



Z400 Z Master[®]

With 48in 7-Gauge Side Discharge Mower

Model No. 74412 - 250005001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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Part Description Abbreviations

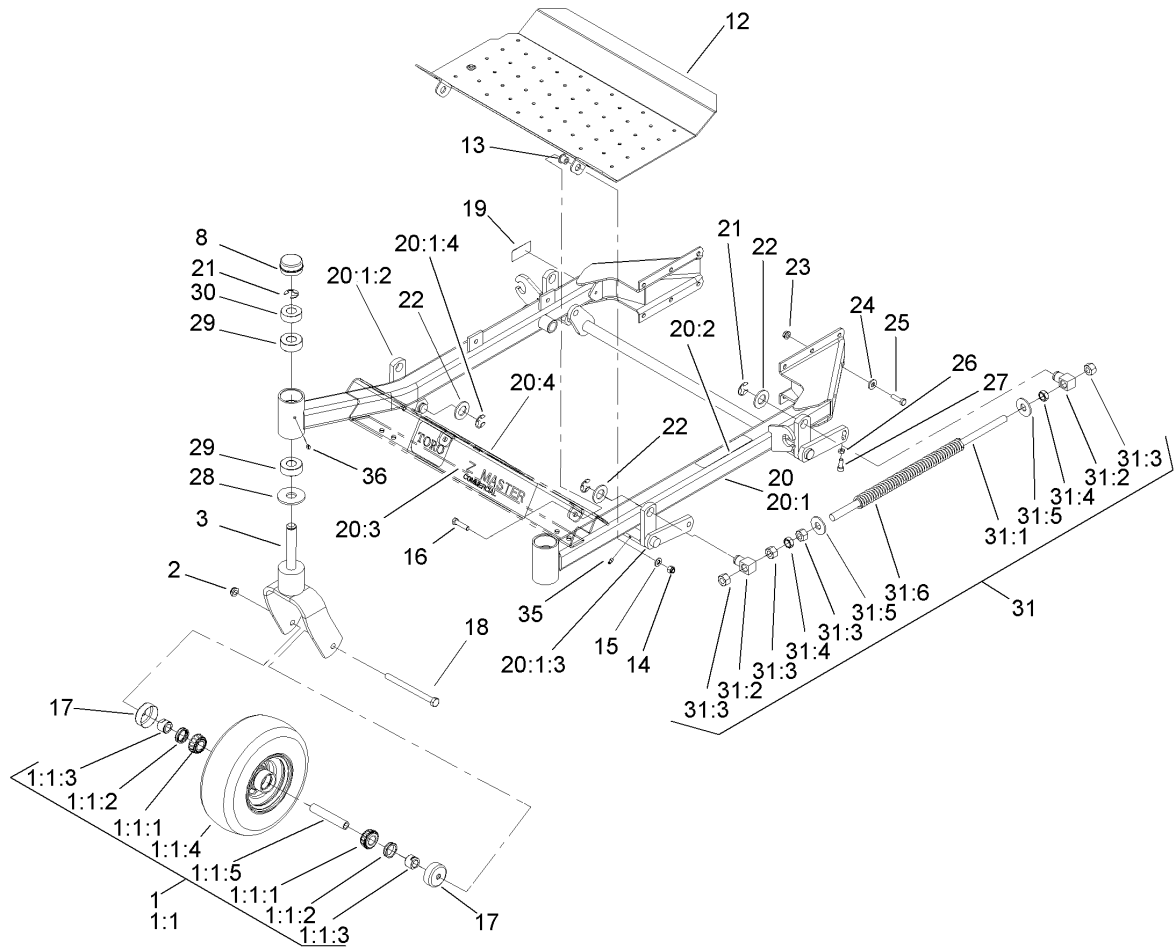
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

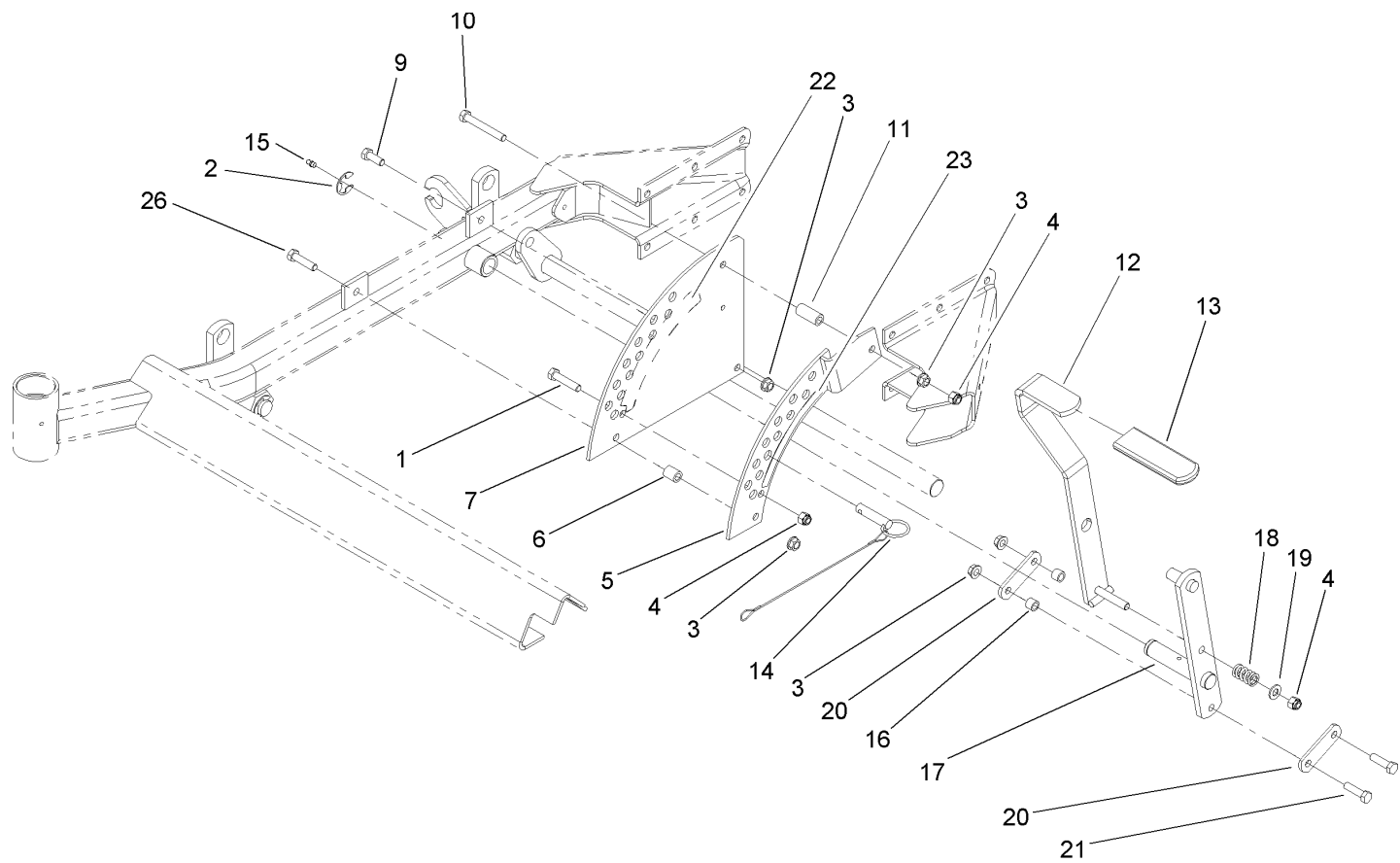
- ❶ Not illustrated
- ❷ Obtain Parts From Your Local Kohler Dealer

- ❸ Not serviced separately



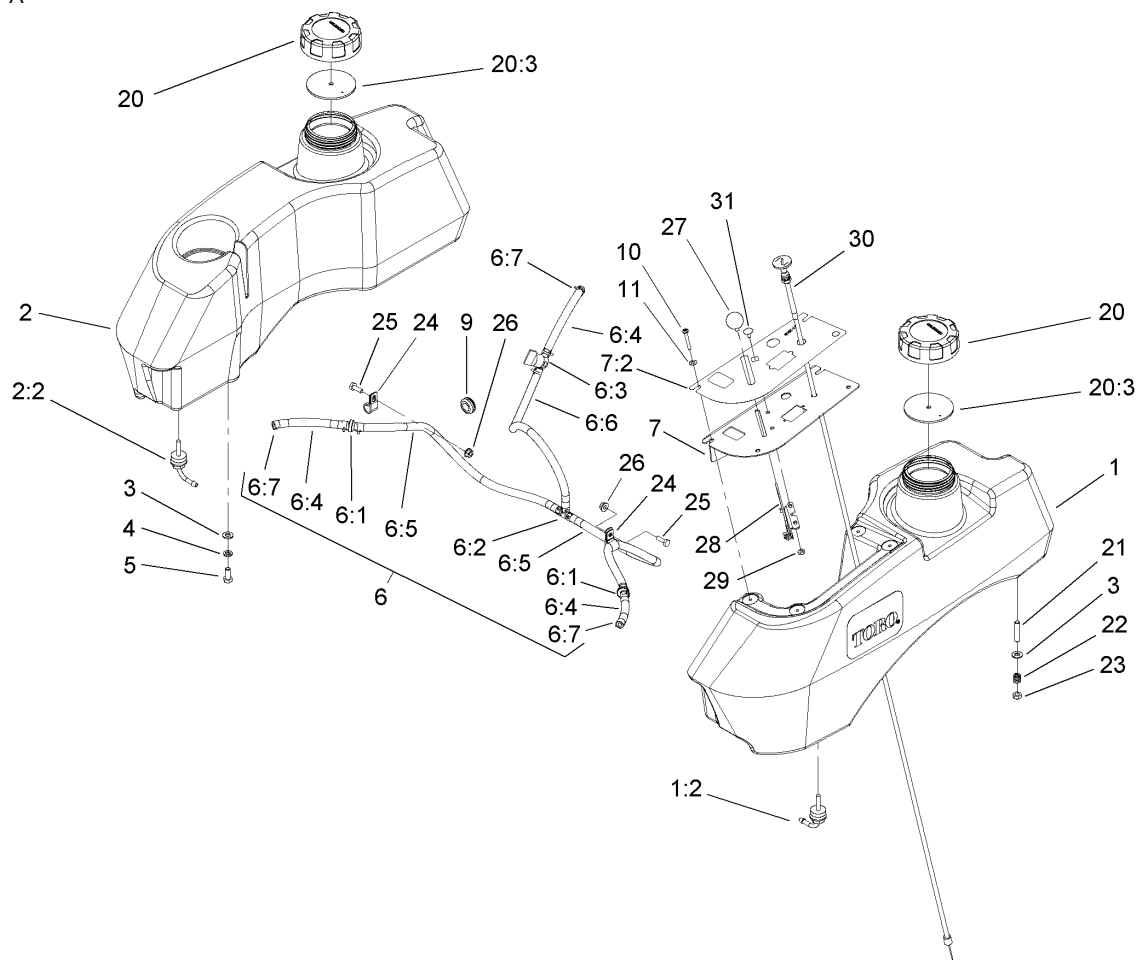
Front Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	103-3800	2	Wheel And Tire ASM	20:3	106-9730	1	Decal
2	3296-45	2	Nut-Lock, NI	20:4	107-2112	1	Decal-Warning
2	103-3800	1	Wheel And Bearing ASM	21	32151-103	6	Ring-Snap
1:1:1	1-633585	2	Bearing-Cone, Taper	22	3256-29	6	Washer-Flat
1:1:2	103-0063	2	Seal-Caster	23	3290-357	12	Nut-HHF
1:1:3	103-3051	2	Spacer-Nut	24	98-5975	12	Washer-Belleville
1:1:4	103-3151	1	Wheel And Tire ASM	25	323-7	12	Screw-HH
1:1:5	103-3157	1	Axle-Caster	26	3218-2	2	Nut-Jam
2	3296-45	2	Nut-Lock, NI	27	3274-18	2	Screw-HSH
3	106-8796-01	2	Caster Fork ASM	28	104-1105	2	Spacer-Support, Deck
8	1-543513	2	Cap-Grease	29	108-1059	4	Bushing
12	108-5007-03	1	Floor Pan	30	108-2654	2	Spacer
13	86-2180	2	Bushing-Flange	31	1-634439	2	Front Frame Spring ASM
14	3296-39	2	Nut-Lock, NI	31:1	1-633096	1	Rod-Lift, Deck
15	3256-24	2	Washer-Flat	31:2	1-633441	2	Swivel-Deck Mount, Rear
16	323-8	2	Screw-HH	31:3	3217-11	4	Nut-Hex
17	103-2768	4	Guard-Seal	31:4	3218-6	2	Nut-Jam
18	325-20	2	Screw-HH	31:5	3256-7	2	Washer-Flat
19	105-2625	1	Decal-STD, Safety	31:6	1-633064	1	Spring-Support, Deck
20	108-1130	1	Front Frame ASM	35	302-19	4	Fitting-Grease
20:1		1	Frame-Front	36	302-5	2	Fitting-Grease
20:1:1		1	Frame-Front				
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				
20:2	1-633818	1	Decal-Warning				



