Form Number 3351-975 Rev B

Z500 Z Master®
With 52in TURBO FORCE® Side Discharge Mower

Model No. 74239 - 250000001 and up.

Parts Catalog

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

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

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

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

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

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

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

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

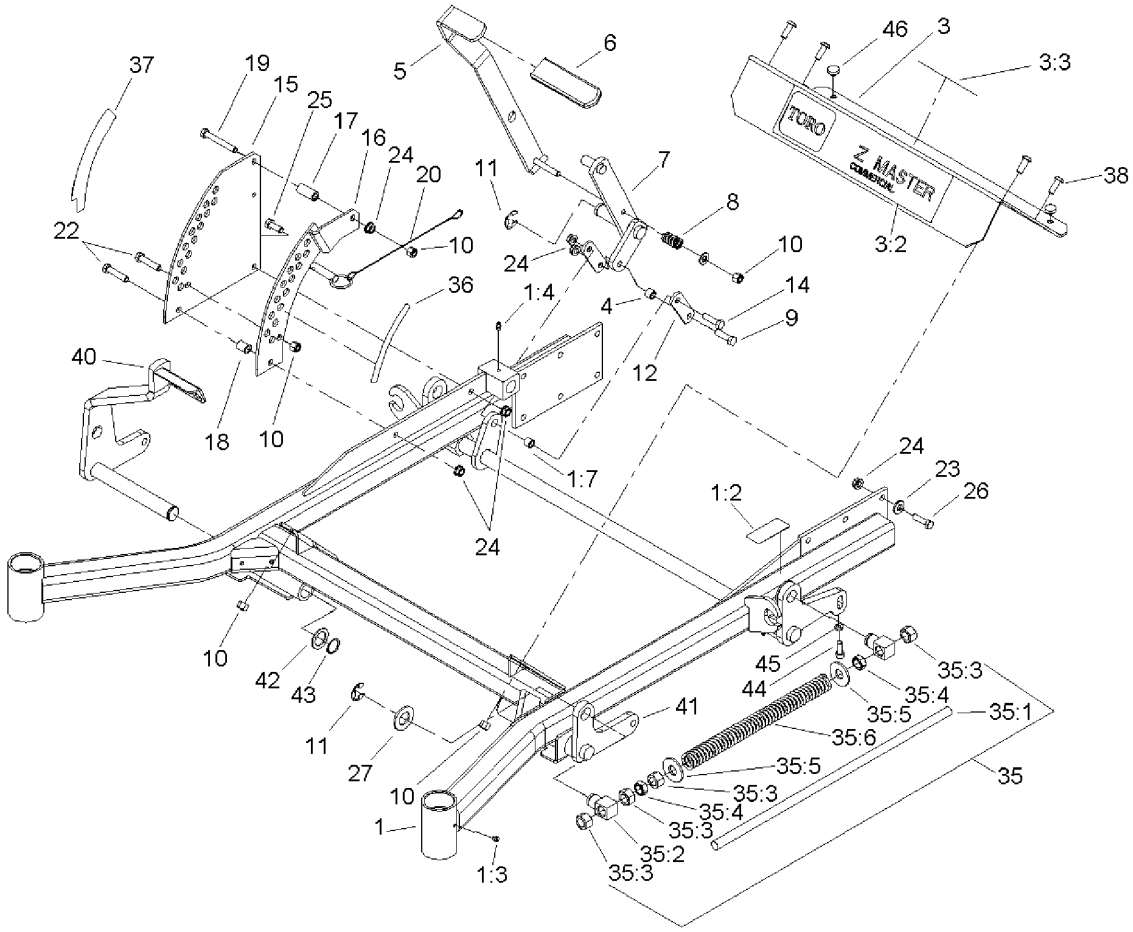
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex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

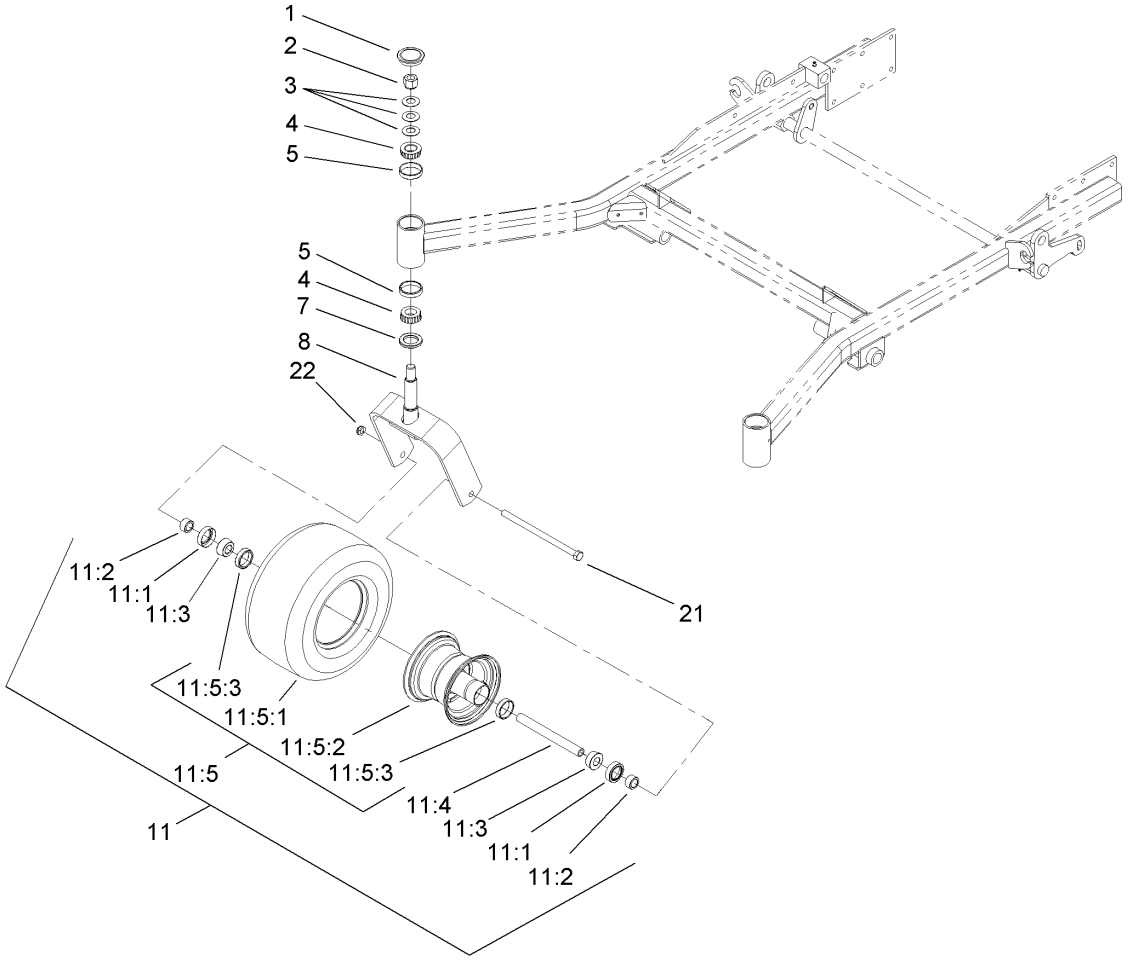
❸ Obtain from your local Kohler dealer



Front Frame Assembly

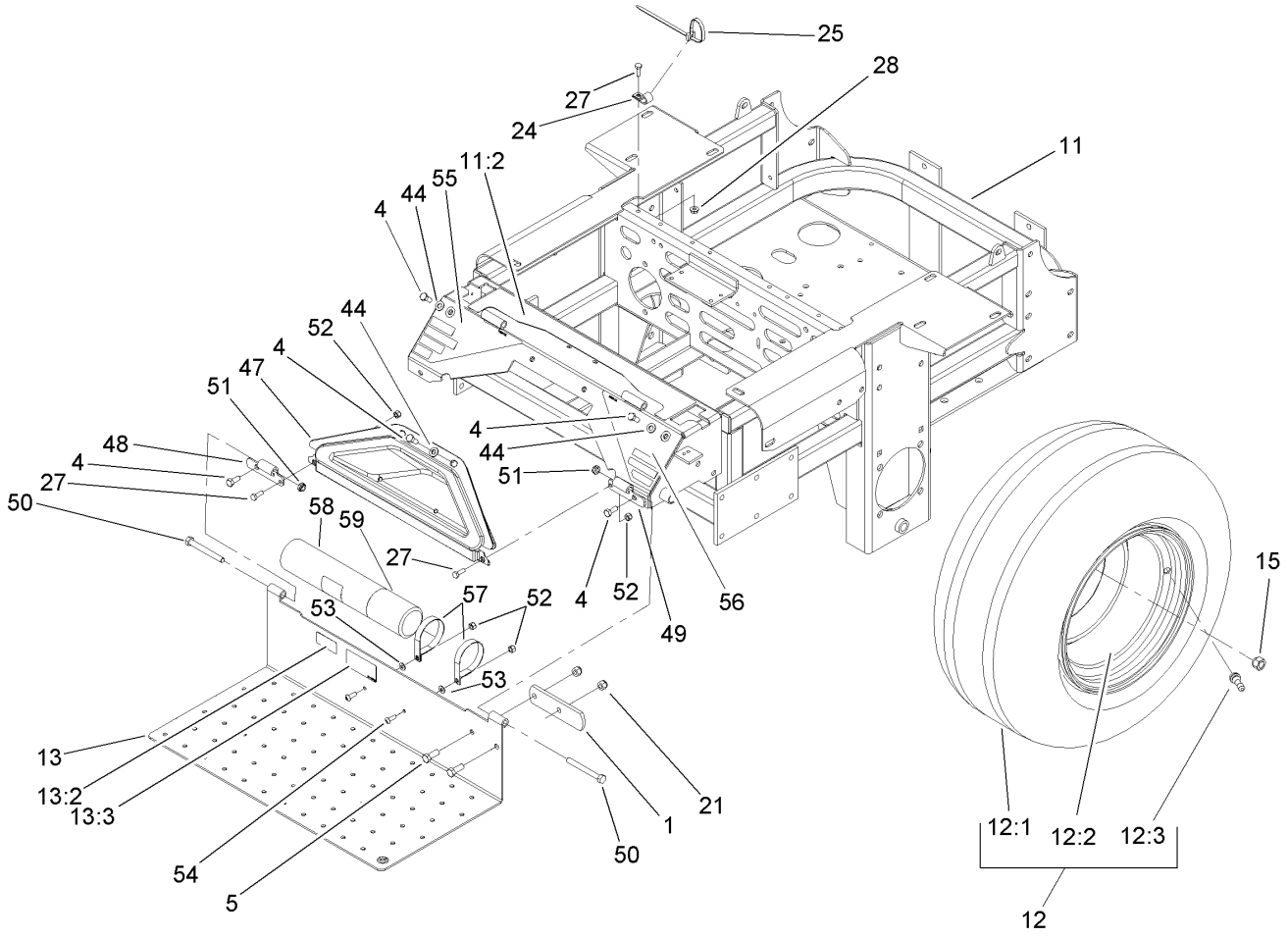
Ref	Part No.	Qty.	Description
1	106-8978	1	Frame ASM
1:2	107-1857	1	Decal-Brake, Parking
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:7	103-1918	1	Bushing
3	106-9981	1	Front Floorpan ASM
3:2	106-7451	1	Decal
3:3	107-2112	1	Decal-Warning
4	103-1918	1	Bushing
5	103-2083-03	1	Lift Lever ASM
6	1-633295	1	Grip-Lever, Lift
7	103-2064-03	1	Arm-Lift, Deck
8	1-633325	1	Spring-Compression
9	3256-24	1	Washer-Flat
10	3296-39	9	Nut-Lock, NI
11	32151-103	5	Ring-Snap
12	1-633068	2	Arm-Lift, Deck
14	323-29	2	Screw-HH
15	1-633889-01	1	Plate-Lift, Deck
16	1-632899-01	1	Plate-Lift, Deck
17	1-633082	1	Bushing-Lever, Lift
18	1-633080	1	Bushing-Lever, Lift
19	323-13	1	Screw-HH
20	106-9951	1	Hitch Pin ASM

Ref	Part No.	Qty.	Description
22	323-9	2	Screw-HH
23	98-5975	12	Washer-Belleville
24	3290-357	15	Nut-HHF, Whiz
25	323-6	1	Screw-HH
26	323-7	12	Screw-HH
27	3256-29	4	Washer-Flat
❷35		2	Front Frame Spring ASM
35:1	1-633096	1	Rod-Lift, Deck
35:2	1-633441	2	Swivel-Deck Mount, Rear
35:3	3217-11	4	Nut-Hex
35:4	3218-6	2	Nut-Jam
35:5	3256-7	2	Washer-Flat
35:6	1-633064	1	Spring-Support, Deck
36	107-1861	1	Decal-Height, Deck
37	107-1860	1	Decal-Height, Deck
38	3274-94	4	Screw-HSBH
40	106-8983-01	1	RH Deck Lift ASM
41	106-8984-01	1	LH Deck Lift ASM
42	1-523157	2	Washer-Spacer
43	32151-29	2	Ring-Retaining
44	3274-18	2	Screw-HSH
45	3218-2	2	Nut-Jam
46	1-513658	2	Bumper



Caster and Wheel Assembly

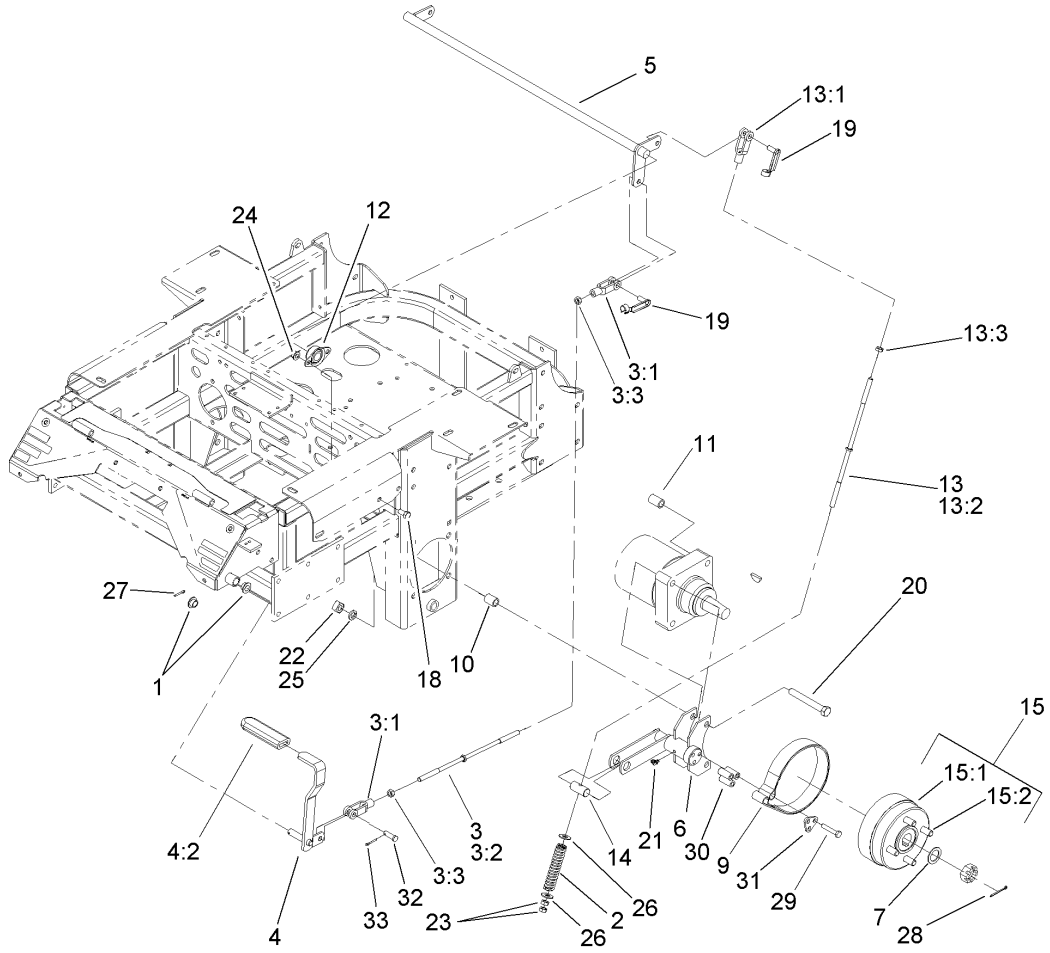
Ref	Part No.	Qty.	Description
1	103-4882	2	Cap-Grease
2	3296-51	2	Nut-Lock, NI
3	1-633508	6	Washer-Bellville
4	254-94	4	Bearing-Cone, Tapered
5	254-72	4	Bearing-Cup, Tapered
7	1-543511	2	Seal-Grease
8	1-642111-01	2	Caster
11	1-644251	2	Caster Wheel ASM
11:1	1-633580	2	Seal-Bearing
11:2	1-633581	2	Spacer-Bearing
11:3	1-633585	2	Bearing-Cone, Taper
11:4	1-633959	1	Spacer-Caster, Front
❷11:5		1	Wheel And Tire ASM
11:5:1	1-523009	1	Tire
11:5:2	1-633987	1	Wheel
11:5:3	1-633584	2	Bearing-Cup
21	325-24	2	Screw-HH
22	3296-45	2	Nut-Lock, NI



