



Z17-44 TimeCutter™ Z Riding Mower

Model No. 74601 - 220000913 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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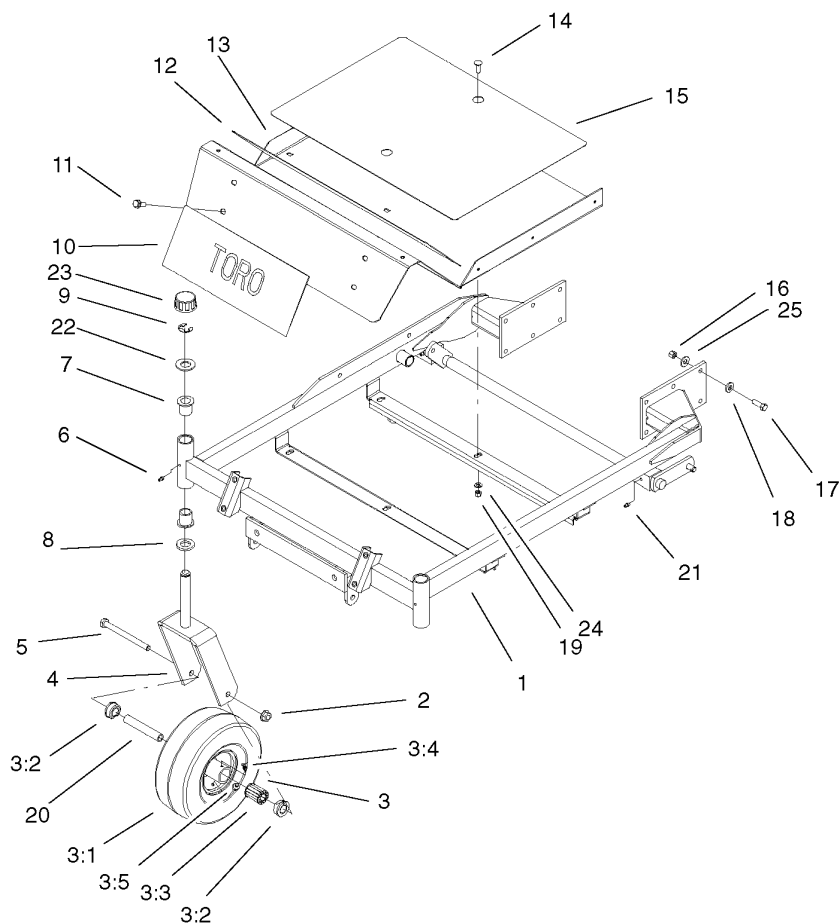
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

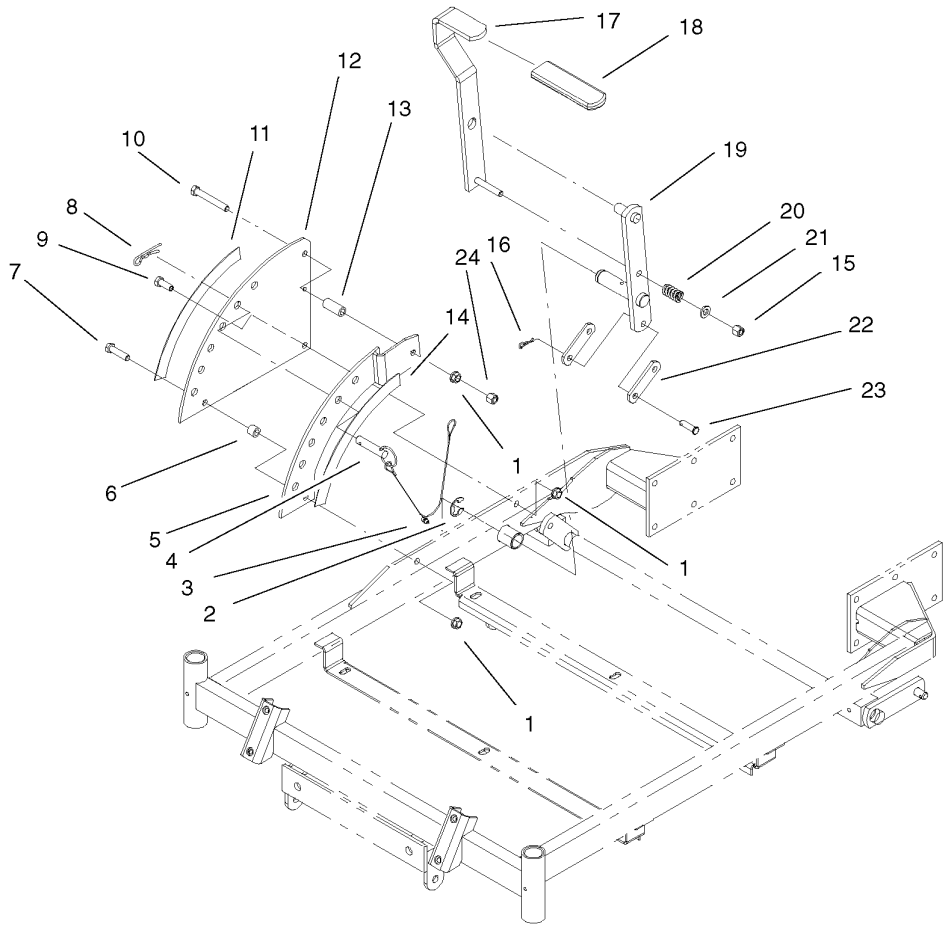
- | | |
|----------------------------|---|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain Parts From Kohler | ❹ Used to attach carburetor ground lead to carburetor baffle. |



Front Frame Assembly

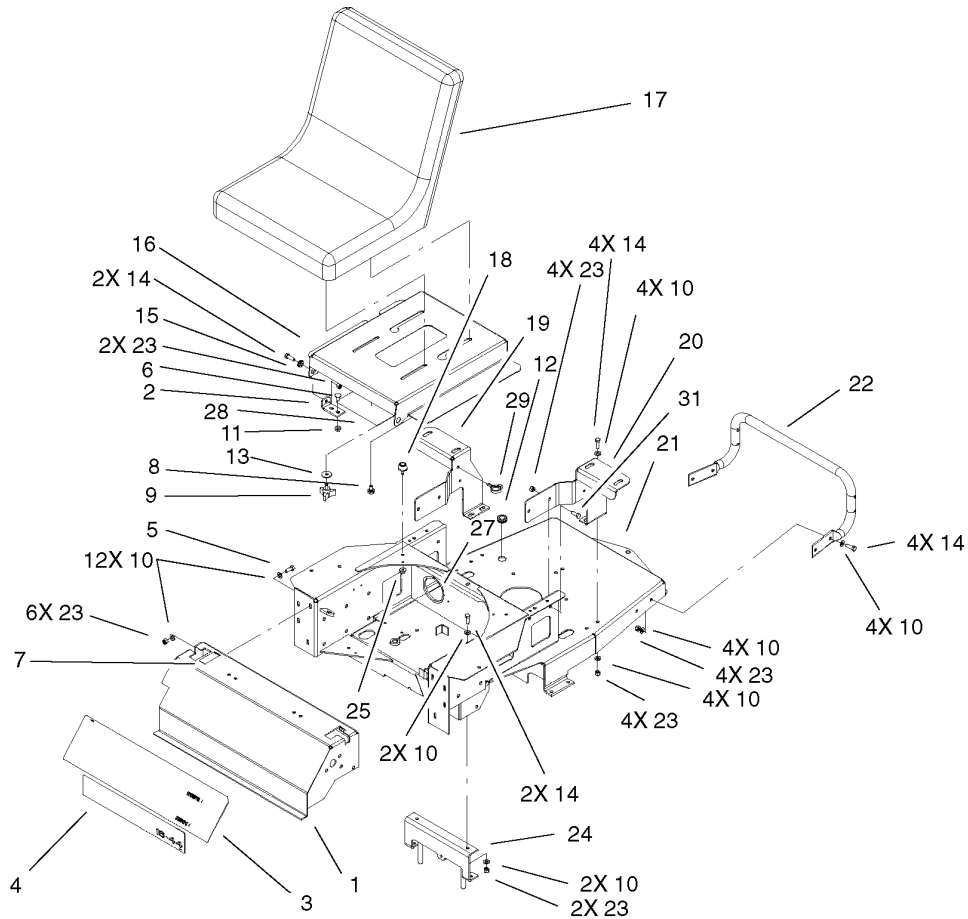
Ref	Part No.	Qty.	Description
1	100-7357-01	1	Carrier Frame ASM
2	32128-23	2	Nut-HF
3	100-7364	2	Caster Wheel ASM
3:1	105-1943	1	Tire
3:2	62-5580	2	Bearing-Outside
3:3	83-4740	1	Bearing
3:4	302-11	1	Fitting-Lube, 45 DEG
3:5	232-27	1	Stem-Valve
4	100-7363-01	2	Caster Fork ASM
5	325-22	2	Screw-HH
6	302-5	2	Fitting-Grease
7	1-303514	4	Bearing-Flanged
8	1-513338	2	Washer-Flat
9	32151-103	2	Ring-Retaining, EXT
10	104-8016	1	Decal
11	66-9300	4	Screw-HF
12	104-3639	1	Pad-Skid, Anti
13	100-7386-03	1	Floorpan
14	3230-28	6	Screw-CARR
15	104-3640	1	Pad-Skid, Anti
16	3296-39	12	Nut-Lock, NI
17	323-7	12	Screw-HH
18	98-5975	12	Washer-Belleville
19	3296-29	6	Nut-Lock, NI