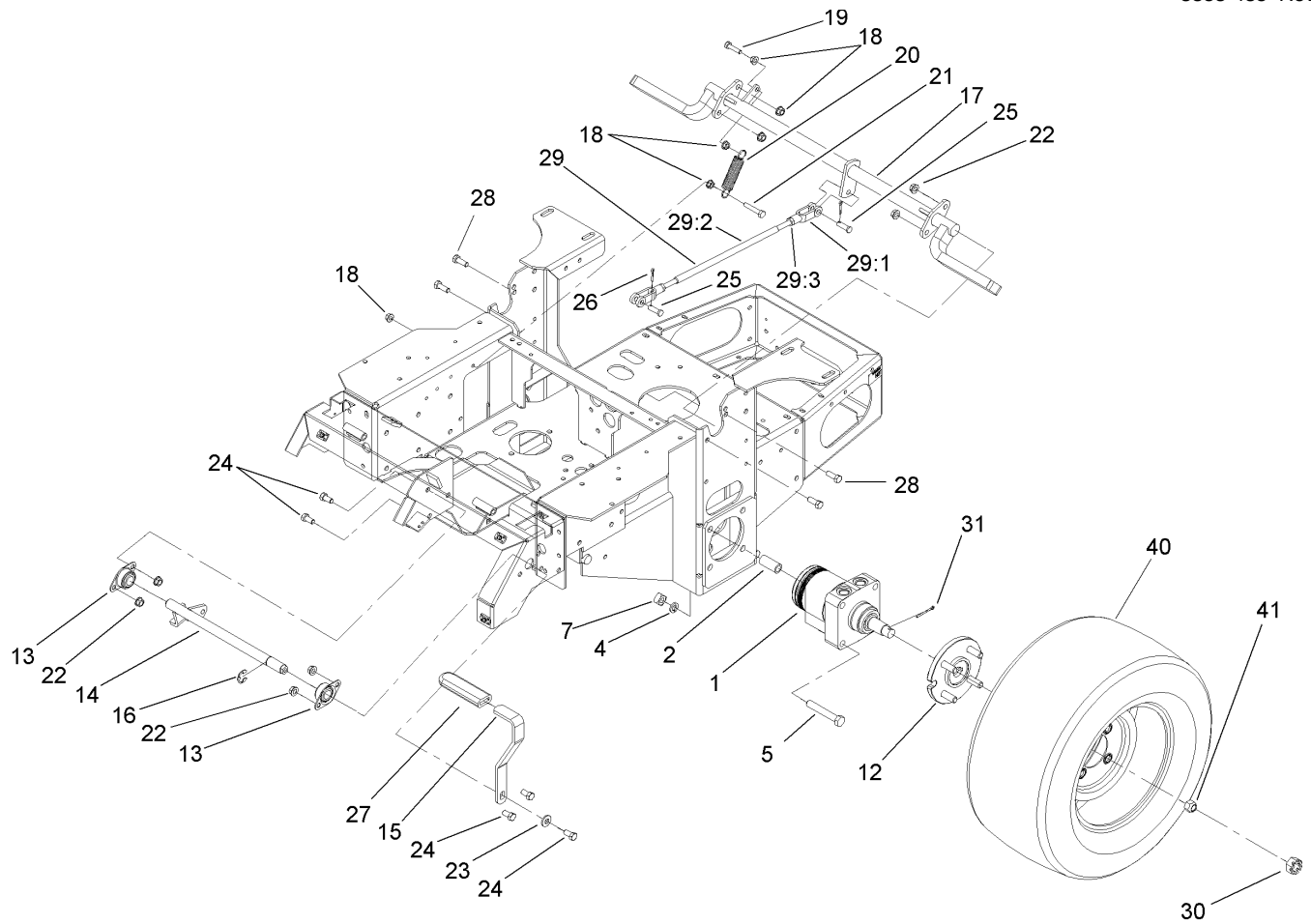
Height-of-Cut Assembly

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				
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				
22	108-1051	1	Decal-Deck Height, Outer				
23	108-1050	1	Decal-Deck Height, Inner				
26	323-8	1	Screw-HH				



Fuel System Assembly

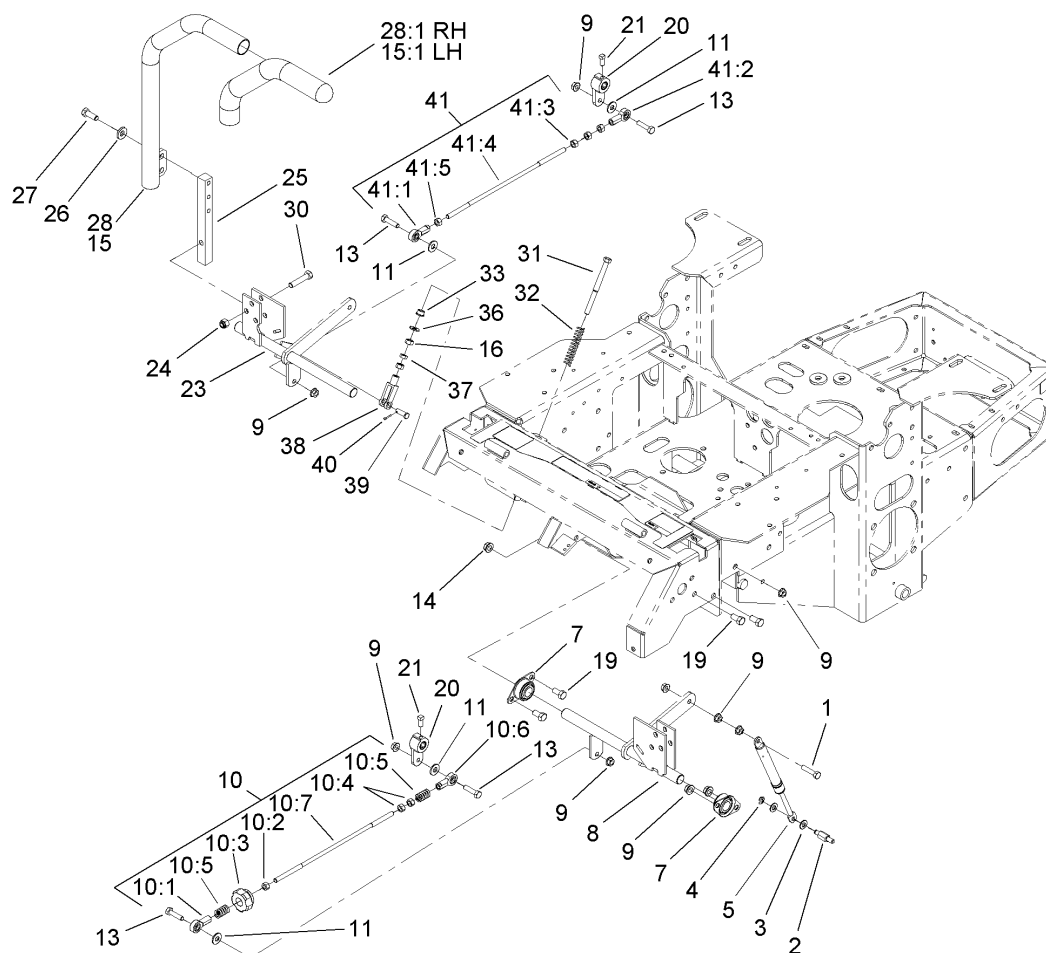
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-2146	1	LH Fuel Tank ASM	23	3296-47	4	Nut-Lock, NI
1:2	103-2605	1	Fitting-Fuel, Bulkhead	24	1-513762	4	Clip-Loom
2	106-9975	1	RH Fuel Tank ASM	25	321-4	2	Screw-HH
2:2	103-2605	1	Fitting-Fuel, Bulkhead	26	32128-33	2	Nut-HF
3	3256-23	8	Washer-Flat	27	1-513592	1	Knob-Ball
4	1-805005	4	Washer-Lock	28	103-4091	1	Cable-Throttle
5	322-3	4	Screw-HH	29	3296-2	2	Nut-Lock
6		1	Fuel Line ASM	30	103-4090	1	Control-Choke
6:1	99-5000	2	Valve-Check, Fuel	31	1-807513	2	Bolt-CARR
6:2	99-5005	1	Fitting-Tee, Barbed				
6:3	1-603770	1	Valve-Fuel				
6:4	99-7190	3	Hose-Fuel				
6:5	99-3185	2	Hose-Fuel				
6:6	106-8720	1	Hose-Fuel				
6:7	1-303077	12	Clamp				
7	107-2149	1	Control Panel ASM				
7:2	107-2148	1	Decal-Panel, Control				
9	1-543296	2	Grommet				
10	32122-30	4	Screw-PTH				
11	1-303435	4	Washer-Spring				
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				



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	1-653074-03	1	Handle-Brake, Park
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
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

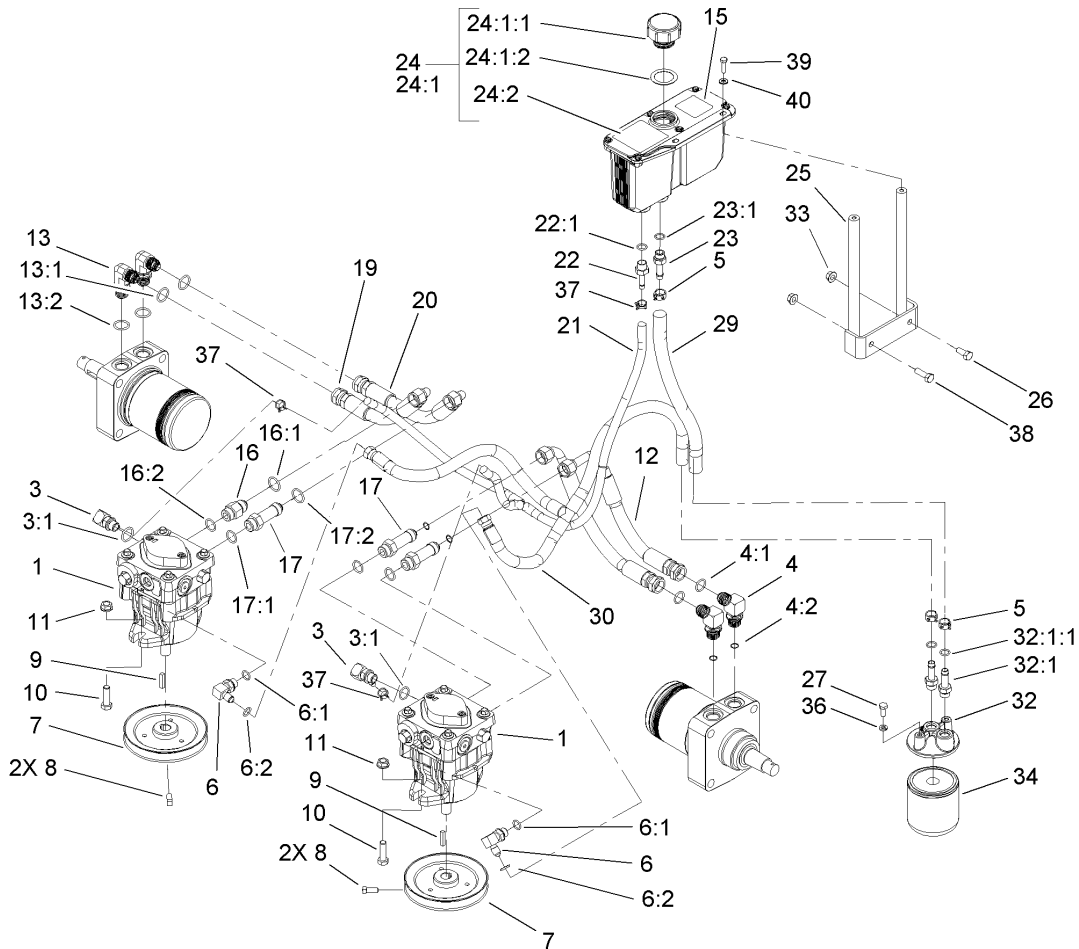
Ref	Part No.	Qty.	Description
29	103-4335	1	Brake Rod ASM
29:1	1-633131	2	Yoke-Linkage, Brake
29:2	103-3907	1	Linkage-Handle, Brake
29:3	3219-3	2	Nut-Hex
30	32136-5	2	Nut-Hex, Slotted
31	1-806800	2	Pin-Cotter
40	1-543396	2	Wheel And Tire ASM
41	242-50	8	Nut-Lug



