



Z148 Z Master[®]

With 44in SFS Side Discharge Mower

Model No. 74162 - 240000001 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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister head
HHFTF.	hex head flange thread forming	SHH.	slotted hex head
HJ.	hex jam	SHWH.	slotted hex washer head
HLH.	hex lag head	SPH.	slotted pan head
HOC.	height-of-cut	SQH.	square head
HS.	hex	SRH.	slotted round head
HSBH.	hex socket button head	STD.	standard
HSFH.	hex socket flat head	TAP.	self tapping
HSH.	hex socket head	TTH.	torx truss head
HWH.	hex washer head	WH.	wing head
HWHTF.	hex washer head thread forming		

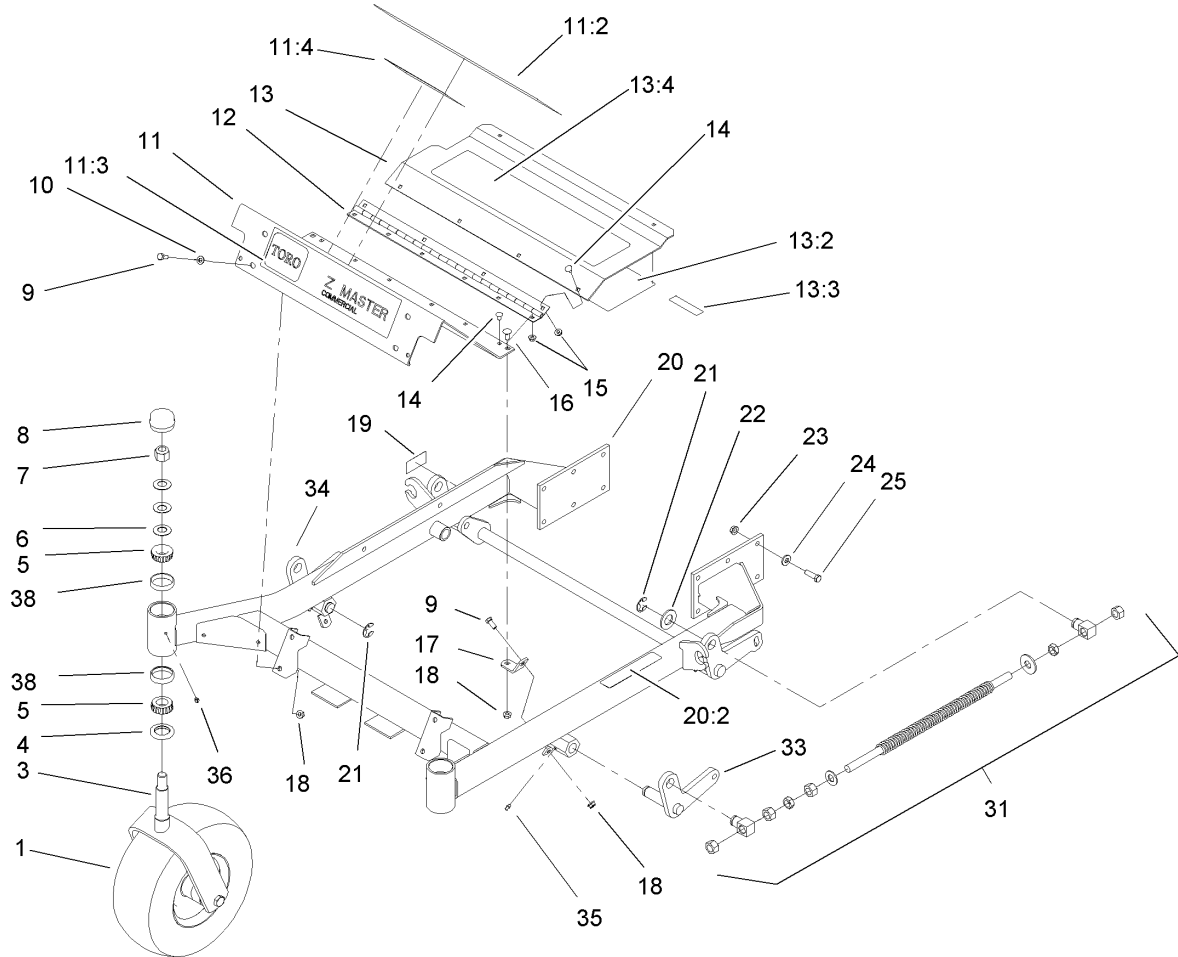
Footnotes

- ❶ Not illustrated
- ❸ Used to attach carburetor ground lead to carburetor baffle.

- ❷ Not serviced separately

Contents

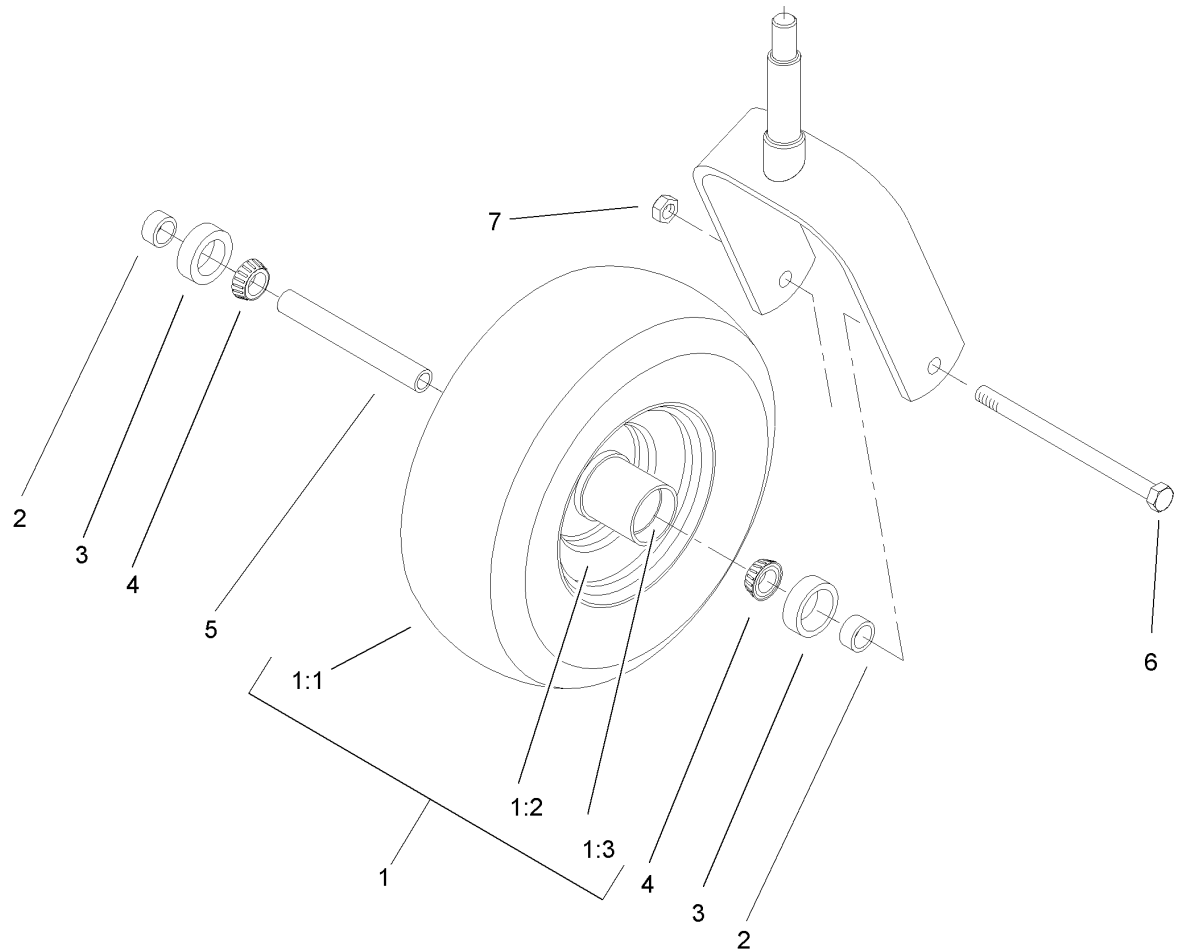
Description	Page	Description	Page
Front Frame Assembly	 3	Oil Pan and Lubrication Assembly Kohler CV493S-27520	 26
Caster Wheel Assembly No. 1-634662	 4	Head/Valve/Breather Assembly Kohler CV493S-27520	 27
Front Spring Assembly No. 103-1987	 5	Ignition/Electrical Assembly Kohler CV493S-27520	 28
Height of Cut Assembly	 6	Blower Housing and Baffle Assembly Kohler CV493S-27520	 29
Main Frame Assembly	 7	Starter System Assembly Kohler CV493S-27520	 30
Fuel System Assembly	 8	Fuel System Assembly Kohler CV493S-27520	 31
Parking Brake System Assembly	 9	Engine Controls Assembly Kohler CV493S-27520	 32
Steering Control Assembly	 10	Air Intake/Filtration Assembly Kohler CV493S-27520	 33
Hydraulic System Assembly	 11	Exhaust Assembly Kohler CV493S-27520	 34
Hydraulic Pump Assembly No. 103-1942	 13		
Pump Idler and Belt Assembly	 14		
Engine, Clutch and Muffler Assembly	 15		
Deck Assembly	 16		
Deck and Deflector Assembly No. 106-5884	 17		
Deck Spindle Assembly	 18		
Idler, Pulley/Lift Strut, Chain Assembly	 19		
Electrical System Assembly	 20		
Seat and Roll-Over-Protection-System Assembly	 21		
Seat Assembly No. 107-2116	 22		
Roll-Over-Protection-System Assembly No. 107-3066	 23		
Crankshaft Assembly Kohler CV493S-27520	 24		
Crankcase Assembly Kohler CV493S-27520	 25		



Front Frame Assembly

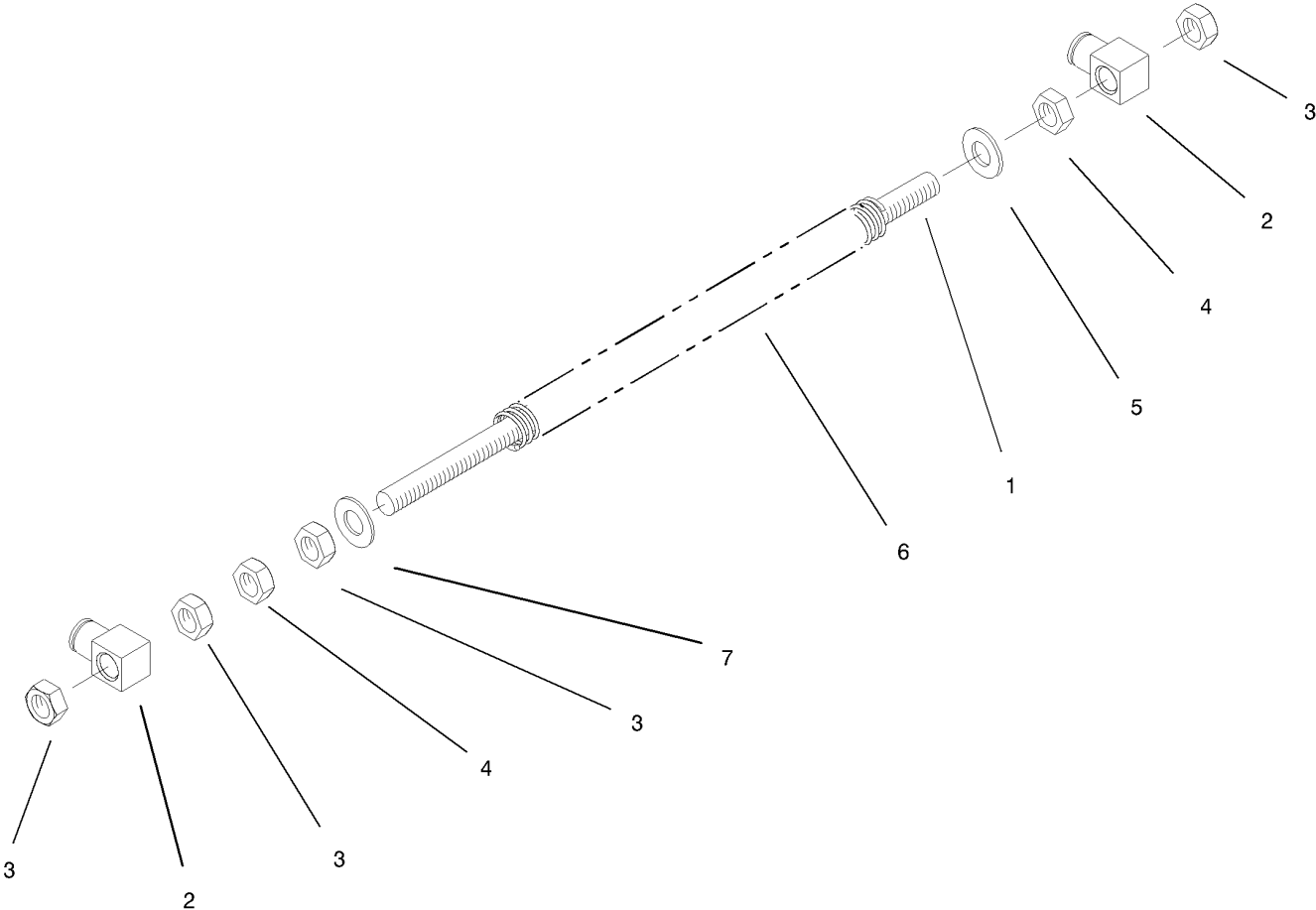
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Taper
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
9	322-3	6	Screw-HH
10	3256-23	4	Washer-Flat
11	107-2107	1	Floorpan ASM
11:2	1-633553	1	Pad-Antiskid
11:3	106-7451	1	Decal
11:4	107-2112	1	Decal-Warning
12	1-653049	1	Hinge-Floorpan
13	99-3930	1	Footrest ASM
13:2	99-3924	1	Decal-Service
13:3	98-5954	1	Decal-Missing, Cover
13:4	1-633553	1	Pad-Antiskid
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Bolt-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	105-2625	1	Decal-Std, Safety

Ref	Part No.	Qty.	Description
20	107-1783	1	Front Frame ASM
20:2	1-633818	1	Decal-Warning
21	32151-103	6	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-HHF
24	98-5975	12	Washer-Belleville
25	323-7	12	Screw-HH
31	103-1987	2	Front Spring ASM
33	107-1791-01	1	LH Front Deck Lift ASM
34	107-1792-01	1	RH Front Deck Lift ASM
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug
38	254-72	4	Bearing-Cup, Tapered