Ref	Part No.	Qty.	Description
20	104-3667	2	Spanner-Wheel
21	302-19	2	Fitting-Grease
22	104-8076	2	Washer
23	61-9780	2	Cap-Hub
24	3256-23	6	Washer-Flat
25	1-809107	12	Washer-Hardened



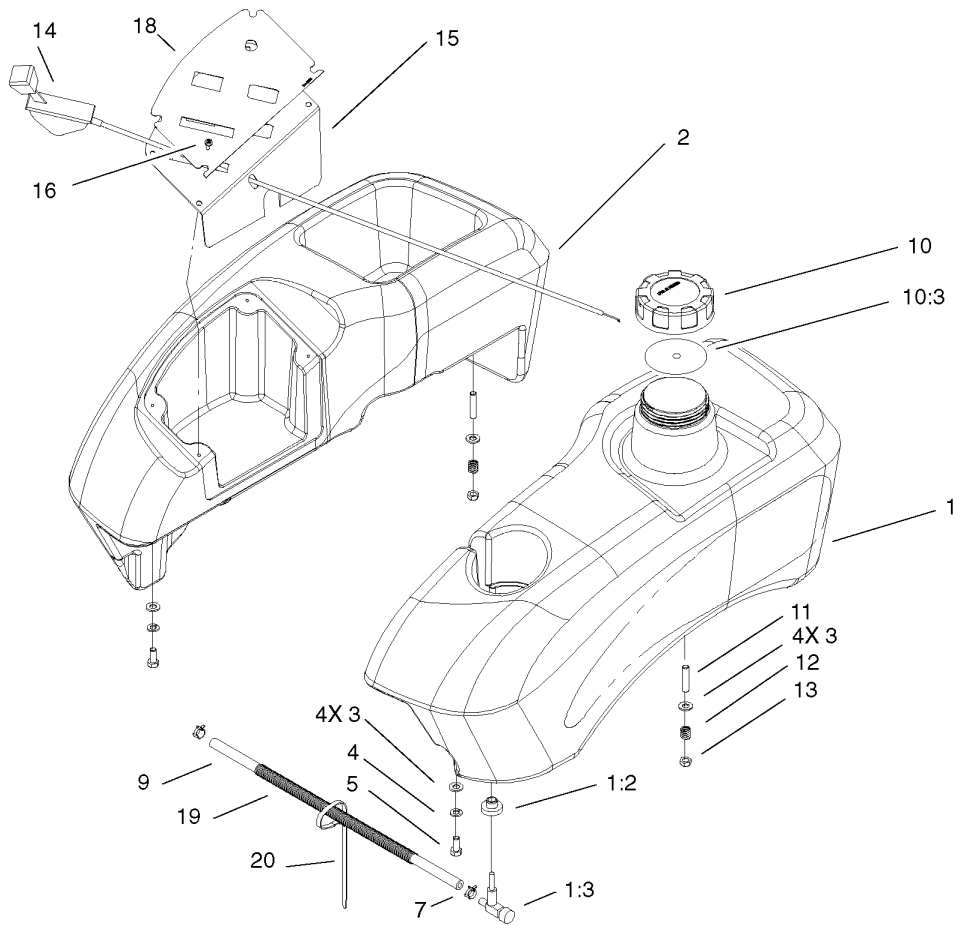
Height-of-Cut Assembly

Ref	Part No.	Qty.	Description				
1	3290-357	3	Nut-HHF, Whiz				
2	32151-103	1	Ring-Retaining, EXT				
3	302-5	1	Fitting-Grease				
4	104-3678	1	Pin-Hitch				
5	100-7335-01	1	Plate-Lift				
6	1-413088	1	Bushing-Lever, Lift				
7	323-8	1	Screw-HH				
8	1-806005	1	Pin-Hair				
9	323-6	1	Screw-HH				
10	323-13	1	Screw-HH				
11	104-3641	1	Decal-Deck Height, Outer				
12	100-7384-01	1	Plate-Deck Lift				
13	1-633082	1	Bushing-Lever, Lift				
14	104-8032	1	Decal-Deck Height, Inner				
15	3296-39	1	Nut-Lock, NI				
16	1-806003	2	Pin-Hair				
17	1-652023-03	1	Lever-Lift				
18	1-633295	1	Grip-Lever, Lift				
19	1-652027-03	1	Arm-Deck, Lift				
20	1-633325	1	Spring-Compression				
21	3256-24	1	Washer-Flat				
22	1-633068	2	Arm-Lift, Deck				
23	283-2	2	Pin-Clevis				
24	32128-21	1	Nut-HF				



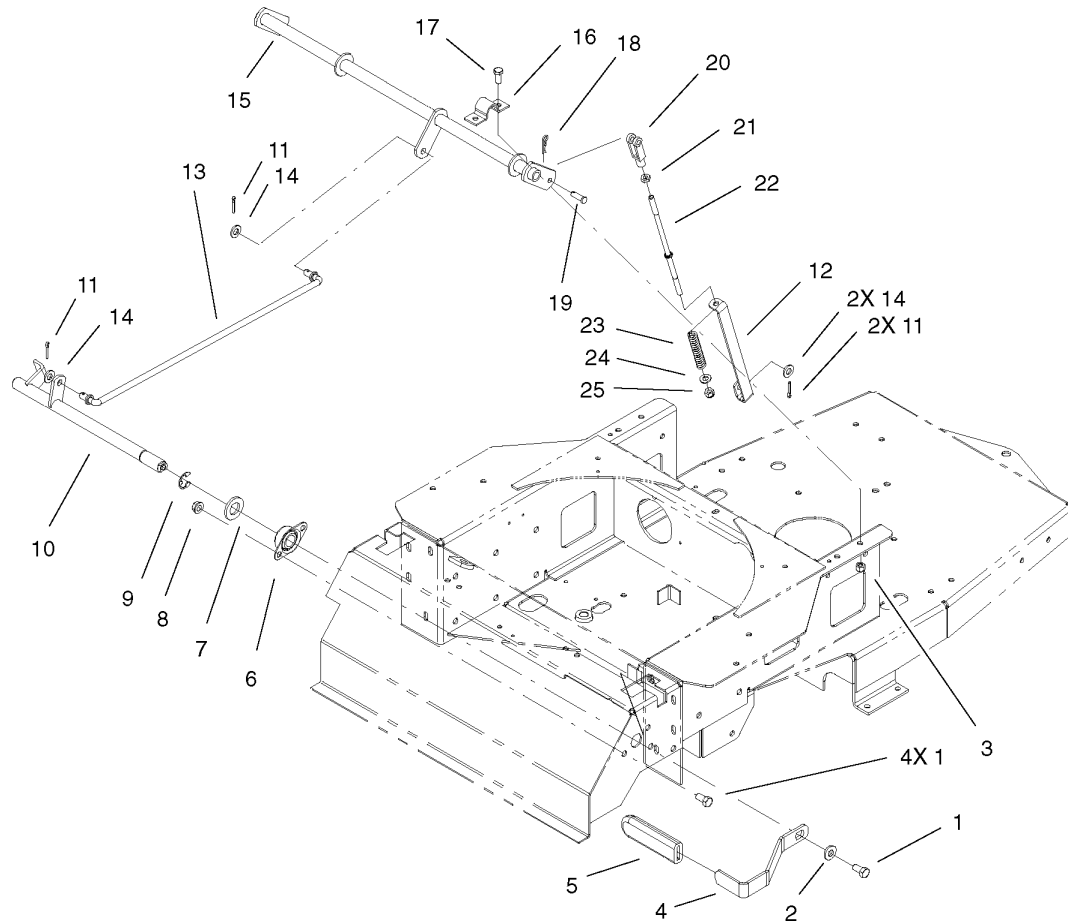
Main Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-8040-03	1	Console	25	32128-33	2	Nut-HF
2	104-8057-03	2	Bracket-Pivot	27	105-1854	1	Cover-Conduit
3	104-8014	1	Decal-Console	28	104-8088	1	Decal-Service
4	104-8084	1	Decal	29	105-1853	2	Clamp-Hose
5	322-4	6	Screw-HH	31	322-3	4	Screw-HH
6	104-8049	4	Screw-CARR				
7	1-633354	2	Decal-Control, Motion				
8	37-8770	2	Bolt-Shoulder				
9	92-9674	2	Knob				
10	3256-23	32	Washer-Flat				
11	32128-25	4	Nut-HF				
12	237-124	1	Grommet				
13	5-4460	2	Washer-Pivot				
14	322-5	12	Screw-HH				
15	105503	2	Bushing				
16	104-8058-03	1	Pan-Seat				
17	105-6962	1	Seat				
18	1-523420	2	Bumper				
19	100-7376-01	1	Bracket-RH				
20	100-7368-01	1	Bracket-LH				
21	105-7018-01	1	Frame-Rear				
22	100-7332-03	1	Rod-Support, Rear				
23	3296-29	22	Nut-Lock, NI				
24	105-6987-03	1	Bracket				



