



Z597-D Z Master[®] With 152cm TURBO FORCE Side Discharge Mower

Model No. 74268TE - 250000001 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

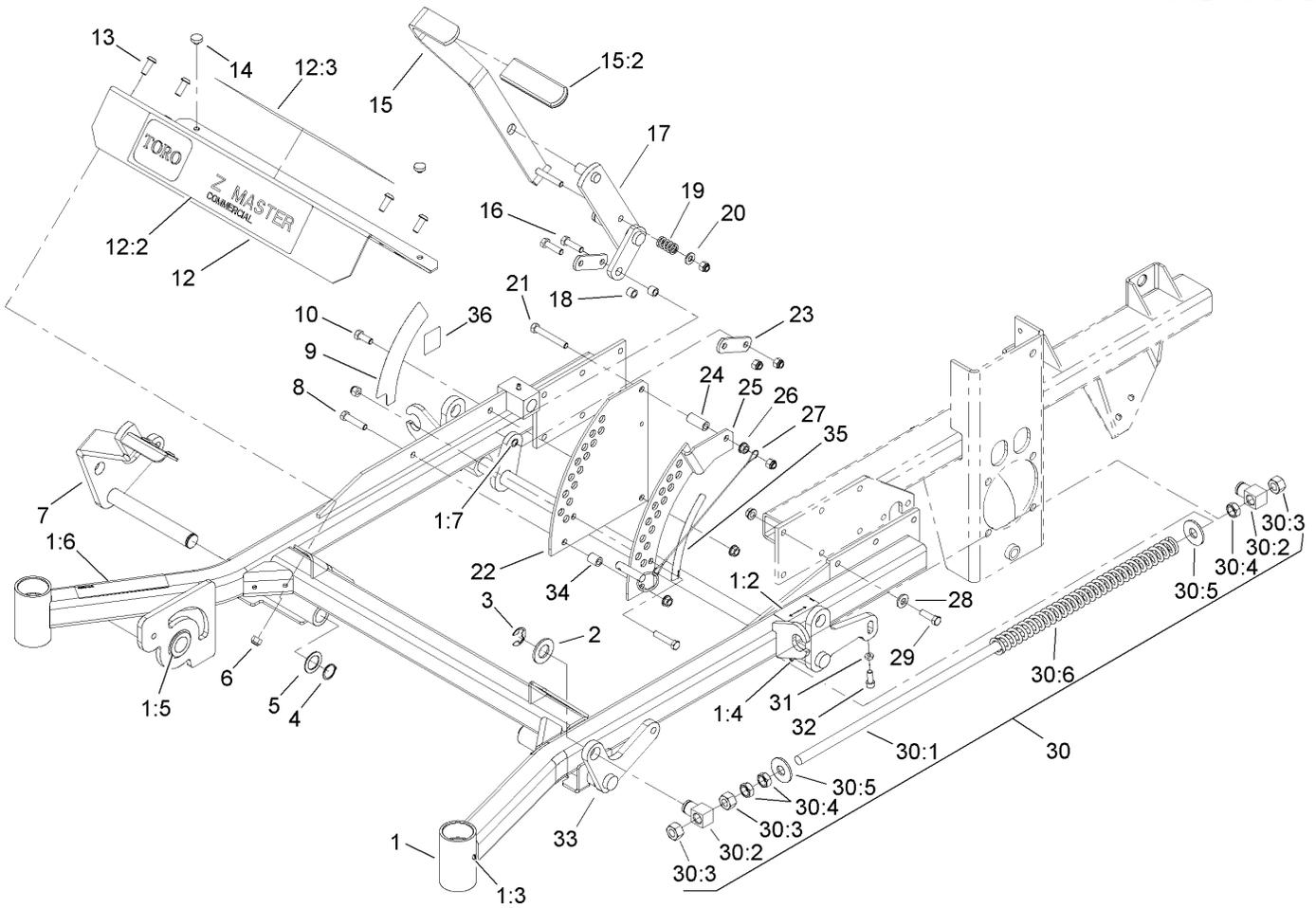
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

❶ Not illustrated

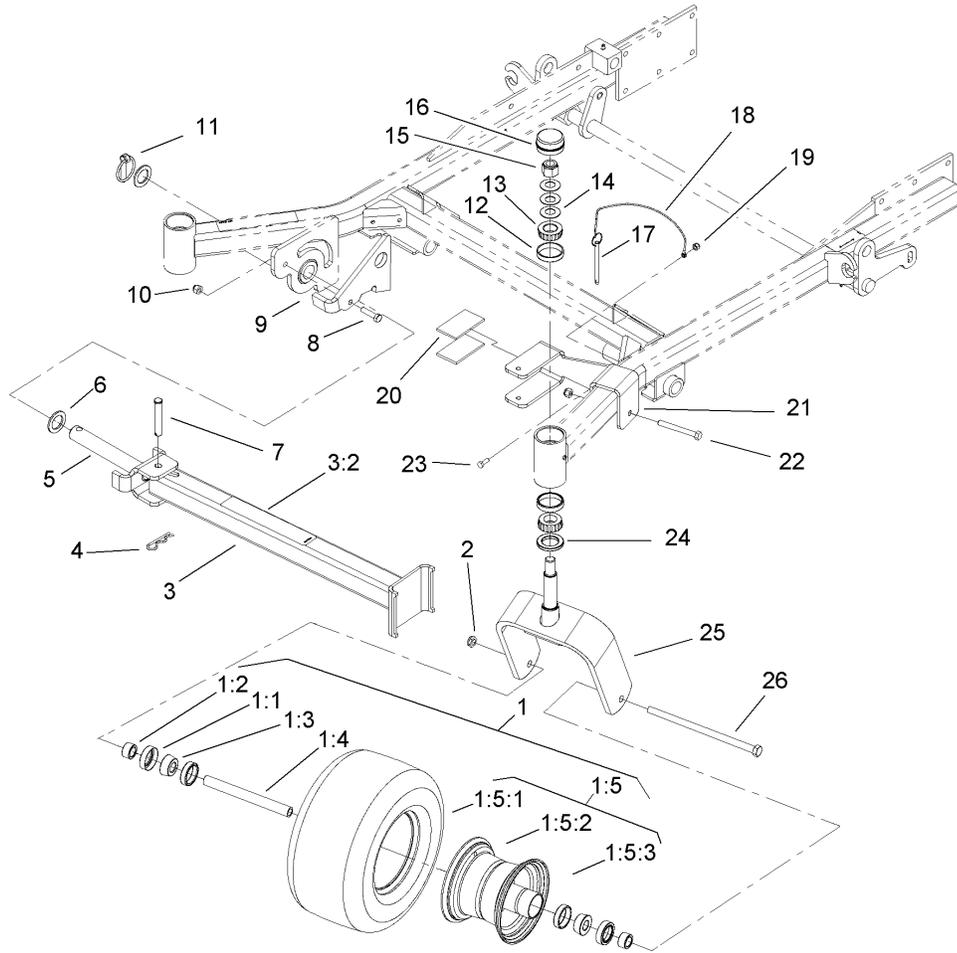
❷ Not serviced separately



Front Frame Assembly

Ref	Part No.	Qty.	Description
1	107-3980	1	Front 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	9	Nut-Lock, NI
7	106-8983-01	1	RH Deck Lift ASM
8	323-9	2	Screw-HH
9	107-3961	1	Decal-Deck Height, Large
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	103-2084	1	Lift Lever/Grip ASM
15:2	1-633295	1	Grip-Lever, Lift
16	323-29	2	Screw-HH

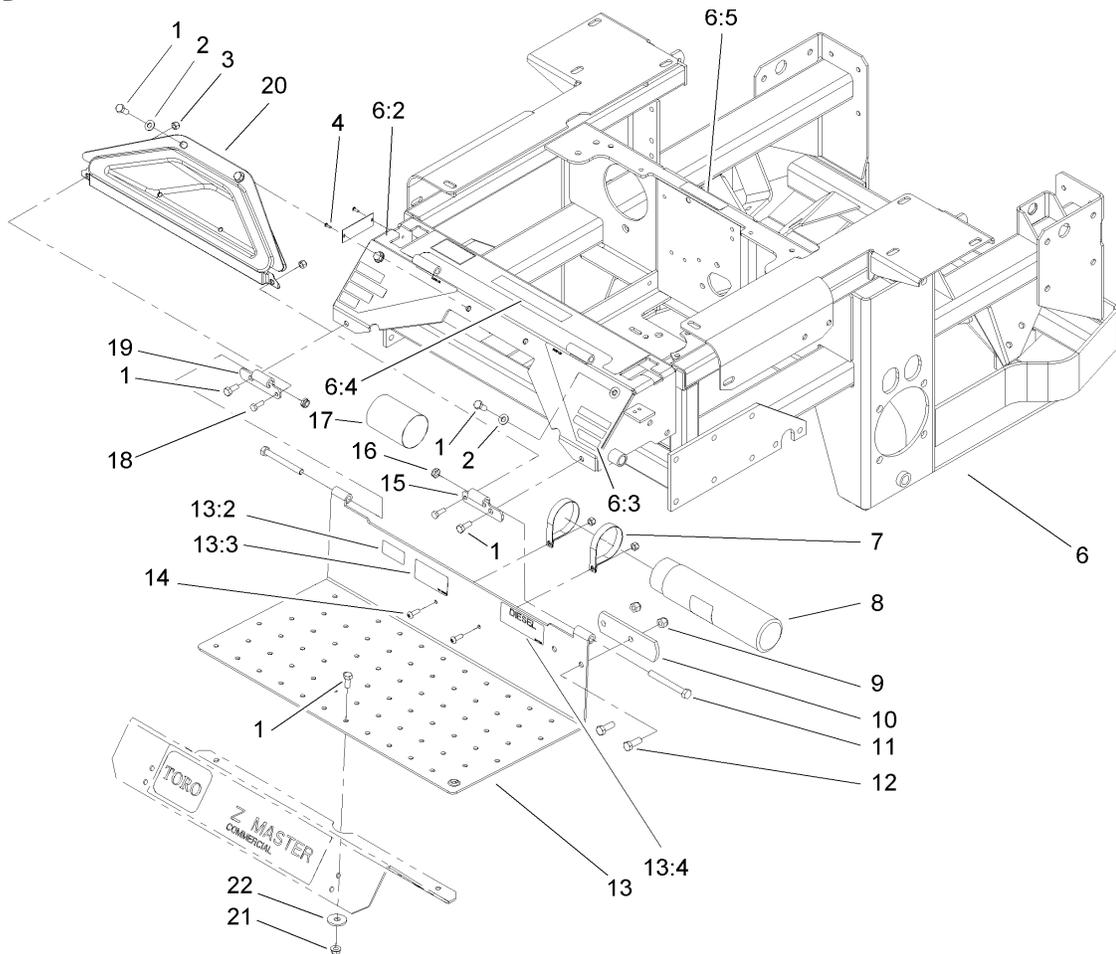
Ref	Part No.	Qty.	Description
17	103-2064-03	1	Arm-Lift, Deck
18	103-1918	2	Bushing
19	1-633325	1	Spring-Compression
20	3256-24	1	Washer-Flat
21	323-13	1	Screw-HH
22	1-633889-01	1	Plate-Lift, Deck
23	1-633068	2	Arm-Lift, Deck
24	1-633082	1	Bushing-Lever, Lift
25	1-632899-01	1	Plate-Lift, Deck
26	3290-357	15	Nut-HHF
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	3	Nut-Hex
30:4	3218-6	3	Nut-Jam
30:5	3256-7	2	Washer-Flat
30:6	1-643015	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 and Z Stand Assembly

Ref	Part No.	Qty.	Description
1	1-644251	2	Caster 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	1-523009	1	Wheel & Tire ASM
1:5:1	1-523009	1	Tire
1:5:2	1-633987	1	Wheel
1:5:3	1-633584	2	Bearing-Cup
2	3296-45	2	Nut-Lock, NI
3	107-1874	1	Leg ASM
3:2	106-7464	1	Decal
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

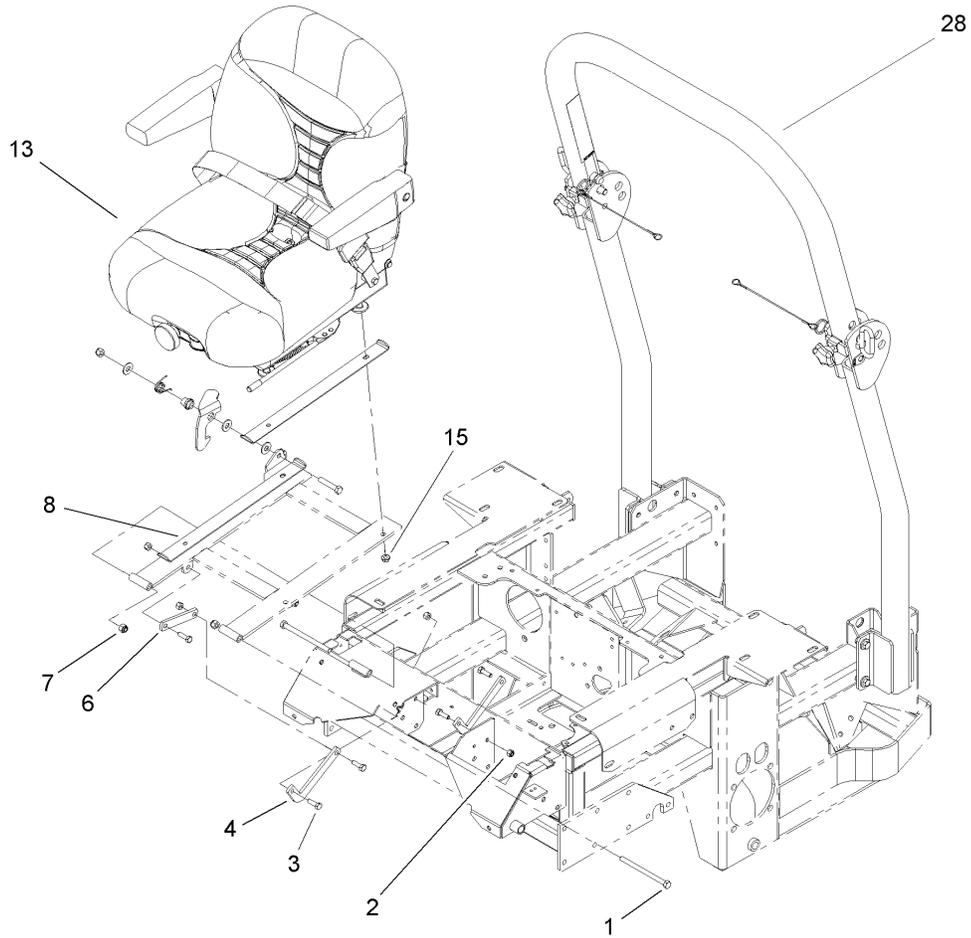
Ref	Part No.	Qty.	Description
16	1-543513	2	Cap-Grease
17	105-1647	1	Pin-Hitch, Cotterless
18	100-9385	1	Lanyard-Nylon
19	3296-42	1	Nut-Lock, NI
20	100-6547	2	Cushion-Rubber
21	100-6542-01	1	Bracket-Cradle
22	323-20	1	Screw-HH
23	321-4	1	Screw-HH
24	1-543511	2	Seal-Grease
25	103-1474-01	2	Fork-Caster
26	325-39	2	Screw-HH



