Form Number 3353-616 Rev A

Z400 Z Master®
With 48in 7-Gauge Side Discharge Mower

Model No. 74412 - 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.

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

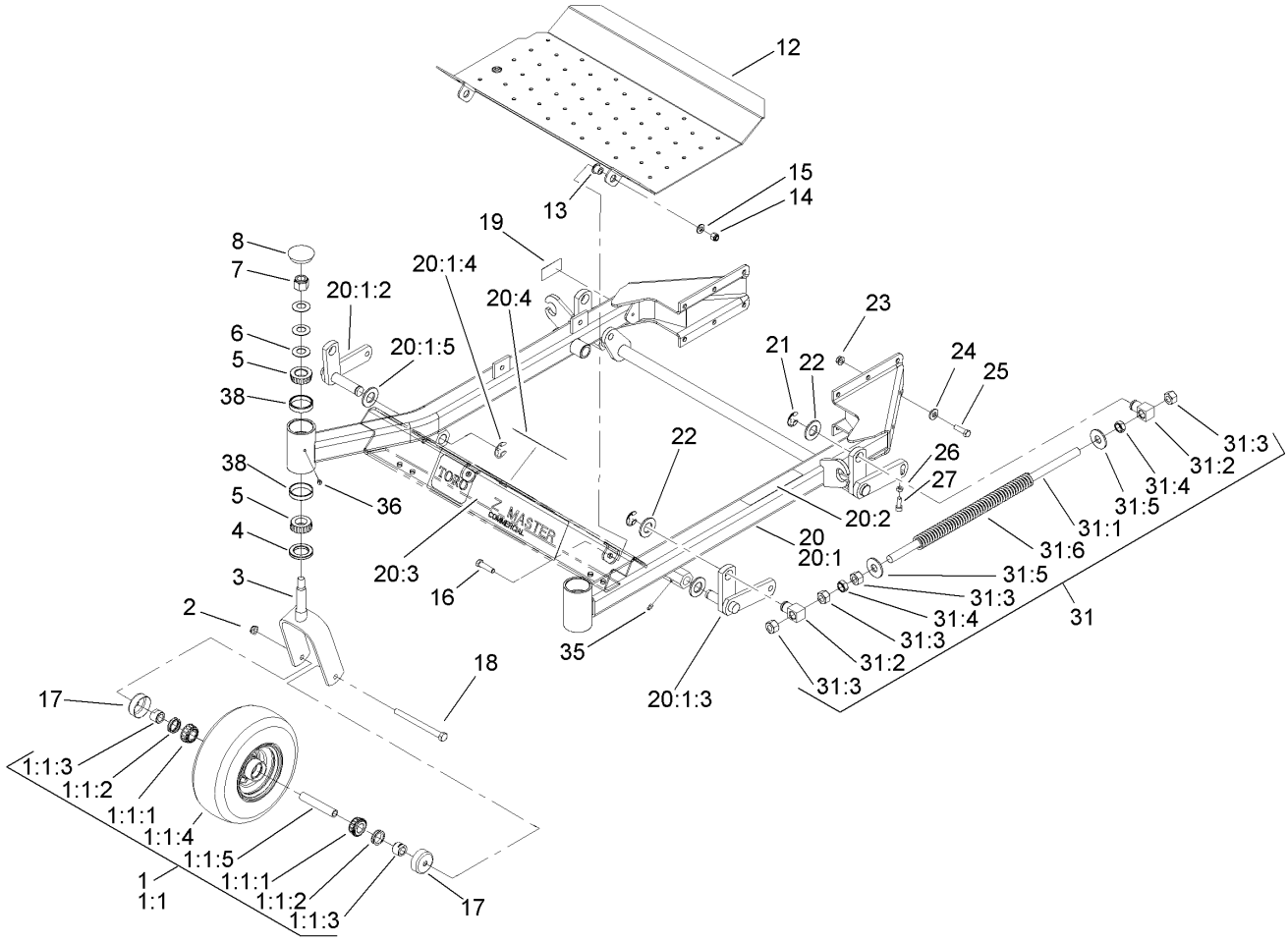
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex 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

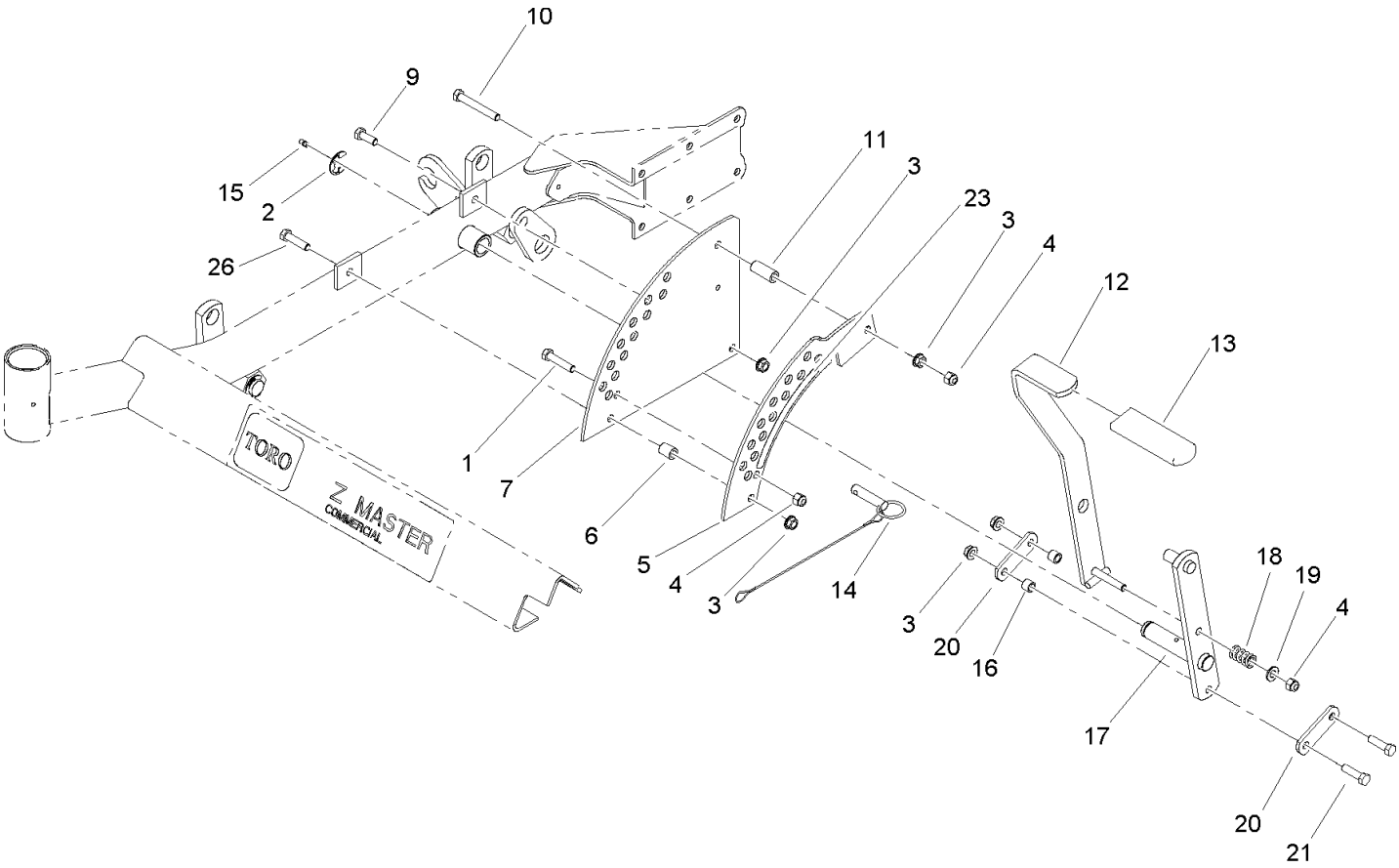
❸ Obtain from your local Kohler dealer



Front Frame Assembly

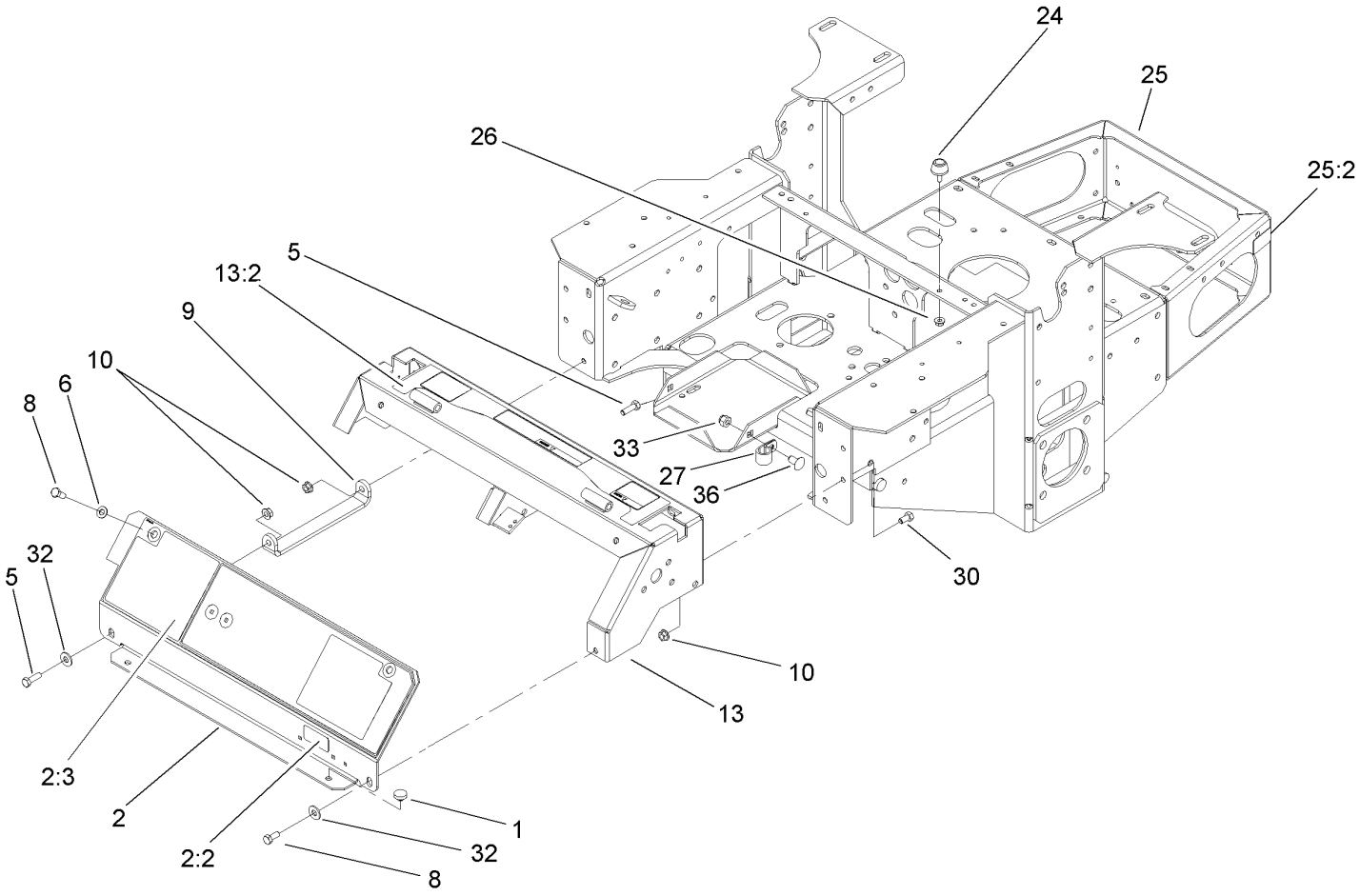
Ref	Part No.	Qty.	Description
❷1	103-3800	2	Wheel And Tire ASM
❷1:1		1	Wheel And Bearing ASM
1:1:1	1-633585	2	Bearing-Cone, Taper
1:1:2	103-0063	2	Seal-Caster
1:1:3	103-3051	2	Spacer-Nut
1:1:4	103-3151	1	Wheel And Tire ASM
1:1:5	103-3157	1	Axle-Caster
2	3296-45	2	Nut-Lock, NI
3	108-7724-01	2	Caster Fork ASM
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
12	108-5007-03	1	Floor Pan
13	86-2180	2	Bushing-Flange
14	3296-39	2	Nut-Lock, NI
15	3256-24	2	Washer-Flat
16	323-8	2	Screw-HH
17	103-2768	4	Guard-Seal
18	325-20	2	Screw-HH
19	108-5278	1	Decal
20	108-7744	1	Front Frame ASM
❷20:1		1	Frame-Front

Ref	Part No.	Qty.	Description
20:1:2	99-3872	1	RH Lift Arm ASM
20:1:3	99-3871	1	LH Lift Arm ASM
20:1:4	32151-103	2	Ring-Snap
20:1:5	3256-29	2	Washer-Flat
20:2	1-633818	1	Decal-Warning
20:3	106-9730	1	Decal
20:4	107-2112	1	Decal-Warning
21	32151-103	4	Ring-Snap
22	3256-29	4	Washer-Flat
23	3290-357	12	Nut-HHF, Whiz
24	98-5975	12	Washer-Belleville
25	323-7	12	Screw-HH
26	3218-2	2	Nut-Jam
27	3274-18	2	Screw-HSH
31	1-634439	2	Front Frame Spring ASM
31:1	1-633096	1	Rod-Lift, Deck
31:2	1-633441	2	Swivel-Deck Mount, Rear
31:3	3217-11	4	Nut-Hex
31:4	3218-6	2	Nut-Jam
31:5	3256-7	2	Washer-Flat
31:6	1-633064	1	Spring-Support, Deck
35	302-19	4	Fitting-Grease
36	302-5	2	Fitting-Grease
38	254-72	4	Bearing-Cup, Tapered



