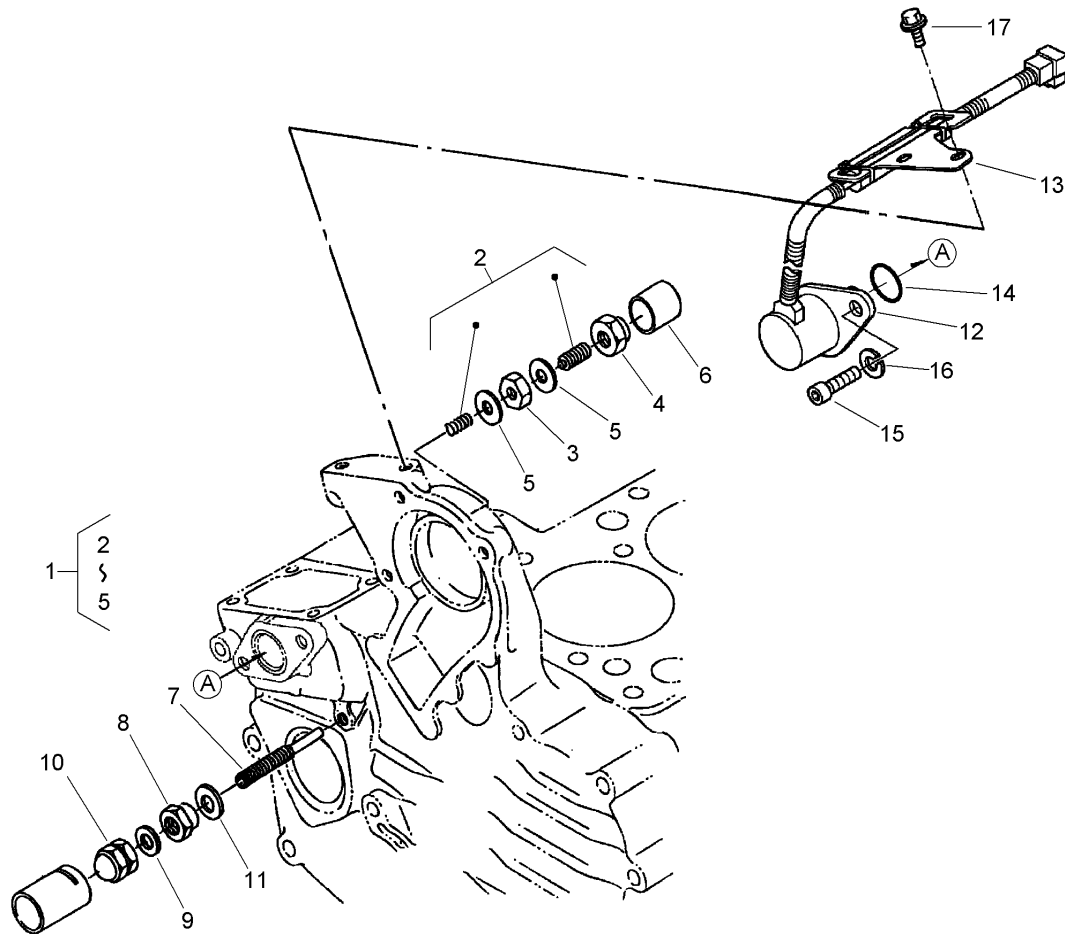
Ref	Part No.	Qty.	Description
1	110-3730	3	Piston
1	110-3731	3	Piston
2	110-3732	3	Piston Ring ASM (STD)
2	110-3733	3	Piston Ring ASM (+.25Mm)
3	110-3734	3	Pin-Piston
4	100-1835	6	Clip-Pin, Piston
5	110-3735	3	Connecting Rod ASM
6	110-3736	3	Bushing-Pin, Piston
7	100-1999	6	Bolt-Rod, Connecting
8	100-1942	3	Crankpin-Metal (-0.2Mm)
8	100-1943	3	Crankpin-Metal (-0.4Mm)
8	100-2000	3	Metal-Crankpin (STD)
9	110-3737	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 (STD)
13	110-3739	1	Metal-Crankshaft (-.20Mm)
13	110-3740	1	Metal-Crankshaft (-.40Mm)
14	110-3741	2	Crankshaft Metal ASM (STD)
14	110-3742	2	Crankshaft Metal ASM (-.20Mm)
14	110-3743	2	Crankshaft Metal ASM (-.40Mm)
15	110-3744	1	Crankshaft Metal ASM (STD)
15	110-3745	1	Crankshaft Metal ASM (-.20Mm)

Ref	Part No.	Qty.	Description
15	110-3746	1	Crankshaft Metal ASM (-.40Mm)
16	100-1836	2	Metal-Side (STD)
16	100-1838	2	Metal-Side (+0.2Mm)
16	100-1839	2	Metal-Side (+0.4Mm)
17	100-1837	2	Metal-Side (STD)
17	100-1840	2	Metal-Side (+0.2Mm)
17	100-1841	2	Metal-Side (+0.4Mm)
18	100-1890	1	Collar-Crankshaft
19	100-1974	1	Slinger-Oil
20	100-2209	1	O-Ring
21	110-3747	3	Piston Kit (STD)
21	110-3748	3	Piston Kit
22	110-3749	1	Engine Metal Kit
22	110-3750	1	Engine Metal Kit
22	110-3751	1	Engine Metal Kit



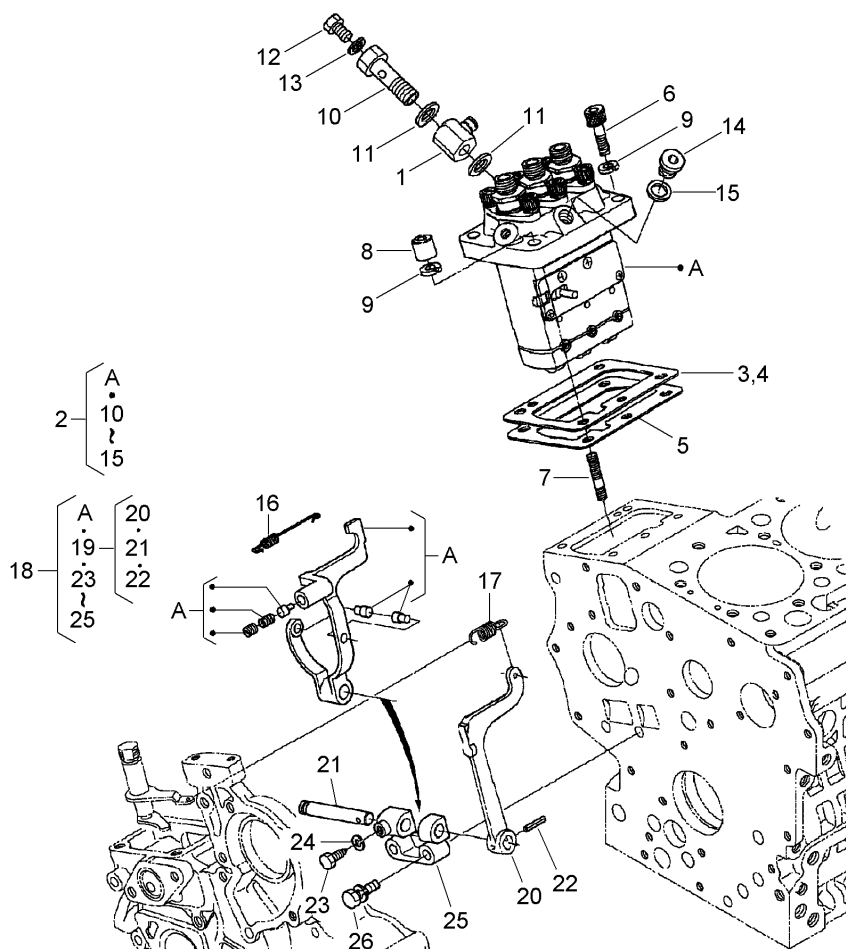
Flywheel, Fuel Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description				
1	110-3752	1	Flywheel				
2	100-2156	1	Gear-Ring				
3	100-1930	5	Bolt-Flywheel				
4	110-3753	1	Plate-End, Rear				
5	110-3754	3	Bolt				
6	110-3755	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	100-1903	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				



