Form Number 3355-134 Rev B

Z597-D Z Master®
With 72 Rear Discharge Mower

Model No. 74281TE - 260000001 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.

© The Toro Company - 2006
All Rights Reserved

Register your product at www.Toro.com

Contents

Description	Page
Front Frame Assembly	3
Caster and Z Stand Assembly	5
Main Frame, Console and Floor Pan Assembly	6
Seat and Roll-Over-Protection-System Assembly	7
Deluxe Seat Assembly No. 110-0838	8
Roll-Over-Protection-System Assembly No. 106-7437	9
Wheel and Brake Assembly	10
Motion Control Assembly	11
Engine Mount Assembly	12
Wheel Pump Drive Assembly	13
Deck Belt Drive Assembly	14
Cooling Pump Drive Assembly	15
Hydraulic System Assembly	16
Tank and Fuel Line Assembly	18
Front and Rear Engine Cover Assembly	20
Cooling System Assembly	21
Hood Assembly	22
Deck Connection Assembly	23
Deck Assembly	24
Deck Decal Assembly No. 110-5601	25
Pully Assembly No. 110-9927	26
Low Driven Spindle Assembly No. 104-3532	27
Idler Assembly No. 110-5590	28
Electrical Component Assembly	29
Cylinder Assembly	31
Crankshaft Assembly	32
Cylinder Head Assembly	33
Injectoin Pump Assembly	34
Camshaft Assembly	35
Oil Pan Assembly	36
Gear Cover Assembly	37
Gear Housing Assembly	38
Water Pump Assembly	39
Manifold Assembly	40
Starter Motor and Alternator Assembly	41
Gasket Assembly	42
Attachments and Accessories List	43

Part Description Abbreviations

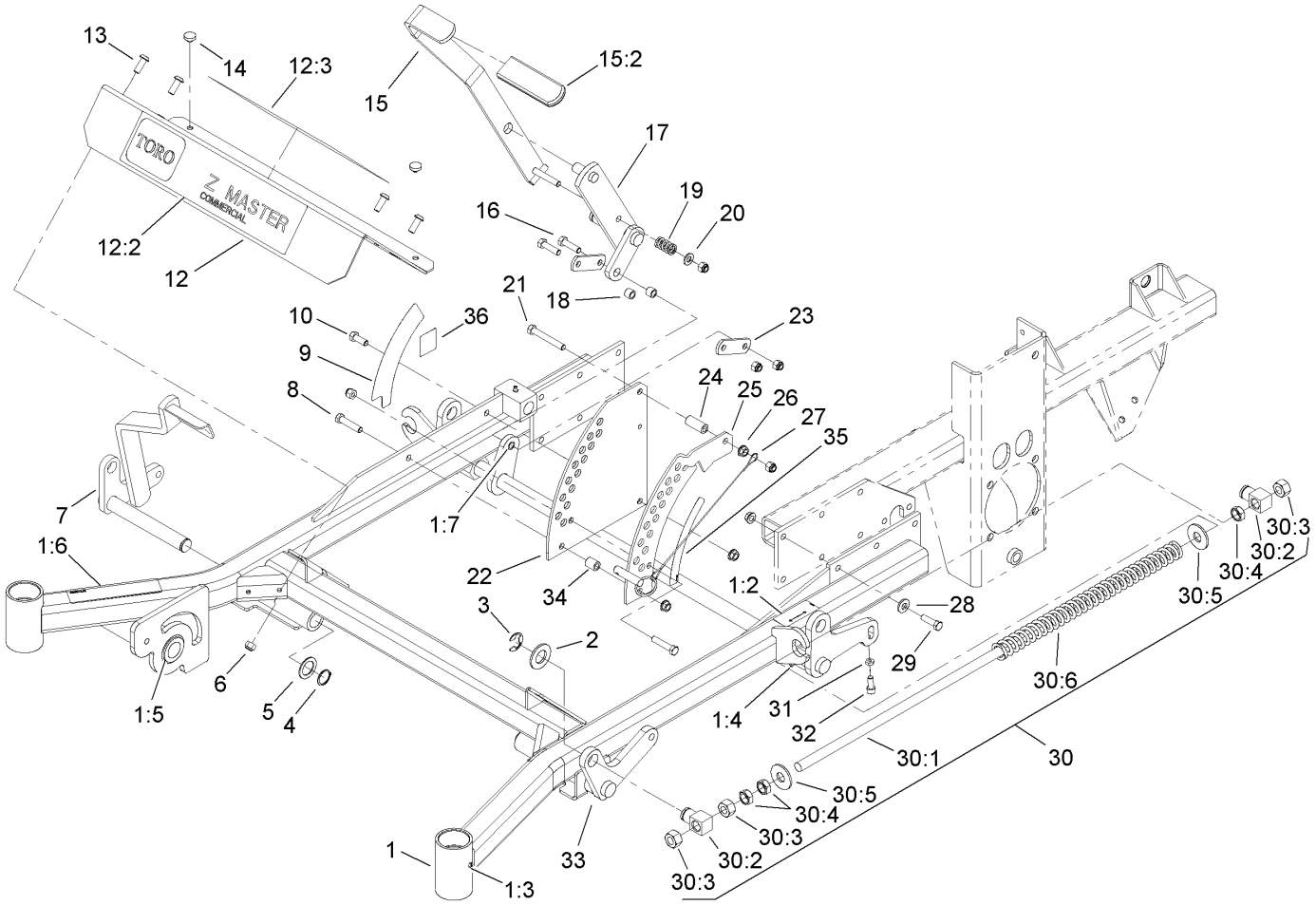
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

❶ Not illustrated

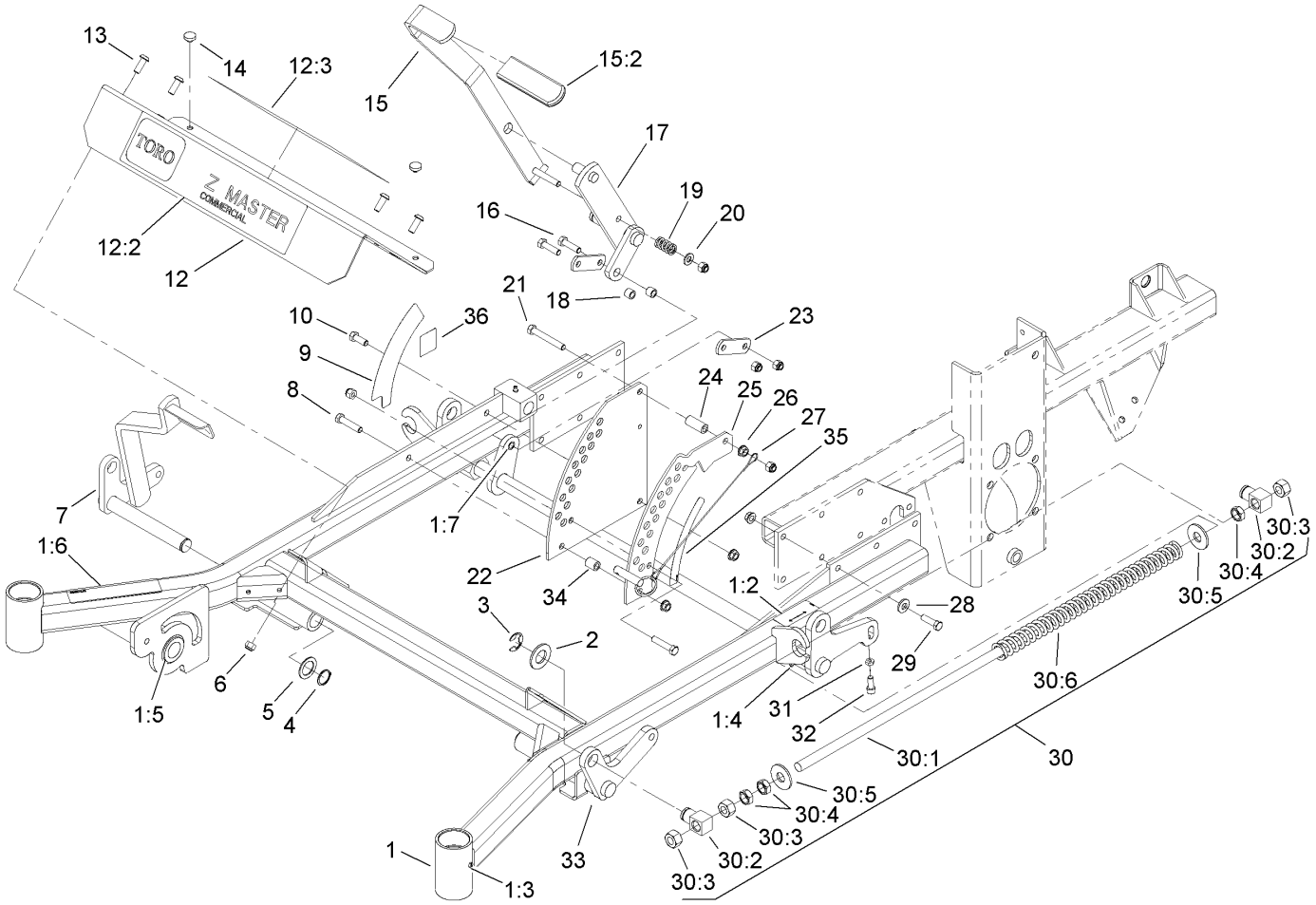
❷ Not serviced separately



Front Frame Assembly

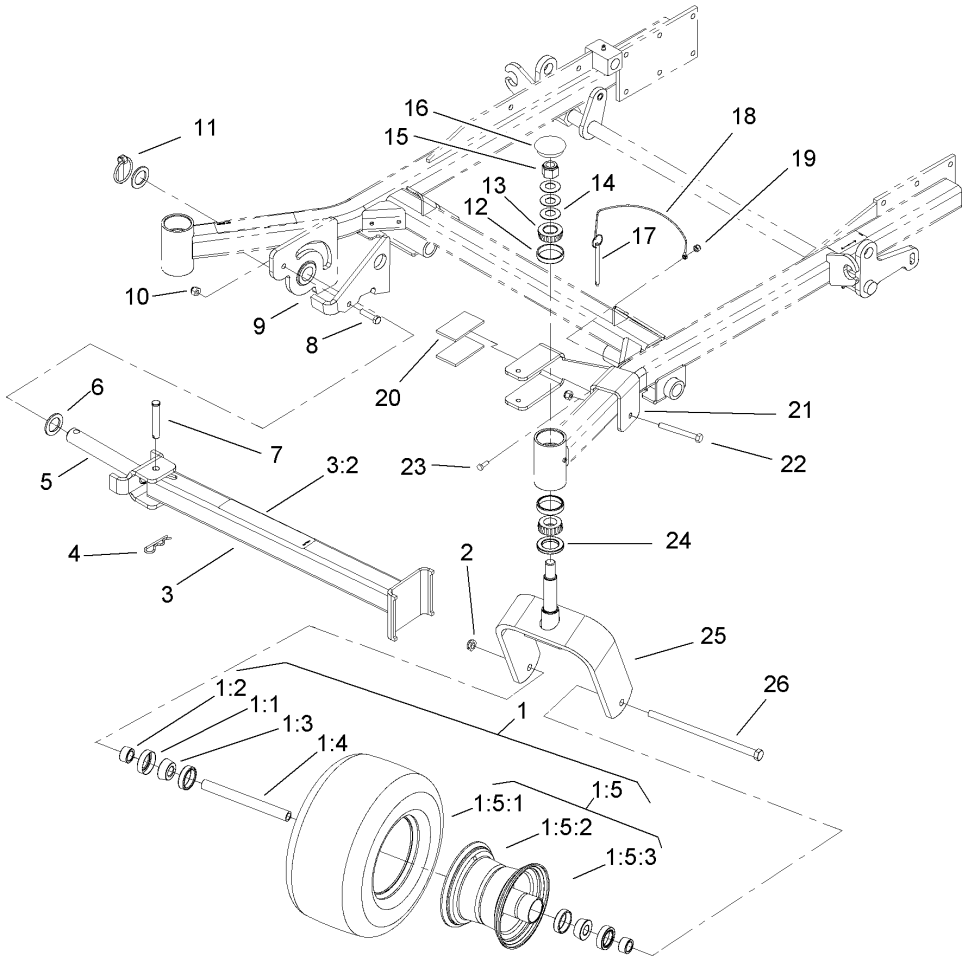
Ref	Part No.	Qty.	Description
1	110-5630	1	Carrier Frame ASM
1:2	107-3968	1	Decal-Brake, Parking
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:5	94-1291	2	Bushing
1:6	107-3969	1	Decal-Warning
1:7	103-1918	1	Bushing
2	3256-29	4	Washer-Flat
3	32151-103	5	Ring-Snap
4	32151-29	2	Ring-Retaining
5	1-523157	2	Washer-Spacer, 14 GA
6	3296-39	9	Nut-Lock, NI
7	108-7786-01	1	RH Front 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	108-7759-01	1	Plate-Lift, Deck
26	3290-357	15	Nut-HHF, Whiz
27	106-9951	1	Hitch Pin ASM
28	98-5975	12	Washer-Belleville
29	323-7	12	Screw-HH
❷30		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



Front Frame Assembly (continued)

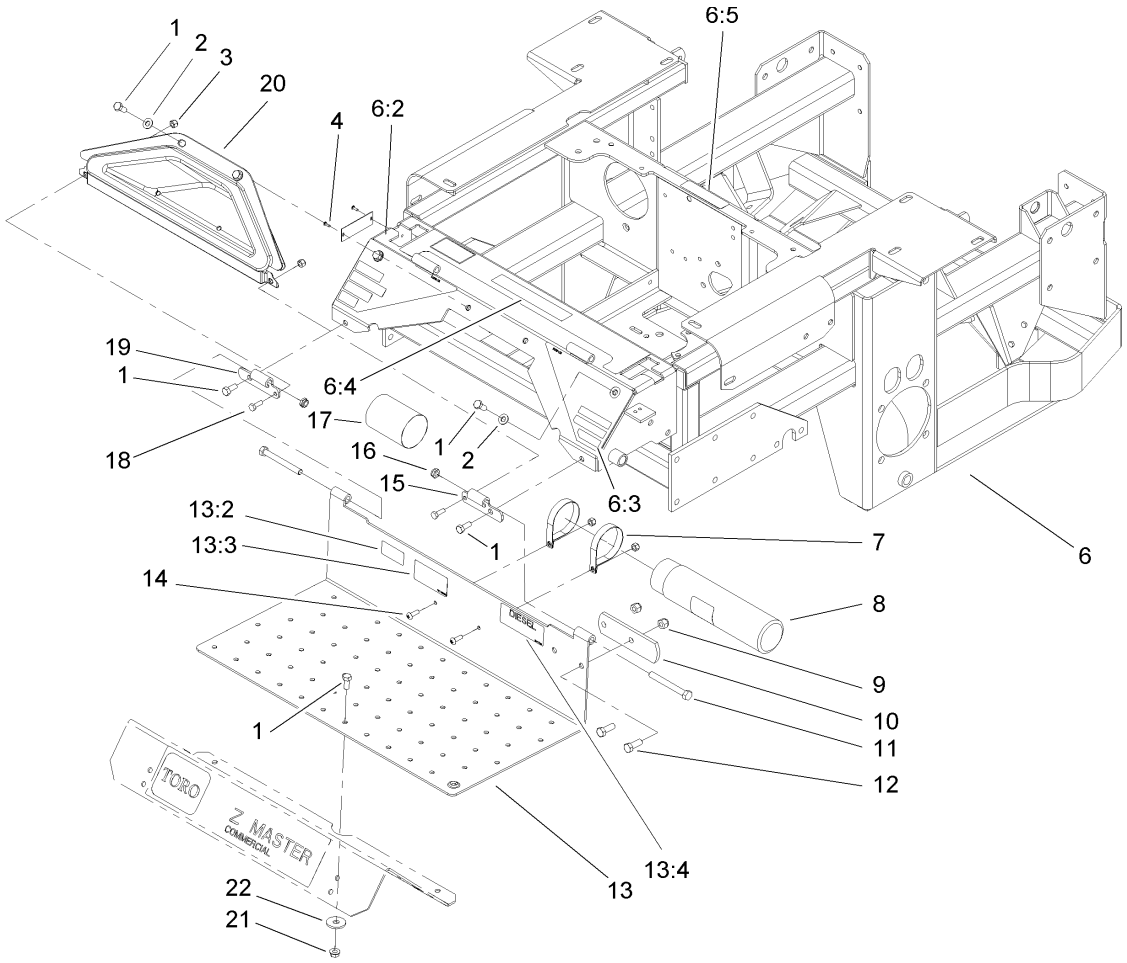
Ref	Part No.	Qty.	Description
35	107-3962	1	Decal-Deck Height, Small
36	105-4674	1	Decal-Noise



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
❷1:5		1	Wheel And 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	3296-23	2	Nut-Lock, NI
3	107-1874	1	Leg ASM
3:2	106-7464	1	Decal-Z Stand
4	3290-355	1	Pin-Hair
5	100-9692-01	1	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

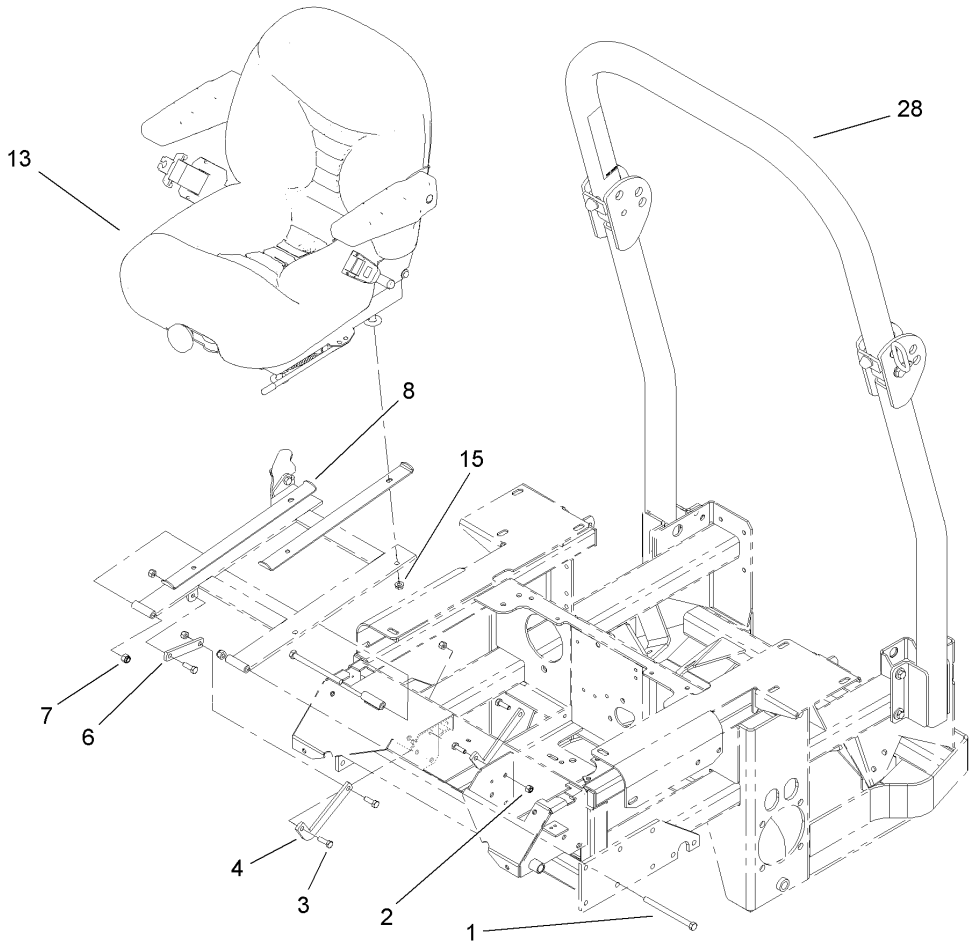
Ref	Part No.	Qty.	Description
16	103-4882	2	Cap-Grease
17	105-1647	1	Pin-Hitch, Cotterless
18	100-9385	1	Lanyard-Nylon
19	3296-42	1	Nut-Lock, NI
20	100-6547	2	Cushion-Rubber
21	108-4136-01	1	Bracket-Cradle
22	323-20	1	Screw-HH
23	321-4	1	Screw-HH
24	1-543511	2	Seal-Grease
25	103-1474-01	2	Fork-Caster
26	325-39	2	Screw-HH