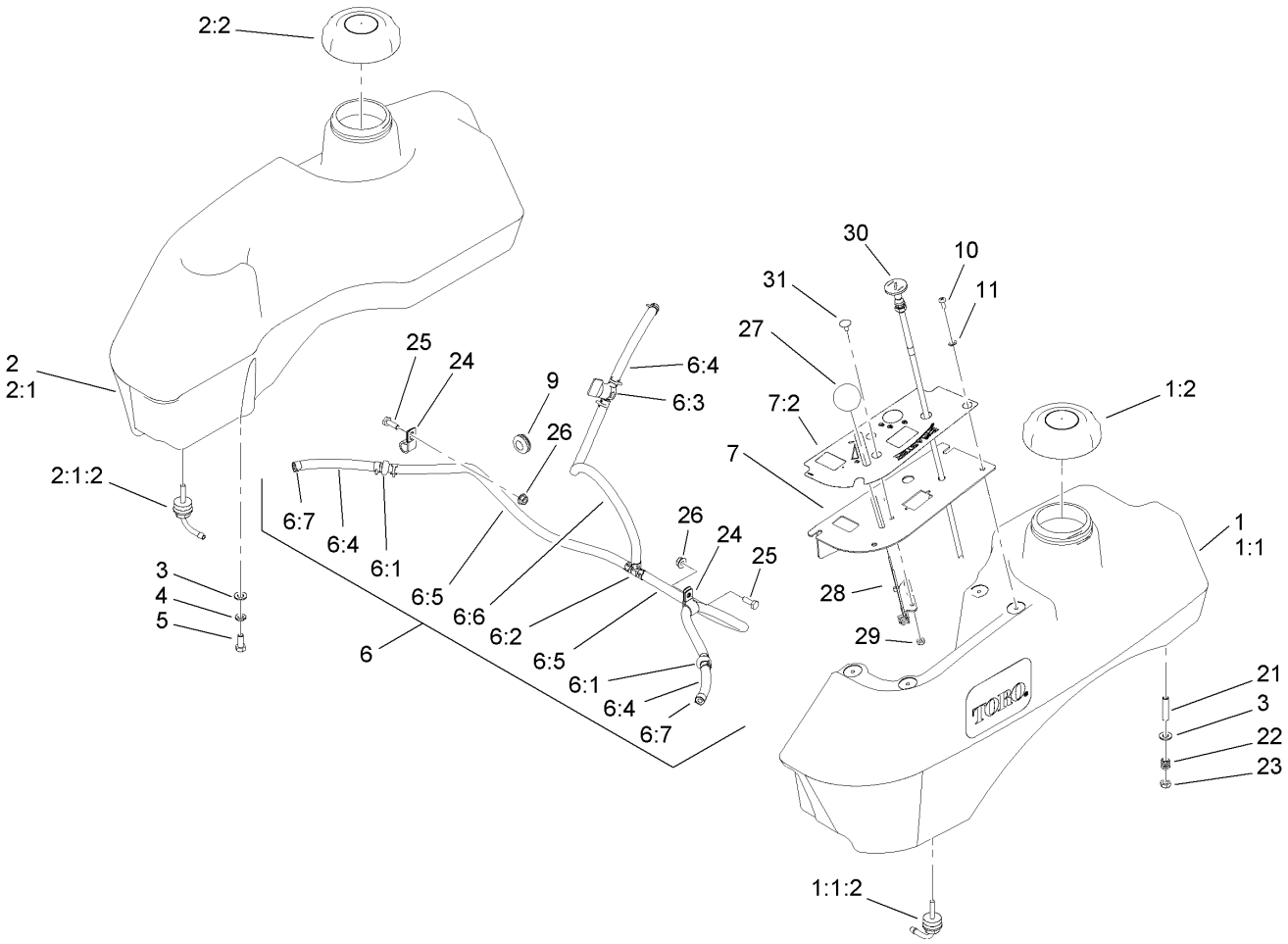
Height-of-Cut Assembly

Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	3	Nut-Lock, NI
5	108-7755-01	1	Plate-Deck Lift
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
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	106-9951	1	Hitch Pin ASM
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
23	108-1050	1	Decal-Deck Height, Inner
26	323-8	1	Screw-HH



Main Frame Assembly

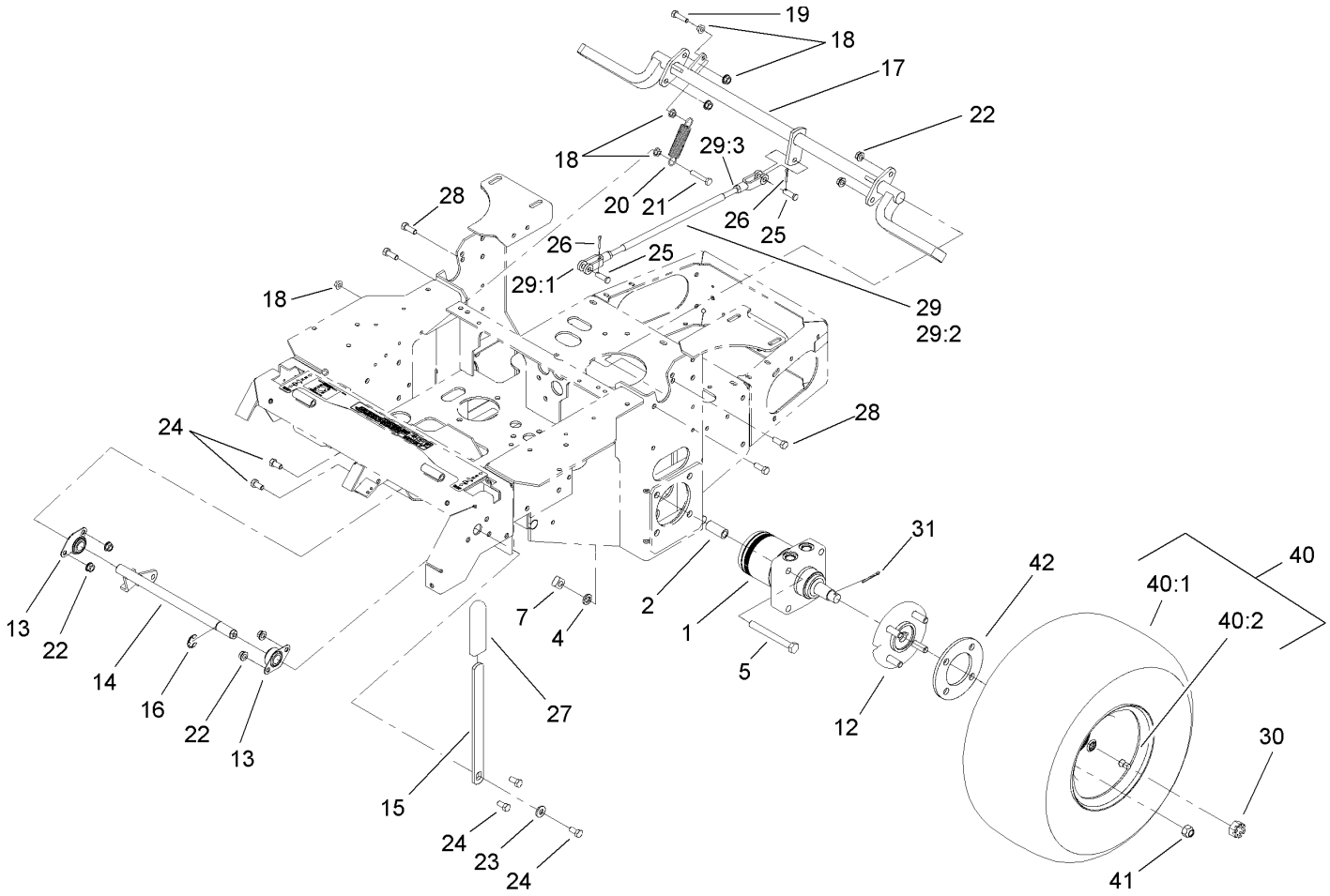
Ref	Part No.	Qty.	Description
1	1-513658	2	Bumper
2	108-1864	1	Panel ASM
2:2	98-4387	1	Decal-Protection, Ear
2:3	107-8445	1	Decal-Cover, Panel
5	322-5	2	Screw-HH
6	3256-23	2	Washer-Flat
8	322-3	3	Screw-HH
9	1-653089-03	1	Bracket
10	32128-20	6	Nut-HF
13	108-5997	1	Console ASM
13:2	108-5995	1	Decal-Warning
24	1-523420	2	Bumper
25	108-2782	1	Main Frame ASM
25:2	65-2690	1	Decal-Surface, Hot
26	32128-33	2	Nut-HF
27	1-633396	1	Clip-Loom
30	322-2	4	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	110-4165	1	LH Fuel Tank Kit ASM
❷1:1		1	LH Fuel Tank ASM
1:1:2	103-2605	1	Fitting-Fuel, Bulkhead
1:2	109-0346	1	Cap-Fuel, Gas
2	105-3639	1	RH Fuel Tank Kit ASM
❷2:1		1	RH Fuel Tank ASM
2:1:2	103-2605	1	Fitting-Fuel, Bulkhead
2:2	109-0346	1	Cap-Fuel, Gas
3	3256-23	8	Washer-Flat
4	1-805005	4	Washer-Lock
5	322-3	4	Screw-HH
❷6		1	Fuel Line ASM
6:1	99-5000	2	Valve-Check, Fuel
6:2	99-5005	1	Fitting-Tee, Barbed
6:3	1-603770	1	Valve-Fuel
6:4	109-0678	3	Hose-Fuel
6:5	110-5701	2	Hose-Fuel
6:6	109-0297	1	Hose-Fuel
6:7	1-303077	12	Clamp
7	107-2149	1	Control Panel ASM
7:2	110-0439	1	Decal-Panel, Control
9	1-543296	2	Grommet
10	1-803071	4	Screw
11	1-303435	4	Washer-Spring

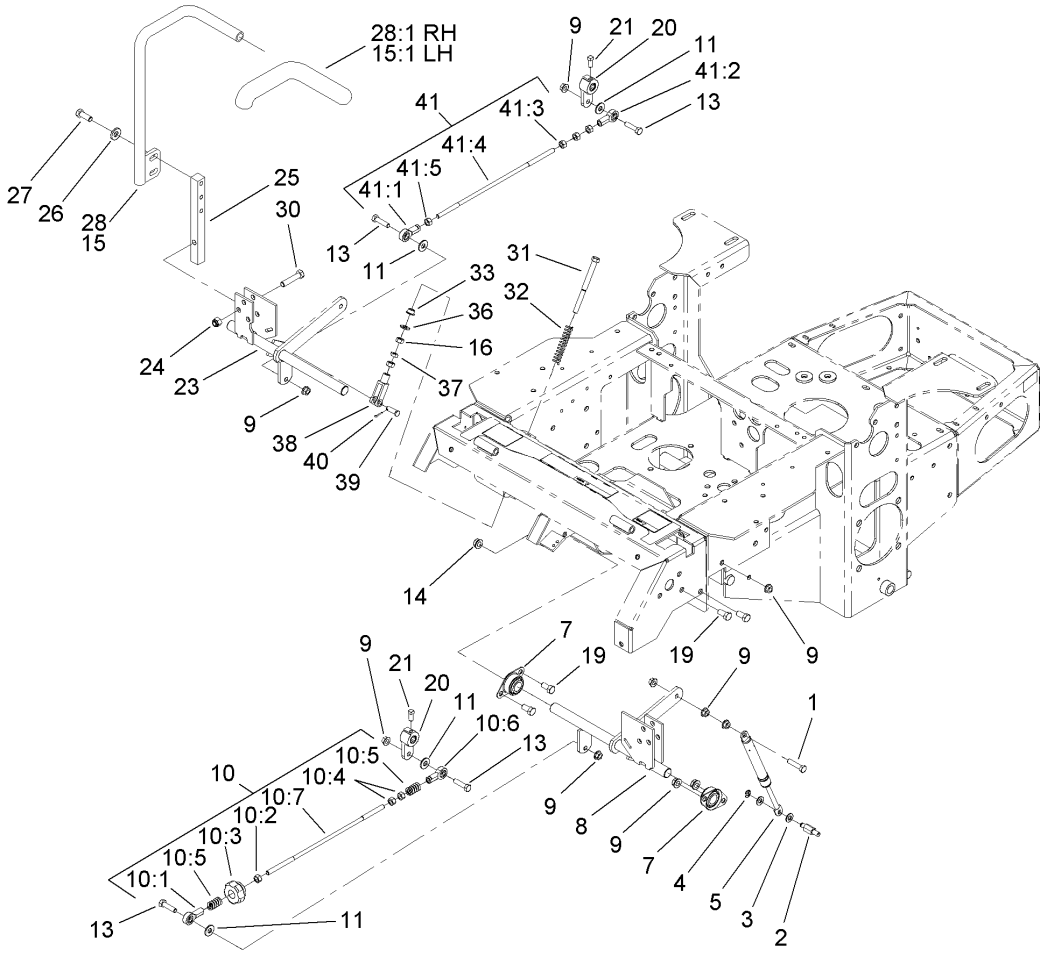
Ref	Part No.	Qty.	Description
21	1-633023	4	Stud
22	1-633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI
24	1-513762	4	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	103-4091	1	Cable-Throttle
29	3296-2	2	Nut-Lock
30	103-4090	1	Control-Choke
31	1-807513	2	Bolt-CARR



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	103-4695	2	Motor-Wheel
❶1:1	1-000119	1	Seal Kit
❶1:2	1-000138	1	Bearing Kit
2	103-4042	8	Spacer-Motor, Wheel
4	3253-7	8	Washer-Lock
5	325-18	8	Screw-HH
7	103-0131	8	Nut-Square
12	1-602997	2	Hub W/Studs
13	1-633102	2	Bearing-Flange, Side
14	103-3116	1	Shaft-Brake, Parking
15	107-9255-03	1	Handle-Brake, Parking
16	32151-48	1	E-Ring
17	103-3960-03	1	Brake
18	32128-20	4	Nut-HF
19	322-6	1	Screw-HH
20	1-323161	1	Spring-Idler
21	322-9	1	Screw-HH
22	3290-357	8	Nut-HHF, Whiz
23	98-5975	1	Washer-Belleville
24	323-4	5	Screw-HH
25	1-808285	2	Pin-Clevis
26	3272-10	2	Pin-Cotter
27	1-633268	1	Grip-Lever, Brake
28	323-6	4	Screw-HH

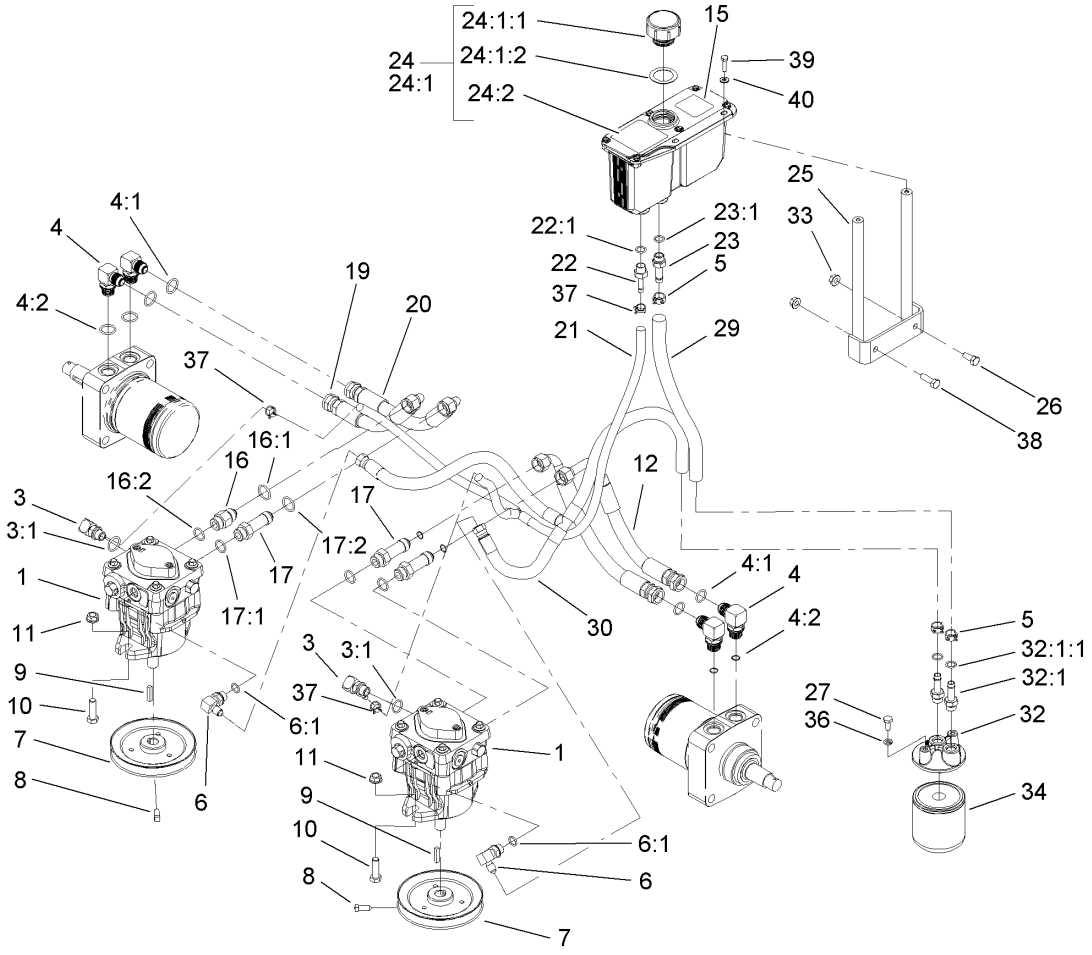
Ref	Part No.	Qty.	Description
29	103-4335	1	Brake Rod ASM
29:1	1-633131	2	Yoke-Linkage, Brake
29:2	103-3907	1	Linkage-Handle, Brake
29:3	3219-3	2	Nut-Hex
30	32136-5	2	Nut-Hex, Slotted
31	1-806800	2	Pin-Cotter
40	1-543396	2	Wheel And Tire ASM
40:1	1-543680	1	Tire
40:2	1-513042	1	Wheel
41	242-50	8	Nut-Lug
42	103-6595	2	Spacer-Wheel