Main Frame Assembly

Ref	Part No.	Qty.	Description
1	1-633964-03	1	Stop-Brake, Park
4	322-43	6	Screw-HH
5	323-6	2	Screw-HH
11	108-1095	1	Main Frame ASM
11:2	107-8076	1	Decal-Console, Top
12	1-653010	2	Wheel And Tire ASM
12:1	1-653160	1	Tire
12:2	1-653158	1	Wheel
12:3	232-27	1	Stem-Valve
13	107-1858	1	Floorpan
13:2	98-4387	1	Decal-Protection, Ear
13:3	107-1864	1	Decal-Location, Manual
15	242-50	8	Nut-Lug
21	3296-39	2	Nut-Lock, NI
24	1-513762	1	Clip-Loom
25	1-303335	1	Tie-Plastic
27	321-4	3	Screw-HH
28	32128-33	1	Nut-HF
44	3256-70	6	Washer-Flat
47	106-7498	1	Pocket
48	106-7488-03	1	Hinge-Floorpan, LH
49	106-7489-03	1	Hinge-Floorpan, RH
50	323-20	2	Screw-HH
51	3296-59	2	Nut-Lock, NI

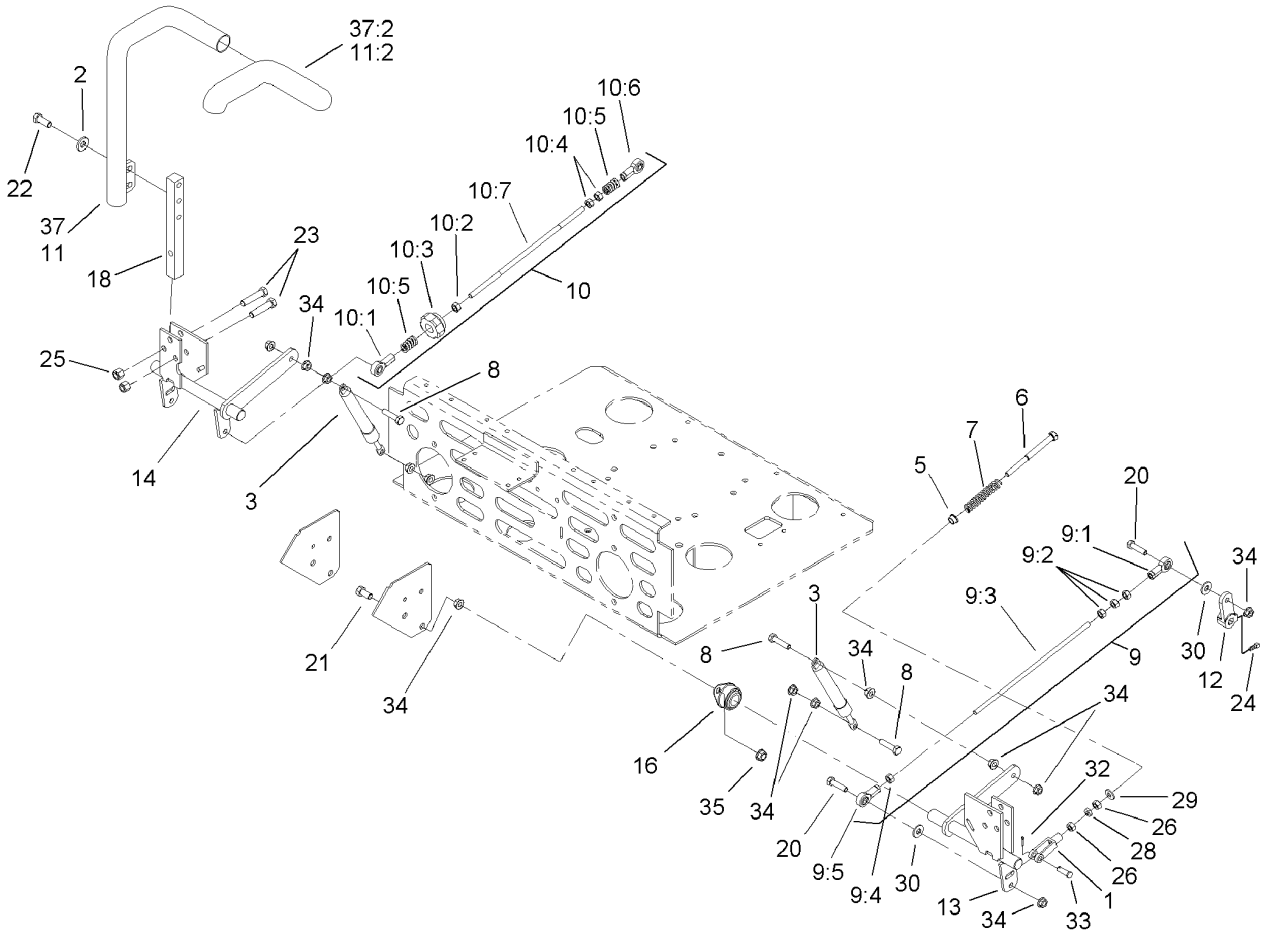
Ref	Part No.	Qty.	Description
52	3296-42	4	Nut-Lock, NI
53	3256-63	2	Washer-Flat
54	3258-166	2	Screw-PRH
55	106-9989	1	Decal-Warning
56	106-7492	1	Decal-Danger
57	107-1865	2	R-Clamp
58	104-7050	1	Housing-Manual
59	104-7048	1	Cap-Housing



Brake and Wheel Hub Assembly

Ref	Part No.	Qty.	Description
1	1-513140	2	Bearing-Control
2	1-633454	2	Spring-Brake
3	103-4332	1	Brake Rod And Yoke ASM
3:1	1-633131	2	Yoke-Linkage, Brake
3:2	1-633477	1	Rod-Brake
3:3	3219-3	2	Nut-Hex
4	1-634500	1	Brake Lever ASM
4:2	1-633268	1	Grip-Lever, Brake
5	1-632217-03	1	Shaft-Brake
6	103-0352-03	2	Bracket-Brake
7	1-523157	2	Washer-Spacer
9	103-0355	2	Band-Brake
10	1-633380	4	Spacer-Wheel, Short
11	1-633382	4	Spacer-Wheel, Long
12	1-633102	2	Bearing-Flange, Side
13	103-4333	2	Brake Rod And Yoke ASM
13:1	1-633131	1	Yoke-Linkage, Brake
13:2	1-633477	1	Rod-Brake
13:3	3219-3	1	Nut-Hex
14	1-633144	2	Pin-Trunion
15	103-0590	2	Hub And Wheel ASM
15:1	103-0589	1	Wheel Hub ASM
15:2	1-633926	4	Stud-Wheel
18	323-4	4	Screw-HH

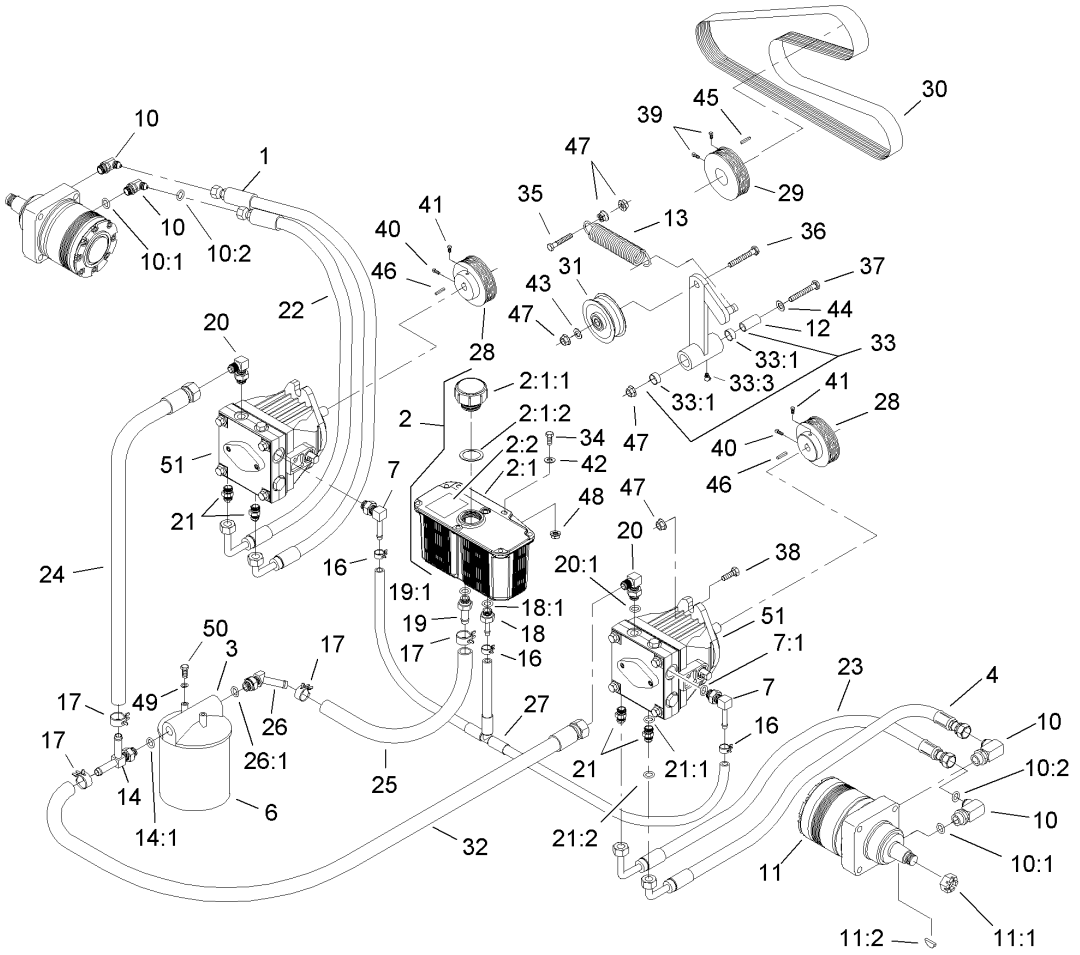
Ref	Part No.	Qty.	Description
19	103-2399	3	Pin-Spring, Clevis
20	325-17	8	Screw-HH
21	1481	2	Fitting-Grease
22	103-0131	8	Nut-Square
23	3219-3	4	Nut-Hex
24	3290-357	4	Nut-HHF, Whiz
25	3253-7	8	Washer-Lock
26	3256-4	4	Washer-Flat
27	3272-10	1	Pin-Cotter
28	1-806800	2	Pin-Cotter
29	322-9	6	Screw-HH
30	103-0384	6	Spacer
31	103-0374	2	Retainer-Band, Brake
32	1-808285	1	Pin-Clevis
33	3272-10	1	Pin-Cotter



Steering Control Assembly

Ref	Part No.	Qty.	Description
1	1-303105	2	Yoke-Adjustable
2	98-5975	4	Washer-Belleville
3	103-4079	2	Damper-Control, Motion
5	1-603735	2	Bushing-Flanged
6	1-603737	2	Bolt-Return, Neutral
7	1-603807	2	Spring-Return, Neutral
8	1-403180	4	Screw-HH
9	103-4331	1	Tracking Rod ASM
9:1	1-543017	1	Balljoint-RH
9:2	3219-2	3	Nut-Hex
9:3	103-3064	1	Link-Rod, Tracking
9:4	1-804524	1	Nut
9:5	1-633152	1	Balljoint-Thread, LH
10	103-4330	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	103-3064	1	Link-Rod, Tracking
11	108-7237	1	RH Lever ASM
11:2	106-9987	1	Grip-Control, Motion
12	1-632208	2	Arm-Control, Pump

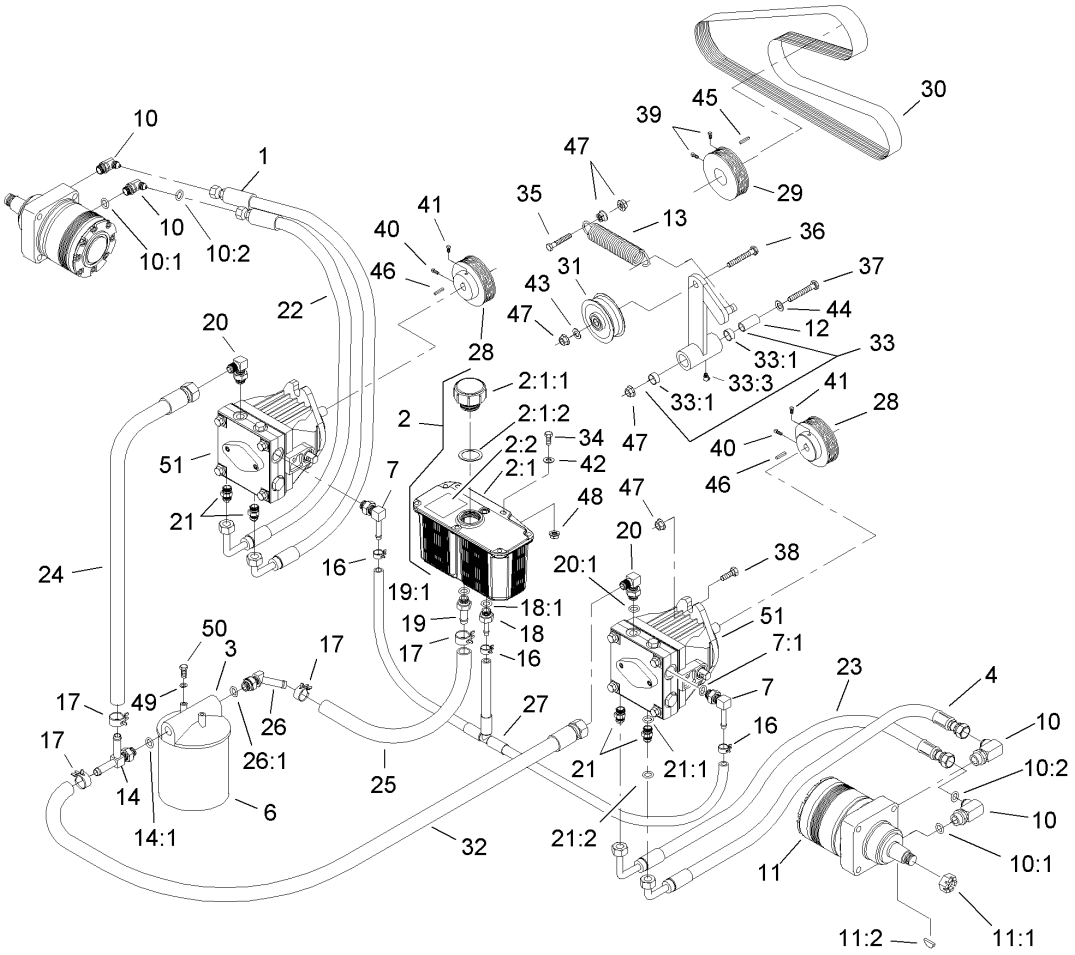
Ref	Part No.	Qty.	Description
13	103-4781	1	Control-Motion, LH
14	103-4782	1	Control-Motion, RH
16	1-633102	4	Bearing-Flange, Side
18	103-0407	2	Arm-Shaft, Control
20	322-6	4	Screw-HH
21	323-4	8	Screw-HH
22	323-6	4	Screw-HH
23	323-9	6	Screw-HH
24	1-803022	2	Screw-Set
25	3296-39	6	Nut-Lock, NI
26	3219-2	4	Nut-Hex
28	3220-2	2	Nut-Jam
29	3256-2	2	Washer-Flat
30	3256-3	4	Washer-Flat
32	3272-5	2	Pin-Cotter
33	1-808280	2	Pin-Clevis
34	32128-20	16	Nut-HF
35	3290-357	8	Nut-HHF, Whiz
37	108-7238	1	LH Lever ASM
37:2	106-9987	1	Grip-Control, Motion