Engine Frame, Console and Floor Pan Assembly

Ref	Part No.	Qty.	Description
1	322-43	7	Screw-HH
2	3256-70	4	Washer-Flat
3	3296-42	4	Nut-Lock, NI
4	923786	2	Rivet-Pop
6	107-7656	1	Main Frame ASM
6:2	107-3963	1	Decal-Danger, Left
6:3	107-3964	1	Decal-Warning, Right
6:4	107-3967	1	Decal-Console, Top
6:5	98-1977	2	Decal-Warning
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	107-7655	1	Floorpan ASM
13:2	98-4387	1	Decal-Protection, Ear
13:3	107-3982	1	Decal-Location, Manual
13:4	107-7666	1	Decal-Diesel
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

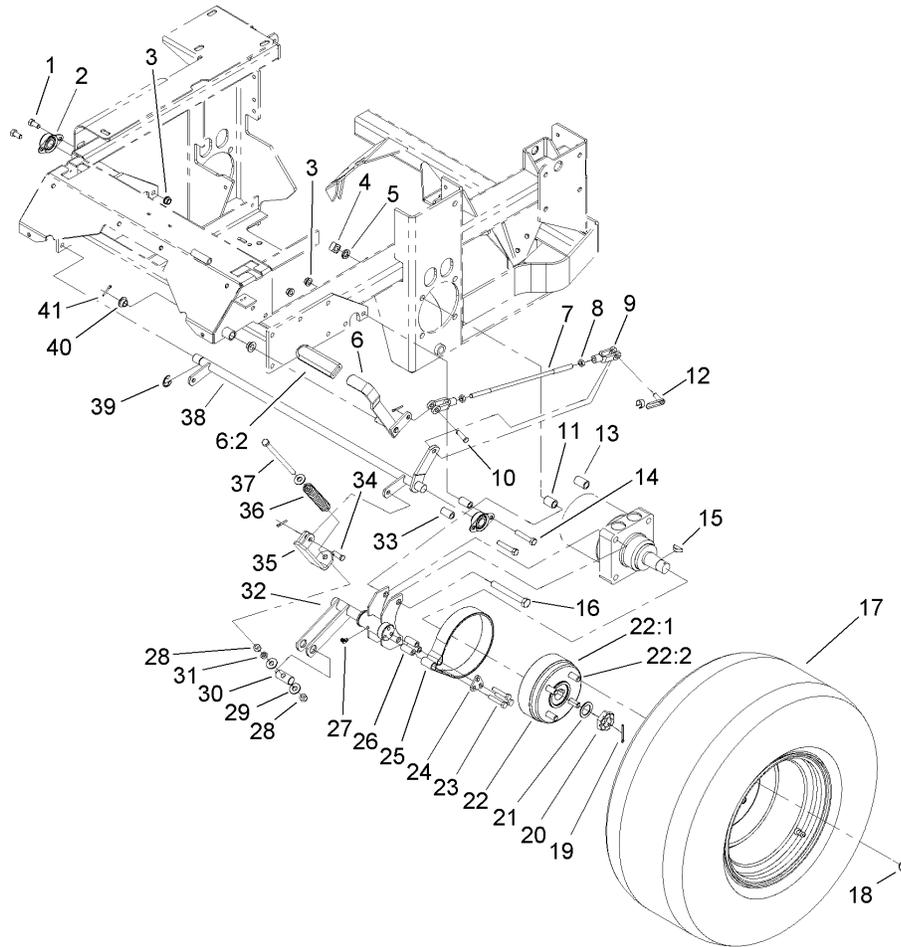
Ref	Part No.	Qty.	Description
19	106-7489-03	1	Hinge-Floorpan, RH
20	106-7498	1	Pocket
21	32128-25	1	Nut-HF
22	1-653036	1	Washer



Seat and Roll-Over Protection System Assembly

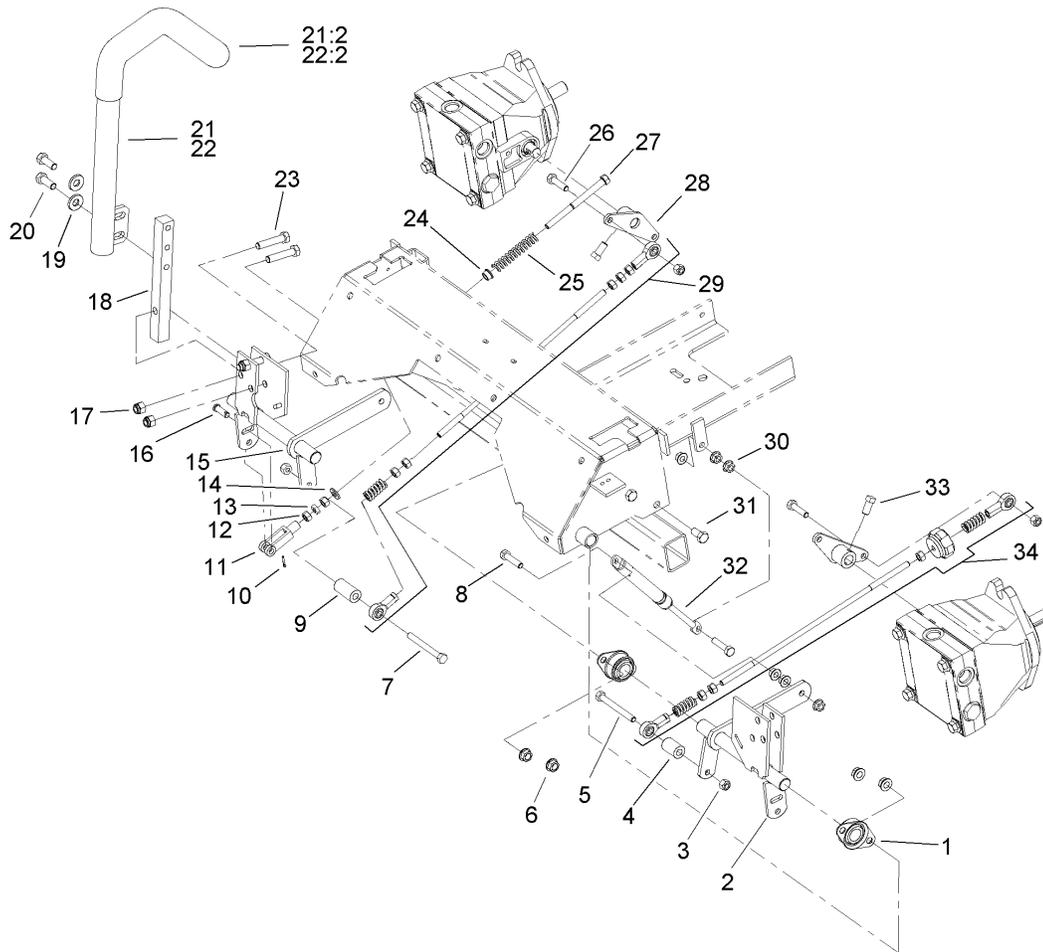
Ref	Part No.	Qty.	Description
1	323-39	2	Screw-HH
2	3296-29	4	Nut-Lock, NI
3	322-5	5	Screw-HH
4	103-5181	2	Link-Seat Stop, Lower
6	103-5161	2	Link-Stop, Seat
7	3296-39	3	Nut-Lock, NI
8	1-633872-03	2	Stop-Seat
13	106-9988	1	Seat-Suspension
15	32128-20	4	Nut-HF
28	106-7437	1	ROPS ASM

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Wheel and Brake Assembly

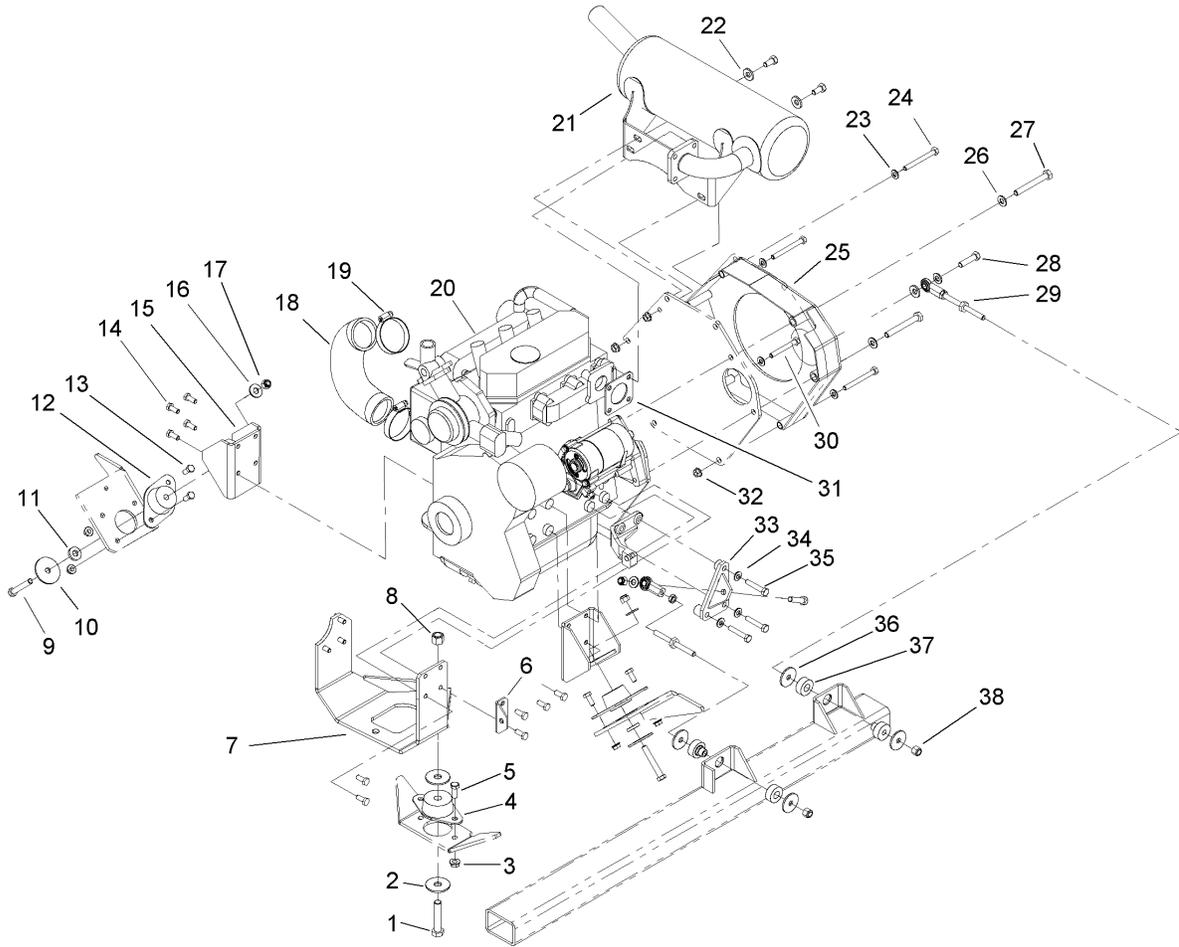
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	323-4	2	Screw-HH	22:2	1-633926	4	Stud-Wheel
2	1-633102	2	Bearing-Flange, Side	23	322-9	6	Screw-HH
3	3290-357	4	Nut-HHF	24	103-0374	2	Retainer-Band, Brake
4	103-0131	8	Nut-Square	25	103-0355	2	Band-Brake
5	3253-7	8	Washer-Lock	26	103-0384	6	Spacer
6	103-0197	1	Brake Lever And Grip ASM	27	1481	2	Fitting-Grease
6:2	1-633268	1	Grip-Lever, Brake	28	3296-39	4	Nut-Lock, NI
7	103-1708	1	Rod-Brake	29	3256-4	6	Washer-Flat
8	3219-3	2	Nut-Hex	30	1-633144	2	Pin-Trunion
9	1-633131	2	Yoke-Linkage, Brake	31	3218-3	2	Nut-Jam
10	1-808285	1	Pin-Clevis	32	103-0844-03	2	Brake-Narrow
11	1-633380	4	Spacer-Wheel, Short	33	103-0051	2	Spacer-Retainer, Brake
12	103-2399	1	Pin-Spring, Clevis	34	1-808284	2	Pin-Clevis
13	1-633382	4	Spacer-Wheel, Long	35	103-1117-03	2	Linkage-Brake, Lower
14	323-10	2	Screw-HH	36	1-633454	2	Spring-Brake
15	3257-42	2	Key-Woodruff	37	323-58	2	Bolt-TAP, HH
16	325-17	8	Screw-HH	38	103-5243-03	1	Shaft-Brake
17	103-4962	2	Wheel And Tire ASM	39	32151-48	1	E-Ring
18	242-50	8	Nut-Lug	40	1-513140	2	Bearing-Control
19	1-806800	2	Pin-Cotter	41	3272-10	4	Pin-Cotter
20	1-809036	2	Nut-HH				
21	1-523157	2	Washer-Spacer				
22	103-0590	2	Hub And Wheel ASM				
22:1	103-0589	1	Wheel Hub ASM				



Motion Control Assembly

Ref	Part No.	Qty.	Description
1	1-633102	4	Bearing-Flange, Side
2	103-4787	1	Control-Motion, LH
3	3296-29	4	Nut-Lock, NI
4	103-1361	1	Spacer-Hydro Control, LH
5	322-12	1	Screw-HH
6	3290-357	8	Nut-HHF
7	322-14	1	Screw-HH
8	1-403180	4	Screw-HH
9	103-5192	1	Spacer-Control, HYD
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	103-4788	1	Control-Motion, RH
16	1-808280	2	Pin-Clevis
17	3296-39	6	Nut-Lock, NI
18	103-0407	2	Arm-Shaft, Control
19	98-5975	4	Washer-Belleville
20	323-6	4	Screw-HH
21	106-9983	1	RH Lever ASM
21:2	106-9987	1	Grip-Control, Motion
22	106-9982	1	LH Lever ASM
22:2	106-9987	1	Grip-Control, Motion