Motion 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	6	Nut-HHF, Whiz
15	103-0631	1	LH Lever ASM
15:1	1-633257	1	Grip-Control, Motion
16	3219-2	4	Nut-Hex
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control

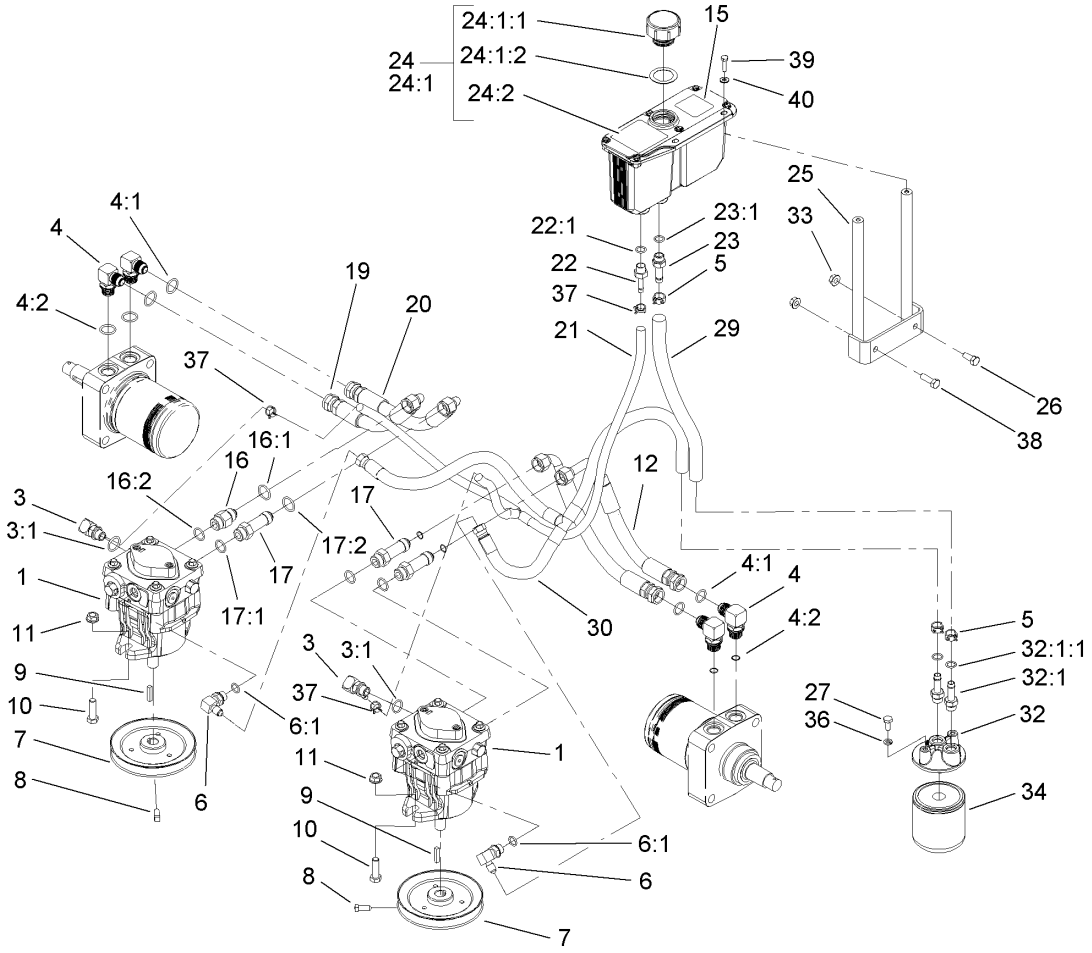
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	103-0632	1	RH Lever ASM
28:1	1-633257	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, 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-Jam
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

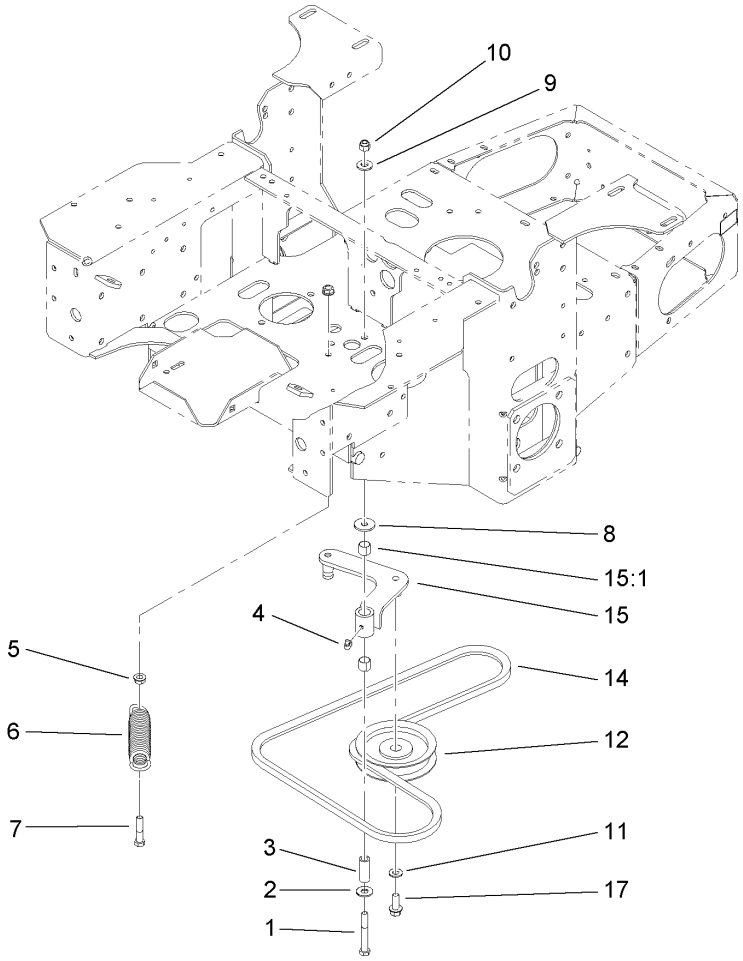
Ref	Part No.	Qty.	Description
1	103-4040	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
4	103-2153	4	Fitting-90 DEG
4:1	1-603920	1	O-Ring
4:2	1-603992	1	O-Ring
5	103-1988	3	Clamp-Hose
6	103-1802	2	Fitting-HYD, 90 DEG
6:1	1-603921	1	O-Ring
7	1-653156	2	Pulley
8	1-803050	2	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	5	Nut-HHF, Whiz
12	103-4022	1	Hose-Rear, LH
15	103-2644	1	Decal-Exhaust
16	103-4020	1	Adapter-Straight
16:1	1-603920	1	O-Ring
16:2	1-603992	1	O-Ring
17	103-1940	3	Adapter-HYD, Straight
17:1	237-79	1	O-Ring
17:2	1-603992	1	O-Ring
19	103-4021	1	Hose-Rear, RH
20	1-653187	2	Hose-Rear, RH

Ref	Part No.	Qty.	Description
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
23:1	237-42	1	O-Ring
24	103-1947	1	HYD Reservoir ASM
❷24:1		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	1-633752	1	Filter-HYD, Winter
34	1-633750	1	Filter-HYD
36	1-805004	2	Washer-Lock
37	103-1716	3	Clamp-Hose
38	322-5	1	Screw-HH



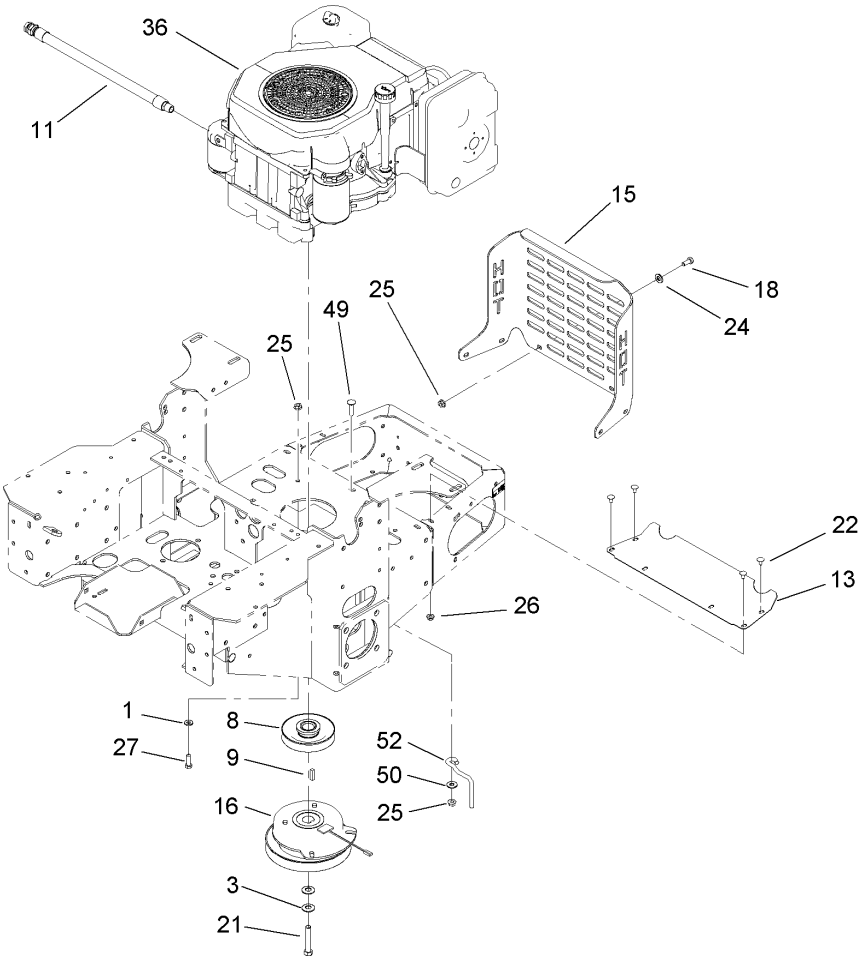
Hydraulic System Assembly (continued)

Ref	Part No.	Qty.	Description
39	321-6	2	Screw-HH
40	3256-22	2	Washer-Flat



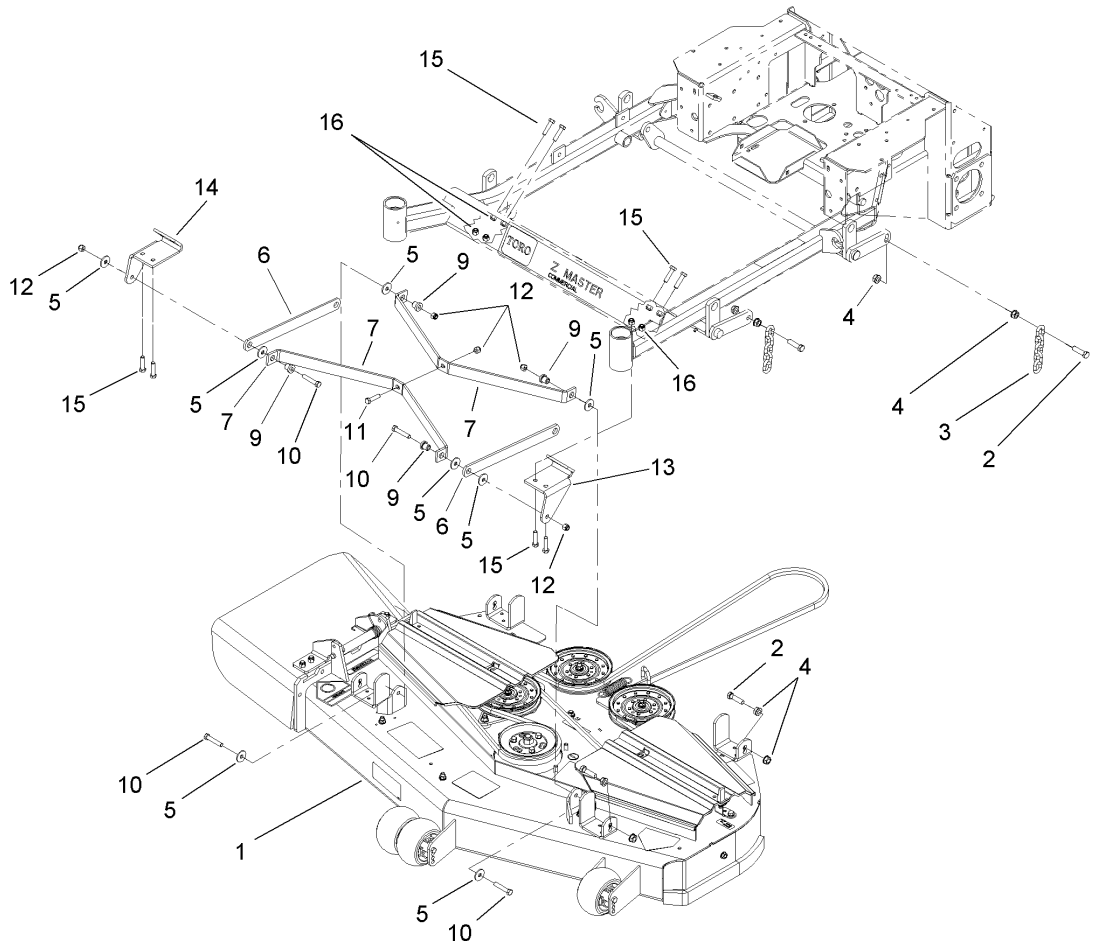
Pump Idler and Belt Assembly

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	2	Nut-HHF, Whiz
6	103-4480	1	Spring-Extension
7	323-9	1	Screw-HH
8	63-8410	1	Washer
9	98-5975	1	Washer-Belleville
10	3296-39	1	Nut-Lock, NI
11	3256-24	1	Washer-Flat
12	1-603843	1	Pulley-Idler
14	107-3959	1	Belt-Cog
15	103-4482	1	Idler Arm ASM
15:1	103-4681	2	Sleeve-Bearing
17	3234-11	1	Screw-HHF