Fuel Tank Assembly

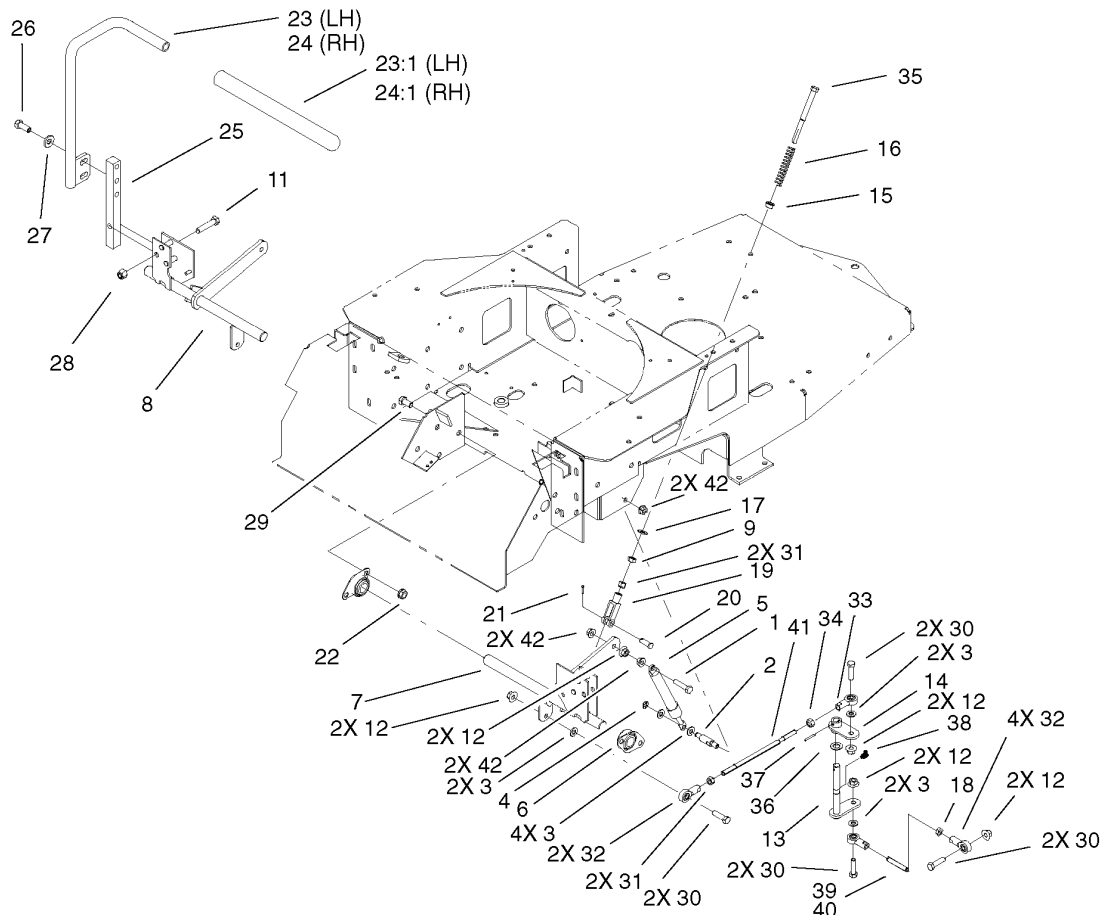
Ref	Part No.	Qty.	Description				
1	105-3403	1	Fuel Tank ASM				
1:2	46-6560	1	Bushing				
1:3	104048	1	Valve-Fuel				
2	104-3649	1	Tank-Console				
3	3256-23	8	Washer-Flat				
4	3253-4	4	Washer-Lock				
5	322-3	4	Screw-HH				
7	2412-98	2	Clamp				
9	104-8010	1	Hose-Fuel				
10	88-3980	1	Gas Cap ASM				
10:3	88-4010	1	Gasket-Cap, Gas				
11	1-633023	4	Stud				
12	1-633349	4	Spring-Tank, Fuel				
13	3296-47	4	Nut-Lock, NI				
14	104-8007	1	Cable-Throttle				
15	104-3664-03	1	Panel-Control				
16	3250-14	4	Screw-PPH				
18	104-8009	1	Decal-Panel, Control				
19	105-1854	1	Cover-Conduit				
20	614249	1	Strap-Tie				



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	323-4	5	Screw-HH
2	98-5975	1	Washer-Belleville
3	3296-29	4	Nut-Lock, NI
4	100-7346-03	1	Handle-Brake, Park
5	1-633268	1	Grip-Lever, Brake
6	1-633102	2	Bearing-Flange, Side
7	1-303007	1	Washer
8	3290-357	4	Nut-HHF, Whiz
9	32151-48	1	E-Ring
10	100-7318	1	Brake Shaft ASM
11	3272-10	4	Pin-Cotter
12	104-3675	2	Bracket-Spring, Brake
13	104-8046	1	Rod-Brake, Upper
14	3256-24	4	Washer-Flat
15	104-3670-03	1	Shaft-Brake
16	88-4730	2	Clamp-Pivot, HOC
17	322-3	4	Screw-HH
18	1-806003	2	Pin-Hair
19	1-808280	2	Pin-Clevis
20	1-303105	2	Yoke-Adjustable
21	3219-2	2	Nut-Hex
22	104-3674	2	Rod-Brake, Upper
23	38-4520	2	Spring
24	3256-23	2	Washer-Flat