Main Frame, Console and Floor Pan Assembly

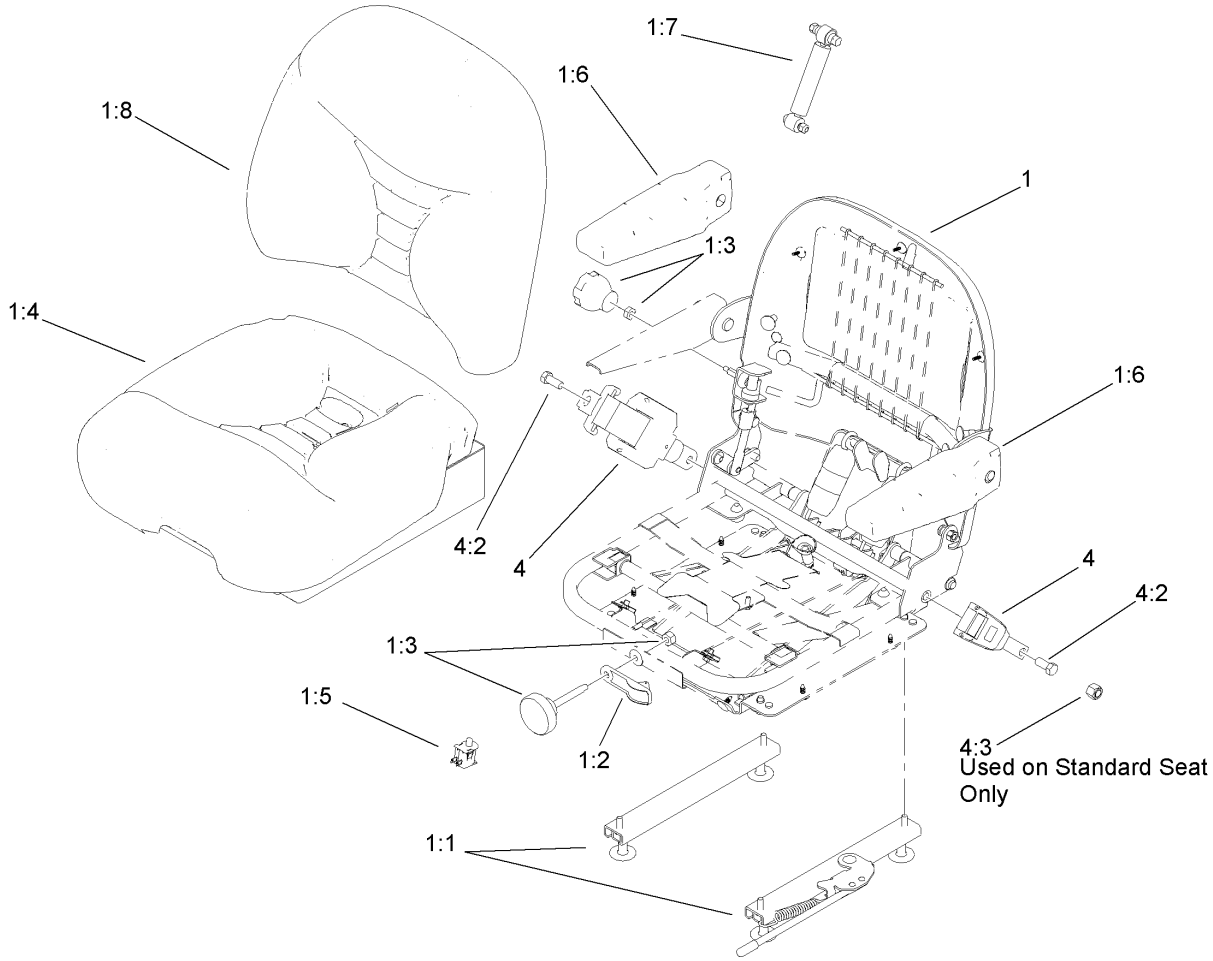
Ref	Part No.	Qty.	Description
1	322-43	7	Screw-HH
2	3256-70	4	Washer-Flat
3	3296-42	4	Nut-Lock, NI
4	923786	2	Rivet
6	107-7656	1	Main Frame ASM
6:2	107-3963	1	Decal-Danger, Left
6:3	107-3964	1	Decal-Warning, Right
6:4	107-3967	1	Decal-Console, Top
6:5	98-1977	2	Decal-Warning
7	107-1865	2	R-Clamp
8	104-7050	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



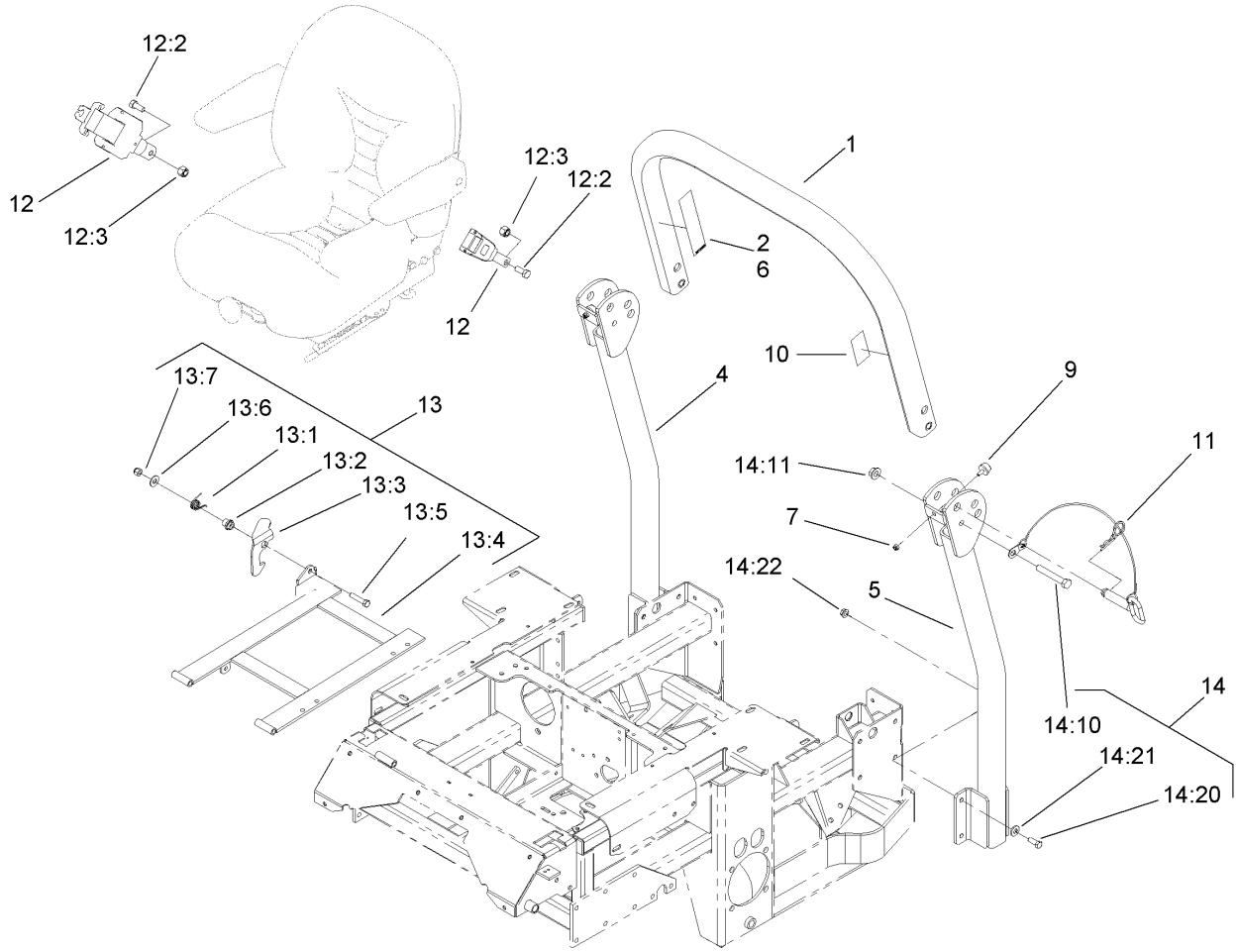
Seat and Roll-Over-Protection-System Assembly

Ref	Part No.	Qty.	Description
1	323-39	2	Screw-HH
2	3296-29	6	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	2	Nut-Lock, NI
8	1-633872-03	2	Stop-Seat
13	110-0838	1	Deluxe Seat ASM
15	32128-20	4	Nut-HF
28	106-7437	1	ROPS ASM



Deluxe Seat Assembly No. 110-0838

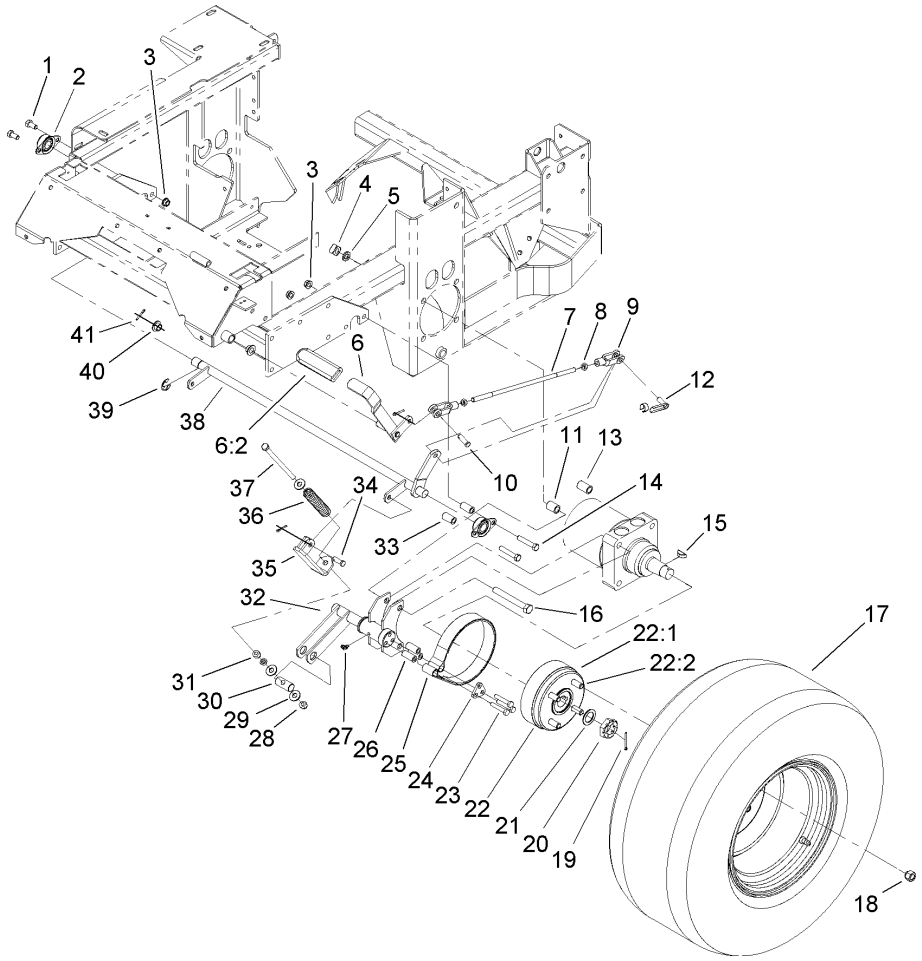
Ref	Part No.	Qty.	Description
❷1		1	Seat ASM
1:1	107-1880	1	Seat Track Kit
1:2	107-1885	1	Weight Indicator Kit
1:3	107-1881	1	Knob Kit
1:4	107-1883	1	Bottom Cushion Kit
1:5	107-1886	1	Switch Kit
1:6	107-1887	1	Armrest Kit
1:7	107-1884	1	Shock Absorber Kit
1:8	107-1882	1	Back Cushion Kit
4	110-0883	1	Retractable Seatbelt Kit
4:2	3212-4	2	Screw-HH
4:3	3296-7	2	Nut-Lock



Roll-Over-Protection-System Assembly No. 106-7437

Ref	Part No.	Qty.	Description
❷1		1	Upper Tube ASM
2	107-2102	1	Decal-Warning, Folding ROPS
❷4		1	Tube-Support, RH
❷5		1	Tube-Support, LH
6	107-3069	1	Decal-Warning, Folding ROPS (Ce)
7	3296-73	2	Nut-Lock, NI
9	109-2365	2	Bumper-Rubber W/Stud
10	107-2101	1	Decal-ROPS
11	103-4553	2	ROPS Fold Pin ASM
12	110-0883	1	Retractable Seatbelt Kit
12:2	3212-4	2	Screw-HH
12:3	3296-7	2	Nut-Lock
13	109-1813	1	Seat Frame Single Latch ASM
13:1	103-5520	1	Catch-Latch, Single
13:2	103-5519	1	Spring-Torsion, Latch
13:3	107-0075	1	Bushing-Latch, Seat
13:4	109-1810-03	1	Frame-Seat, Single Latch
13:5	3256-4	1	Washer-Flat
13:6	3296-39	1	Nut-Lock, NI
13:7	323-9	1	Screw-HH
❷14		1	Bag-Bolt
14:10	325-13	2	Screw-HH
14:11	32128-23	2	Nut-HF

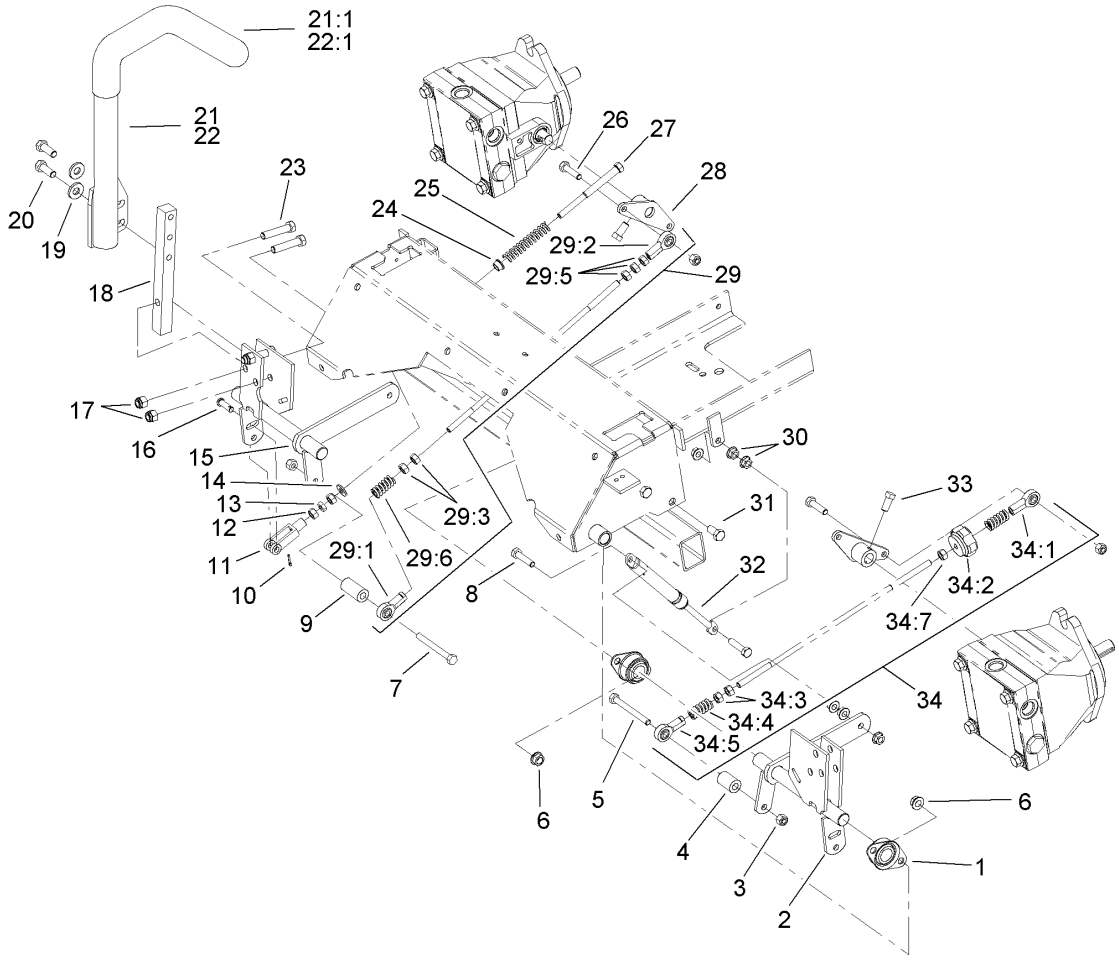
Ref	Part No.	Qty.	Description
14:20	323-8	8	Screw-HH
14:21	98-5975	8	Washer-Belleville
14:22	3290-357	8	Nut-HHF, Whiz



Wheel and Brake Assembly

Ref	Part No.	Qty.	Description
1	323-4	2	Screw-HH
2	1-633102	2	Bearing-Flange, Side
3	3290-357	4	Nut-HHF, Whiz
4	103-0131	8	Nut-Square
5	3253-7	8	Washer-Lock
6	103-0197	1	Brake Lever And Grip ASM
6:2	1-633268	1	Grip-Lever, Brake
7	103-1708	1	Rod-Brake
8	3219-3	2	Nut-Hex
9	1-633131	2	Yoke-Linkage, Brake
10	1-808285	1	Pin-Clevis
11	1-633060	4	Spacer-Wheel, Short
12	103-2399	1	Pin-Spring, Clevis
13	1-633062	4	Spacer-Wheel, Long
14	323-10	2	Screw-HH
15	3257-42	2	Key-Woodruff
16	325-20	8	Screw-HH
17	103-4962	2	Wheel And Tire ASM
18	242-50	8	Nut-Lug
19	1-806800	2	Pin-Cotter
20	1-809036	2	Nut-HH
21	1-523157	2	Washer-Spacer, 14 GA
22	103-0590	2	Hub And Wheel ASM
22:1	103-0589	1	Wheel Hub ASM

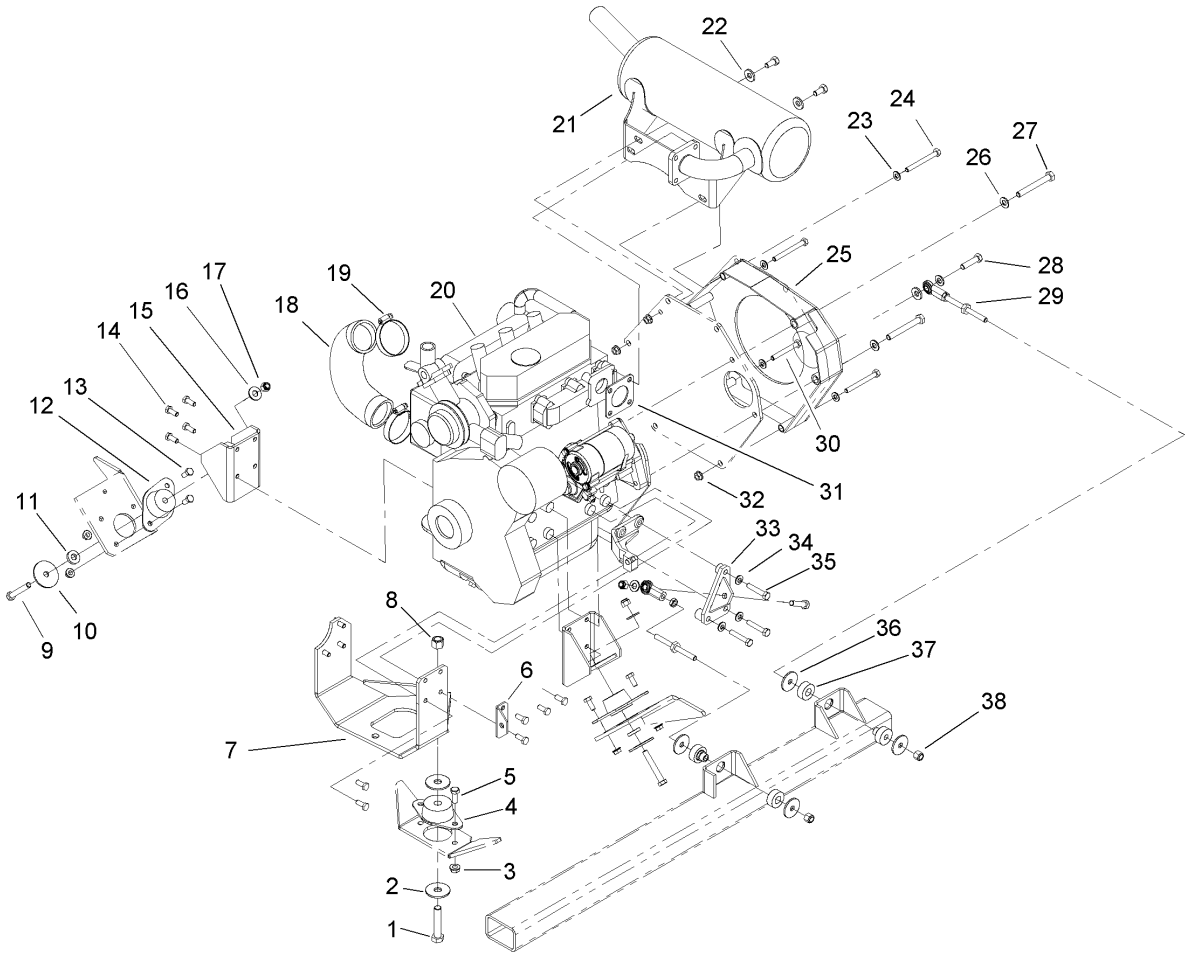
Ref	Part No.	Qty.	Description
22:2	1-633926	4	Stud-Wheel
23	322-9	6	Screw-HH
24	103-0374	2	Retainer-Band, Brake
25	103-0355	2	Band-Brake
26	103-0384	6	Spacer
27	302-19	2	Fitting-Grease
28	3296-39	4	Nut-Lock, NI
29	3256-4	6	Washer-Flat
30	1-633144	2	Pin-Trunion
31	3218-3	2	Nut-Jam
32	103-0810-03	2	Brake-Wide
33	103-0051	2	Spacer-Retainer, Brake
34	1-808284	2	Pin-Clevis
35	103-1117-03	2	Linkage-Brake, Lower
36	1-633454	2	Spring-Brake
37	323-58	2	Bolt-TAP, HH
38	103-5243-03	1	Shaft-Brake
39	32151-48	1	E-Ring
40	1-513140	2	Bearing-Control
41	3272-10	4	Pin-Cotter