Hydraulic System Assembly

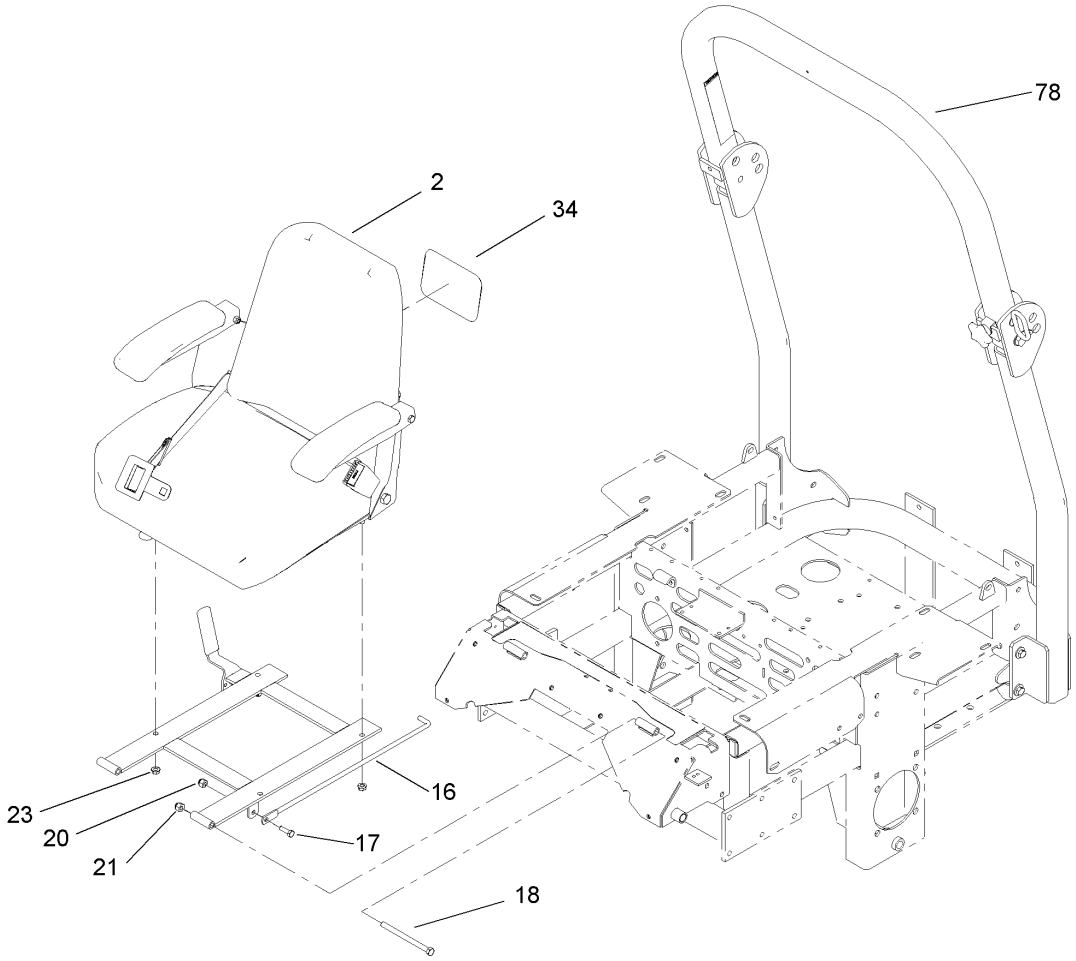
Ref	Part No.	Qty.	Description
1	103-3736	1	HYD Hose ASM
2	103-1947	1	HYD Reservoir ASM
❷2:1		1	Reservoir-HYD
2:1:1	103-1948	1	Cap-Reservoir, HYD
2:1:2	103-1949	1	Gasket-Cap
2:2	1-523552	1	Decal-Tank, HYD
3	104-7836	1	Head-Filter
4	103-3733	1	HYD Hose ASM
6	1-633750	1	Filter-HYD
6	1-633752	1	Filter-HYD, Winter
7	103-1799	2	Elbow-90 DEG
7:1	237-42	1	O-Ring
10	1-603991	4	Fitting-Straight
10:1	237-80	1	O-Ring
10:2	1-603992	1	O-Ring
11	103-6988	2	Motor-Wheel
11:1	1-809036	1	Nut-HH
11:2	3257-42	1	Key-Woodruff
❶11:99	1-000099	1	Seal Kit
❶11:99	1-000139	1	Bearing Kit
❶11:99	103-2748	1	Drive Link Kit
12	1-603384	1	Bushing-Pivot, Idler
13	103-3330	1	Spring-Extension
14	103-1828	1	Adapter-Run, Tee

Ref	Part No.	Qty.	Description
14:1	237-42	1	O-Ring
16	103-1716	3	Clamp-Hose
17	103-1988	4	Clamp-Hose
18	103-1801	1	Adapter-Straight
18:1	237-42	1	O-Ring
19	103-1912	1	Adapter-Straight
19:1	237-42	1	O-Ring
20	103-1802	2	Fitting-HYD, 90 DEG
20:1	1-603921	1	O-Ring
21	1-603990	4	Fitting-Straight
21:1	1-603920	1	O-Ring
21:2	1-603992	1	O-Ring
22	103-3737	1	HYD Hose ASM
23	103-3735	1	HYD Hose ASM
24	103-1826	1	HYD Hose ASM
25	103-1808	1	Hose-HYD
26	103-1807	1	Elbow-45 DEG
26:1	237-42	1	O-Ring
27	103-1806	1	HYD Hose ASM
28	103-6907	2	Sheave
29	1-633567	1	Sheave
30	103-7445	1	Belt-V
31	1-633167	1	Sheave-Idler
32	103-1827	1	HYD Hose ASM



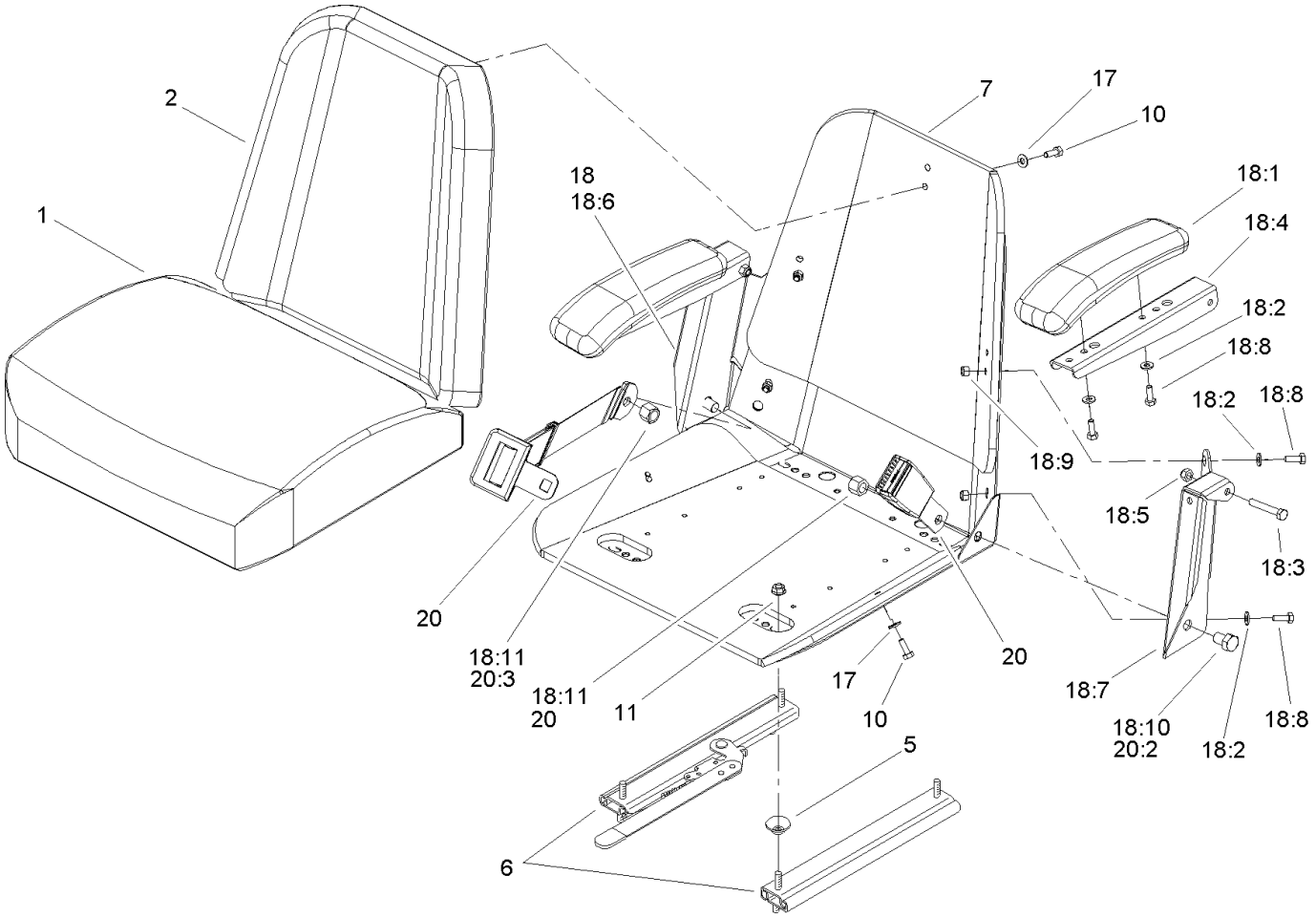
Hydraulic System Assembly (continued)

Ref	Part No.	Qty.	Description
33	1-634277	1	Bearing Arm ASM
33:1	1-513034	2	Sleeve-Bearing
33:3	302-40	1	Fitting-Grease
34	321-6	2	Screw-HH
35	323-8	1	Screw-HH
36	323-9	1	Screw-HH
37	1-800805	1	Screw-HH
38	323-7	4	Screw-HH
39	1-803022	2	Screw-Set
40	30-1710	2	Screw
41	1-803050	2	Screw-Set
42	3256-22	2	Washer-Flat
43	3256-3	1	Washer-Flat
44	3256-4	1	Washer-Flat
45	13-2840	1	Key-Square
46	1-807272	2	Key
47	3290-357	8	Nut-HHF, Whiz
48	32128-33	2	Nut-HF
49	1-805004	2	Washer-Lock
50	321-3	2	Screw-HH
51	103-7262	2	Pump-HYD



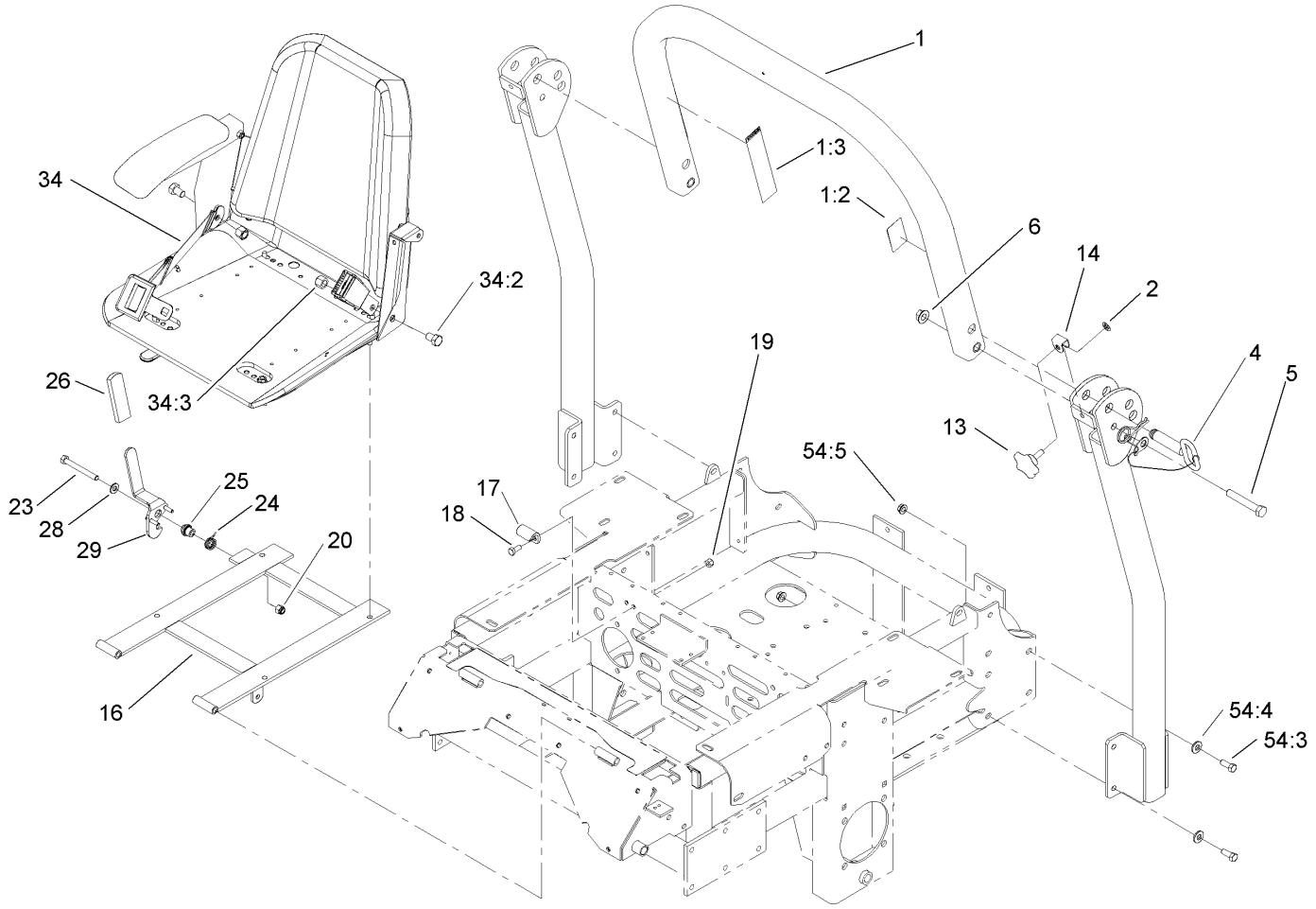
Seat and Roll-Over-Protection-System Assembly

Ref	Part No.	Qty.	Description
2	107-1867	1	Seat ASM
16	1-633293	1	Rod-Holdup, Seat
17	322-5	1	Screw-HH
18	323-39	2	Screw-HH
20	3296-29	3	Nut-Lock, NI
21	3296-39	3	Nut-Lock, NI
23	32128-20	4	Nut-HF
34	99-4693	1	Decal
78	108-1097	1	ROPS ASM



Seat Assembly No. 107-1867

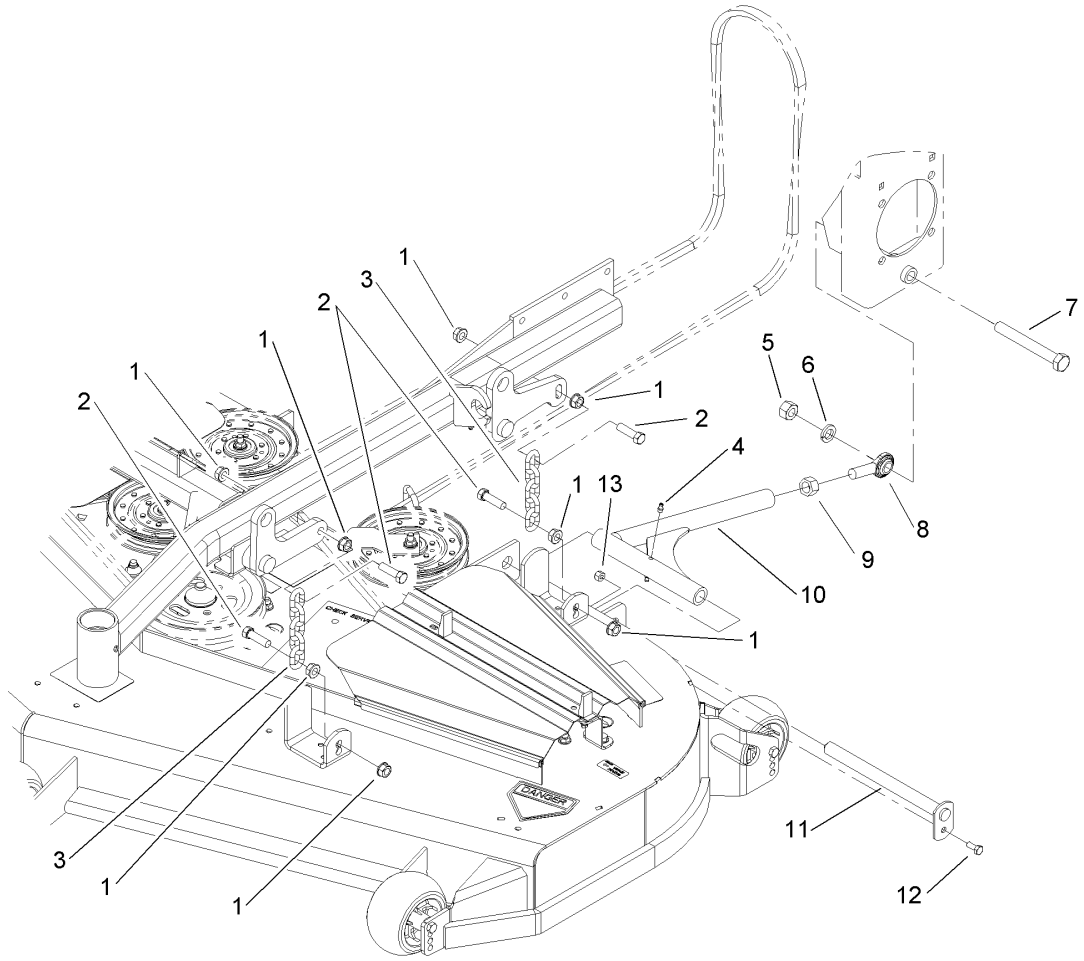
Ref	Part No.	Qty.	Description
1	103-0290	1	Cushion-Seat, Bottom
2	104-7754	1	Cushion-Seat, Back
5	1-543401	4	Spacer-Track
6	1-643255	1	Track-Seat
7	1-633859	1	Frame-Seat
10	321-30	11	Screw-HH
11	32128-20	4	Nut-HF
17	3256-22	11	Washer-Flat
18	105-3620	1	Armrest Kit
18:1	1-633710	2	Cushion-Armrest
18:2	3256-22	4	Washer-Flat
18:3	322-10	2	Screw-HH
18:4	105-3623	2	Channel-Armrest
18:5	32153-3	2	Nut-Hex, Side Deform
18:6	105-3621	1	Bracket-Armrest, RH
18:7	105-3622	1	Bracket-Armrest, LH
18:8	321-30	6	Screw-HH
18:9	3296-42	4	Nut-Lock, NI
18:10	325-2	2	Screw-HH
18:11	3296-23	2	Nut-Lock, NI
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. 108-1097