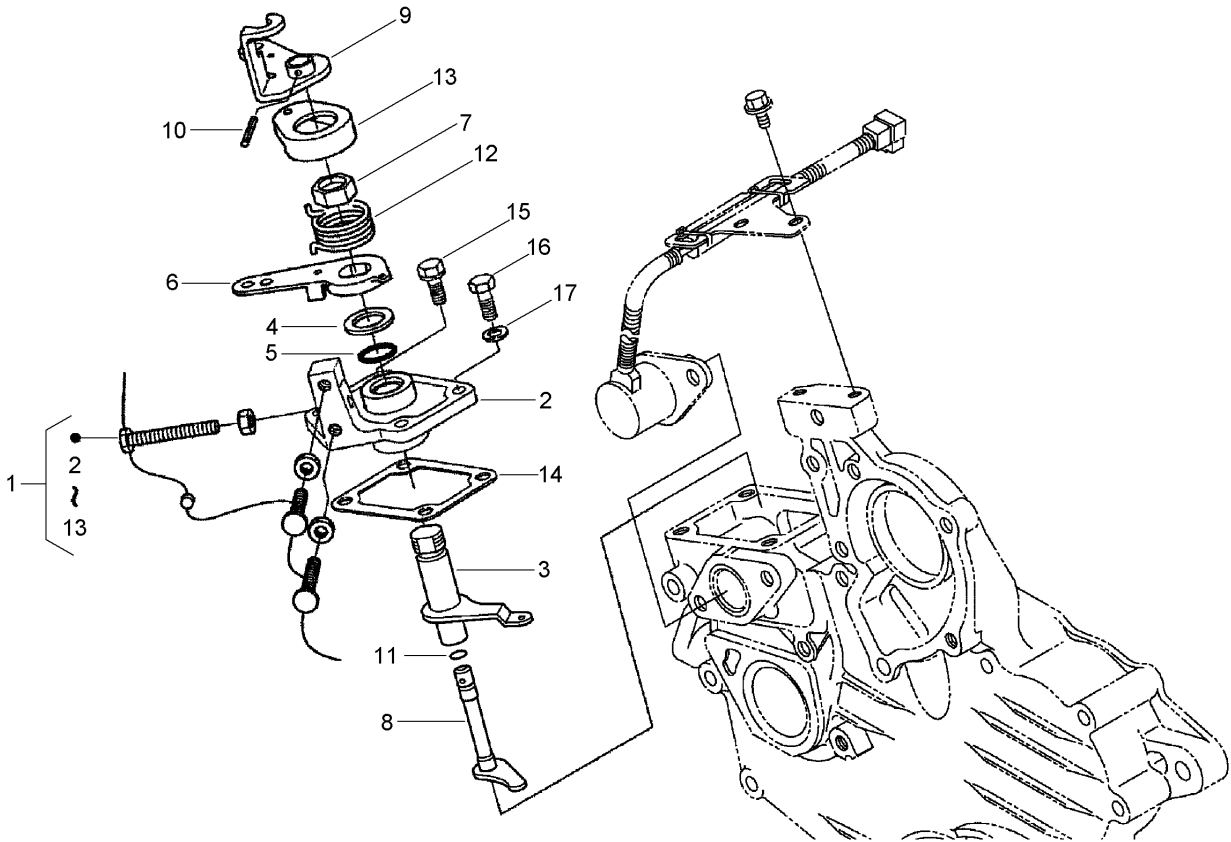
Idle Apparatus and Stop Solenoid Assembly

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	98-9441	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	98-7515	2	Washer-Spring				
17	100-1774	2	Bolt-Flange				



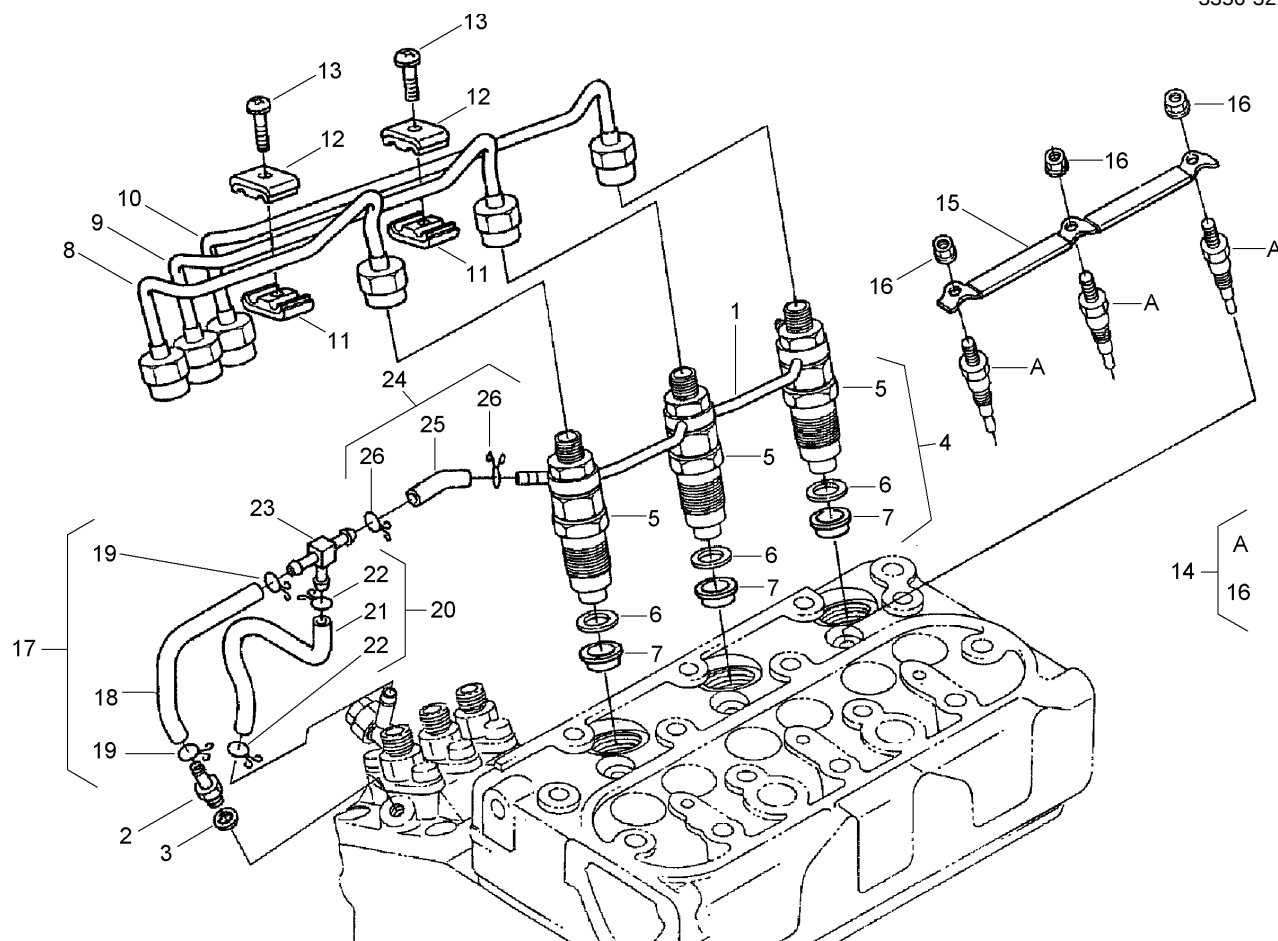
Injection Pump and Governor Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-3764	1	Joint	25	100-1909	1	Holder-Lever, Fork
2	110-3765	1	Injection Pump ASM	26	100-1763	2	Bolt
3	100-1951	1	Shim-Pump, Injection				
4	100-1952	1	Shim-Pump, Injection				
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	98-7515	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	110-3768	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	100-1783	1	Washer-Spring				