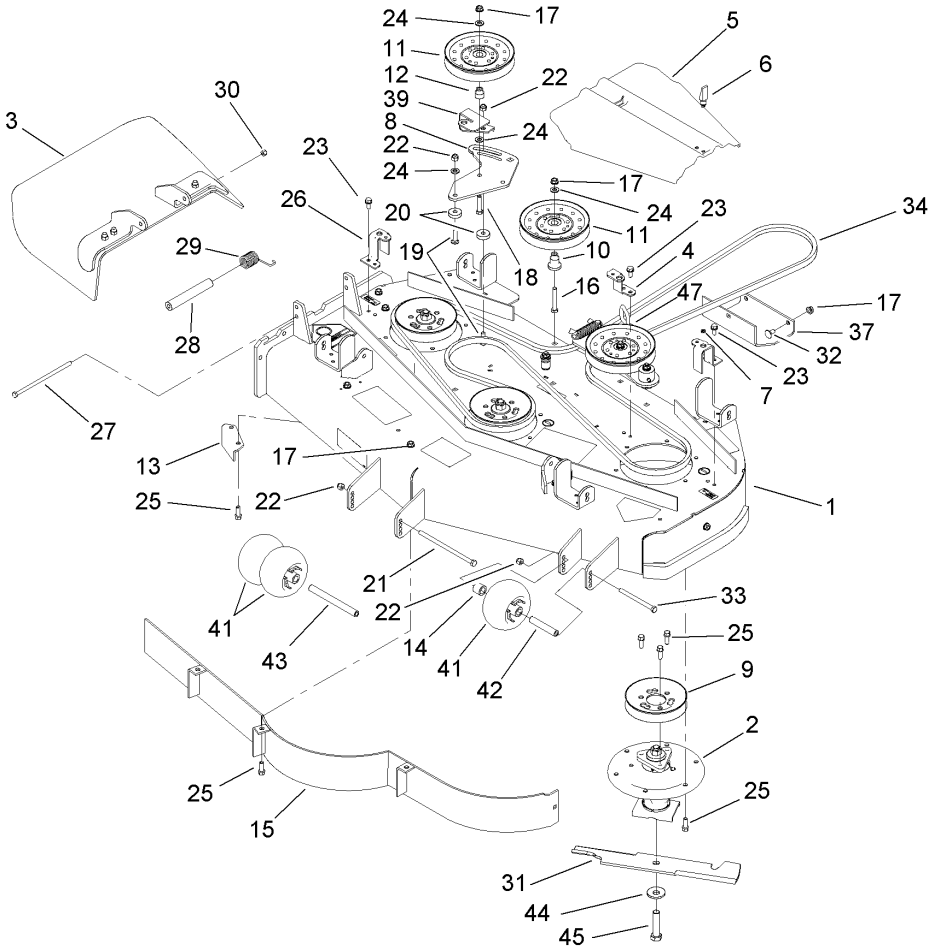
Engine and Clutch Assembly

Ref	Part No.	Qty.	Description
1	1-303334	4	Washer-Spring
3	1-603610	2	Washer-Spring
8	1-653035	1	Pulley
9	1-807259	1	Key
11	109-0876	1	Oil Drain Hose ASM
13	103-2740-03	1	Deflector-Short
15	103-4048-03	1	Bumper-Rear
16	104-3624	1	Clutch
18	322-3	6	Screw-HH
21	3212-10	1	Screw-HH
22	3229-10	4	Screw-CARR
24	3256-24	6	Washer-Flat
25	32128-20	7	Nut-HF
26	32128-33	4	Nut-HF
27	33114-025	4	Screw-HH
❷❸36		1	Engine-Kohler, Cv493S-27528
49	3230-3	1	Screw-CARR
50	3256-3	1	Washer-Flat
52	108-1058	1	Rod-Belt



Deck Mounting Assembly

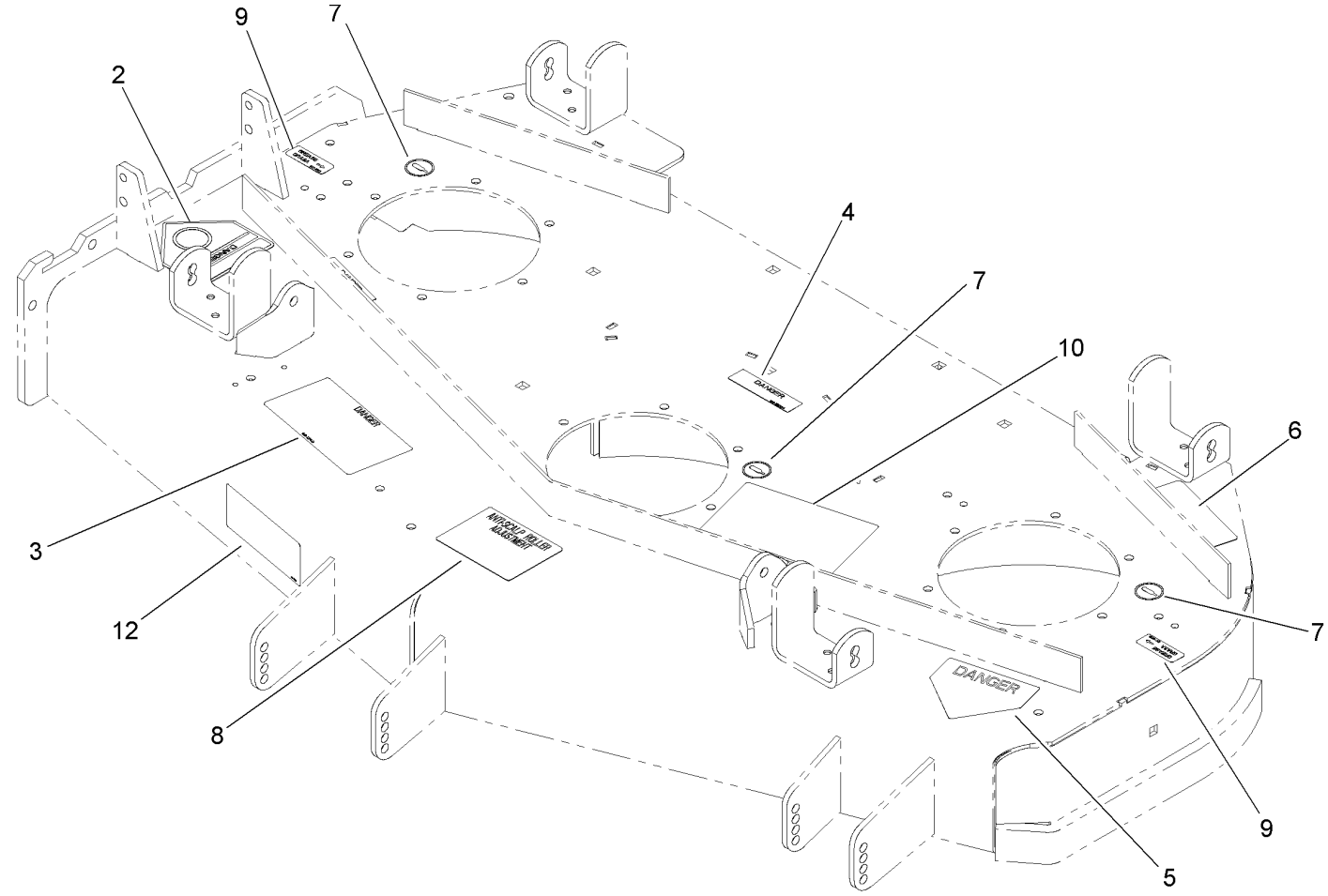
Ref	Part No.	Qty.	Description
1	107-1667	1	Deck ASM
2	103-1898	8	Screw-HH
3	1-633447	4	Chain-Lift, Deck
4	32128-37	16	Nut-HF
5	63-8410	8	Washer
6	107-1698-01	2	Strut-Flat
7	108-2168-01	2	Brace-Cross
9	65-5950	4	Bushing-Pulley
10	323-10	4	Screw-HH
11	323-8	1	Screw-HH
12	3296-39	6	Nut-Lock, NI
13	108-2164-01	1	Plate-Pull, LH
14	108-2165-01	1	Plate-Pull, RH
15	323-6	8	Screw-HH
16	3290-357	8	Nut-HHF, Whiz



Deck Assembly No. 107-1667

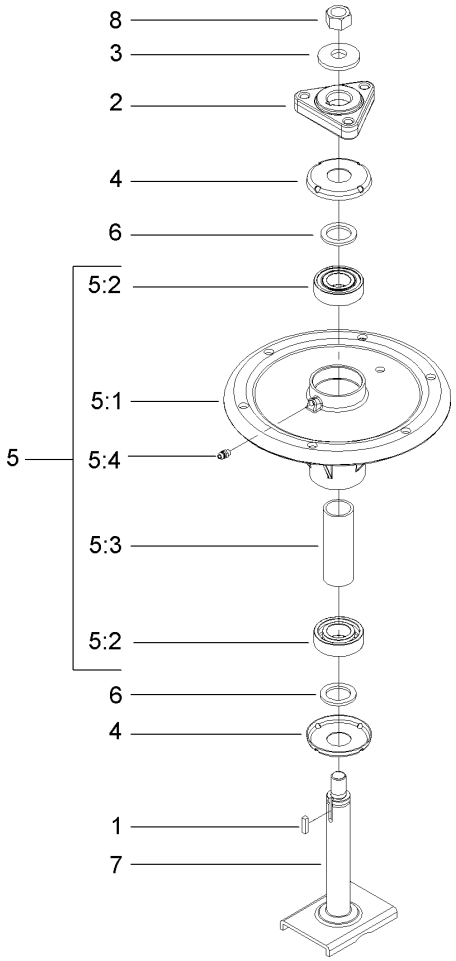
Ref	Part No.	Qty.	Description
1	107-1666	1	Deck Decal ASM
2	107-8504	3	Spindle ASM
3	108-7770	1	Rubber Deflector ASM
4	108-2177-01	1	Bracket-Cover, Tall
5	107-8536	2	Cover-Belt
6	74-5950	2	Latch-Swell
7	99-3058	2	Washer
8	107-8516-01	1	Plate-Idler
9	107-1684	3	Pulley
10	106-3214	1	Mount-Pulley
11	1-633109	2	Idler-Flat
12	1-603496	1	Bushing-Idler
13	107-8541-01	1	Baffle-Discharge
14	98-7913	1	Tube-Spacer
15	108-2187-01	1	Baffle ASM
16	323-12	1	Screw-HH
17	3290-357	32	Nut-HHF, Whiz
18	323-9	1	Screw-HH
19	3231-4	2	Screw-CARR
20	105-7788	2	Spacer
21	323-28	1	Screw-HH
22	3296-39	4	Nut-Lock, NI
23	32144-70	3	Screw-HH
24	3256-24	4	Washer-Flat

Ref	Part No.	Qty.	Description
25	92-1624	32	Screw
26	108-4121-01	2	Bracket-Cover
27	322-50	2	Screw-HH
28	105-4622	1	Spacer
29	108-4052	1	Spring-Torsion
30	3296-29	1	Nut-Lock, NI
31	107-3192-03	3	Blade-Rotary, 16.5In High Flow
32	3231-1	7	Screw-CARR
33	323-23	1	Screw-HH
34	106-7369	1	Belt-V
37	107-3166-01	1	Skid
39	108-2228-01	1	Bracket-Cover
41	1-603299	3	Roller-Scalp, Anti
42	98-7912	1	Tube-Spanner
43	98-5967	1	Spacer-Wheel
44	103-0865	3	Washer-Blade Bolt, Heavy
45	103-0862	3	Screw-Cap
❷47		1	Spring Idler ASM



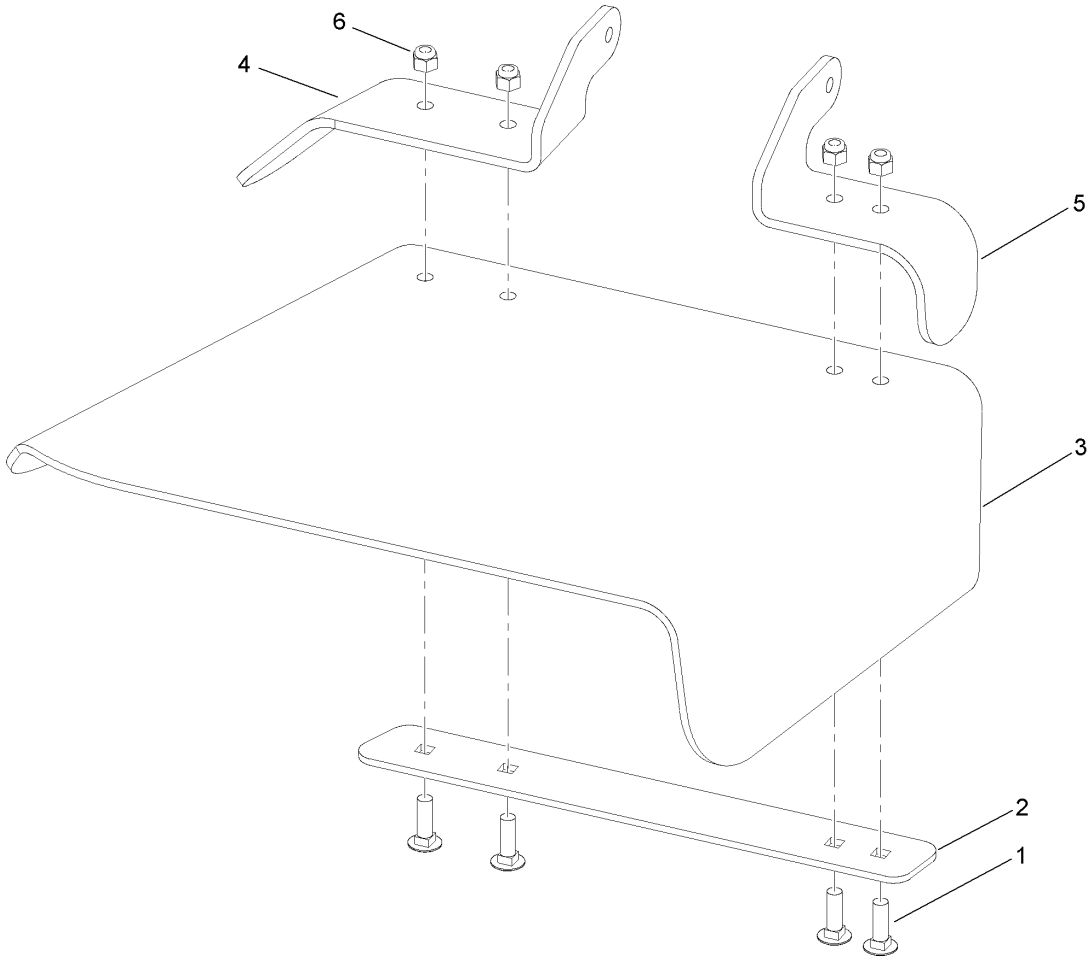
Deck Decal Assembly No. 107-1666

Ref	Part No.	Qty.	Description
2	54-9220	1	Decal-Danger
3	66-1340	1	Decal-Danger
4	98-5954	3	Decal-Missing, Cover
5	1-403005	1	Decal-Danger
6	68-8340	1	Decal-Torque
7	58-6520	3	Decal-Grease
8	105-7798	1	Decal-Scalp, Anti
9	107-1613	3	Decal-Grease
10	107-1687	1	Decal-Aid, Service
12	107-1695	1	Decal