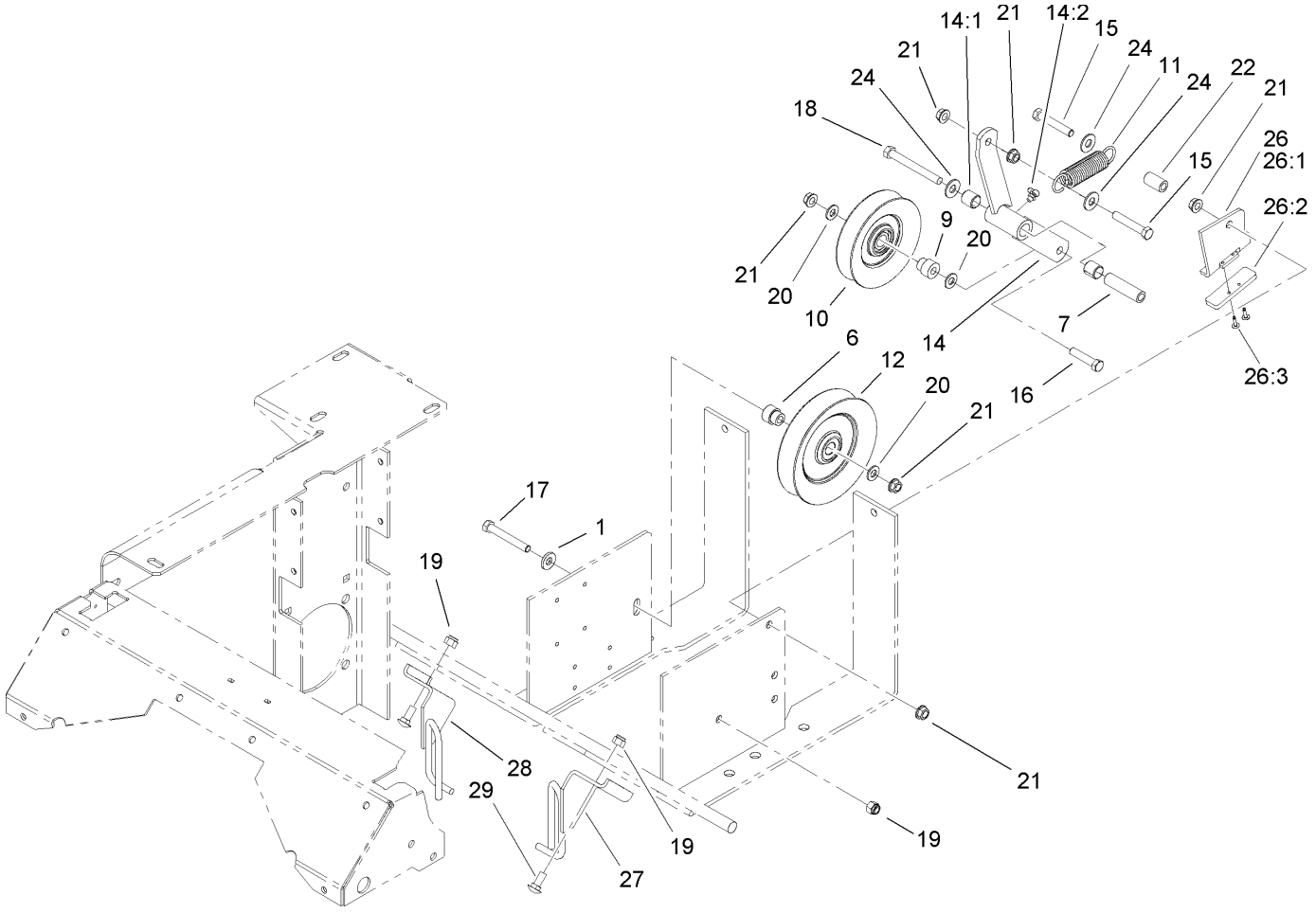
Ref	Part No.	Qty.	Description
❷1		1	Upper Tube ASM
1:2	107-2101	1	Decal-ROPS
1:3	107-2102	1	Decal-Warning, Folding ROPS
2	107-3154	2	Nut-Push
4	103-4553	2	ROPS Fold Pin ASM
5	325-13	2	Screw-HH
6	32128-23	2	Nut-HF
13	106-0887	2	Knob
14	107-3124	2	Clip
16	107-3052-03	1	Seat Support Frame ASM
17	107-3058	1	Catch-Latch, Seat
18	322-3	2	Screw-HH
19	3296-29	2	Nut-Lock, NI
20	3296-39	1	Nut-Lock, NI
23	323-20	1	Screw-HH
24	107-0076	1	Spring-Torsion
25	107-0075	1	Bushing-Latch, Seat
26	62-9130	1	Grip-Handle
28	3256-24	1	Washer-Flat
29	107-3083	1	Latch ASM
34	103-4469	1	Seatbelt Kit
34:2	3212-4	2	Screw-HH
34:3	3296-38	2	Nut-Lock, NI
❶54		1	ROPS Bolt Bag

Ref	Part No.	Qty.	Description
54:3	323-6	8	Screw-HH
54:4	98-5975	8	Washer-Belleville
54:5	3290-357	8	Nut-HHF, Whiz



Deck Connection Assembly

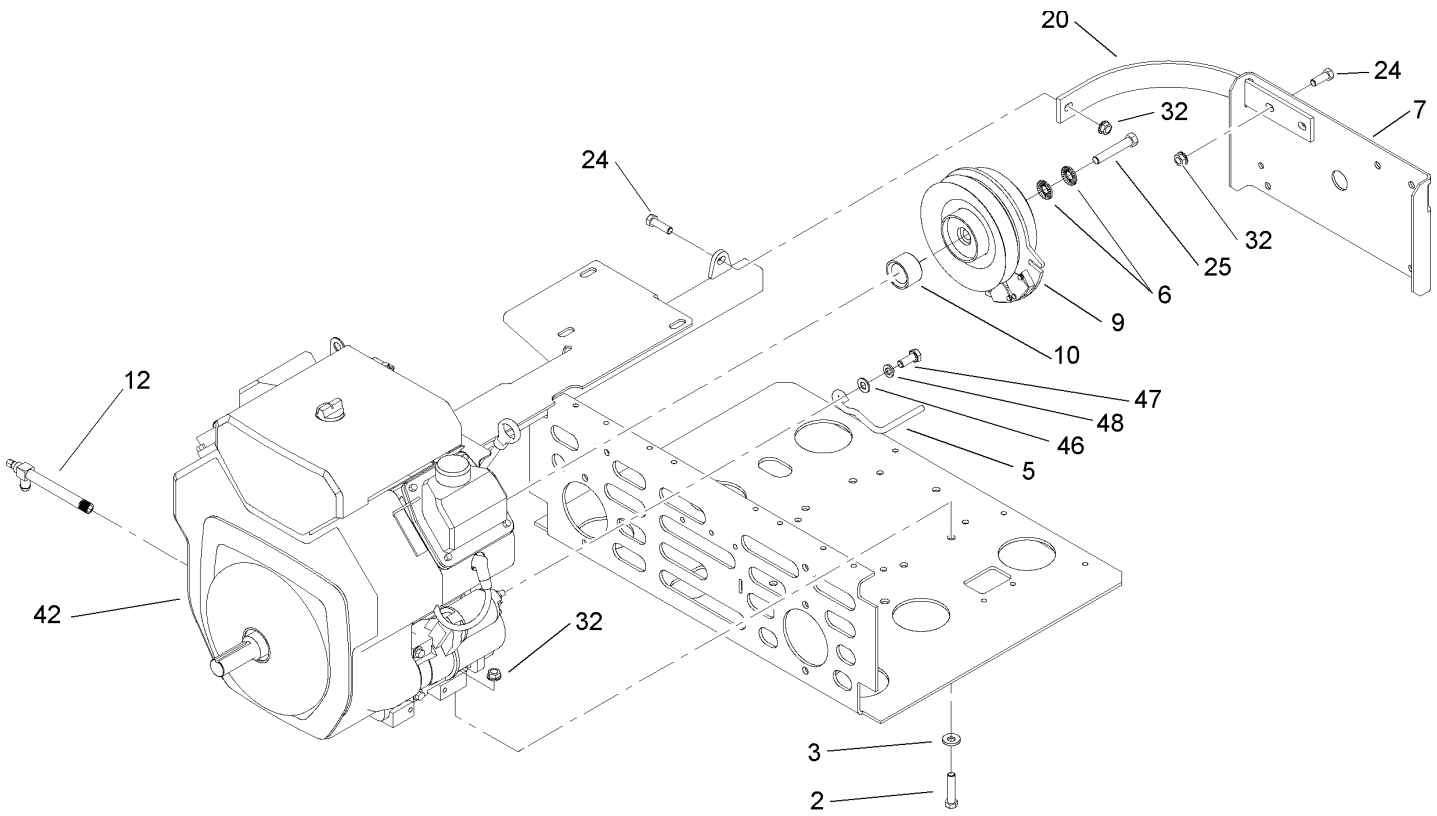
Ref	Part No.	Qty.	Description
1	32128-37	16	Nut-HF
2	103-1898	8	Screw-HH
3	1-633447	4	Chain-Lift, Deck
4	302-19	4	Fitting-Grease
5	3217-11	2	Nut-Hex
6	3253-8	2	Washer-Lock
7	327-11	2	Screw-HH
8	1-633029	2	Balljoint-Spherical
9	3219-6	2	Nut-Hex
10	103-1072-01	2	Strut
11	1-632199-01	2	Pin-Strut
12	322-3	2	Screw-HH
13	3296-29	2	Nut-Lock, NI



Drive Idler Assembly

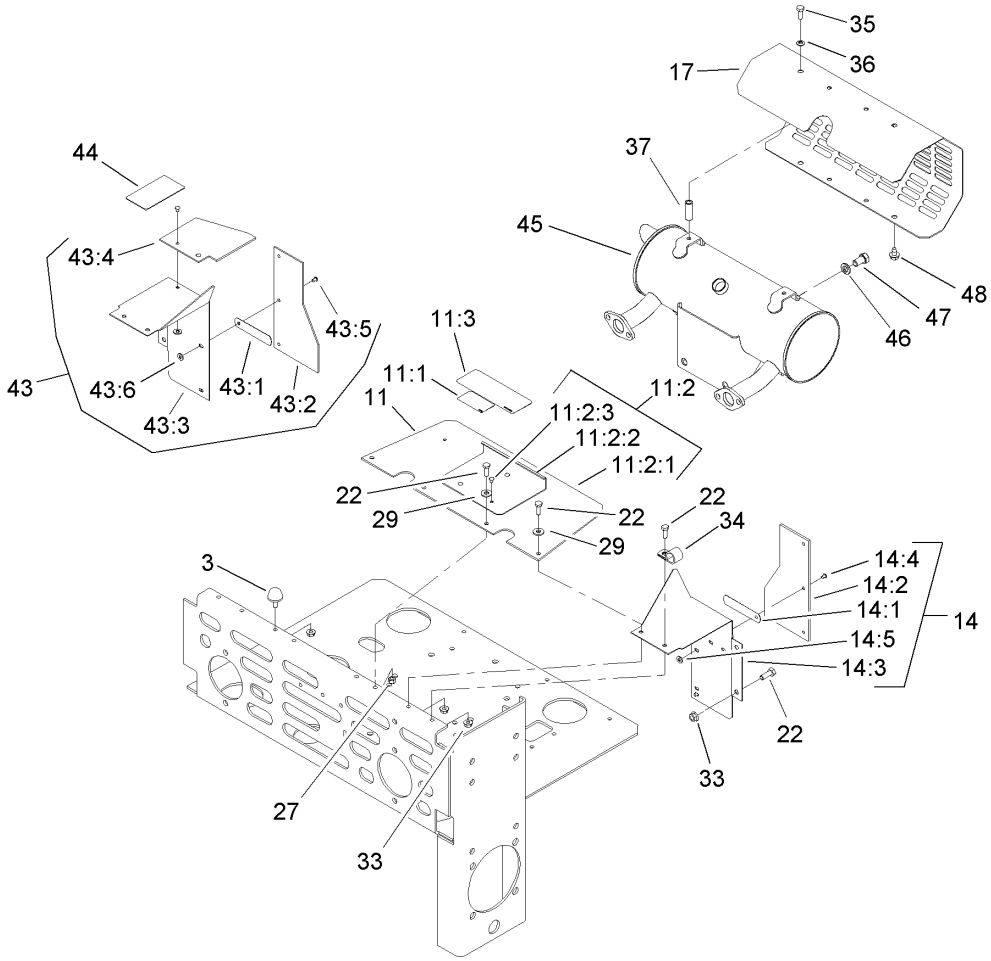
Ref	Part No.	Qty.	Description
1	98-5975	1	Washer-Belleville
6	103-2627	1	Bushing-Idler
7	1-603384	1	Bushing-Pivot, Idler
9	1-603496	1	Bushing-Idler
10	99-4638	1	Idler
11	1-603402	1	Spring-Extension
12	1-633166	1	Pulley-Idler
14	103-3147	1	Arm ASM
14:1	1-513034	2	Sleeve-Bearing
14:2	302-40	1	Fitting-Grease
15	323-12	2	Screw-HH
16	323-9	1	Screw-HH
17	323-13	1	Screw-HH
18	1-800805	1	Screw-HH
19	3296-39	3	Nut-Lock, NI
20	3256-24	3	Washer-Flat
21	3290-357	6	Nut-HHF, Whiz
22	1-603401	1	Spacer-Fender
24	3256-4	3	Washer-Flat
26	106-3271	1	Travel Limiter ASM
26:1	106-3228-03	1	Plate-Limiter, Pulley
26:2	106-3229	1	Pad-Bumper
26:3	3269-24	2	Rivet
27	108-7204-03	1	Guide-Belt, LH

Ref	Part No.	Qty.	Description
28	108-7229-03	1	Guide-Belt, RH
29	3231-2	2	Screw-CARR



Engine and Clutch Assembly

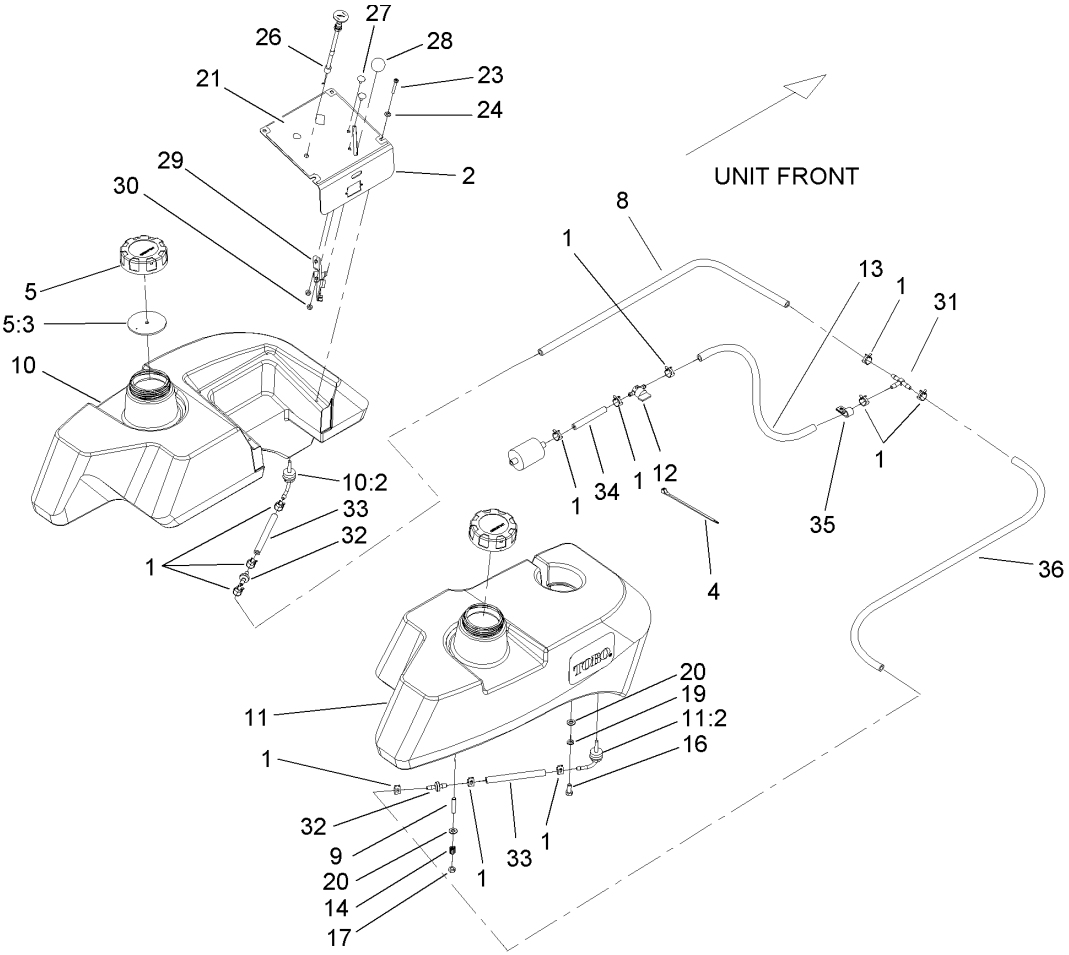
Ref	Part No.	Qty.	Description
2	323-9	4	Screw-HH
3	98-5975	4	Washer-Belleville
5	52-4780	1	Rod-Belt
6	1-603610	2	Washer-Spring
7	1-633615-03	1	Guard-Clutch
9	103-6590	1	Clutch
10	1-633453	1	Spacer-Clutch
12	103-1996	1	Valve-Oil Drain, Long
20	103-7454-03	2	Strap-Guard
24	323-6	6	Screw-HH
25	3212-10	1	Screw-HH
32	3290-357	8	Nut-HHF, Whiz
❷42		1	Engine-Kohler, Ch23S 76584
46	3256-24	1	Washer-Flat
47	323-6	1	Screw-HH
48	98-5975	1	Washer-Belleville



Muffler and Guard Assembly

Ref	Part No.	Qty.	Description
3	1-523420	2	Bumper
11	1-644276	1	Shield ASM
11:1	1-633462	1	Decal-Important
11:2	1-634308	1	Shield/Lift ASM
11:2:1	103-1308	1	Shield-Engine
11:2:2	1-633300-03	1	Lift-Shield
11:2:3	1-803035	3	Rivet-Pop
11:3	103-5881	1	Decal-Devices, Rotating
14	1-634796	1	LH Shield ASM
14:1	1-523285	1	Clip-Baffle, Rear
14:2	1-633301	1	Shield-Engine
14:3	1-633795-03	1	Baffle-Engine Shield, LH
14:4	1-803035	3	Rivet-Pop
14:5	3256-63	3	Washer-Flat
17	1-643313-03	1	Guard-Muffler
22	321-4	10	Screw-HH
27	3296-42	4	Nut-Lock, NI
29	3256-2	4	Washer-Flat
33	32128-33	5	Nut-HF
34	1-633396	1	Clip-Loom
35	1-809108	2	Screw-HWH
36	1-323235	2	Washer-Spring
37	1-323236	2	Spacer
43	1-644316	1	RH Shield ASM