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
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

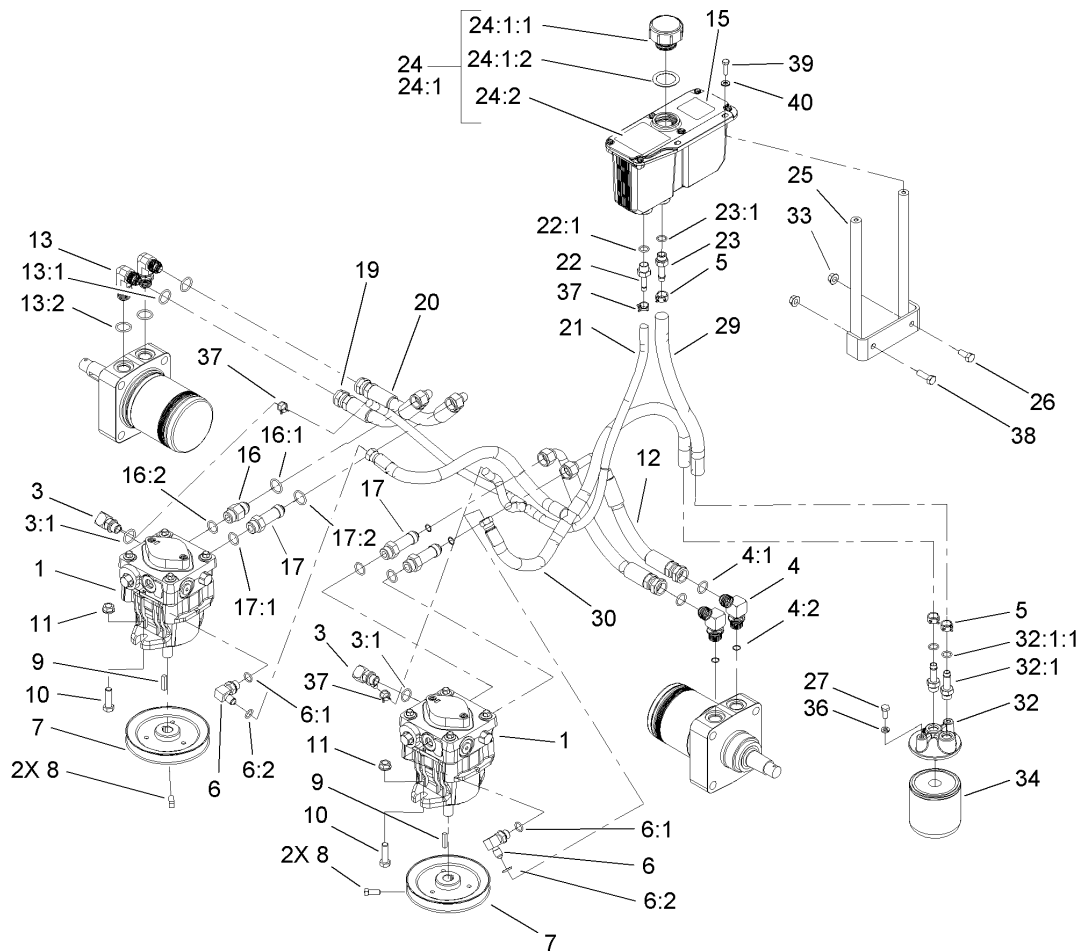
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	103-0632	1	RH Lever ASM
28:1	1-633257	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return,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

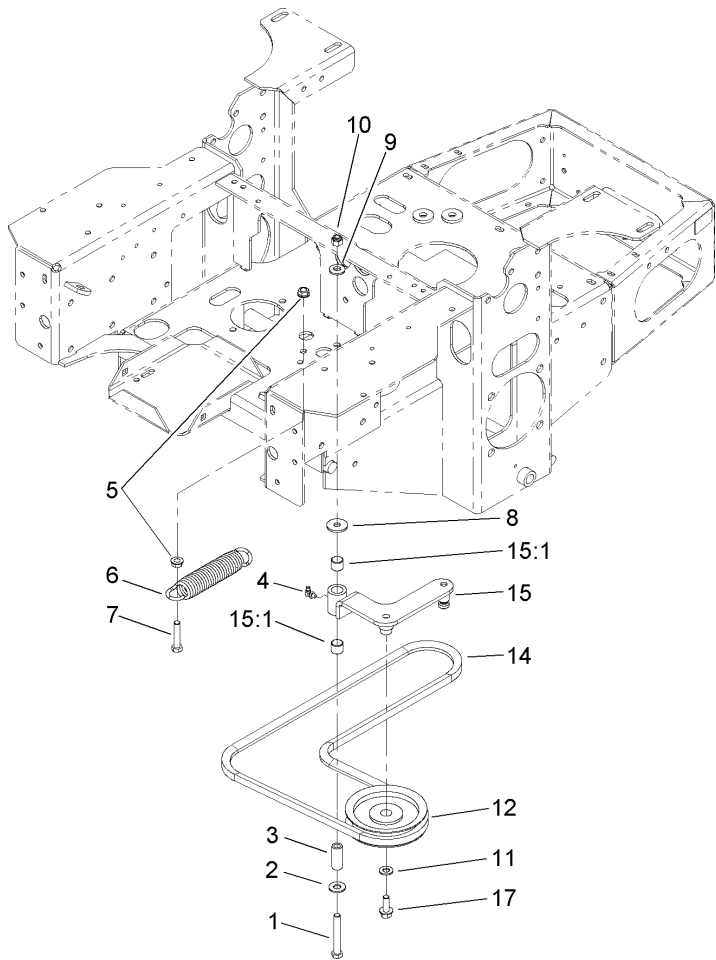
Ref	Part No.	Qty.	Description
1	103-4040	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
4	103-2153	2	Fitting-90 DEG
4:1	1-603920	1	O-Ring
4:2	1-603992	1	O-Ring
5	103-1988	3	Clamp-Hose
6	103-1802	2	Fitting-HYD, 90 DEG
6:1	1-603921	1	O-Ring
6:2	237-42	1	O-Ring
7	1-653156	2	Pulley
8	1-803050	2	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	5	Nut-HHF
12	103-4022	1	Hose-Rear, LH
13	103-4797	2	Elbow-90 DEG
13:1	1-603920	1	O-Ring
13:2	1-603992	1	O-Ring
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

Ref	Part No.	Qty.	Description
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
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
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	1-633752	1	Filter-HYD, Winter



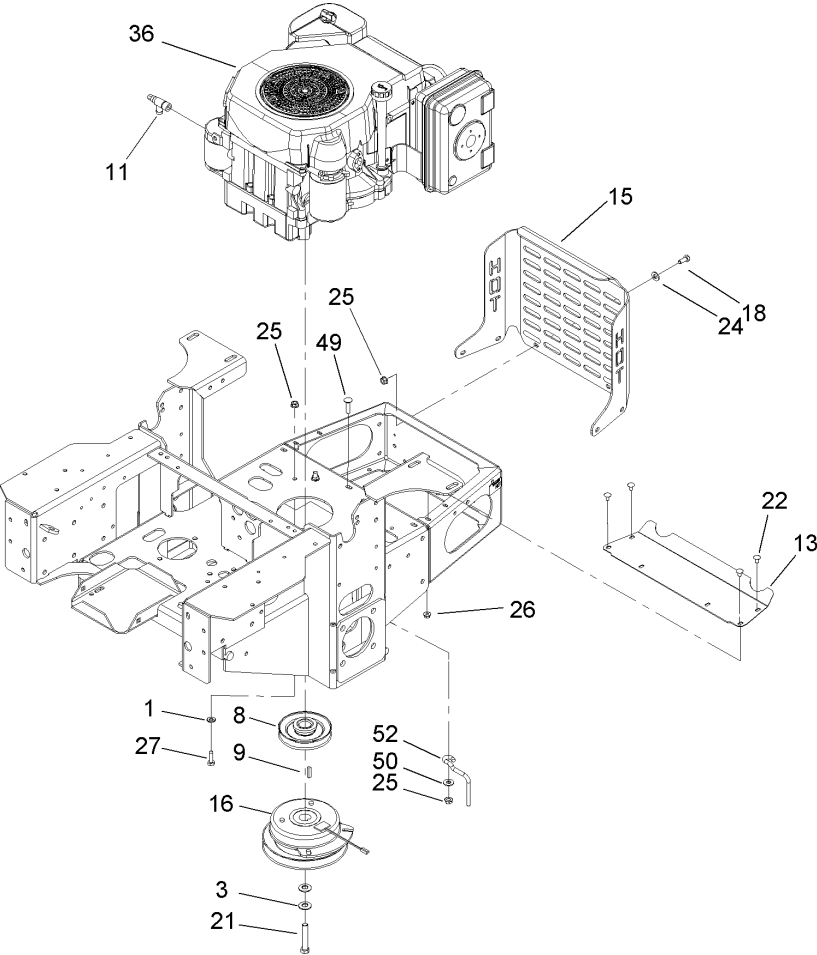
Hydraulic System Assembly (continued)

Ref	Part No.	Qty.	Description
34	1-633750	1	Filter-HYD
36	1-805004	2	Washer-Lock
37	103-1716	3	Clamp-Hose
38	322-5	1	Screw-HH
39	321-6	2	Screw-HH
40	3256-22	2	Washer-Flat



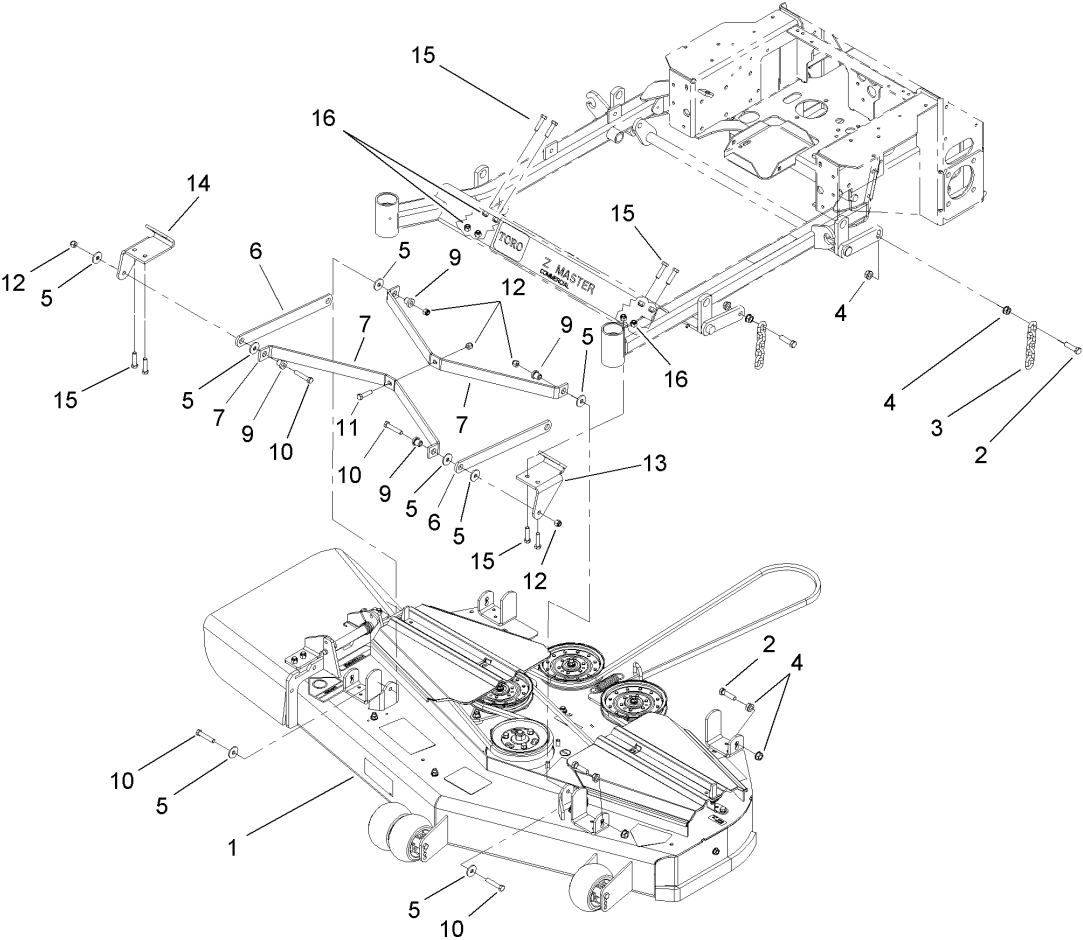
Pump Idler and Belt Assembly

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				
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				