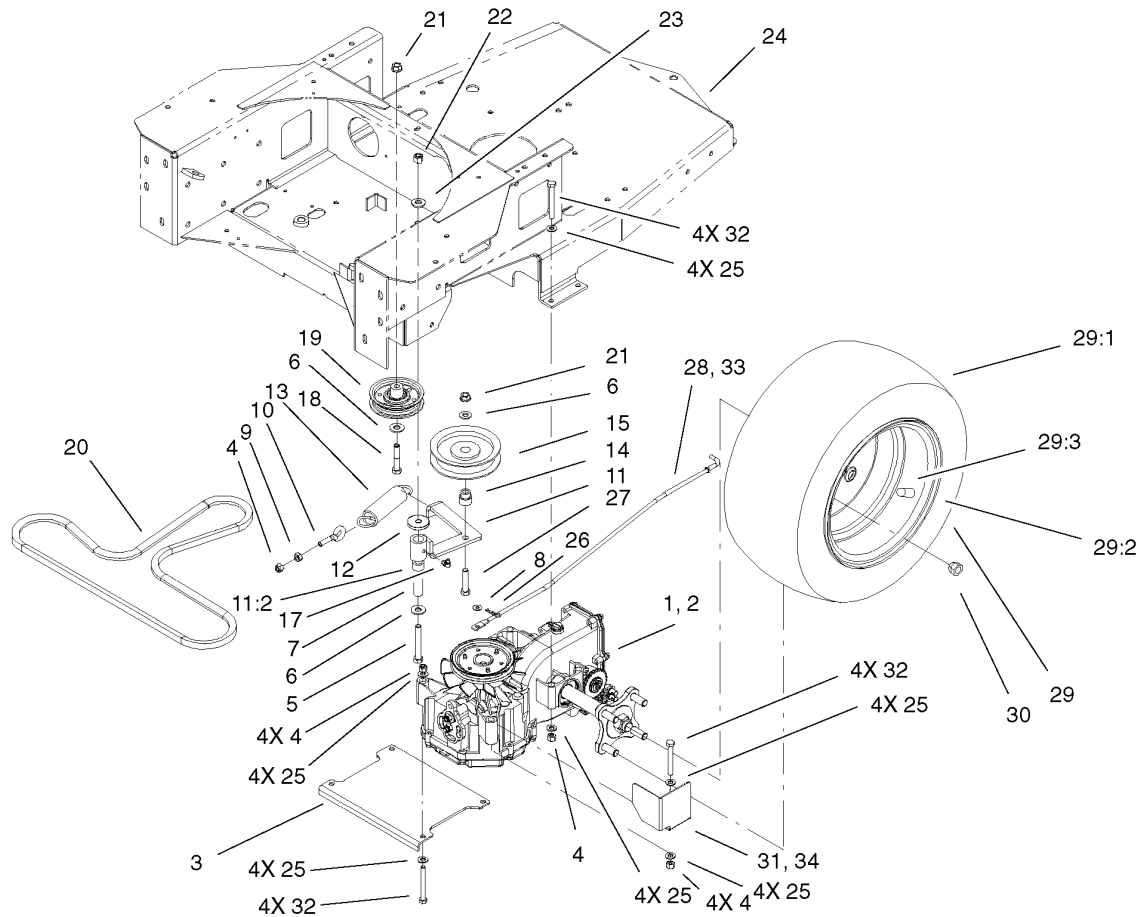
Ref	Part No.	Qty.	Description
25	3296-4	2	Nut-Lock



Motion Control Assembly

Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Damper
3	3256-23	10	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	103-2913	2	Damper-Control, Motion
6	1-633102	4	Bearing-Flange, Side
7	100-7341	1	Bracket-Motion Control, LH
8	100-7340	1	Bracket-Motion Control, RH
9	3296-4	2	Nut-Lock
11	323-9	2	Screw-HH
12	32128-20	10	Nut-HF
13	100-7311	2	Pivot ASM
14	100-7313	2	Pivot Plate ASM
15	1-603735	2	Bushing-Flanged
16	1-603807	2	Spring-Return, Neutral
17	3256-2	2	Washer-Flat
18	3220-2	2	Nut-Jam
19	1-303105	2	Yoke-Adjustable
20	1-808280	2	Pin-Clevis
21	3272-5	2	Pin-Cotter
22	3290-357	6	Nut-HHF, Whiz
23	103-0631	1	LH Lever ASM
23:1	1-633257	1	Grip-Control, Motion
24	103-0632	1	RH Lever ASM

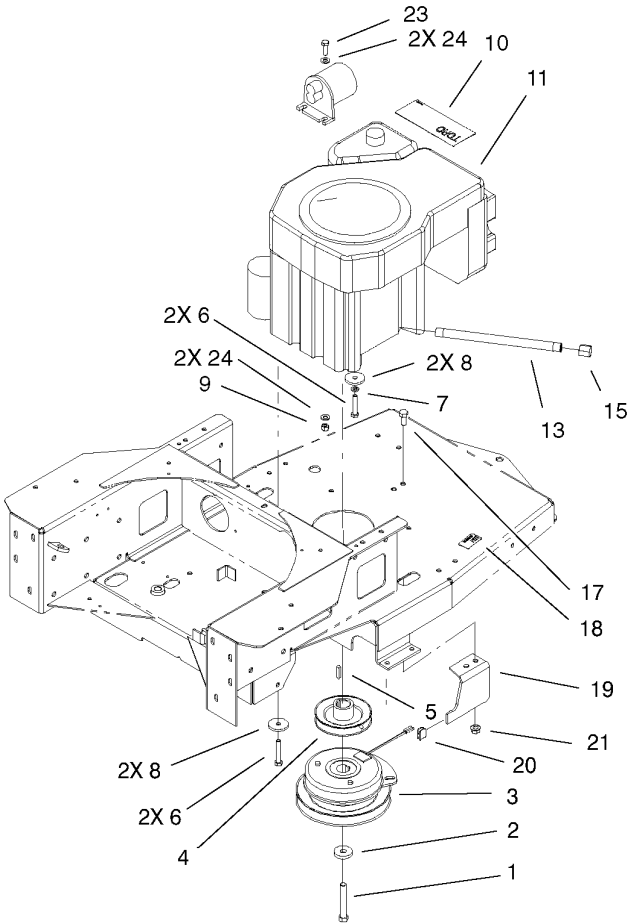
Ref	Part No.	Qty.	Description
24:1	1-633257	1	Grip-Control, Motion
25	103-0407	2	Arm-Shaft, Control
26	323-6	4	Screw-HH
27	98-5975	4	Washer-Belleville
28	3296-39	2	Nut-Lock, NI
29	323-4	6	Screw-HH
30	322-5	8	Screw-HH
31	3219-2	4	Nut-Hex
32	1-543017	6	Balljoint-RH
33	1-633152	2	Balljoint-LH
34	1-804524	2	Nut
35	1-603737	2	Bolt-Return, Neutral
36	100-7336	2	Washer
37	933156	2	Pin-Roll
38	302-11	2	Fitting-Lube, 45 DEG
39	104-3606	1	Linkage-Lower, RH
40	104-3607	1	Linkage-Lower, LH
41	104-3605	2	Linkage-Upper
42	32128-25	6	Nut-HF



Hydro and Belt Drive Assembly

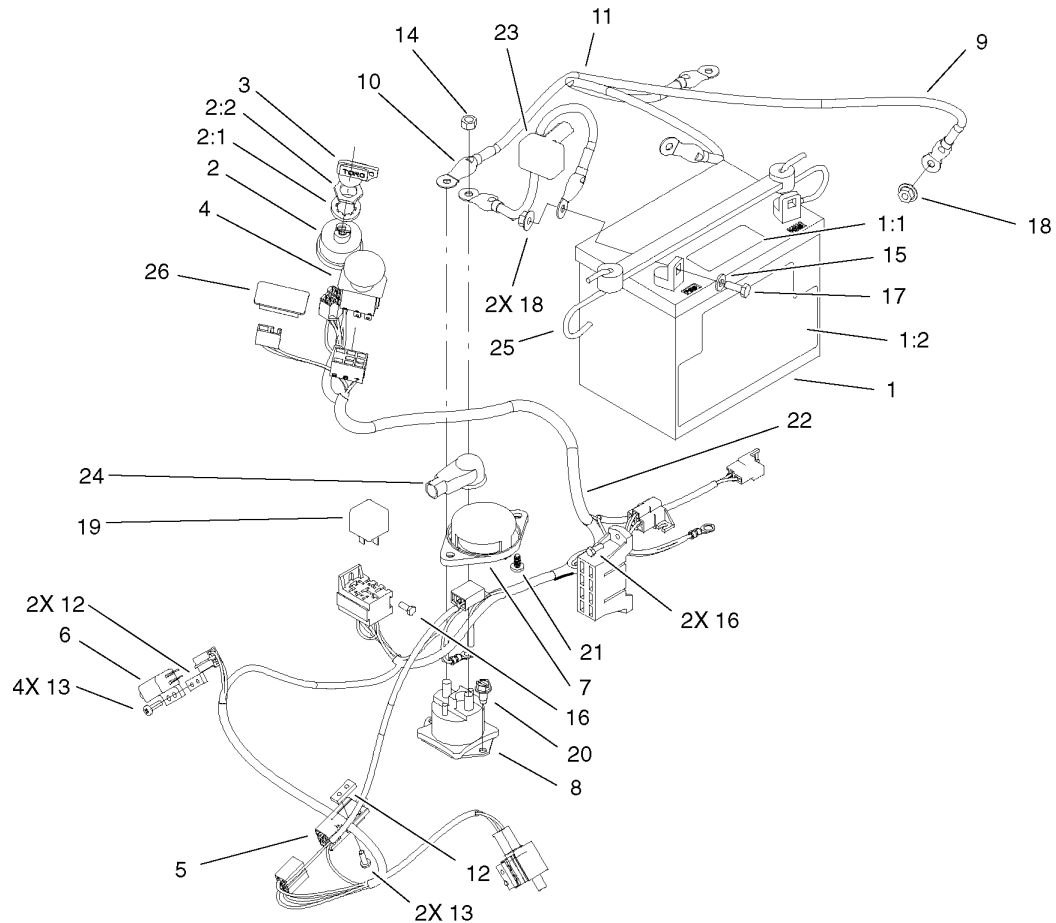
Ref	Part No.	Qty.	Description
1	100-7361	1	Hydro-LH
2	100-7360	1	Hydro-RH
3	100-7317-03	1	Plate-Hydro, Lower
4	3296-29	13	Nut-Lock, NI
5	323-13	1	Screw-HH
6	3256-4	3	Washer-Flat
7	1-603044	1	Bushing
8	3256-1	2	Washer-Flat
9	32128-20	1	Nut-HF
10	55-9420	1	Bolt-Eye
11	104-3614	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	104-8005	1	Spacer
13	1-603414	1	Spring-Extension
14	1-603496	1	Bushing-Idler
15	1-603843	1	Pulley-Idler
17	302-40	1	Fitting-Grease
18	323-10	1	Screw-HH
19	104-3630	1	Pulley-Idler
20	104-3622	1	Belt-V
21	32128-21	2	Nut-HF
22	3296-39	1	Nut-Lock, NI
23	98-5975	1	Washer-Belleville
24	104-8008	1	Decal-Transport