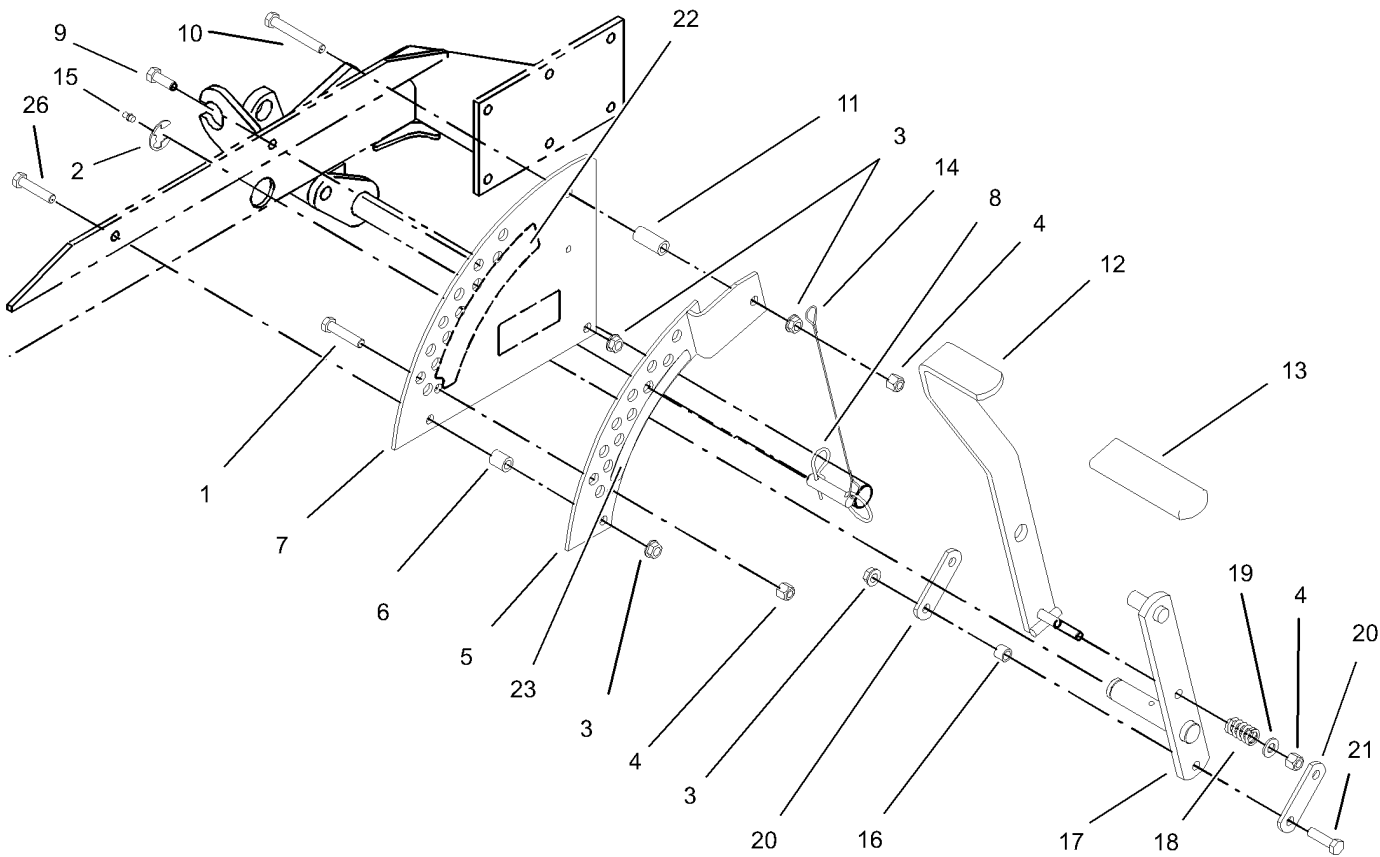
Caster Wheel Assembly No. 1-634662

Ref	Part No.	Qty.	Description				
1	1-633582	1	Wheel And Tire ASM				
1:1	1-633002	1	Tire				
1:2	1-633583	1	Wheel				
1:3	1-633584	2	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock, NI				



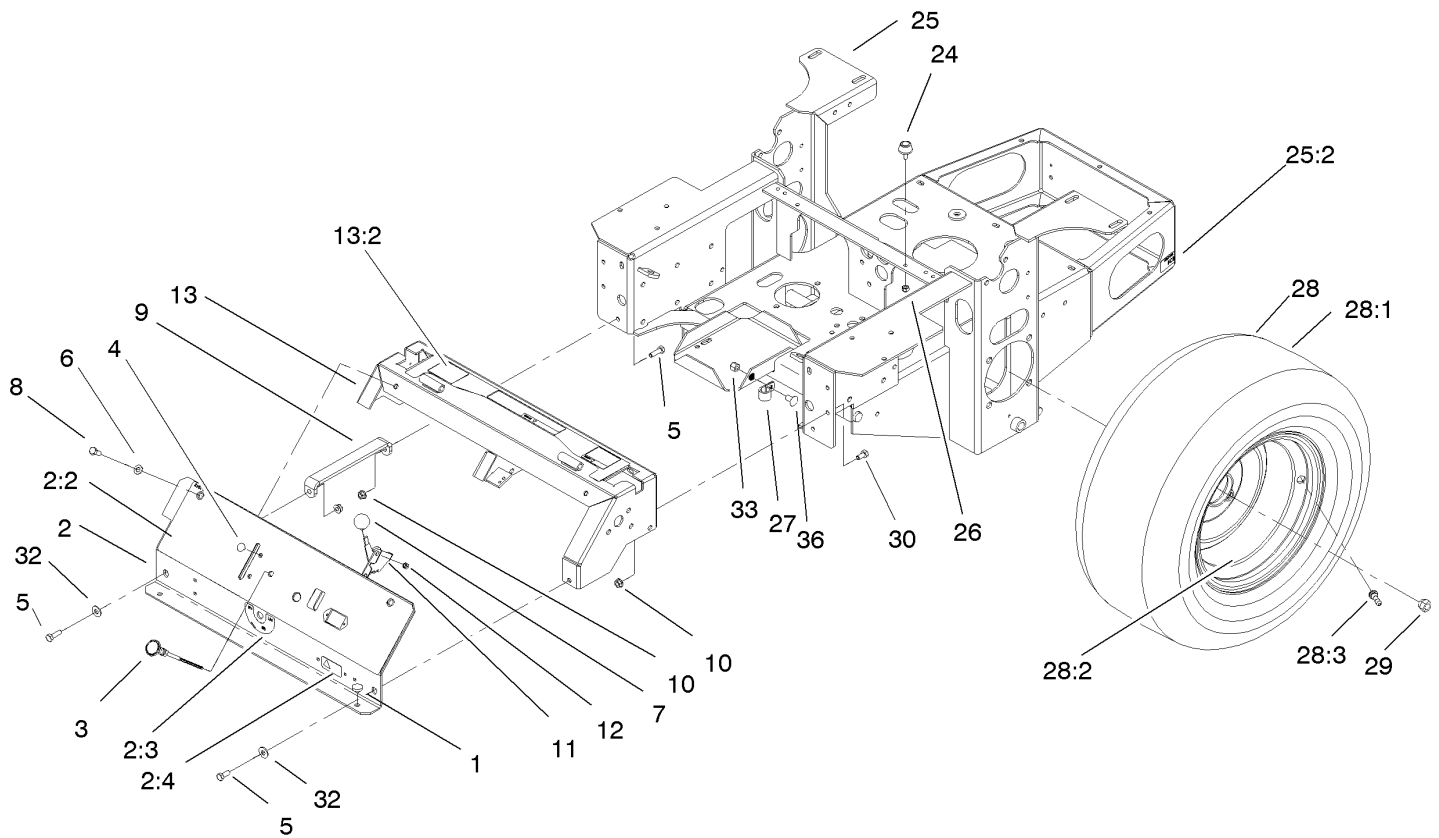
Front Spring Assembly No. 103-1987

Ref	Part No.	Qty.	Description				
1	1-653011	1	Rod-Lift, Deck				
2	1-633441	2	Swivel-Deck Mount, Rear				
3	3217-11	4	Nut-Hex				
4	3218-6	2	Nut-Jam				
5	1-805517	1	Washer				
6	1-653009	1	Spring-Compression				
7	3256-27	1	Washer-Flat				



Height of Cut Assembly

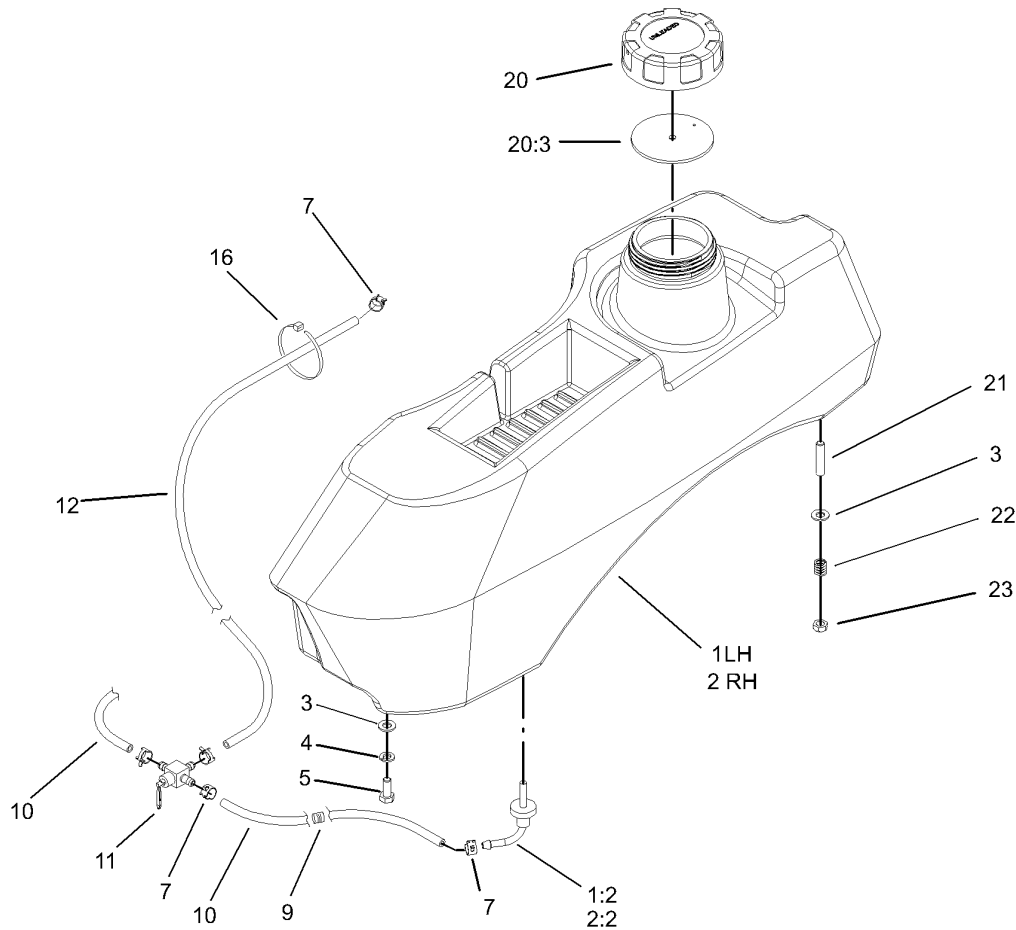
Ref	Part No.	Qty.	Description				
1	323-9	1	Screw-HH				
2	32151-103	1	Ring-Snap				
3	3290-357	5	Nut-HHF				
4	3296-39	3	Nut-Lock, NI				
5	1-652235-01	1	Plate-Lift, Deck				
6	1-633080	1	Bushing-Lever, Lift				
7	1-653230-01	1	Plate-Lift, Deck				
8	1-806005	1	Pin-Hair				
9	323-6	1	Screw-HH				
10	323-13	1	Screw-HH				
11	1-633082	1	Bushing-Lever, Lift				
12	103-2078-03	1	Handle-Lift				
13	1-633295	1	Grip-Lever, Lift				
14	1-633097	1	Pin-Hitch (W/lanyard)				
15	302-19	1	Fitting-Grease				
16	103-1918	2	Bushing				
17	106-6598-03	1	Lift Arm ASM				
18	1-633325	1	Spring-Compression				
19	3256-24	1	Washer-Flat				
20	1-633068	2	Arm-Lift, Deck				
21	323-29	2	Screw-HH				
22	1-653140	1	Decal-Deck Height, Outer				
23	1-653147	1	Decal-Deck Height, Inner				
26	323-8	1	Screw-HH				



Main Frame Assembly

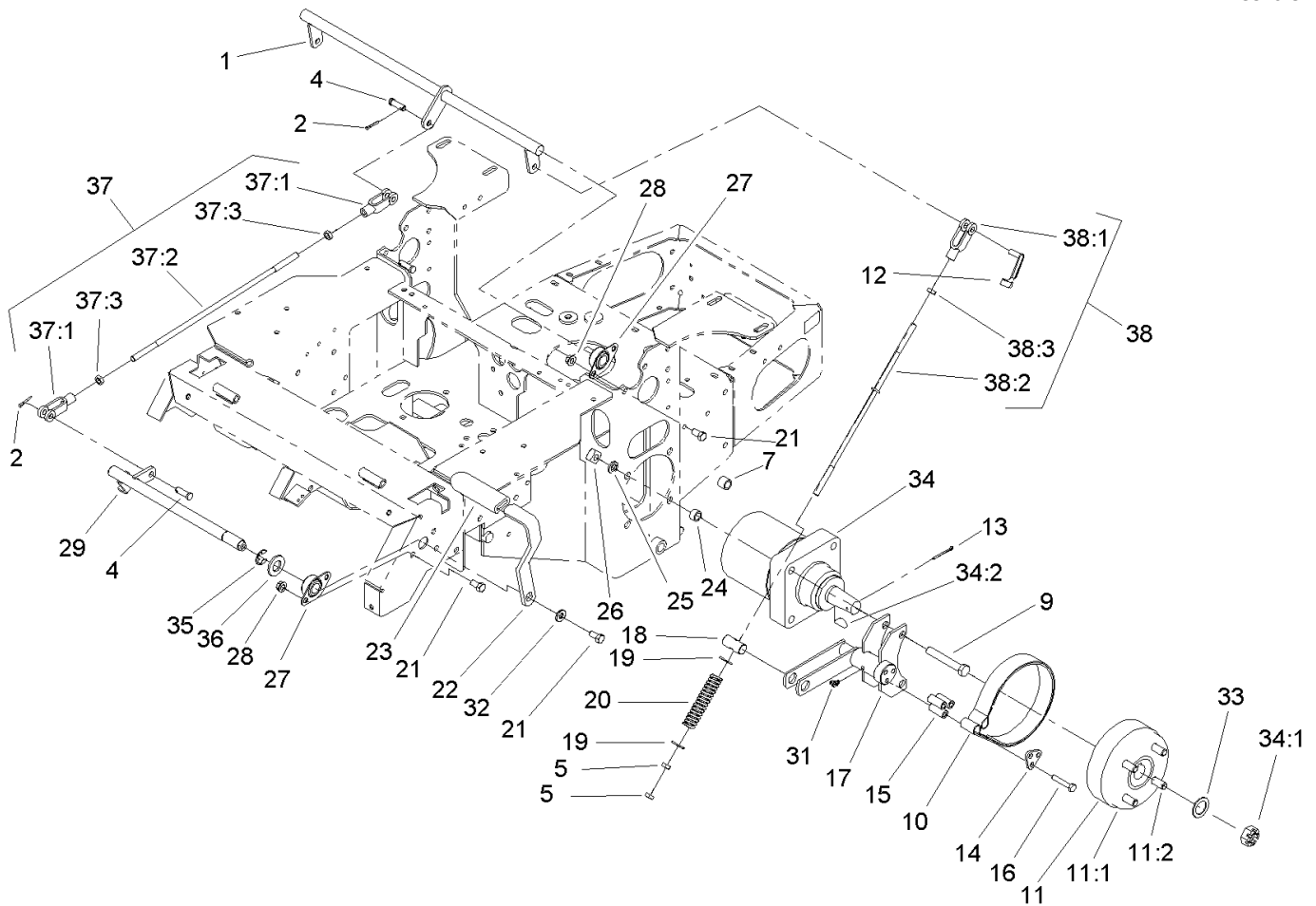
Ref	Part No.	Qty.	Description
1	1-513658	2	Bumper
2	106-6589	1	Console ASM
2:2	106-6586	1	Decal-Panel, Control
2:3	103-0262	1	Decal-Valve, Fuel
2:4	98-4387	1	Decal-Protection, Ear
3	103-4090	1	Control,choke (Push/pull)
4	1-807513	2	Bolt-CARR
5	322-5	2	Screw-HH
6	3256-23	2	Washer-Flat
7	1-513592	1	Knob-Ball
8	322-3	3	Screw-HH
9	1-653089-03	1	Bracket
10	32128-20	12	Nut-HF
11	106-9952	1	Cable-Throttle
12	3296-2	2	Nut-Lock
13	105-6123	1	Console Frame ASM
13:2	103-1997	1	Decal-Console, Top
24	1-523420	2	Bumper
25	107-2117	1	Main Frame ASM
25:2	65-2690	2	Decal-Surface, Hot
26	3296-42	2	Nut-Lock, NI
27	1-633396	1	Clip-Loom
28	1-653010	2	Wheel And Tire ASM
28:1	1-653160	1	Tire

Ref	Part No.	Qty.	Description
28:2	1-653158	1	Wheel
28:3	232-27	1	Stem-Valve
29	242-50	8	Nut-Lug
30	322-2	6	Screw-HH
32	3256-3	2	Washer-Flat
33	3296-39	1	Nut-Lock, NI
36	3231-21	1	Screw-CARR