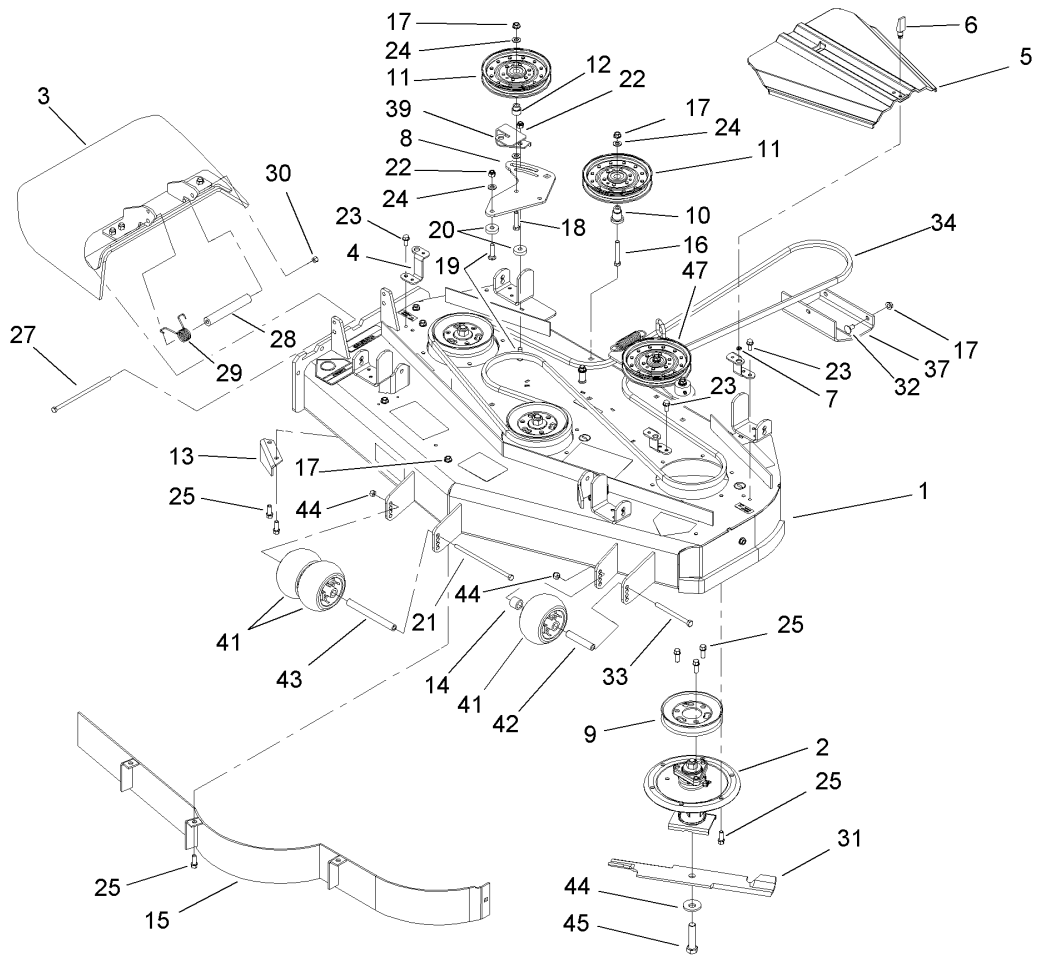
Engine, Clutch and Muffler Assembly

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	103-1965	1	Valve-Drain, Oil				
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				
36		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

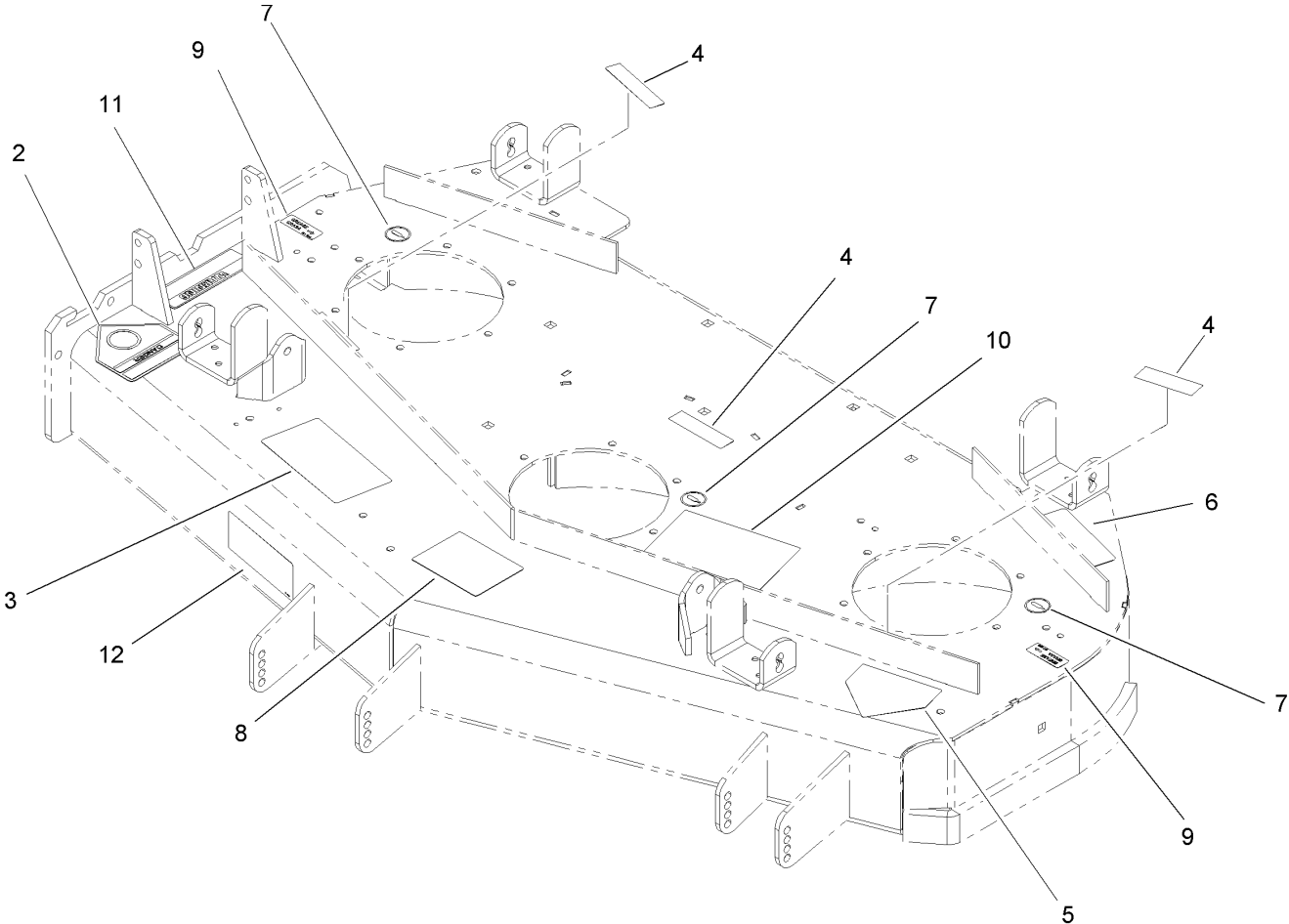
Ref	Part No.	Qty.	Description				
1	107-1667	1	Deck ASM				
2	103-1898	8	Screw-HH				
3	1-633447	4	Chain-Lift, Deck				
4	32128-37	16	Nut-HF				
5	63-8410	8	Washer				
6	107-1698-01	2	Strut-Flat				
7	108-2168-01	2	Brace-Cross				
9	65-5950	4	Bushing-Pulley				
10	323-10	4	Screw-HH				
11	323-8	1	Screw-HH				
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				



Deck Assembly No. 107-1667

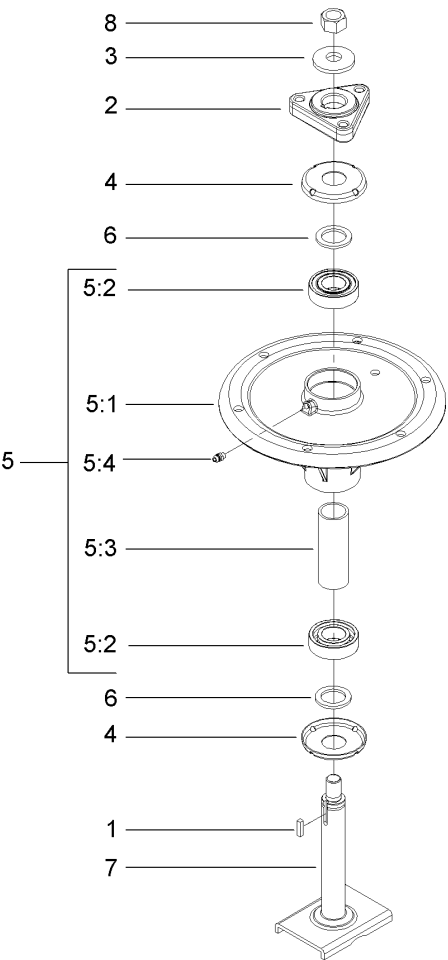
Ref	Part No.	Qty.	Description
1	107-1666	1	Deck Decal ASM
2	107-8504	3	Spindle ASM
3	108-2792	1	Rubber Deflector ASM
4	108-2177-01	3	Bracket-Cover, Tall
5	107-8536	2	Cover-Belt
6	74-5950	2	Latch-Swell
7	99-3058	2	Washer
8	107-8516-01	1	Plate-Idler
9	107-1684	3	Pulley
10	106-3214	1	Mount-Pulley
11	1-633109	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
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
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
47		1	Spring Idler ASM
99	107-3196-03	3	Blade-Rotary, 16.5In Recycling
99	107-3194-03	3	Blade-Rotary, 16.5In Med Flow
99	107-3195-03	3	Blade-Rotary, 16.5In Atomic
99	107-3193-03	3	Blade-Rotary, 16.5In Low Flow



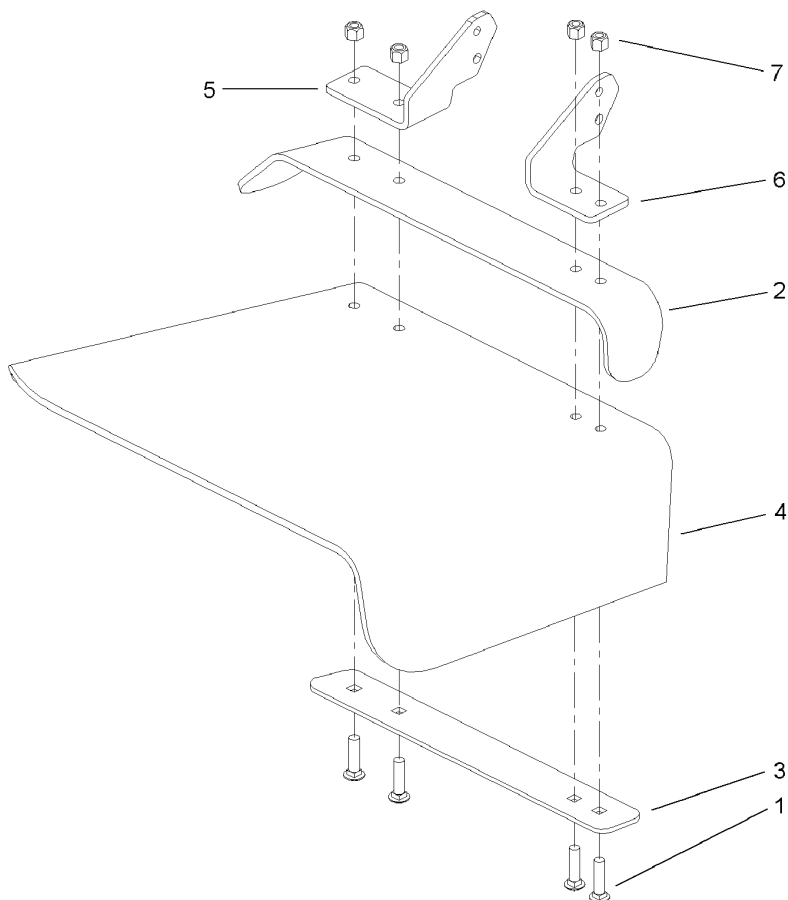
Deck Decal Assembly No. 107-1666

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				
11	104-8569	1	Decal-Warning				
12	107-1695	1	Decal				