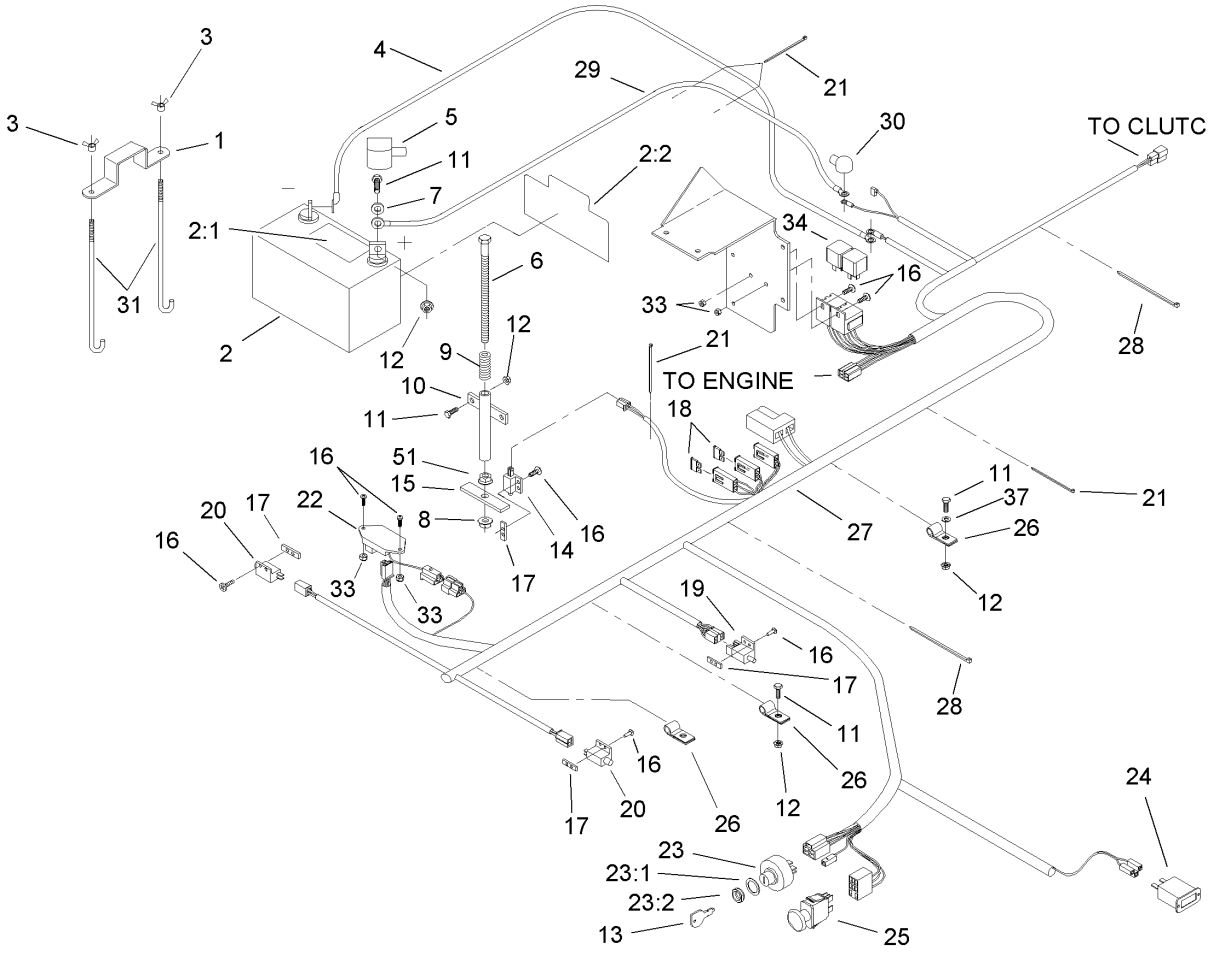
Ref	Part No.	Qty.	Description
43:1	1-523285	1	Clip-Baffle, Rear
43:2	1-633301	1	Shield-Engine
43:3	1-633794-03	1	Shield-RH
43:4	1-643315	1	Baffle-Cooler, Engine
43:5	1-803035	5	Rivet-Pop
43:6	3256-63	5	Washer-Flat
44	1-643339	1	Decal-Routing, Belt
45	103-7482	1	Muffler
46	3253-6	2	Washer-Lock
47	324-2	2	Screw-HH
48	9266934	2	Screw



Fuel Tank Assembly

Ref	Part No.	Qty.	Description
1	1-303077	13	Clamp
2	107-8079-03	1	Panel-Control
4	1-303335	4	Tie-Plastic
5	88-3980	2	Gas Cap ASM
5:3	88-4010	1	Gasket-Cap, Gas
8	94-7420	1	Hose-Fuel
9	1-633023	6	Stud
10	106-9980	1	LH Fuel Tank ASM
10:2	103-2605	1	Fitting-Fuel, Bulkhead
11	106-9979	1	RH Fuel Tank ASM
11:2	103-2605	1	Fitting-Fuel, Bulkhead
12	1-603770	1	Valve-Fuel
13	107-2119	1	Hose-Fuel
14	1-633349	6	Spring-Tank, Fuel
16	322-3	2	Screw-HH
17	3296-47	6	Nut-Lock, NI
19	1-805005	2	Washer-Lock
20	3256-23	8	Washer-Flat
21	106-9969	1	Decal-Panel, Control
23	1-803071	4	Screw
24	1-303435	4	Washer-Spring
26	106-9962	1	Control-Choke, Push / Pull
27	1-807513	2	Bolt-CARR
28	1-513592	1	Knob-Ball

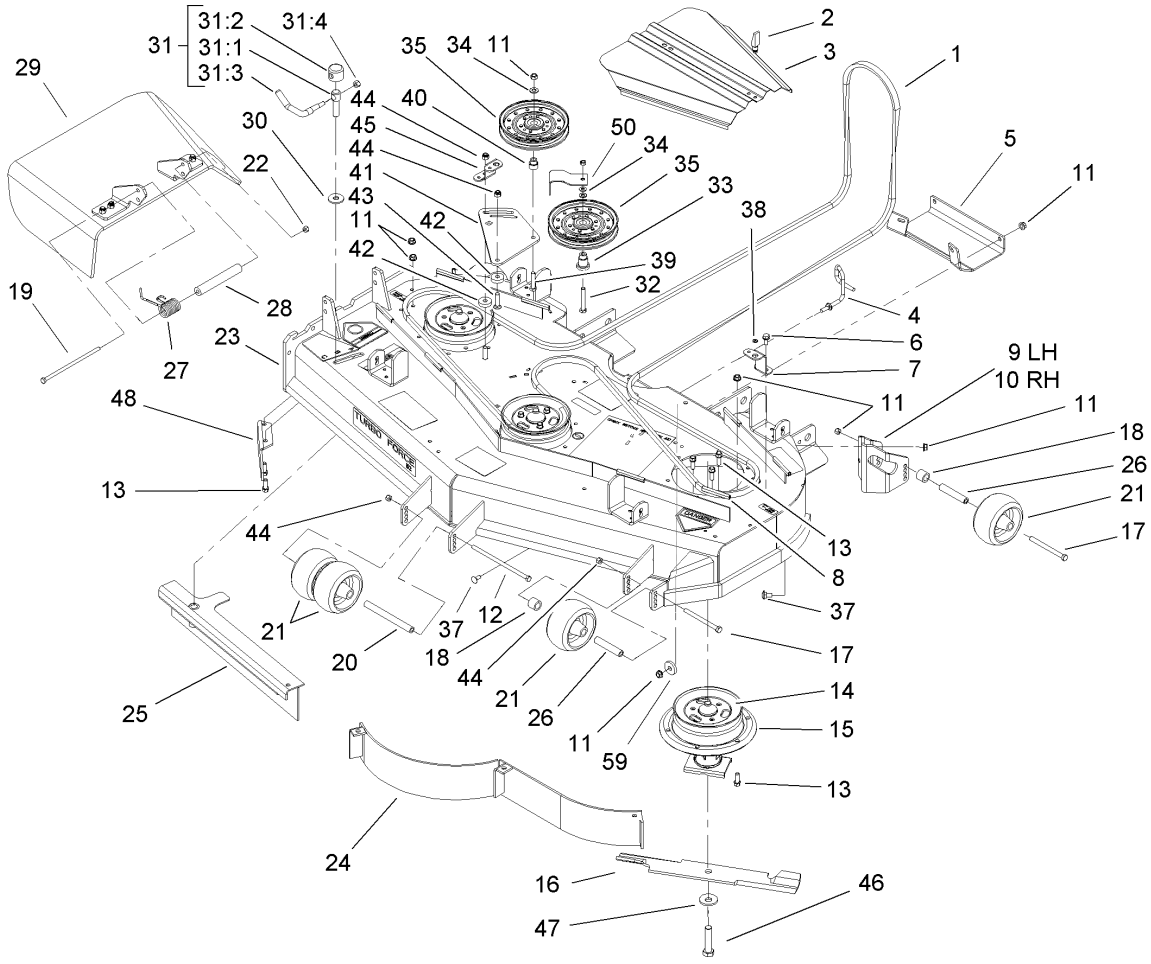
Ref	Part No.	Qty.	Description
29	107-8073	1	Cable-Throttle
30	3296-2	2	Nut-Lock
31	99-5005	1	Fitting-Tee, Barbed
32	99-5000	2	Valve-Check, Fuel
33	99-7190	2	Hose-Fuel
34	105-8342	1	Hose-Fuel
35	1-513762	1	Clip-Loom
36	1-543526	1	Hose-Fuel



Electrical Assembly

Ref	Part No.	Qty.	Description
1	1-633652-03	1	Strap-Holddown
2	105-1692	1	Battery
2:1	104-4163	1	Decal-Battery
2:2	104-4164	1	Decal-Battery
3	1-543792	2	Wingnut
4	1-633307	1	Wire-Ground
5	1-543391	1	Insulator-Battery
6	1-800282	1	Screw-HH
7	3256-2	2	Washer-Flat
8	3296-29	1	Nut-Lock, NI
9	1-523415	1	Spring-Switch, Seat
10	1-522424-03	1	Mount-Spring, Seat
11	321-4	6	Screw-HH
12	32128-33	6	Nut-HF
13	63-8360	2	Key-Ignition
14	1-513152	1	Switch-Closed, Normally
15	1-513180	1	Plate-Switch, Seat
16	3290-500	12	Screw-PPH
17	1-633181	4	Plate-Tapped
18	1-816001	2	Fuse-Blade Type, 20 Amp
19	1-633111	1	Switch
20	1-513051	2	Switch-Open, Normally
21	1-303287	5	Tie-Plastic
22	100-6186	1	Module-Delay, Seat

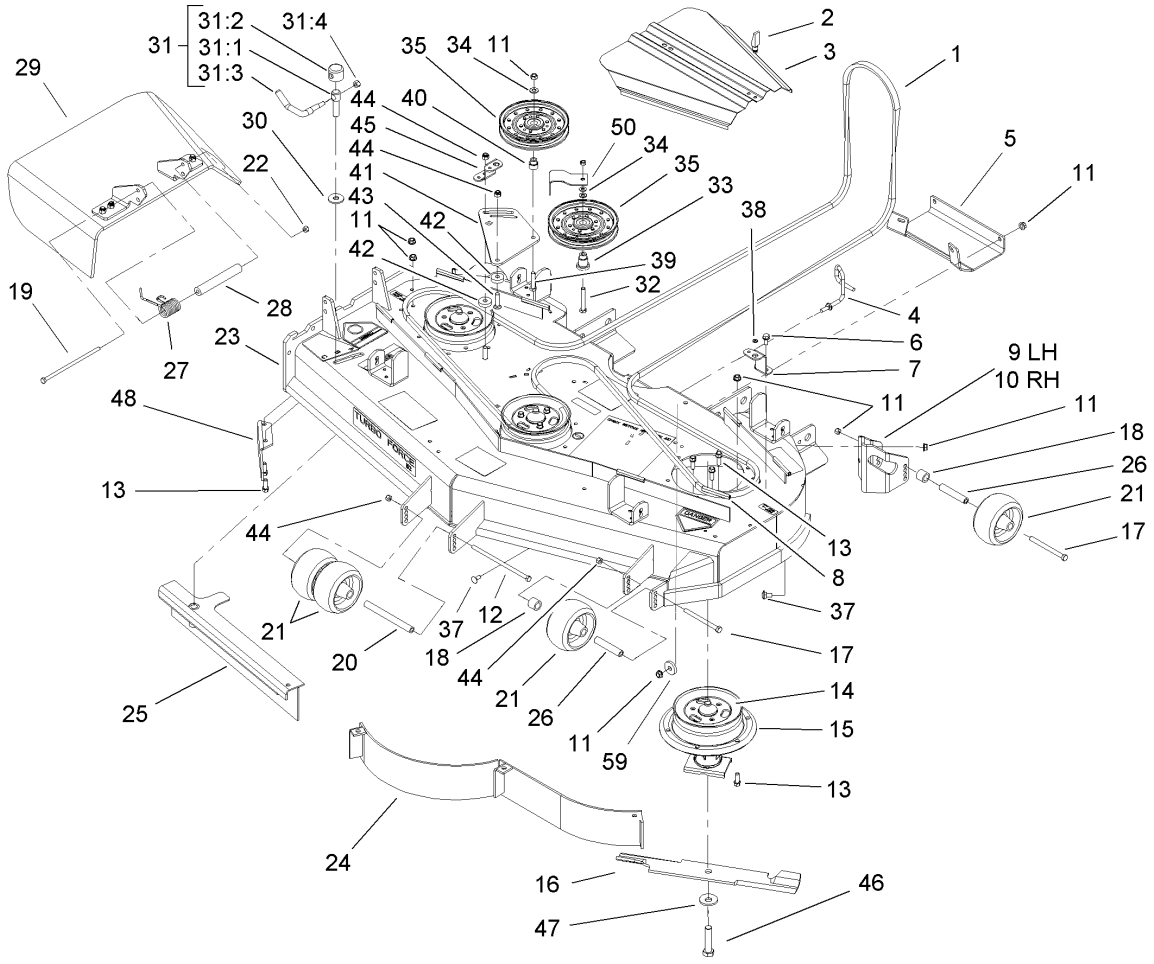
Ref	Part No.	Qty.	Description
23	88-9830	1	Key Switch ASM
23:1	3254-5	1	Washer-Tooth
23:2	218-461	1	Nut-HH
24	1-513374	1	Meter-Hour
25	1-633673	1	Switch-Delta
26	1-633396	3	Clip-Loom
27	106-7497	1	Harness-Wire
28	1-303335	2	Tie-Plastic
29	1-523281	1	Wire-Starter
30	1-543393	1	Insulator-Solenoid
31	1-633651	2	Bolt-Holddown
33	3296-2	4	Nut-Lock
34	1-643275	2	Relay
37	3256-22	1	Washer-Flat
51	3217-6	1	Nut-Hex



Deck Assembly

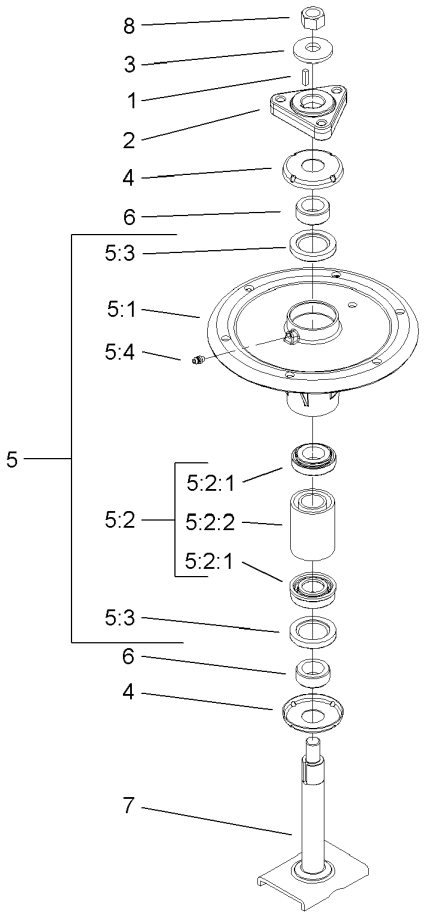
Ref	Part No.	Qty.	Description
1	105-7790	1	Belt
2	74-5950	4	Latch-Swell
3	105-8786-01	2	Cover-Belt
4	106-3220	1	Guide-Belt
5	106-7358-01	1	Plate-Skid
6	32144-70	4	Screw-HH
7	105-8787-01	3	Bracket-Cover
8	105-7699	8	Strip-Seal
9	106-7354-01	1	Plate-Roller, LH
10	106-7355-01	1	Plate-Roller, RH
11	3290-357	38	Nut-HHF, Whiz
12	323-28	1	Screw-HH
13	92-1624	33	Screw
14	105-7735	3	Pulley
15	106-3217	3	Spindle ASM
16	105-7781-03	3	Blade-Hi Flow
17	323-23	3	Screw-HH
18	98-7913	3	Tube-Spacer
19	322-50	1	Screw-HH
20	98-5967	1	Spacer-Wheel
21	1-603299	5	Roller-Scalp, Anti
22	3296-29	1	Nut-Lock, NI
23	107-1623	1	52 Inch Deck ASM
24	105-7754-01	1	Baffle ASM