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	8	Nut-Lock, NI
4	103-1361	1	Spacer-Hydro Control, LH
5	322-12	1	Screw-HH
6	3290-357	8	Nut-HHF, Whiz
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	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

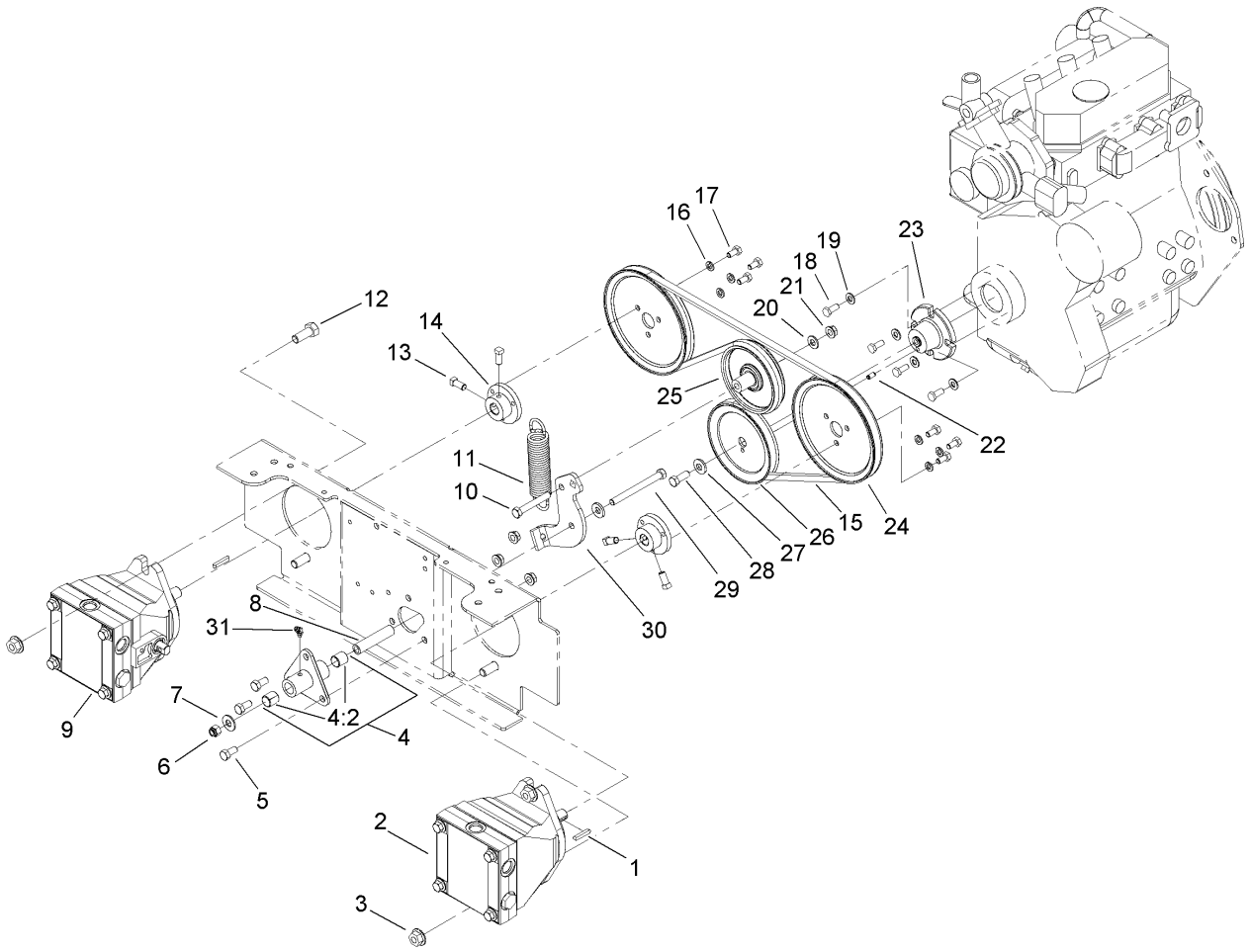
Ref	Part No.	Qty.	Description
23	323-9	6	Screw-HH
24	1-603735	2	Bushing-Flanged
25	1-603807	2	Spring-Return, Neutral
26	322-6	4	Screw-HH
27	1-603737	2	Bolt-Return, Neutral
28	103-0194-03	2	Arm-Control, Hydro
29	103-5190	1	RH HYD Connect Link ASM
29:1	1-543017	1	Balljoint-RH
29:2	1-633152	1	Balljoint-Thread, LH
29:3	1-804524	2	Nut
29:5	3219-2	3	Nut-Hex
29:6	1-323245	1	Spring-Compression
30	32128-20	8	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
34:1	1-543017	1	Balljoint-RH
34:2	103-3060	1	Knob-Tracking
34:3	1-804524	2	Nut
34:4	1-323245	2	Spring-Compression
34:5	1-633152	1	Balljoint-Thread, LH
34:7	3219-2	1	Nut-Hex



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, Whiz
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	2	Washer-Flat
17	3296-39	3	Nut-Lock, NI
18	103-0921	1	Hose
19	2412-42	2	Clamp-Hose
20	107-7704	1	Engine-Daihatsu
21	103-2592	1	Muffler Kit
22	98-5975	3	Washer-Belleville
23	3256-23	4	Washer-Flat
24	322-14	3	Screw-HH

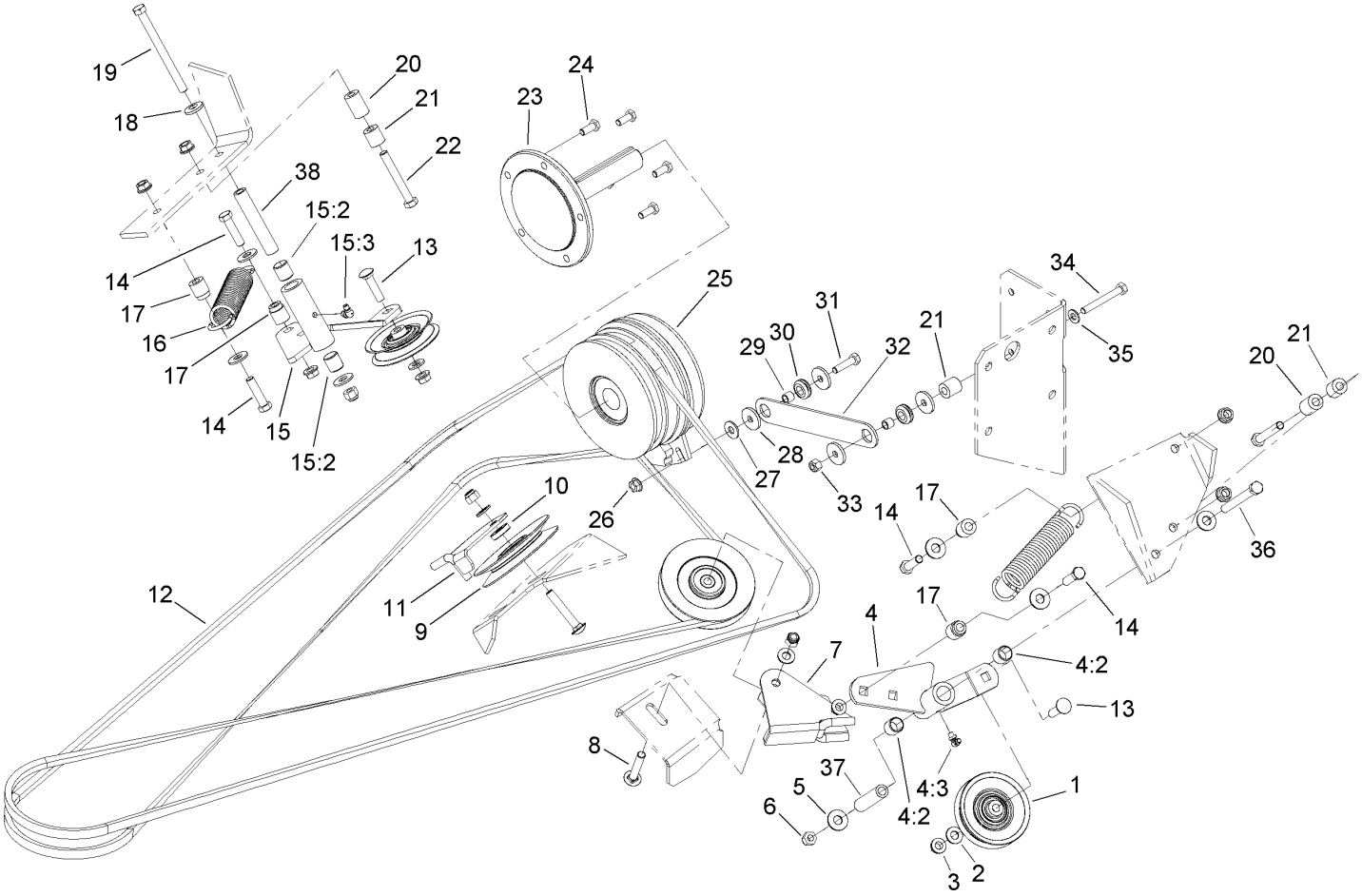
Ref	Part No.	Qty.	Description
25	103-3573-03	1	Cover-Flywheel
26	3256-24	4	Washer-Flat
27	56-2150	2	Screw-HH
28	323-8	2	Screw-HH
29	103-3745	2	Ball Joint Link ASM
30	322-12	1	Screw-HH
31	103-1385	1	Gasket-Muffler
32	32128-20	7	Nut-HF
33	103-3556-03	1	Bracket-Engine, Front
34	1-303334	3	Washer-Spring
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
❶2:1	100-6110	1	Overhaul Seal Kit
3	32128-49	4	Nut-HHF
4	103-4467	1	Pump Idler ASM
4:2	1-513034	2	Sleeve-Bearing
5	323-4	3	Screw-HH
6	3296-39	1	Nut-Lock, NI
7	3256-4	1	Washer-Flat
8	103-0919	1	Bushing-Tightener, Pivot
9	103-2979	1	Pump-Hydro, RH
❶9:1	100-6110	1	Overhaul Seal Kit
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, Whiz

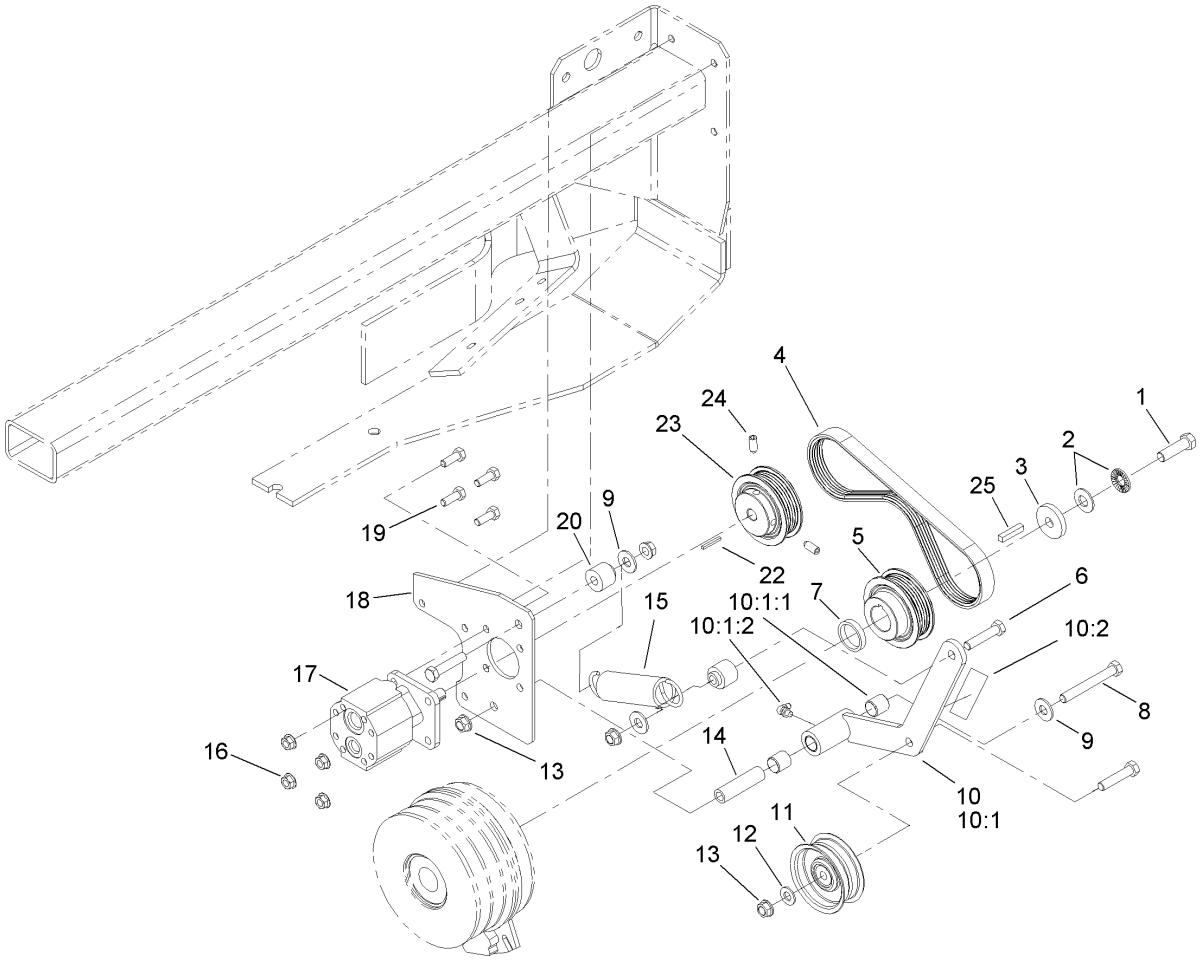
Ref	Part No.	Qty.	Description
22	103-1459	1	Pin-Roll
23	103-1421	1	Hub-Drive, Pump
24	103-1472	2	Sheave-Pump
25	103-4464	1	Idler-Pump
26	103-5164	1	Sheave-Engine
27	98-5975	2	Washer-Belleville
28	323-6	1	Screw-HH
29	323-16	1	Screw-HH
30	103-4463-03	1	Arm-Tightener, Pump
31	302-11	1	Fitting-Lube, 45 DEG



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, Whiz
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

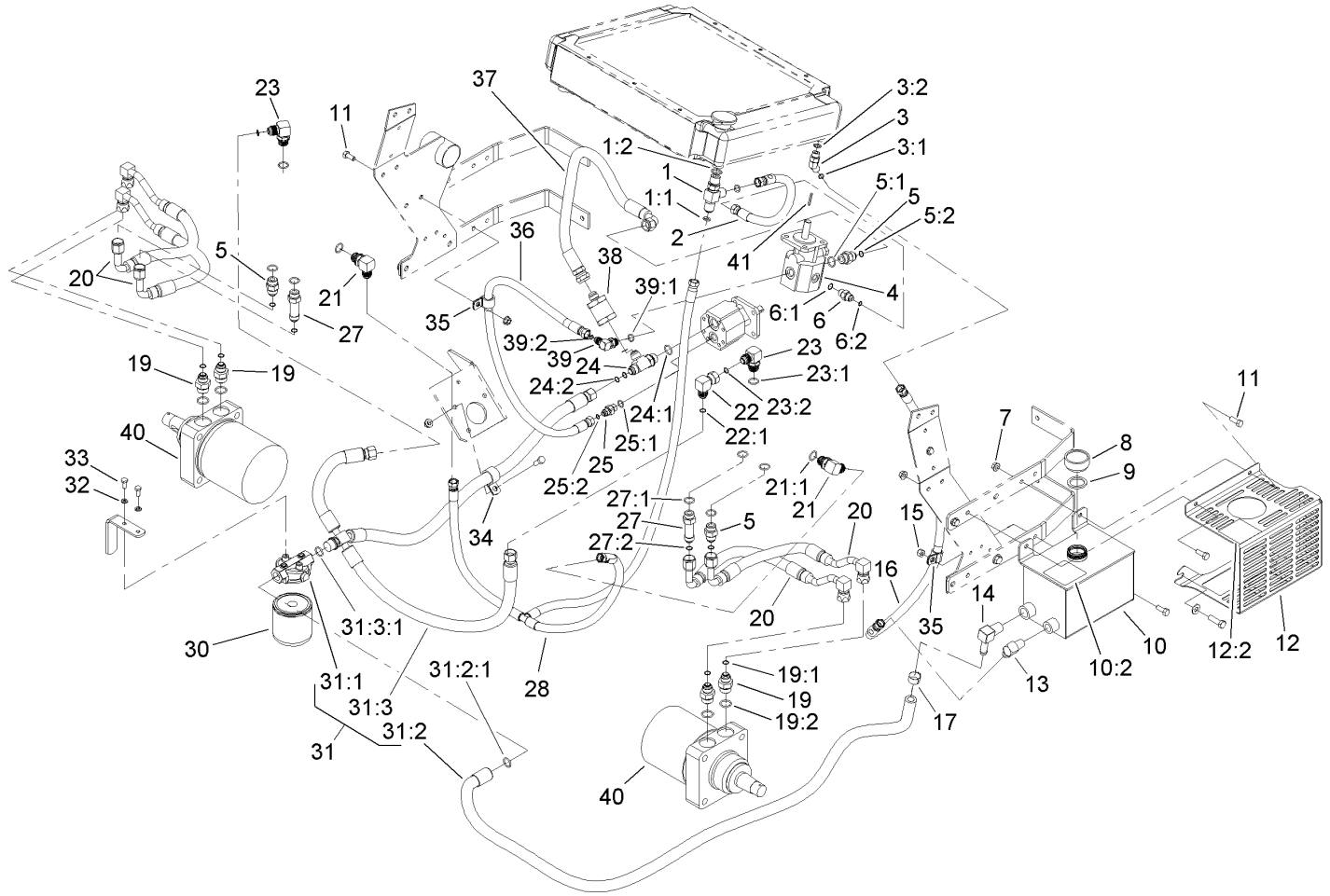
Ref	Part No.	Qty.	Description
21	103-0193	3	Spacer-Strap, Clutch
22	323-13	2	Screw-HH
23	103-0286	1	Shaft-Stub
24	33114-020	5	Screw-HH
25	103-0083	1	Clutch ASM
26	32128-20	1	Nut-HF
27	3256-3	1	Washer-Flat
28	1-613235	4	Washer
29	1-633545	2	Spacer
30	1-633630	2	Grommet-Brake
31	322-6	1	Screw-HH
32	103-0192-03	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-Tightener, 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
❷10:1		1	Tensioner ASM
10:1:1	1-513034	2	Sleeve-Bearing
10:1:2	302-40	1	Fitting-Grease
10:2	98-1977	1	Decal-Warning
11	1-633167	1	Sheave-Idler
12	3256-24	1	Washer-Flat
13	3290-357	4	Nut-HHF, Whiz
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