Speed Control Plate Assembly

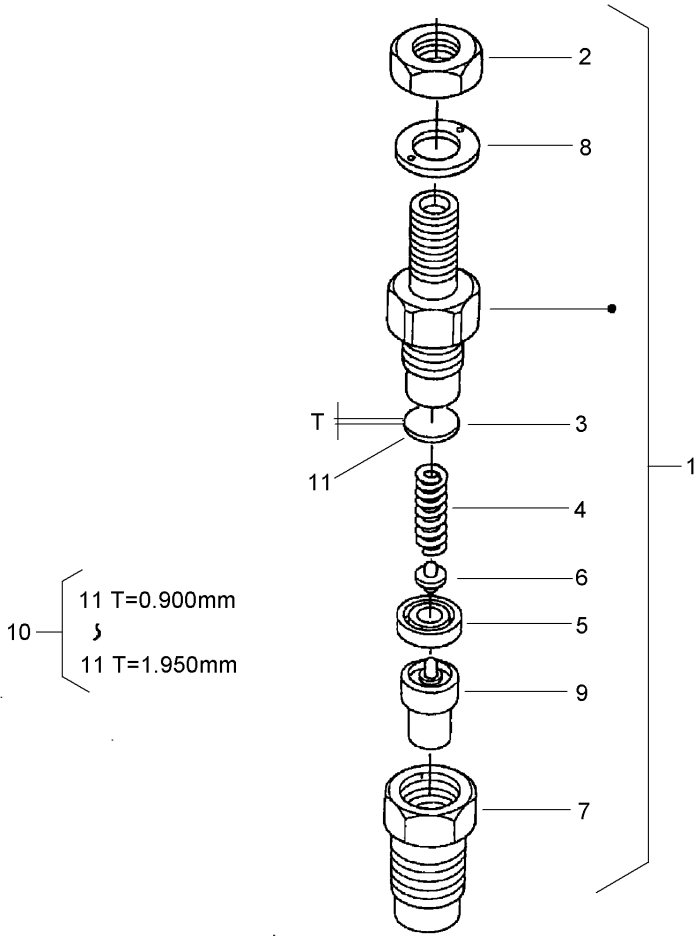
Ref	Part No.	Qty.	Description				
1	110-3769	1	Speed Control Plate ASM				
2	110-3770	1	Plate-Control, Speed				
3	110-3771	1	Lever-Governor				
4	110-3772	1	Collar				
5	100-2208	1	O-Ring				
6	110-3773	1	Lever-Control, Speed				
7	110-3774	1	Nut-Control, Speed				
8	110-3775	1	Shaft-Lever				
9	110-3776	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				
15	98-7605	2	Bolt				
16	99-8348	2	Bolt				
17	98-7654	2	Gasket				



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
3	98-7654	1	Gasket
4	100-1982	3	Nozzle Holder Kit
5	100-1760	3	Nozzle Holder ASM
6	98-7676	3	Gasket
7	98-7677	3	Seal
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	110-3789	1	Joint-T Pipe
24	110-3790	1	Fuel Tube ASM

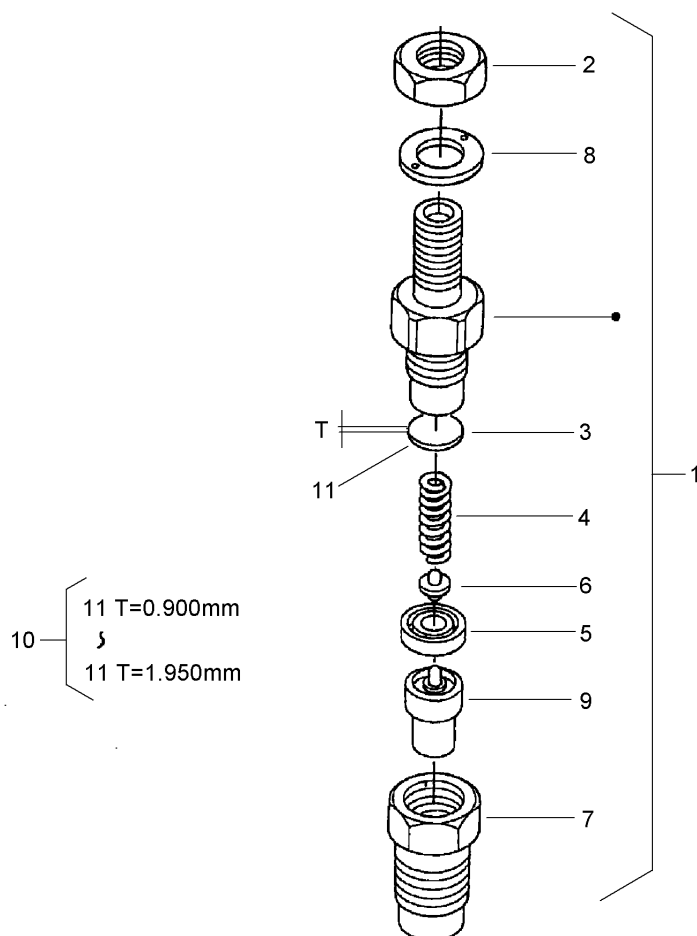
Ref	Part No.	Qty.	Description
25	110-3791	1	Tube-Fuel
26	98-9545	2	Band-Pipe



Nozzle Holder Assembly

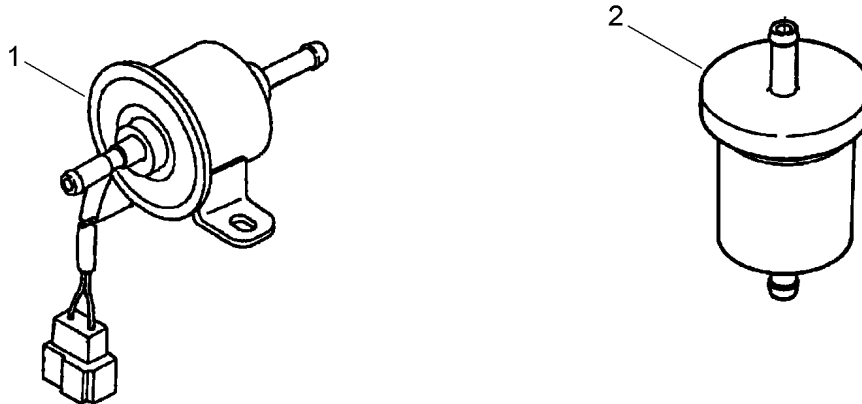
Ref	Part No.	Qty.	Description
1	100-1760	3	Nozzle Holder ASM
2	98-7613	3	Nut
3	98-7642	3	Washer-Adjusting
4	98-7647	3	Spring-Nozzle
5	98-7665	3	Spacer-Distance
6	98-7666	3	Rod-Push
7	98-7667	3	Nut-Nozzle
8	98-7668	3	Washer
9	100-2009	3	Piece-Nozzle
10	98-9448	3	Adjusting Washer ASM
11	98-7642	3	Washer-Adjusting
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

Ref	Part No.	Qty.	Description
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