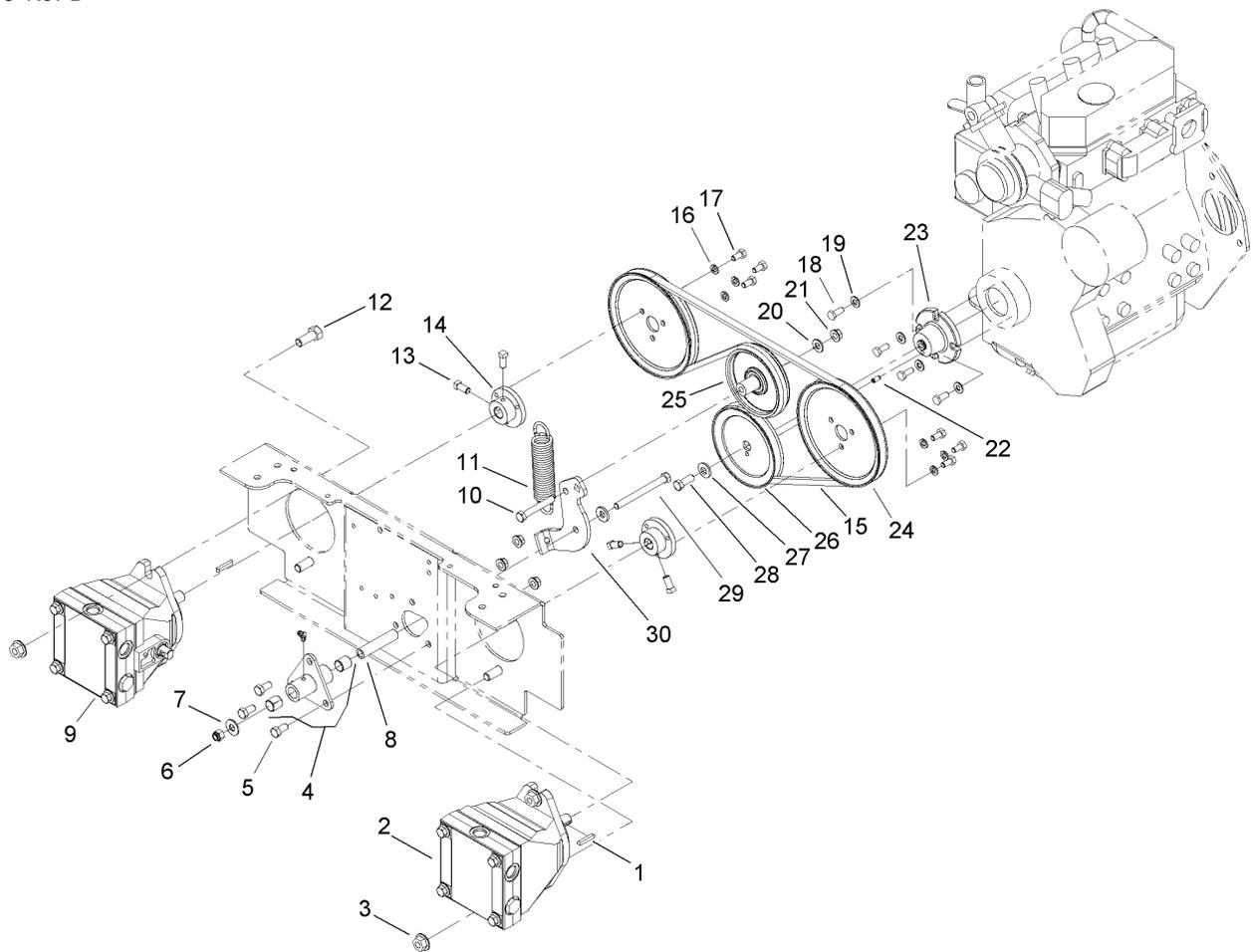
Ref	Part No.	Qty.	Description
23	323-9	6	Screw-HH
24	1-603735	2	Bushing-Flanged
25	1-603807	2	Spring-Return, Neutral
26	322-6	4	Screw-HH
27	1-603737	2	Bolt-Return, Neutral
28	103-0194-03	2	Arm-Control, Hydro
29	103-5190	1	RH HYD Connect Link ASM
30	32128-20	12	Nut-HF
31	323-4	8	Screw-HH
32	103-4079	2	Damper-Control, Motion
33	1-803022	2	Screw-Set
34	103-3062	1	Tracking Rod ASM



Engine Mount Assembly

Ref	Part No.	Qty.	Description
1	325-10	1	Screw-HH
2	86-1990	2	Washer
3	3290-357	2	Nut-HHF
4	103-1022	1	Isolator-Rear
5	323-5	2	Screw-HH
6	103-3908	1	Bracket-Ground
7	103-0870-03	1	Rear Engine Mount ASM
8	3296-23	1	Nut-Lock, NI
9	323-12	2	Screw-HH
10	83-1040	2	Washer-Flat
11	66-6480	2	Washer
12	103-2613	2	Isolator-Side
13	322-3	4	Screw-HH
14	33114-020	15	Screw-HH
15	103-0839-03	2	LH And RH Engine Mount ASM
16	3256-4	8	Washer-Flat
17	3296-39	3	Nut-Lock, NI
18	103-0921	1	Hose
19	2412-42	2	Clamp-Hose
20		1	Engine-Daihatsu, 582447-0229-E2
21	103-2592	1	Muffler Kit
22	98-5975	3	Washer-Belleville
23	3256-23	4	Washer-Flat

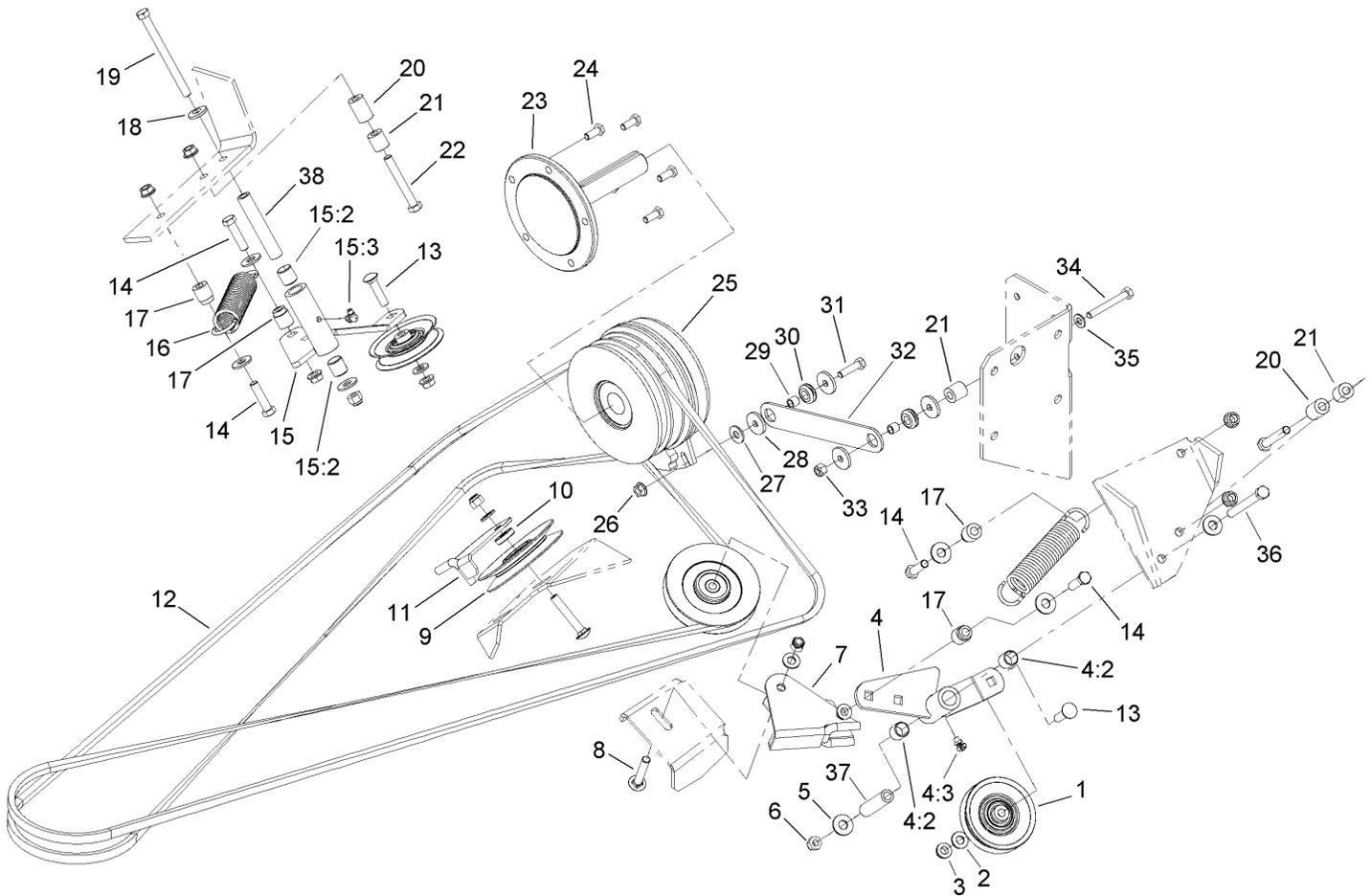
Ref	Part No.	Qty.	Description
24	322-14	3	Screw-HH
25	103-3573-03	1	Cover-Flywheel
26	3256-24	4	Washer-Flat
27	56-2150	2	Screw-HH
28	323-8	2	Screw-HH
29	103-3745	2	Ball Joint Link ASM
30	322-12	1	Screw-HH
31	103-1385	1	Gasket-Muffler
32	32128-20	10	Nut-HF
33	103-3556-03	1	Bracket-Engine, Front
34	1-303334	3	Washer-Spring
35	33114-045	3	Screw-HH
36	93-6099	4	Washer
37	103-3568	2	Isolator-Link
38	3296-6	2	Nut-Lock



Wheel Pump Drive Assembly

Ref	Part No.	Qty.	Description
1	103-2739	2	Key
2	103-2978	1	Pump-Hydro, LH
3	32128-49	4	Nut-HHF
4	103-4467	1	Pump Idler ASM
5	323-4	3	Screw-HH
6	3296-39	1	Nut-Lock, NI
7	3256-4	1	Washer-Flat
8	103-0919	1	Bushing-Tightner, Pivot
9	103-2979	1	Pump-Hydro, RH
10	323-12	1	Screw-HH
11	103-1767	1	Spring-Extension
12	325-5	4	Screw-HH
13	1-803050	4	Screw-Set
14	103-1471	2	Hub-Pump
15	107-7724	1	Belt-V
16	1-805005	6	Washer-Lock
17	322-2	6	Screw-HH
18	33114-020	4	Screw-HH
19	3256-23	4	Washer-Flat
20	3256-24	1	Washer-Flat
21	3290-357	4	Nut-HHF
22	103-1459	1	Pin-Roll
23	103-1421	1	Hub-Drive, Pump
24	103-1472	2	Sheave-Pump

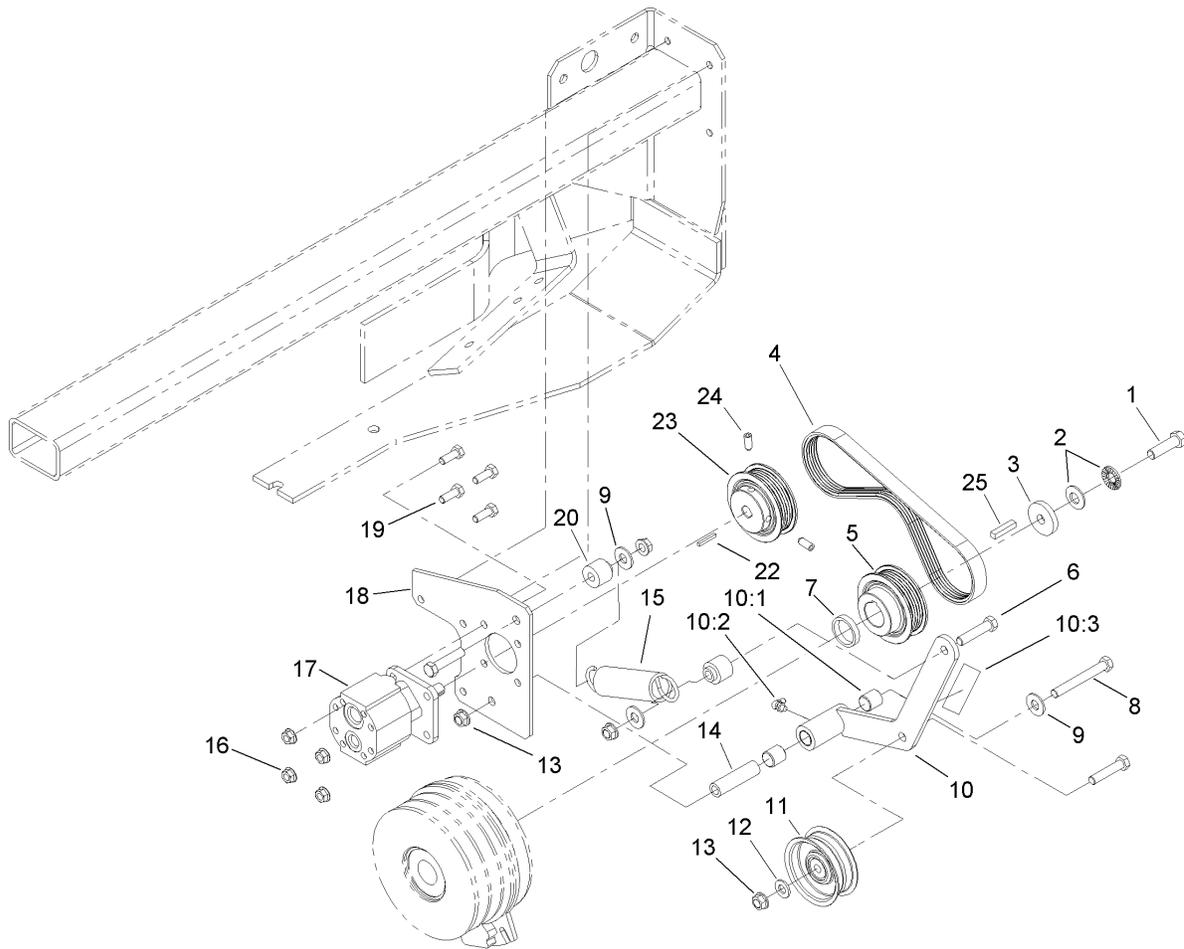
Ref	Part No.	Qty.	Description
25	103-4464	1	Idler-Pump
26	103-5164	1	Sheave-Engine
27	98-5975	2	Washer-Belleville
28	323-6	1	Screw-HH
29	323-16	1	Screw-HH
30	103-4463-03	1	Arm-Tightener, Pump



Deck Belt Drive Assembly

Ref	Part No.	Qty.	Description
1	103-0983	2	Sheave
2	3256-24	4	Washer-Flat
3	3290-357	7	Nut-HHF
4	107-9851	1	LH Idler ASM
4:2	1-513034	2	Sleeve-Bearing
4:3	302-40	1	Fitting-Grease
5	3256-4	6	Washer-Flat
6	3296-39	4	Nut-Lock, NI
7	103-4011-03	1	Guard-Belt Sheave, LH
8	3231-40	2	Bolt-CARR
9	103-0984	2	Sheave
10	103-3186	1	Spacer-Bracket, Guide
11	103-4039-03	1	Guard-Belt Sheave, RH
12	107-7738	2	Belt-V
13	3231-4	2	Screw-CARR
14	323-9	4	Screw-HH
15	107-9861	1	RH Idler ASM
15:2	1-513034	2	Sleeve-Bearing
15:3	302-40	1	Fitting-Grease
16	103-1767	2	Spring-Extension
17	103-1503	4	Spacer-Tightener, Belt
18	98-5975	2	Washer-Belleville
19	323-23	1	Screw-HH
20	103-1361	2	Spacer-Hydro Control, LH