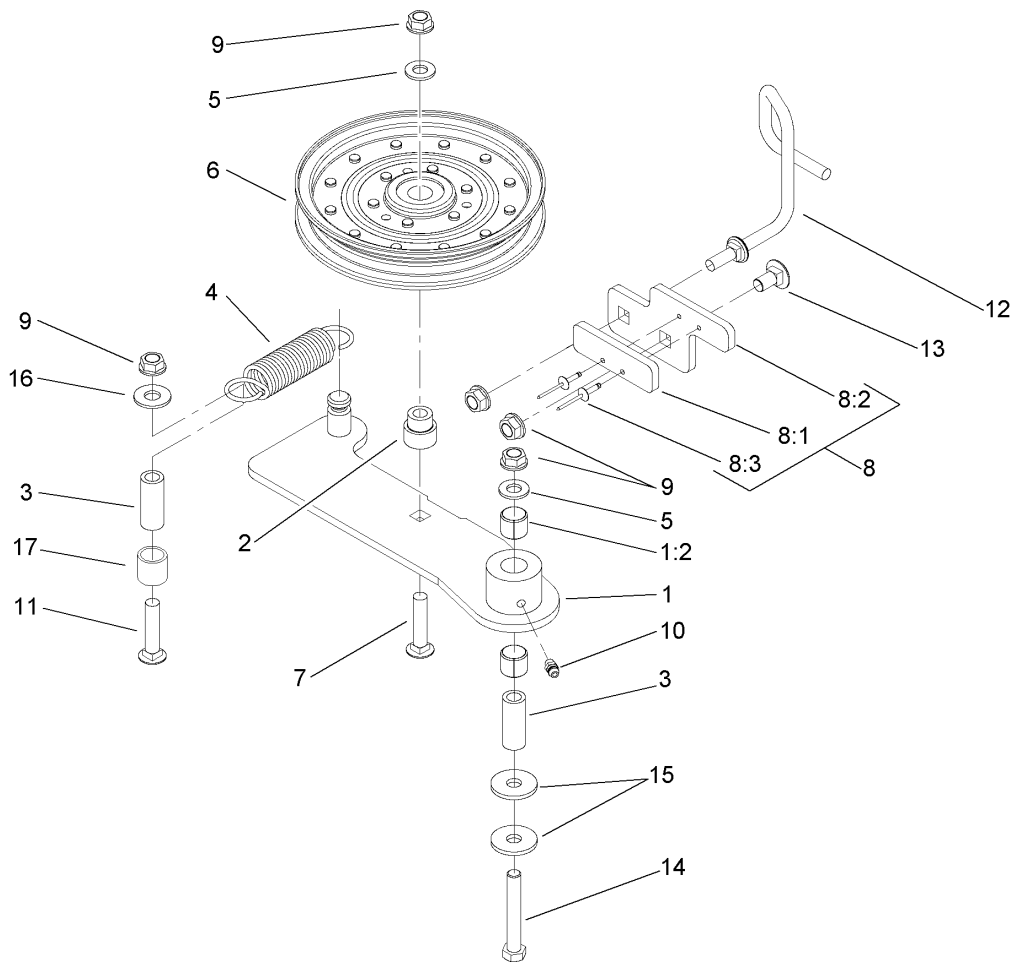
Spindle Assembly No. 107-8504

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				
5		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				



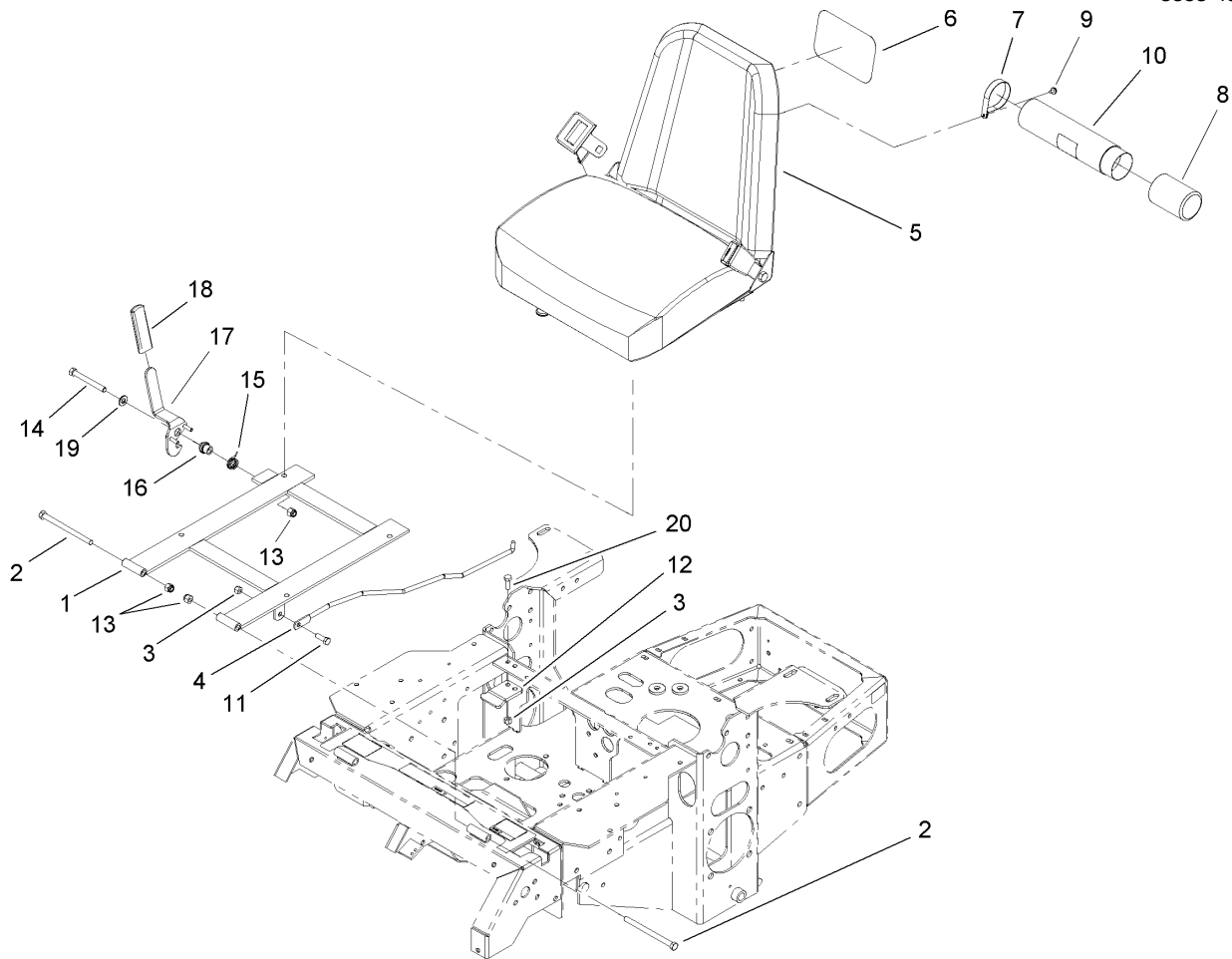
Rubber Deflector Assembly No. 108-2792

Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	108-5029	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	106-3253-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



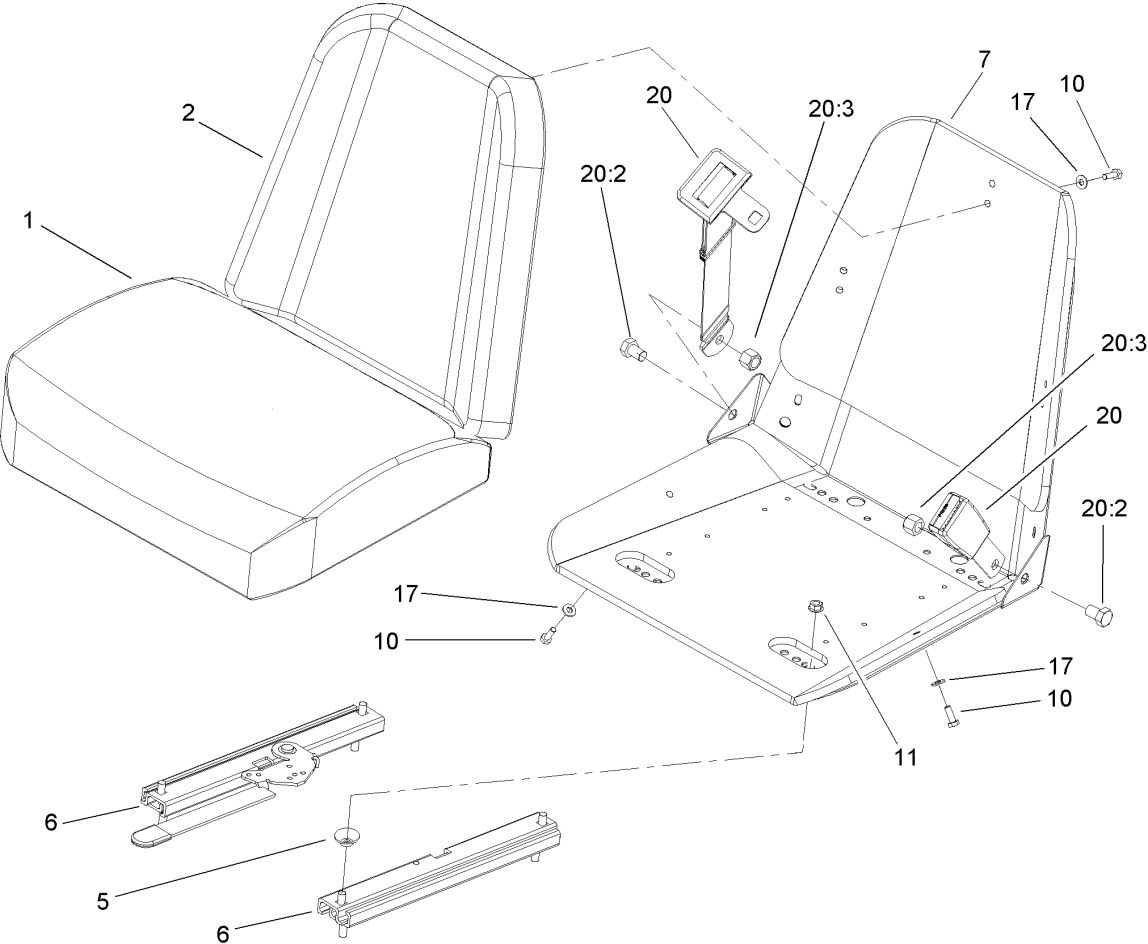
Idler Assembly

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				
8		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				
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				



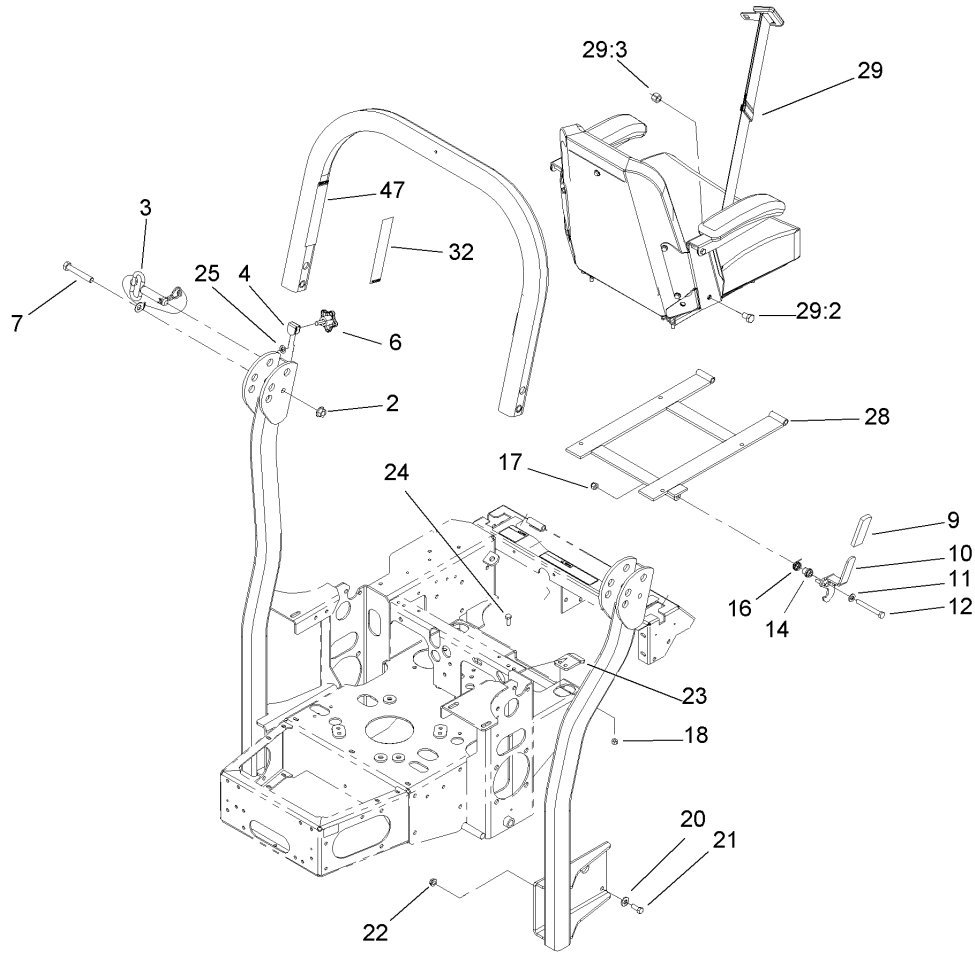
Seat and Bracket Assembly

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	107-2116	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	62-9130	1	Grip-Handle				
19	3256-24	1	Washer-Flat				
20	322-4	2	Screw-HH				