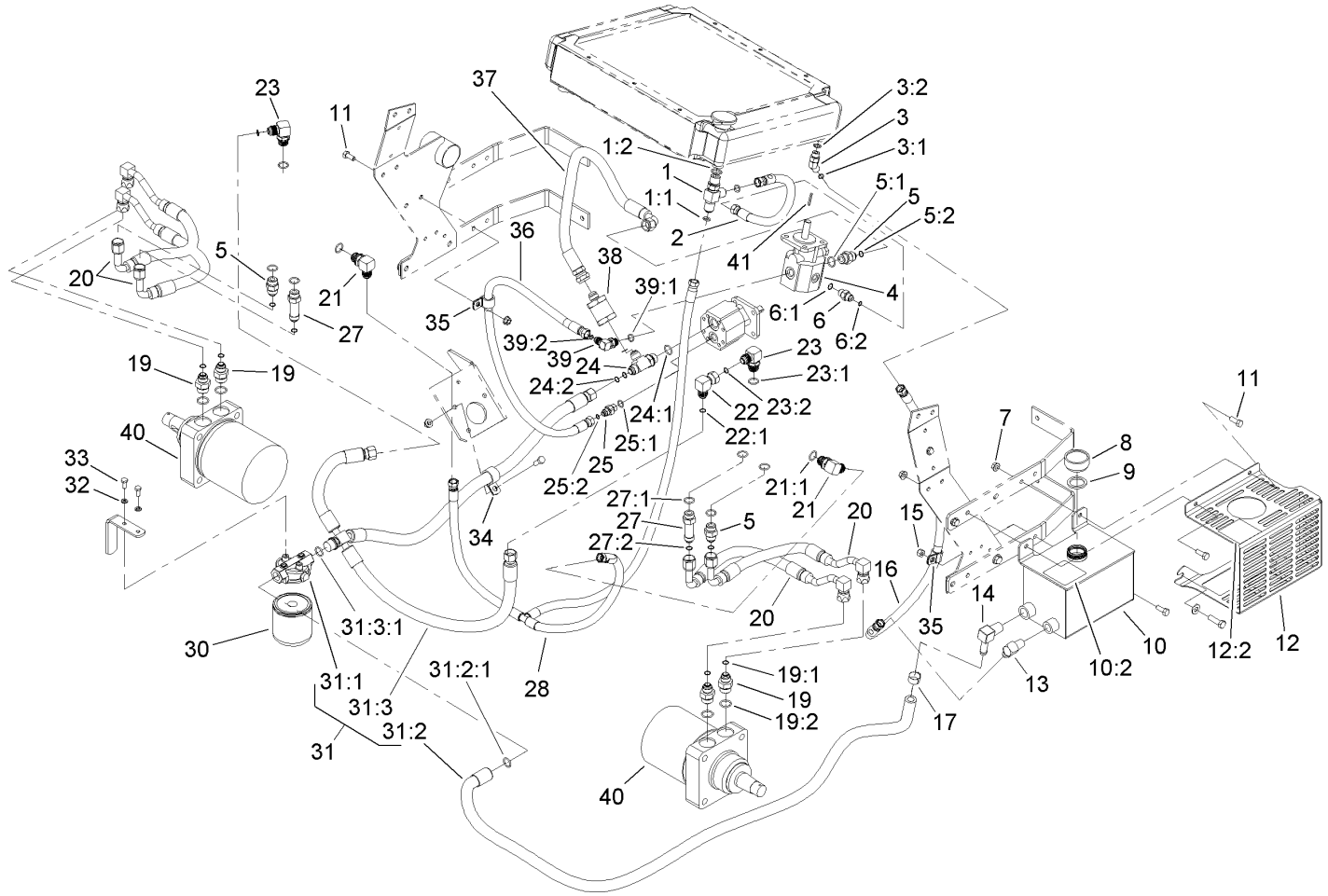
Ref	Part No.	Qty.	Description
22	32150-1	1	Key-Square
23	103-1338	1	Sheave-5 Rib
24	3246-6	2	Screw-Set, HSH
25	13-2840	1	Key-Square



Hydraulic System Assembly

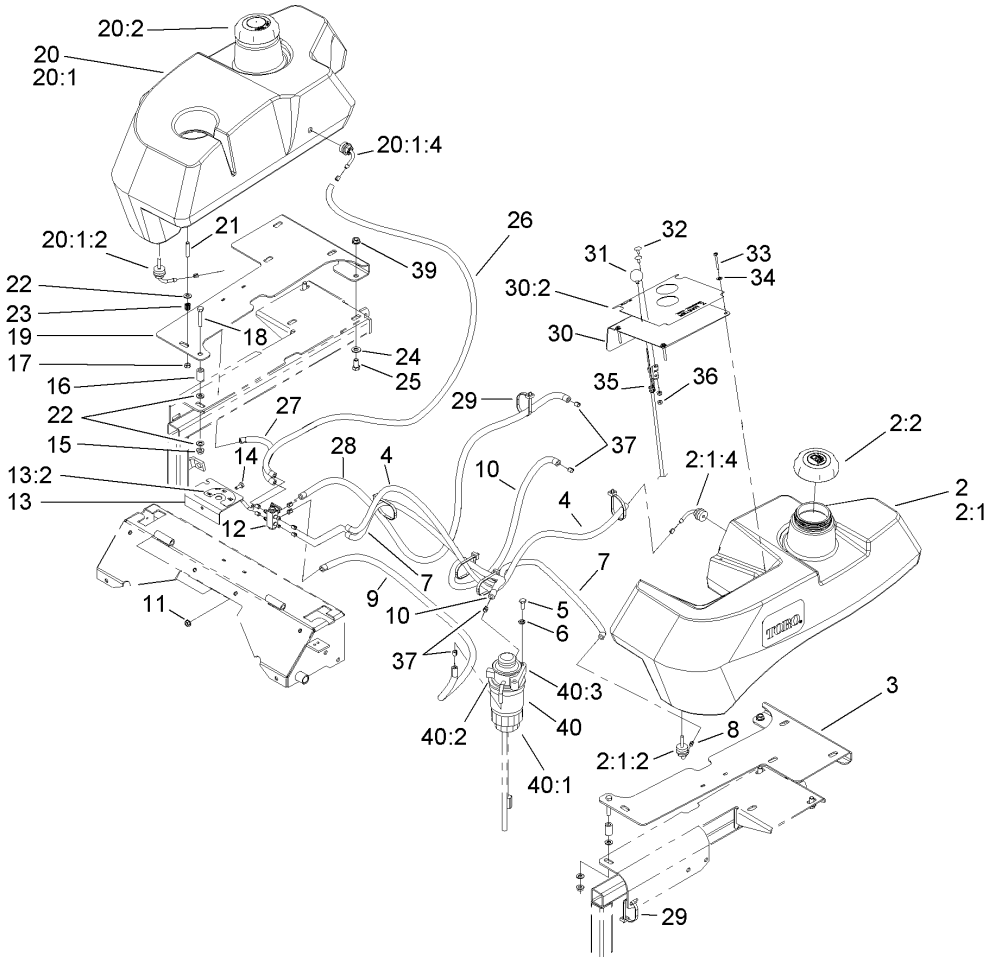
Ref	Part No.	Qty.	Description
1	108-5998	1	Fitting-HYD, Straight Tee
1:1	237-21	2	O-Ring
1:2	237-42	1	O-Ring
2	103-2173	1	Fan Case Drain Hose ASM
3	108-5999	1	Fitting-HYD, 45 Elbow
3:1	237-21	1	O-Ring
3:2	237-42	1	O-Ring
4	103-7430	1	Motor-Fan, Cooling
5	1-603990	3	Fitting-Straight
5:1	1-603920	1	O-Ring
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	103-4679	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 System Assembly (continued)

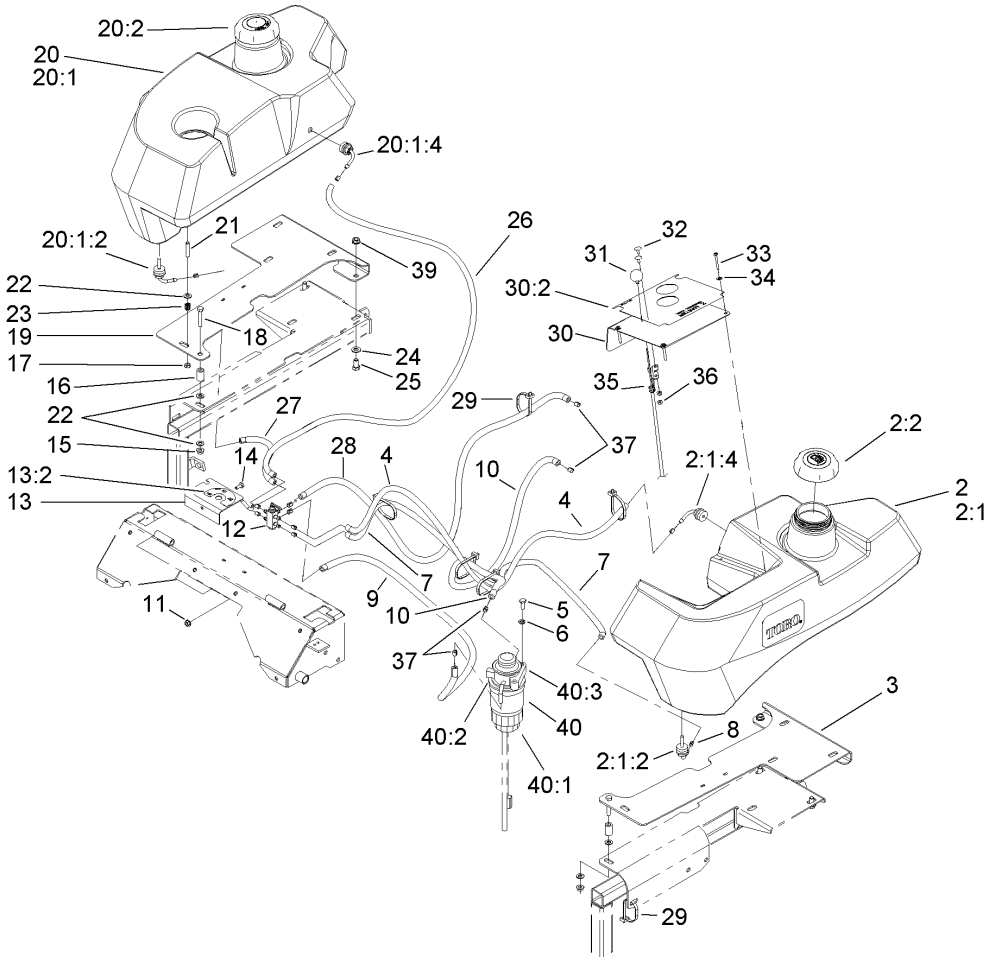
Ref	Part No.	Qty.	Description
30	67-8110	1	Cartridge-Filter, Oil
31	103-5120	1	Charge Hose ASM
31:1	103-2259	1	Head-Filter
31:2	103-5121	1	Filter Inlet Hose ASM
31:2:1	1-603920	1	O-Ring
31:3	103-2269	1	Pump Inlet Hose ASM
31:3:1	1-603920	1	O-Ring
32	1-805004	2	Washer-Lock
33	321-3	2	Screw-HH
34	1-643312	1	Clip-Loom
35	1-633396	2	Clip-Loom
36	103-2148	1	Auxillary 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



Tank and Fuel Line Assembly

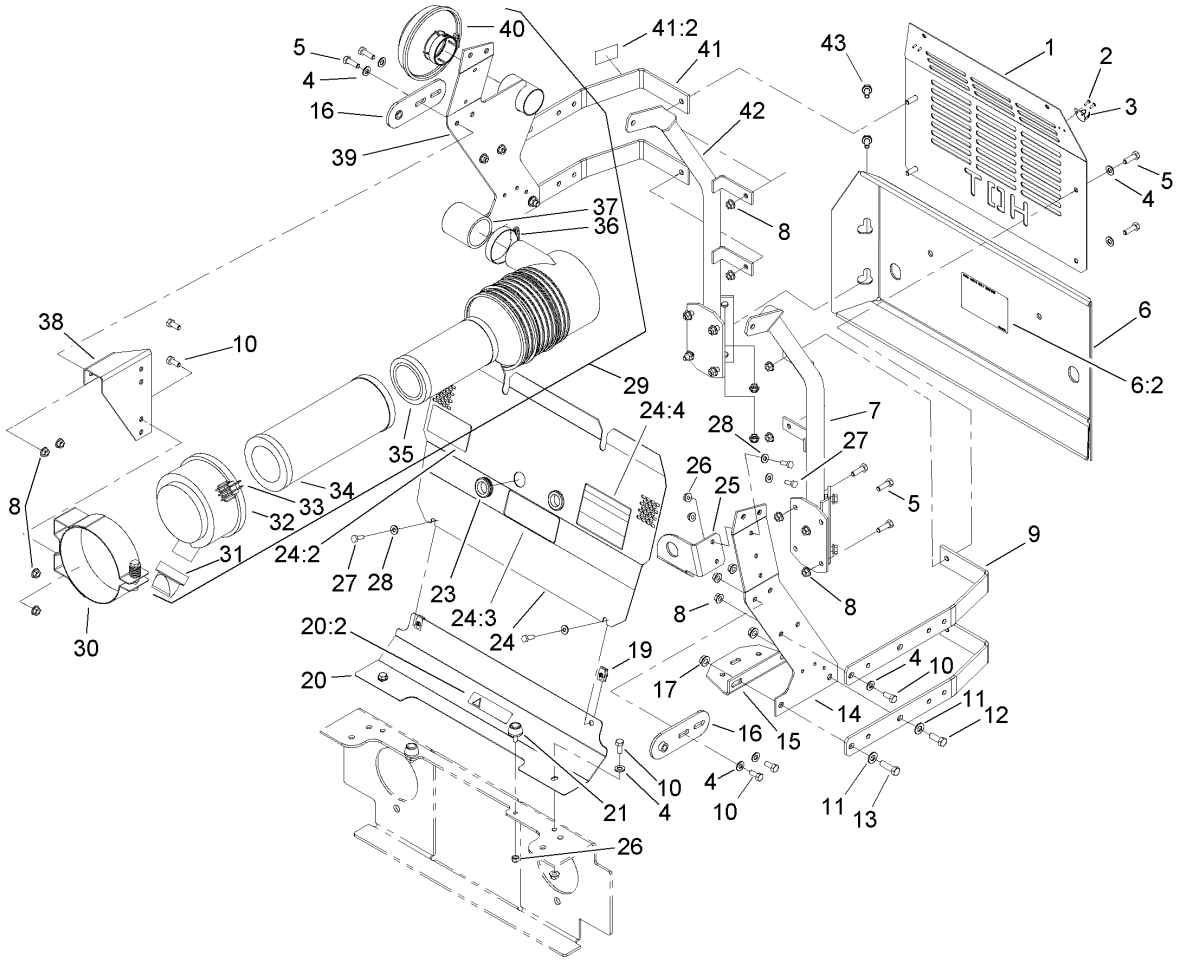
Ref	Part No.	Qty.	Description
2	110-4169	1	LH Tank ASM
❷2:1		1	Tank-Fuel, LH
2:1:2	103-2605	1	Fitting-Fuel, Bulkhead
2:1:4	103-2615	1	Fitting-Fuel, Bulkhead
2:2	110-0897	1	Cap-Fuel, Diesel
3	107-7672-03	1	Bracket-Fuel Tank, LH
4	107-7686	1	Hose-Fuel
5	33114-020	2	Screw-HH
6	1-805005	2	Washer-Lock
7	107-7742	1	Hose-Fuel
8	1-643293	8	Clamp-Hose, Fuel
9	107-7687	1	Hose-Fuel
10	103-1693	1	Hose-Fuel
11	32128-33	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	110-4168	1	RH Tank ASM

Ref	Part No.	Qty.	Description
❷20:1		1	Tank-Fuel, RH
20:1:2	103-2605	1	Fitting-Fuel, Bulkhead
20:1:4	103-2615	1	Fitting-Fuel, Bulkhead
20:2	110-0897	1	Cap-Fuel, Diesel
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	110-3889	1	Control Panel ASM
30:2	110-5724	1	Decal-Panel, Control
31	1-603175	1	Knob-Ball
32	1-807513	2	Bolt-CARR
33	1-803071	4	Screw
34	1-303435	4	Washer-Spring
35	110-5716	1	Cable-Throttle
36	3296-2	2	Nut-Lock
37	1-643277	6	Clamp-Hose, Fuel
39	3290-357	4	Nut-HHF, Whiz
40	100-3191	1	Separator-Fuel



Tank and Fuel Line Assembly (continued)

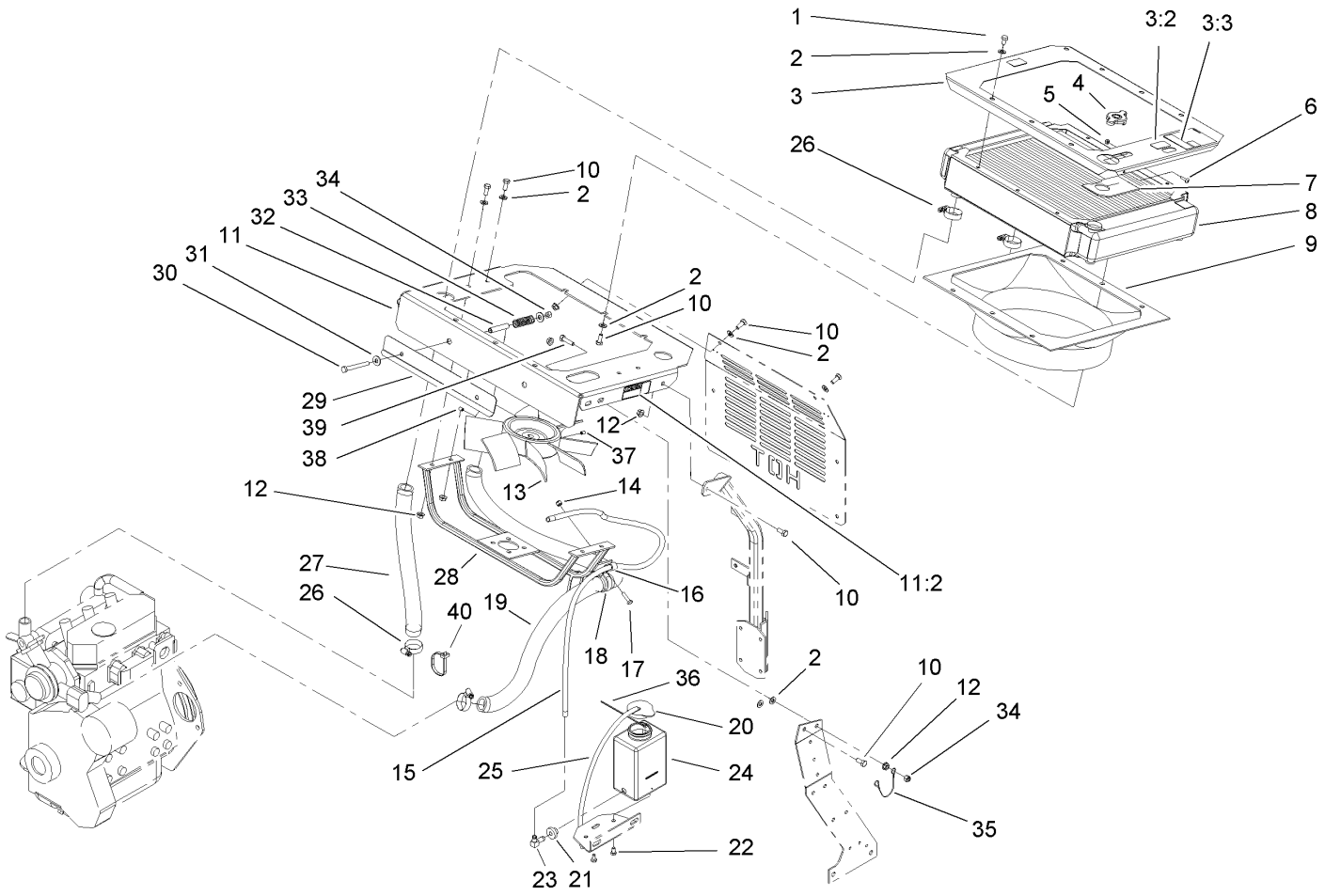
Ref	Part No.	Qty.	Description
40:1	100-3192	1	Element-Filter, Fuel
40:2	100-6409	1	Sensor-Filter, Fuel
40:3	100-6408	1	Cover-Filter