Fuel System Assembly

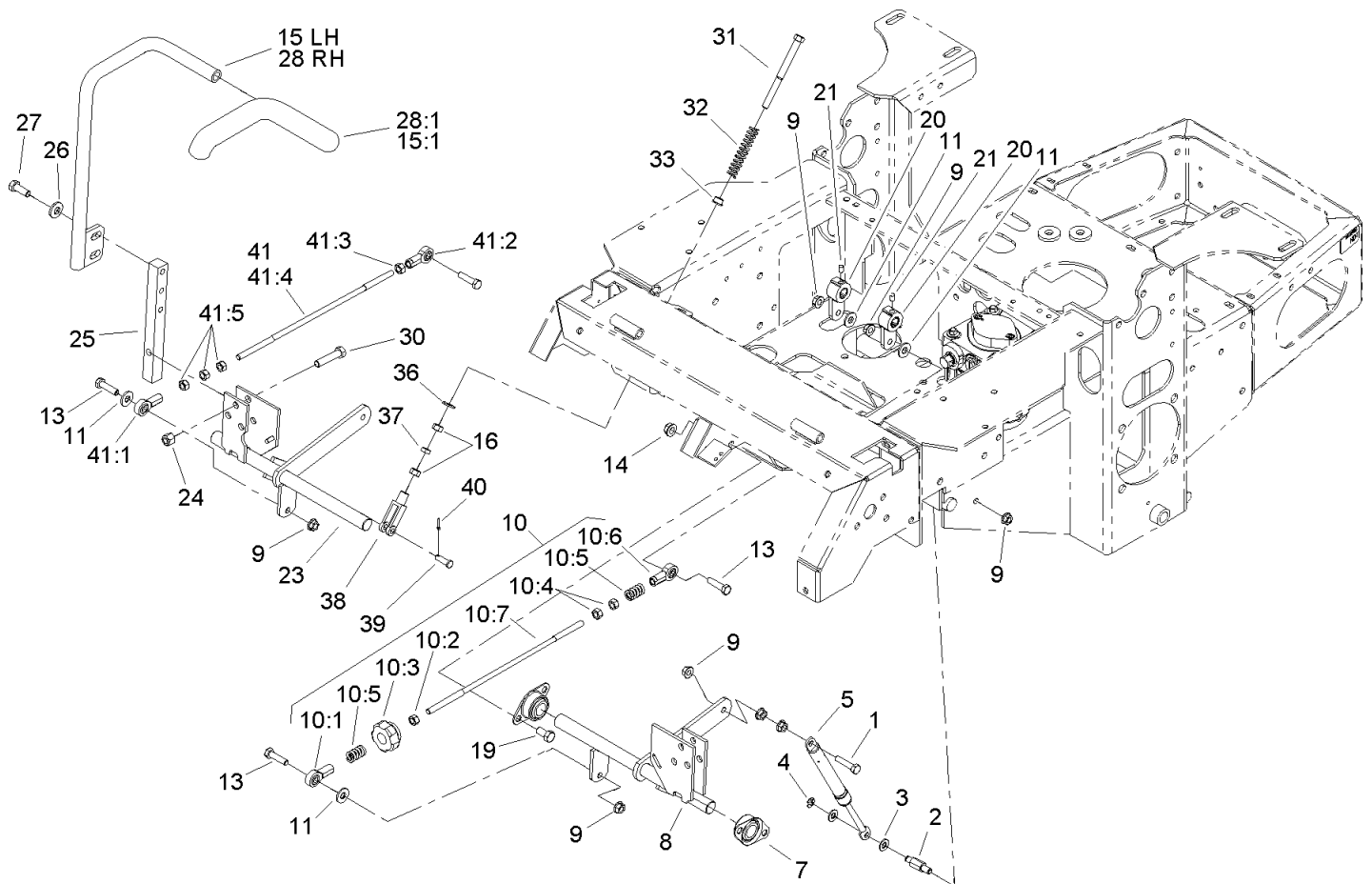
Ref	Part No.	Qty.	Description				
1	106-9976	1	LH Fuel Tank ASM				
1:2	103-2605	1	Fitting-Fuel, Bulkhead				
2	106-9975	1	RH Fuel Tank ASM				
2:2	103-2605	1	Fitting-Fuel, Bulkhead				
3	3256-23	8	Washer-Flat				
4	1-805005	4	Washer-Lock				
5	322-3	4	Screw-HH				
7	1-303077	6	Clamp				
9	1-543296	2	Grommet				
10	1-543526	2	Hose-Fuel				
11	1-633347	1	Valve-Fuel				
12	103-4250	1	Hose,fuel				
16	1-303335	1	Tie-Plastic				
20	88-3980	2	Gas Cap ASM				
20:3	88-4010	1	Gasket-Cap, Gas				
21	1-633023	4	Stud				
22	1-633349	4	Spring-Tank, Fuel				
23	3296-47	4	Nut-Lock, NI				



Parking Brake System Assembly

Ref	Part No.	Qty.	Description
1	1-652073-03	1	Crank-Brake, Park
2	3272-10	2	Pin-Cotter
4	1-808285	2	Pin-Clevis
5	3219-3	4	Nut-HH
7	1-653068	4	Spacer-Wheel
9	325-13	8	Screw-HH
10	103-0355	2	Band-Brake
11	103-0590	2	Hub-Wheel ASM
11:1	103-0589	1	Wheel Hub ASM
11:2	1-633926	4	Stud-Wheel
12	103-2399	2	Pin-Spring, Clevis
13	1-806800	2	Pin-Cotter
14	103-0374	2	Retainer-Band, Brake
15	103-0384	6	Spacer
16	322-9	6	Screw-HH
17	103-0352-03	2	Bracket-Brake
18	1-633144	2	Pin-Trunion
19	3256-4	4	Washer-Flat
20	1-633454	2	Spring-Brake
21	323-4	9	Screw-HH
22	1-653074-03	1	Handle-Brake, Park
23	1-633268	1	Grip-Lever, Brake
24	1-653069	4	Spacer-Wheel
25	3253-7	8	Washer-Lock

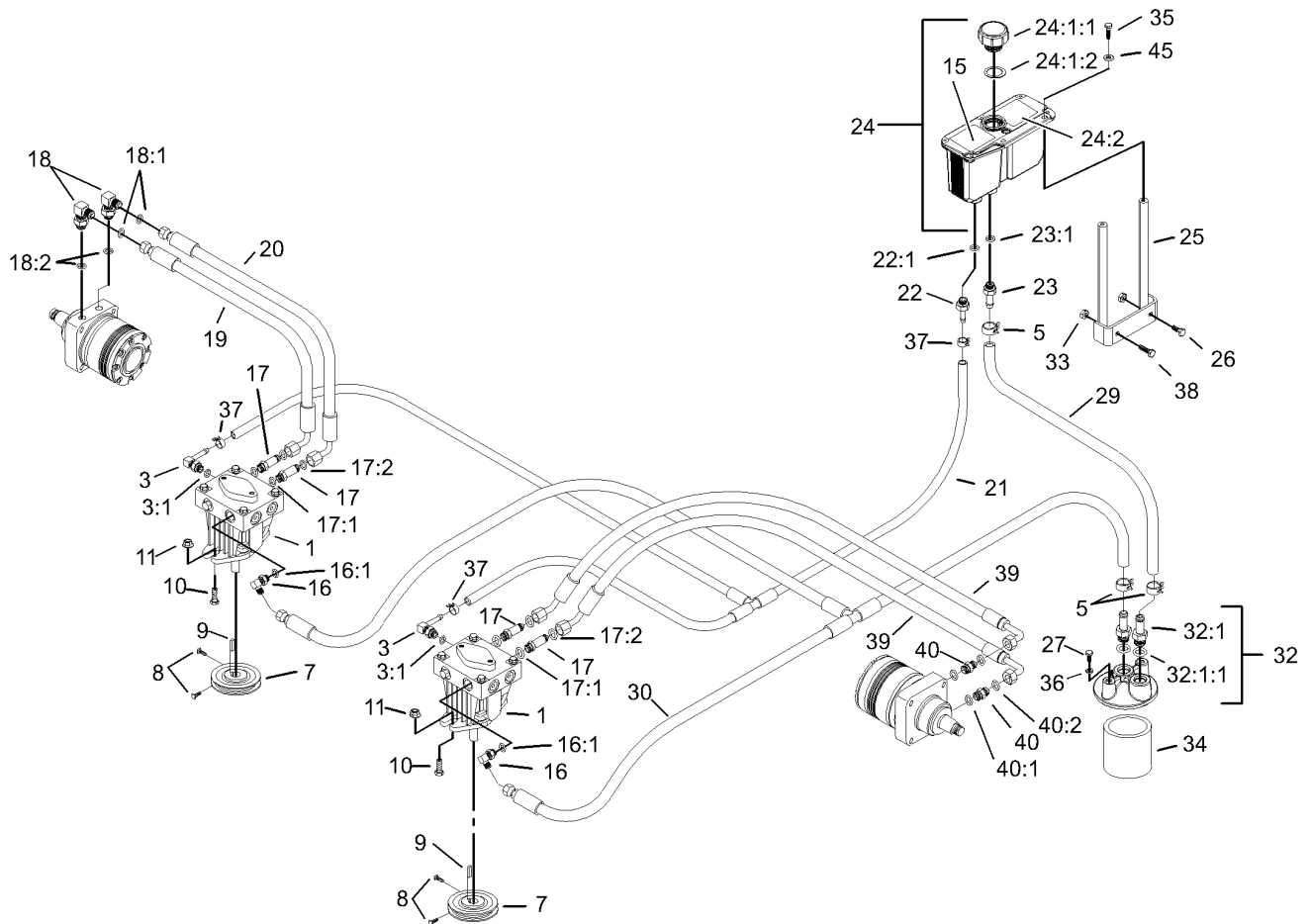
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	1-523328	2	Motor-Wheel
34:1	1-809036	1	Nut-HH
34:2	3257-42	1	Key-Woodruff
●34:99	1-000139	1	Bearing Kit
●34:99	103-2748	1	Drive Link Kit
●34:99	1-000099	1	Seal Kit
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
37	103-4328	1	Brake Rod ASM
37:1	1-633131	2	Yoke-Linkage, Brake
37:2	1-653061	1	Linkage-Handle, Brake
37:3	3219-3	2	Nut-HH
38	103-4329	2	Brake Rod ASM
38:1	1-633131	1	Yoke-Linkage, Brake
38:2	103-0356	1	Rod-Brake
38:3	3219-3	1	Nut-HH



Steering Control Assembly

Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	E-Ring
5	103-4079	2	Damper-Control, Motion
7	1-633102	4	Bearing-Flange, Side
8	103-4774	1	Control-Motion, LH
9	32128-20	12	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH
10:2	3219-2	1	Nut-Hex
10:3	103-3060	1	Knob-Tracking
10:4	1-804524	2	Nut
10:5	1-323245	2	Spring-Compression
10:6	1-633152	1	Balljoint-Thread, LH
10:7	103-3066	1	Link-Rod, Tracking
11	3256-3	4	Washer-Flat
13	322-6	4	Screw-HH
14	3290-357	8	Nut-HHF
15	103-0631	1	LH Lever ASM
15:1	1-633257	1	Grip-Control, Motion
16	3219-2	4	Nut-Hex
19	323-4	8	Screw-HH
20	103-3717	2	Arm-Control

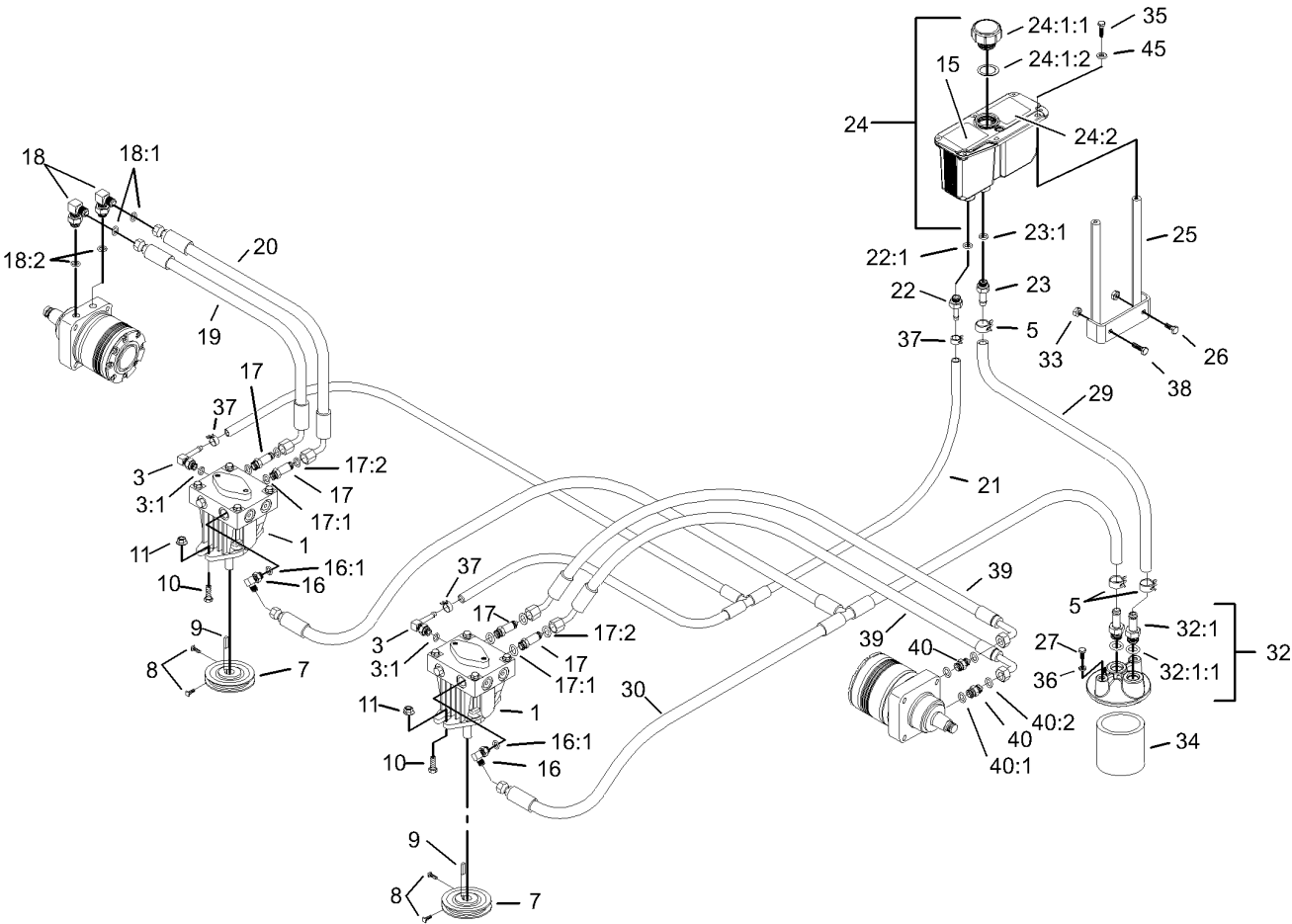
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	103-0632	1	RH Lever ASM
28:1	1-633257	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, Neutral
32	1-603807	2	Spring-Return, Neutral
33	1-603735	2	Bushing-Flanged
36	3256-2	2	Washer-Flat
37	3220-2	2	Nut
38	1-303105	2	Yoke-Adjustable
39	1-808280	2	Pin-Clevis
40	3272-5	2	Pin-Cotter
41	103-4327	1	Tracking ASM
41:1	1-543017	1	Balljoint-RH
41:2	1-633152	1	Balljoint-Thread, LH
41:3	1-804524	1	Nut
41:4	103-3066	1	Link-Rod, Tracking
41:5	3219-2	3	Nut-Hex



Hydraulic System Assembly

Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-Hyd, 90 DEG
16:1	237-42	1	O-Ring
17	103-1940	4	Adapter-Hyd, Straight
17:1	237-79	1	O-Ring
17:2	1-603992	1	O-Ring
18	1-633605	2	Fitting-Hyd, 90 DEG
18:1	1-603992	1	O-Ring
18:2	237-80	1	O-Ring
19	1-653186	1	Hose-Front
20	1-653187	1	Hose-Rh, Rear
21	103-2357	1	HYD Hose ASM
22	103-1801	1	Adapter-Straight
22:1	237-42	1	O-Ring
23	103-1912	1	Adapter-Straight