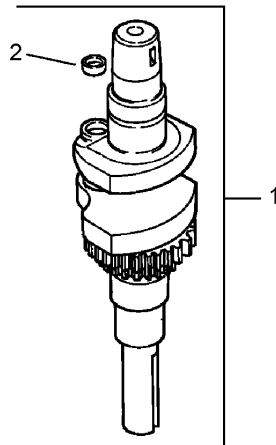
Seat Assembly No. 107-2116

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	103-4469	1	Seatbelt Kit				
20:2	3212-4	2	Screw-HH				
20:3	3296-38	2	Nut-Lock NI				



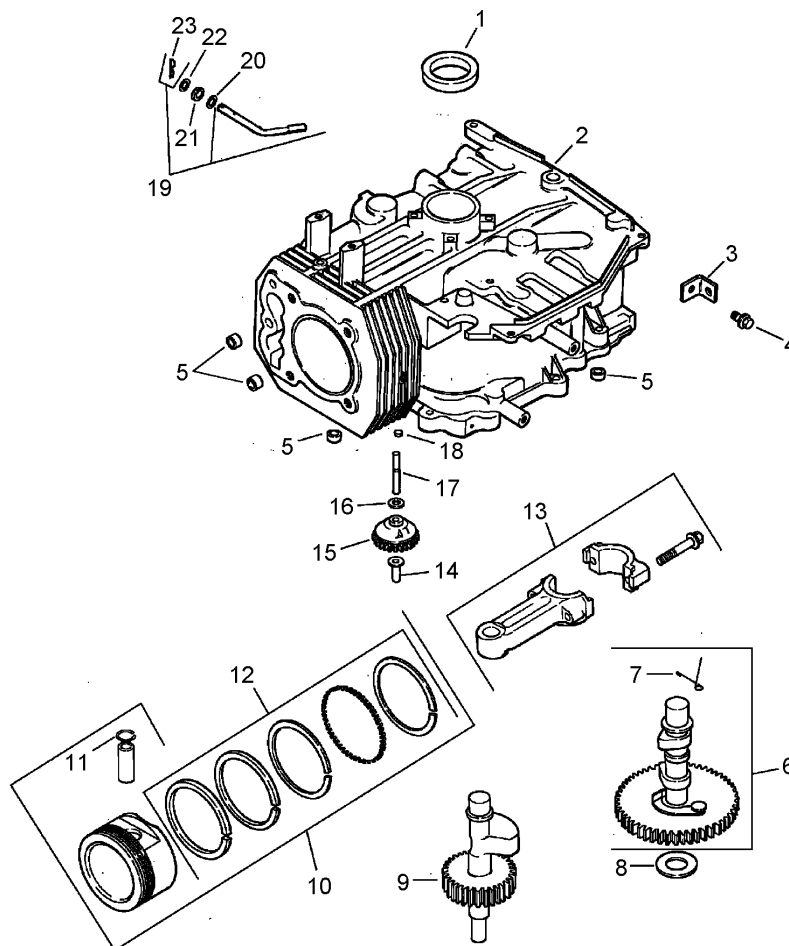
Roll-Over-Protection System Assembly No. 107-8093

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF	47	107-2102	1	Decal-Warning, Folding ROPS
3	103-4553	2	ROPS Fold Pin 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	Seat Support Frame ASM				
29	103-4469	1	Seatbelt Kit				
29:2	3212-4	2	Screw-HH				
29:3	3296-38	2	Nut-Lock NI				
32	107-3069	1	Decal-Warning, Folding ROPS				



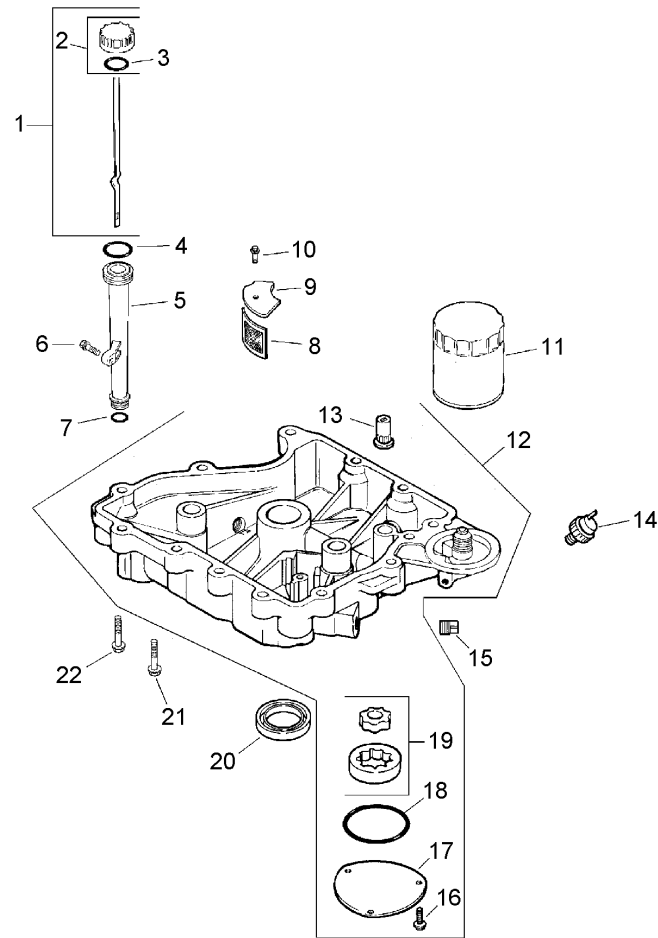
Crankshaft Assembly Kohler CV493S 27528

Ref	Part No.	Qty.	Description
❶1	12 014 61-S	1	Crankshaft (Incl. Ref. No. 2)
❶2	25 139 27-S	1	Plug-Cup



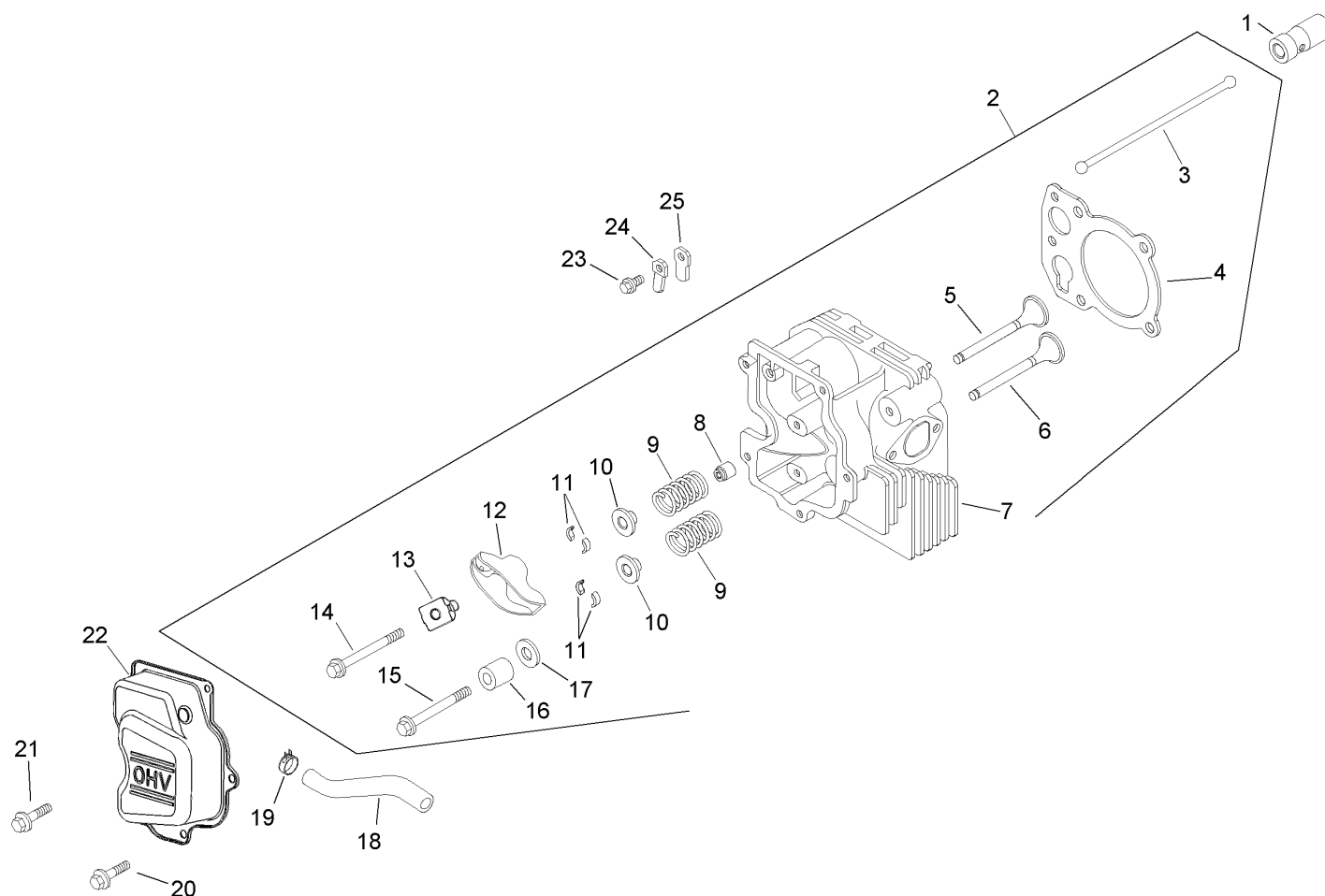
Crankcase Assembly Kohler CV493S 27528

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	12 032 03-S	1	Seal-Oil, Front	❶12	12 108 09-S	2	Ring Set (.50)
❷❶2		1	Crankcase (Use Short Block Or Miniblock)	❶13	12 067 11-S	1	Rod-Connecting (STD)
❶3	12 445 02-S	1	Strap-Lifting	❶13	12 067 12-S	1	Rod-Connecting (.25)
❶4	M-839025-S	1	Screw-HF (M8X1.25X25)	❶14	12 380 01-S	1	Pin-Regulating, Governor
❶5	24 380 13-S	4	Pin-Locating	❶15	12 043 05-S	1	Gear-Governor
❶6	12 010 30-S	1	Camshaft ASM (Incl. Ref. No. 7)	❶16	M-631005-S	1	Washer-Plain (6Mm)
❶7	12 089 37-S	1	Spring-Actuating	❶17	12 144 02-S	1	Shaft-Gear, Governor
❶8	12 422 08-S	1	Shim-Camshaft, Blue	❶18	52 139 09-S	1	Plug-Cup
❶8	12 422 09-S	1	Shim-Camshaft, Red	❶19	12 755 64-S	1	Governor Cross Shaft Kit (Incl. Ref. No. 23)
❶8	12 422 10-S	1	Shim-Camshaft, Yellow	❶20	X-25-102-S	1	Washer-Plain, 1/4In
❶8	12 422 11-S	1	Shim-Camshaft, Green	❶21	12 032 01-S	1	Seal-Cross Shaft, Governor
❶8	12 422 12-S	1	Shim-Camshaft, Gray	❶22	M-631015-S	1	Washer-Plain (6Mm)
❶8	12 422 13-S	1	Shim-Camshaft, Black	❶23	12 154 05-S	1	Clip-Pin, Hitch
❶8	12 422 07-S	1	Shim-Camshaft, White				
❶9	12 144 28-S	1	Shaft-Balance				
❶10	12 874 07-S	1	Piston W/Ring Set (STD) (Incl. Ref. No. 11 And 12)				
❶10	12 874 11-S	1	Piston W/Ring Set (.08)				
❶10	12 874 08-S	1	Piston W/Ring Set (.25)				
❶10	12 874 09-S	1	Piston W/Ring Set (.50)				
❶11	12 018 02-S	2	Retainer-Pin, Piston				
❶12	12 108 07-S	2	Ring Set (STD. And .08)				
❶12	12 108 08-S	2	Ring Set (.25)				