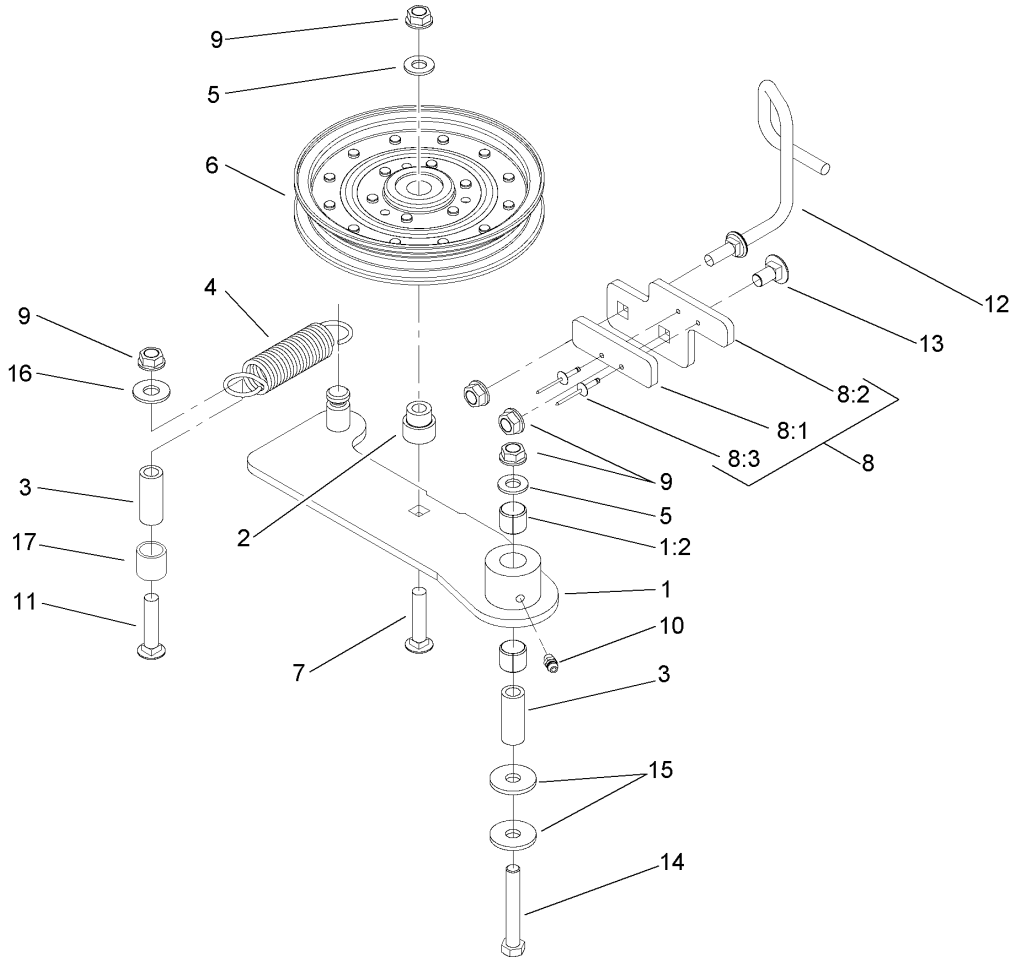
Spindle Assembly No. 107-8504

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
❷5		1	Spindle Bearing ASM
5:1	106-3211	1	Housing-Spindle
5:2	113514	2	Bearing-Ball
5:3	107-8502	1	Spacer-Bearing
5:4	302-5	1	Fitting-Grease
6	3-8514	2	Washer-Thrust
7	107-8501	1	Spindle ASM
8	3219-6	1	Nut-Hex



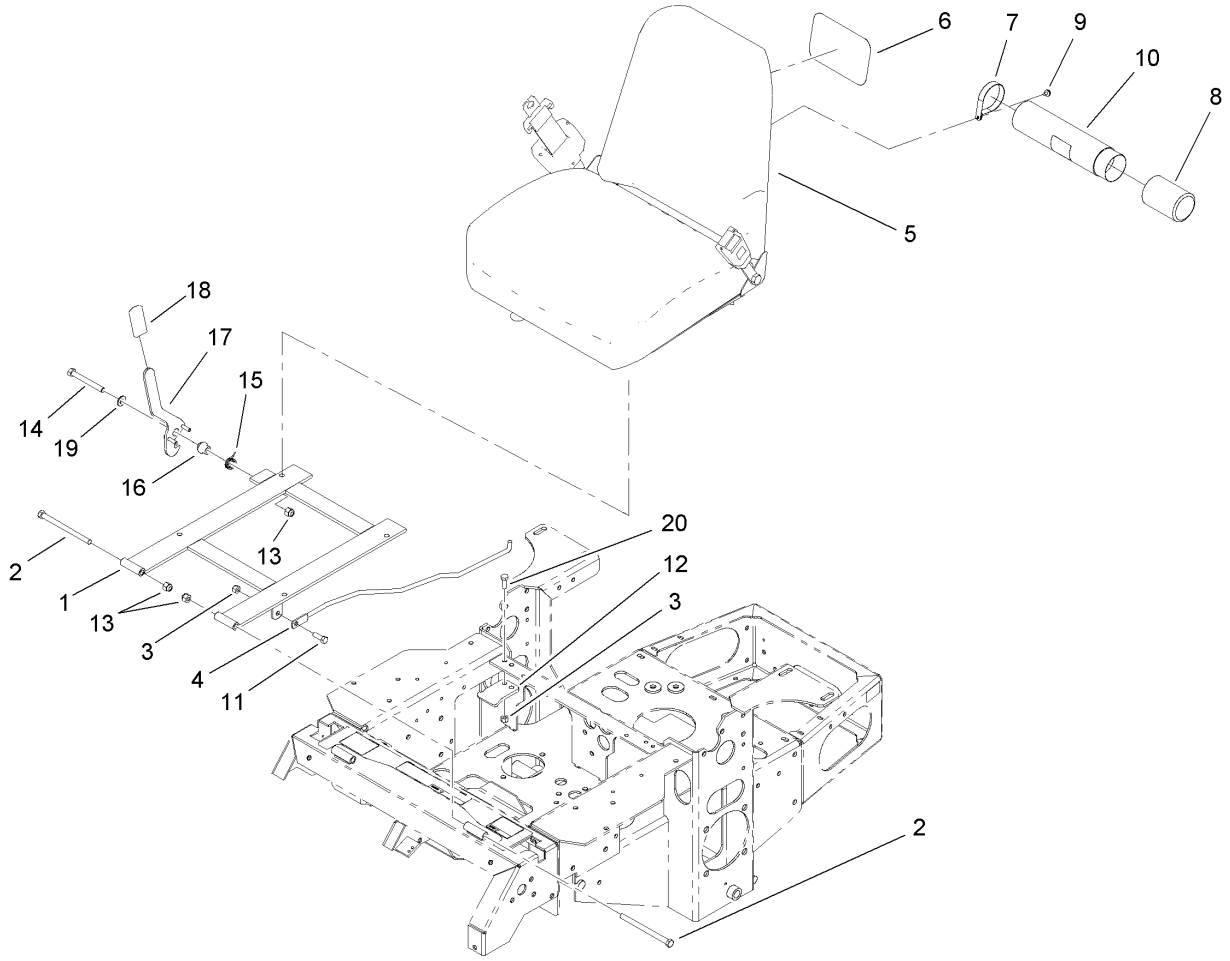
Rubber Deflector Assembly No. 108-7770

Ref	Part No.	Qty.	Description
1	3231-25	4	Screw-CARR
2	106-3248-03	1	Strap-Discharge
3	108-5029	1	Deflector-Rubber
4	108-7767-03	1	Bracket-Hinge, Rear
5	108-7766-03	1	Bracket-Hinge, Front
6	3296-39	4	Nut-Lock, NI



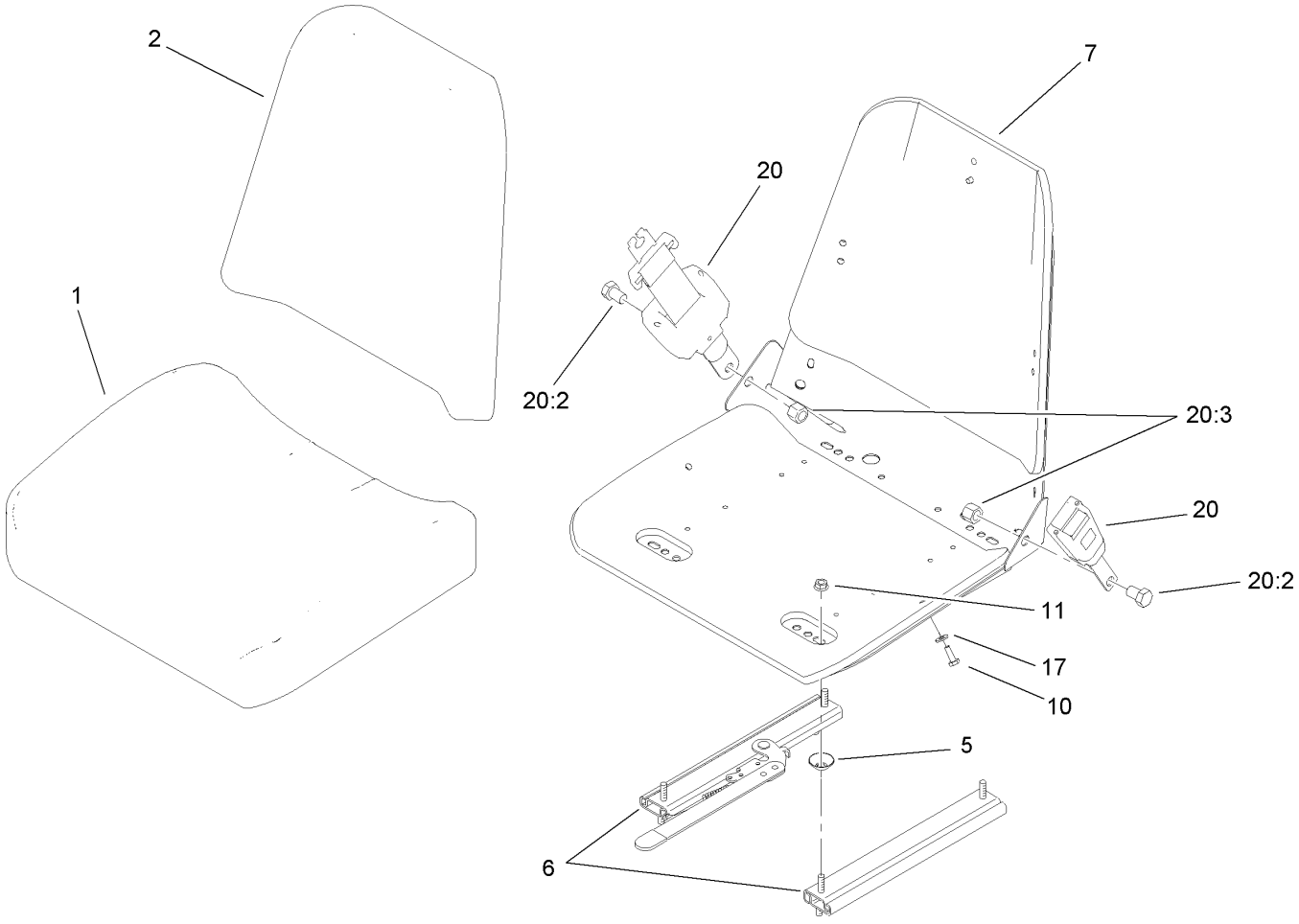
Idler Assembly

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	1-603044	2	Bushing
4	108-4056	1	Spring-Extension
5	3256-24	2	Washer-Flat
6	1-633109	1	Idler-Flat
7	3231-6	1	Screw-CARR
❷8		1	Stop Pad ASM
8:1	106-3229	1	Pad-Bumper
8:2	107-1697-01	1	Plate-Stop
8:3	3269-24	2	Rivet
9	3290-357	5	Nut-HHF, Whiz
10	302-5	1	Fitting-Grease
11	3231-31	1	Screw-CARR
12	108-4072	1	Guide-Belt
13	3231-1	1	Screw-CARR
14	323-12	1	Screw-HH
15	2844	2	Washer
16	3256-4	1	Washer-Flat
17	108-4063	1	Spacer-Rubber



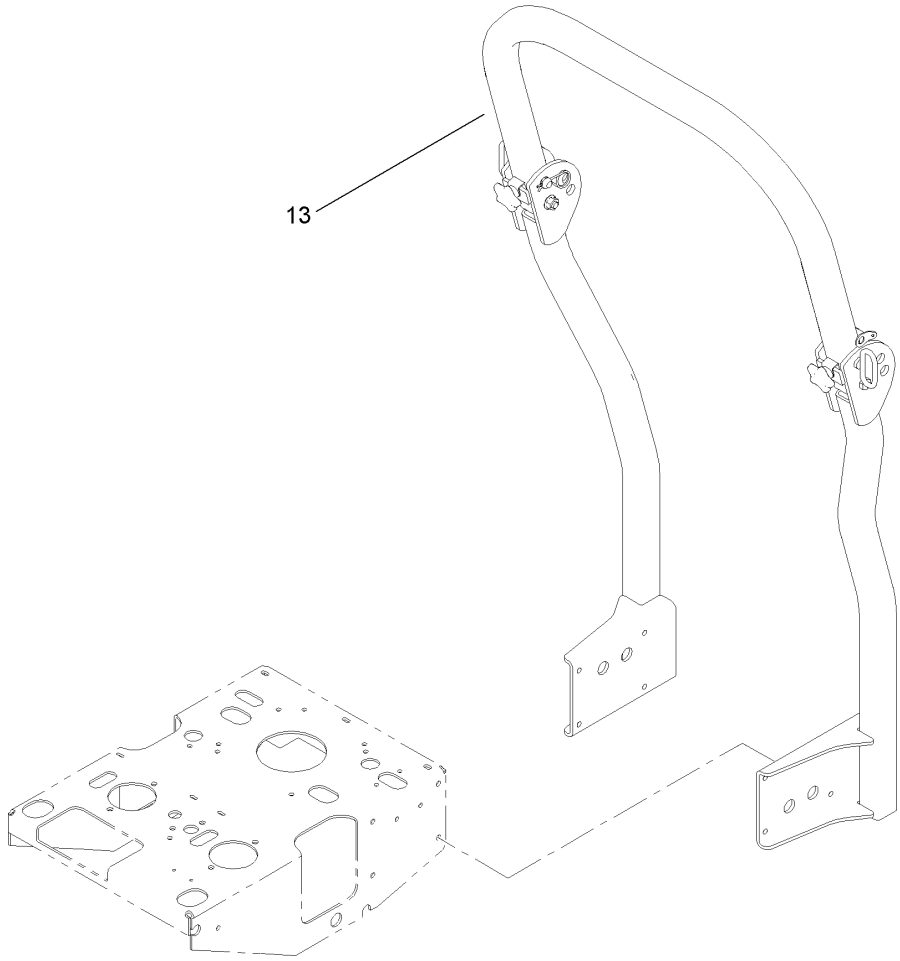
Seat and Bracket Assembly

Ref	Part No.	Qty.	Description
1	107-3052-03	1	Seat Support Frame ASM
2	323-39	2	Screw-HH
3	3296-29	3	Nut-Lock, NI
4	103-1731	1	Rod-Retainer, Seat
5	110-0443	1	Seat ASM
6	99-4693	1	Decal
7	2412-120	2	R-Clamp
8	104-7048	1	Cap-Housing
9	32104-76	2	Screw
10	104-7050	1	Housing-Manual
11	322-5	1	Screw-HH
12	103-5961	1	Catch-Latch, Seat
13	3296-39	3	Nut-Lock, NI
14	323-20	1	Screw-HH
15	107-0076	1	Spring-Torsion
16	107-0075	1	Bushing-Latch, Seat
17	107-3083	1	Latch ASM
18	103-4434	1	Grip-Lever
19	3256-24	1	Washer-Flat
20	322-4	2	Screw-HH