Ref	Part No.	Qty.	Description
23:1	237-42	1	O-Ring
24	103-1947	1	HYD Reservoir ASM
24:1		1	Reservoir-HYD
24:1:1	103-1948	1	Cap-Reservoir, HYD
24:1:2	103-1949	1	Gasket-Cap
24:2	1-523552	1	Decal-Tank, HYD
25	103-3071-03	1	Stand-Reservoir
26	322-3	1	Screw-HH
27	321-3	2	Screw-HH
29	103-3077	1	HYD Hose ASM
30	103-2930	1	HYD Hose ASM
32	103-2889	1	Filter Head ASM
32:1	103-1912	2	Adapter-Straight
32:1:1	237-42	1	O-Ring
33	32128-20	2	Nut-HF
34	1-633750	1	Filter-HYD
34	1-633752	1	Filter-Hyd, Winter
35	321-6	2	Screw-HH
36	1-805004	2	Washer-Lock
37	103-1716	3	Clamp-Hose
38	322-5	1	Screw-HH
39	103-3809	2	Hose-LH
40	1-603991	2	Fitting-Straight
40:1	237-80	1	O-Ring



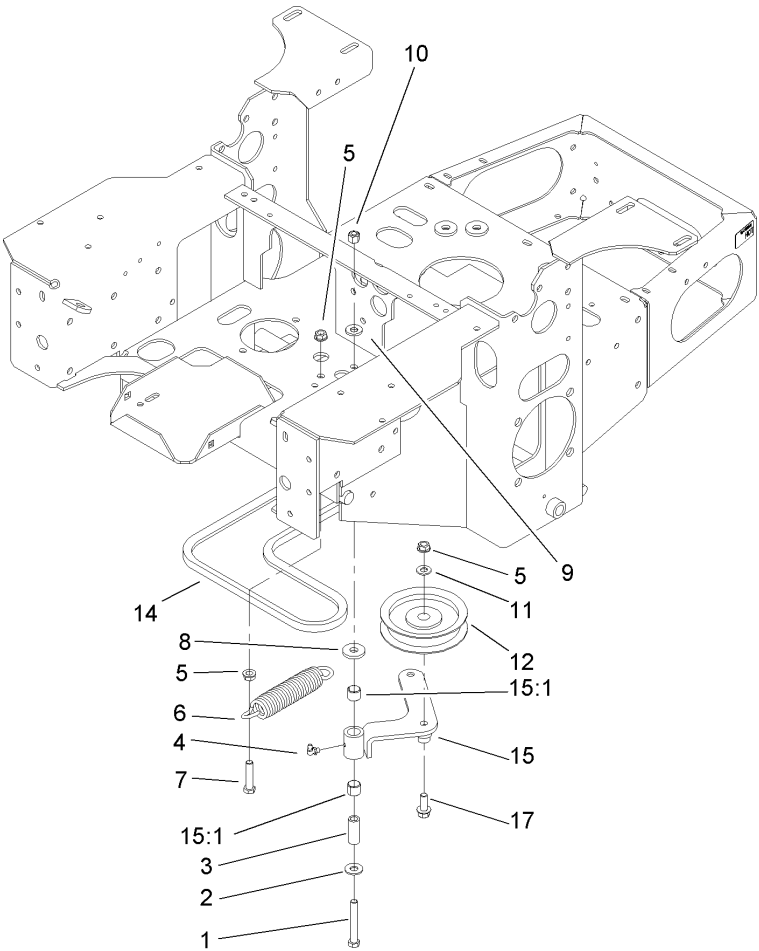
Hydraulic System Assembly (continued)

Ref	Part No.	Qty.	Description
40:2	1-603992	1	O-Ring
45	3256-22	2	Washer-Flat



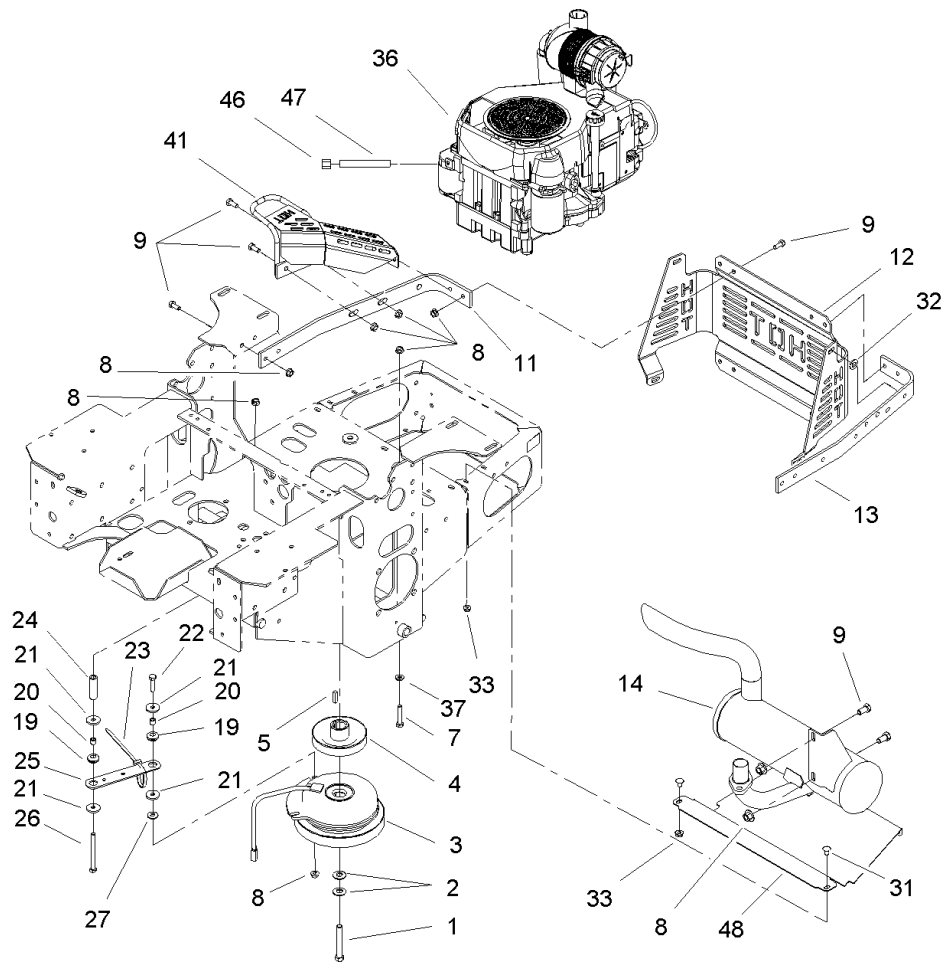
Hydraulic Pump Assembly No. 103-1942

Ref	Part No.	Qty.	Description
1	105-6184	1	Seal Overhaul Kit
2	105-6185	1	Plate-Valve
3	103-2664	1	Input Shaft Kit
4	94-6922	1	Bearing-Thrust
5	103-2666	1	Cylinder Block Kit
7	106-2053	1	Shock Valve Kit



Pump Idler and Belt Assembly

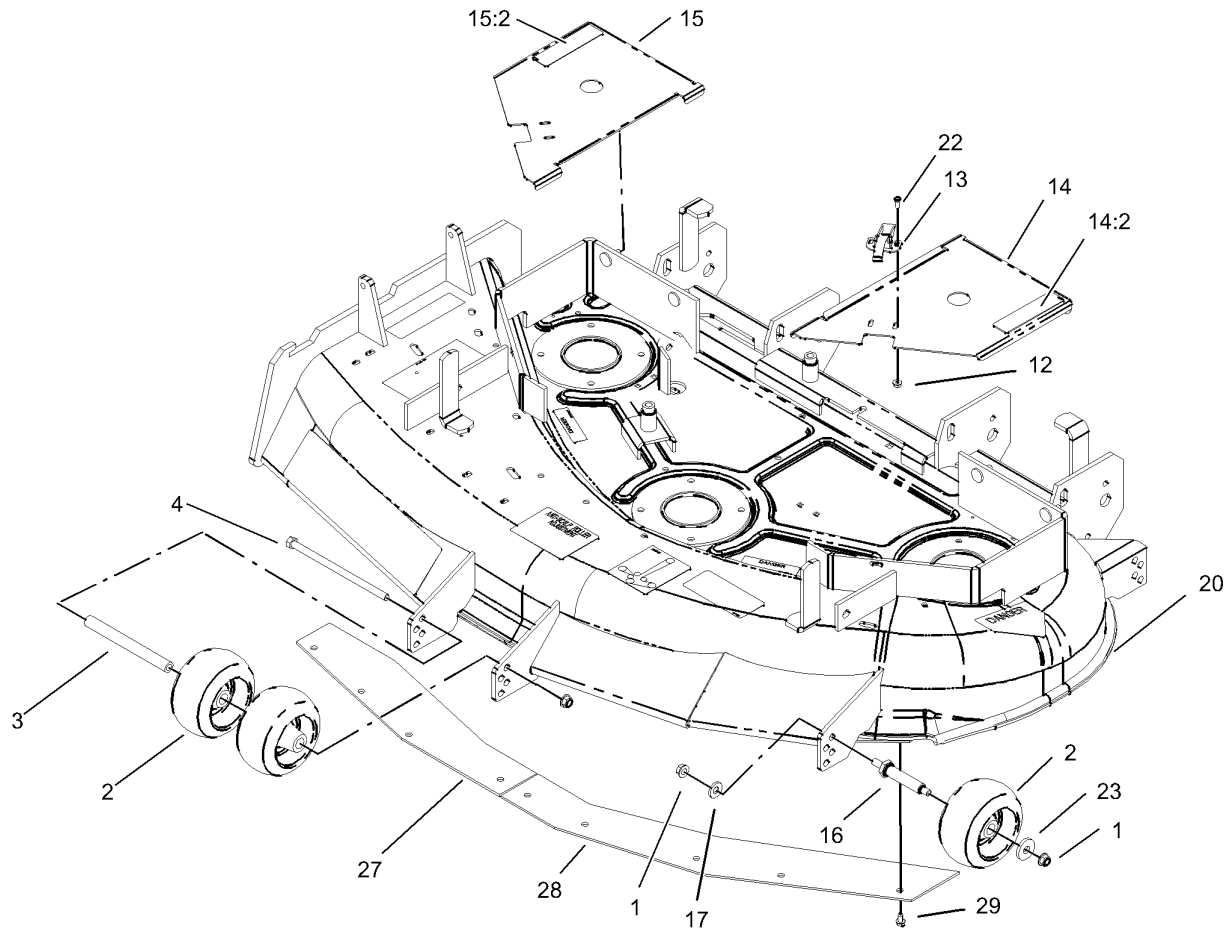
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	3	Nut-HHF				
6	103-4480	1	Spring-Extension				
7	323-9	2	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock, NI				
11	3256-24	2	Washer-Flat				
12	1-603843	1	Pulley-Idler				
14	103-4760	1	Belt-Cog				
15	103-4482	1	Idler Arm ASM				
15:1	103-4681	2	Sleeve-Bearing				
17	3234-11	1	Screw-HHF				



Engine, Clutch and Muffler Assembly

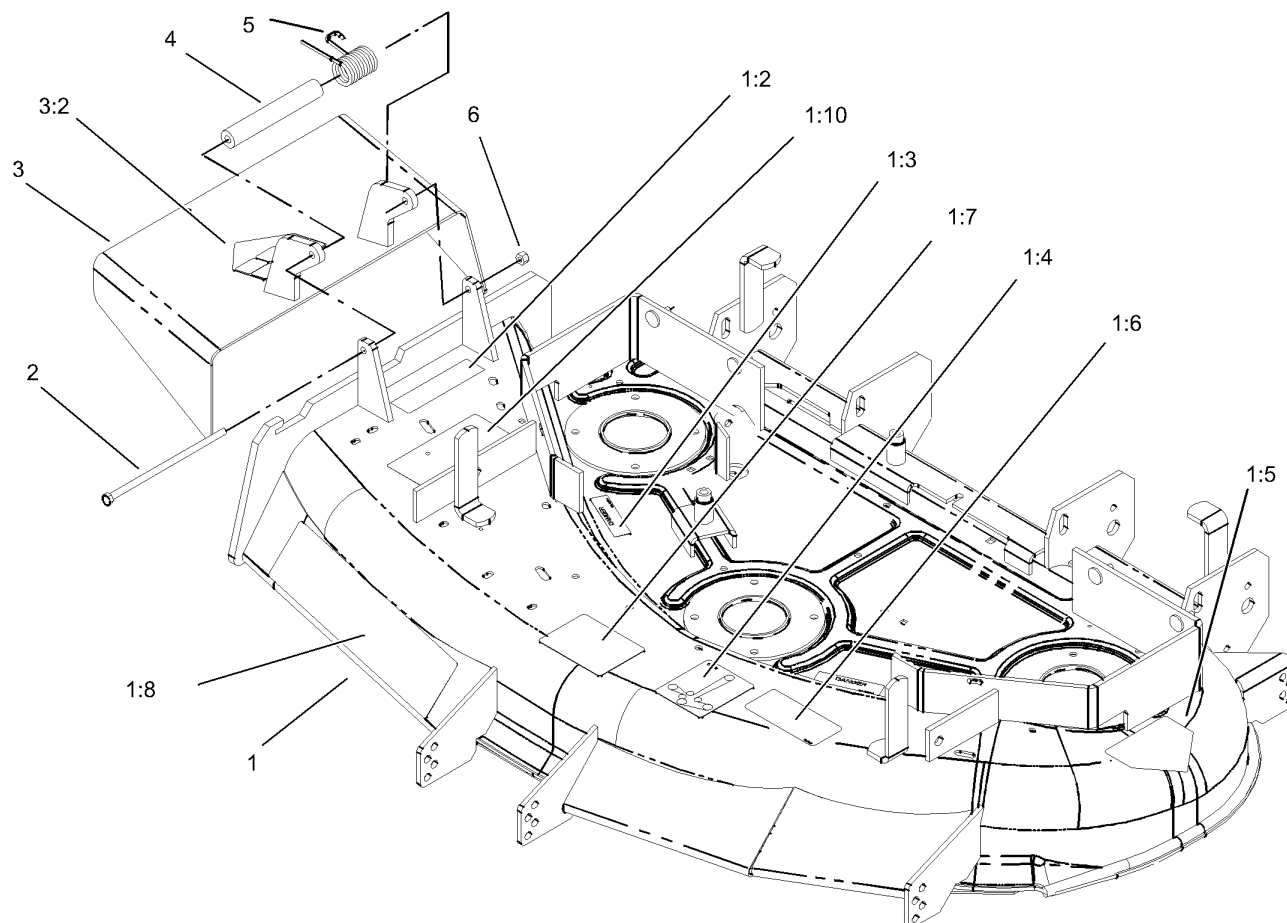
Ref	Part No.	Qty.	Description
1	3212-10	1	Screw-HH
2	1-603610	2	Washer-Spring
3	103-0690	1	Clutch
4	103-3913	1	Sheave W/ Hub
5	1-807259	1	Key
7	33114-025	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	23	Screw-HH
11	103-3078-03	1	Strap-Guard, RH Engine
12	103-3219-03	1	Guard-Rear
13	103-3164-03	1	Strap-Guard, LH Engine
14	106-9965	1	Muffler
19	1-633630	2	Grommet-Brake
20	1-633545	2	Spacer
21	1-613235	4	Washer
22	322-6	1	Screw-HH
23	1-303335	2	Tie-Plastic
24	103-2614	1	Spacer
25	1-633543-03	1	Strap-Clutch, Brake
26	322-22	1	Screw-HH
27	3256-3	3	Washer-Flat
31	3229-10	2	Screw-CARR
32	3256-23	4	Washer-Flat
33	32128-33	2	Nut-HF

Ref	Part No.	Qty.	Description
36		1	Engine-Kohler, Cv493s-27520
37	1-303334	2	Washer-Spring
41	103-3218-03	1	Guard-Tailpipe
46	288-10	1	Cap-Pipe
47	289-19	1	Nipple
48	107-1898-03	1	Shield-Heat