Ref	Part No.	Qty.	Description
25	3256-23	24	Washer-Flat
26	1-806003	2	Pin-Hair
27	323-9	1	Screw-HH
28	104-3669	1	Rod-LH
29		2	Wheel And Tire ASM
29:1	105-1944	1	Tire
29:2	105-1946	1	Wheel
29:3	232-27	1	Stem-Valve
30	242-50	8	Nut-Lug
31	104-8013-03	1	Guard-Fan, RH
32	322-13	12	Screw-HH
33	104-3668	1	Rod-RH
34	104-8033-03	1	Guard-Fan, LH



Engine and Clutch Assembly

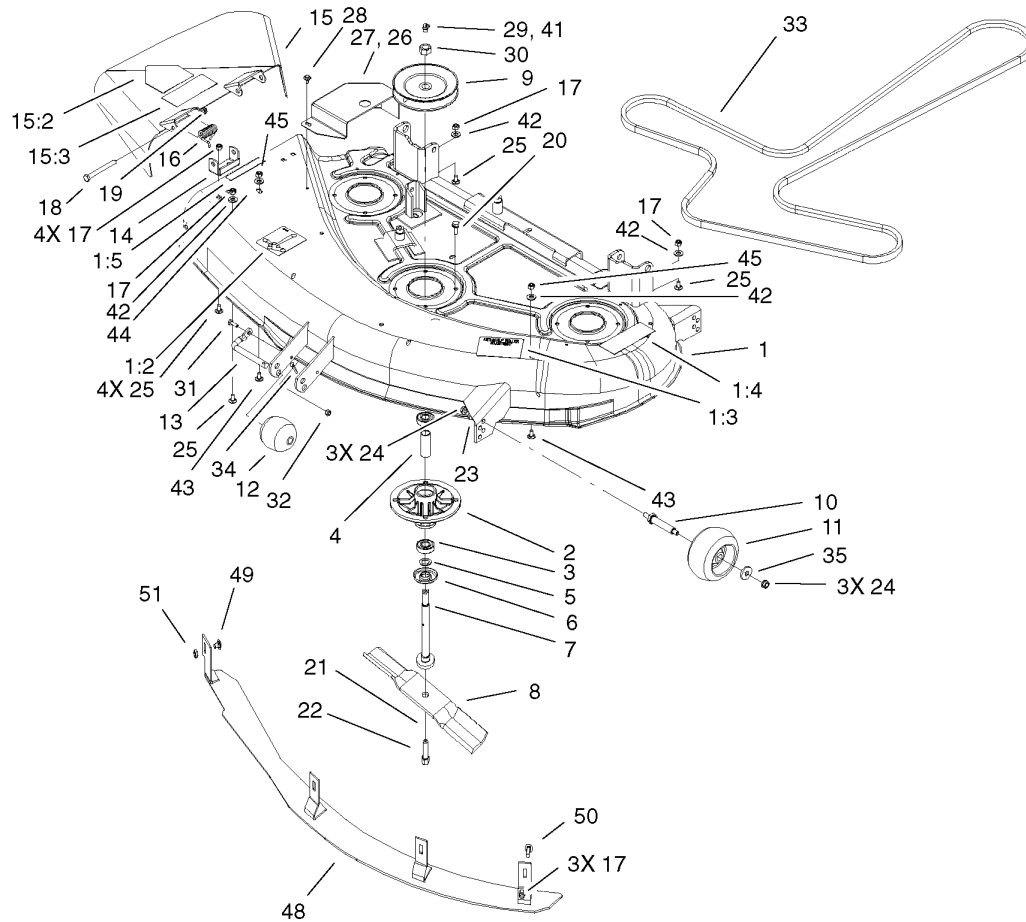
Ref	Part No.	Qty.	Description				
1	3212-12	1	Screw-HH				
2	112843	1	Washer				
3	104-3624	1	Clutch				
4	100-7314	1	Pump Drive Pulley ASM				
5	5-7280	1	Key				
6	33114-030	4	Screw-HH				
7	3253-4	4	Washer-Lock				
8	62-7190	4	Spacer-Steel				
9	3296-29	2	Nut-Lock, NI				
10	104-8020	1	Decal-Engine Kohler				
11		1	Engine-Kohler, Cv490S-27503				
13	104-8018	1	Nipple-Pipe				
15	288-10	1	Cap-Pipe				
17	323-4	2	Screw-HH				
18	65-2690	1	Decal-Surface, Hot				
19	104-3613-03	1	Stop-Clutch				
20	98-5023	1	Bumper				
21	32128-21	2	Nut-HF				
23	322-5	2	Screw-HH				
24	3256-23	4	Washer-Flat				



Electrical Assembly

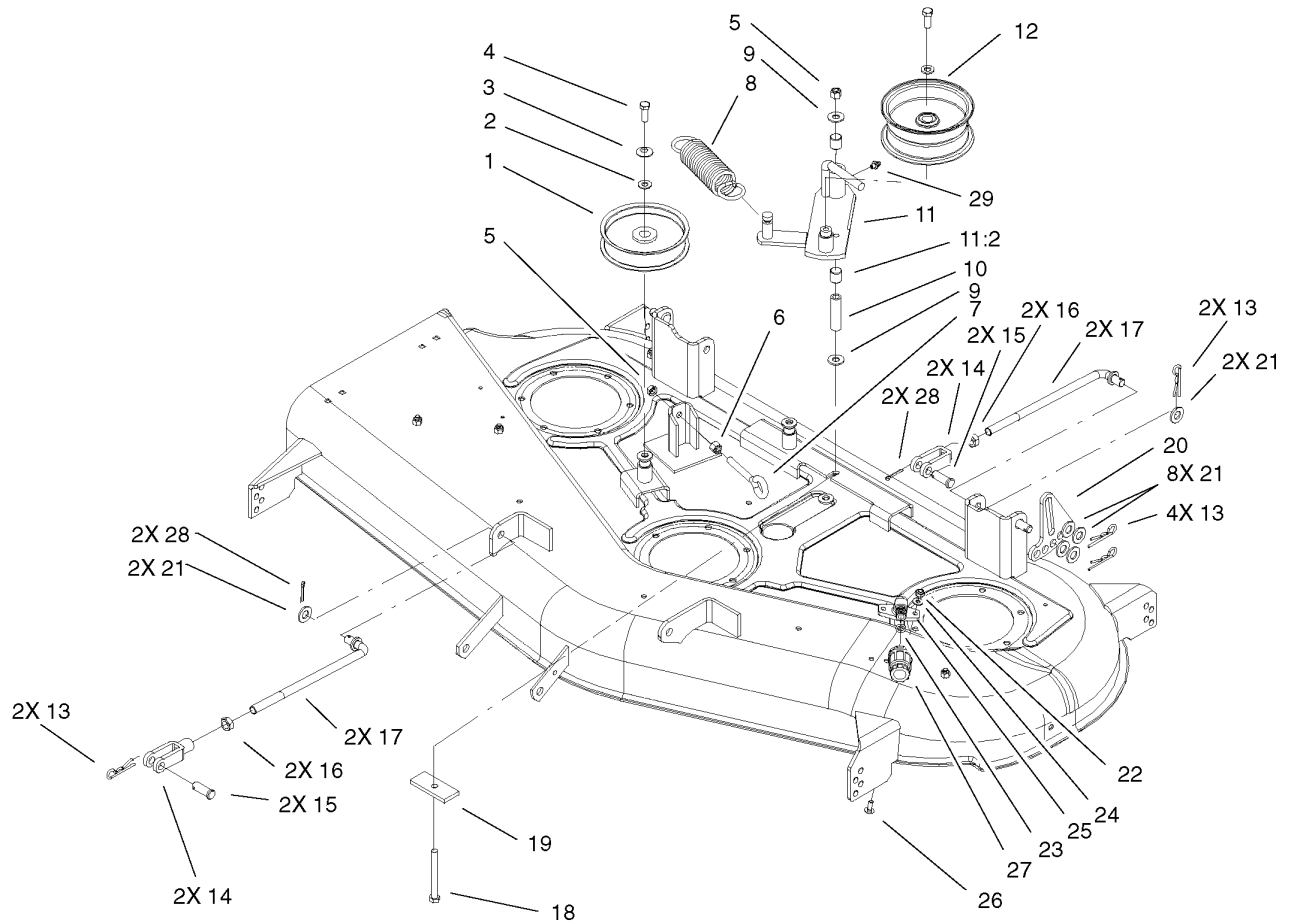
Ref	Part No.	Qty.	Description
1	104-2491	1	Battery
1:1	104-4163	1	Decal-Battery
1:2	104-5091	1	Decal-Battery
2	88-9830	1	Key Switch ASM
2:1	3254-5	1	Washer-Tooth
2:2	218-461	1	Nut-HH
3	63-8360	1	Key-Ignition
4	95-7489	1	Switch-PTO
5	86-4690	1	Switch-Interlock
6	65-7410	2	Switch-Pole, Single
7	105-6959	1	Switch-Seat
8	28-4210	1	Solenoid
9	28-3891	1	Wire-Solenoid/Starter
10	93-1189	1	Wire ASM
11	93-0324	1	Cable
12	1-633181	3	Plate-Tapped
13	32144-8	6	Screw-PPHTF
14	32149-1	2	Nut-Keps
15	3256-22	2	Washer-Flat
16	32144-1	3	Screw-Taptite
17	321-4	2	Screw-HH
18	32128-33	3	Nut-HF
19	98-7249	1	Relay
20	46-8560	2	Screw-HHF