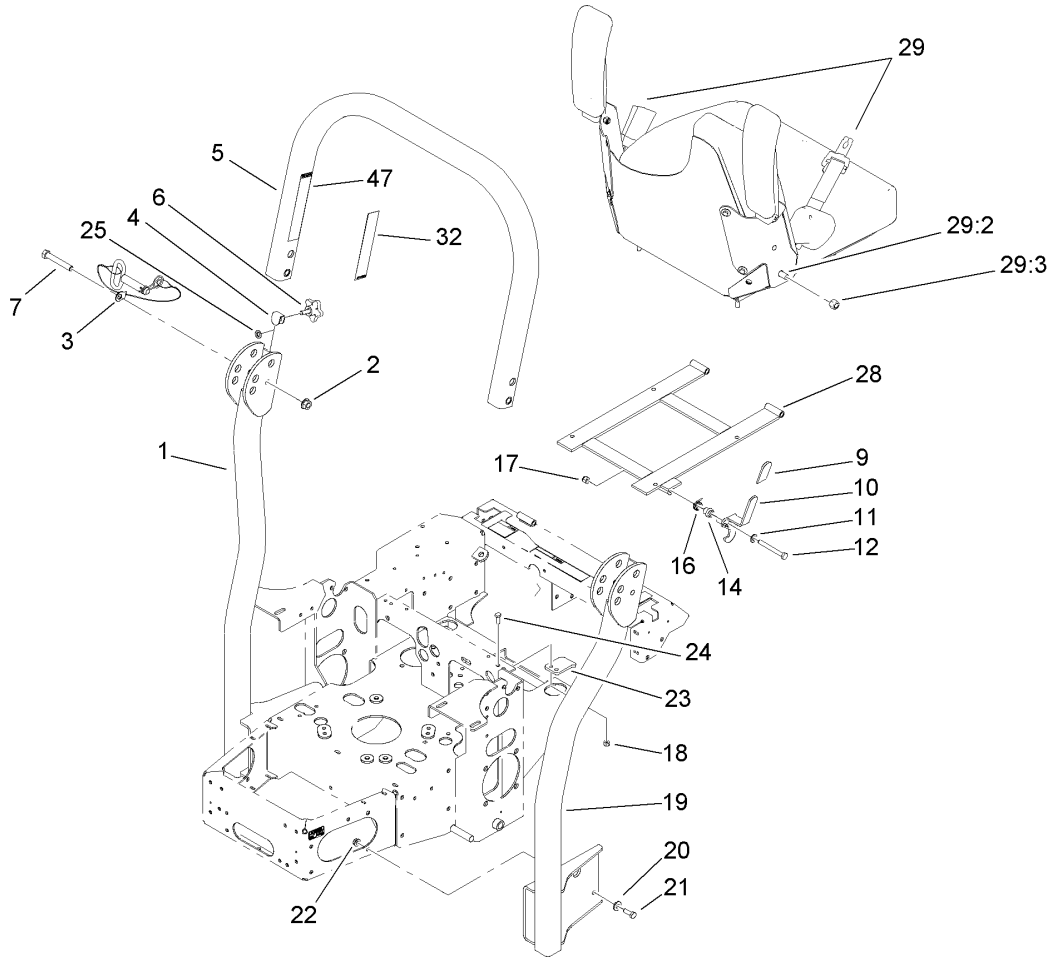
Seat Assembly No. 110-0443

Ref	Part No.	Qty.	Description
1	103-0290	1	Cushion-Seat, Bottom
2	104-7754	1	Cushion-Seat, Back
5	1-543401	4	Spacer-Track
6	1-643255	1	Track-Seat
7	1-633859	1	Frame-Seat
10	321-4	5	Screw-HH
11	32128-20	4	Nut-HF
17	3256-22	5	Washer-Flat
20	110-0883	1	Retractable Seatbelt Kit
20:2	3212-4	2	Screw-HH
20:3	3296-7	2	Nut-Lock



Roll-Over-Protection-System Assembly

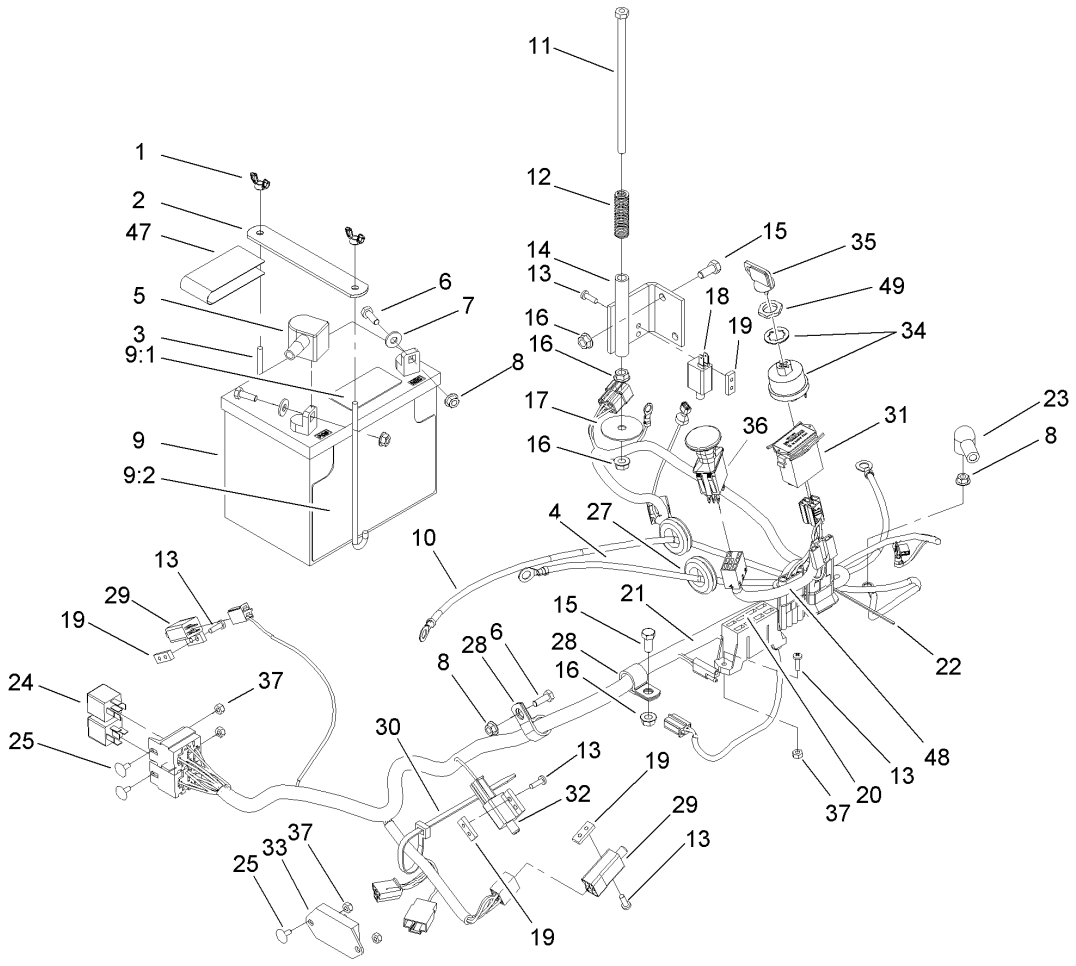
Ref	Part No.	Qty.	Description
13	107-8093	1	ROPS ASM



Roll-Over-Protection-System Assembly No. 107-8093

Ref	Part No.	Qty.	Description
❷1		1	LH Tube Support ASM
2	32128-23	2	Nut-HF
3	103-4553	2	ROPS Fold Pin ASM
4	107-3124	2	Clip
❷5		1	Upper Tube ASM
6	106-0887	2	Knob
7	325-13	2	Screw-HH
9	103-4434	1	Grip-Lever
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
❷19		1	RH Tube Support ASM
20	98-5975	8	Washer-Belleville
21	323-6	8	Screw-HH
22	3290-357	8	Nut-HHF, Whiz
23	107-3059	1	Catch-Latch, Seat
24	322-4	2	Screw-HH
25	107-3154	2	Nut-Push
28	107-3052-03	1	Seat Support Frame ASM
29	110-0883	1	Retractable Seatbelt Kit

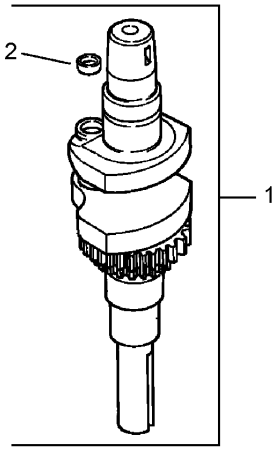
Ref	Part No.	Qty.	Description
29:2	3212-4	2	Screw-HH
29:3	3296-7	2	Nut-Lock
32	107-3069	1	Decal-Warning, Folding ROPS (Ce)
47	107-2102	1	Decal-Warning, Folding ROPS



Electrical System Assembly

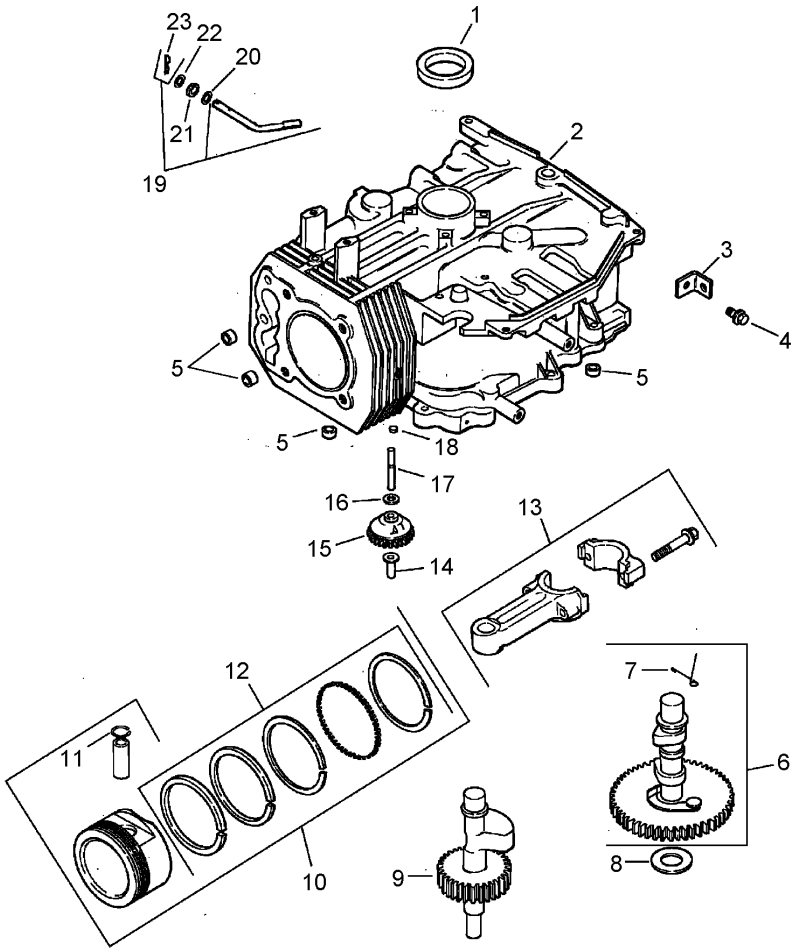
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	107-9277-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	1-543767	1	Wire-Ground
5	1-543391	1	Insulator-Battery
6	321-4	3	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	3	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	1	Decal-Battery
10	1-523281	1	Wire-Starter
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	1-803075	10	Screw-Head, Truss
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-Blade Type, 20 Amp
21	107-8053	1	Harness-Electrical
22	1-303287	3	Tie-Plastic

Ref	Part No.	Qty.	Description
23	1-543393	1	Insulator-Solenoid
24	1-643275	2	Relay
25	1-807513	4	Bolt-CARR
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	103-0206	1	Switch-Starting, Key
35	63-8360	2	Key-Ignition
36	103-5221	1	Switch-PTO
37	3296-2	6	Nut-Lock
47	107-9309	1	Decal-Instructions, Charging
48	107-8054	1	Harness-Electrical, Control Panel
49	103-0498	1	Nut-Switch, Ignition



Crankshaft Assembly
Kohler CV493S 27528

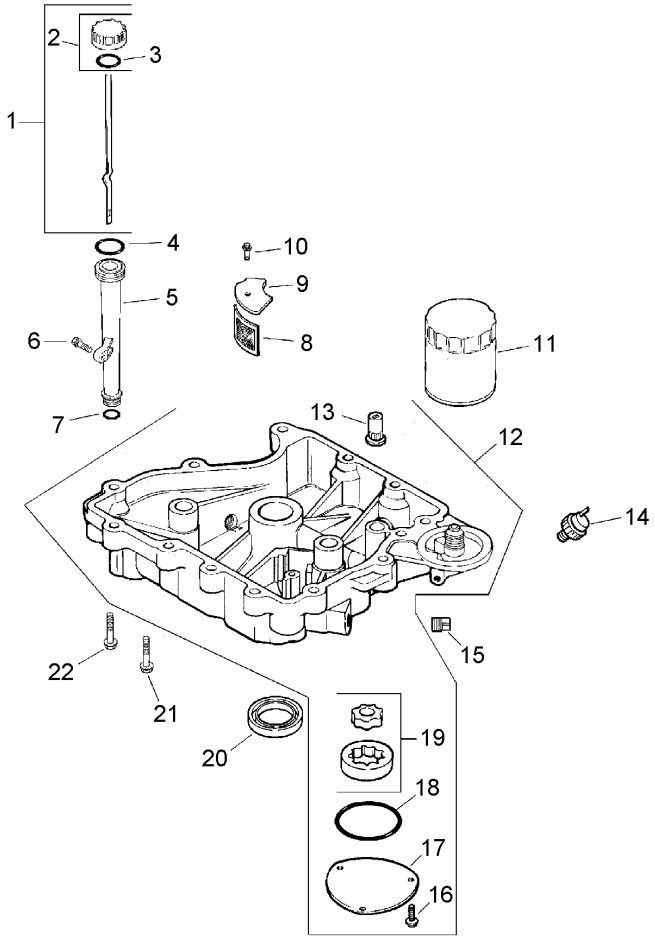
Ref	Part No.	Qty.	Description
❸1	12 014 61-S	1	Crankshaft (Incl. Ref. No. 2)
❸2	25 139 27-S	1	Plug-Cup