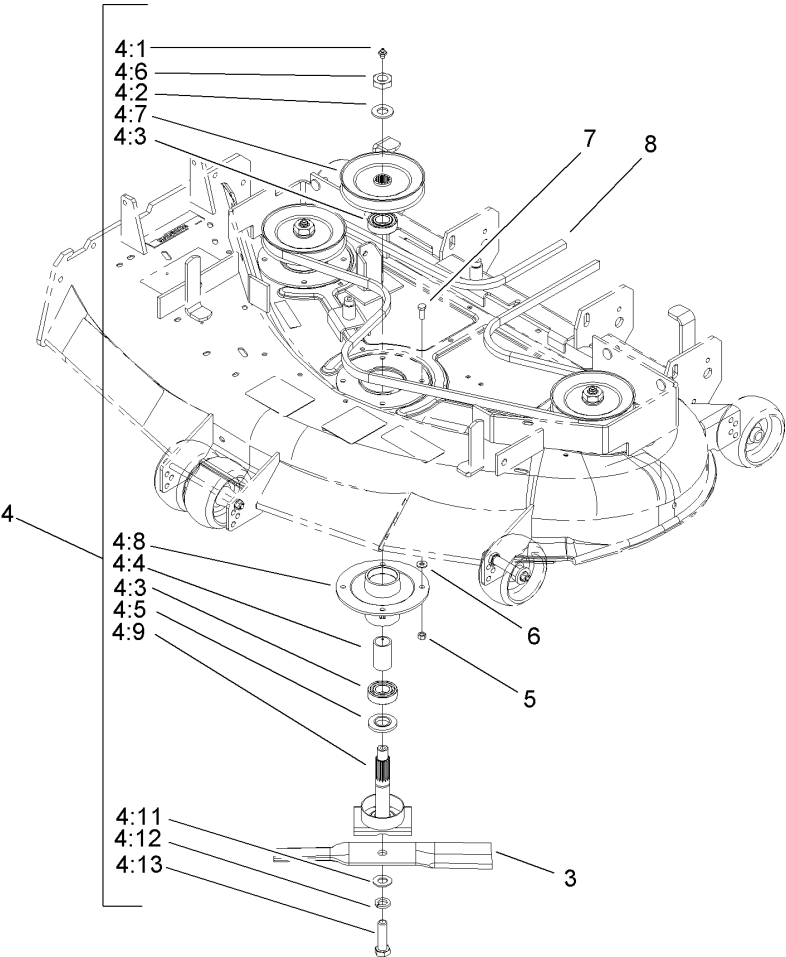
Deck Assembly

Ref	Part No.	Qty.	Description				
1	3290-357	7	Nut-HHF				
2	68-2730	5	Wheel-Gage				
3	98-5967	1	Spacer				
4	323-28	1	Screw-HH				
12	32128-17	4	Nut-Lock, Flange				
13	249-21	2	Clamp-Slotted				
14	99-3928	1	LH Cover ASM				
14:2	67-5360	1	Decal-Danger				
15	99-3929	1	RH Cover ASM				
15:2	67-5360	1	Decal-Danger				
16	99-2842	3	Spacer				
17	98-5975	3	Washer-Belleville				
20	106-5884	1	Deck ASM				
22	3290-321	4	Screw-HWH				
23	1-373034	3	Washer				
27	100-3257-03	1	Plate-Blowout, RH				
28	100-3258-03	1	Plate-Blowout, LH				
29	12-3270	9	Screw				



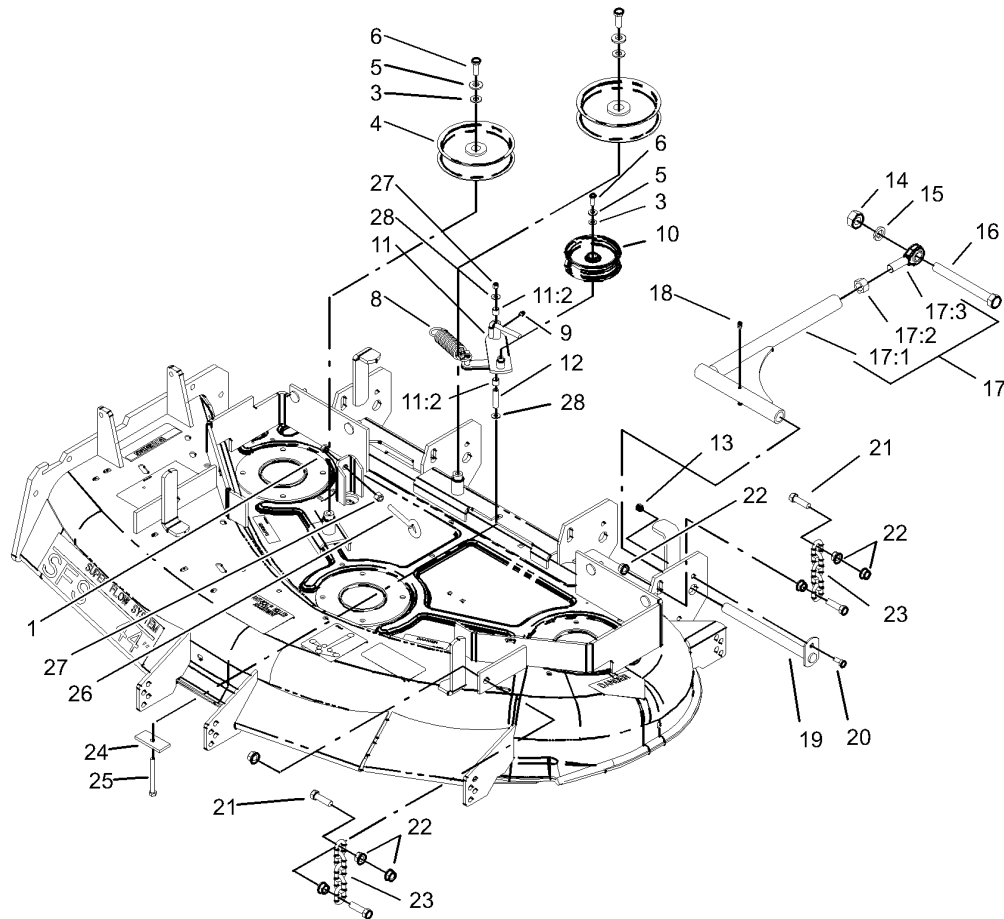
Deck and Deflector Assembly No. 106-5884

Ref	Part No.	Qty.	Description				
1	106-5883	1	44" Deck ASM W/decals				
1:2	104-8569	1	Decal-Warning				
1:3	98-5954	3	Decal-Missing, Cover				
1:4	99-3943	1	Decal-Routing, Belt				
1:5	43-8480	1	Decal-Danger				
1:6	93-7818	1	Decal-Torque, Blade Bolt				
1:7	98-3798	1	Decal-Wheel, Gage				
1:8	98-8028	1	Decal-Sfs				
1:10	66-1340	1	Decal-Danger				
2	322-50	1	Screw-HH				
3	105-4625	1	Deflector ASM				
3:2	93-1122	1	Decal-Danger				
4	105-4622	1	Spacer				
5	104-8554	1	Spring-Torsion				
6	3296-29	1	Nut-Lock, NI				



Deck Spindle Assembly

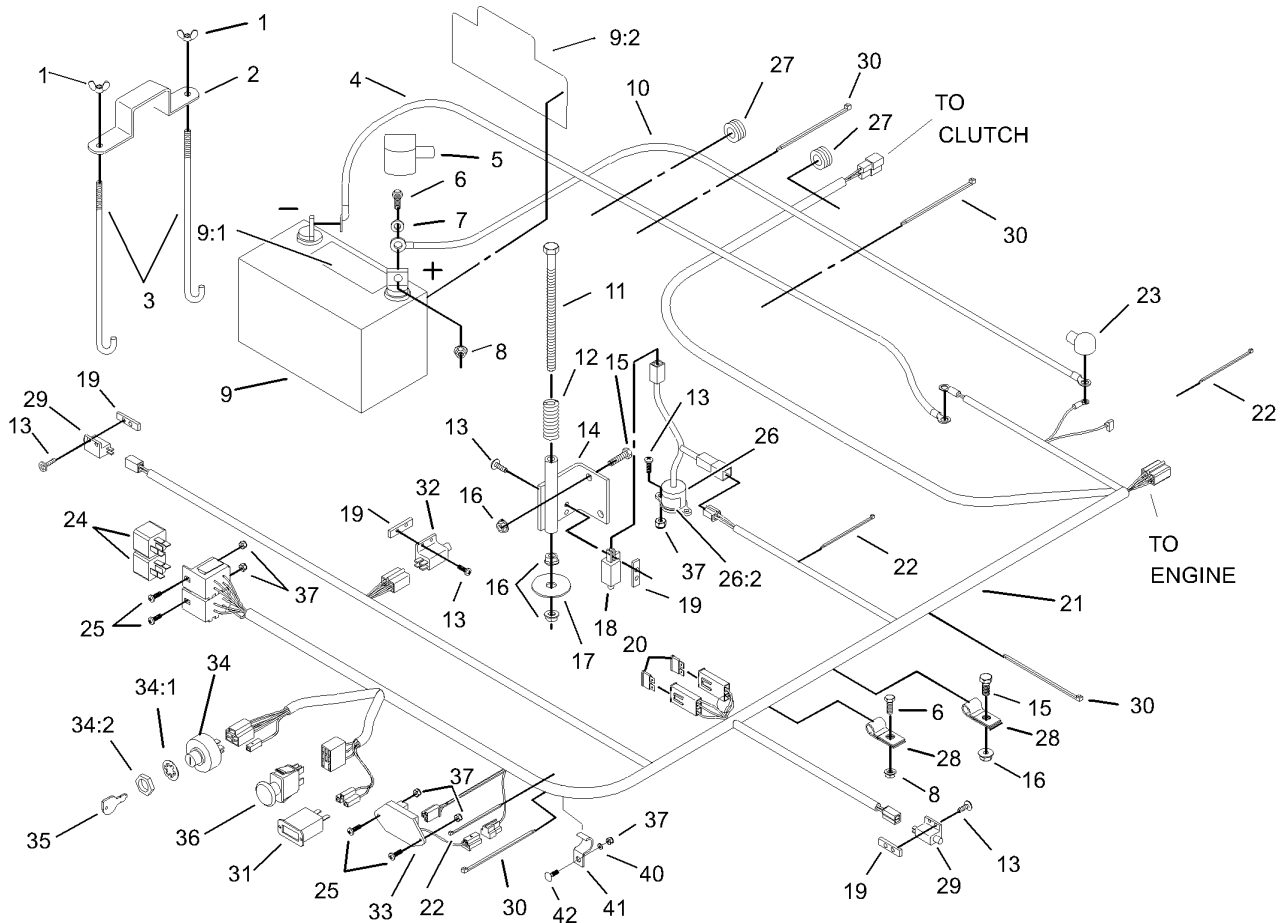
Ref	Part No.	Qty.	Description				
3	54-0010	3	Blade				
4	100-3977	3	Spindle Housing ASM				
4:1	302-2	1	Fitting-Grease				
4:2	7-4150	1	Washer				
4:3	251-257	2	Bearing-Ball				
4:4	67-7580	1	Spacer-Bearing				
4:5	67-7570	1	Spacer-Spindle				
4:6	32146-20	1	Nut-Jam				
4:7	100-3975	1	Pulley And Hub ASM				
4:8	67-7590	1	Housing-Spindle				
4:9	100-3974	1	Spindle Shaft ASM				
4:11	3256-27	1	Washer-Flat				
4:12	3253-8	1	Washer-Lock				
4:13	51-4060	1	Screw-Blade				
5	32152-1	12	Nut-Lock, NI				
6	3256-2	4	Washer-Flat				
7	322-4	12	Screw-HH				
8	99-4647	1	V-Belt-Drive, Deck				



Idler, Pulley/Lift Strut, Chain Assembly

Ref	Part No.	Qty.	Description
1	3217-7	1	Nut-Hex
3	3256-24	3	Washer-Flat
4	1-613098	2	Pulley-Idler
5	98-5975	3	Washer-Belleville
6	323-6	3	Screw-HH
8	103-3330	1	Spring-Extension
9	302-40	1	Fitting-Grease
10	99-8912	1	Pulley-Idler, Flat
11	99-8914	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	1-603384	1	Bushing-Pivot, Idler
13	3296-29	2	Nut-Lock, NI
14	3217-11	2	Nut-Hex
15	3253-8	2	Washer-Lock
16	1-800344	2	Screw
17	103-1081	2	Strut ASM
17:1	103-1072-01	1	Strut-Deck
17:2	3219-6	1	Nut-Hex
17:3	1-633029	1	Balljoint-Spherical
18	302-19	4	Fitting-Grease
19	1-632199-01	2	Pin-Strut, Deck
20	322-3	2	Screw-HH
21	1-800811	8	Screw-Cap, HH
22	32128-37	16	Nut-HF

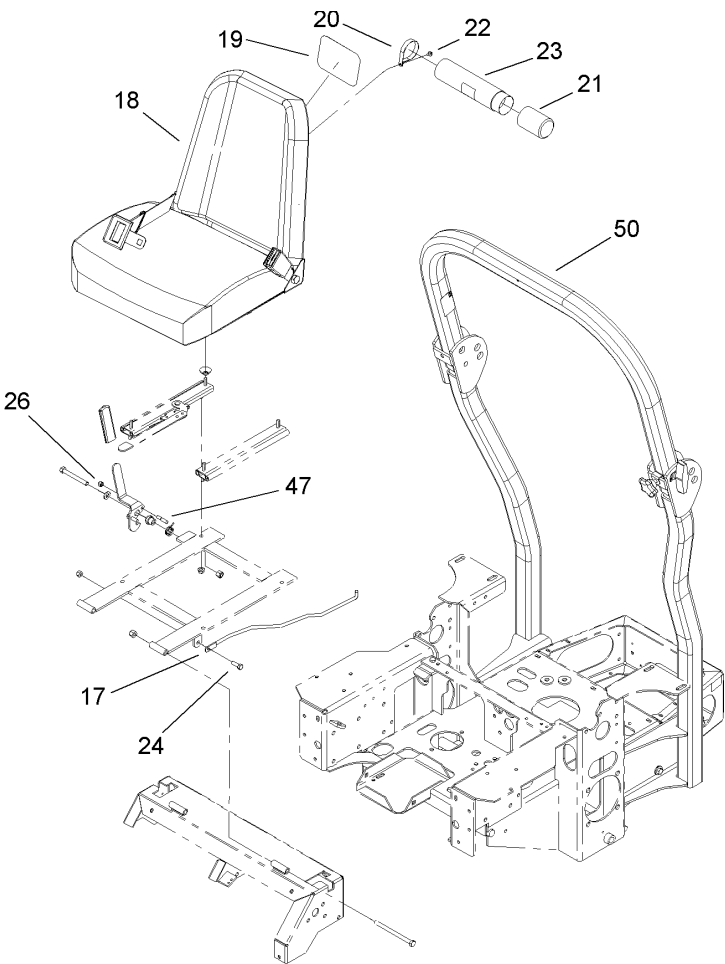
Ref	Part No.	Qty.	Description
23	1-633447	4	Chain-Lift, Deck
24	99-3946-01	1	Plate-Retainer, Bolt
25	1-800805	1	Screw-HH
26	94-2547	1	Bolt-Eye
27	3296-39	2	Nut-Lock, NI
28	1-809107	2	Washer-Hardened