Ref	Part No.	Qty.	Description
25	105-7755-01	1	Baffle ASM
26	98-7912	3	Tube-Spanner
27	104-8554	1	Spring-Torsion
28	105-4622	1	Spacer
29	106-3249	1	Rubber Deflector ASM
30	105-7697	1	Washer-Plastic
31	106-3242	1	Lever ASM
31:1	106-3239	1	Screw-Lock
31:2	106-3240	1	Cap-Lock
31:3	106-3241	1	Lever-Lock
31:4	3296-29	1	Nut-Lock, NI
32	323-12	2	Screw-HH
33	106-3214	2	Mount-Pulley
34	3256-24	3	Washer-Flat
35	1-633109	3	Idler-Flat
37	3231-1	10	Screw-CARR
38	99-3058	4	Washer
39	323-9	1	Screw-HH
40	1-603496	1	Bushing-Idler
41	105-7787-01	1	Plate-Idler
42	105-7788	2	Spacer
43	3231-4	2	Screw-CARR
44	3296-39	6	Nut-Lock, NI
45	105-7789-01	1	Bracket-Cover, Belt



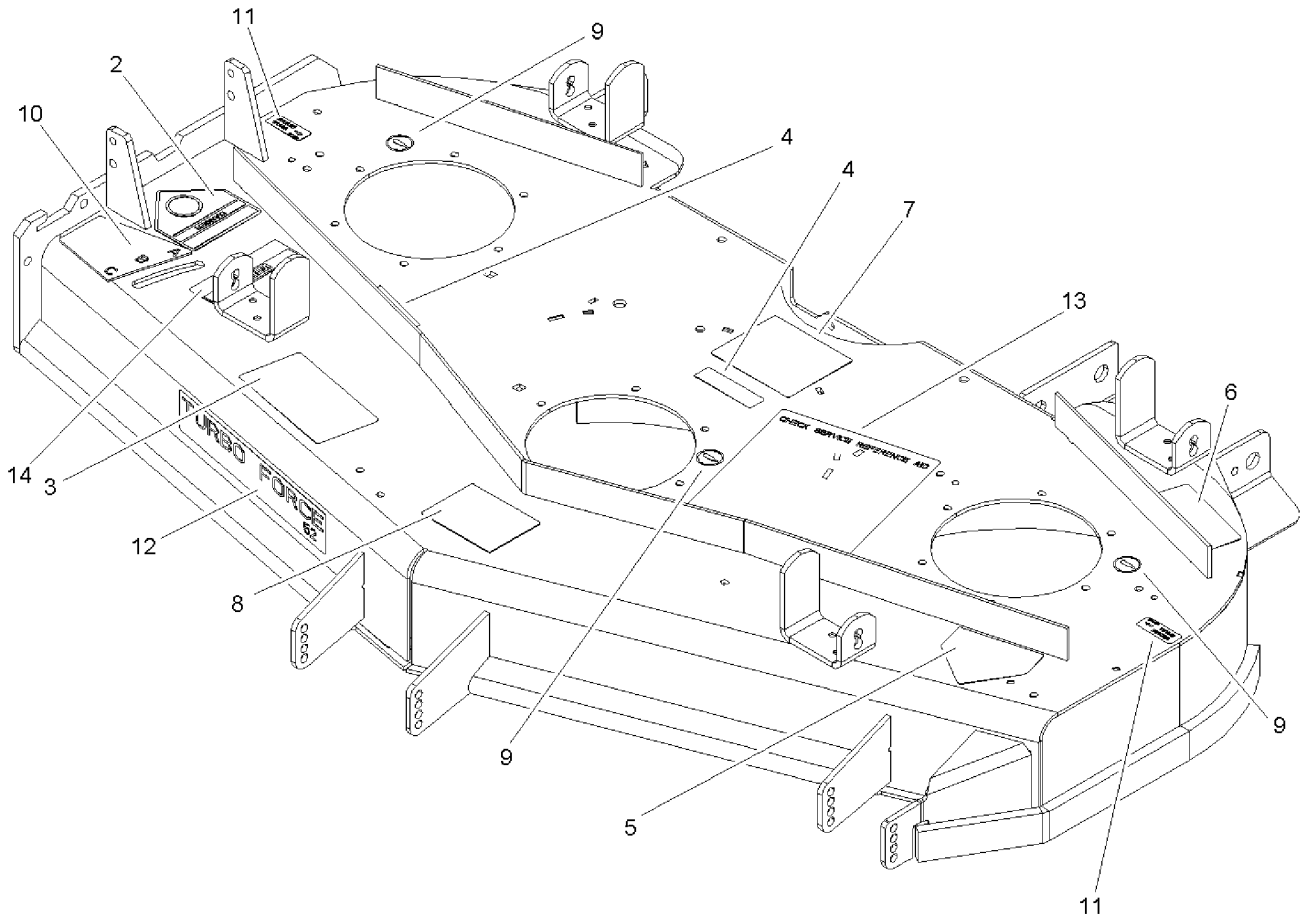
Deck Assembly (continued)

Ref	Part No.	Qty.	Description
46	103-0862	3	Screw-Cap
47	103-0865	3	Washer-Blade Bolt, Heavy
48	106-3216-01	1	Baffle-Discharge
50	108-7220-01	1	Guide-Belt
59	112843	1	Washer



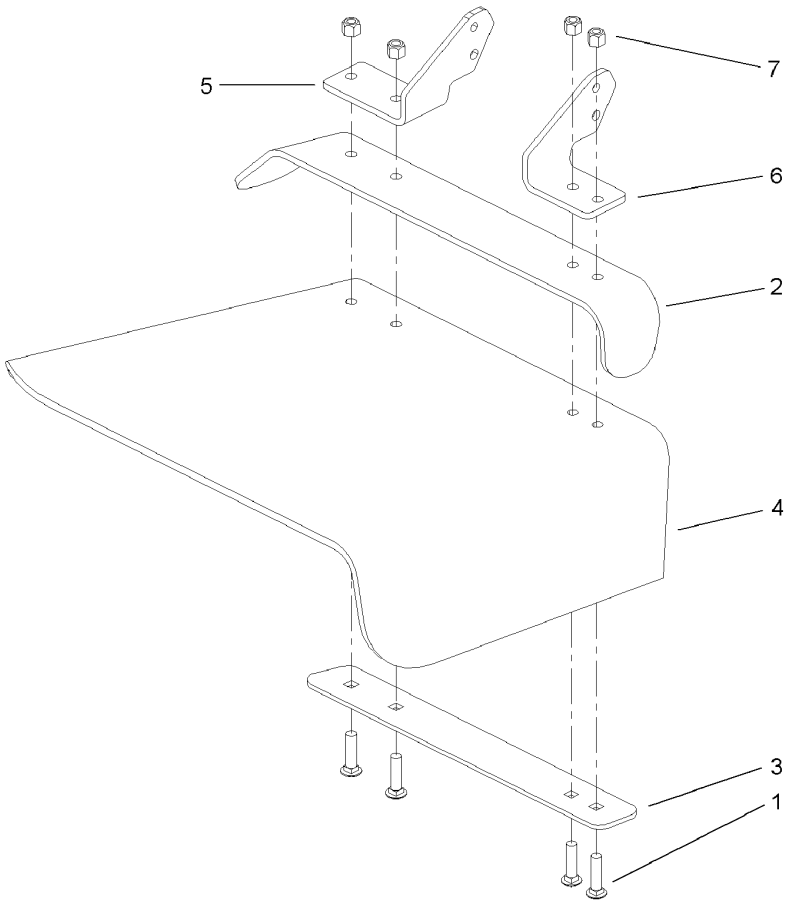
Spindle Assembly No. 106-3217

Ref	Part No.	Qty.	Description
1	10-8040	1	Key-Square
2	106-3277	1	Hub-Pulley
3	103-0865	1	Washer-Blade Bolt, Heavy
4	106-3204	2	Shield-Bearing
❷5		1	Spindle Bearing ASM
5:1	106-3211	1	Housing-Spindle
5:2	106-3207	1	Bearing ASM
5:2:1	27-0960	1	Bearing ASM
5:2:2	106-3206	1	Spacer-Set, Matched
5:3	253-133	2	Seal-Oil
5:4	302-5	1	Fitting-Grease
6	106-3218	2	Spacer-Seal
7	106-3233	1	Spindle Shaft ASM
8	3219-6	1	Nut-Hex



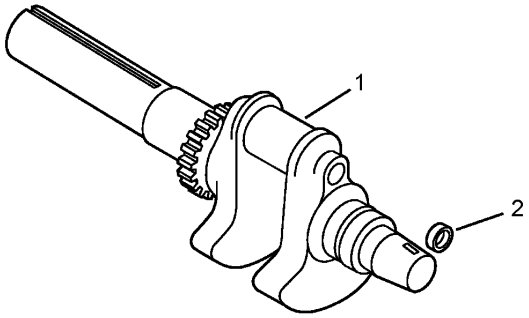
Deck Decal Assembly No. 107-1623

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	43-8480	1	Decal-Danger
6	68-8340	1	Decal-Torque
7	105-7797	1	Decal-Routing, Belt
8	105-7798	1	Decal-Scalp, Anti
9	58-6520	3	Decal-Grease
10	107-1622	1	Decal-Adjustment, Baffle
11	107-1613	2	Decal-Grease
12	107-1618	1	Decal
13	107-1621	1	Decal-Service, Check
14	104-8569	1	Decal-Warning



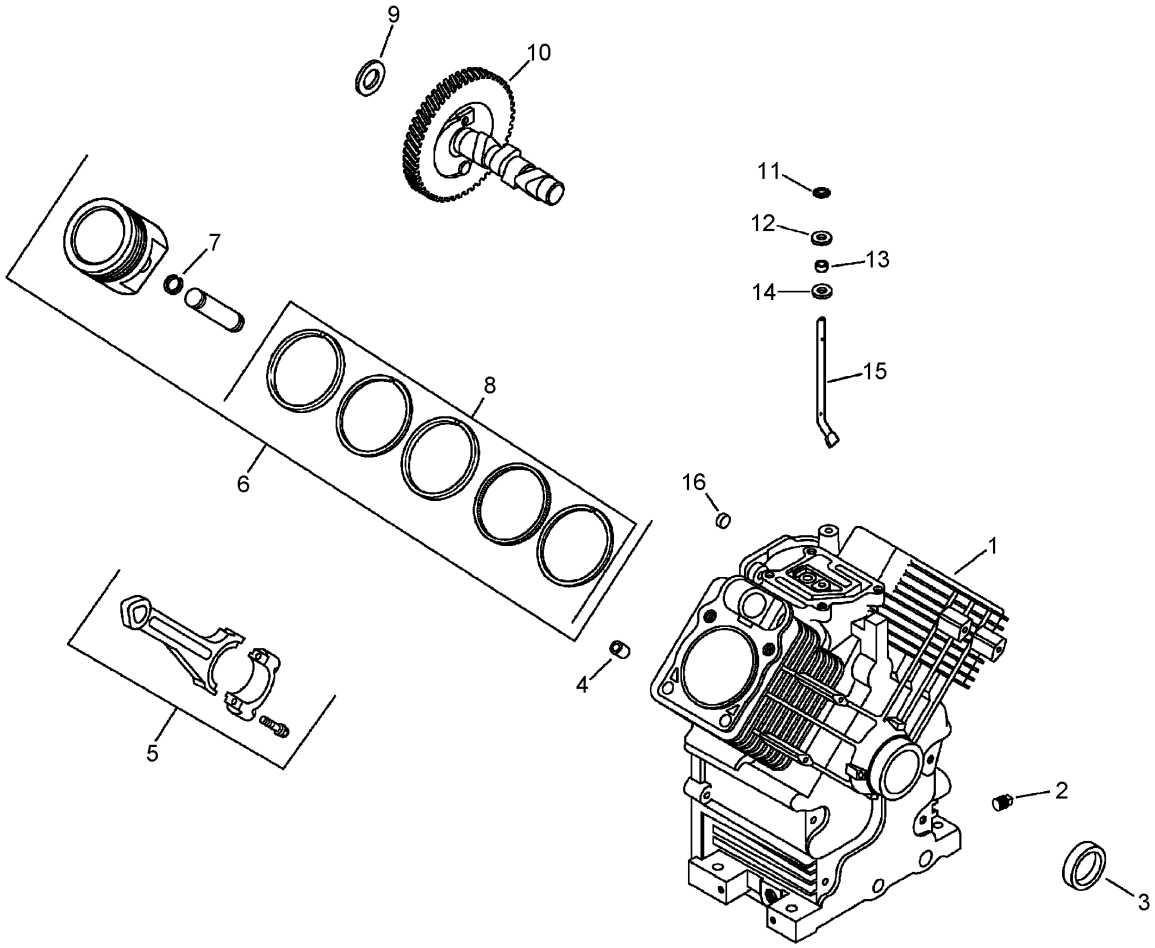
Rubber Deflector Assembly No. 106-3249

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



Crankshaft Assembly
Kohler CH23S 76584

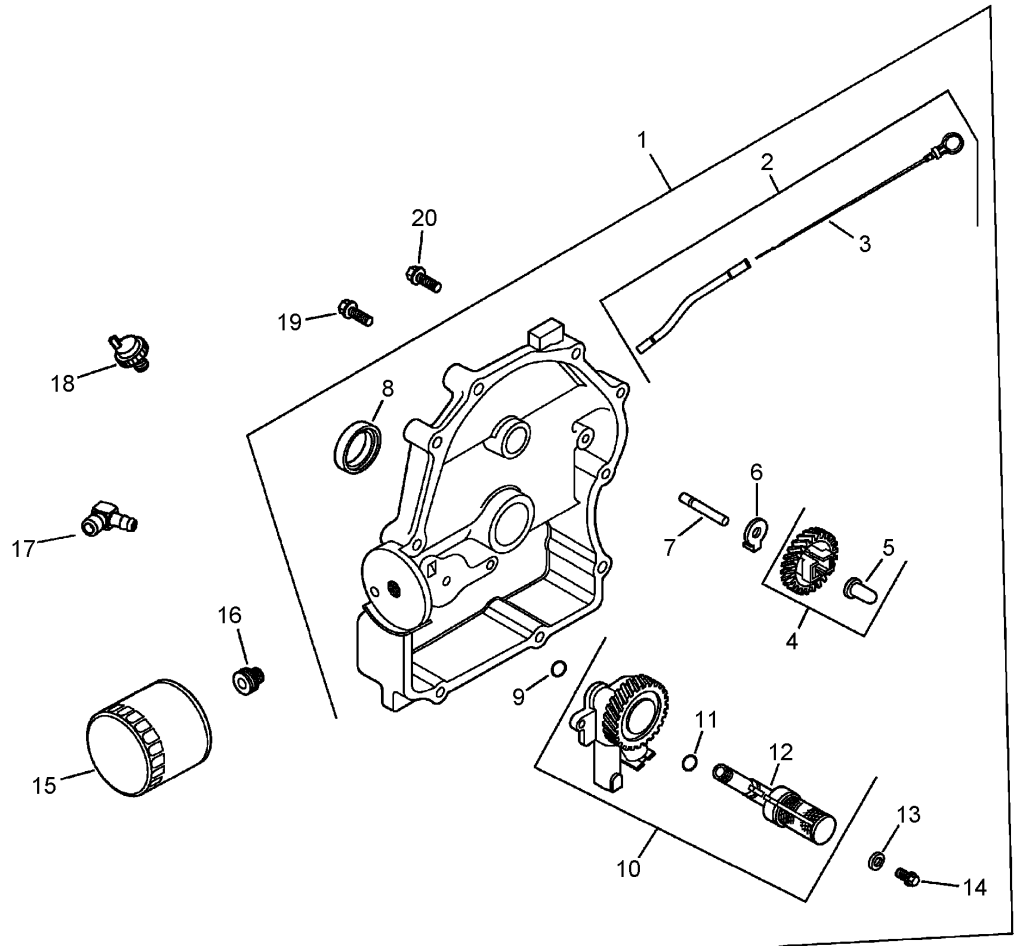
Ref	Part No.	Qty.	Description
❸1	24 014 84-S	1	Crankshaft
❸2	52 139 09-S	1	Plug-Cup