Crankcase Assembly
Kohler CV493S 27528

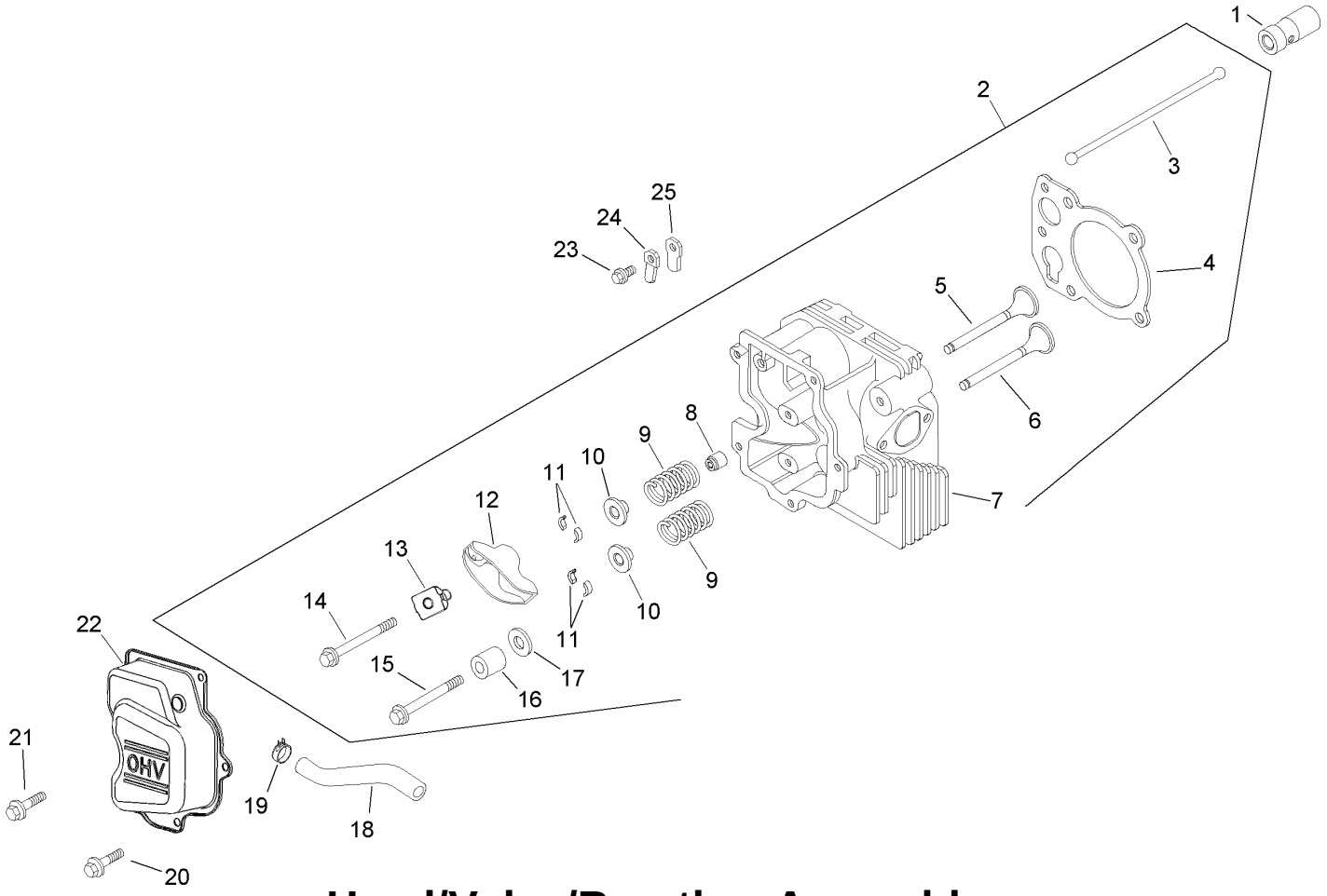
Ref	Part No.	Qty.	Description
❸1	12 032 03-S	1	Seal-Oil
❷❸2		1	Crankcase (Use Short Block Or Miniblock)
❸3	12 445 02-S	1	Strap-Lifting
❸4	M-839025-S	1	Screw-HF (M8X1.25X25)
❸5	24 380 13-S	4	Pin-Locating
❸6	12 010 30-S	1	Camshaft ASM (Incl. Ref. No. 7)
❸7	12 089 37-S	1	Spring-Actuating
❸8	12 422 08-S	1	Shim-Camshaft, Blue
❸8	12 422 09-S	1	Shim-Camshaft, Red
❸8	12 422 10-S	1	Shim-Camshaft, Yellow
❸8	12 422 11-S	1	Shim-Camshaft, Green
❸8	12 422 12-S	1	Shim-Camshaft, Gray
❸8	12 422 13-S	1	Shim-Camshaft, Black
❸8	12 422 07-S	1	Shim-Camshaft, White
❸9	12 144 28-S	1	Shaft-Balance
❸10	12 874 07-S	1	Piston W/Ring Set (STD) (Incl. Ref. No. 11 And 12)
❸10	12 874 11-S	1	Piston W/Ring Set (.08)
❸10	12 874 08-S	1	Piston W/Ring Set (.25)
❸10	12 874 09-S	1	Piston W/Ring Set (.50)
❸11	12 018 02-S	2	Retainer-Pin, Piston
❸12	12 108 07-S	2	Ring Set (STD. And .08)
❸12	12 108 08-S	2	Ring Set (.25)

Ref	Part No.	Qty.	Description
❸12	12 108 09-S	2	Ring Set (.50)
❸13	12 067 11-S	1	Rod-Connecting (STD)
❸13	12 067 12-S	1	Rod-Connecting (.25)
❸14	12 380 01-S	1	Pin-Regulating, Governor
❸15	12 043 05-S	1	Gear-Governor
❸16	M-631005-S	1	Washer-Plain (6Mm)
❸17	12 144 02-S	1	Shaft-Gear, Governor
❸18	52 139 09-S	1	Plug-Cup
❸19	12 755 64-S	1	Governor Cross Shaft Kit (Incl. Ref. No. 23)
❸20	X-25-102-S	1	Washer-Plain (1/4In)
❸21	12 032 01-S	1	Seal-Cross Shaft, Governor
❸22	M-631015-S	1	Washer-Plain (6Mm)
❸23	12 154 05-S	1	Clip-Pin, Hitch



Oil Pan/Lubrication Assembly
Kohler CV493S 27528

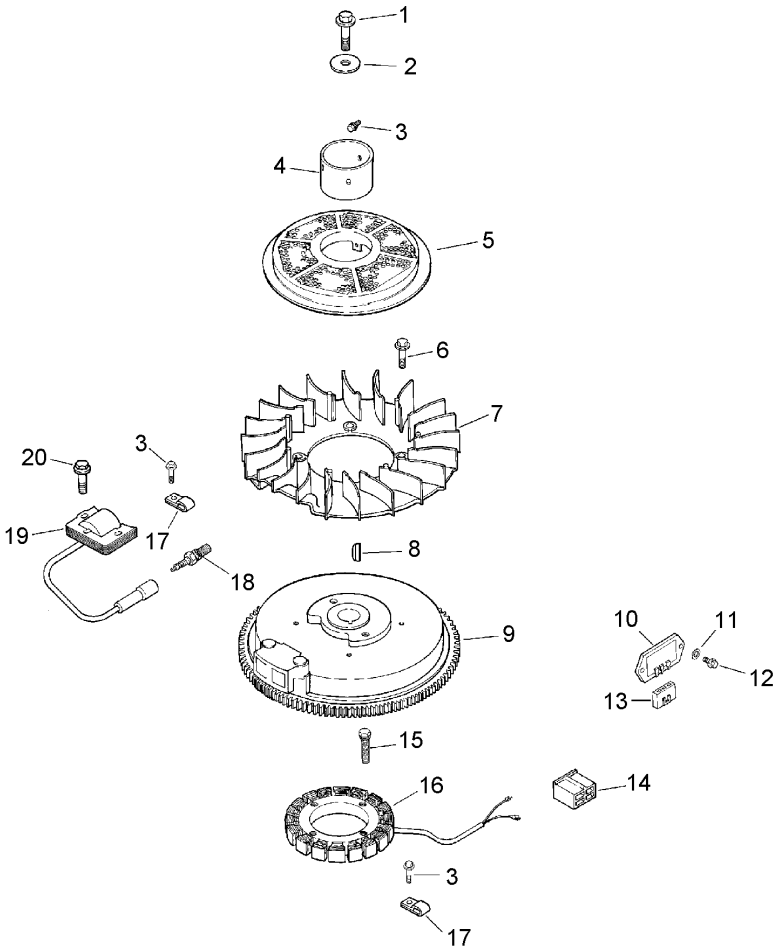
Ref	Part No.	Qty.	Description
❸1	12 038 01-S	1	Dipstick (Incl. Ref. No. 2 And 3)
❸2	25 755 13-S	1	Oil Fill Cap (Incl. Ref. No. 3)
❸3	25 153 02-S	1	O-Ring
❸4	12 153 02-S	1	O-Ring
❸5	12 123 04-S	1	Tube-Fill, Oil
❸6	M-545020-S	1	Screw-HF (M5X0.8X20)
❸7	12 153 01-S	1	O-Ring
❸8	25 162 07-S	1	Screen-Pickup, Oil
❸9	12 096 03-S	1	Cover-Screen, Oil Pickup
❸10	M-545016-S	1	Screw-HF (M5X0.8X16)
❸11	12 050 01-S	1	Filter-Oil
❸12	12 199 50-S	1	Oil Pan ASM (Incl. Ref. No. 13, 16-19)
❸13	25 462 09-S	1	Valve-Relief, Oil Pressure
❸14	24 099 03-S	1	Switch-Pressure
❸15	25 139 57-S	2	Plug-SQH (3/8In NPTF)
❸16	M-545016-S	3	Screw-HF (M5X0.8X16)
❸17	12 096 34-S	1	Cover-Pump, Oil
❸18	12 153 06-S	1	O-Ring (Oil Pump Cover)
❸19	12 393 01-S	1	Oil Pump ASM
❸20	12 032 03-S	1	Seal-Oil
❸21	24 086 16-S	11	Screw-HF (M8X1.25X45)
❸22	24 086 17-S	1	Screw-HF (M8X1.25X45)



Head/Valve/Breather Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❸1	25 351 01-S	2	Lifter-Valve
❸2	12 755 101-S	1	Cylinder Head Kit (Incl. Ref. No. 3-17)
❸3	12 411 05-S	2	Rod-Push
❸4	12 041 10-S	1	Gasket-Head, Cylinder
❸5	12 017 01-S	1	Valve-Intake (STD)
❸6	12 016 01-S	1	Valve-Exhaust (STD)
❸7	12 318 51-S	1	Head-Cylinder
❸8	66 032 05-S	2	Seal-Stem, Valve
❸9	12 089 34-S	2	Spring-Valve
❸10	12 173 01-S	2	Cap-Spring, Valve
❸11	12 755 03-S	1	Retainer Kit
❸12	25 186 01-S	2	Arm-Rocker
❸13	12 599 03-S	2	Pivot-Arm, Rocker
❸14	M-645016-S	3	Screw-HF (M6X1.0X16)
❸15	M-640034-S	2	Screw-HF (M6X1.0X34)
❸16	12 112 16-S	2	Spacer
❸17	12 468 05-S	1	Washer-Plain (13/32In)
❸18	12 326 18-S	1	Hose-Breather
❸19	25 237 14-S	1	Clamp
❸20	20 086 02-S	4	Screw-HF (M10X1.5X81)
❸21	12 086 16-S	1	Screw-HF, Reduced
❸22	12 096 47-S	1	Cover-Valve
❸23	M-545010-S	1	Screw-HF (M5X0.8X10)

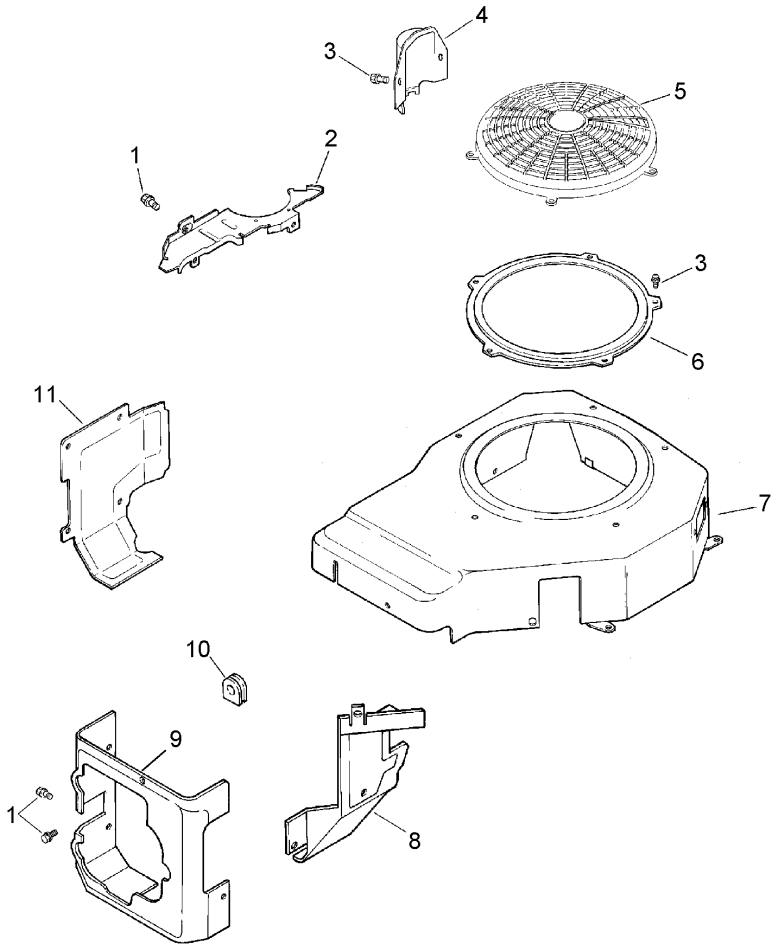
Ref	Part No.	Qty.	Description
❸24	66 018 04-S	1	Retainer-Reed, Breather
❸25	12 402 02-S	1	Reed-Breather
❶❸	12 017 02-S	1	Valve-Intake (.25)
❶❸	12 016 02-S	1	Valve-Exhaust (.25)
❶❸	12 041 01-S	2	Gasket-Carburetor
❶❸	12 041 02-S	1	Gasket-Cleaner, Air
❶❸	12 041 03-S	1	Gasket-Manifold, Exhaust



Ignition/Electrical Assembly
Kohler CV493S 27528

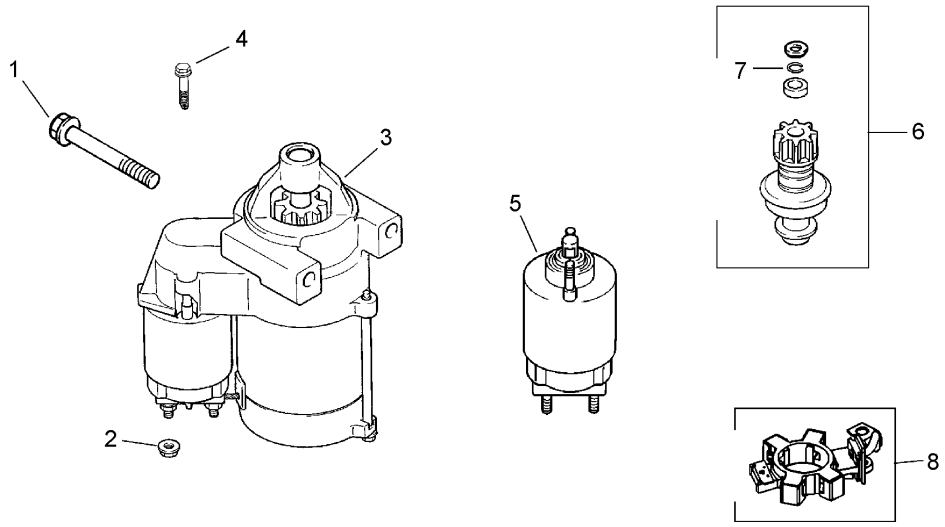
Ref	Part No.	Qty.	Description
❸1	12 086 14-S	1	Screw-HF (M10X1.5X46)
❸2	12 468 03-S	1	Washer-Plain (3/8In)
❸3	M-545010-S	5	Screw-HF (M5X0.8X10)
❸4	12 109 03-S	1	Cup-Mounting, Screen
❸5	12 162 09-S	1	Screen-Grass
❸6	25 086 47-S	4	Bolt-Shoulder (M6X1.0X16)
❸7	12 157 03-S	1	Fan
❸8	X-42-15-S	1	Key
❸9	12 025 56-S	1	Flywheel
❸10	41 403 09-S	1	Rectifier-Regulator
❸11	X-25-5-S	1	Washer-Steel
❸12	M-639016-S	1	Screw-HF (M6X1.0X16)
❸13	236602-S	1	Connector
❸14	41 155 02-S	1	Connector (5 Contact)
❸15	M-548025-S	2	Screw (M5X0.8X25)
❸16	237878-S	1	Stator Kit (Includes Terminal 25 452 01-S)
❸17	X-728-1-S	2	Clip
❸18	12 132 02-S	1	Spark Plug
❸19	12 584 04-S	1	Module-Ignition
❸20	M-545020-S	2	Screw-HF (M5X0.8X20)
❶❸	12 126 96-S	1	Bracket-Strap, Ground
❶❸	25 452 01-S	1	Terminal
❶❸	25 518 05-S	1	Lead