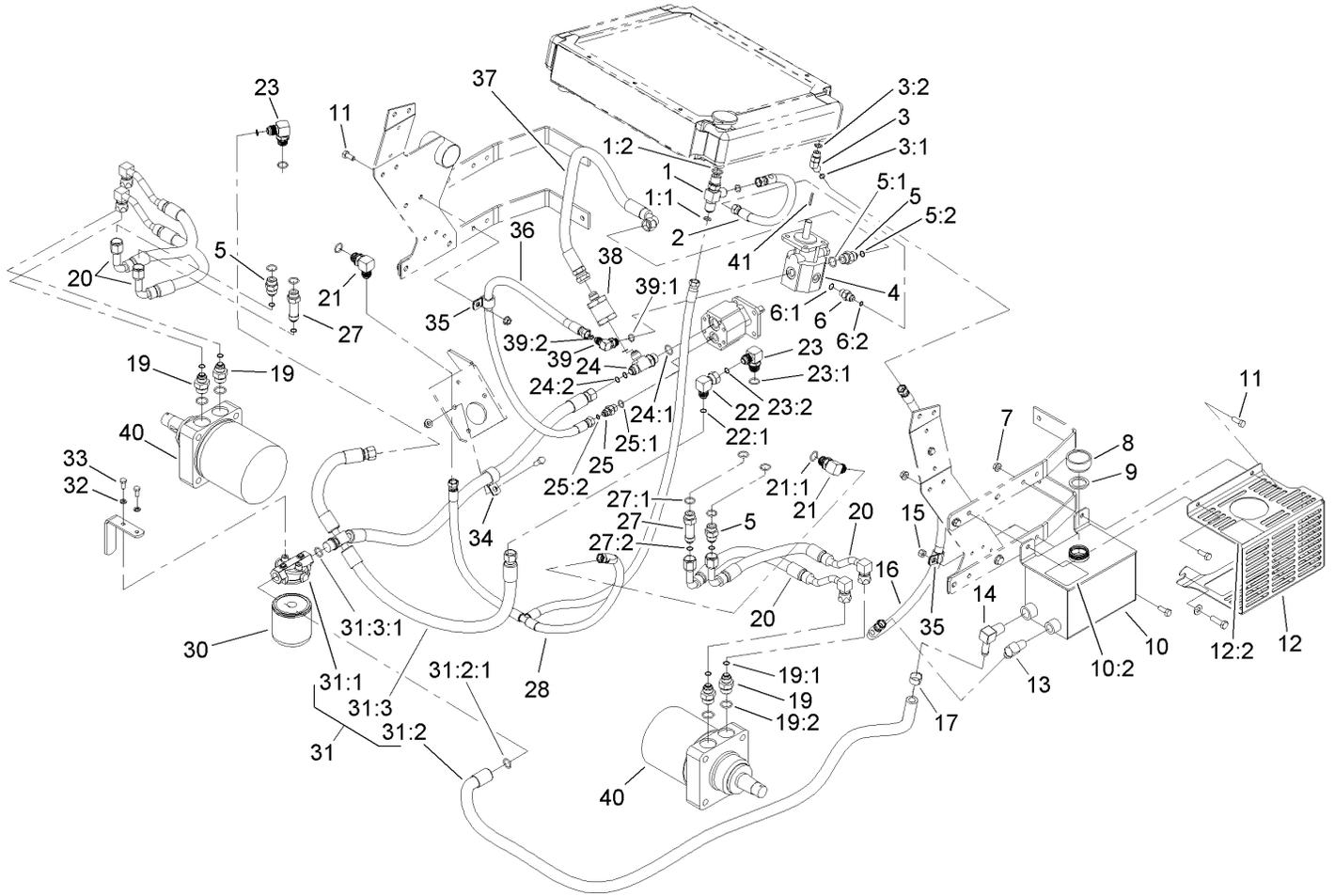
Ref	Part No.	Qty.	Description
21	103-0193	3	Spacer-Strap, Clutch
22	323-13	2	Screw-HH
23	103-0286	1	Shaft-Stub
24	33114-020	5	Screw-HH
25	103-0083	1	Clutch ASM
26	32128-20	1	Nut-HF
27	3256-3	1	Washer-Flat
28	1-613235	4	Washer
29	1-633545	2	Spacer
30	1-633630	2	Grommet-Brake
31	322-6	1	Screw-HH
32	103-0192-03	1	Strap-Clutch / Brake
33	3296-29	1	Nut-Lock, NI
34	322-12	1	Screw-HH
35	3256-23	1	Washer-Flat
36	323-16	1	Screw-HH
37	103-0919	1	Bushing-Tightner, Pivot
38	103-0040	1	Bushing-Tightener, Pivot



Cooling Pump Drive Assembly

Ref	Part No.	Qty.	Description
1	3212-6	1	Screw-HH
2	1-603610	2	Washer-Spring
3	1-543610	1	Washer-Clutch
4	107-7739	1	Belt-Poly V
5	103-1339	1	Sheave-5 Rib
6	323-9	3	Screw-HH
7	103-1422	1	Spacer-Pump Drive, Fan
8	323-14	1	Screw-HH
9	3256-4	3	Washer-Flat
10	107-9877	1	Wheel Pump Tension ASM
10:1	1-513034	2	Sleeve-Bearing
10:2	302-40	1	Fitting-Grease
10:3	98-1977	1	Decal-Warning
11	1-633167	1	Sheave-Idler
12	3256-24	1	Washer-Flat
13	3290-357	4	Nut-HHF
14	1-603384	1	Bushing-Pivot, Idler
15	1-603414	1	Spring-Extension
16	32128-20	4	Nut-HF
17	103-7431	1	Pump-Fan, Cooling
18	103-1299-03	1	Plate-Mating, Fan Pump
19	322-4	4	Screw-HH
20	103-1575	2	Spacer-Spring, Fan Pump
22	32150-1	1	Key-Square

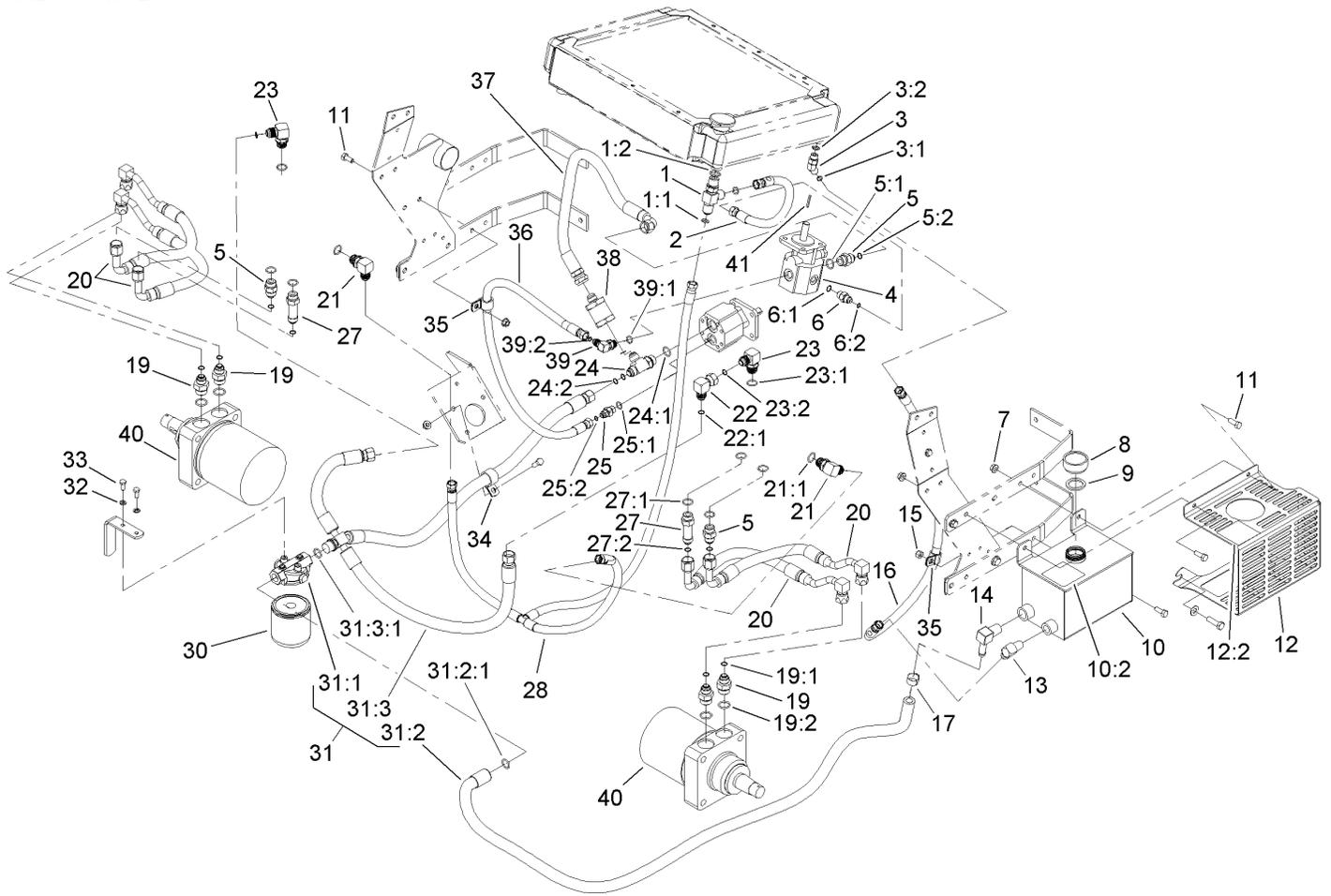
Ref	Part No.	Qty.	Description
23	103-1338	1	Sheave-5 Rib
24	3246-6	2	Screw-Set, HSH
25	13-2840	1	Key-Square



Hydraulic Assembly

Ref	Part No.	Qty.	Description
1	108-5998	1	Fitting-HYD, Straight Tee
1:1	237-21	2	O-Ring
1:2	237-42	1	O-Ring
2	103-2173	1	Fan Case Drain Hose ASM
3	108-5999	1	Fitting-HYD, 45 Elbow
3:1	237-21	1	O-Ring
3:2	237-42	1	O-Ring
4	103-7430	1	Motor-Fan, Cooling
5	1-603990	3	Fitting-Straight
5:1	1-603920	1	O-Ring
5:2	1-603992	1	O-Ring
6	103-2157	1	Fitting-Straight
6:1	1-603923	1	O-Ring
6:2	103-1020	1	O-Ring
7	32128-20	6	Nut-HF
8	1-513167	1	Cap
9	1-523103	1	Gasket-Cap, Tank
10	107-7659	1	HYD Tank ASM
10:2	1-523552	1	Decal-Tank, HYD
11	322-4	6	Screw-HH
12	107-7696	1	Hydro Tank Shield ASM
12:2	107-2131	1	Decal-Surface, Hot
13	103-1012	1	Fitting-Elbow, 90 DEG
14	103-2152	1	Fitting-90 DEG

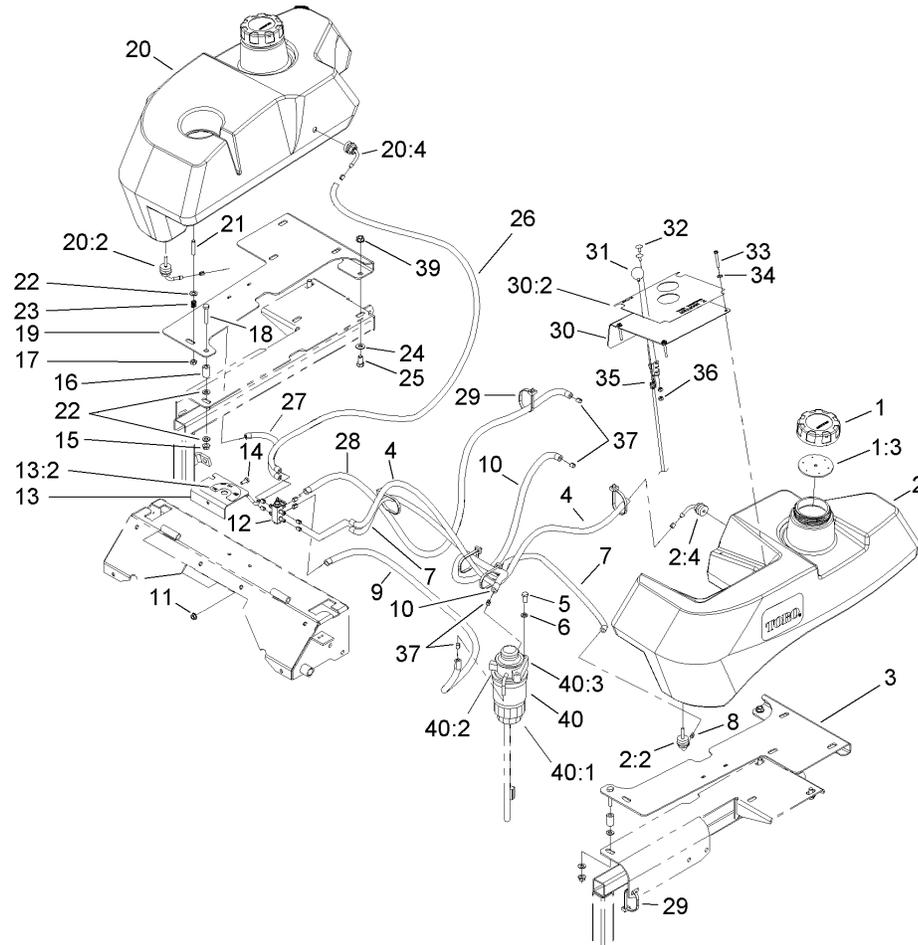
Ref	Part No.	Qty.	Description
15	3296-29	1	Nut-Lock, NI
16	103-2174	1	Tank Return Hose ASM
17	103-2104	1	Clamp-Hose
19	1-603991	4	Fitting-Straight
19:1	237-80	1	O-Ring
19:2	1-603992	1	O-Ring
20	103-4680	4	Hose
21	103-1014	2	Fitting-Elbow, 90 DEG
21:1	1-603920	1	O-Ring
22	103-2315	1	Fitting-90 DEG
22:1	1-603992	1	O-Ring
23	103-2153	2	Fitting-90 DEG
23:1	1-603920	1	O-Ring
23:2	1-603992	1	O-Ring
24	103-2159	1	Fitting-Tee
24:1	1-603920	1	O-Ring
24:2	1-603992	2	O-Ring
25	103-2156	1	Fitting-Straight
25:1	1-603921	1	O-Ring
25:2	103-1020	1	O-Ring
27	103-1940	2	Adapter-HYD, Straight
27:1	237-79	1	O-Ring
27:2	1-603992	1	O-Ring
28	103-2172	1	Case Drain Hose ASM



Hydraulic Assembly (continued)

Ref	Part No.	Qty.	Description
30	23-9740	1	Filter-Oil
31	103-5120	1	Charge Hose ASM
31:1	103-2259	1	Head-Filter
31:2	103-5121	1	Filter Inlet Hose ASM
31:2:1	1-603920	1	O-Ring
31:3	103-2269	1	Pump Inlet Hose ASM
31:3:1	1-603920	1	O-Ring
32	1-805004	2	Washer-Lock
33	321-3	2	Screw-HH
34	1-643312	1	Clip-Loom
35	1-633396	2	Clip-Loom
36	103-2148	1	Aux Pump Hose ASM
37	1-323241	1	Hose-Pressure, High
38	103-3110	1	Filter-In Line, 50 Micron
39	103-2155	1	Fitting-90 DEG
39:1	1-603921	1	O-Ring
39:2	103-1020	1	O-Ring
40	103-2489	2	Motor-Wheel, HYD
41	32150-1	1	Key-Square