Crankcase Assembly
Kohler CH23S 76584

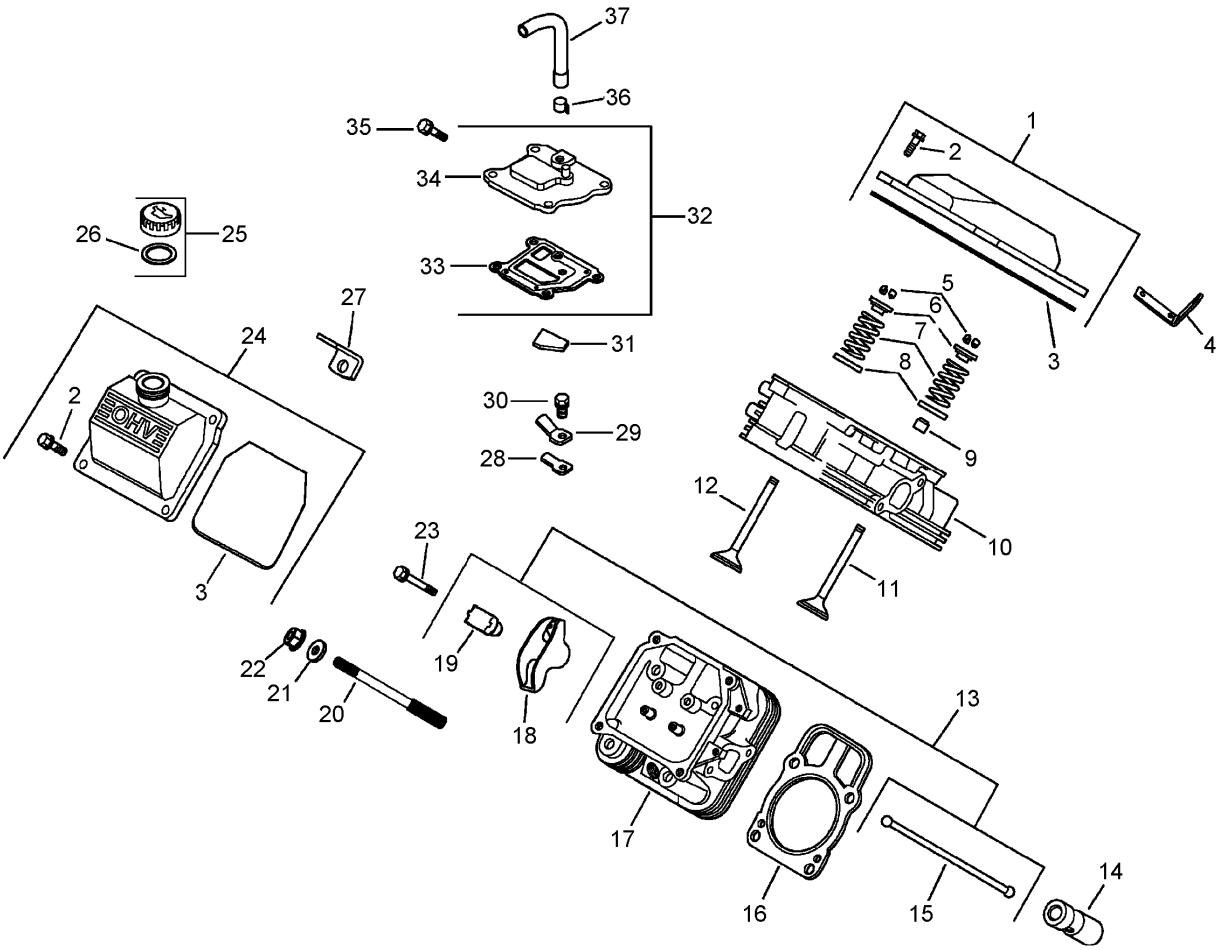
Ref	Part No.	Qty.	Description
❷❸1		1	Crankcase (Use Short Block Or Miniblock)
❸2	25 139 57-S	2	Plug-SQH (3/8In NPTF)
❸3	24 032 01-S	1	Seal-Oil, Front
❸4	24 380 13-S	6	Pin-Locating
❸5	24 067 13-S	2	Rod-Connecting (STD)
❸5	24 067 14-S	2	Rod-Connecting (.25)
❸6	24 874 09-S	2	Piston W/Ring Set (STD.) (Includes 7, 8)
❸6	24 874 15-S	2	Piston W/Ring Set (.08)
❸6	24 874 10-S	2	Piston W/Ring Set (.25)
❸6	24 874 11-S	2	Piston W/Ring Set (.50)
❸7	24 018 01-S	4	Retainer-Pin, Piston
❸8	24 108 08-S	2	Ring Set (STD And .08)
❸8	24 108 09-S	2	Ring Set (.25)
❸8	24 108 10-S	2	Ring Set (.50)
❸9	12 422 09-S	1	Shim-Camshaft, Red
❸9	12 422 13-S	1	Shim-Camshaft, Black
❸9	12 422 07-S	1	Shim-Camshaft, White
❸9	12 422 08-S	1	Shim-Camshaft, Blue
❸9	12 422 10-S	1	Shim-Camshaft, Yellow
❸9	12 422 11-S	1	Shim-Camshaft, Green
❸9	12 422 12-S	1	Shim-Camshaft, Gray
❸10	24 012 10-S	1	Camshaft

Ref	Part No.	Qty.	Description
❸11	24 018 09-S	1	Retainer-Ring
❸12	M-931010-S	1	Washer-Plain
❸13	28 032 09-S	1	Seal-Cross Shaft, Governor
❸14	24 468 15-S	1	Washer-Flat
❸15	24 144 38-S	1	Shaft-Cross, Governor
❸16	52 139 09-S	1	Plug-Cup



Oil Pan and Lubrication Assembly
Kohler CH23S 76584

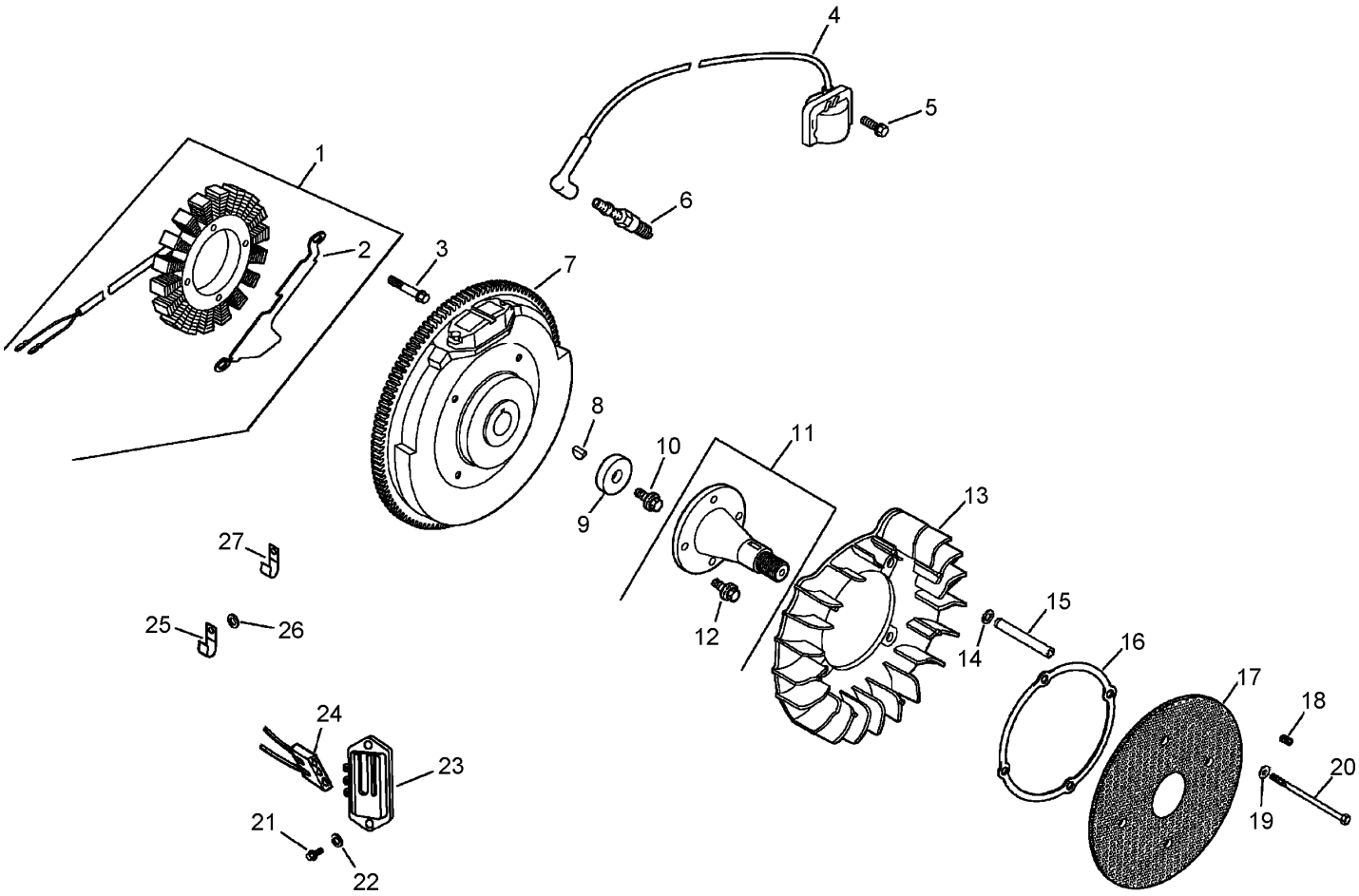
Ref	Part No.	Qty.	Description
❸1	24 009 83-S	1	Closure Plate Kit (Includes 2-14)
❸2	24 755 121-S	1	Dipstick Tube ASM (Includes 3)
❸3	24 038 10-S	1	Dipstick
❸4	24 043 12-S	1	Governor Gear Kit (Includes 5)
❸5	12 380 01-S	1	Pin-Regulating, Governor
❸6	24 448 02-S	1	Tab-Locking
❸7	12 144 02-S	1	Shaft-Gear, Governor
❸8	52 032 08-S	1	Seal-Oil
❸9	24 153 08-S	1	O-Ring
❸10	24 393 37-S	1	Oil Pump ASM
❸11	24 153 01-S	1	O-Ring (Oil Pick Up)
❸12	24 381 04-S	1	Pick Up-Oil
❸13	M-631005-S	2	Washer-Plain (6Mm)
❸14	M-645025-S	2	Screw-HF (M6X1.0X25)
❸15	12 050 01-S	1	Filter-Oil
❸16	24 136 01-S	1	Nipple-Filter, Oil
❸17	25 155 02-S	1	Connector
❸18	24 099 03-S	1	Switch-Pressure
❸19	24 086 16-S	9	Screw-HF (M8X1.25X45)
❸20	24 086 17-S	1	Screw-HF (M8X1.25X45)
❶❸	25 113 05-S	1	Decal-Sentry, Oil



Head, Valve and Breather Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	24 755 141-S	1	Plain Valve Cover Kit (Includes 2, 3)
❸2	M-651030-S	4	Screw-HF (M6X1.0X30)
❸3	24 153 28-S	1	O-Ring
❸4	24 455 01-S	2	Strap-Lifting
❸5	12 755 03-S	4	Retainer Kit
❸6	12 173 01-S	4	Cap-Spring, Valve
❸7	24 089 02-S	4	Spring-Valve
❸8	235011-S	4	Retainer-Spring
❸9	66 032 05-S	2	Seal-Stem, Valve
❸10	24 318 68-S	1	No. 1 Cylinder Head ASM
❸11	24 017 01-S	2	Valve-Intake (STD)
❸11	24 017 02-S	2	Valve-Intake (.25)
❸12	24 016 01-S	2	Valve-Exhaust (STD)
❸12	24 016 02-S	2	Valve-Exhaust (.25)
❸13	24 755 66-S	1	Valve Train Kit (Includes 15, 18, 19)
❸14	25 351 01-S	4	Lifter-Valve
❸15	24 411 05-S	4	Rod-Push
❸16	24 841 02-S	2	Cylinder Head Gasket Kit (Includes Head Mounting Hardware)
❸17	24 318 71-S	1	No. 2 Cylinder Head ASM
❸18	25 186 01-S	4	Arm-Rocker
❸19	24 599 01-S	4	Pivot-Arm, Rocker

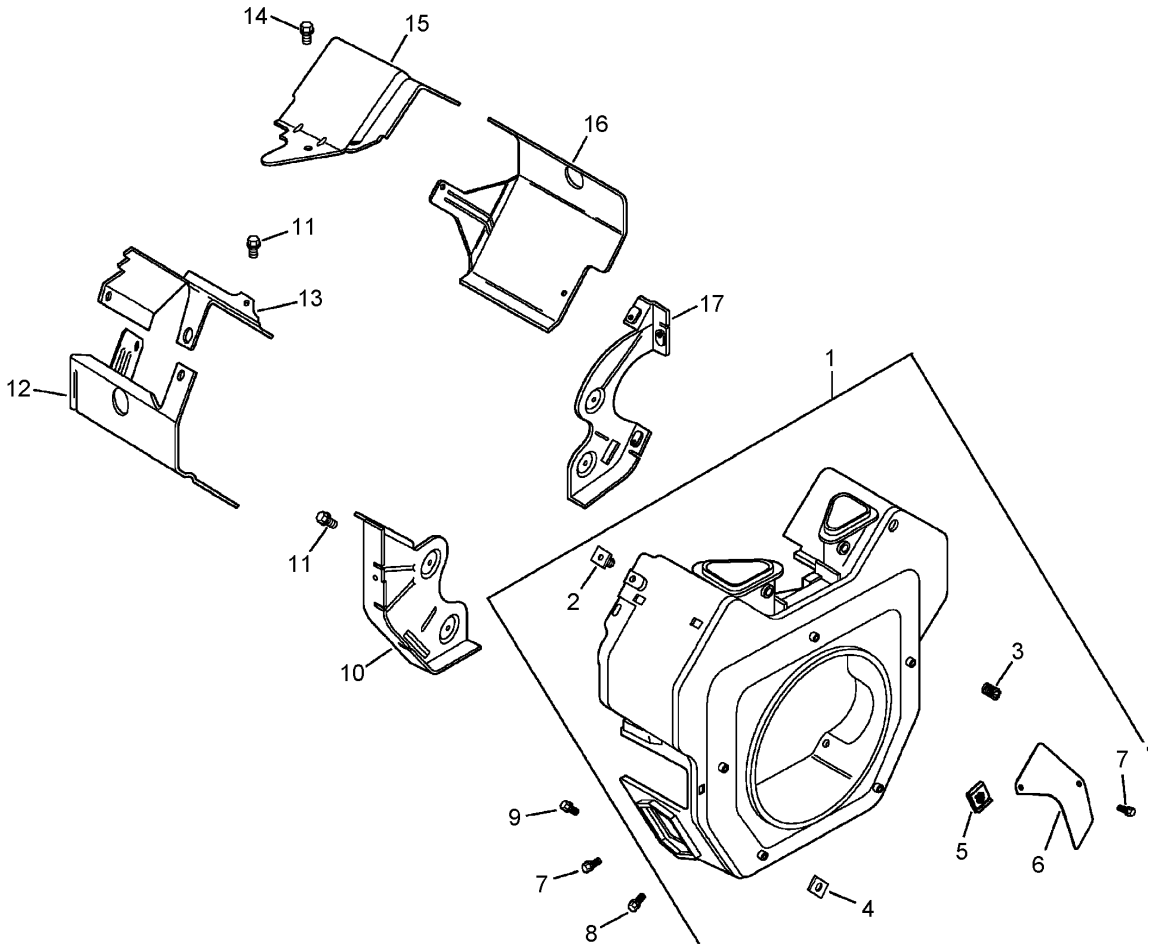
Ref	Part No.	Qty.	Description
❸20	24 072 09-S	8	Stud-Head, Cylinder
❸21	24 468 16-S	8	Washer
❸22	24 100 10-S	8	Nut-HF (M8X1.25)
❸23	66 086 07-S	4	Screw
❸24	24 755 140-S	1	Oil Fill Valve Cover Kit (Includes 2, 3)
❸25	25 755 13-S	1	Oil Fill Cap ASM (Includes 27)
❸26	25 153 02-S	1	O-Ring
❸27	12 445 05-S	1	Strap-Lifting
❸28	24 402 03-S	1	Reed-Breather
❸29	66 018 04-S	1	Retainer-Reed, Breather
❸30	M-545010-S	1	Screw-HF (M5X0.8X10)
❸31	24 050 01-S	1	Filter-Breather
❸32	24 033 01-S	1	Breather Kit (Includes 21, 34)
❸33	24 041 51-S	1	Gasket-Breather
❸34	24 096 86-S	1	Cover-Breather
❸35	M-645020-S	4	Screw-HF (M6X1.0X20)
❸36	25 237 08-S	2	Clamp-Hose
❸37	24 326 31-S	1	Hose-Breather
❶❸	24 755 147-S	2	Cylinder Head Hardware Kit (Includes Retainer Kit, Valve Spring Cap, Valve Spring, Spring Retainer, Valve Stem Seal, Intake Valve, Exhaust Valve, Push Rod, Rocker Arm, And Rocker Arm Pivot)