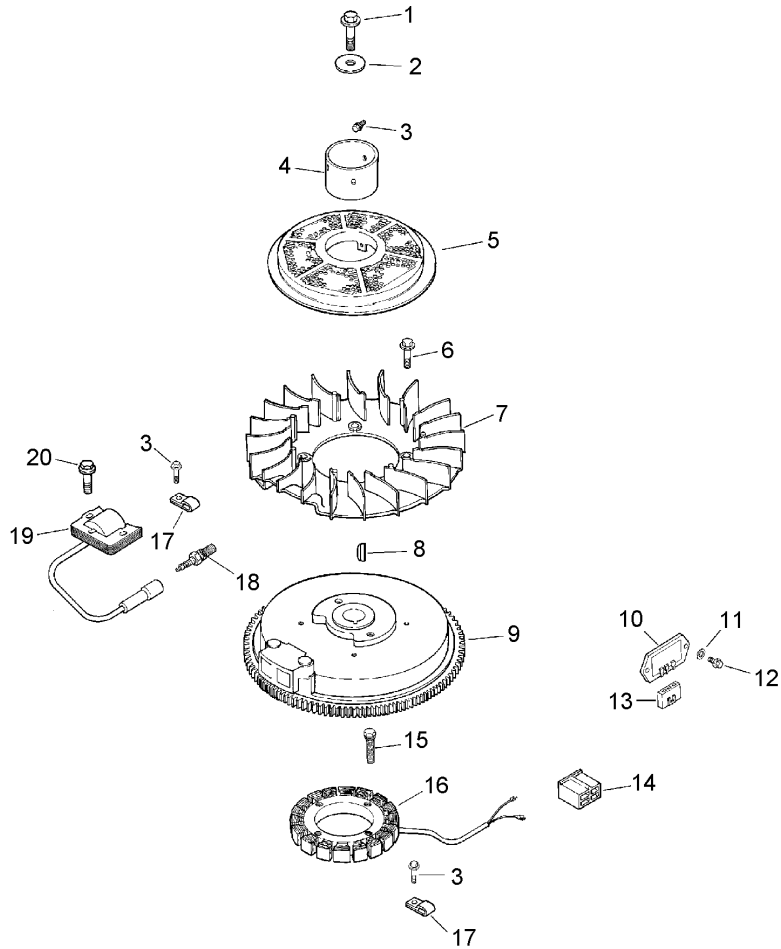
Oil Pan/Lubrication Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description				
❶1	12 038 01-S	1	Dipstick (Incl. Ref. No. 2 And 3)				
❷2	25 755 13-S	1	Oil Fill Cap (Incl. Ref. No. 3)				
❸3	25 153 02-S	1	O-Ring				
❹4	12 153 02-S	1	O-Ring				
❺5	12 123 04-S	1	Tube-Fill, Oil				
❻6	M-545020-S	1	Screw-HF (M5X0.8X20)				
❼7	12 153 01-S	1	O-Ring (Lower Oil Fill Tube)				
❽8	25 162 07-S	1	Screen-Pickup, Oil				
❾9	12 096 03-S	1	Cover-Screen, Oil Pickup				
❿10	M-545016-S	1	Screw-HF (M5X0.8X16)				
⓫11	12 050 01-S	1	Filter-Oil				
⓬12	12 199 50-S	1	Oil Pan ASM (Incl. Ref. No. 13, 16-19)				
⓭13	25 462 09-S	1	Valve-Relief, Oil Pressure				
⓮14	24 099 03-S	1	Switch-Pressure				
⓯15	25 139 57-S	2	Plug-SQH (3/8In NPTF)				
⓰16	M-545016-S	3	Screw-HF (M5X0.8X16)				
⓱17	12 096 34-S	1	Cover-Pump, Oil				
⓲18	12 153 06-S	1	O-Ring (Oil Pump Cover)				
⓳19	12 393 01-S	1	Oil Pump ASM				
⓴20	12 032 03-S	1	Seal-Oil, Front				
⓵21	24 086 16-S	11	Screw-HF (M8X1.25X45)				
⓶22	24 086 17-S	1	Screw-HF (M8X1.25X45)				



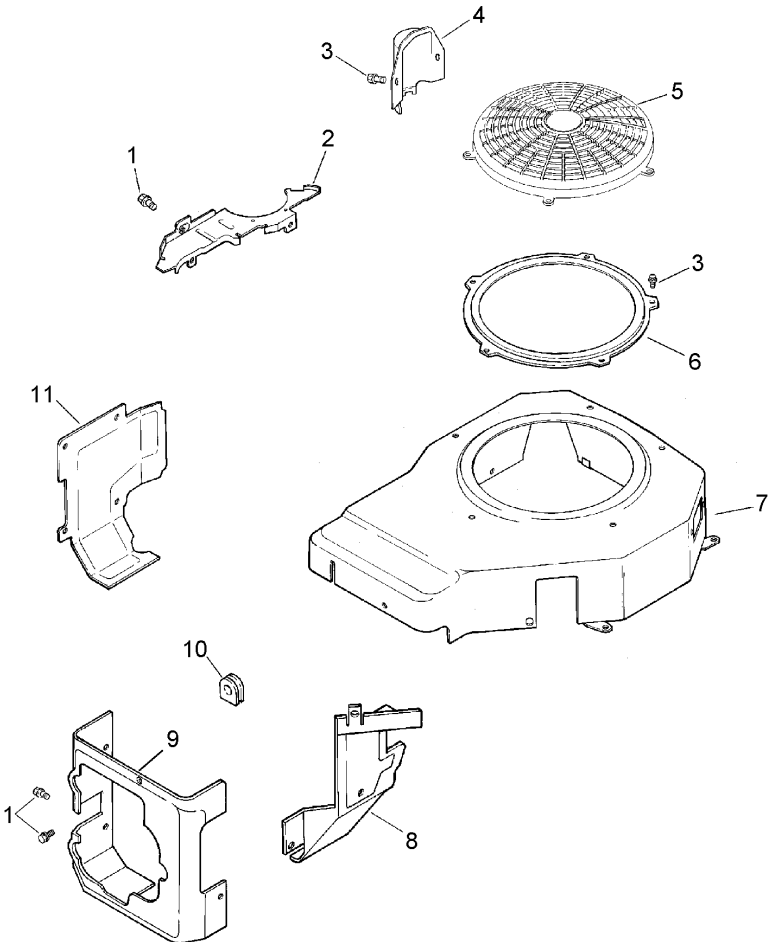
Head/Valve/Breather Assembly Kohler CV493S 27528

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	25 351 01-S	2	Lifter-Valve	❶24	66 018 04-S	1	Retainer-Reed, Breather
❶2	12 755 101-S	1	Cylinder Head Kit (Incl. Ref. No. 3-17)	❶25	12 402 02-S	1	Reed-Breather
❶3	12 411 05-S	2	Rod-Push	❶❸	12 017 02-S	1	Valve-Intake (.25)
❶4	12 041 10-S	1	Gasket-Head, Cylinder	❶❸	12 016 02-S	1	Valve-Exhaust (.25)
❶5	12 017 01-S	1	Valve-Intake (STD)	❶❸	12 041 01-S	2	Gasket-Carburetor
❶6	12 016 01-S	1	Valve-Exhaust (STD)	❶❸	12 041 02-S	1	Gasket-Base, Air Cleaner
❶7	12 318 51-S	1	Head-Cylinder	❶❸	12 041 03-S	1	Gasket-Manifold, Exhaust
❶8	66 032 05-S	2	Seal-Stem, Valve				
❶9	12 089 34-S	2	Spring-Valve				
❶10	12 173 01-S	2	Cap-Spring, Valve				
❶11	12 755 03-S	1	Retainer Kit				
❶12	25 186 01-S	2	Arm-Rocker				
❶13	12 599 03-S	2	Pivot-Arm, Rocker				
❶14	M-645016-S	3	Screw-HF (M6X1.0X16)				
❶15	M-640034-S	2	Screw-HF (M6X1.0X34)				
❶16	12 112 16-S	2	Spacer				
❶17	12 468 05-S	1	Washer-Plain (13/32In)				
❶18	12 326 18-S	1	Hose-Breather				
❶19	25 237 14-S	1	Clamp				
❶20	20 086 02-S	4	Screw-HF (M10X1.5X81)				
❶21	12 086 16-S	1	Screw-HF, Reduced				
❶22	12 096 47-S	1	Cover-Valve				
❶23	M-545010-S	1	Screw-HF (M5X0.8X10)				



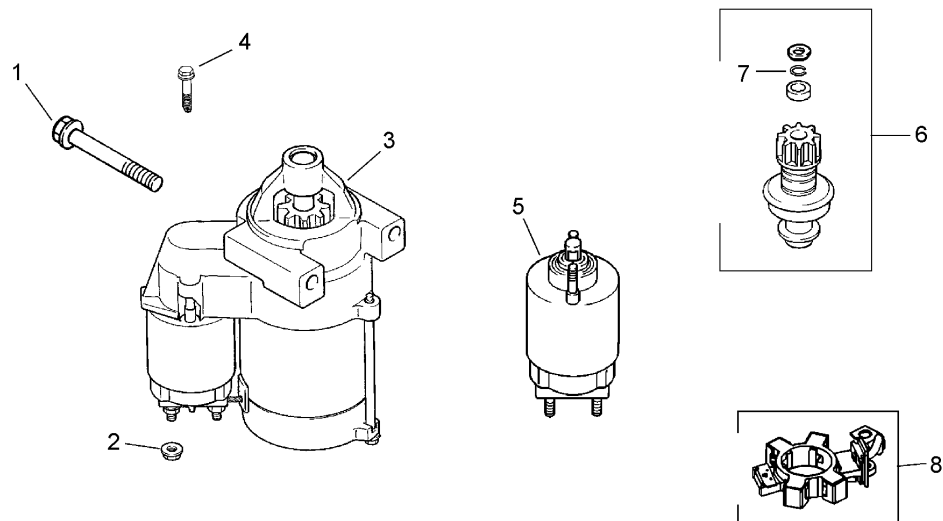
Ignition/Electrical Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	12 086 14-S	1	Screw-HF (M10X1.5X46)	❶❸	25 518 05-S	1	Lead-Black, Rectifier To Connector
❶2	12 468 03-S	1	Washer-Plain (3/8In)	❶❸	12 518 01-S	1	Lead-White, Ground To Kill (19In, 18 Gauge)
❶3	M-545010-S	5	Screw-HF (M5X0.8X10)				
❶4	12 109 03-S	1	Cup-Mounting, Screen				
❶5	12 162 09-S	1	Screen-Grass				
❶6	25 086 47-S	4	Bolt-Shoulder (M6X1.0X16)				
❶7	12 157 03-S	1	Fan				
❶8	X-42-15-S	1	Key				
❶9	12 025 56-S	1	Flywheel				
❶10	41 403 09-S	1	Rectifier-Regulator				
❶11	X-25-5-S	1	Washer-Steel				
❶12	M-639016-S	1	Screw-HF (M6X1.0X16)				
❶13	236602-S	1	Connector				
❶14	41 155 02-S	1	Connector (5 Contact)				
❶15	M-548025-S	2	Screw (M5X0.8X25)				
❶16	237878-S	1	Stator Kit (Includes Terminal 25 452 01-S)				
❶17	X-728-1-S	2	Clip				
❶18	12 132 02-S	1	Spark Plug				
❶19	12 584 04-S	1	Module-Ignition				
❶20	M-545020-S	2	Screw-HF (M5X0.8X20)				
❶❸	12 126 96-S	1	Bracket-Strap, Ground				
❶❸	25 452 01-S	1	Terminal				