Front and Rear Engine Cover Assembly

Ref	Part No.	Qty.	Description
1	103-4855-03	1	Guard-Muffler
2	923786	4	Rivet
3	1-643189	2	Keeper-Latch, Rubber
4	3256-23	13	Washer-Flat
5	322-5	14	Screw-HH
6	108-4135	1	Rear Bumper ASM
6:2	110-5609	1	Decal-Deck Drive Belt Routing
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	13	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	4	Nut-HHF, Whiz
19	107069	2	Clip
20	107-9852	1	Shield Lower ASM
20:2	98-1977	1	Decal-Warning
21	109-2365	2	Bumper-Rubber W/Stud
23	100-3815	2	Grommet-Rubber
24	107-7708	1	Engine Access Panel ASM

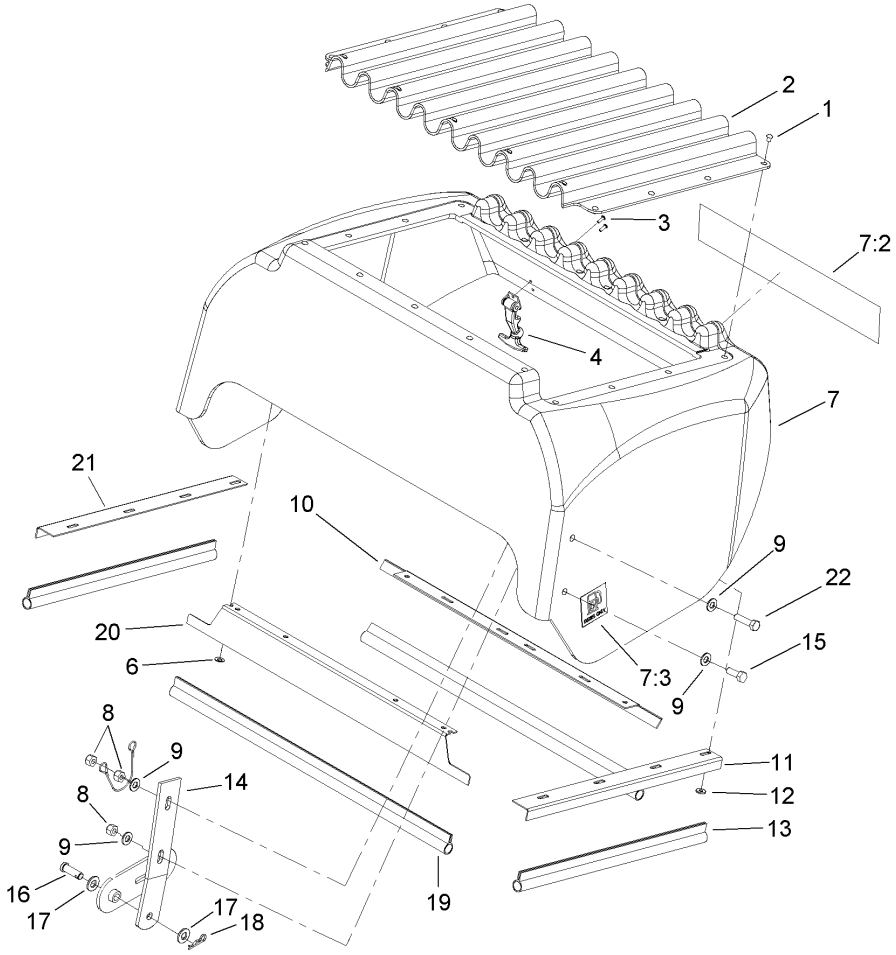
Ref	Part No.	Qty.	Description
24:2	107-7705	1	Decal-Belt Routing, Pump
24:3	107-3978	1	Decal-Devices, Rotating
24:4	107-7706	1	Decal-Buzzer, Warning
25	103-4982-03	1	Bracket-Buzzer
26	32128-33	2	Nut-HF
27	321-4	4	Screw-HH
28	3256-22	4	Washer-Flat
29	103-5178	1	Filter-Air
30	103-1058	1	Bracket-Filter, 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, RH Rear
43	3234-47	4	Screw-HHF



Cooling System Assembly

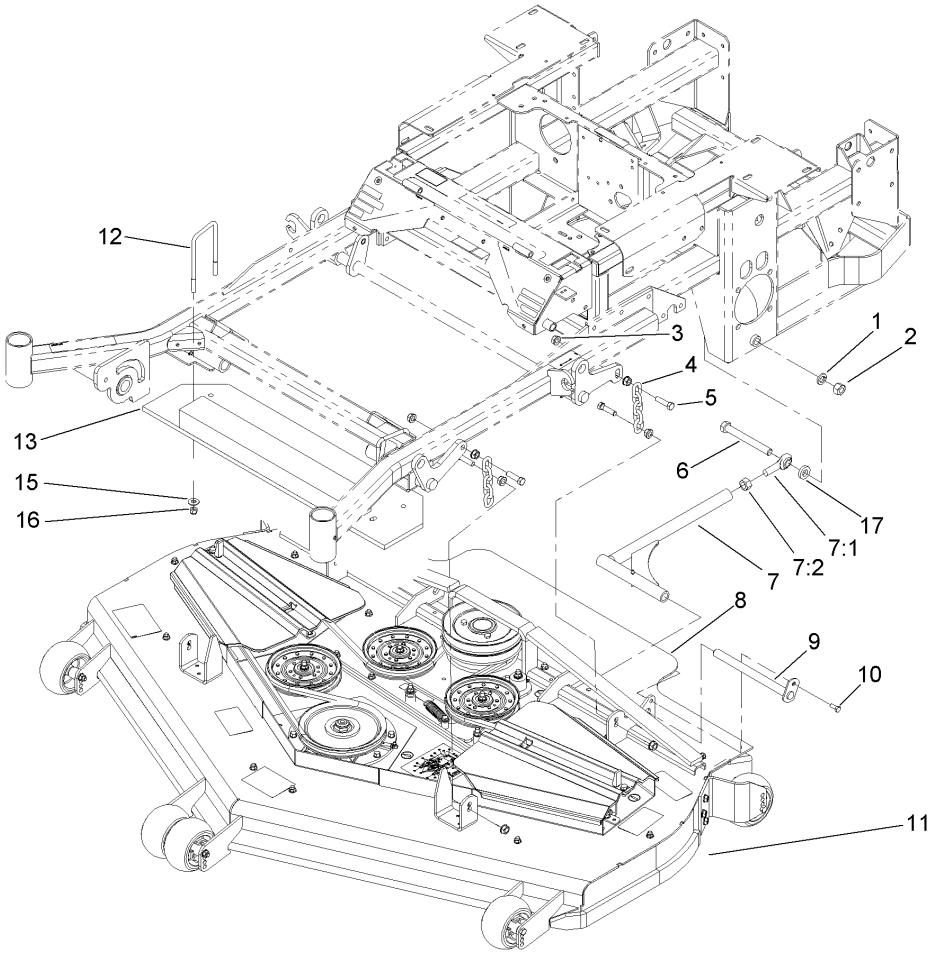
Ref	Part No.	Qty.	Description
1	322-1	6	Screw-HH
2	3256-23	22	Washer-Flat
3	107-7694	1	Plate-Trim, Radiator
3:2	93-8069	2	Decal-Surface, Hot
3:3	104-2449	1	Decal-Coolant
4	1-643161	1	Cap-Radiator
5	3296-2	1	Nut-Lock
6	1-803075	1	Screw-Head, Truss
7	103-1352	1	Shield-Fill Neck, Radiator
8	107-9889	1	Radiator
9	103-0898	1	Shroud-Cooling, Engine
10	322-3	16	Screw-HH
11	107-7718	1	Fan Mounting Plate ASM
11:2	107-7719	2	Decal-Danger, Rotating Devices
12	32128-20	10	Nut-HF
13	103-0892	1	Fan
14	3296-42	1	Nut-Lock, NI
15	109-2670	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	109-2669	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



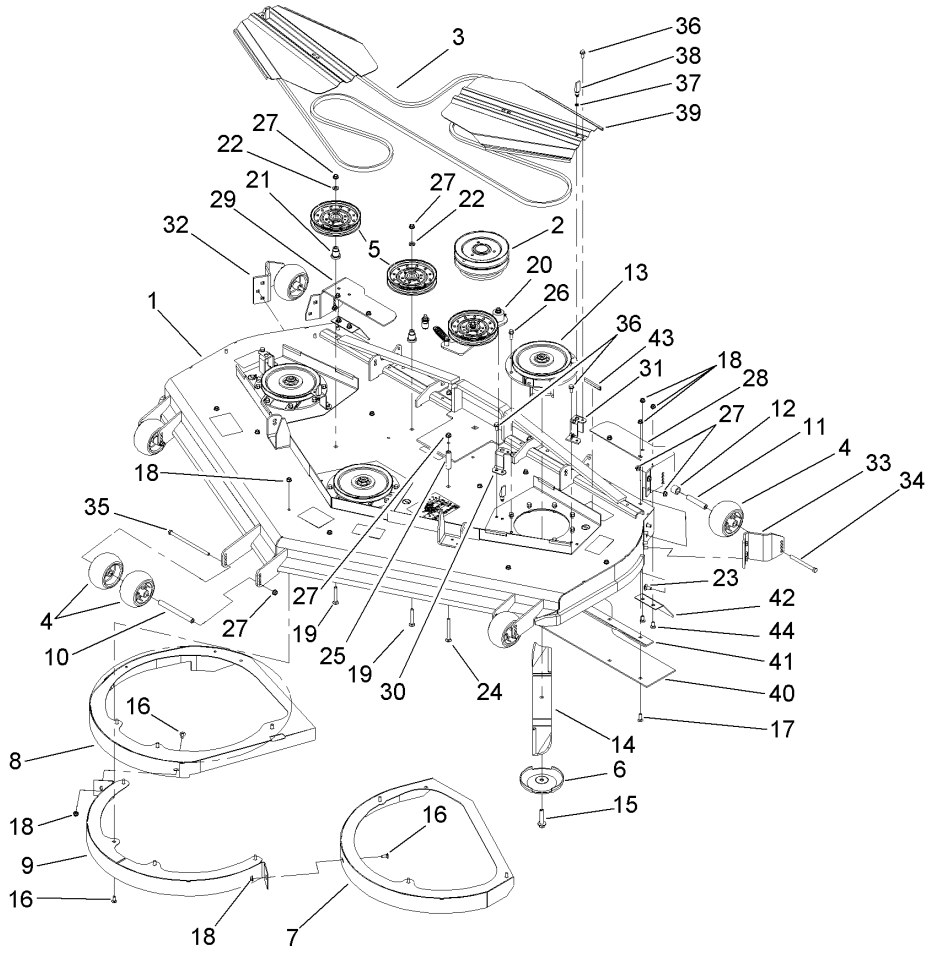
Hood Assembly

Ref	Part No.	Qty.	Description
1	1-803072	17	Rivet
2	1-633864-03	1	Screen-Radiator
3	923786	4	Rivet
4	1-643188	2	Latch-Rubber
6	1-303435	5	Washer-Spring
7	107-7679	1	Hood ASM
7:2	107-7674	1	Decal
7:3	103-1636	2	Decal-Fuel
8	3296-29	6	Nut-Lock, NI
9	3256-23	8	Washer-Flat
10	1-643108-03	1	Angle-Radiator, Bottom
11	1-643105-03	1	Angle-Radiator, LH
12	3256-14	12	Washer-Flat
13	1-643186	2	Seal-Trim
14	1-633885-03	2	Plate-Hinge, Hood
15	322-4	2	Screw-HH
16	1-808285	2	Pin-Clevis
17	3256-24	4	Washer-Flat
18	1-806003	2	Pin-Hair
19	1-643187	2	Seal-Trim
20	1-643107-03	1	Angle-Radiator, Top
21	1-643106-03	1	Angle-Radiator, RH
22	322-6	2	Screw-HH



Deck Connection Assembly

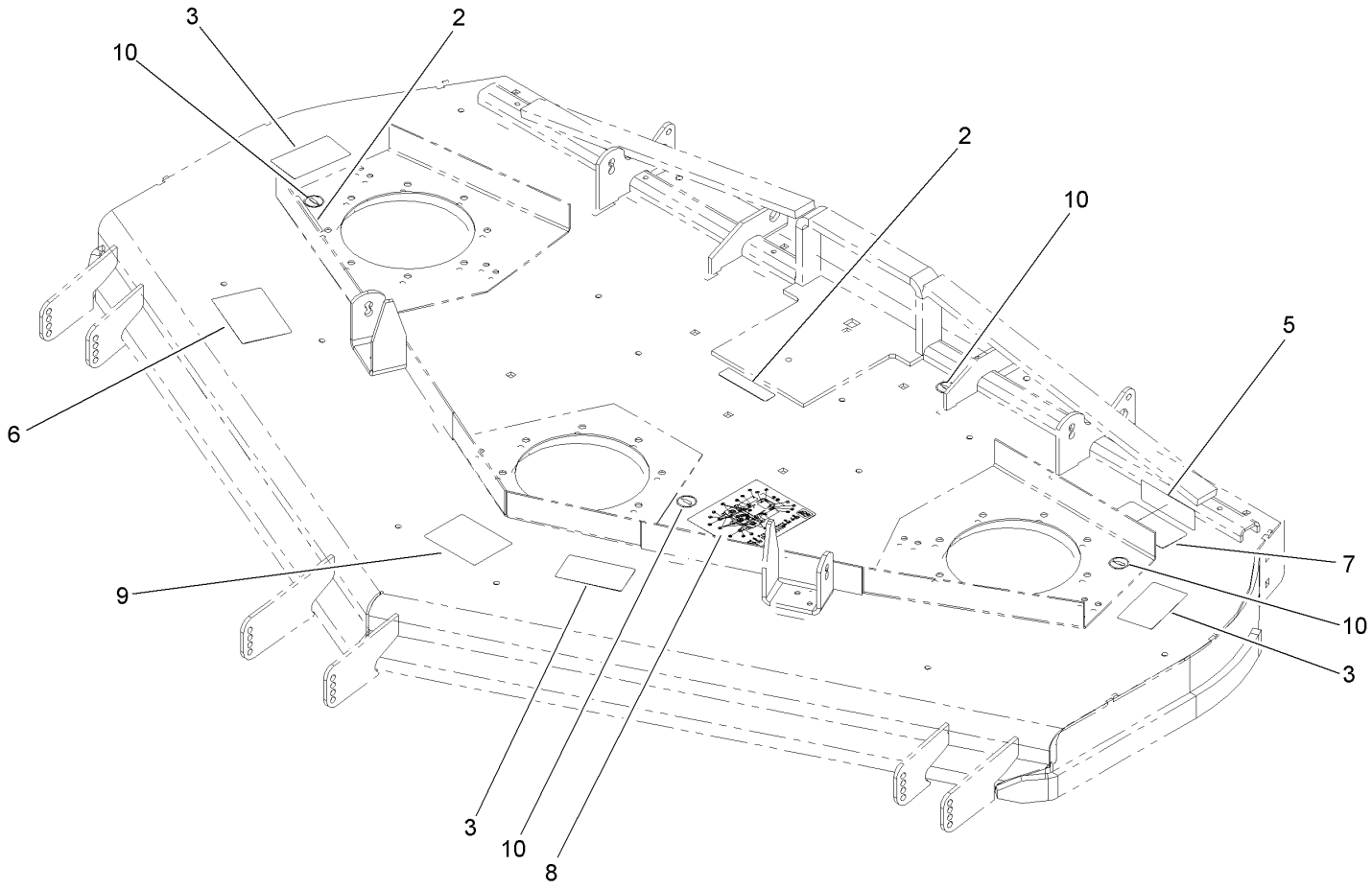
Ref	Part No.	Qty.	Description
1	3253-8	2	Washer-Lock
2	3217-11	2	Nut-Hex
3	32128-37	16	Nut-HF
4	1-633447	4	Chain-Lift, Deck
5	103-1898	8	Screw-HH
6	327-28	2	Screw-HH
7	103-1356	2	Strut ASM
7:1	1-633029	1	Balljoint-Spherical
7:2	3219-6	1	Nut-Hex
8	3296-29	2	Nut-Lock, NI
9	1-632199-01	2	Pin-Strut
10	322-3	2	Screw-HH
❷11		1	72 Rdd Deck ASM
12	110-0817	2	U-Bolt
13	107-9874-01	1	Weight ASM
15	3256-4	4	Washer-Flat
16	3296-39	4	Nut-Lock, NI
17	1-323539	2	Spacer-Drive, Blade



Deck Assembly

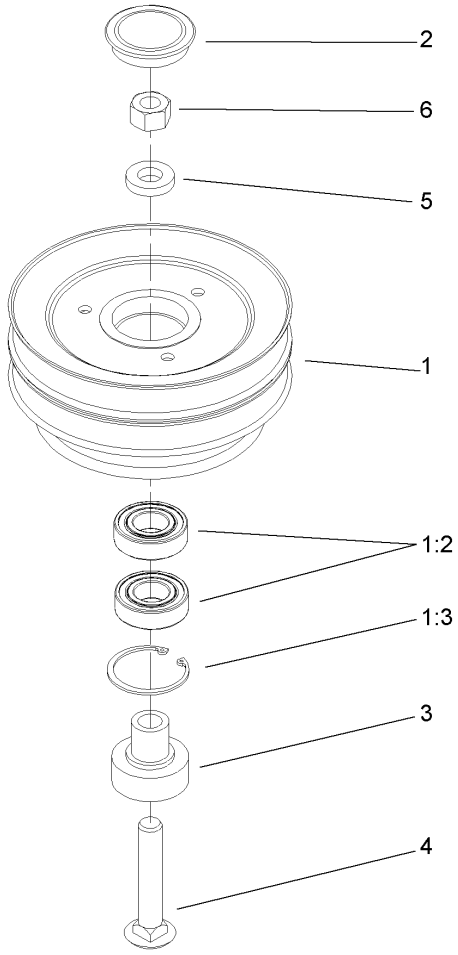
Ref	Part No.	Qty.	Description
1	110-5601	1	Deck Decal ASM
2	110-9927	1	Pulley ASM
3	108-5951	1	Belt-V
4	1-603299	6	Roller-Scalp, Anti
5	1-633109	2	Idler-Flat
6	72-9361	3	Cup-Scalp, Anti
7	110-0609-01	1	LH Chamber ASM
8	110-9909-01	1	RH Chamber ASM
9	110-0612-01	1	Center Chamber ASM
10	98-5967	1	Spacer-Wheel
11	98-7912	4	Tube-Spanner
12	98-7913	4	Tube-Spacer
13	104-3532	3	Low Driven Spindle ASM
14	108-1958-03	3	Blade-Rotary
15	92-5816	3	Bolt-Blade
16	3230-23	17	Screw-CARR
17	3230-3	6	Screw-CARR
18	32128-20	23	Nut-HF
19	3231-31	2	Screw-CARR
20	110-5590	1	Idler ASM
21	106-3214	2	Mount-Pulley
22	3256-24	2	Washer-Flat
23	3231-1	10	Screw-CARR
24	3231-11	1	Screw-CARR

Ref	Part No.	Qty.	Description
25	1-403188	1	Spacer
26	92-1624	24	Screw
27	3290-357	18	Nut-HHF, Whiz
28	108-4145-01	1	Shield-Foot, LH
29	108-4146-01	1	Shield-Foot, RH
30	105-8787-01	2	Bracket-Cover
31	108-4121-01	2	Bracket-Cover
32	108-4144-01	1	Mount-Anti Scalp, RH
33	108-4143-01	1	Mount-Anti Scalp, LH
34	323-23	4	Screw-HH
35	323-28	1	Screw-HH
36	32144-70	6	Screw-HWHTF
37	99-3058	4	Washer
38	74-5950	4	Latch-Swell
39	106-3275-03	2	Cover-Belt
40	108-4149	1	Deflector-Rubber
41	108-4148-01	1	Skid Skirt
42	110-5607-01	2	Shield-Rear
43	105-7699	8	Strip-Seal
44	3230-23	4	Screw-CARR