Ref	Part No.	Qty.	Description
21	105-6968	2	Screw-Seat, Switch
22	104-3686	1	Harness-Wire Kohler
●22:1	109102	1	Fuse-25 Amp
●22:2	109103	1	Fuse-30 Amp
23	28-8080	1	Boot-Terminal
24	93-3190	1	Boot-Insulator, Terminal
25	104-2466	1	Holddown-Battery
26	99-7420	1	Plug-Hole



44in Deck Assembly

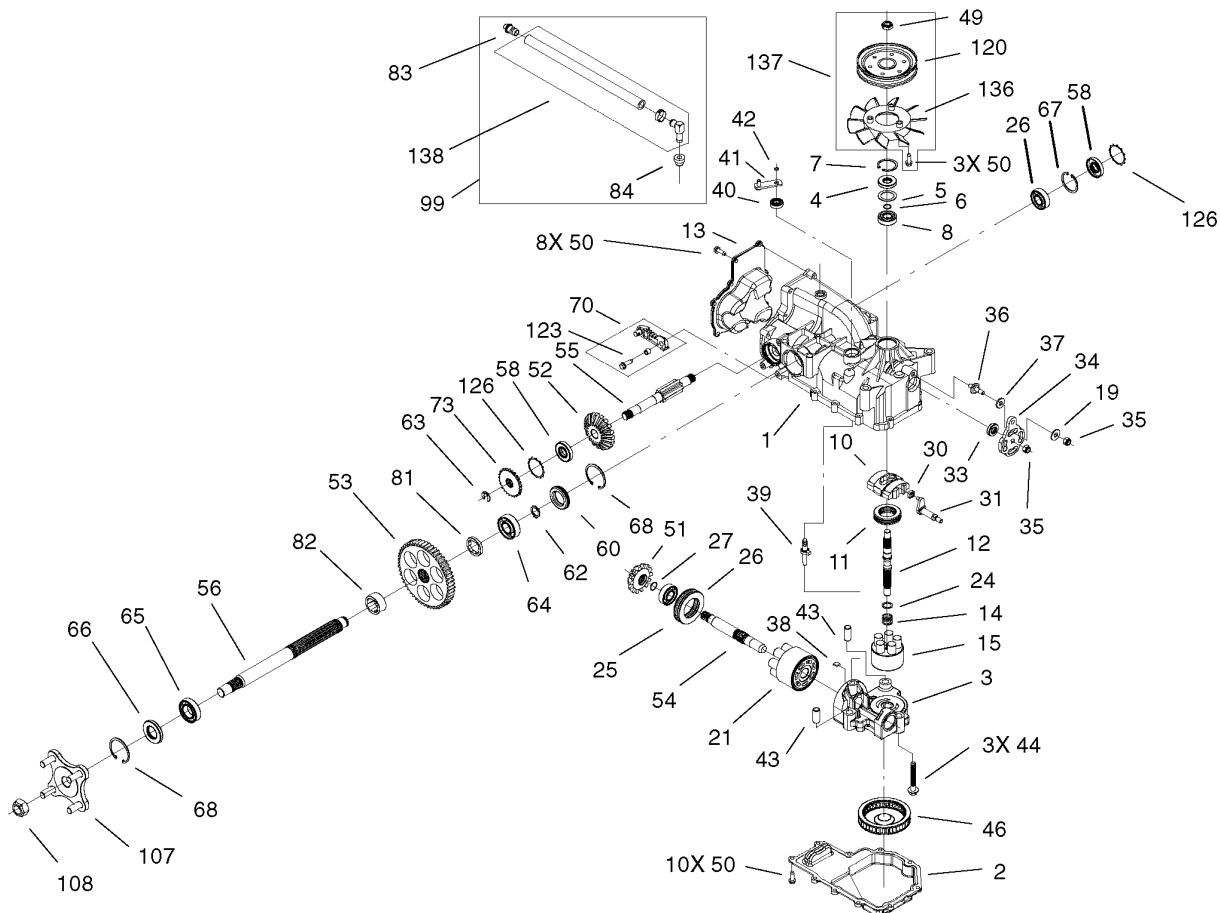
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	105-1948	1	44 Inch Deck ASM	19	3296-5	2	Nut-Lock
1:2	99-3943	1	Decal-Routing, Belt	20	32144-41	12	Screw-Taptite
1:3	98-3798	1	Decal-Wheel, Gage	21	3290-465	3	Washer-Belleville
1:4	92-7108	1	Decal-Danger	22	26-0671	3	Screw-Blade
1:5	92-7109	1	Decal-Caution	23	98-5975	3	Washer-Belleville
2	88-4510	3	Housing-Spindle	24	3290-357	6	Nut-HHF, Whiz
3	109966	6	Bearing-Ball	25	3230-18	7	Screw-CARR
4	94-7959	3	Spacer - Bearing	26	104-3646-01	1	Cover-Belt, LH
5	80-4380	3	Spacer	27	104-3645-01	1	Cover-Belt, RH
6	80-4360	3	Shield-Bearing	28	46-8560	4	Screw-HHF
7	94-7547	3	Shaft-Center, Spindle	29	302-5	2	Fitting-Grease
8	54-0010-03	3	Blade	30	3219-6	3	Nut-Hex
9	100-7321	3	Pulley ASM	31	321-4	1	Screw-HH
10	99-2842	3	Spacer	32	3296-42	1	Nut-Lock, NI
11	68-2730	3	Wheel-Gage	33	105-6963	1	Belt-V
12	29-4820	1	Roller	34	3272-21	1	Pin-Cotter
13	118960-03	1	Shaft-Roller	35	1-373034	3	Washer
14	29-5590-03	2	Bracket-Pivot	41	302-60	1	Fitting-Grease, 90 DEG
15	100-8003	1	Deflector/Decal ASM	42	3256-24	4	Washer-Flat
15:2	93-1122	1	Decal-Danger	43	3231-21	2	Screw-CARR
15:3	92-7108	1	Decal-Danger	44	3256-5	1	Washer-Flat
16	40-6230	2	Spring	45	3296-39	2	Nut-Lock, NI
17	3296-29	10	Nut-Lock, NI	48	93-9950-03	1	Baffle
18	3211-15	2	Screw-HH	49	3230-19	1	Screw-CARR