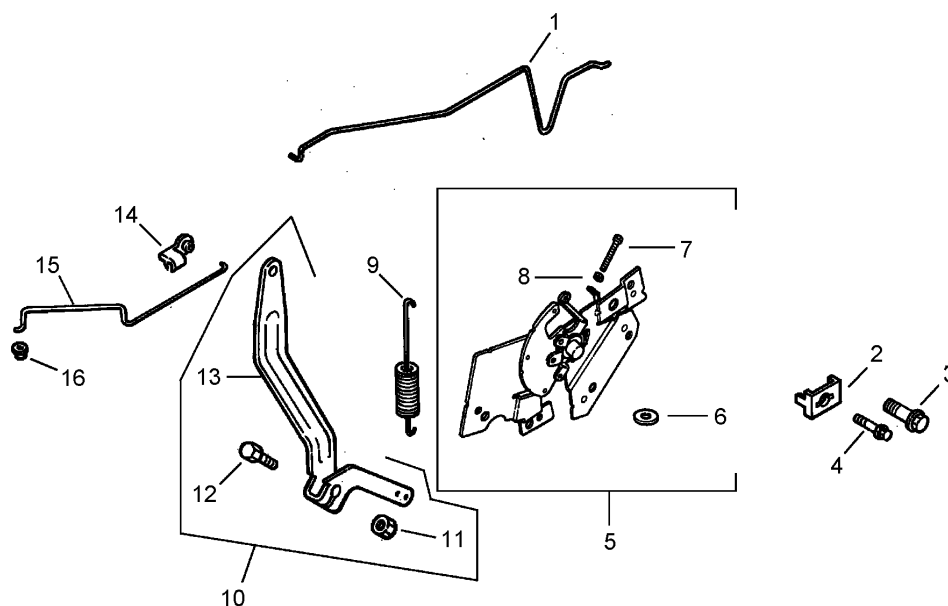
Blower Housing and Baffle Assembly
Kohler CV493S 27528

Ref	Part No.	Qty.	Description				
❶1	M-545010-S	6	Screw-HF (M5X0.8X10)				
❷2	12 146 07-S	1	Plate-Housing, Blower				
❸3	M-550010-S	11	Screw-HF (M5X0.8X10)				
❹4	12 096 33-S	1	Cover-Starter				
❺5	12 314 07-S	1	Guard-Stylized				
❻6	12 314 10-S	1	Guard-Screen, Grass				
❼7	12 027 53-S	1	Housing-Blower				
❽8	12 063 18-S	1	Baffle (Intake Side)				
❾9	12 063 20-S	1	Baffle (Cylinder Head)				
❿10	12 313 03-S	1	Grommet-Spark Plug				
⓫11	12 063 19-S	1	Baffle				
⓬❶	M-545016-S	1	Screw-HF (M5X0.8X16)				
⓬❷	M-561016-S	1	Screw-HF (M5X0.8X16)				
⓬❸	24 113 18-S	1	Decal-Screen, Grass				
⓬❹	12 113 125-S	1	Decal-18Hp				
⓬❺	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



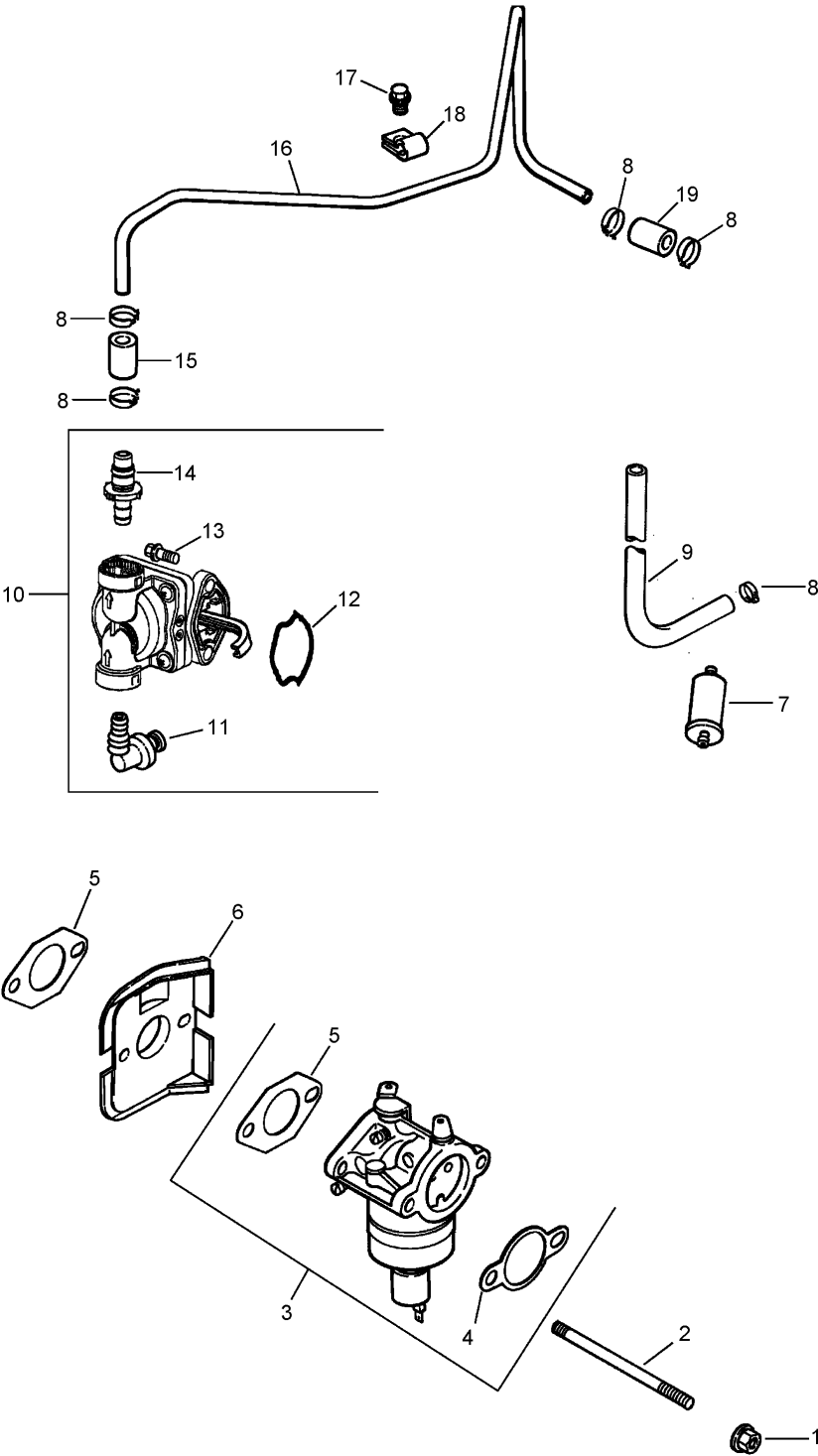
Engine Control Assembly

Kohler CV493S 27528

Ref	Part No.	Qty.	Description				
③1	12 079 11-S	1	Linkage-Choke				
③2	12 237 01-S	2	Clamp-Cable				
③3	M-545016-S	2	Screw-HF (M5X0.8X16)				
③4	M-664020-S	2	Screw-Socket, Lobed (M6X1.0X20)				
③5	12 536 02-S	1	Speed Control ASM (Incl. Ref. No. 6-8)				
③6	230293-S	1	Spacer-Shim				
③7	M-401030-S	1	Screw (M4X0.7X30)				
③8	M-446030-S	1	Nut-HF (M4X0.7)				
③9	52 089 07-S	1	Spring-Governor				
③10	12 755 83-S	1	Governor Lever Kit (Incl. Ref. No. 11-13)				
③11	12 100 07-S	1	Nut-HF (M6X1.0)				
③12	52 211 04-S	1	Screw-HF (M6X1.0X25)				
③13	12 090 28-S	1	Lever-Governor				
③14	25 158 11-S	1	Bushing-Retaining, Linkage				
③15	12 079 10-S	1	Linkage-Throttle				
③16	25 158 08-S	1	Bushing-Retaining, Linkage				

Fuel System Assembly

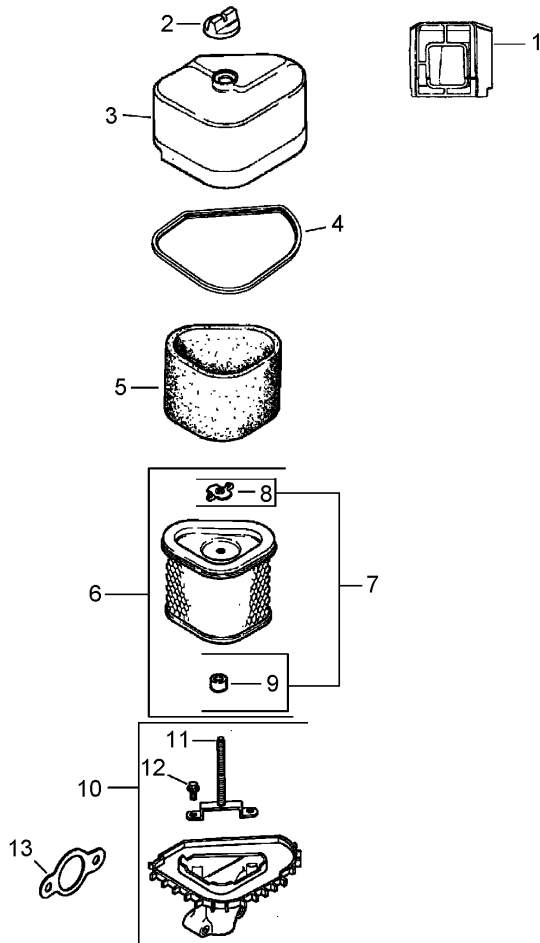
Kohler CV493S 27528



Fuel System Assembly

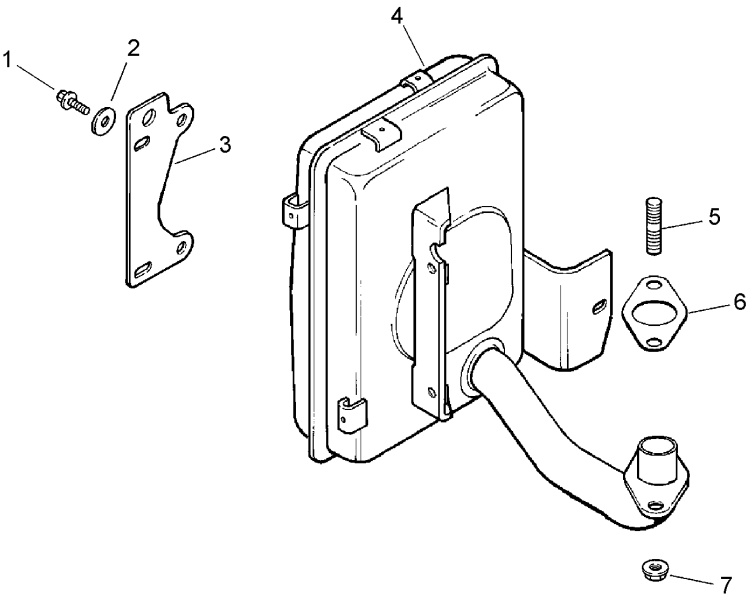
Kohler CV493S 27528

Ref	Part No.	Qty.	Description				
③1	M-641060-S	2	Nut-HF				
③2	M-629116-S	2	Stud (M6X1.0X116)				
③3	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)				
③4	12 041 02-S	1	Gasket-Base, Air Cleaner				
③5	12 041 01-S	2	Gasket-Carburetor				
③6	12 265 06-S	1	Deflector-Heat				
③7	25 050 08-S	1	Filter-Fuel				
③8	25 237 14-S	6	Clamp				
③9	52 353 18-S	1	Line-Fuel, 8In				
③10	12 559 02-S	1	Fuel Pump Kit (Incl. Ref. No. 11- 14)				
③11	12 294 13-S	1	Fitting-90 DEG				
③12	25 153 04-S	1	O-Ring (Fuel Pump)				
③13	M-664020-S	2	Screw-Socket, Lobed (M6X1.0X20)				
③14	24 294 09-S	1	Fitting-Straight				
③15	12 353 01-S	1	Line-Fuel (1-1/4In)				
③16	12 123 19-S	1	Line-Fuel. Metal				
③17	M-545010-S	1	Screw-HF (M5X0.8X10)				
③18	12 154 01-S	1	Clamp-Line, Fuel				
③19	41 353 18-S	1	Line-Fuel (2-1/2In)				
①③	12 757 02-S	1	Float Kit				
①③	12 757 03-S	1	Carburetor Repair Kit				
①③	12 757 36-S	1	Throttle Shaft Bearing Kit				
①③	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	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-Plate, Mounting				
❸12	12 086 01-S	2	Screw				
❸13	12 041 02-S	2	Gasket-Base, Air Cleaner				
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
Striping Kit	106-3370
Deck Lift Assist Kit	106-9749
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
Z Stand Kit, 400 Series Z Master	107-8599
Bagging Enhancement Kit	108-4091
Hitch kit	99-8924

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