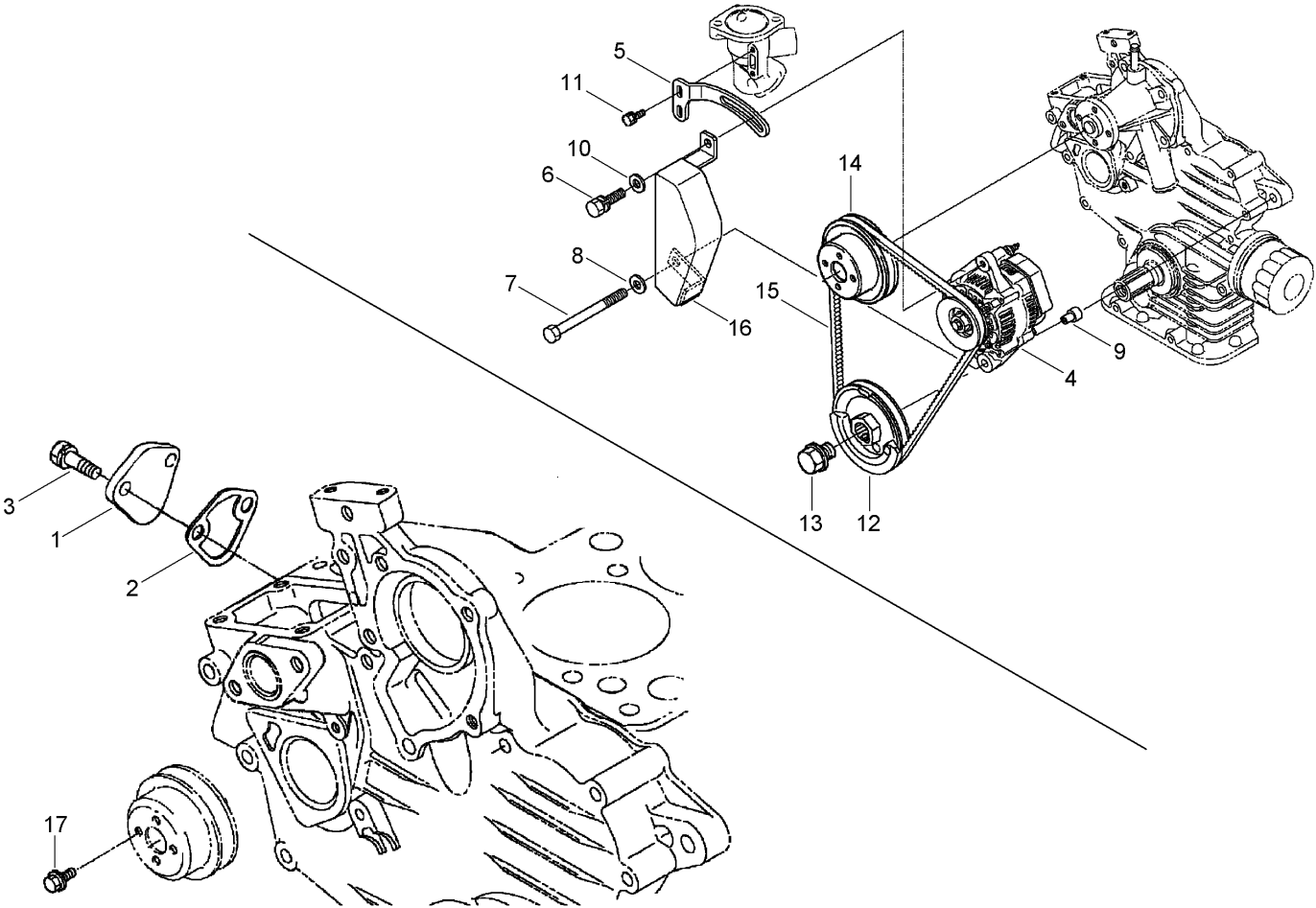
Nozzle Holder Assembly (continued)

Ref	Part No.	Qty.	Description
11	98-7878	3	Washer-Adjusting
11	98-7879	3	Washer-Adjusting
11	98-7880	3	Washer-Adjusting
11	98-7881	3	Washer-Adjusting
11	98-7882	3	Washer-Adjusting



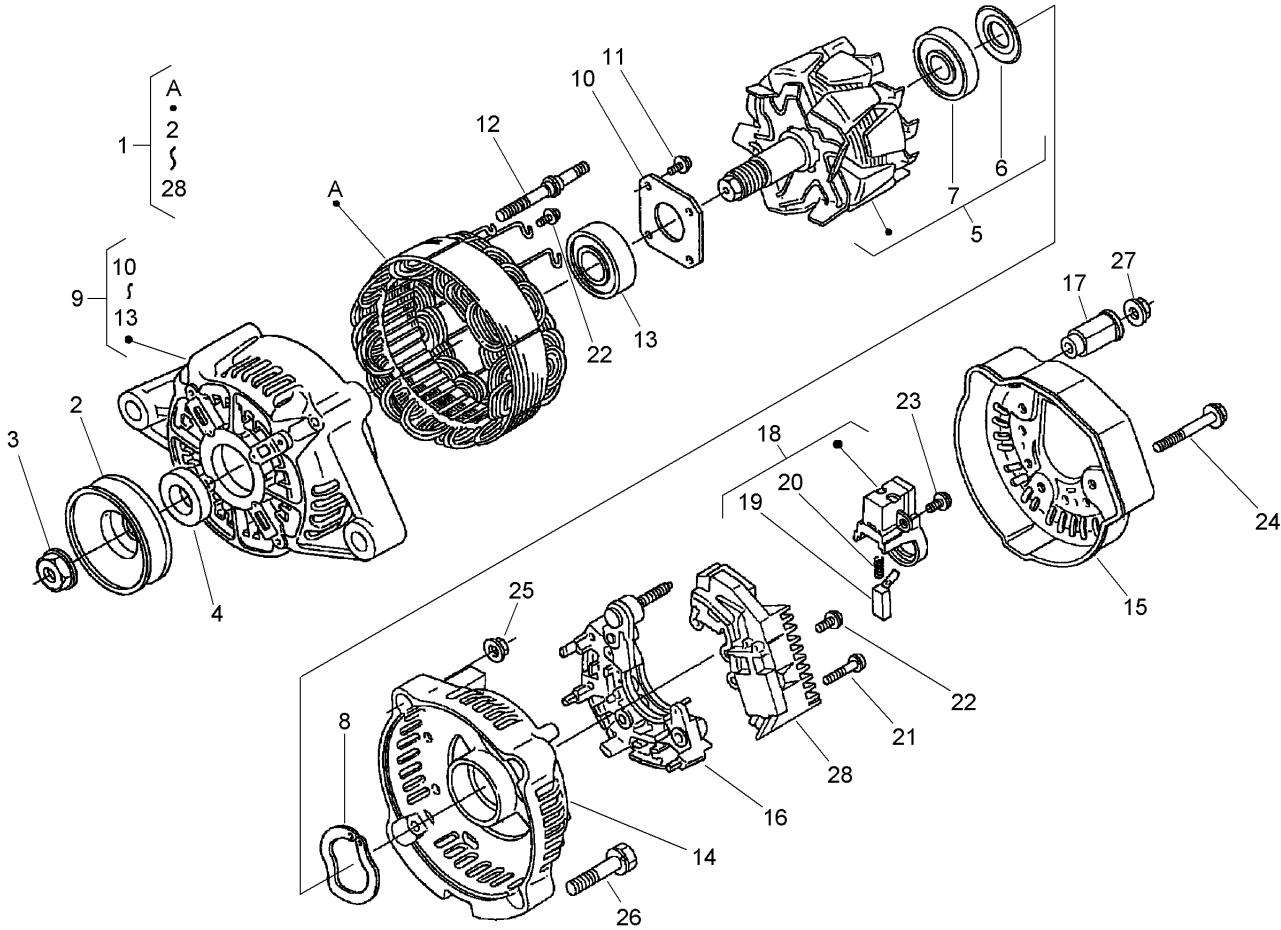
Fuel Pump and Fuel Filter Assembly

Ref	Part No.	Qty.	Description
1	107-0122	1	Pump-Fuel, Electric
2	98-7612	2	Filter-Fuel