44in Deck Belt Drive and Lift Assembly

Ref	Part No.	Qty.	Description
1	1-613098	2	Pulley-Idler
2	3256-24	3	Washer-Flat
3	98-5975	3	Washer-Belleville
4	323-6	3	Screw-HH
5	3296-39	2	Nut-Lock, NI
6	3217-7	1	Nut-Hex
7	94-2547	1	Bolt-Eye
8	105-6992	1	Spring-Extension
9	1-809107	2	Washer-Hardened
10	1-603384	1	Bushing-Pivot, Idler
11	99-3879	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	1-413099	1	Pulley-Idler
13	1-806005	8	Pin-Hair
14	100-7338	4	Clevis
15	104-3634	4	Pin-Clevis
16	3220-5	4	Nut-Jam
17	104-8047	4	Rod-Trunion
18	1-800805	1	Screw-HH
19	104-8037-01	1	Plate-Bolt, Retainer
20	104-3699-01	2	Link-HOC, Adjusting
21	3256-26	12	Washer-Flat
22	3296-16	2	Nut-Lock, NI
23	46-6290	1	O-Ring

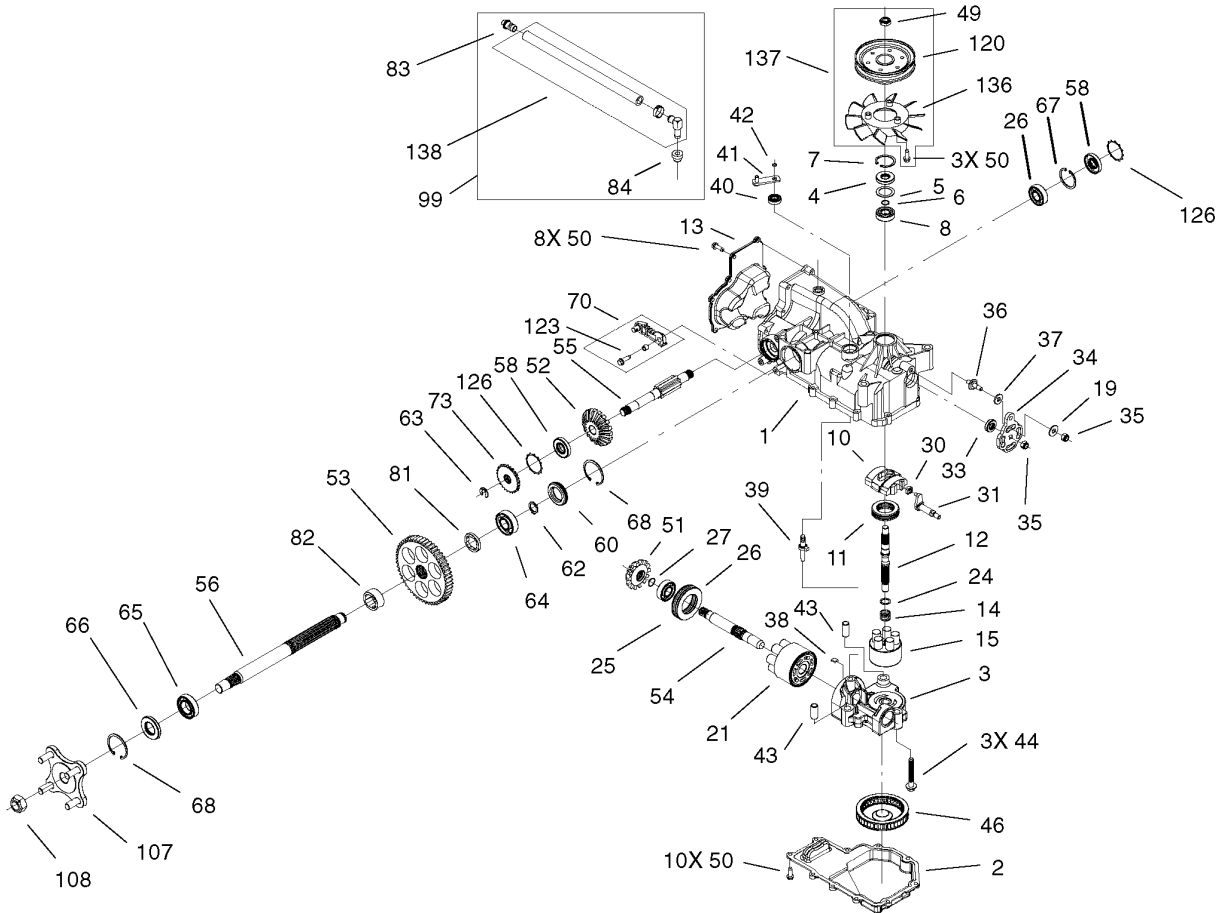
Ref	Part No.	Qty.	Description
24	3256-1	2	Washer-Flat
25	95-2747	1	Fitting-Washout
26	3229-1	2	Screw-CARR
27	95-3270	1	Connector-Hose
28	3272-10	4	Pin-Cotter
29	302-19	1	Fitting-Grease



RH Hydro Transaxle Assembly No. 100-7360

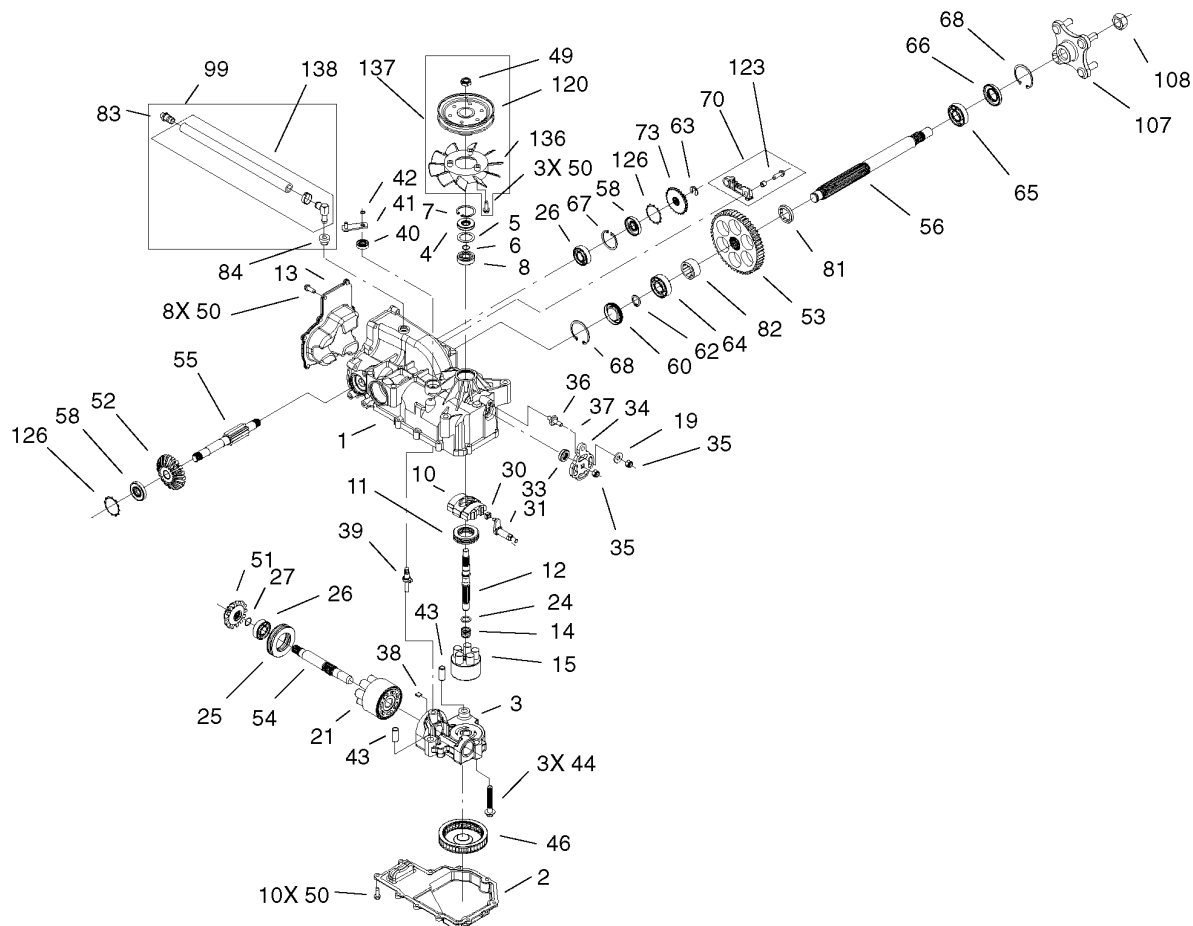
Ref	Part No.	Qty.	Description
1	105-1867	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	104-2146	1	Washer
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Thrust, Block
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