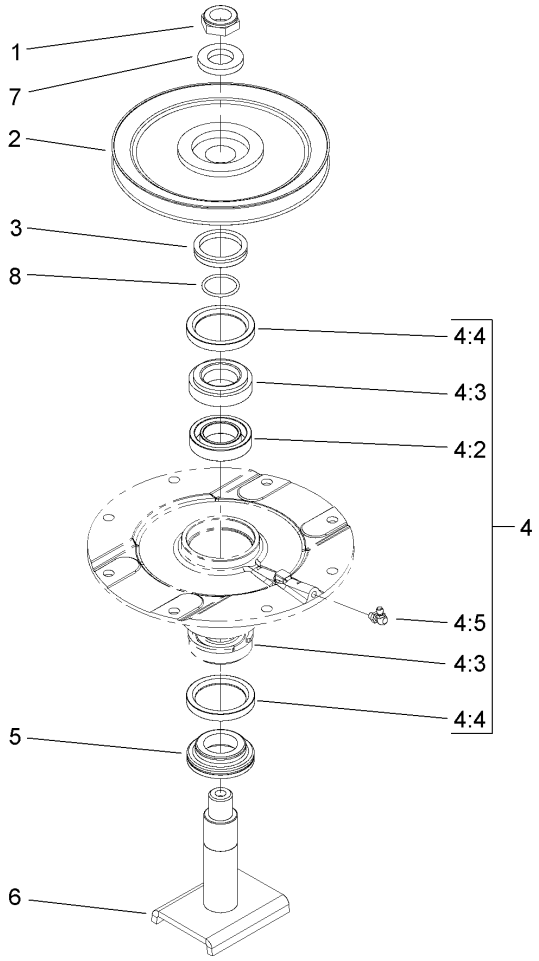
Deck Decal Assembly No. 110-5601

Ref	Part No.	Qty.	Description
2	98-1977	3	Decal-Warning
3	93-7010	3	Decal-Danger
5	108-5278	1	Decal
6	57-0280	1	Decal
7	93-7818	1	Decal-Torque, Blade Bolt
8	110-5593	1	Decal-Service Aid, Belt Routing Ce
9	99-8939	1	Decal-Anti Scalp
10	58-6520	4	Decal-Grease



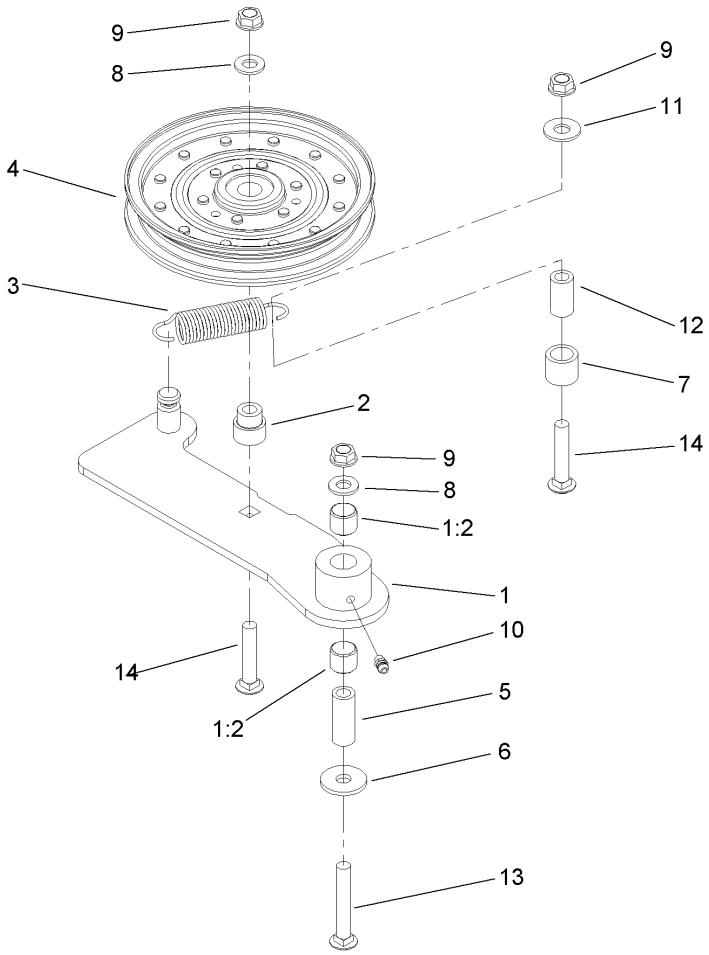
Pully Assembly No. 110-9927

Ref	Part No.	Qty.	Description
1	110-5608	1	Pulley And Bearing ASM
1:2	104-6325	2	Bearing
1:3	32120-8	1	Ring-Snap
2	103-4882	1	Cap-Grease
3	110-1587	1	Spacer-Flanged
4	3233-33	1	Bolt-Carriage
5	105-0842	1	Spacer
6	3217-11	1	Nut-Hex



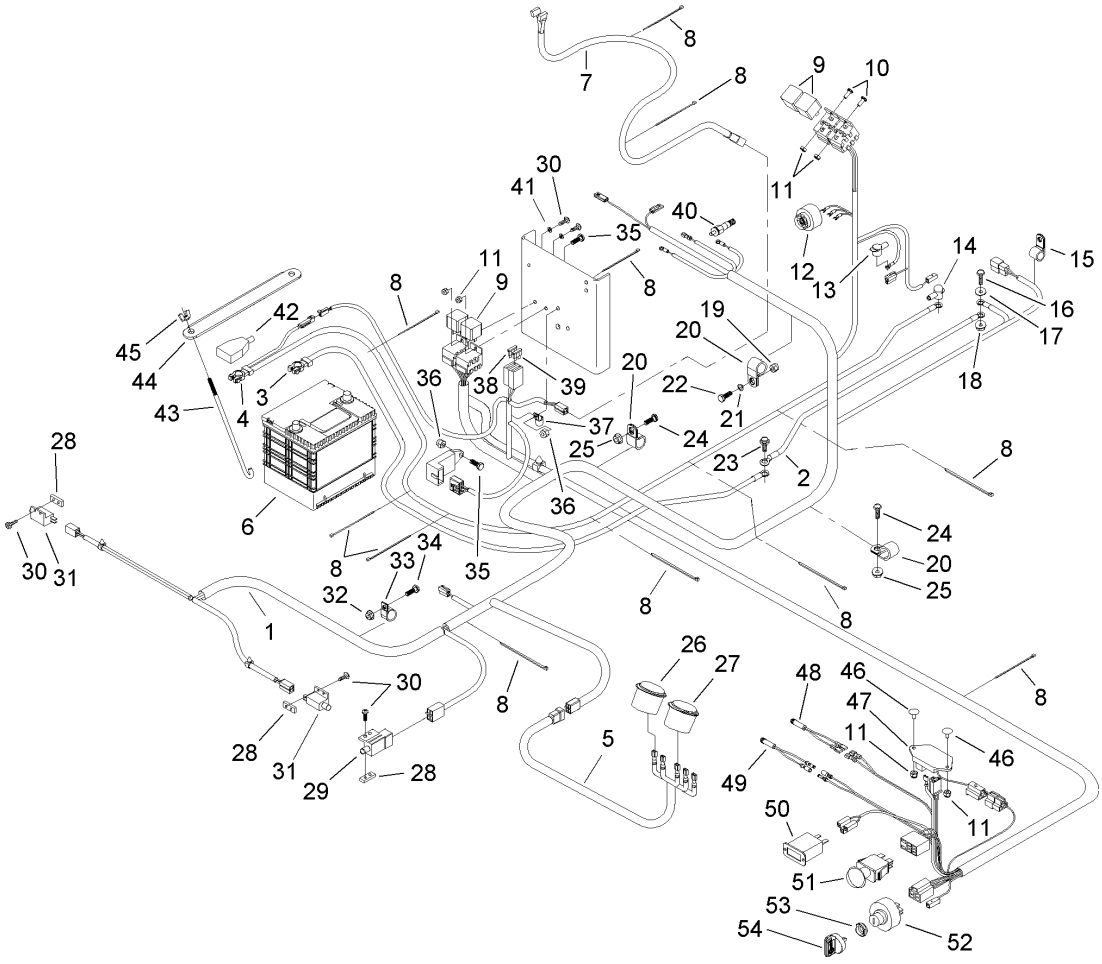
Low Driven Spindle Assembly No. 104-3532

Ref	Part No.	Qty.	Description
1	3296-60	1	Nut-Lock, NI
2	104-3546	1	Pulley-Driven, Low
3	104-3564	1	Seal-V Ring
4	104-3552	1	Spindle Housing ASM
4:2	104-3549	1	Bearing Spacer Set
4:3	26-1830	1	Bearing ASM
4:4	253-154	2	Seal-Oil
4:5	302-60	1	Fitting-Grease, 90 DEG
5	69-6950	1	Spacer-Shaft, Spindle
6	104-3554	1	Spindle Shaft ASM
7	104-8322	1	Washer-Hardened
8	106-7159	1	O-Ring



Idler Assembly No. 110-5590

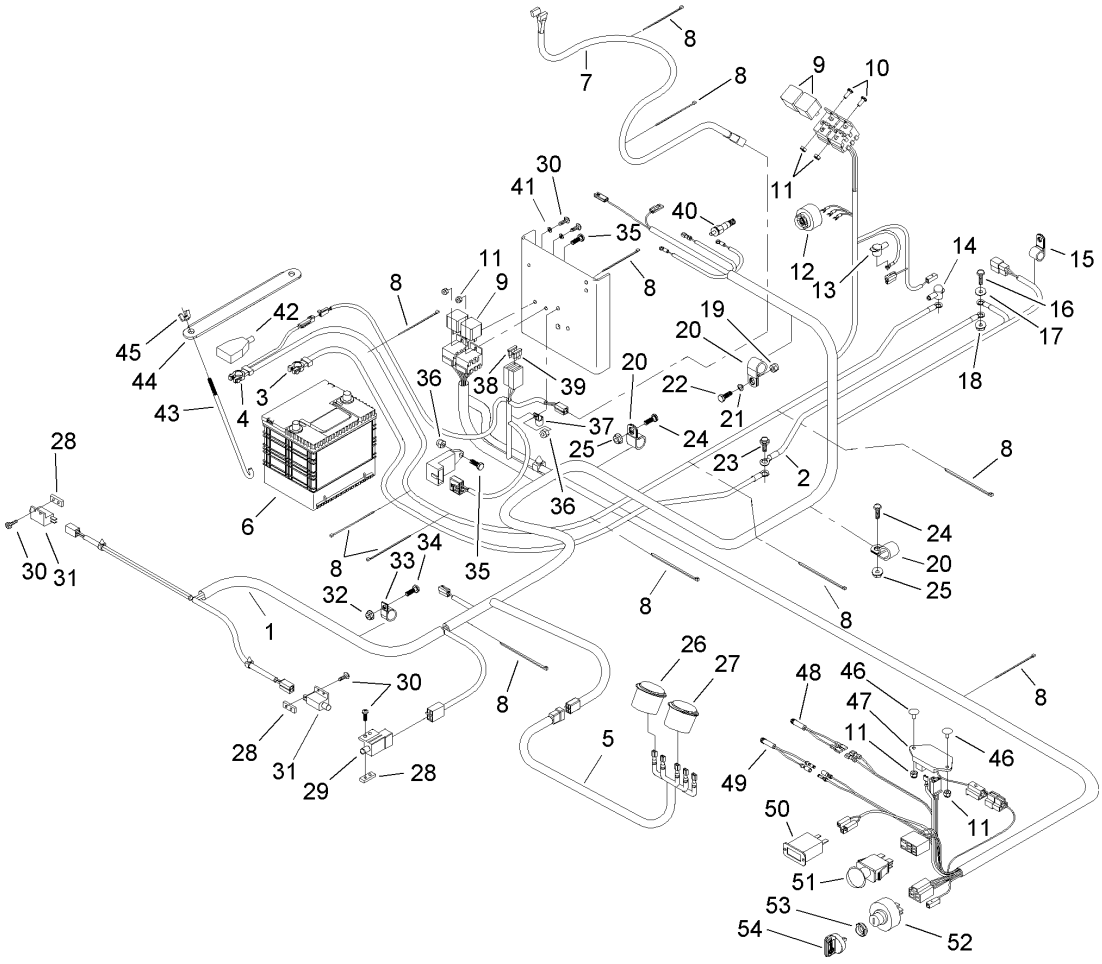
Ref	Part No.	Qty.	Description
1	108-4062	1	Idler Arm ASM
1:2	103-4681	2	Sleeve-Bearing
2	1-603496	1	Bushing-Idler
3	108-4056	1	Spring-Extension
4	1-633109	1	Idler-Flat
5	1-603044	1	Bushing
6	2844	1	Washer
7	108-4063	1	Spacer-Rubber
8	3256-24	2	Washer-Flat
9	3290-357	3	Nut-HHF, Whiz
10	302-5	1	Fitting-Grease
11	3256-4	1	Washer-Flat
12	1-603401	1	Spacer-Fender
13	3231-31	1	Screw-CARR
14	3231-6	2	Screw-CARR



Electrical Component Assembly

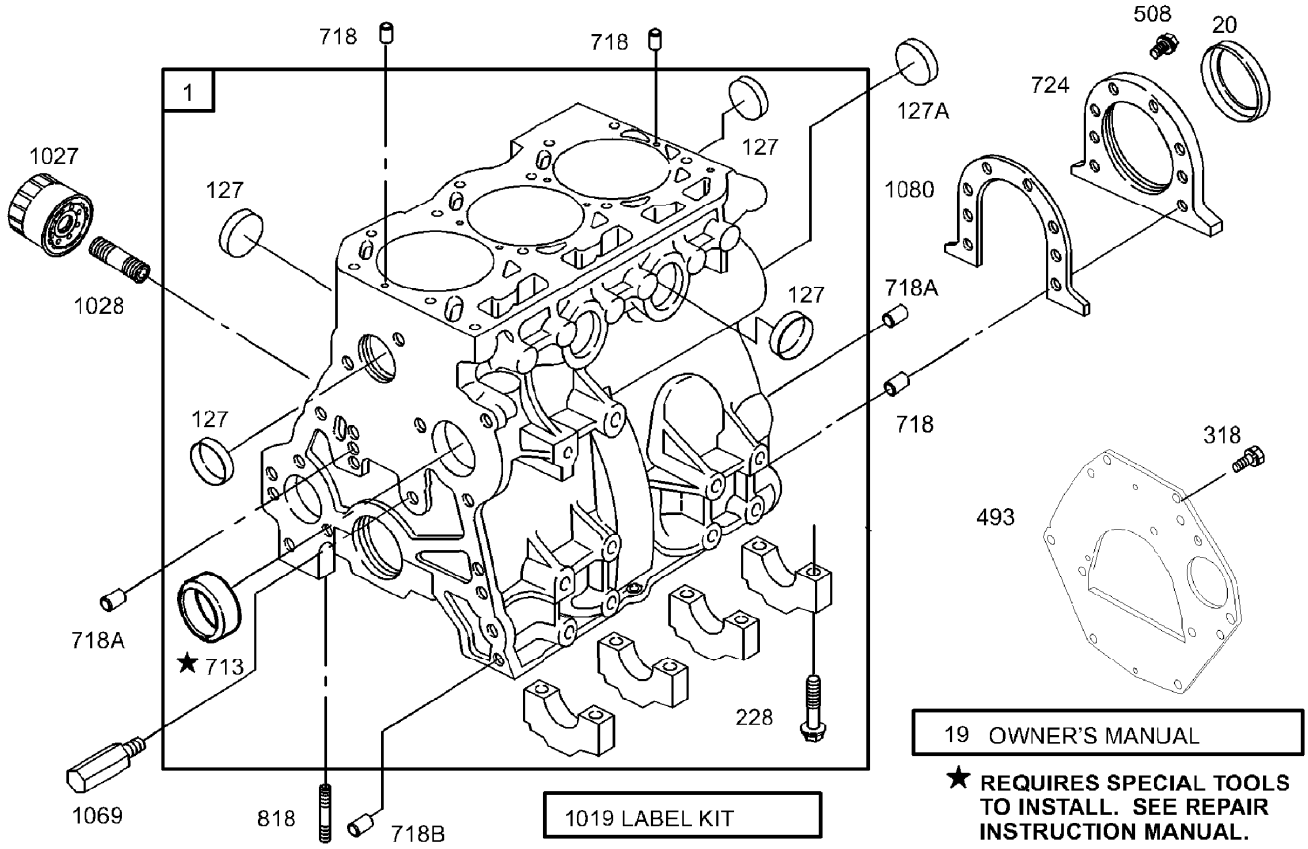
Ref	Part No.	Qty.	Description
1	103-4340	1	Harness-Wire
2	103-1349	1	Cable-Ground, Engine
3	103-1159	1	Cable-Ground, Battery
4	103-1160	1	Cable-Starter
5	103-4339	1	Harness-Gauge
6	106-5187	1	Battery
7	103-1227	1	Harness-Wiring, Seat
8	1-303335	11	Tie-Plastic
9	1-643275	4	Relay
10	1-803071	2	Screw
11	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, Whiz
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-HWHTF
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



Electrical Component Assembly (continued)

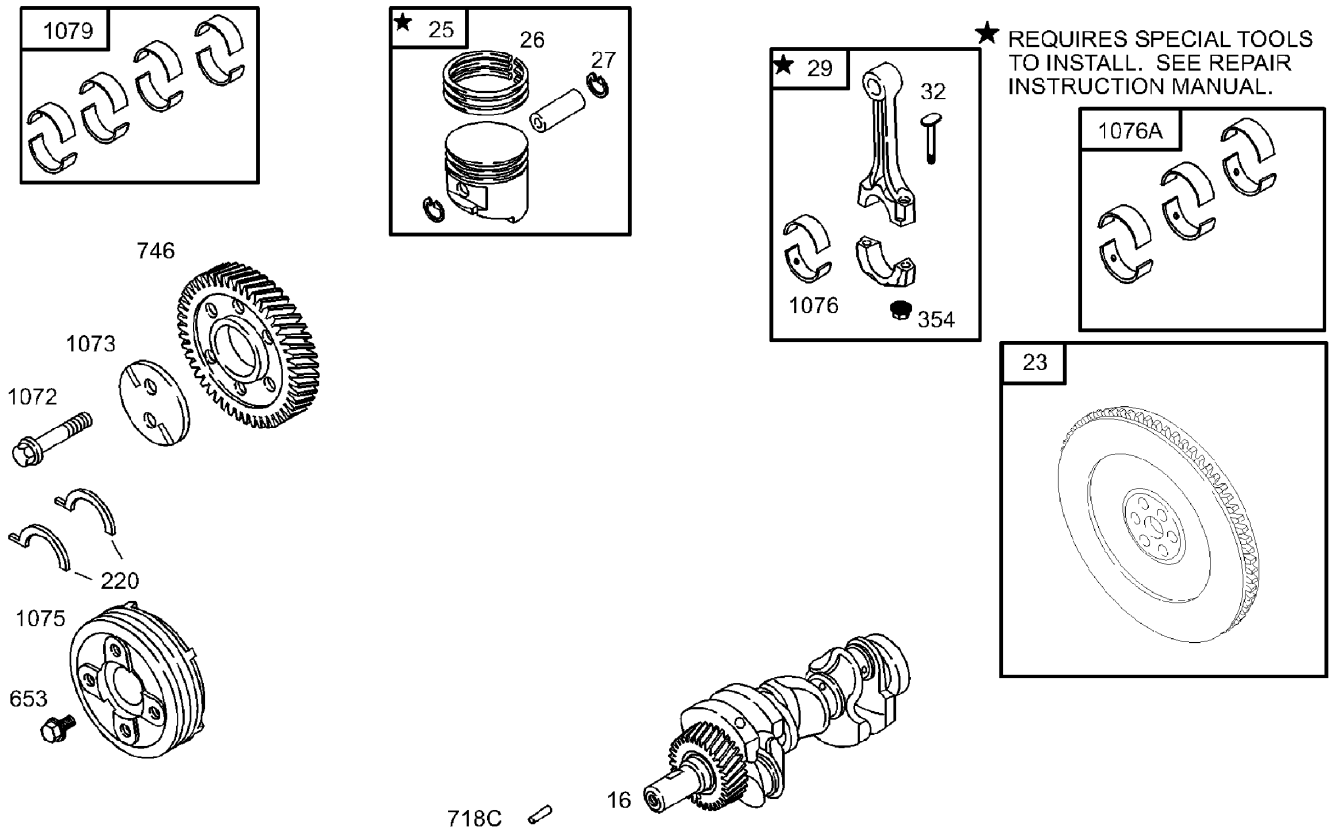
Ref	Part No.	Qty.	Description
49	103-1320	1	Indicator-Led, Amber
50	1-513374	1	Meter-Hour
51	103-5221	1	Switch-PTO
52	103-0206	1	Switch-Starting, Key
53	103-0498	1	Nut-Switch, Ignition
54	63-8360	2	Key-Ignition



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

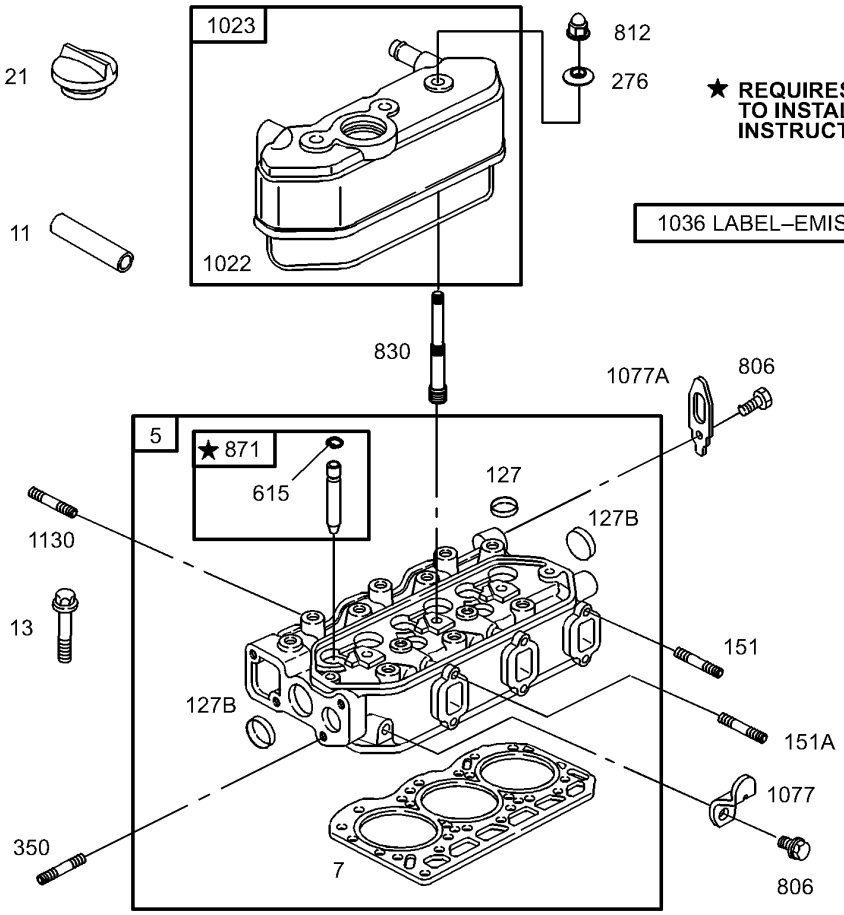


Assemblies include all parts shown in frames.