Alternator, Pulley and Fuel Pump Cover Assembly

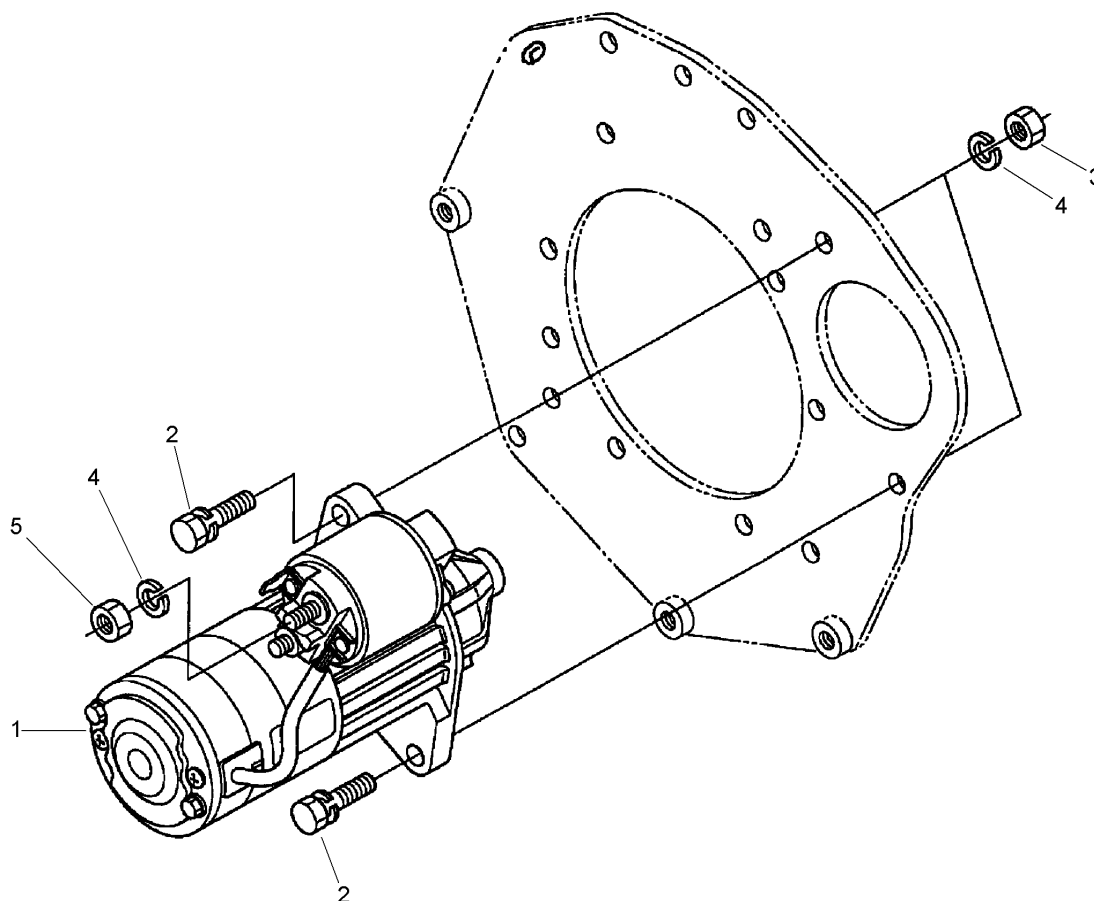
Ref	Part No.	Qty.	Description				
1	99-3514	1	Cover				
2	100-1961	1	Gasket-Pump, Fuel				
3	98-7692	2	Bolt				
4	98-9474	1	Alternator ASM				
5	110-3792	1	Stay-Alternator				
6	98-7697	1	Bolt				
7	110-3793	1	Bolt				
8	98-7660	1	Washer-Plain				
9	110-3794	1	Collar				
10	100-9233	1	Washer-Plain				
11	98-7692	2	Bolt				
12	110-3795	1	Pulley-Drive, Fan				
13	100-1978	1	Bolt				
14	100-1921	1	Pulley-Fan				
15	110-3796	1	V Belt				
16	110-3797	1	Cover				
17	99-8363	4	Bolt-Flange				



Alternator Assembly

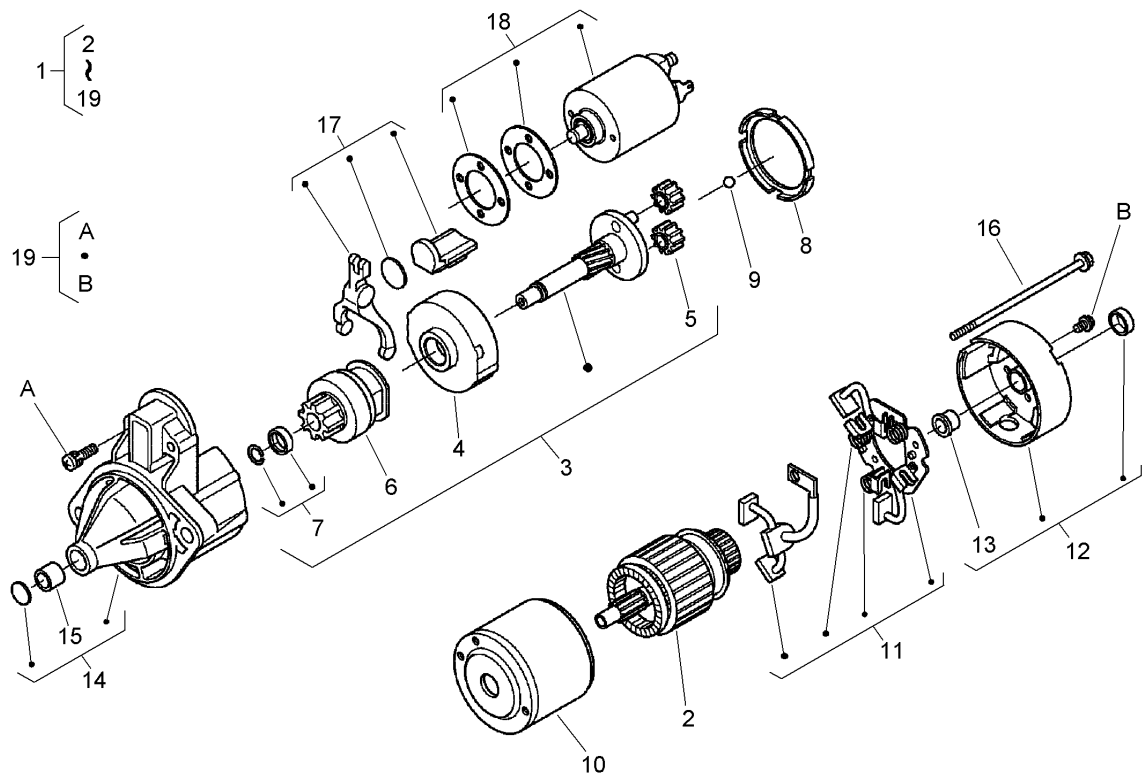
Ref	Part No.	Qty.	Description
1	98-9474	1	Alternator ASM
2	98-9453	1	Pulley-Dynamo
3	98-7708	1	Nut
4	98-7709	1	Collar
5	107-0136	1	Rotor
6	98-7711	1	Cover-Bearing
7	107-0138	1	Bearing-Ball
8	98-7713	1	Washer-Thrust
9	107-0139	1	Drive End Frame ASM
10	98-7715	1	Plate-Retainer
11	98-7716	4	Screw-Head, Round
12	98-7717	2	Bolt-Through
13	107-0137	1	Bearing-Ball
14	107-9087	1	Frame-End
15	107-0140	1	Cover-End
16	98-7721	1	Rectifier ASM
17	98-7722	1	Bushing-Insulation
18	107-0141	1	Holder-Brush
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