Ref	Part No.	Qty.	Description
❶❸	12 518 01-S	1	Lead



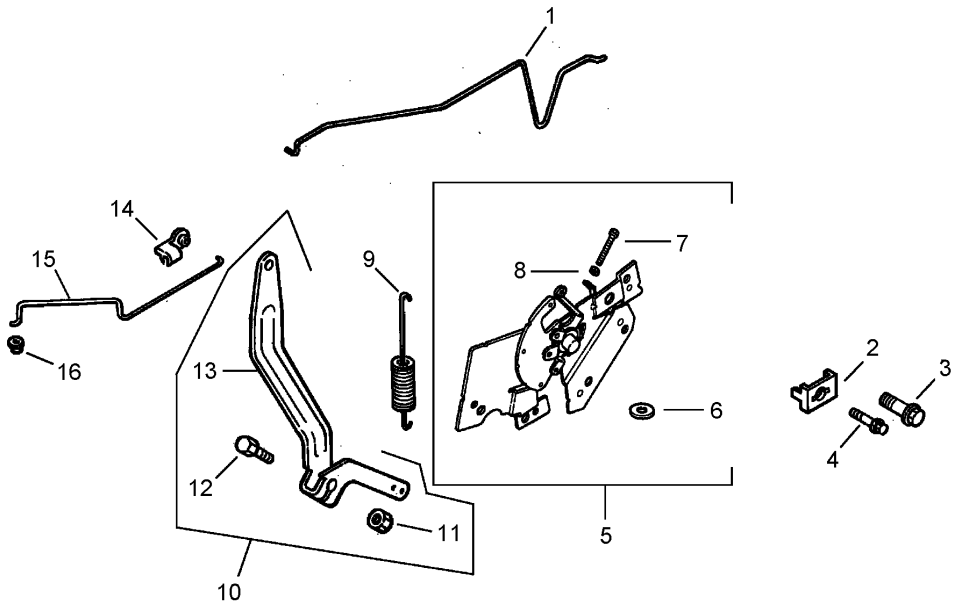
Blower Housing and Baffle Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❸1	M-545010-S	6	Screw-HF (M5X0.8X10)
❸2	12 146 07-S	1	Plate-Housing, Blower
❸3	M-550010-S	11	Screw-HF (M5X0.8X10)
❸4	12 096 33-S	1	Cover-Starter
❸5	12 314 07-S	1	Guard-Stylized
❸6	12 314 10-S	1	Guard-Screen, Grass
❸7	12 027 53-S	1	Housing-Blower
❸8	12 063 18-S	1	Baffle (Intake Side)
❸9	12 063 20-S	1	Baffle (Cylinder Head)
❸10	12 313 03-S	1	Grommet-Spark Plug
❸11	12 063 19-S	1	Baffle-Cylinder
❶❸	M-545016-S	1	Screw-HF (M5X0.8X16)
❶❸	M-561016-S	1	Screw
❶❸	24 113 18-S	1	Decal-Screen, Grass
❶❸	12 113 125-S	1	Decal-18Hp
❶❸	25 113 39-S	1	Decal-Lamination, Clear



Starting System Assembly
Kohler CV493S 27528

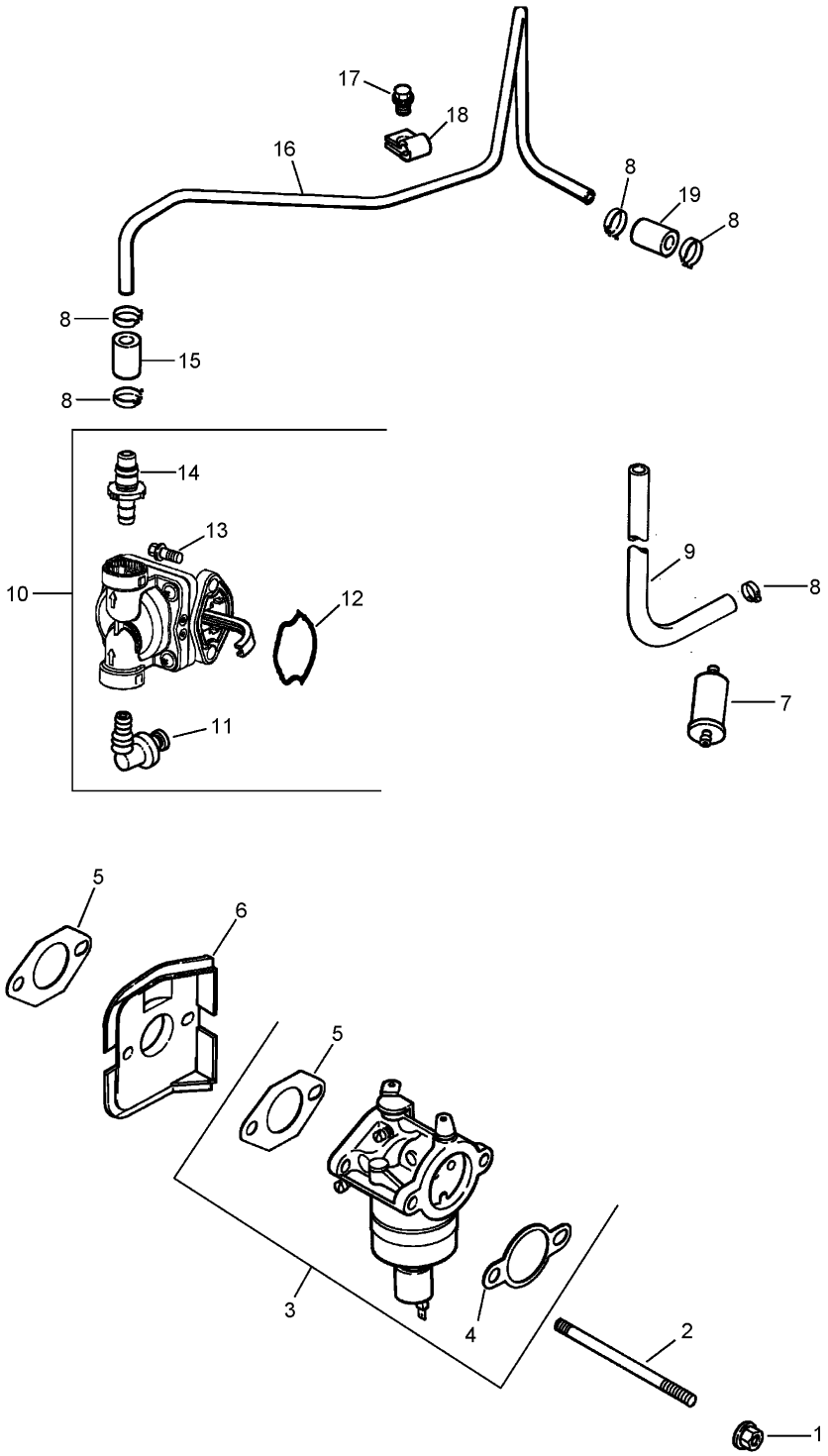
Ref	Part No.	Qty.	Description
❸1	M-839080-S	2	Screw-HF (M8X1.25X80)
❸2	M-841080-S	1	Nut-HF (M8X1.25)
❸3	25 098 09-S	1	Starter ASM (Incl. Ref. No. 4-8)
❸4	25 086 113-S	3	Screw-Torx Head, External
❸5	25 435 05-S	1	Solenoid Kit (Incl. Ref. No. 4)
❸6	25 755 33-S	1	Pinion Drive Kit (Incl. Ref. No. 7)
❸7	25 141 05-S	1	Ring
❸8	25 221 01-S	1	Brush Kit



Engine Control Assembly
Kohler CV493S 27528

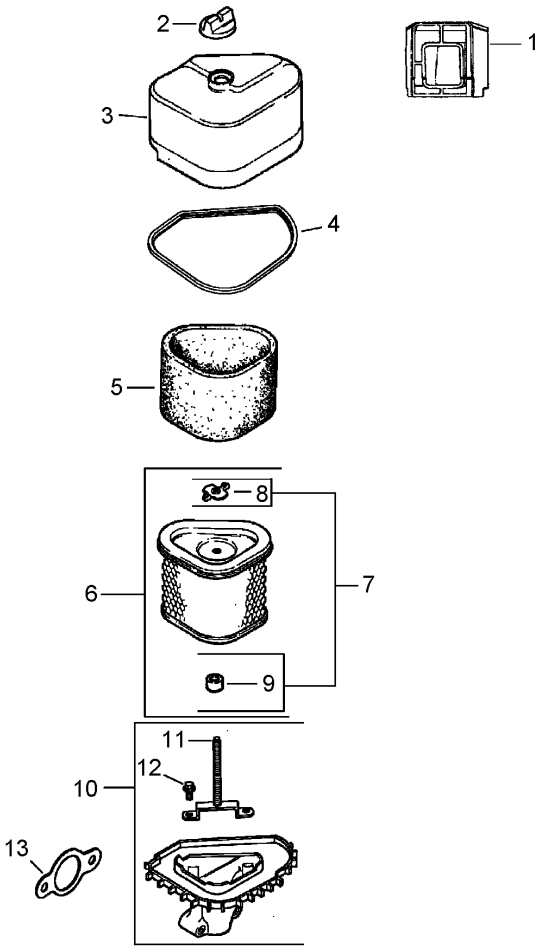
Ref	Part No.	Qty.	Description
❸1	12 079 11-S	1	Linkage-Choke
❸2	12 237 01-S	2	Clamp-Cable
❸3	M-545016-S	2	Screw-HF (M5X0.8X16)
❸4	M-664020-S	2	Screw-Socket, Lobed (M6X1.0X20)
❸5	12 536 02-S	1	Speed Control ASM (Incl. Ref. No. 6-8)
❸6	230293-S	1	Spacer-Shim
❸7	M-401030-S	1	Screw (M4X0.7X30)
❸8	M-446030-S	1	Nut-HF (M4X0.7)
❸9	52 089 07-S	1	Spring-Governor
❸10	12 755 83-S	1	Governor Lever Kit (Incl. Ref. No. 11-13)
❸11	12 100 07-S	1	Nut-HF
❸12	52 211 04-S	1	Screw
❸13	12 090 28-S	1	Lever-Governor
❸14	25 158 11-S	1	Bushing-Retaining, Linkage
❸15	12 079 10-S	1	Linkage-Throttle
❸16	25 158 08-S	1	Bushing-Retaining, Linkage

Fuel System Assembly
Kohler CV493S 27528



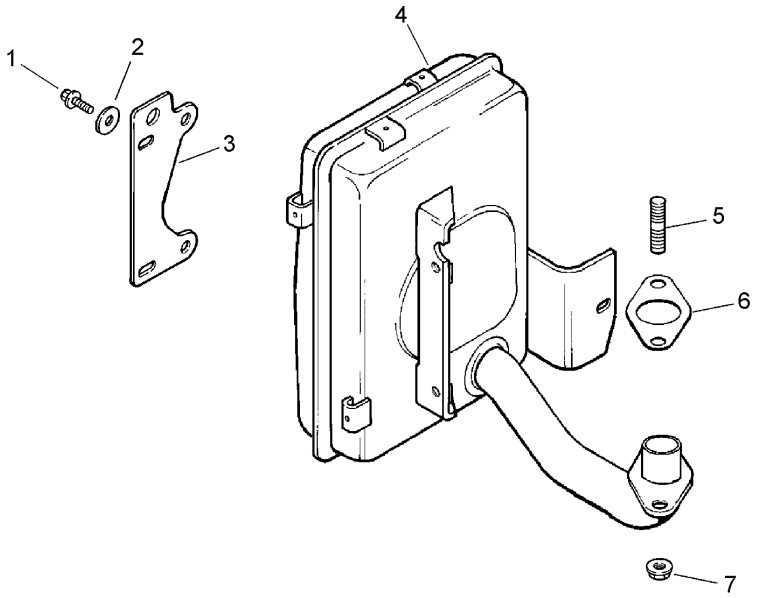
Fuel System Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❸1	M-641060-S	2	Nut-HF
❸2	M-629116-S	2	Stud (M6X1.0X116)
❸3	12 853 149-S	1	Carburetor Kit (Incl. Ref. No. 4, 5, [qty. 1], Tie 12 454 03-S, And Terminal 25 452 20-S)
❸4	12 041 02-S	1	Gasket-Cleaner, Air
❸5	12 041 01-S	2	Gasket-Carburetor
❸6	12 265 06-S	1	Deflector-Heat
❸7	25 050 08-S	1	Filter-Fuel
❸8	25 237 14-S	6	Clamp
❸9	52 353 18-S	1	Line-Fuel, 8In
❸10	12 559 02-S	1	Fuel Pump Kit (Incl. Ref. No. 11-14)
❸11	12 294 13-S	1	Fitting-90 DEG
❸12	25 153 04-S	1	O-Ring (Fuel Pump)
❸13	M-664020-S	2	Screw-Socket, Lobed (M6X1.0X20)
❸14	24 294 09-S	1	Fitting-Straight
❸15	12 353 01-S	1	Line-Fuel (1-1/4In)
❸16	12 123 19-S	1	Line-Fuel. Metal
❸17	M-545010-S	1	Screw-HF (M5X0.8X10)
❸18	12 154 01-S	1	Clamp-Line, Fuel
❸19	41 353 18-S	1	Line-Fuel (2-1/2In)
❶❸	12 757 02-S	1	Float Kit
❶❸	12 757 03-S	1	Carburetor Repair Kit
❶❸	12 757 36-S	1	Throttle Shaft Bearing Kit
❶❸	12 757 37-S	1	Bowl Replacement Kit



Air Intake/Filtration Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❸1	12 281 02-S	1	Duct-Air
❸2	20 341 01-S	1	Knob-Cover
❸3	12 096 44-S	1	Cover-Cleaner, Air
❸4	12 032 14-S	1	Seal
❸5	12 083 12-S	1	Element-Precleaner
❸6	12 083 10-S	1	Element-Cleaner, Air (Incl. Ref. No. 8 And 9)
❸7	12 743 12-S	1	Air Cleaner Kit (Incl. Ref. No. 8 And 9)
❸8	12 100 01-S	1	Nut-Wing
❸9	12 032 11-S	1	Seal
❸10	12 094 13-S	1	Base-Cleaner, Air (Incl. Ref. No.11 And 12)
❸11	12 072 04-S	1	Stud
❸12	12 086 01-S	2	Screw
❸13	12 041 02-S	2	Gasket-Cleaner, Air
❶❸	12-113-04-S	1	Decal-Cleaner, Air



Exhaust Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❸1	M-645025-S	2	Screw-HF (M6X1.0X25)
❸2	12 112 20-S	2	Spacer
❸3	12 126 71-S	1	Bracket-Muffler
❸4	12 068 54-S	1	Muffler
❸5	25 072 04-S	2	Stud (M8X1.25X33)
❸6	12 041 03-S	2	Gasket-Manifold, Exhaust
❸7	M-841080-S	2	Nut-HF (M8X1.25)
❶❸	M-545010-S	1	Screw-HF (M5X0.8X10)
❶❸	M-645016-S	2	Screw-HF (M6X1.0X16)
❶❸	12 265 07-S	1	Deflector-Exhaust
❶❸	M-545010-S	4	Screw-HF (M5X0.8X10)
❶❸	12 755 93-S	1	Gasket Set

Attachments and Accessories

For 74412 - Z400 Z Master, With 48in 7-Gauge Side Discharge Mower

Product Name	Model/Part
Toro Z-Stand	105-1621
Striping Kit	106-3370
Deck Lift Assist Kit	106-9749
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
Blade-Low Flow, 16.5 Inch	107-3193-03
Blade-Mid Flow, 16.5 Inch	107-3194-03
Blade-Atomic, 16.5 Inch	107-3195-03
Blade-Recycling, 16.5 Inch	107-3196-03
Z Stand Kit	107-8599
Bagging Enhancement Kit	108-4091
Blade-Hi Flow, 16.5 Inch (6 Pack)	110-0414
Blade-Lo Flow, 16.5 Inch (6 Pack)	110-0415
Blade-Recycler, 16.5 Inch (6 Pack)	110-0416
Blade-Atomic, 16.5 Inch (6 Pack)	110-0417
Blade-Mid Flow, 16.5 Inch (6 Pack)	110-0418
Hitch Kit	99-8924

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