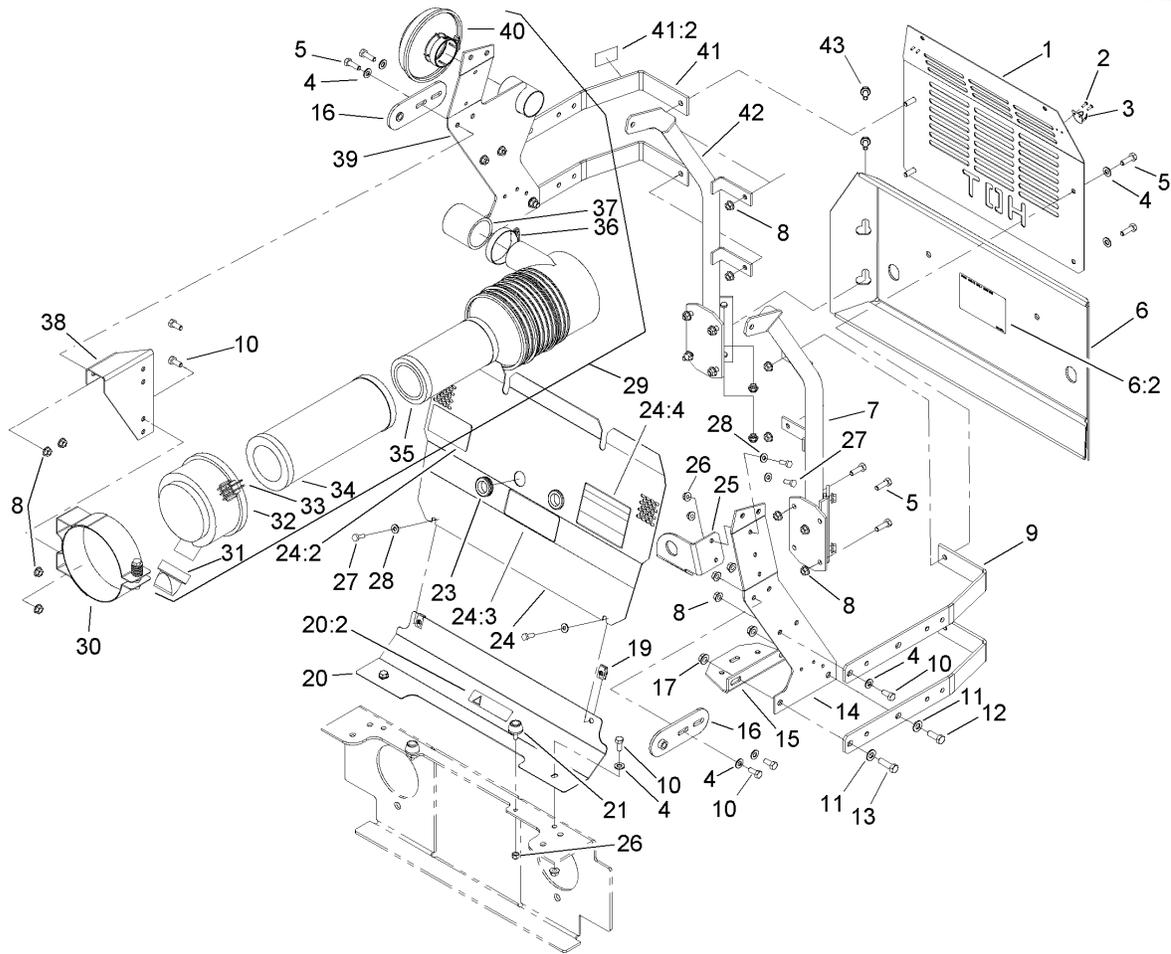
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Tank and Fuel Line Assembly

Ref	Part No.	Qty.	Description
1	107-9884	2	Cap-Diesel Fuel, Yellow
1:3	104-7420	1	Gasket-Vented
2	106-9978	1	LH Fuel Tank ASM
2:2	103-2605	1	Fitting-Fuel, Bulkhead
2:4	103-2615	1	Fitting-Fuel, Bulkhead
3	107-7672-03	1	Bracket-Fuel Tank, LH
4	107-7686	1	Hose-Fuel
5	33114-020	2	Screw-HH
6	1-805005	2	Washer-Lock
7	107-7742	1	Hose-Fuel
8	1-643293	8	Clamp-Hose, Fuel
9	107-7687	1	Hose-Fuel
10	103-1693	1	Hose-Fuel
11	32128-23	1	Nut-HF
12	1-643234	1	Valve-Fuel, Dual Flow
13	107-9878	1	Bracket-Valve, Fuel
13:2	107-2114	1	Decal-Valve, Fuel
14	321-3	1	Screw-HH
15	3296-47	2	Nut-Lock, NI
16	94-7564	2	Spacer
17	3296-47	6	Nut-Lock, NI
18	322-9	2	Screw-HH
19	107-7671-03	1	Bracket-Fuel Tank, RH
20	106-9977	1	RH Fuel Tank ASM

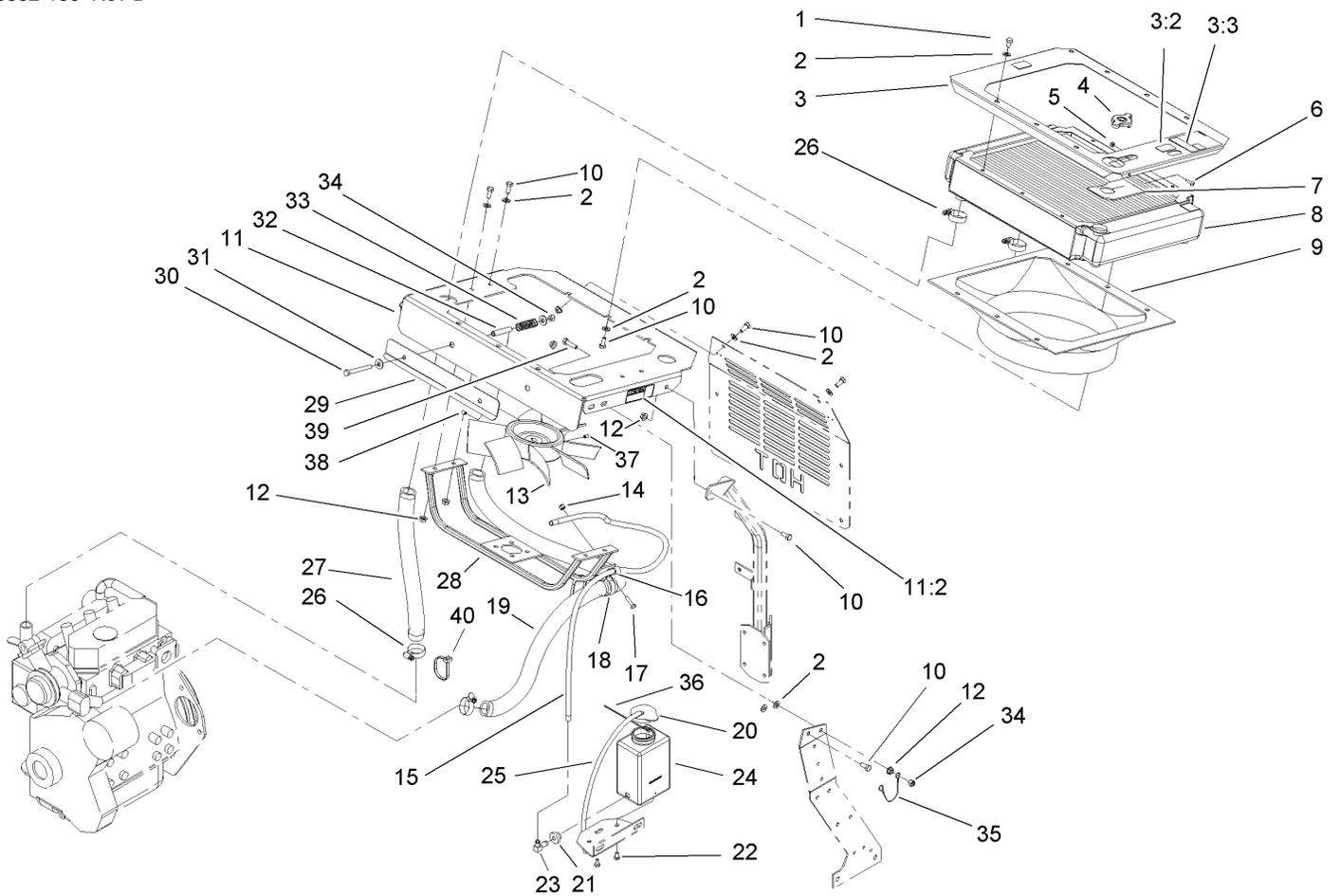
Ref	Part No.	Qty.	Description
20:2	103-2605	1	Fitting-Fuel, Bulkhead
20:4	103-2615	1	Fitting-Fuel, Bulkhead
21	1-633023	6	Stud
22	3256-23	10	Washer-Flat
23	1-633349	6	Spring-Tank, Fuel
24	3256-24	4	Washer-Flat
25	323-4	4	Screw-HH
26	99-3185	1	Hose-Fuel
27	107-7684	1	Hose-Fuel
28	107-7741	1	Hose-Fuel
29	1-303335	6	Tie-Plastic
30	107-7703	1	Panel-Control
30:2	107-7701	1	Decal-Panel, Control
31	1-513592	1	Knob-Ball
32	1-807513	2	Bolt-CARR
33	1-803071	4	Screw
34	1-303435	4	Washer-Spring
35	103-1450	1	Cable-Throttle
36	3296-2	2	Nut-Lock
37	1-643277	6	Clamp-Hose, Fuel
39	3290-357	4	Nut-HHF
40	100-3191	1	Separator-Fuel
40:1	100-3192	1	Element-Filter, Fuel
40:2	100-6409	1	Sensor-Filter, Fuel



Front and Rear Engine Cover Assembly

Ref	Part No.	Qty.	Description
1	103-4855-03	1	Guard-Muffler
2	923786	4	Rivet-Pop
3	1-643189	2	Keeper-Latch, Rubber
4	3256-23	13	Washer-Flat
5	322-5	14	Screw-HH
6	107-9865	1	Rear Bumper ASM
6:2	107-9864	1	Decal-Belt Routing, Deck Drive
7	103-5157-03	1	Frame-Upper, LH Rear
8	32128-20	23	Nut-HF
9	103-4906-03	3	Bar-Mount Frame, Radiator
10	322-3	9	Screw-HH
11	3256-24	4	Washer-Flat
12	323-6	2	Screw-HH
13	323-7	2	Screw-HH
14	103-5169-03	1	Mount-Side, LH
15	103-2603-03	1	Bracket-Bottle
16	1-632986-03	2	Shackle-Hinge
17	3290-357	2	Nut-HHF
19	107069	2	Clip
20	107-9852	1	Shield Lower ASM
20:2	98-1977	1	Decal-Warning
21	1-523420	2	Bumper
23	100-3815	2	Grommet-Rubber
24	107-7708	1	Engine Access Panel ASM

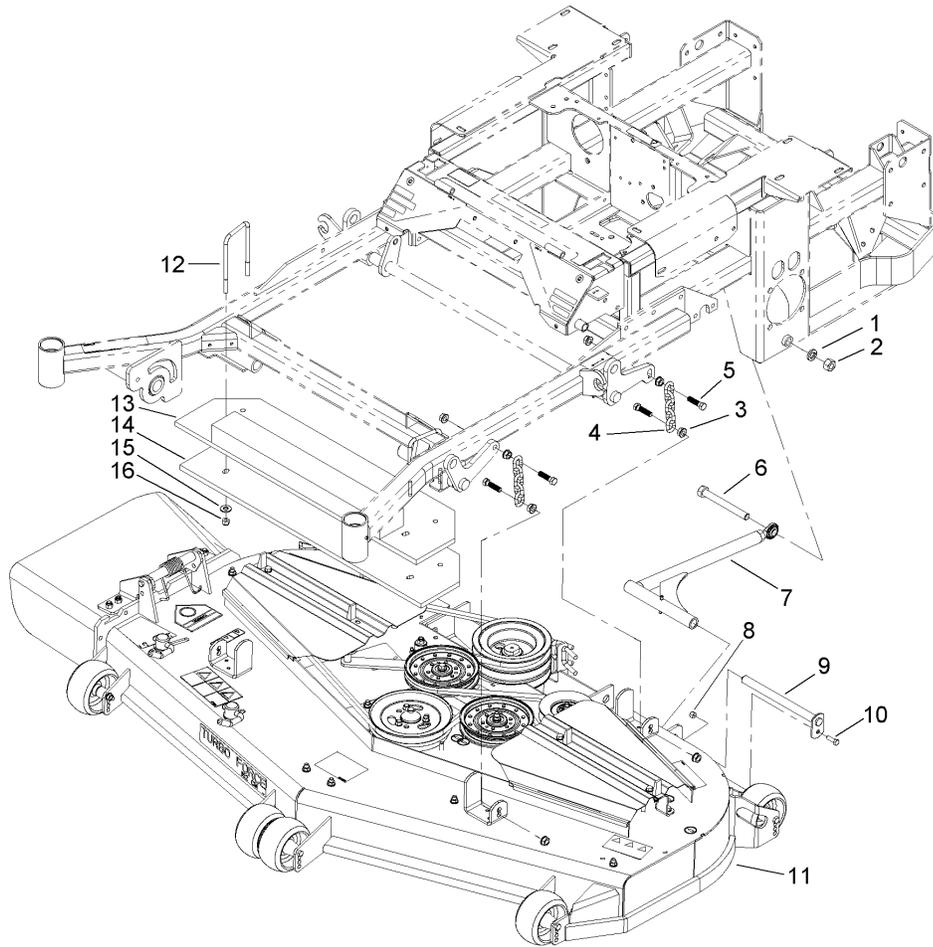
Ref	Part No.	Qty.	Description
24:2	107-7705	1	Decal-Belt Routing, Pump
24:3	107-3978	1	Decal-Devices, Rotating
24:4	107-7706	1	Decal-Buzzer, Warning
25	103-4982-03	1	Bracket-Buzzer
26	32128-33	2	Nut-HF
27	321-4	4	Screw-HH
28	3256-22	4	Washer-Flat
29	103-5178	1	Filter-Air
30	103-1058	1	Bracket-Filter, Air
31	87-9400	1	Valve-Vacuator
32	103-1060	1	Cover-Filter, Air
33	1-643283	2	Latch-Cleaner, Air
34	103-1327	1	Filter-Air
35	103-1326	1	Filter-Air, Safety
36	2412-42	1	Clamp-Hose
37	103-5198	1	Hose-Intake
38	103-0953-03	1	Mount-Cleaner, Air
39	103-5123-03	1	RH Radiator And Ac Support ASM
40	100-2436	1	Hood
41	107-7716	1	Radiator Bar ASM
41:2	93-8069	1	Decal-Surface, Hot
42	103-5158-03	1	Frame-Upper Frame, RH Rear
43	3234-47	4	Screw-HHF