Electrical System Assembly

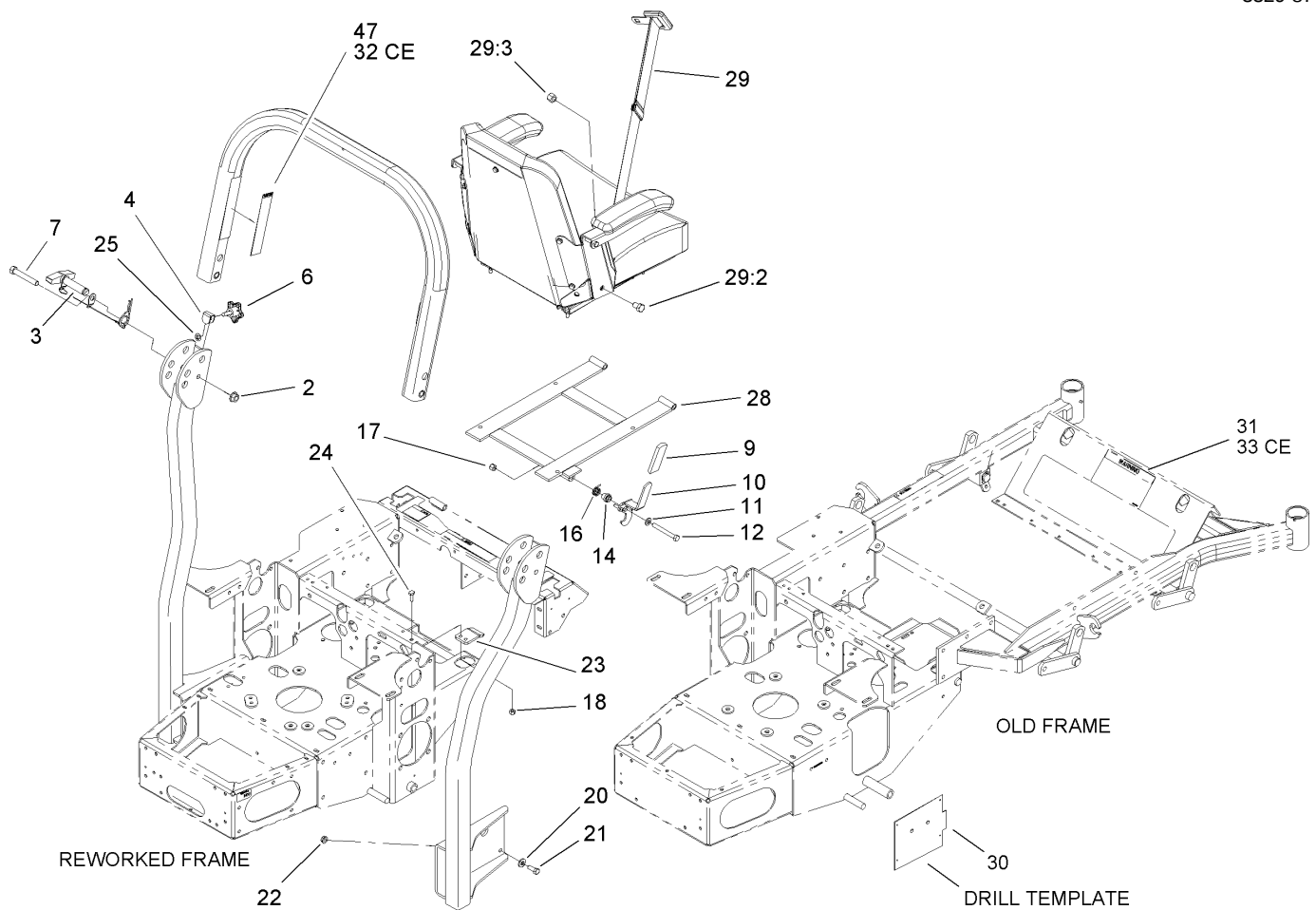
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	1-633652-03	1	Strap-Holddown
3	1-633651	2	Bolt-Holddown
4	1-543767	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	3	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	3	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	1	Decal-Battery
10	1-523281	1	Wire-Starter
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	3290-500	10	Screw-PPH
14	1-652072-03	1	Bracket-Switch, Seat
15	322-3	3	Screw-HH
16	32128-20	5	Nut-HF
17	1-653036	1	Washer
18	1-513152	1	Switch-Closed, Normally
19	1-633181	4	Plate-Tapped
20	1-816001	2	Fuse-Type, Blade
21	106-7487	1	Harness - Wire
22	1-303287	2	Tie-Plastic

Ref	Part No.	Qty.	Description
23	1-543393	1	Insulator-Solenoid
24	1-643275	2	Relay
25	1-807513	4	Bolt-CARR
26	1-644427	1	Tilt Switch ASM
26:2	1-643401	1	Decal-Switch, Mercury
27	1-543286	2	Grommet
28	1-633396	2	Clip-Loom
29	1-513051	2	Switch-Open, Normally
30	1-303335	4	Tie-Plastic
31	1-513374	1	Meter-Hour
32	1-633111	1	Switch
33	100-6186	1	Module-Delay, Seat
34	88-9830	1	Key Switch ASM
34:1	3254-5	1	Washer-Tooth
34:2	218-461	1	Nut-HH
35	63-8360	2	Key-Ignition
36	1-633673	1	Switch-Delta
37	3296-2	7	Nut-Lock
40	3256-14	1	Washer-Flat
41	103-1193	1	Clip-Half, Loom
42	1-807533	1	Bolt-CARR



Seat and Roll-Over-Protection-System Assembly

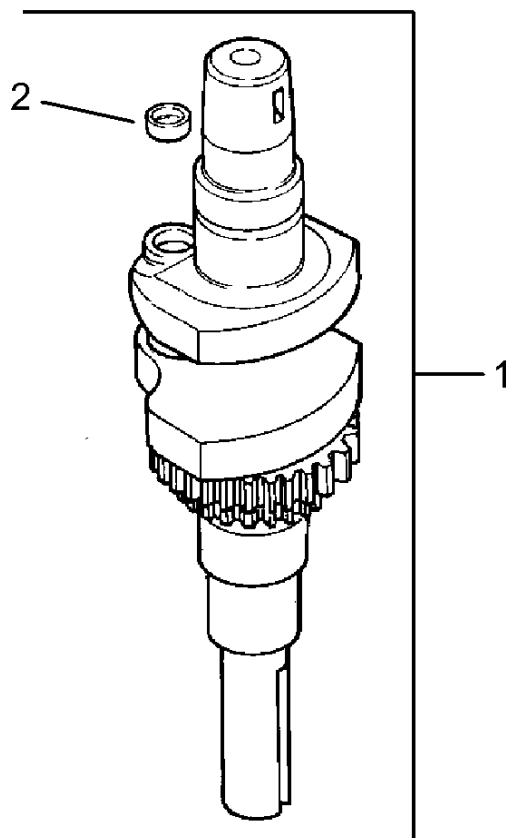
Ref	Part No.	Qty.	Description				
17	103-1731	1	Rod-Retainer, Seat				
18	107-2116	1	Seat ASM				
19	99-4693	1	Decal				
20	2412-120	2	R-Clamp				
21	104-7048	1	Cap-Housing				
22	32104-76	2	Screw				
23	104-7050	1	Housing-Manual				
24	322-5	1	Screw-HH				
26	3296-42	2	Nut-Lock, NI				
47	107-0095	2	Pin				
50	107-3066	1	Rops ASM				



Roll-Over-Protection-System Assembly No. 107-3066

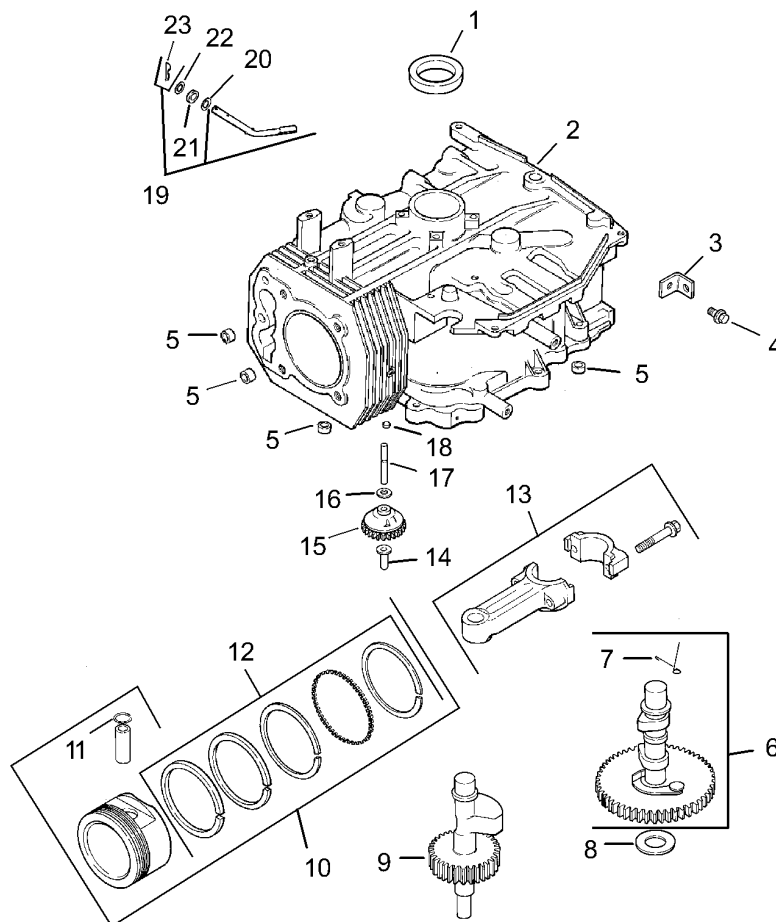
Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF
3	107-3060	2	Pin Latch ASM
4	107-3124	2	Clip
6	106-0887	2	Knob
7	325-13	2	Screw-HH
9	62-9130	1	Grip-Handle
10	107-3083	1	Latch ASM
11	3256-24	1	Washer-Flat
12	323-20	1	Screw-HH
14	107-0075	1	Bushing-Latch, Seat
16	107-0076	1	Spring-Torsion
17	3296-39	1	Nut-Lock, NI
18	3296-29	2	Nut-Lock, NI
20	98-5975	8	Washer-Belleville
21	323-6	8	Screw-HH
22	3290-357	8	Nut-HHF
23	107-3059	1	Catch-Latch, Seat
24	322-4	2	Screw-HH
25	107-3154	2	Nut-Push
28	107-3052-03	1	Frame-Support, Seat
29	103-4469	1	Seatbelt Kit
29:2	3212-4	2	Screw-HH
29:3	3296-38	2	Nut-Lock NI
30	107-3079	1	Template-Mount, Rops

Ref	Part No.	Qty.	Description
31	107-2112	1	Decal-Warning
32	107-3069	1	Decal-Warning, Folding Rops Ce
33	107-1866	1	Decal-Danger, Slope
47	107-2102	1	Decal - Warning, Folding Rops



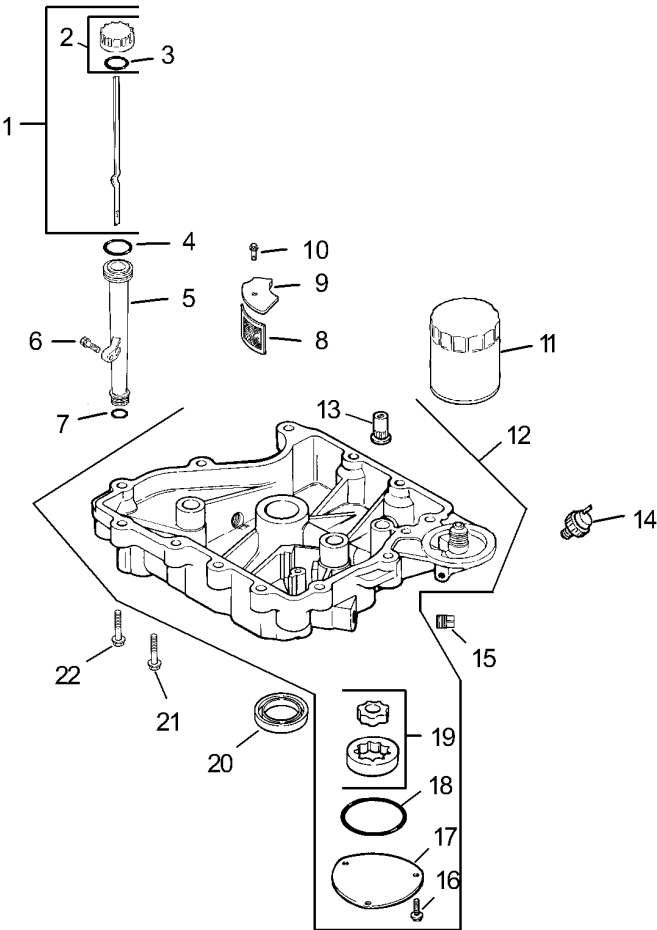
Crankshaft Assembly Kohler CV493S-27520

Ref	Part No.	Qty.	Description
1	12 014 57-S	2	Crankshaft (Includes 2)
2	25 139 27-S	1	Plug-Cup



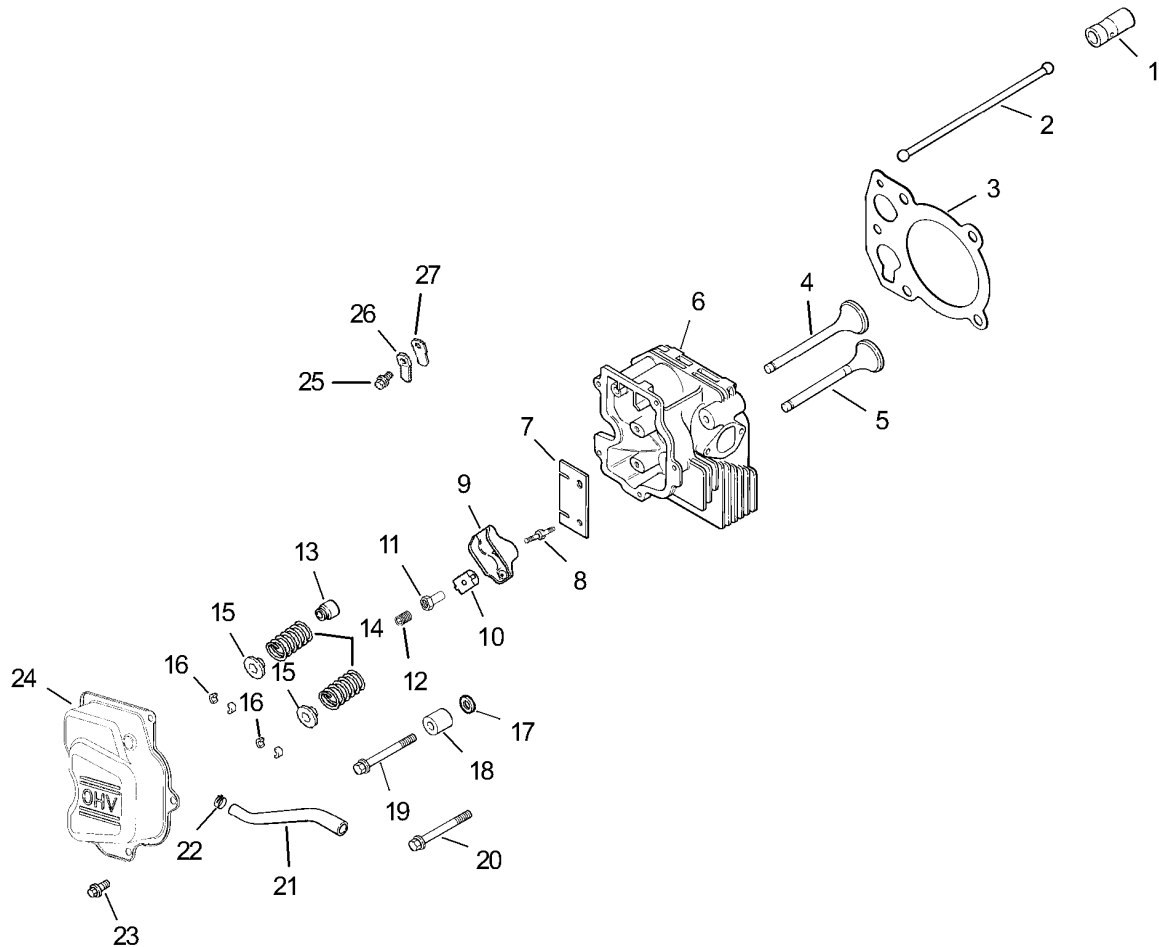
Crankcase Assembly Kohler CV493S-27520

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	12 032 03-S	1	Seal-Crankshaft	1	12 108 09-S	1	Ring Set .50
2		1	Crankcase (Use: Short Block 12 522 51)	13	12 067 11-S	1	Connecting Rod (Std.)
3	12 445 02-S	1	Strap-Lifting	1	12 067 12-S	1	Connecting Rod (.25)
4	M-839025-S	1	Scerw-HF	14	12 380 01-S	1	Pin, Gvrn. Regulating
5	24 380 13-S	4	Pin, Locating	15	12 043 05-S	1	Gear-Governor
6	12 010 30-S	7	Camshaft Assembly (Includes 7)	16	M-631005-S	1	Washer-Flat
7	12 089 31-S	1	Spring-Actuating	17	12 144 02-S	1	Shaft-Governor Gear
8	12 422 08-S	1	Shim-Camshaft	18	52 139 09-S	1	Plug-Cup
1	12 422 09-S	1	Shim-Camshaft	19	12 755 64-S	1	Kit, Governor Cross Shaft W/clip (Incl. 23)
1	12 422 10-S	1	Shim-Camshaft	20	X-25-102-S	1	Washer-Flat
1	12 422 11-S	1	Shim-Camshaft	21	12 032 01-S	1	Seal-Governor Shaft
1	12 422 12-S	1	Shim-Camshaft	22	M-631015-S	1	Washer-Plain, 6mm
1	12 422 13-S	1	Shim-Camshaft	23	12 154 05-S	1	Clip-Hitch Pin
1	12 422 07-S	1	Shim-Camshaft				
9	12 144 28-S	1	Shaft-Balance				
10	12 874 07-S	1	Piston W/ring Set (Std.)(Includes 11, 12)				
1	12 874 11-S	1	Set-Piston W/ring .08				
1	12 874 08-S	1	Set-Piston W/ring .25				
1	12 874 09-S	1	Set-Piston W/ring .50				
11	12 018 02-S	2	Retainer-Piston Pin				
12	12 108 07-S	1	Ring Set STD				
1	12 108 08-S	1	Ring Set .25				