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)

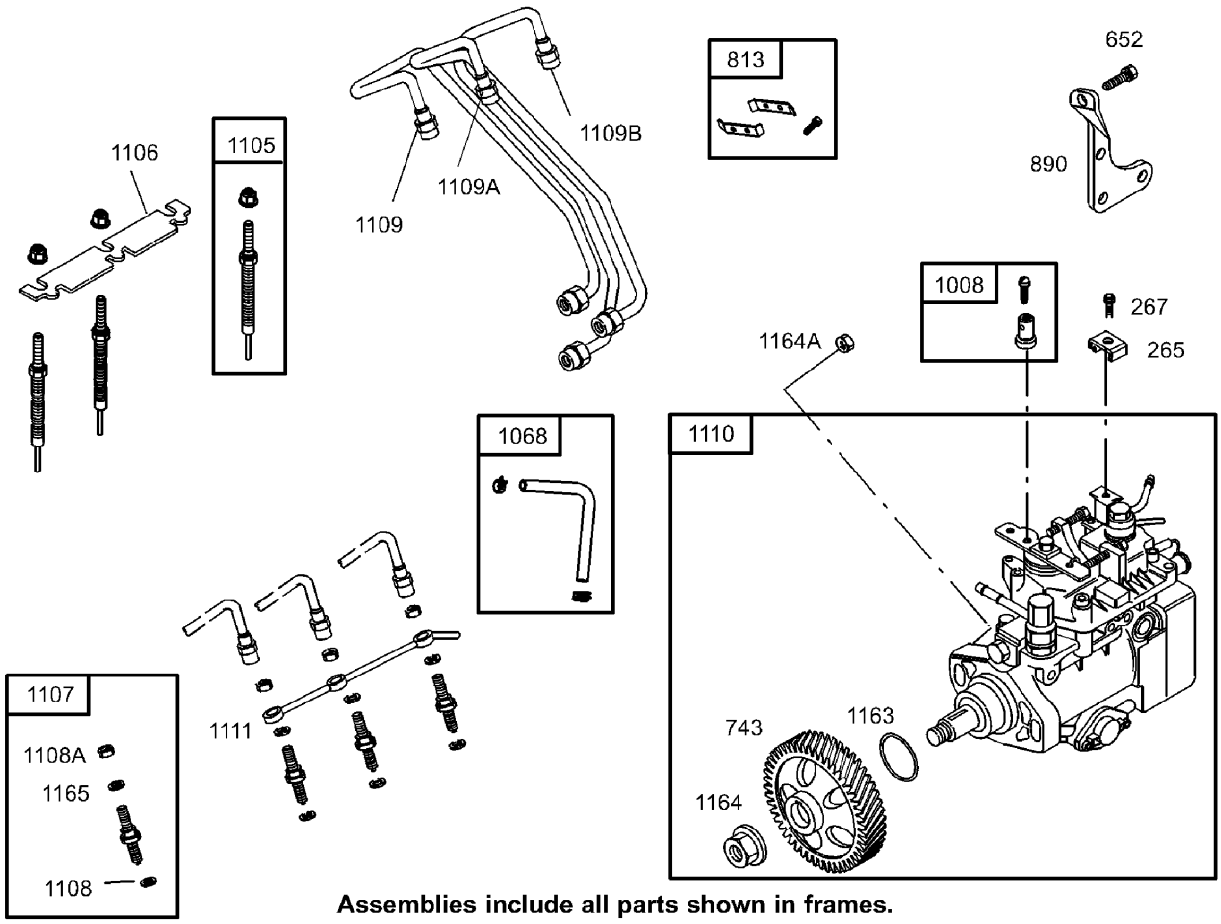


★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Assemblies include all parts shown in frames.

Cylinder Head Assembly

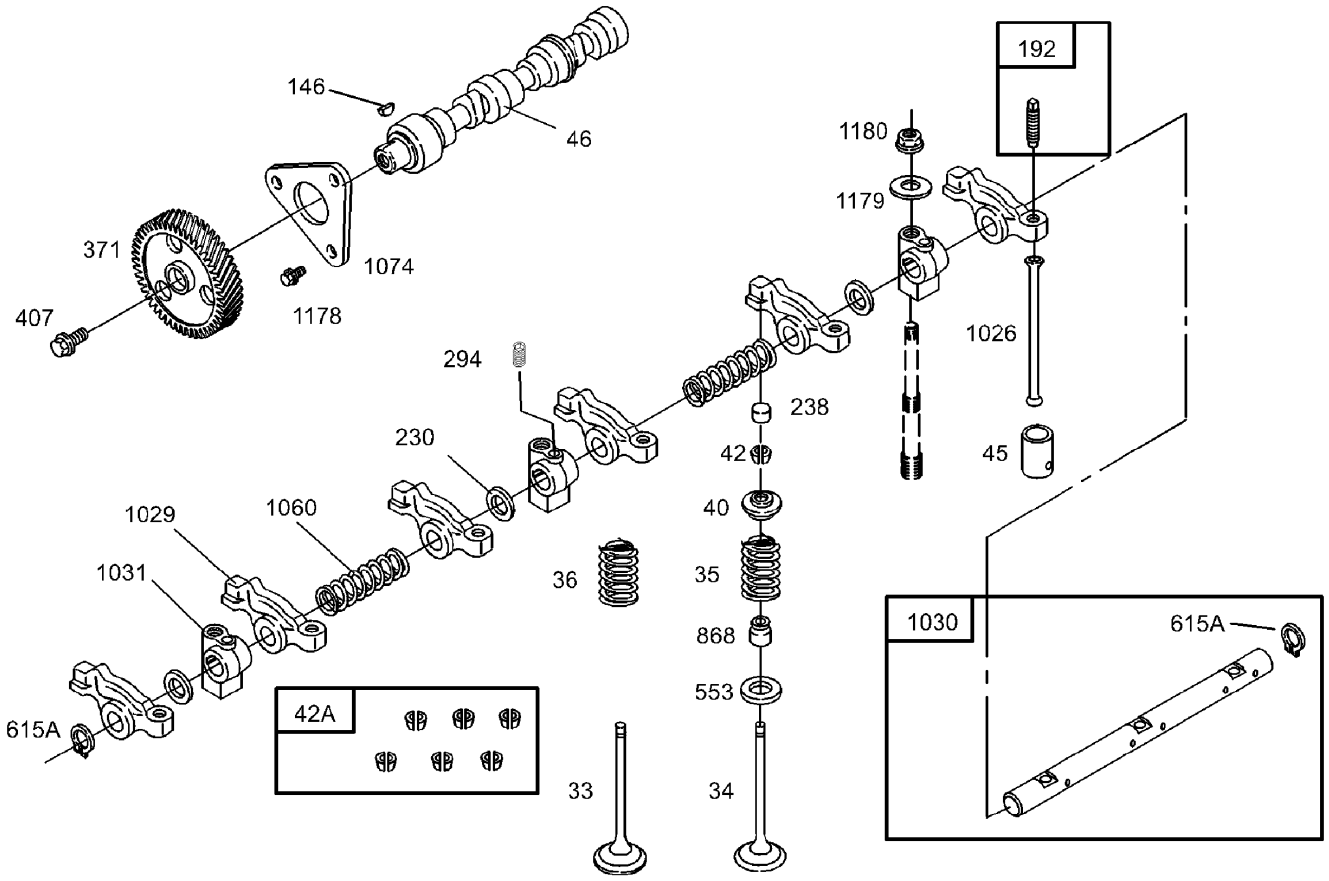
Ref	Part No.	Qty.	Description
5	105-9341	1	Head-Cylinder
7	107-9898	1	Gasket-Head, Cylinder
11	105-9342	1	Tube-Breather
13	99-9614	1	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
127	99-9060	1	Plug-Welch
151	99-9058	1	Stud-Metric
276	99-9063	1	Washer-Seal
350	99-9057	1	Stud-Metric
615	99-9067	1	Retainer
806	99-9054	1	Screw-Hex
812	99-9061	1	Nut-Hex, Metric
830	99-9101	1	Stud-Arm, Rocker
871	99-9070	1	Bushing-Guide
1022	99-9073	1	Gasket-Cover, Rocker
1023	100-6402	1	Cover-Rocker
1036	107-9899	1	Emmision Label Kit
1077	99-9076	1	Bracket-Lifting
1130	99-9055	1	Stud-Metric
127B	99-9008	1	Plug-Welch
151A	99-9059	1	Stud-Metric
1077A	99-9077	1	Bracket-Lifting



Assemblies include all parts shown in frames.

Injectoin 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

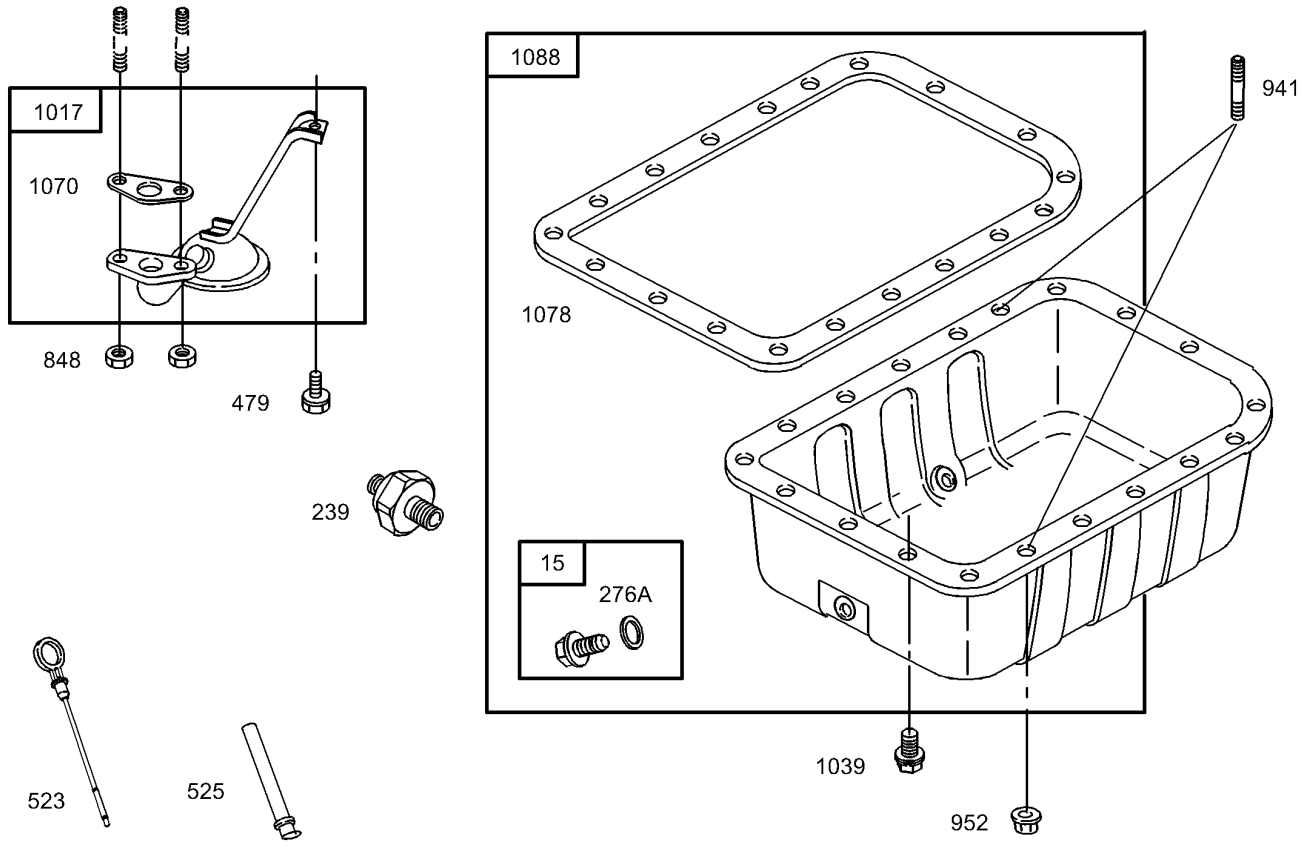


Assemblies include all parts shown in frames.

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

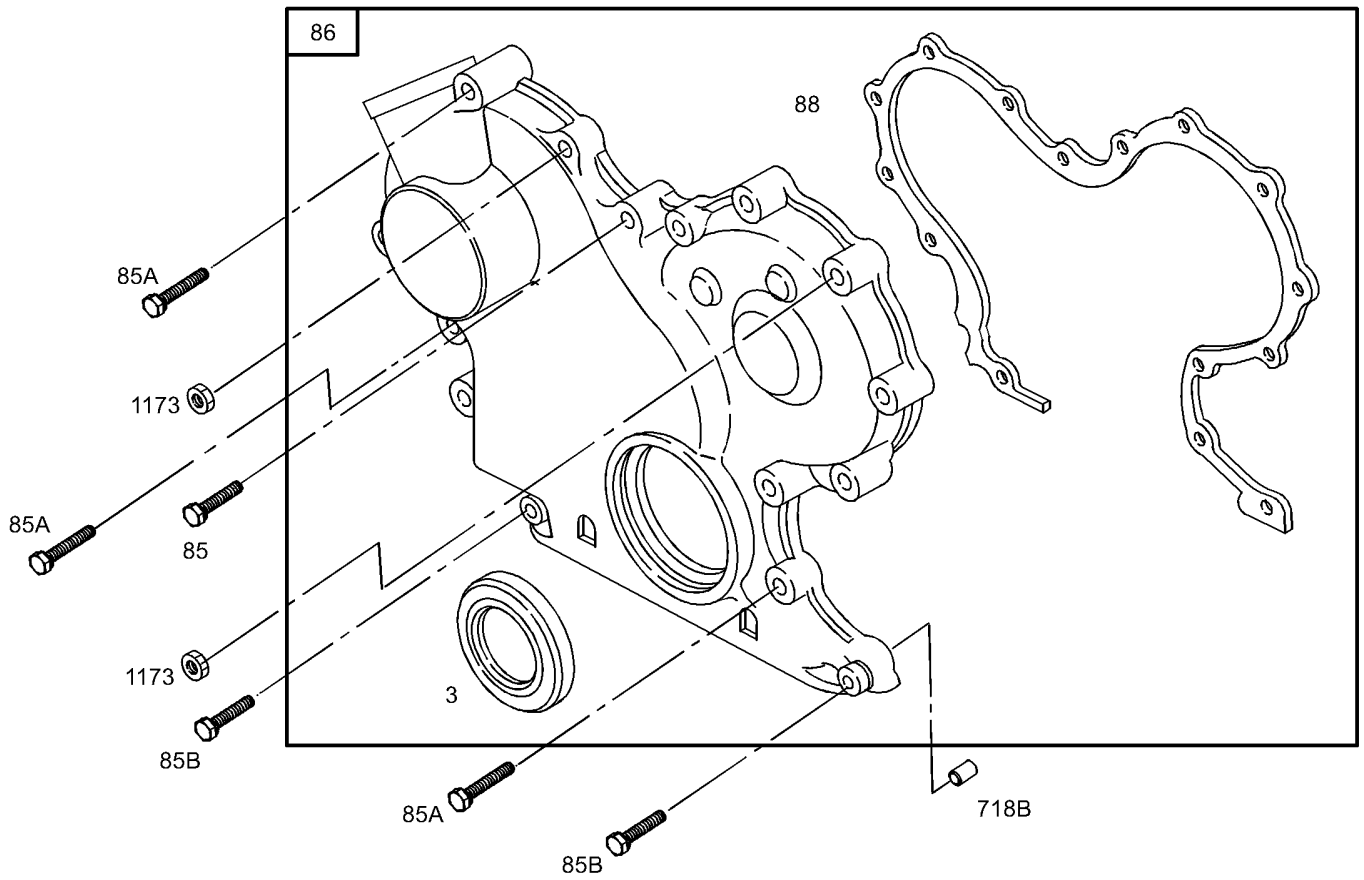
Ref	Part No.	Qty.	Description
1178	99-9083	1	Screw-Hex
1179	99-9079	1	Washer-Flat
1180	99-9091	1	Nut-Hex, Metric
615A	99-9099	1	Retainer



Assemblies include all parts shown in frames.