Cooling System Assembly

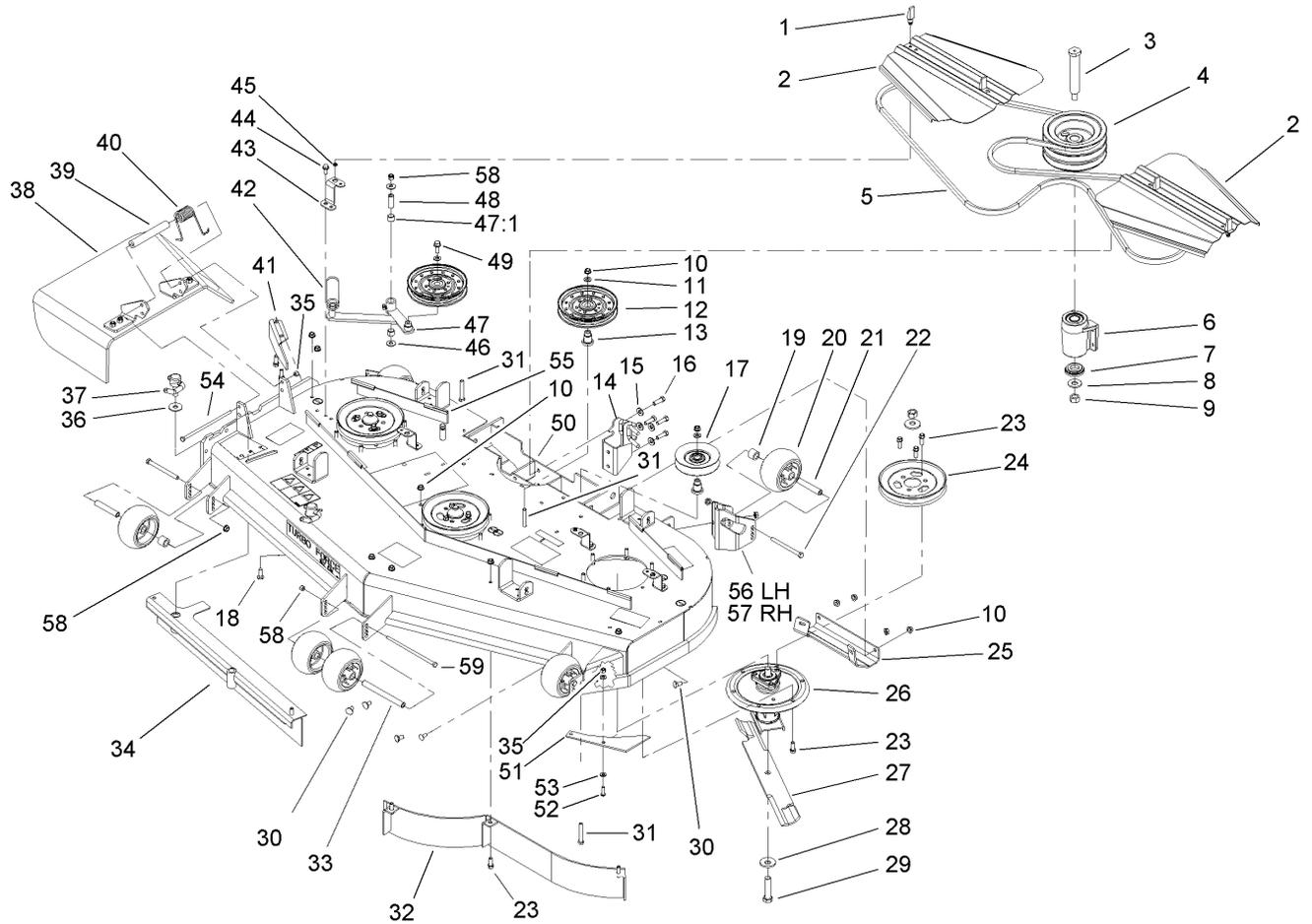
Ref	Part No.	Qty.	Description
1	322-1	6	Screw-HH
2	3256-23	22	Washer-Flat
3	107-7658	1	Plate-Trim, Radiator
3:2	65-2690	2	Decal-Surface, Hot
3:3	104-2449	1	Decal-Coolant
4	1-643161	1	Cap-Radiator
5	3296-2	1	Nut-Lock
6	1-803075	1	Screw-Head, Truss
7	103-1352	1	Shield-Fill Neck, Radiator
8	107-9889	1	Radiator
9	103-0898	1	Shroud-Cooling, Engine
10	322-3	16	Screw-HH
11	107-7717	1	Fan Mounting Plate ASM
11:2	1-643253	2	Decal-Fan, Radiator
12	32128-20	10	Nut-HF
13	103-0892	1	Fan
14	3296-42	1	Nut-Lock, NI
15	103-1445	1	Hose
16	1-513762	1	Clip-Loom
17	321-6	1	Screw-HH
18	103-0113	1	Clip-Loom
19	103-0922	1	Hose-Inlet, Engine
20	1-643164	1	Cap-Tank, Overflow
21	1-513645	1	Bushing-Valve, Fuel

Ref	Part No.	Qty.	Description
22	321-2	2	Screw-HH
23	1-643259	1	Fitting-Elbow
24	1-643163	1	Tank-Overflow
25	1-643131	1	Hose
26	1-633989	4	Clamp-Hose
27	103-2505	1	Hose-Outlet, Engine
28	103-0086-03	1	Mount-Motor, Fan
29	103-4986	1	Bracket-Deflector, Air
30	322-14	2	Screw-HH
31	3256-3	4	Washer-Flat
32	103-5223	2	Spacer
33	1-513296	2	Spring-Indicator, Reverse
34	3296-29	4	Nut-Lock, NI
35	107-9853	2	Lanyard
36	1-303287	3	Tie-Plastic
37	3245-44	1	Screw-Set
38	909848	1	Screw-Set
39	322-6	2	Screw-HH
40	1-303335	2	Tie-Plastic



Deck Connection Assembly

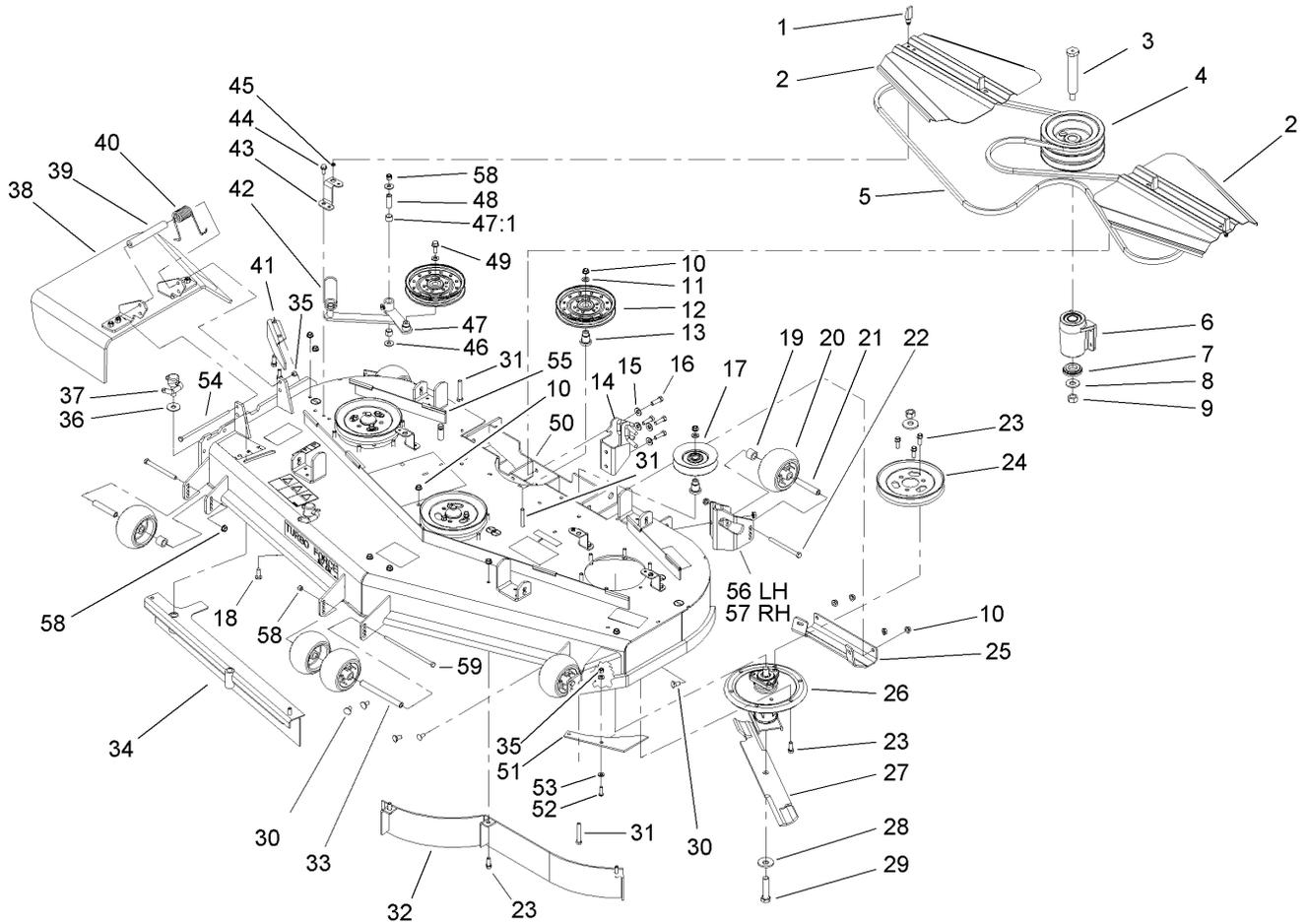
Ref	Part No.	Qty.	Description	
1	3253-8	2	Washer-Lock	
2	3217-11	2	Nut-Hex	
3	32128-37	16	Nut-HF	
4	1-633447	4	Chain-Lift, Deck	
5	1-800811	8	Screw-Cap, HH	
6	327-28	2	Screw-HH	
7	103-1356	2	Strut ASM	
8	3296-29	2	Nut-Lock, NI	
9	1-632199-01	2	Pin-Strut	
10	322-3	2	Screw-HH	
11		1	Deck ASM	
12	100-2339	2	U-Bolt	
13	107-9874-01	1	Weight ASM	
14	107-9854-01	1	Bar-Weight	
15	3256-4	4	Washer-Flat	
16	3296-39	4	Nut-Lock, NI	



Deck Assembly

Ref	Part No.	Qty.	Description
1	74-5950	4	Latch-Swell
2	105-8786-01	2	Cover-Belt
3	1-643393	1	Jackshaft
4	103-5381	1	Sheave-Jackshaft
5	99-4647	1	V-Belt-Drive, Deck
6	103-2544	1	Jackshaft ASM
7	103-2535	1	Spacer-Guard, Bottom
8	1-513208	1	Washer-Spring
9	3219-6	1	Nut-Hex
10	3290-357	37	Nut-HHF
11	3256-24	3	Washer-Flat
12	1-633109	2	Idler-Flat
13	106-3214	2	Mount-Pulley
14	103-3445-01	1	Guard-Jackshaft
15	98-5975	4	Washer-Belleville
16	323-7	4	Screw-HH
17	1-603805	1	Pulley-Idler
18	3231-21	1	Screw-CARR
19	98-7913	4	Tube-Spacer
20	1-603299	6	Roller-Scalp, Anti
21	98-7912	4	Tube-Spacer
22	323-23	4	Screw-HH
23	92-1624	33	Screw
24	105-7734	3	Pulley

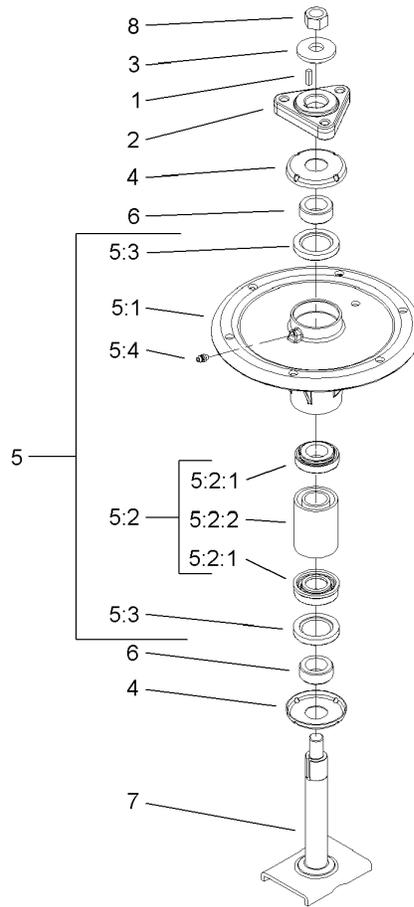
Ref	Part No.	Qty.	Description
25	105-8792-01	1	Plate-Skid
26	106-3217	3	Spindle ASM
27	105-7718-03	3	Blade-Hi Flow
28	103-0865	3	Washer-Blade Bolt, Heavy
29	103-0862	3	Screw-Cap
30	3231-1	10	Screw-CARR
31	323-12	3	Screw-HH
32	105-7657-01	1	Baffle ASM
33	98-5967	1	Spacer-Wheel
34	105-7669-01	1	Baffle ASM
35	3296-29	3	Nut-Lock, NI
36	105-7697	2	Washer-Plastic
37	106-3242	2	Lever ASM
38	106-3249	1	Rubber Deflector ASM
39	105-4622	1	Spacer
40	104-8554	1	Spring-Torsion
41	106-3216-01	1	Baffle-Discharge
42	105-6992	1	Spring
43	105-8787-01	4	Bracket-Cover
44	32144-70	6	Screw-HH
45	99-3058	4	Washer
46	3256-4	2	Washer-Flat
47	107-9868	1	Idler Arm ASM
47:1	103-4681	2	Sleeve-Bearing



Deck Assembly (continued)

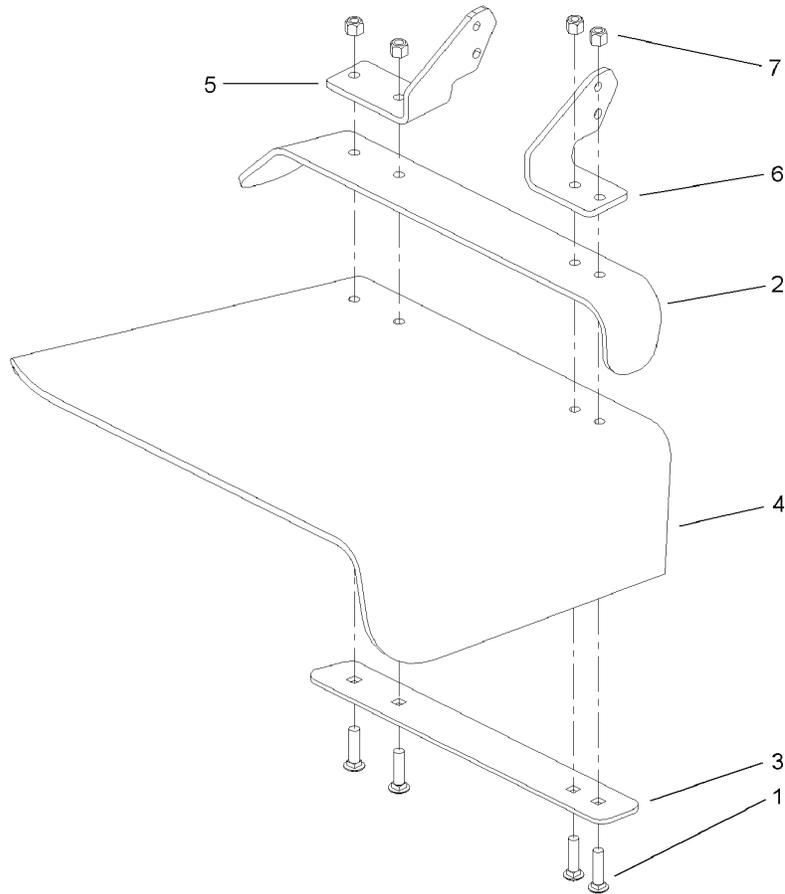
Ref	Part No.	Qty.	Description
48	1-603044	1	Bushing
49	3234-11	1	Screw-HHF
50	107-7663	1	Deck Decal ASM
51	107-3137	1	Plate-Turbo
52	3274-104	2	Screw-HSBH
53	1-303334	4	Washer-Spring
54	322-50	1	Screw-HH
55	105-7699	8	Strip-Seal
56	106-7354-01	1	Plate-Roller, LH
57	106-7355-01	1	Plate-Roller, RH
58	3296-39	6	Nut-Lock, NI
59	323-28	1	Screw-HH