Oil Pan and Lubrication Assembly
Kohler CV493S-27520

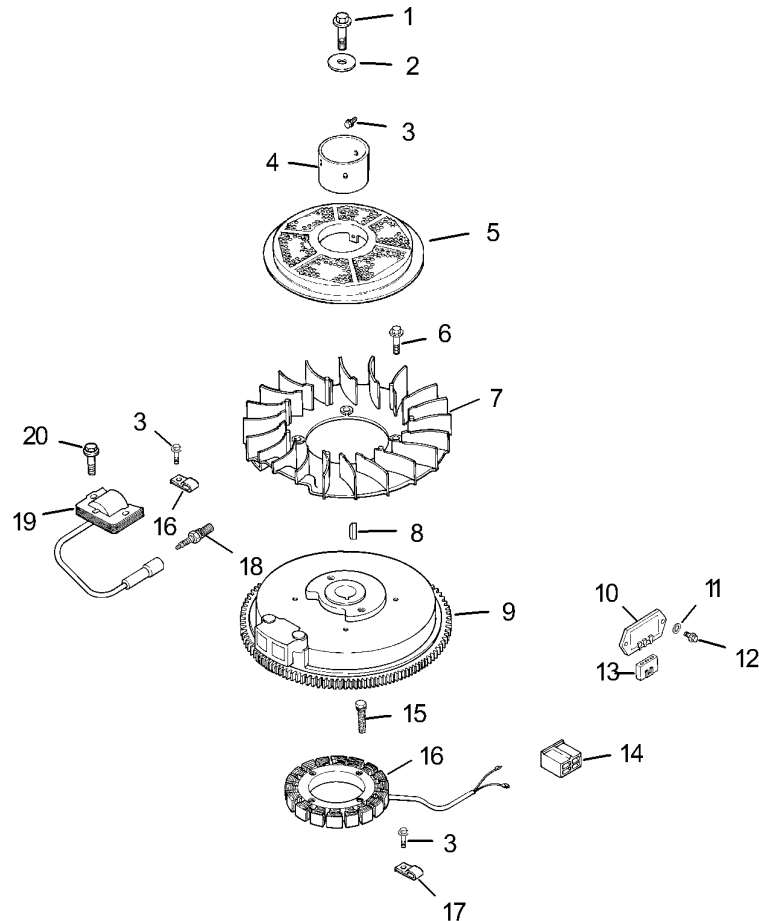
Ref	Part No.	Qty.	Description				
1	12 038 01-S	1	Dipstick (Includes 2, 3)				
2	25 755 13-S	1	Kit, Oil Fill Cap (Incl. 3)				
3	25 153 02-S	1	O-Ring				
4	12 153 02-S	1	O Ring-Upper Fill Tube				
5	12 123 04-S	1	Tube-Oil Fill				
6	M-545020-S	1	Screw-HF				
7	12 153 01-S	1	O Ring-Lower Fill Tube				
8	25 162 07-S	1	Screen-Oil Pickup				
9	12 096 03-S	1	Cover-Oil Pickupscreen				
10	M-545016-S	1	Screw-HF				
11	52 050 02-S	1	Filter-Oil				
12	12 199 50-S	1	Pan Assembly, Oil (Includes 13,16-19)				
13	25 462 09-S	1	Valve-Oil Pressure Relief				
14	24 099 03-S	1	Switch-Pressure				
15	25 139 57-S	1	Plug-SQH				
16	M-545016-S	1	Screw-HF				
17	12 096 34-S	1	Cover-Oil Pump				
18	12 153 06-S	1	O Ring-Oil Pumpcover				
19	12 393 01-S	1	Pump-Oil				
20	12 032 03-S	1	Seal-Crankshaft				
21	24 086 16-S	11	Screw				
22	24 086 17-S	1	Screw-HF				



Head/Valve/Breather Assembly Kohler CV493S-27520

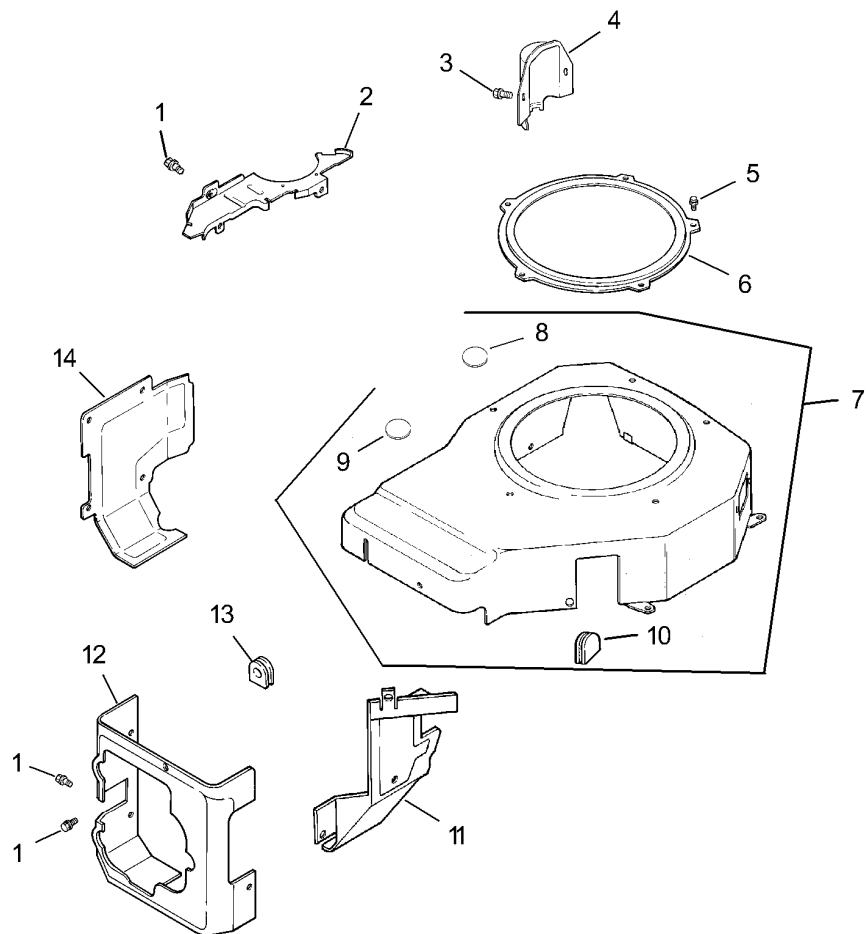
Ref	Part No.	Qty.	Description
1	25 351 01-S	2	Lifter-Valve
2	12 411 03-S	2	Rod-Push
3	12 041 10-S	1	Gasket-Cylinder Head
4	12 017 01-S	1	Valve-Intake STD
❶	12 017 02-S	1	Valve-Intake .25
5	12 016 01-S	1	Valve-Exhaust STD
❶	12 016 02-S	1	Valve-Exhaust .25
6	12 318 36-S	1	Cylinder Head
7	12 146 22-S	1	Plate, Guide
8	25 072 12-S	2	Stud, Rocker
9	25 186 01-S	2	Arm-Rocker
10	12 599 03-S	2	Pivot-Rocker Arm
11	12 112 16-S	2	Nut, Hex.
12	25 086 112-S	2	Screw, Set (Avt)
13	66 032 05-S	2	Seal-Valve Stem
14	12 089 34-S	2	Spring-Valve
15	12 173 01-S	2	Cap-Valve Spring
16	12 755 03-S	2	Kit-Retainer
17	12 468 05-S	1	Washer-Flat
18	12 112 16-S	1	Nut, Hex.
19	M-645025-S	2	Screw-HF
20	M-645016-S	1	Screw-HF
21	12 326 18-S	1	Hose, Breather
22	25 237 14-S	2	Clamp-Hose

Ref	Part No.	Qty.	Description
23	20 086 02-S	4	Screw, Hex. Flange M10x1.5x81
24	12 096 47-S	1	Cover, Valve
25	M-545010-S	1	Nut-HF
26	12 018 01-S	1	Retainer-Reed
27	12 402 02-S	1	Reed-Breather
❶	12 041 01-S	2	Gasket-Carburetor
❶	12 041 02-S	1	Gasket, Air Filter
❶	12 041 03-S	1	Gasket-Exhaustmanifold



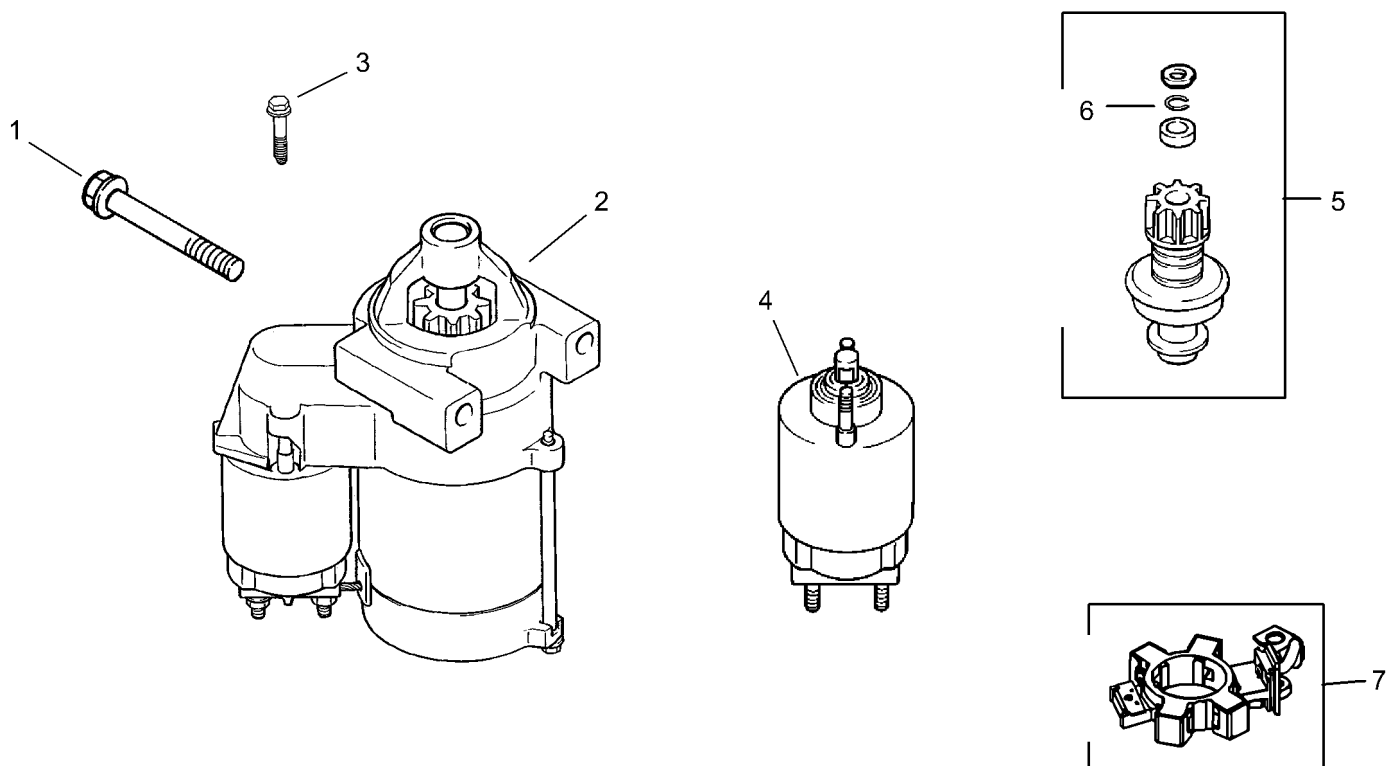
Ignition/Electrical Assembly
Kohler CV493S-27520

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	12 086 14-S	1	Screw	❶	12 518 01-S	1	Lead-White
2	12 468 03-S	1	Washer	❶	24 518 12-S	1	Lead-Black
3	M-545010-S	5	Nut-HF				
4	12 109 03-S	1	Cup, Screen Mounting				
5	12 162 09-S	1	Screen-Grass				
6	25 086 47-S	4	Bolt-Shoulder				
7	12 157 03-S	1	Fan				
8	X-42-15-S	1	Key				
9	12 025 53-S	1	Flywheel				
10	41 403 09-S	1	Rectifier-Regulator				
11	X-22-11-S	1	Washer-Lock				
12	M-639016-S	2	Screw-HF				
13	236602-S	1	Connector				
14	41 155 02-S	1	Connector (5 Contact)				
15	M-548025-S	2	Screw-Hex Cap				
16	237878-S	1	Kit, Stator (Includes Terminal 25 452 01-S)				
17	X-728-1-S	2	Clip				
18	12 132 06-S	1	Plug-Spark				
19	12 584 04-S	1	Module-Ignition				
20	M-545020-S	2	Screw-HF				
❶	25 452 01-S	1	Terminal				
❶	X-25-5-S	1	Washer, Plain 5/16"				
❶	25 518 05-S	1	Lead-Black				



Blower Housing and Baffle Assembly
Kohler CV493S-27520

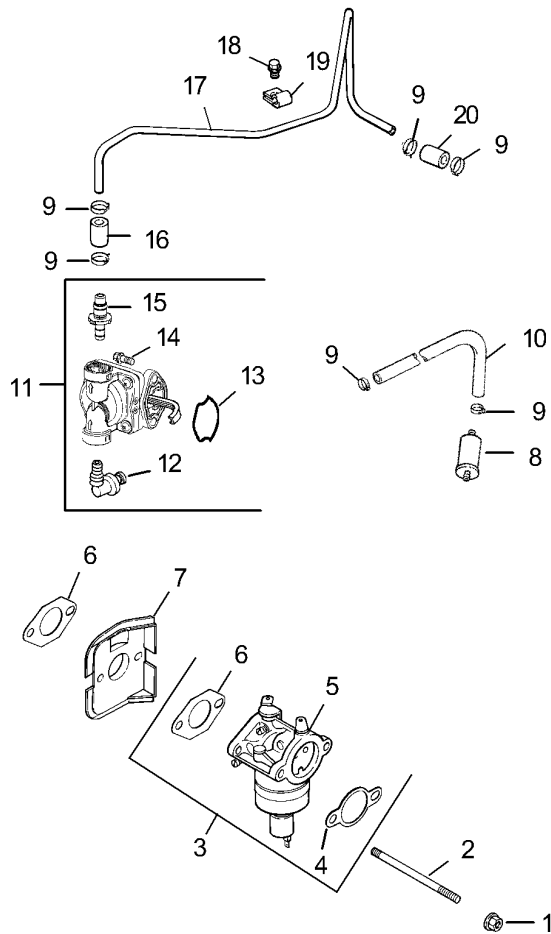
Ref	Part No.	Qty.	Description				
1	M-545010-S	9	Nut-HF				
2	12 146 07-S	1	Plate-Blower Housing				
3	M-550010-S	11	Screw-Hex Flange				
4	12 096 33-S	1	Cover, Starter				
5	12 314 07-S	1	Guard, Stylized				
6	12 314 10-S	1	Guard, Grass Screen				
7	12 027 71-S	1	Housing, Blower (Includes 8-10)				
8	25 139 17-S	1	Plug, Button 1/2				
9	25 139 16-S	1	Plug-Button				
10	12 313 05-S	2	Grommet				
11	12 063 18-S	1	Baffle-Intake Side				
12	12 063 20-S	1	Baffle-Cylinder Head				
13	12 313 03-S	1	Grommet, Blower Housing				
14	12 063 19-S	1	Baffle-Cylinder				
1	25 113 24-S	1	Decal, Small Round				
1	24 113 94-S	1	Decal-Hp				