Oil Pan Assembly

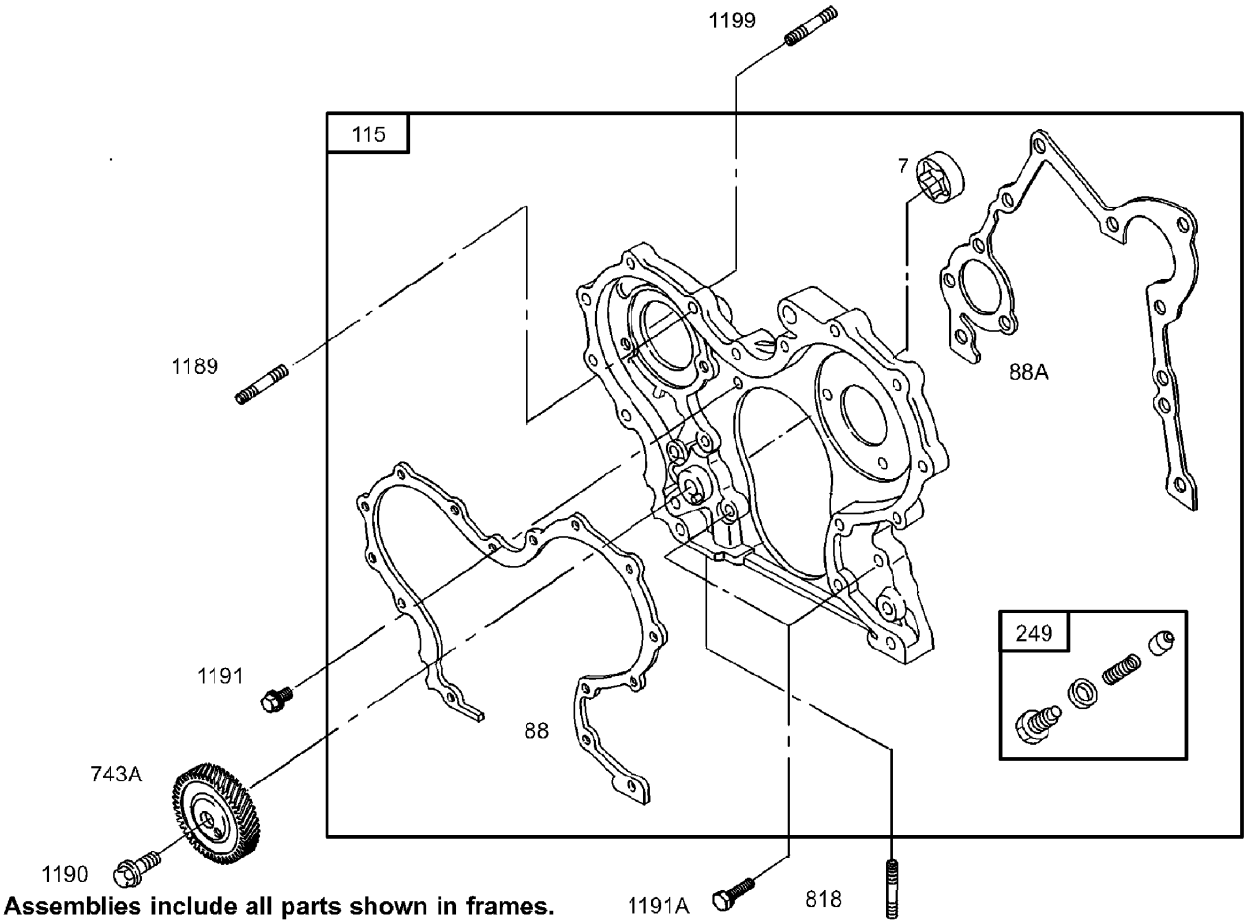
Ref	Part No.	Qty.	Description
15	99-9247	1	Plug-Drain, Oil
239	107-9908	1	Switch-Pressure, Oil
479	99-9111	1	Screw-Hex
523	99-9272	1	Dipstick
525	99-9118	1	Tube-Dipstick
848	99-9114	1	Nut-Hex, Metric
941	99-9112	1	Stud-Metric
952	99-9113	1	Nut-Hex, Metric
1017	99-9116	1	Screen-Pump, Oil
1039	99-9111	1	Screw-Hex
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1088	99-9241	1	Pan-Oil
276A	99-9249	1	Washer-Seal



Assemblies include all parts shown in frames.

Gear Cover Assembly

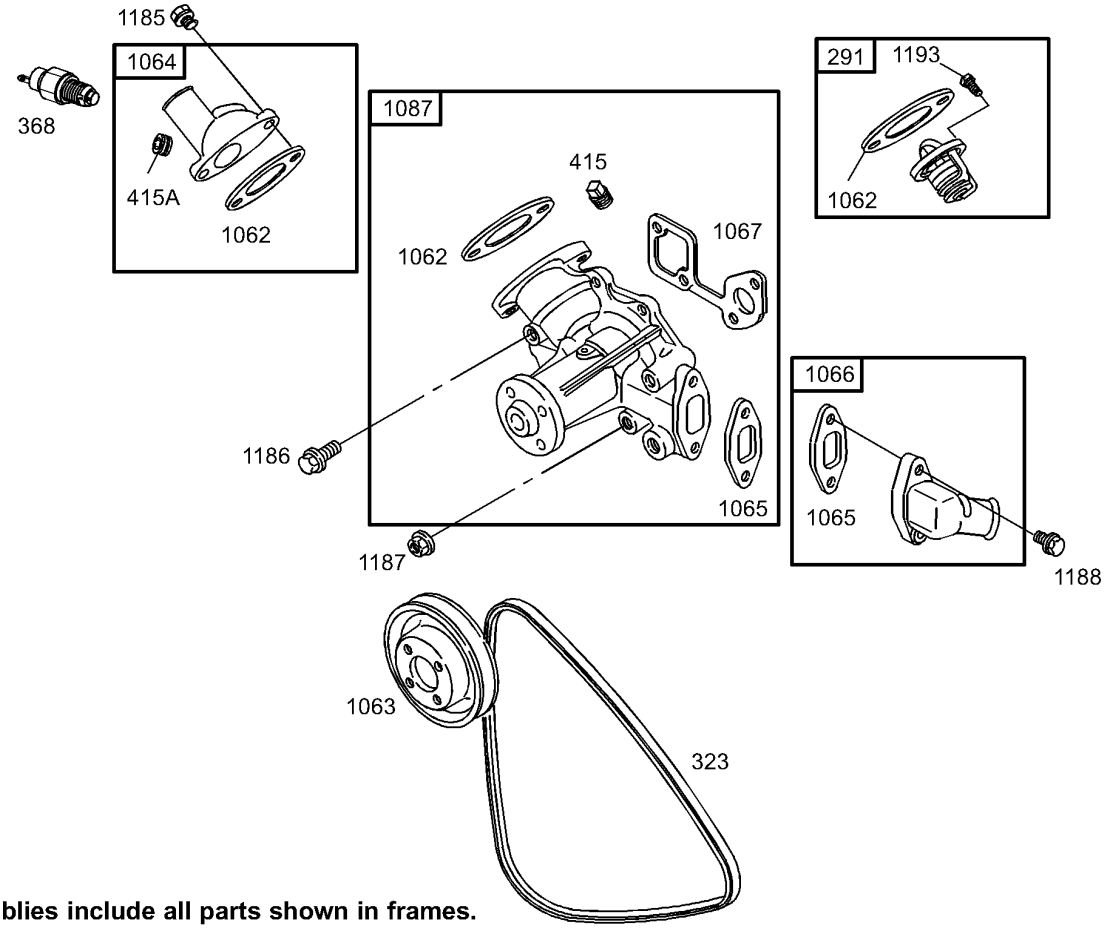
Ref	Part No.	Qty.	Description
3	107-9900	1	Seal-Oil
85	99-9651	1	Screw-Hex
86	99-9652	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover, Gear
85A	99-9128	1	Screw-Hex
85B	99-9129	1	Screw-Hex
1173	99-9114	1	Nut-Hex, Metric
718B	99-9014	1	Pin-Locating



Assemblies include all parts shown in frames.

Gear Housing Assembly

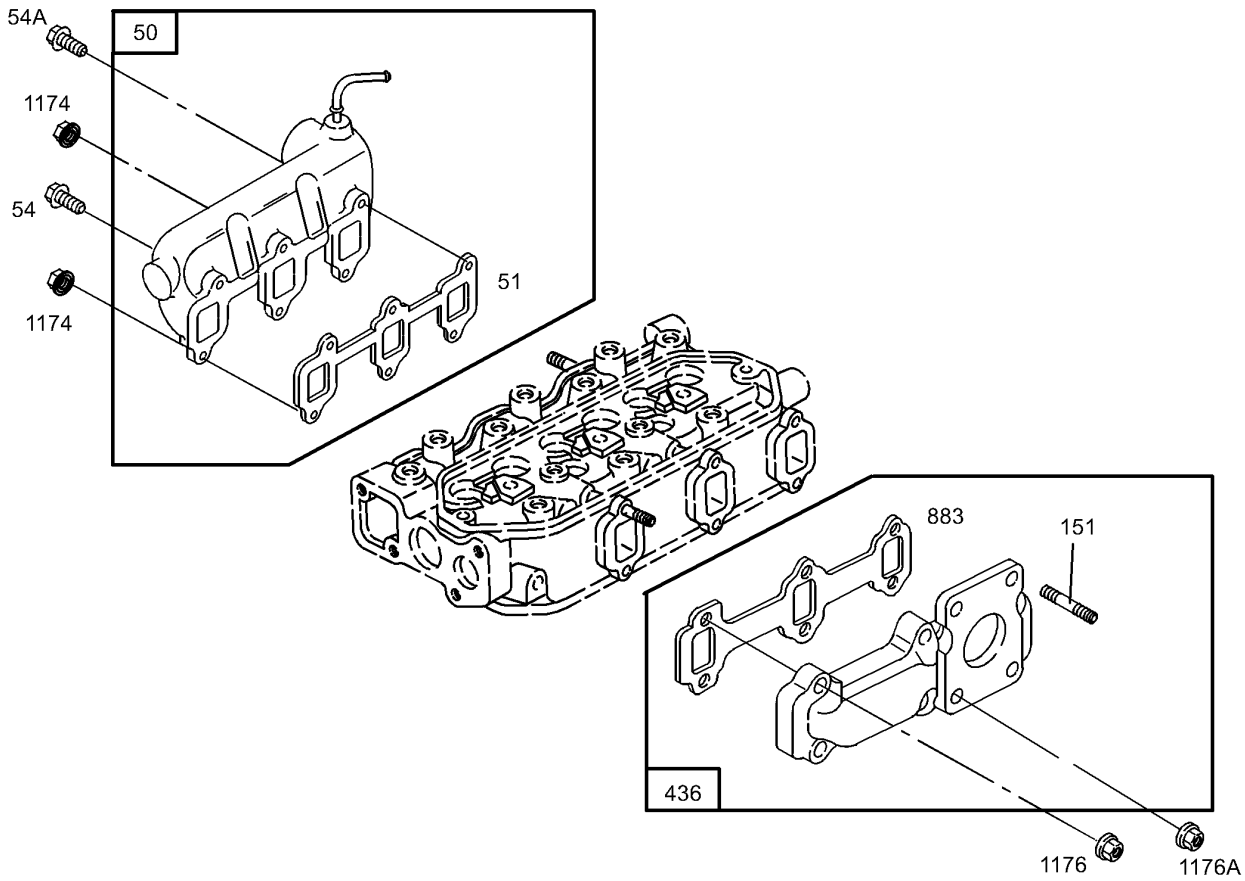
Ref	Part No.	Qty.	Description
❷7		1	Pump-Oil
88	99-9653	1	Gasket-Cover, Gear
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
818	99-9007	1	Stud-Metric
88A	99-9136	1	Gasket-Cover, Gear
1189	99-9137	1	Stud-Metric
1190	99-9135	1	Screw-Hex
1191	99-9134	1	Screw-Hex
1199	99-9654	1	Stud-Metric
743A	99-9656	1	Gear-Drive
1191A	99-9133	1	Screw-Hex



Assemblies include all parts shown in frames.

Water Pump Assembly

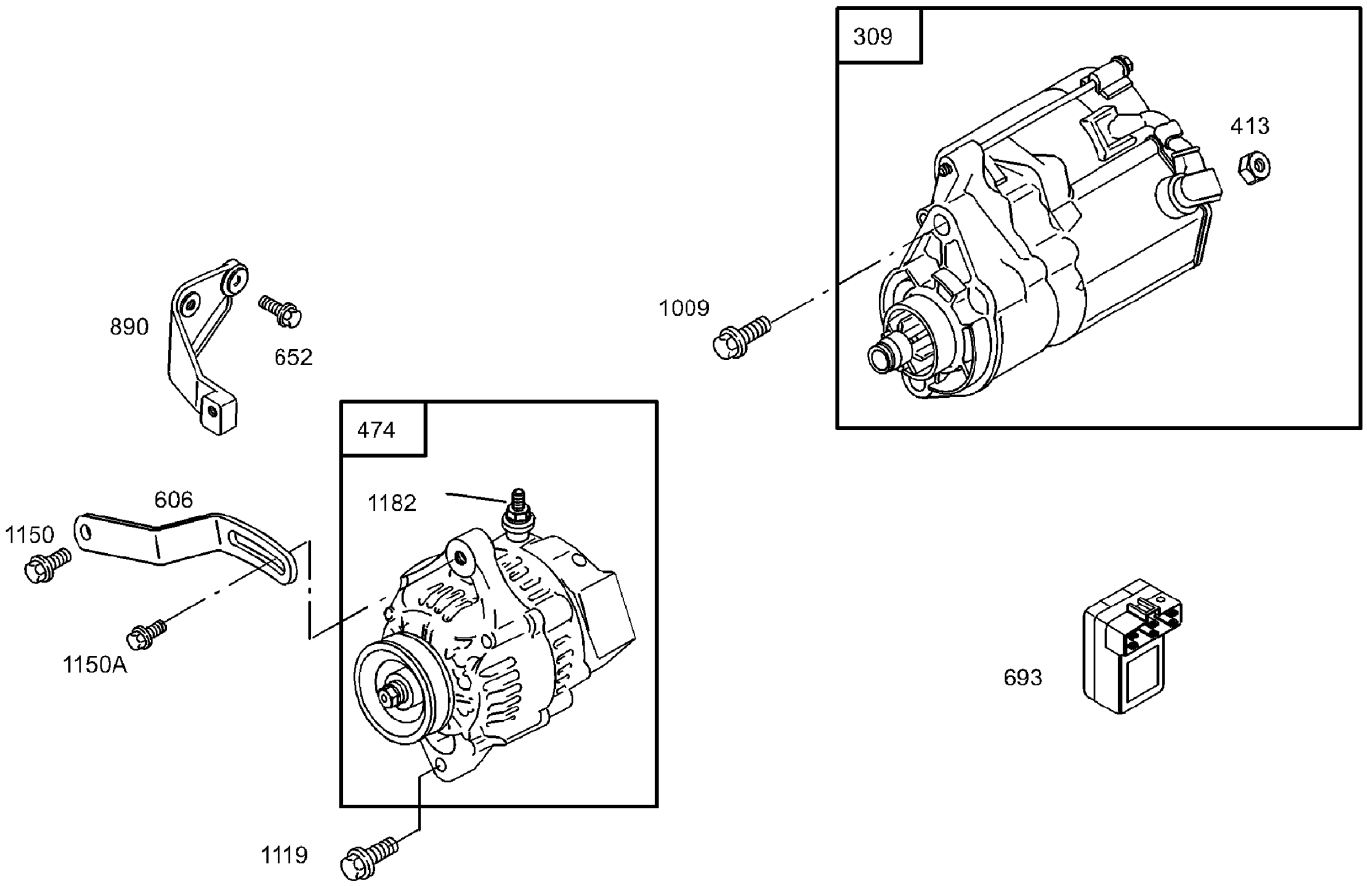
Ref	Part No.	Qty.	Description
291	99-9155	1	Thermostat
323	99-9156	1	Belt-V
368	107-9902	1	Switch-Temperature, Water
415	99-9159	1	Plug
1062	99-9163	1	Gasket-Outlet
1063	99-9164	1	Pulley-Pump
1064	99-9165	1	Housing-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	99-9659	1	Pump-Water
1185	99-9004	1	Screw-Hex
1186	99-9151	1	Screw-Hex
1187	99-9153	1	Nut-Hex, Metric
1188	99-9004	1	Screw-Hex
1193	99-9152	1	Screw-Metric
415A	99-9158	1	Plug



Assemblies include all parts shown in frames.

Manifold Assembly

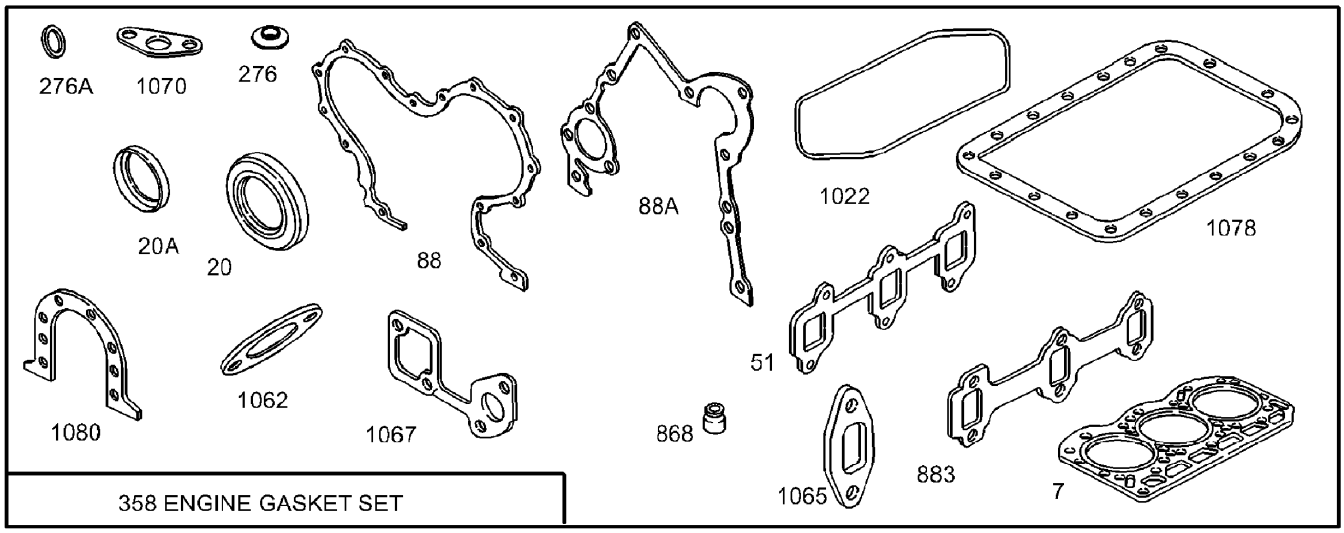
Ref	Part No.	Qty.	Description
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
54	99-9004	1	Screw-Hex
151	99-9221	1	Stud-Standard
436	99-9177	1	Manifold-Exhaust
54A	99-9660	1	Screw-Hex
883	106-1855	1	Gasket-Exhaust
1174	99-9114	1	Nut-Hex, Metric
1176	99-9175	1	Nut-Hex, Metric
1176A	99-9176	1	Nut-Hex

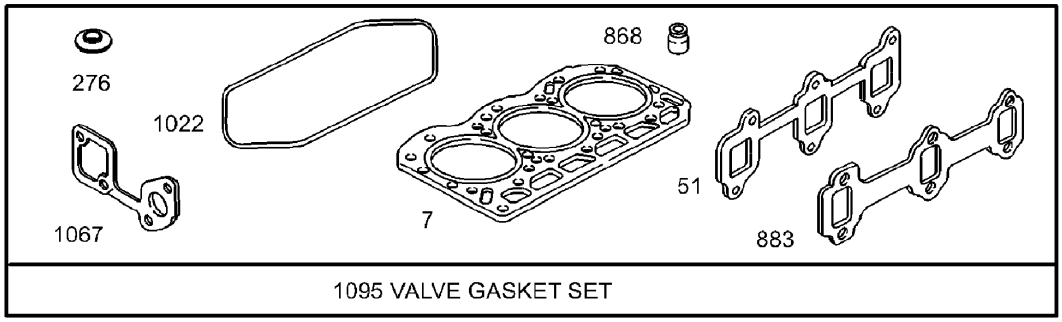


Assemblies include all parts shown in frames.

Starter Motor and Alternator Assembly

Ref	Part No.	Qty.	Description
309	99-9207	1	Motor-Starter
413	99-9206	1	Nut-Hex, Metric
474	99-9209	1	Alternator
606	106-1952	1	Strap-Adjusting
652	99-9203	1	Screw-Hex
693	99-9666	1	Module
890	99-9211	1	Bracket-Support
1009	99-9201	1	Screw-Hex
1119	99-9205	1	Screw-Hex, Metric
1150	99-9202	1	Screw-Hex
1182	99-9114	1	Nut-Hex, Metric
1150A	107-9903	1	Screw-Hex, Metric





Assemblies include all parts shown in frames.

Gasket Assembly

Ref	Part No.	Qty.	Description
7	107-9898	1	Gasket-Head, Cylinder
20	99-9003	1	Seal-Oil
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
20A	107-9900	1	Seal-Oil
276	99-9063	1	Washer-Seal
358	107-9906	1	Gasket Set
868	99-9643	1	Seal-Valve
883	106-1855	1	Gasket-Exhaust
88A	99-9136	1	Gasket-Cover, Gear
1022	99-9073	1	Gasket-Cover, Rocker
1062	99-9163	1	Gasket-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer
1095	107-9907	1	Valve Overhaul Kit
276A	99-9249	1	Washer-Seal

Attachments and Accessories

For 74281TE - Z597-D Z Master, With 72 Rear Discharge Mower

Product Name	Model/Part
Light Kit	107-9880
Sunshade-Bimini	108-2793
Cool Top-Rops Mounted Fan	110-1996
Filter Minder Gauge	99-4664
Hitch Kit	99-8925


TORO®