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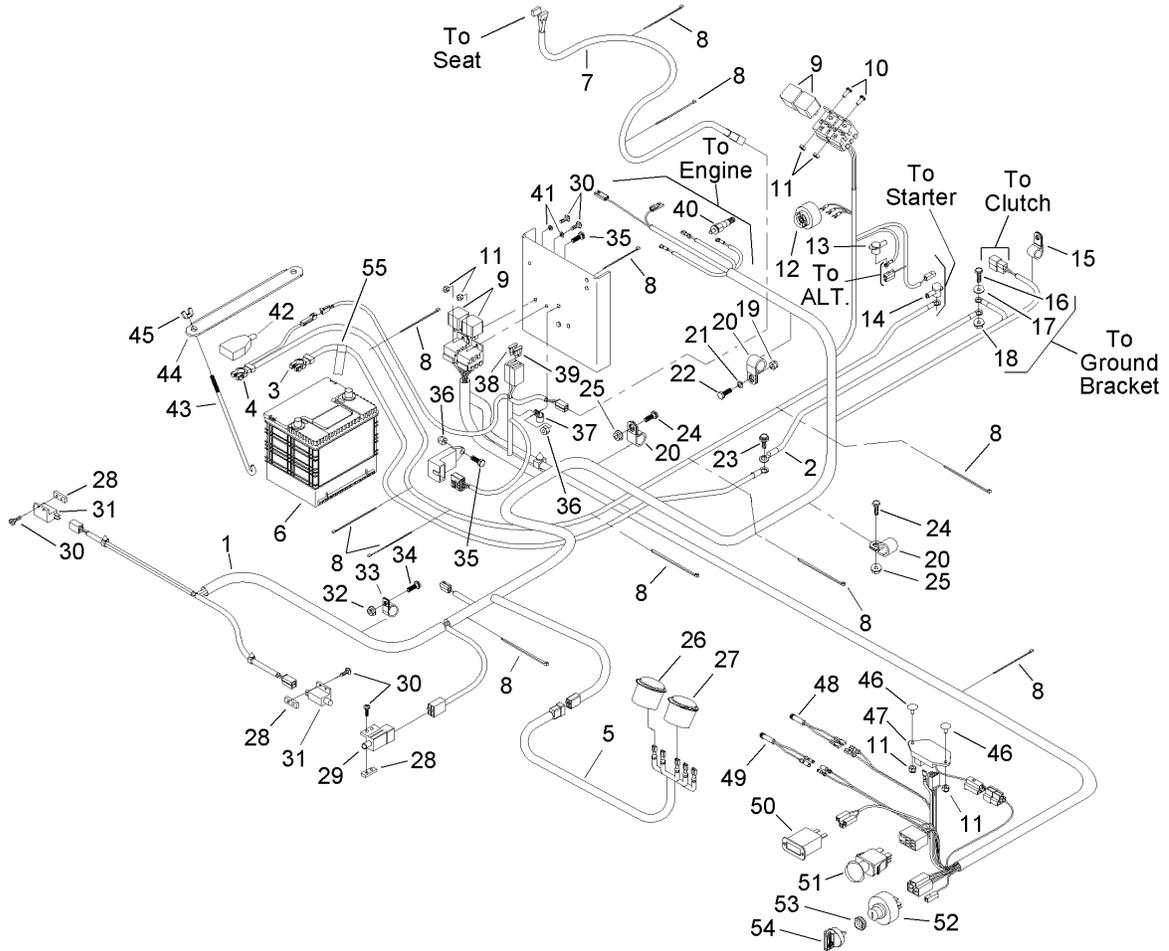
Spindle Assembly No. 106-3217

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	106-3207	1	Bearing ASM	
5:2:1	27-0960	1	Bearing ASM	
5:2:2	106-3206	1	Spacer-Set, Matched	
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. 106-3249

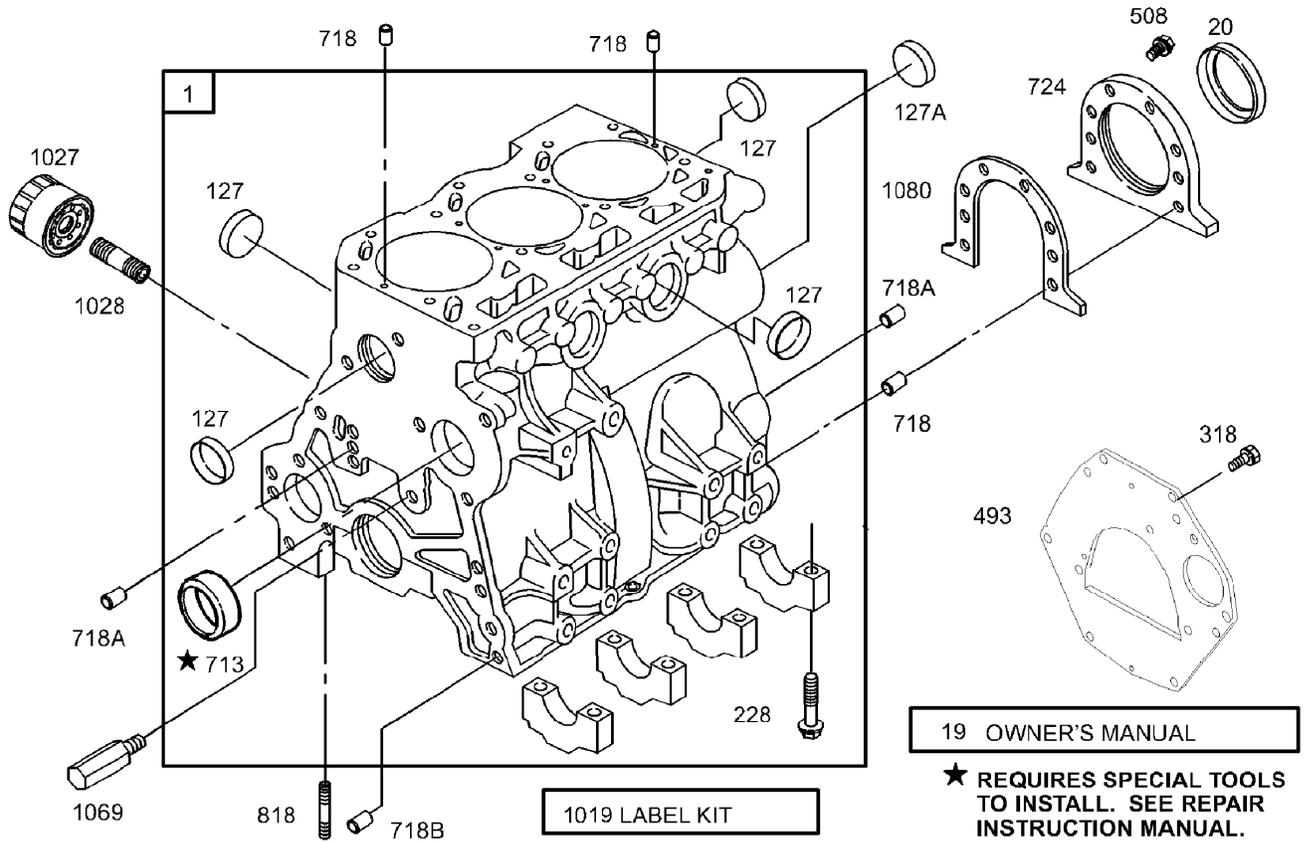
Ref	Part No.	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	107-1617	1	Deflector-Rubber
5	106-3252-01	1	Plate-Hinge, Rear
6	106-3253-01	1	Plate-Hinge, Front
7	3296-39	4	Nut-Lock, NI



Electrical Component Assembly

Ref	Part No.	Qty.	Description
1	103-4340	1	Harness-Wire
2	103-1349	1	Cable-Ground, Engine
3	103-1159	1	Cable-Ground, Battery
4	103-1160	1	Cable-Starter
5	103-4339	1	Harness-Gauge
6	106-5187	1	Battery
7	103-1227	1	Harness-Wiring, Seat
8	1-303335	11	Tie-Plastic
9	1-643275	4	Relay
10	1-803071	2	Screw
11	3296-2	8	Nut-Lock
12	103-0205	1	Alarm-Tone, Dual
13	1-643178	1	Cap-Insulator, Red
14	103-1420	1	Insulator-Starter
15	1-603727	1	Clip-Loom
16	323-6	1	Screw-HH
17	3256-24	1	Washer-Flat
18	3290-357	1	Nut-HHF
19	33023-00	1	Nut-Lock
20	1-633396	3	Clip-Loom
21	3256-22	1	Washer-Flat
22	33113-020	1	Screw-HH
23	32144-70	1	Screw-HH
24	322-3	2	Screw-HH

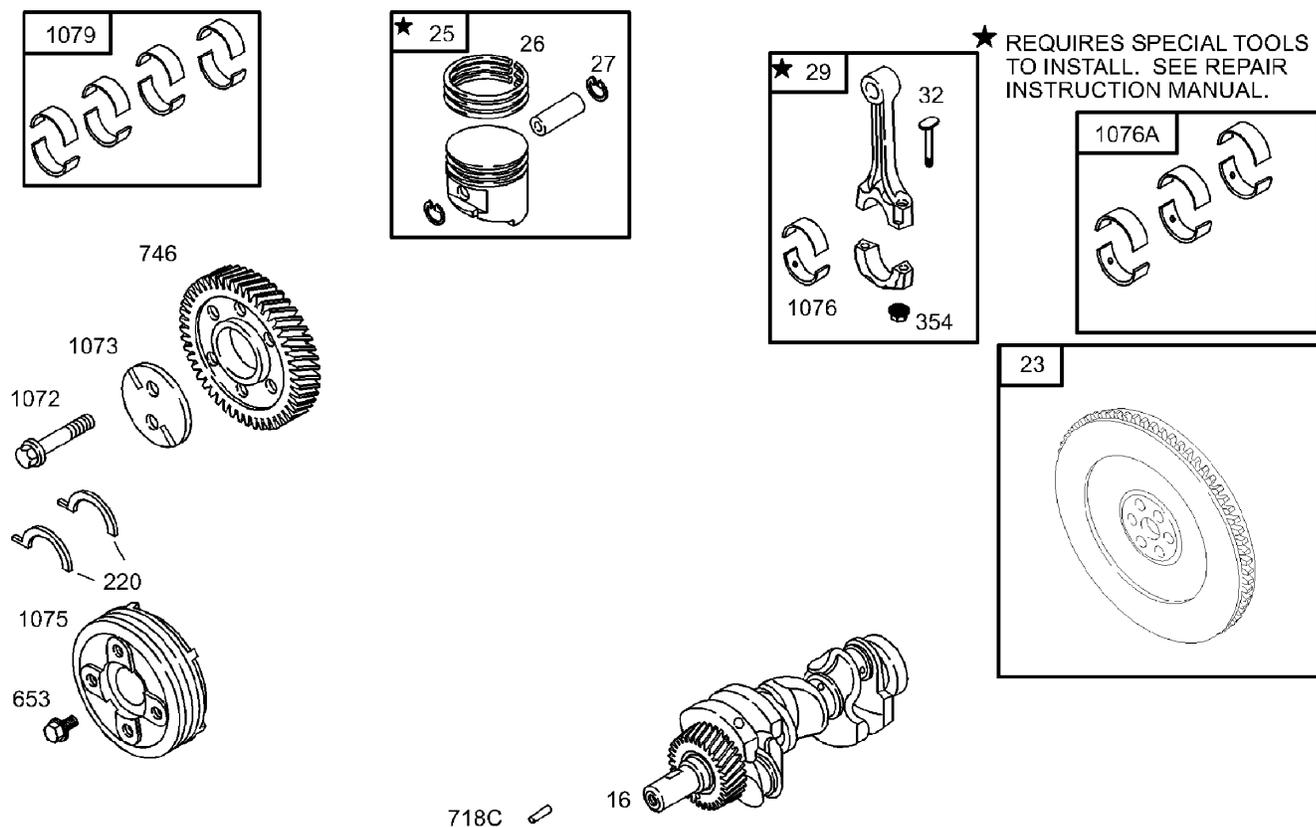
Ref	Part No.	Qty.	Description
25	32128-20	2	Nut-HF
26	1-643037	1	Gauge-Voltmeter
27	1-643021	1	Gauge-Temperature
28	1-633181	3	Plate-Tapped
29	1-633111	1	Switch
30	3290-500	8	Screw-PPH
31	1-513051	2	Switch-Open, Normally
32	32128-33	1	Nut-HF
33	1-323229	1	Clip-Loom
34	321-2	1	Screw-HH
35	321-4	3	Screw-HH
36	3296-42	2	Nut-Lock, NI
37	1-513762	1	Clip-Loom
38	1-816001	1	Fuse-Blade Type, 20 Amp
39	103-1368	1	Fuse-40 Amp
40	103-0949	1	Sender-Temperature
41	3256-14	2	Washer-Flat
42	103-1340	1	Insulator-Terminal, Battery
43	103-1312	2	Bolt-Holddown
44	103-1311-03	1	Holddown-Battery
45	1-543792	2	Wingnut
46	1-807513	2	Bolt-CARR
47	103-5218	1	Module-Delay, Seat
48	1-643267	1	Indicator-Led, Red



Assemblies include all parts shown in frames.