Ref	Part No.	Qty.	Description
25	98-7730	2	Nut
26	98-7731	2	Bolt
27	98-7732	1	Nut
28	110-3799	1	Regulator ASM



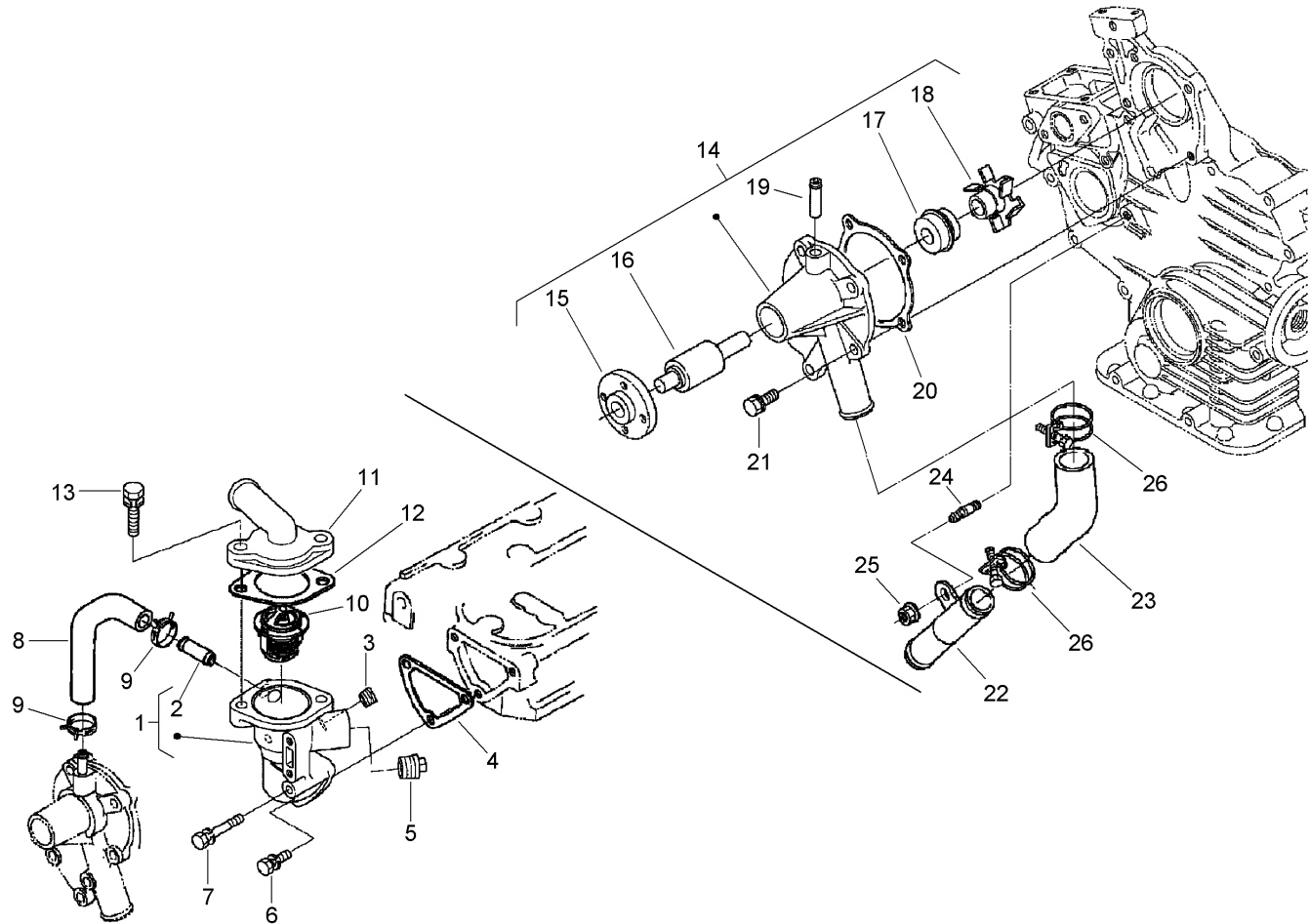
Starter Installation Assembly

Ref	Part No.	Qty.	Description
1	110-3800	1	Starter ASM
2	100-1770	2	Bolt
3	98-7661	2	Nut
4	98-7535	3	Washer-Spring
5	98-7534	2	Nut



Starter Assembly

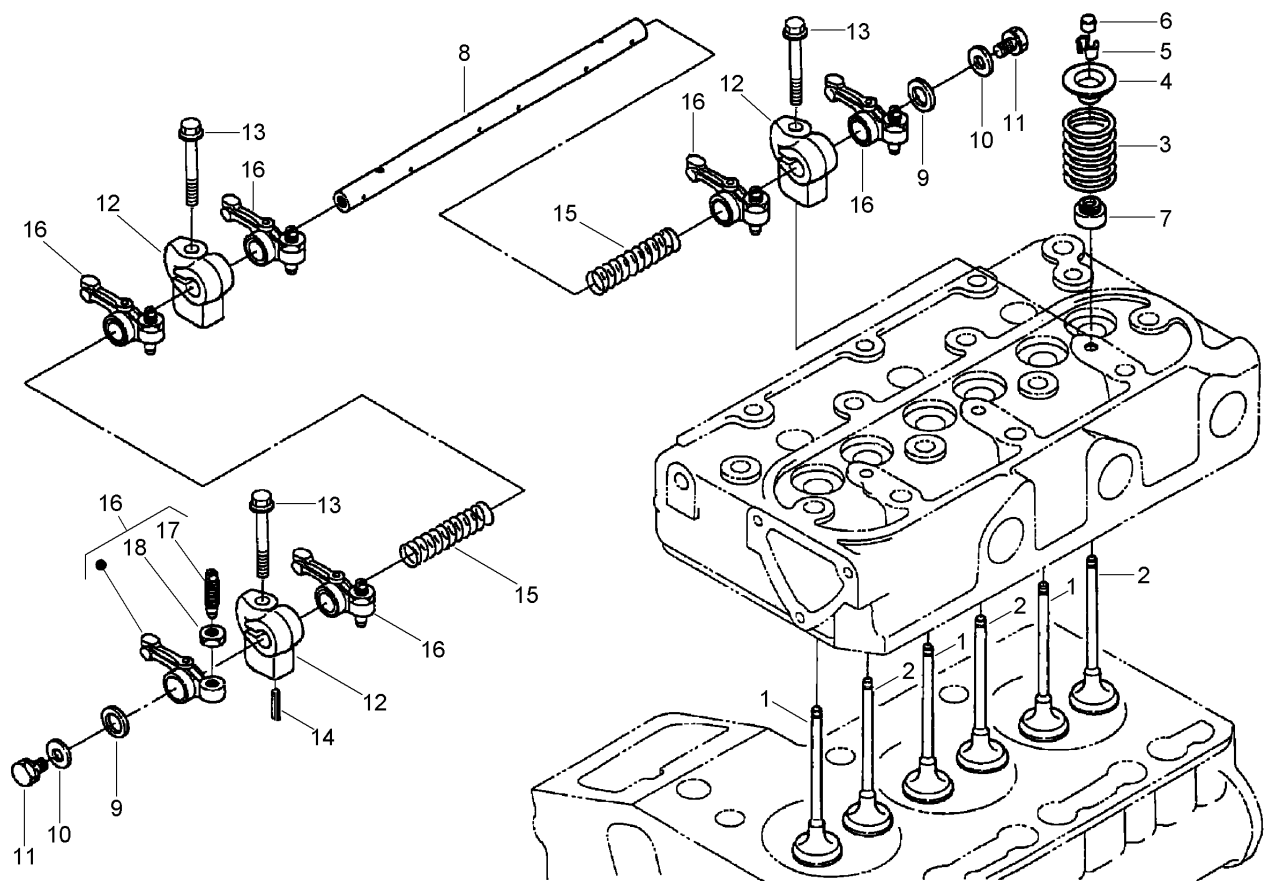
Ref	Part No.	Qty.	Description				
1	110-3800	1	Starter ASM				
2	110-3801	1	Armature				
3	110-3802	1	Shaft ASM				
4	110-3803	1	Gear-Internal				
5	110-3804	3	Gear-Planetary				
6	110-3805	1	Clutch-Running, Over				
7	110-3806	1	Stopper				
8	110-3807	1	Gasket				
9	110-3808	1	Ball				
10	110-3809	1	Yoke				
11	110-3810	1	Brush Holder ASM				
12	110-3811	1	Rear Bracket ASM				
13	110-3812	1	Bush				
14	110-3813	1	Front Bracket ASM				
15	110-3814	1	Bush				
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, Pump, Pipe and Thermostat Assembly