Ignition and Electrical Assembly
Kohler CH23S 76584

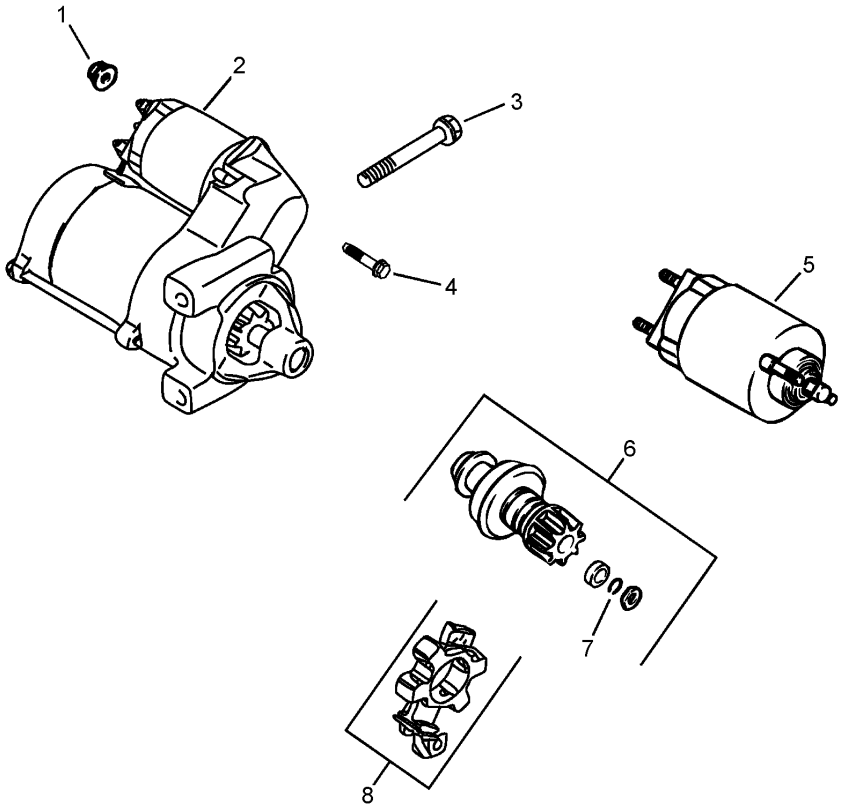
Ref	Part No.	Qty.	Description
❸1	54 755 09-S	1	Stator Kit (Includes 2)
❸2	24 126 139-S	1	Bracket-Wire, Stator
❸3	M-548025-S	2	Screw (M5X0.8X25)
❸4	24 584 01-S	2	Module-Ignition
❸5	M-545020-S	4	Screw-HF (M5X0.8X20)
❸6	12 132 02-S	2	Spark Plug
❸7	24 025 04-S	1	Flywheel
❸8	X-42-15-S	1	Key
❸9	12 468 03-S	1	Washer-Plain (3/8In)
❸10	12 086 14-S	1	Screw-HF (M10X1.5X46)
❸11	24 755 08-S	1	Front Drive Shaft Kit (Includes 12)
❸12	M-839025-S	4	Screw-HF (M8X1.25X25)
❸13	24 157 07-S	1	Fan
❸14	X-25-53-S	4	Washer-Plain, 1/4In
❸15	24 112 14-S	4	Spacer
❸16	24 141 06-S	1	Ring-Support
❸17	24 162 22-S	1	Screen-Grass
❸18	25 086 43-S	1	Screw-Set
❸19	24 468 11-S	4	Washer-Spring
❸20	M-603100-S	4	Screw-HH (M6X1.0X100)
❸21	24 086 18-S	2	Screw-Head, Phillips
❸22	X-25-92-S	2	Washer-Plain
❸23	25 403 05-S	1	Rectifier-Regulator (15 Amp)
❸24	236602-S	1	Connector

Ref	Part No.	Qty.	Description
❸25	235173-S	1	Clip-Cable
❸26	X-25-63-S	1	Washer-Plain (1/4In)
❸27	48 154 02-S	1	Clip-Cable
❶❸	24 126 137-S	1	Bracket-Strap, Ground
❶❸	25 468 07-S	1	Washer
❶❸	24 176 109-S	1	Harness-Wiring
❶❸	25 454 03-S	3	Tie-Cable



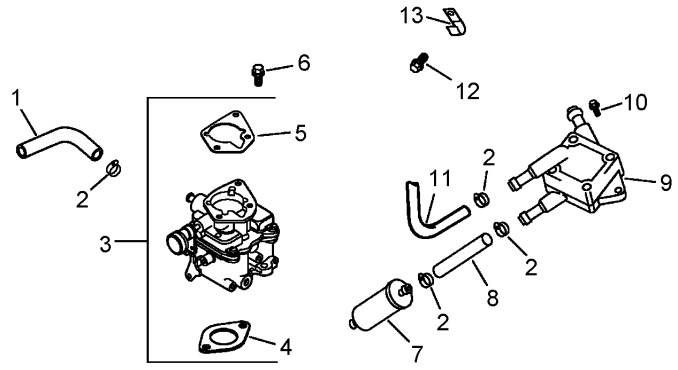
Blower Housing and Baffle Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	54 027 93-S	1	Blower Housing ASM (Includes 2-6, 7 [qty. 4])
❸2	24 100 02-S	2	Nut-Plastic
❸3	25 086 43-S	1	Screw-Set
❸4	24 100 01-S	3	Nut-Plastic
❸5	25 154 02-S	4	Clip
❸6	24 096 64-S	2	Cover-Access
❸7	M-545016-S	3	Screw-HF (M5X0.8X16)
❸8	M-551016-S	1	Screw-HF (M5X0.8X16)
❸9	M-545020-S	4	Screw-HF (M5X0.8X20)
❸10	24 146 16-S	1	Plate-Backing, No. 2 Side
❸11	M-645016-S	10	Screw-HF (M6X1.0X16)
❸12	24 063 20-S	1	Baffle-Cylinder Barrel, No. 2 Side
❸13	24 063 17-S	1	Baffle-Valley (No. 2 Side)
❸14	M-545010-S	2	Screw-HF (M5X0.8X10)
❸15	24 063 59-S	1	Baffle-Valley (No. 1 Side)
❸16	24 063 58-S	1	Baffle-Barrel, Cylinder (No. 1 Side)
❸17	24 146 20-S	1	Plate-Backing (No. 1 Side)
❶❸	24 113 130-S	1	Decal-23Hp
❶❸	25 113 39-S	1	Decal-Lamination, Clear



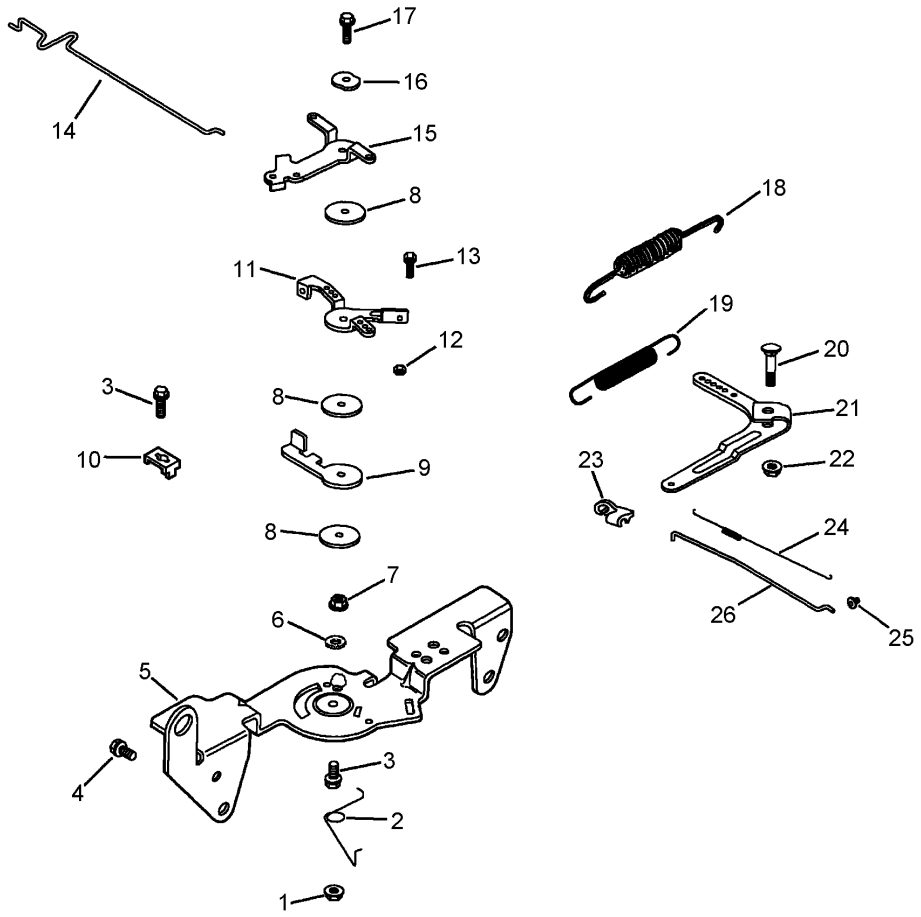
Starting System Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	M-841080-S	1	Nut-HF (M8X1.25)
❸2	25 098 09-S	1	Starter ASM (Includes4-8)
❸3	M-839080-S	2	Screw-HF (M8X1.25X80)
❸4	25 086 113-S	3	Screw-Torx Head, External
❸5	25 435 05-S	1	Solenoid Kit (Includes 4)
❸6	25 755 33-S	1	Pinion Drive Kit (Includes 7)
❸7	25 141 05-S	1	Ring
❸8	25 221 01-S	1	Brush Kit



Fuel System Assembly
Kohler CH23S 76584

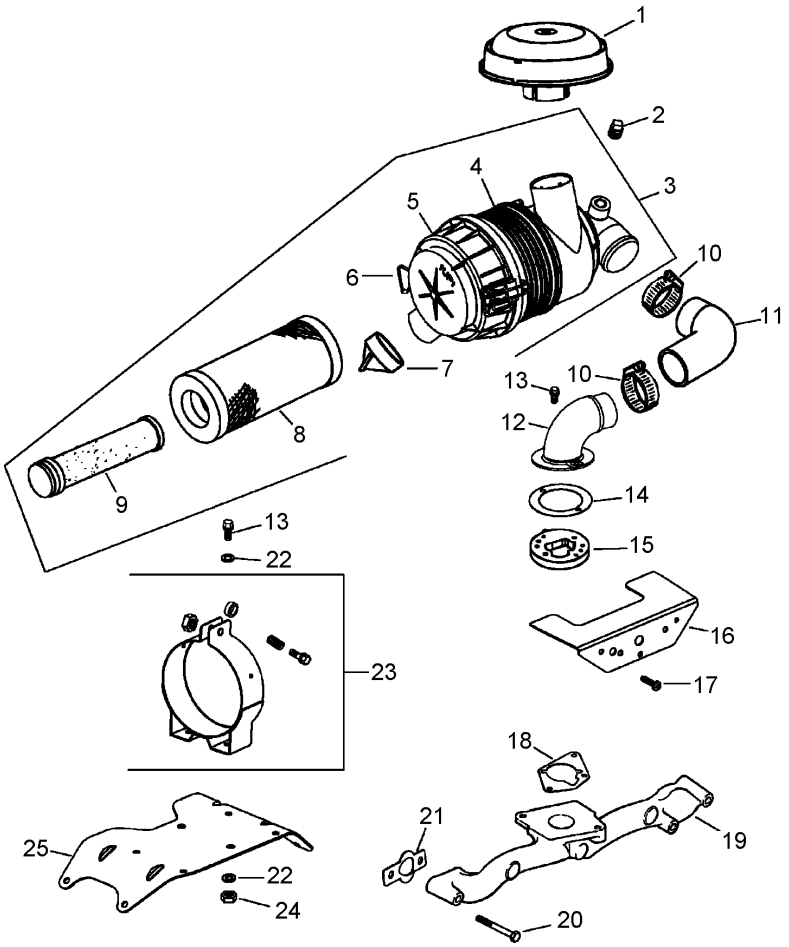
Ref	Part No.	Qty.	Description
❸1	25 353 32-S	1	Line-Fuel, 9-1/2In (Pump To Carb)
❸2	25 237 14-S	4	Clamp
❸3	24 853 58-S	1	Carburetor Kit (Includes 4, 5)
❸4	24 041 53-S	1	Gasket-Carburetor
❸5	24 041 06-S	1	Gasket-Base, Air Cleaner
❸6	M-651030-S	2	Screw-HF (M6X1.0X30)
❸7	24 050 10-S	1	Filter-Fuel
❸8	12 353 07-S	1	Line-Fuel, 90 DEG. Elbow
❸9	24 393 16-S	1	Pump-Fuel
❸10	24 086 12-S	2	Screw
❸11	24 353 02-S	1	Line-Fuel, 15In (Fitting To Pump)
❸12	M-650012-S	1	Screw-HF (M6X1.0X12)
❸13	47 154 01-S	1	Clip-Cable
❶❸	24 518 24-S	1	Lead-Ground (Solenoid To Carburetor Mounting Screw)
❶❸	24 757 01-S	1	Solenoid Kit
❶❸	24 757 02-S	1	Float Repair Kit
❶❸	24 757 03-S	1	Carburetor Repair Kit
❶❸	24 757 07-S	1	Choke Repair Kit
❶❸	24 757 08-S	1	Repair Kit
❶❸	24 757 09-S	1	Repair Kit



Engine Control Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	M-541050-S	1	Nut-HF (M5X0.8)
❸2	24 089 03-S	1	Spring-Return, Choke
❸3	M-545016-S	3	Screw-HF (M5X0.8X16)
❸4	M-645016-S	4	Screw-HF (M6X1.0X16)
❸5	24 126 56-S	1	Bracket-Control
❸6	X-20-1-S	1	Washer-Lock (1/4In)
❸7	M-547050-S	1	Nut-Lock, Hex (M5X0.8)
❸8	24 468 01-S	3	Washer-Plain
❸9	24 090 07-S	1	Lever-Actuator, Throttle
❸10	12 237 01-S	2	Clamp-Cable
❸11	24 090 03-S	1	Lever-Control, Throttle
❸12	M-446030-S	1	Nut-HF (M4X0.7)
❸13	M-401030-S	1	Screw (M4X0.7X30)
❸14	24 079 21-S	1	Linkage-Choke
❸15	24 090 05-S	1	Lever-Choke
❸16	41 468 03-S	1	Washer
❸17	M-545020-S	1	Screw-HF (M5X0.8X20)
❸18	24 089 51-S	1	Spring-Limiter, Throttle
❸19	24 089 15-S	1	Spring-Governor
❸20	24 211 03-S	1	Bolt-Square Neck, Round Head
❸21	24 090 33-S	1	Lever-Governor
❸22	M-641060-S	1	Nut-HF
❸23	25 158 11-S	1	Bushing-Retaining, Linkage
❸24	24 089 01-S	1	Spring-Linkage

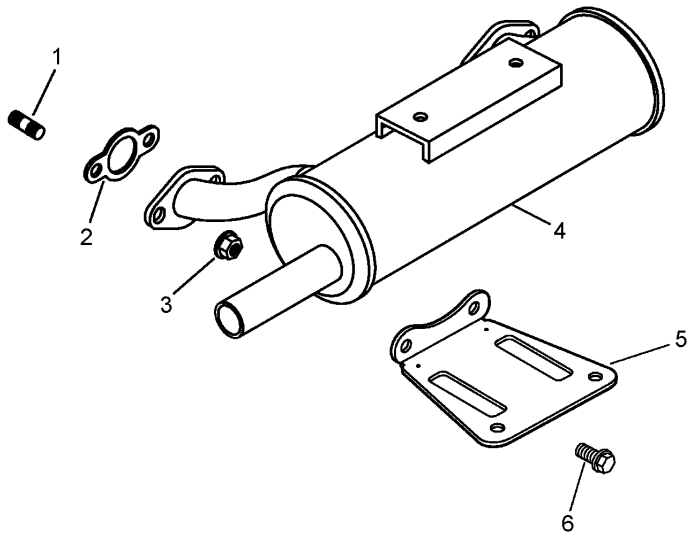
Ref	Part No.	Qty.	Description
❸25	25 158 08-S	1	Bushing-Retaining, Linkage
❸26	24 079 01-S	1	Linkage-Throttle
❶❸	25 454 03-S	1	Tie-Cable



Air Intake and Filtration Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	25 324 02-S	1	Hood-Cleaner, Air
❸2	25 139 20-S	1	Plug-Pipe
❸3	25 048 07-S	1	Heavy Duty Air Cleaner ASM (Includes 4-9)
❸4	25 081 01-S	1	Housing-Air Cleaner, Heavy Duty
❸5	25 096 06-S	1	Cover ASM (Includes 6)
❸6	25 154 05-S	2	Clip
❸7	24 462 07-S	1	Valve-Ejector, Dust
❸8	25 083 01-S	1	Element-Air, Primary
❸9	25 083 04-S	1	Element-Air, Safety
❸10	25 237 07-S	2	Clamp-Hose
❸11	24 326 32-S	1	Hose-Cleaner, Air
❸12	24 029 21-S	1	Adapter-Cleaner, Air
❸13	M-639016-S	4	Screw-HF (M6X1.0X16)
❸14	24 041 34-S	1	Gasket-Adapter
❸15	24 029 31-S	1	Adapter
❸16	24 314 25-S	1	Shield-Debris
❸17	24 086 06-S	2	Screw-Head, Phillips (11-16X3/4)
❸18	24 041 06-S	1	Gasket-Base, Air Cleaner
❸19	24 164 14-S	1	Manifold-Intake
❸20	25 086 84-S	4	Screw-HF (M6X1.0X55)
❸21	24 041 01-S	2	Gasket-Manifold, Intake
❸22	X-25-73-S	4	Washer-Plain
❸23	25 126 02-S	1	Air Cleaner Bracket ASM

Ref	Part No.	Qty.	Description
❸24	M-647060-S	2	Nut
❸25	24 126 142-S	1	Bracket-Cleaner, Air
❶❸	25 113 27-S	1	Decal-Cleaner, Air



Exhaust Assembly
Kohler CH23S 76584

Ref	Part No.	Qty.	Description
❸1	25 072 04-S	4	Stud (M8X1.25X33)
❸2	24 041 49-S	2	Gasket-Exhaust
❸3	M-841080-S	4	Nut-HF (M8X1.25)
❸4	24 068 18-S	1	Muffler
❸5	24 126 12-S	1	Bracket-Muffler
❸6	M-839020-S	1	Screw-HF
❶❸	24 522 252	1	Short Block
❶❸	24 782 27	1	Miniblock ASM
❶❸	24 755 107-S	1	Gasket Set

Attachments and Accessories

For 74239 - Z500 Z Master, With 52in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Z Stand Kit	105-1622
Blade-Recycler, 18 Inch	105-7779-03
Blade-Hi Flow, 18 Inch	105-7781-03
Blade-Med Flow, 18 Inch	105-7794-03
Blade-Low Flow, 18 Inch	105-7795-03
Blade-Atomic, 18 Inch	105-7796-03
52 Inch Recycler Kit	107-1610
Striping Kit	107-1630
Turbo Baffle Kit	107-1634
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
52 Inch Twin Soft Bagger	78498
52 Inch Finishing Kit (Twin)	78501
DFS Vac Collection System	78506
Filter Minder Gauge	99-4664
Hitch Kit	99-8925


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