Cylinder Assembly

Ref	Part No.	Qty.	Description
1	107-9891	1	Cylinder ASM
19	103-1384	1	Manual-Engine
20	99-9003	1	Seal-Oil
127	99-9008	1	Plug-Welch
228	99-9006	1	Screw-Hex
318	99-9005	1	Screw-Hex
493	107-9893	1	Plate-End, Rear
508	99-9004	1	Screw-Hex
713	99-9002	1	Bushing
718	99-9012	1	Pin-Locating
724	99-9022	1	Retainer-Seal
818	99-9007	1	Stud-Metric
1019	107-9894	1	Kit-Label
1027	99-9017	1	Filter-Oil
1028	105-9337	1	Adapter-Filter, Oil
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
127A	107-9892	1	Plug-Welch (Cam)
718A	99-9013	1	Pin-Locating
718B	99-9014	1	Pin-Locating

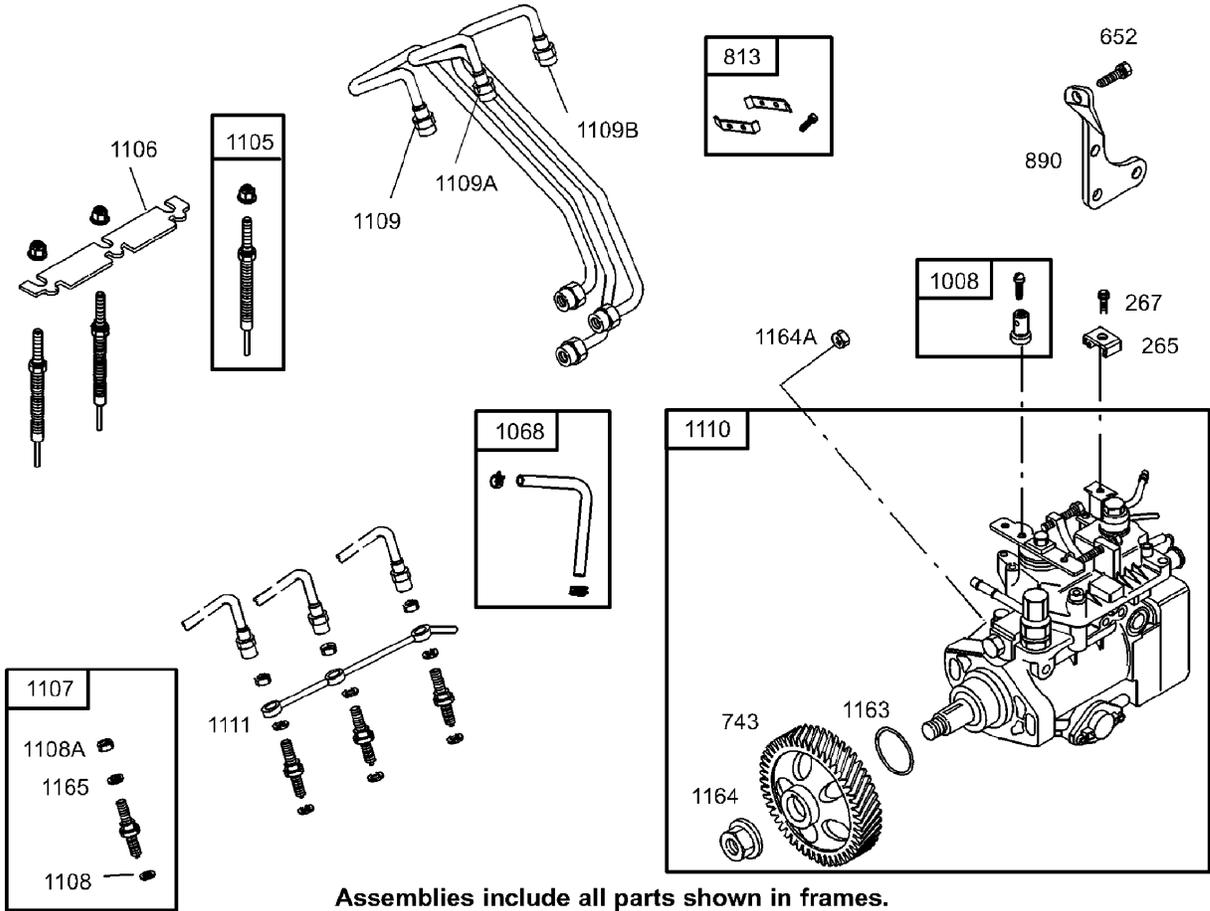


Assemblies include all parts shown in frames.

Crankshaft Assembly

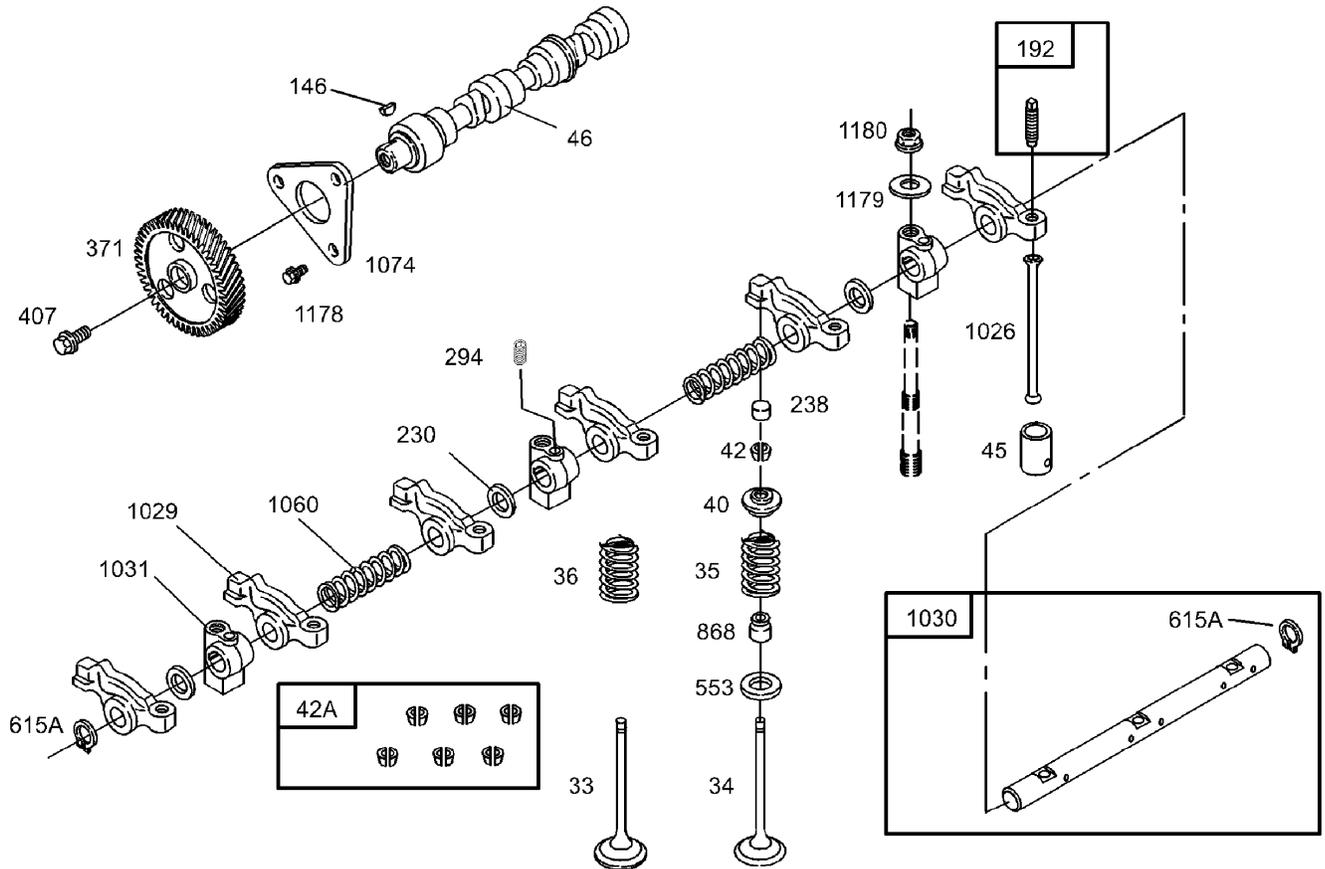
Ref	Part No.	Qty.	Description
16	105-9339	1	Crankshaft
23	99-9024	1	Flywheel
25	107-9895	1	Piston ASM
25	107-9896	1	Piston ASM (Oversize)
26	105-9340	1	Ring Set
26	99-9269	1	Ring Set (.010 In Oversized)
27	99-9607	1	Lock-Pin, Piston
29	99-9608	1	Rod-Connecting
32	99-9030	1	Screw-Rod, Connecting
220	99-9035	1	Washer-Thrust
220	99-9036	1	Washer-Thrust (.005 In Oversized)
354	99-9034	1	Nut-Hex
653	107-9897	1	Screw-Hex
746	99-9609	1	Gear-Drive
1072	99-9032	1	Screw-Hex
1073	99-9040	1	Plate-Gear, Idler
1075	99-9041	1	Pulley-Crankshaft
1076	99-9042	1	Bearing-Rod
1079	99-9045	1	Set-Bearing, Main (Set Of 8)
1079	99-9046	1	Set-Bearing, Main (.010 Undersized)
718C	99-9037	1	Pin-Locating
1076A	99-9043	1	Set-Bearing, Rod

Ref	Part No.	Qty.	Description
1076A	99-9044	1	Set-Bearing, Rod (.010 Undersized)



Injection Pump Assembly

Ref	Part No.	Qty.	Description
265	99-9622	1	Clamp-Casing
267	99-9056	1	Screw-Hex
652	99-9616	1	Screw-Hex
743	99-9689	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose / Clamp ASM
1105	99-9630	1	Plug-Glow
1106	99-9631	1	Strap-Plug, Glow
1107	99-9632	1	Nozzle-Injector
1108	99-9633	1	Seat-Injector
1109	99-9690	1	Pipe-Injector, No. 1
1110	105-9334	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel
1163	99-9618	1	O-Ring
1164	99-9620	1	Nut-Hex, Metric
1165	105-9343	1	Seat-Injector
1108A	105-9345	1	Nut
1109A	99-9634	1	Pipe-Injector, No. 2
1109B	99-9635	1	Pipe-Injector, No. 3
1164A	99-9619	1	Nut-Hex, Metric

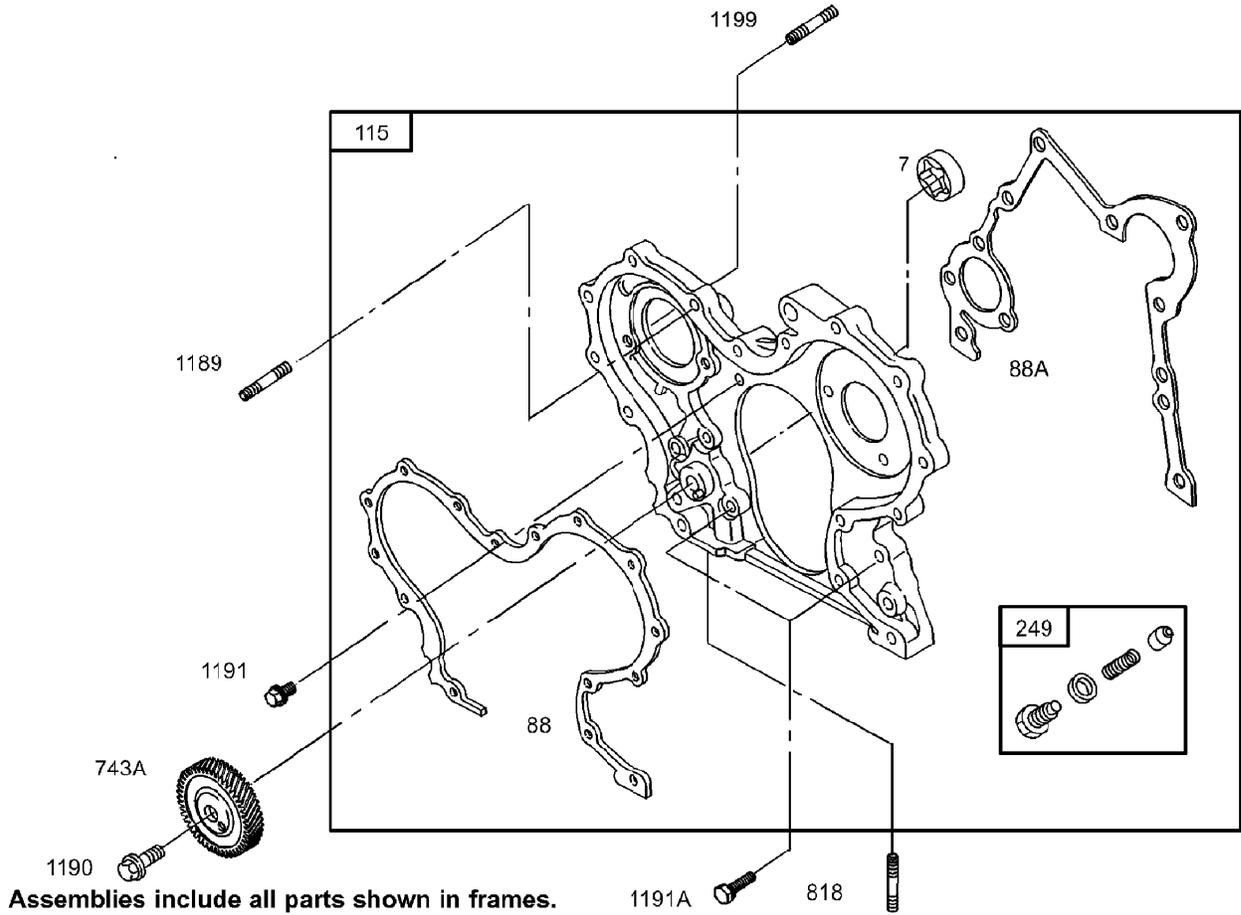


Assemblies include all parts shown in frames.

Camshaft Assembly

Ref	Part No.	Qty.	Description
33	99-9638	1	Valve-Exhaust
34	99-9639	1	Valve-Intake
35	99-9640	1	Spring-Valve
36	99-9640	1	Spring-Valve
40	99-9084	1	Retainer-Valve
42	99-9086	1	Keeper-Valve
45	99-9088	1	Tappet-Valve
46	99-9097	1	Shaft-Cam
146	99-9675	1	Key-Timing
192	99-9092	1	Adjuster-Arm, Rocker
230	99-9093	1	Washer-Spacer
238	99-9094	1	Cap-Valve
294	99-9090	1	Screw-Metric
371	99-9641	1	Gear-Cam
407	99-9085	1	Screw-Metric
42A	99-9087	1	Keeper-Valve (Set Of 6)
553	99-9096	1	Seat-Spring, Valve
868	99-9643	1	Seal-Valve
1026	99-9103	1	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9106	1	Shaft-Arm, Rocker
1031	99-9107	1	Support-Arm, Rocker
1060	99-9108	1	Spring-Shaft, Rocker
1074	99-9109	1	Retainer-Camshaft

Ref	Part No.	Qty.	Description
1178	99-9083	1	Screw-Hex
1179	99-9079	1	Washer-Flat
1180	99-9091	1	Nut-Hex, Metric
615A	99-9099	1	Retainer



Gear Housing Assembly

Ref	Part No.	Qty.	Description
27		1	Pump-Oil
88	99-9653	1	Gasket-Cover, Gear
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
818	99-9007	1	Stud-Metric
88A	99-9136	1	Gasket-Cover, Gear
1189	99-9137	1	Stud-Metric
1190	99-9135	1	Screw-Hex
1191	99-9134	1	Screw-Hex
1199	99-9654	1	Stud-Metric
743A	99-9656	1	Gear-Drive
1191A	99-9133	1	Screw-Hex

NOTES