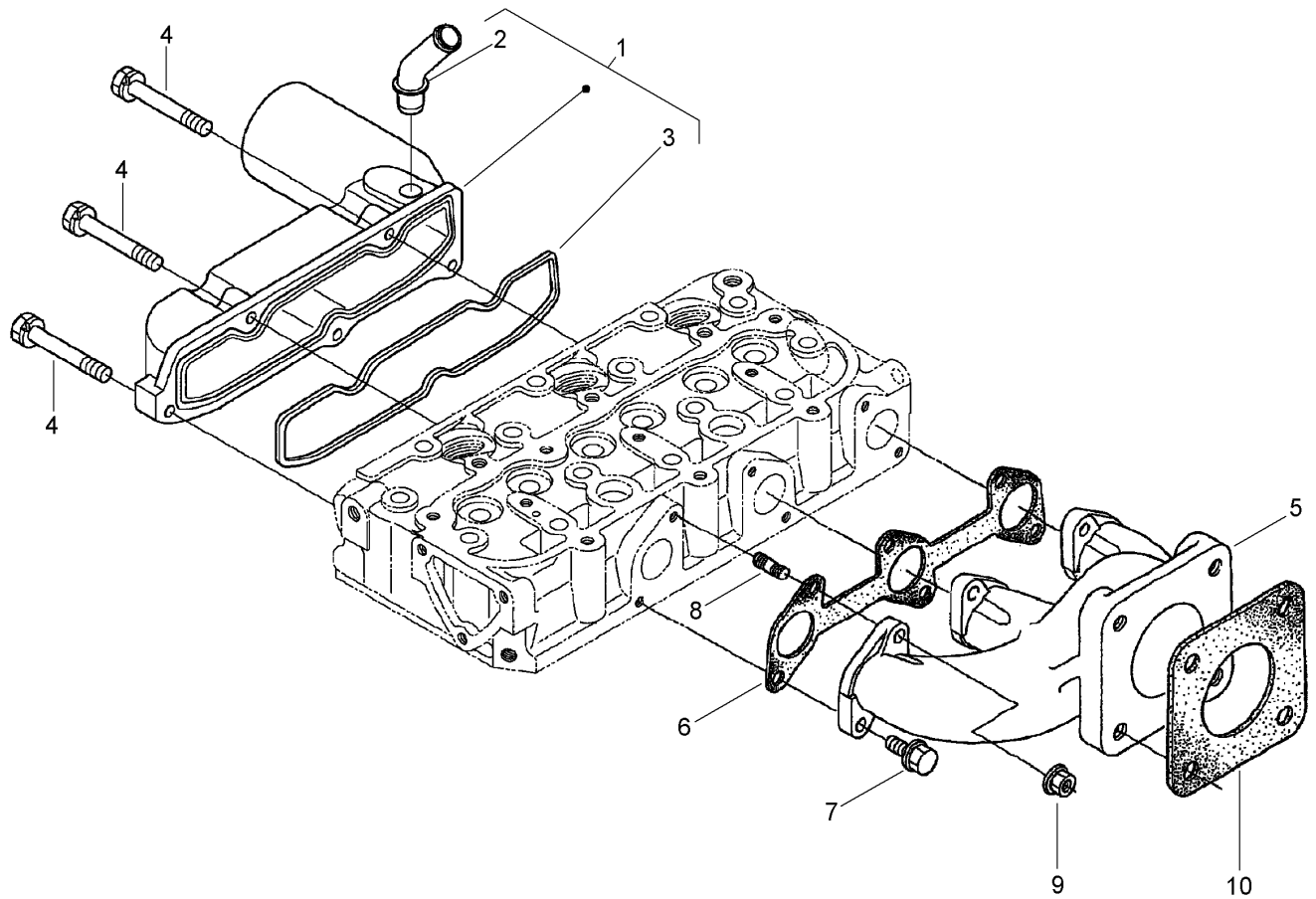
Ref	Part No.	Qty.	Description
1	110-3819	1	Flange-Water
2	98-9580	1	Pipe-Return, Water
3	98-9444	1	Plug
4	110-3820	1	Gasket-Flange, Water
5	110-3821	1	Plug
6	98-7692	2	Bolt
7	98-9355	1	Bolt
8	110-3822	1	Pipe-Return, Water
9	98-9579	2	Band-Pipe
10	98-7778	1	Thermostat ASM
11	110-3823	1	Cover-Thermostat
12	98-7776	1	Gasket
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