Starter System Assembly

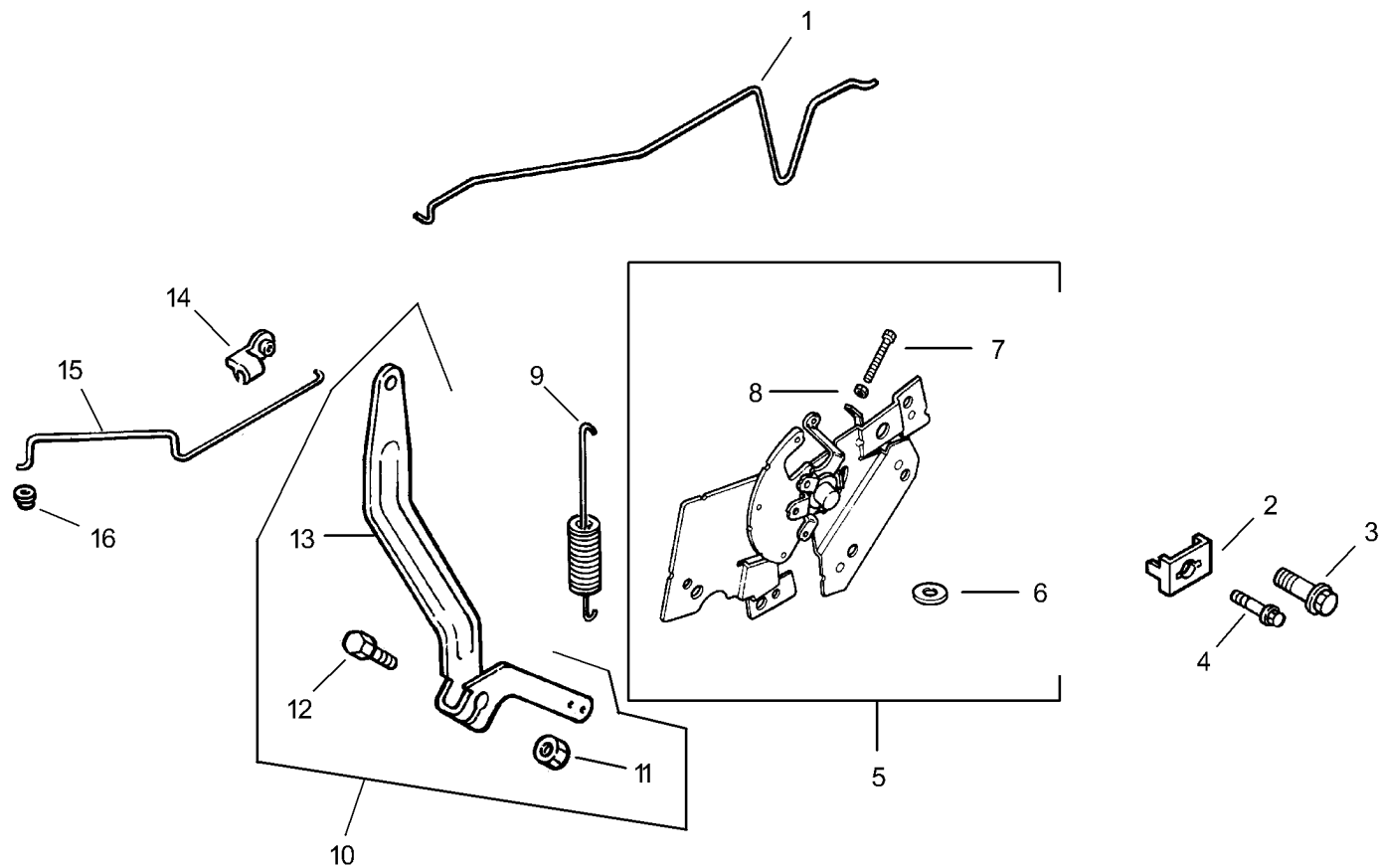
Kohler CV493S-27520

Ref	Part No.	Qty.	Description				
1	M-839080-S	2	Screw-HF				
2	25 098 09-S	1	Starter Assembly (Includes 3-8)				
3	25 086 113-S	3	Screw-External Torx Head				
4	25 435 05-S	1	Kit, Solenoid (Incl. 3)				
5	25 755 33-S	1	Kit, Pinion Drive (Incl. 6)				
6	25 141 05-S	1	Ring				
7	25 221 01-S	1	Brush Kit				



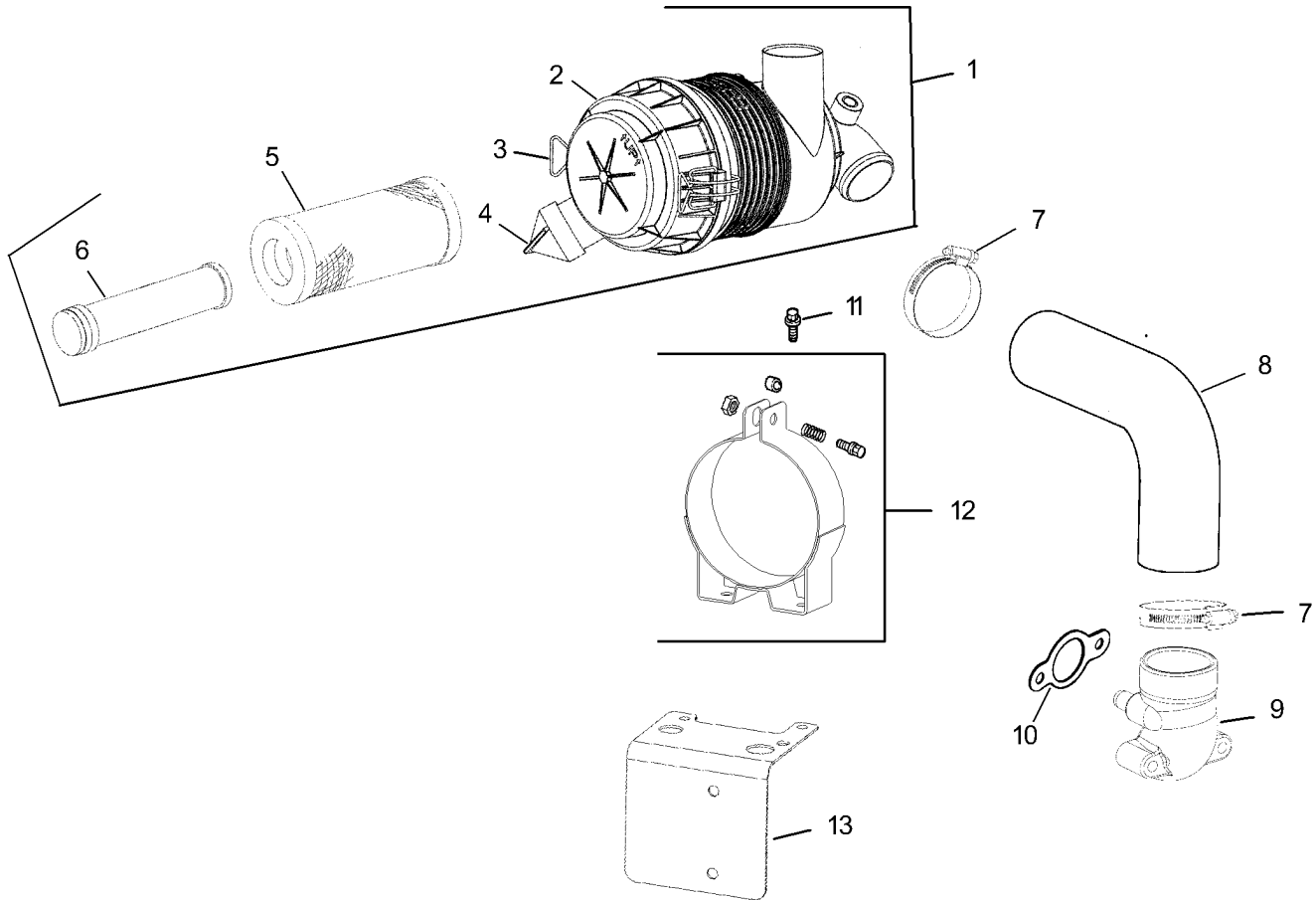
Fuel System Assembly Kohler CV493S-27520

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	M-641060-S	2	Nut-HF	20	41 353 18-S	1	Line Fuel 2-1/2"
2	M-629116-S	2	Stud M6x1.0x116	1	12 757 02-S	1	Kit-Float
3	12 853 147-S	1	Kit, Carburetor W/gaskets (Includes 4, 5, 6 Qty. 1, Tie 12 454 03-S, And Terminal 25 452 20-S)	1	12 757 03-S	1	Kit-Carburetor Repair
4	12 041 02-S	1	Gasket, Air Filter	1	12 757 33-S	1	Kit, Solenoid Repair
5	12 053 147	1	Carburetor Assembly (For Information Only Not Available Separately)(Service With Kits: 12 757 02-S, 12 757 03-S, 12 757 33- S, 12 757 36-S, And 12 757 37-S)	1	12 757 36-S	1	Kit, Throttle Shaft Bearing And Seal
6	12 041 01-S	2	Gasket-Carburetor	1	12 757 37-S	1	Kit, Bowl Replacement
7	12 265 06-S	1	Deflector-Heat	3	12 454 03-S	3	Tie (3)
8	25 050 08-S	1	Filter, Fuel	1	M-561010-S	1	Screw-M5
9	25 237 14-S	6	Clamp-Hose	1	X-22-11-S	1	Washer-Lock
10	24 393 11-S	1	Line, Fuel				
11	12 559 02-S	1	Kit, Fuel Pump (Includes 12-15)				
12	12 294 13-S	1	Fitting, Connector 90				
13	25 153 04-S	1	O-Ring, Fuel Pump				
14	M-645020-S	2	Screw-HF				
15	24 294 09-S	1	Fitting				
16	12 353 01-S	1	Line, Fuel 1-1/4				
17	12 123 19-S	1	Line-Fuel				
18	M-545010-S	1	Nut-HF				
19	12 154 01-S	1	Clamp-Fuel Line				



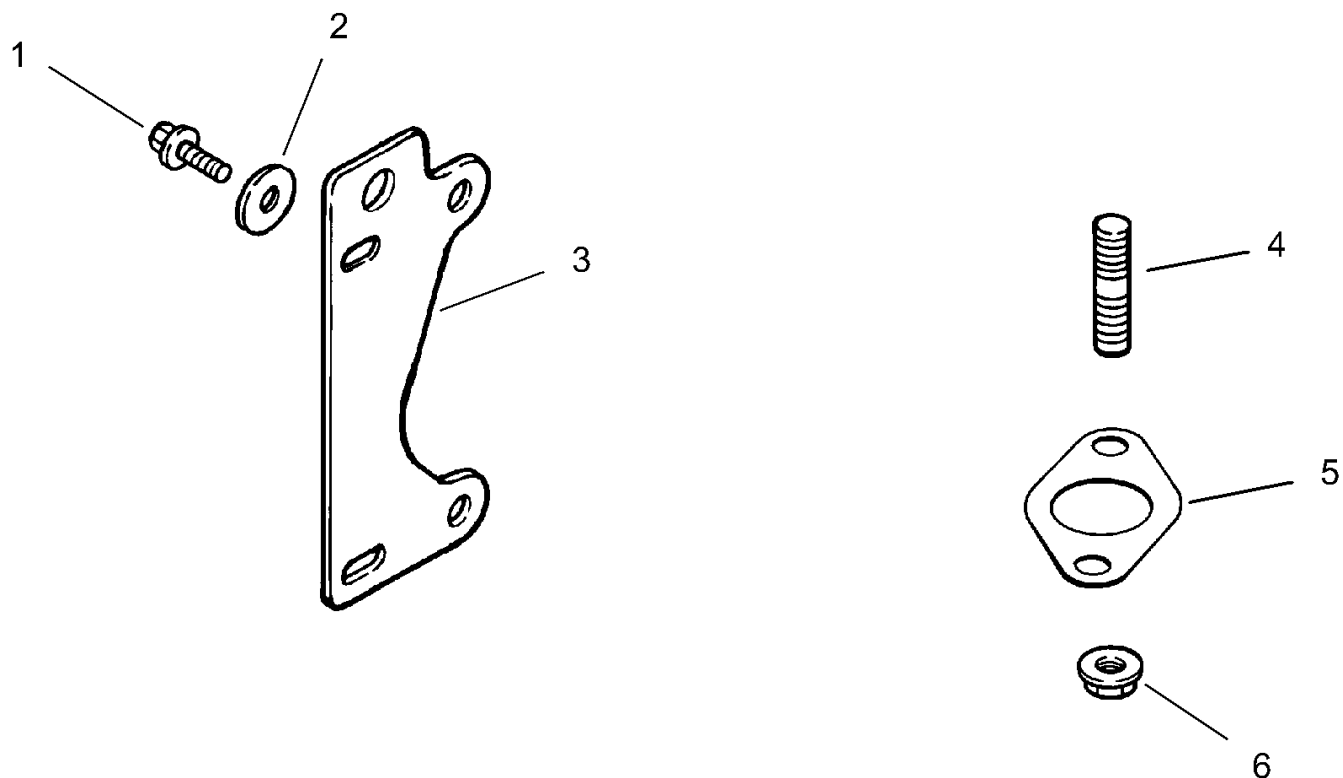
Engine Controls Assembly
Kohler CV493S-27520

Ref	Part No.	Qty.	Description				
1	12 079 11-S	1	Linkage-Choke				
2	12 237 01-S	2	Clamp-Cable				
3	M-545016-S	2	Screw-HF				
4	M-664020-S	2	Screw, M6x1.0x20				
5	12 536 02-S	1	Control, Speed Assembly (Incl. 6-8)				
6	230293-S	1	Spacer, Shim (.005)				
7	M-401030-S	1	Screw				
8	M-446030-S	1	Nut-HF				
9	52 089 07-S	1	Spring-Governor				
10	12 755 83-S	1	Kit, Governor Lever (Includes 11-13)				
11	12 100 07-S	1	Nut-HF				
12	52 211 04-S	1	Bolt-Round Hd				
13	12 090 28-S	1	Lever-Governor				
14	25 158 11-S	1	Bushing				
15	12 079 10-S	1	Linkage-Throttle				
16	25 158 08-S	1	Bushing				



Air Intake/Filtration Assembly
Kohler CV493S-27520

Ref	Part No.	Qty.	Description				
1	25 048 06-S	1	Cleaner Assembly, Air (Includes 2-6)				
2	25 096 05-S	1	Cover Assembly, Plastic Air Cleaner				
3	25 154 05-S	2	Clip				
4	24 462 07-S	1	Valve, Dust Ejector				
5	25 083 02-S	1	Element, Air-Primary				
6	25 083 03-S	1	Element, Air-Safety				
7	24 237 02-S	2	Clamp, Hose				
8	12 326 23-S	1	Hose, Air Cleaner				
9	12 054 06-S	1	Elbow Assembly				
10	12 041 02-S	1	Gasket, Air Filter				
11	M-851016-S	2	Screw, Hex. Flange				
12	12 126 94-S	1	Bracket Assembly, Air Cleaner Support				
13	25 126 01-S	1	Bracket, Air Cleaner				
❶	12 158 03-S	1	Bushing, Ignition Wire				
❶	12 113 04-S	1	Decal-Air Cleaner				



Exhaust Assembly Kohler CV493S-27520

Ref	Part No.	Qty.	Description				
1	M-645025-S	2	Screw-HF				
2	12 112 20-S	2	Spacer				
3	12 126 71-S	1	Bracket-Muffler				
4	25 072 04-S	2	Stud				
5	12 041 03-S	1	Gasket-Exhaustmanifold				
6	M-841080-S	2	Nut-HF				
❶	12 522 51	1	Short Block				
❶	12 755 93-S	1	Gasket Set				

NOTES