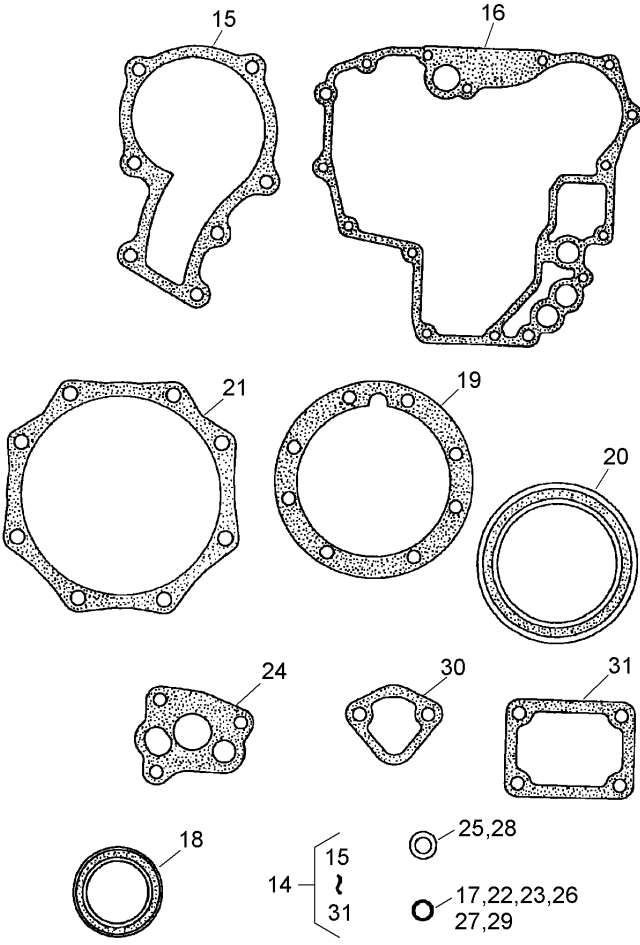
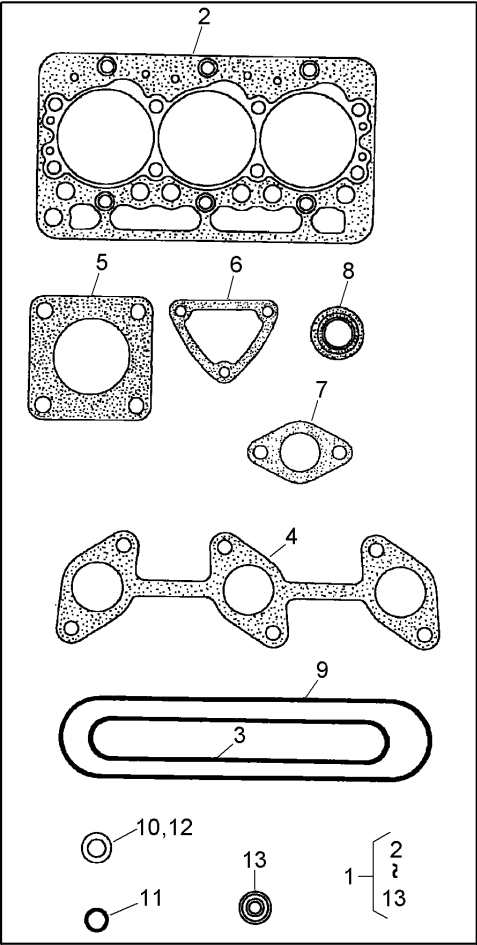
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
1	110-3829	3	Valve-Inlet				
2	110-3830	3	Valve-Exhaust				
3	100-1823	6	Spring-Valve				
4	100-1825	6	Retainer-Spring, Valve				
5	100-1826	6	Collet-Spring, Valve				
6	100-1824	6	Cap-Valve				
7	100-1797	6	Seal-Stem, Valve				
8	110-3831	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	110-3835	2	Spring				
16	100-1884	6	Rocker Arm ASM				
17	100-1885	6	Screw-Adjusting				
18	100-1827	6	Nut				



Inlet and Exhaust Manifold Assembly

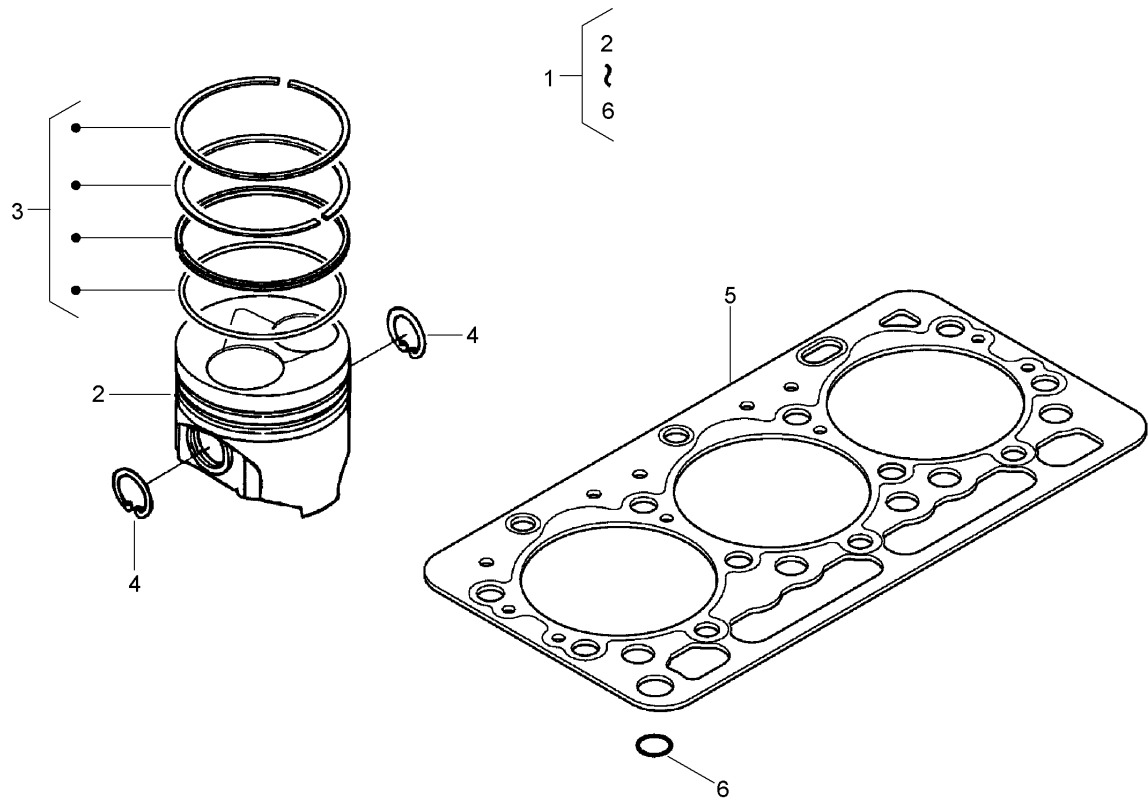
Ref	Part No.	Qty.	Description				
1	110-3836	1	Inlet Manifold ASM				
2	110-3837	1	Pipe-Breather				
3	110-3838	1	Gasket-Manifold, Intake				
4	98-9352	5	Bolt				
5	110-3839	1	Manifold-Exhaust				
6	110-3840	1	Gasket-Manifold, Exhaust				
7	100-1775	3	Bolt				
8	100-2202	3	Stud				
9	100-1778	3	Nut				
10	99-8343	1	Gasket-Muffler				



Gasket Kit

Ref	Part No.	Qty.	Description
1	110-3844	1	Upper Gasket Kit
2	110-3706	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
7	98-7776	1	Gasket
8	100-1797	6	Seal-Stem, Valve
9	110-3717	1	Gasket-Cover, Head
10	110-3846	1	O Ring-Breather
11	99-3446	1	O-Ring
12	98-7676	3	Gasket
13	98-7677	3	Seal
14	110-3847	1	Lower Gasket Kit
15	100-1976	1	Gasket-Pump, Water
16	110-3707	1	Case-Gear
17	98-7509	1	O-Ring
18	100-1971	1	Seal-Oil
19	100-1873	1	Gasket-Case, Bearing
20	110-3724	1	Seal-Oil
21	100-1876	1	Gasket-Case, Bearing
22	100-1785	3	O-Ring
23	100-2209	1	O-Ring
24	100-1958	1	Gasket-Pump, Oil

Ref	Part No.	Qty.	Description
25	98-7654	3	Gasket
26	100-2208	1	O-Ring
27	100-2207	1	O-Ring
28	98-9399	3	Gasket
29	100-2205	1	O-Ring
30	100-1961	1	Gasket-Pump, Fuel
31	100-1962	1	Gasket



Piston Kit

Ref	Part No.	Qty.	Description				
1	110-3848	1	Piston Kit				
2	110-3730	3	Piston				
3	110-3732	3	Piston Ring ASM (STD)				
4	100-1835	6	Clip-Pin, Piston				
5	110-3706	1	Gasket-Head, Cylinder				
6	98-7509	1	O-Ring				

Attachments and Accessories

For 74265TE - Z593-D Z Master, With 152cm 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
60 Inch 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
DFS Vac Collection System Mounting Kit	110-0891
DFS Pulley Kit	110-3944
DFS Bagger Gusset Kit	110-3946
Sunshade-Bimini	110-5726
Channel Reinforcement Kit	112-8674
DFS Vac Collection System	78514
Chute Gate Kit	78521
Filter Minder Gauge	99-4664
Hitch Kit	99-8925

NOTES