RH Hydro Transaxle Assembly No. 100-7360 (continued)

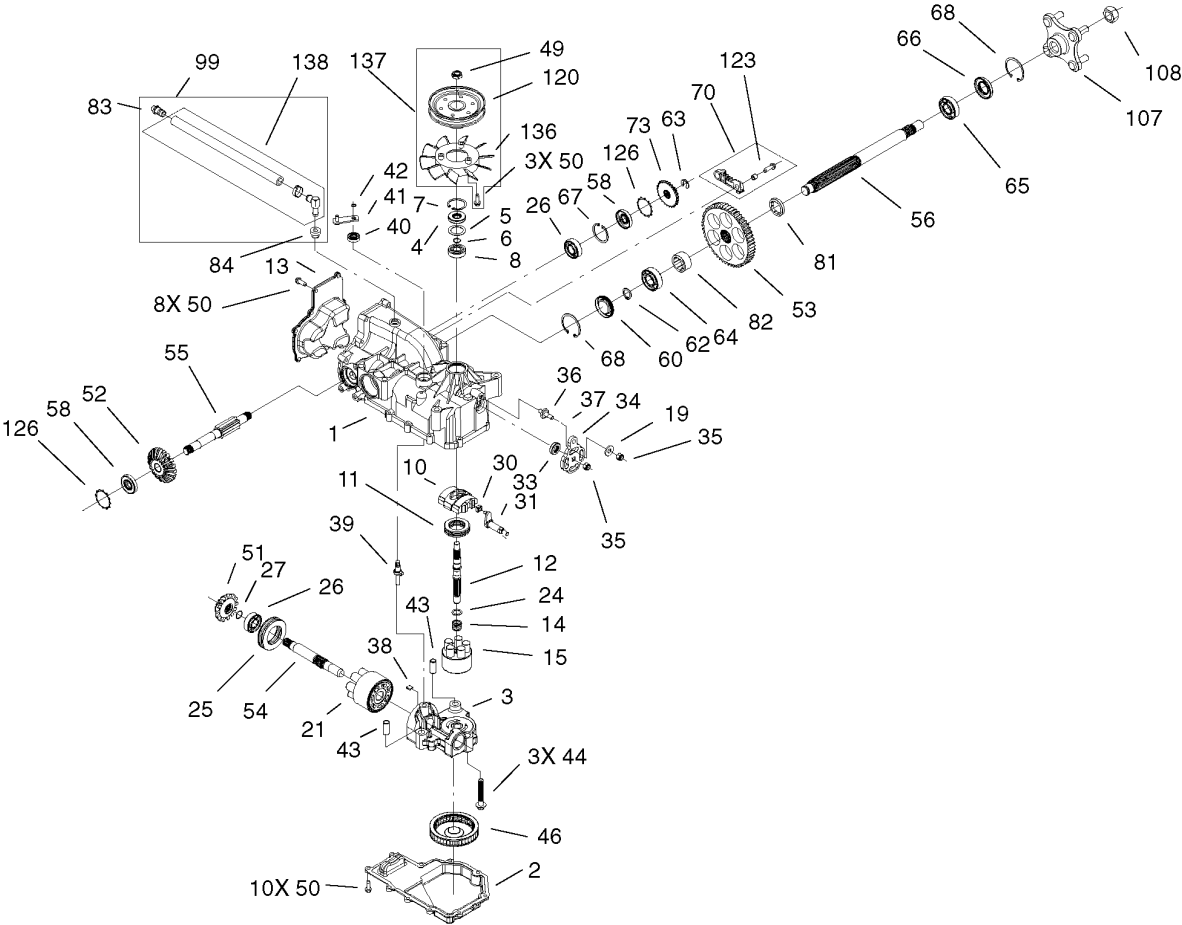
Ref	Part No.	Qty.	Description				
65	105-1886	1	Bearing-Ball				
66	105-1887	1	Seal				
67	104-5309	1	Ring-Retaining				
68	105-1888	2	Ring-Retaining, Axle				
70	105-1910	1	RH Brake Arm ASM				
73	105-1890	1	Disc-Brake				
81	105-1891	1	Bushing-Axle				
82	105-1892	1	Bushing-Axle				
83	104-2167	1	Vent Cap ASM				
84	104-2165	1	Bushing-Rubber				
99	105-1893	1	Kit-Breather				
❶100	104-2147	1	Sealant				
107	105-1894	1	Hub ASM				
108	105-1895	1	Nut				
120	105-1896	1	Pulley				
123	105-1897	1	Screw				
126	105-1898	2	Ring-Retaining				
❶134	105-1899	1	Seal Kit				
136	105-1927	1	Fan				
137	105-1928	1	Fan Pulley Kit				
138	105-1929	1	Kit-Hose				



LH Hydro Transaxle Assembly No. 100-7361

Ref	Part No.	Qty.	Description
1	105-1867	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	104-2146	1	Washer
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Thrust, Block
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



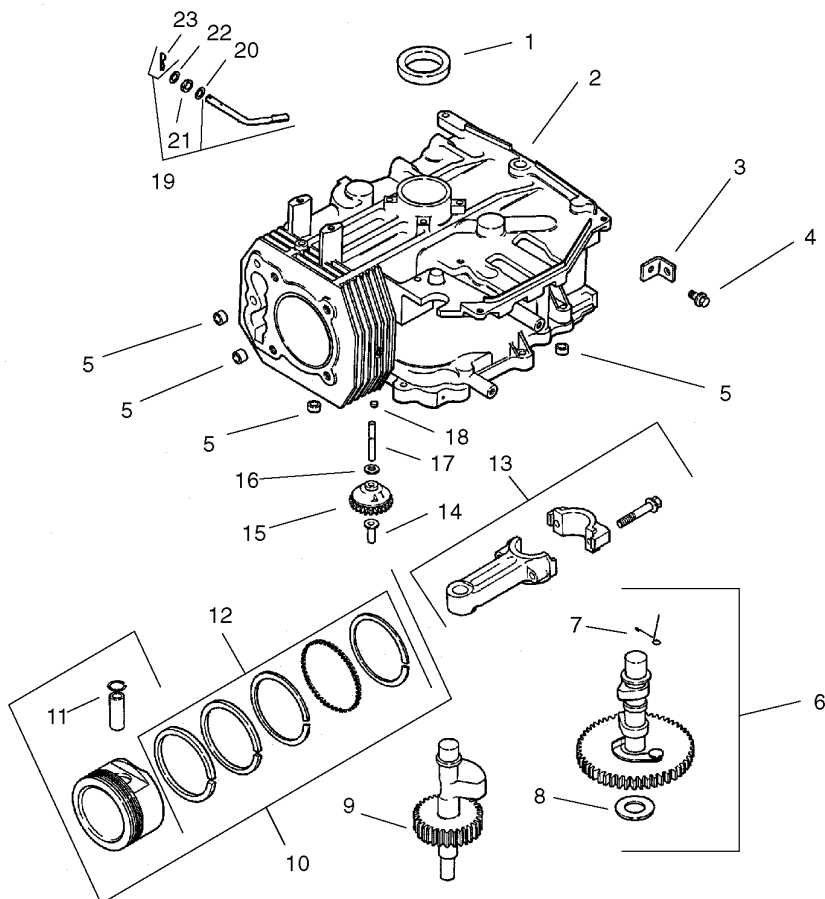
LH Hydro Transaxle Assembly No. 100-7361 (continued)

Ref	Part No.	Qty.	Description				
65	105-1886	1	Bearing-Ball				
66	105-1887	1	Seal				
67	104-5309	1	Ring-Retaining				
68	105-1888	2	Ring-Retaining, Axle				
70	105-1889	1	LH Brake Arm ASM				
73	105-1890	1	Disc-Brake				
81	105-1891	1	Bushing-Axle				
82	105-1892	1	Bushing-Axle				
83	104-2167	1	Vent Cap ASM				
84	104-2165	1	Bushing-Rubber				
99	105-1893	1	Kit-Breather				
❶100	104-2147	1	Sealant				
107	105-1894	1	Hub ASM				
108	105-1895	1	Nut				
120	105-1896	1	Pulley				
123	105-1897	1	Screw				
126	105-1898	2	Ring-Retaining				
❶134	105-1899	1	Seal Kit				
136	105-1927	1	Fan				
137	105-1928	1	Fan Pulley Kit				
138	105-1929	1	Kit-Hose				



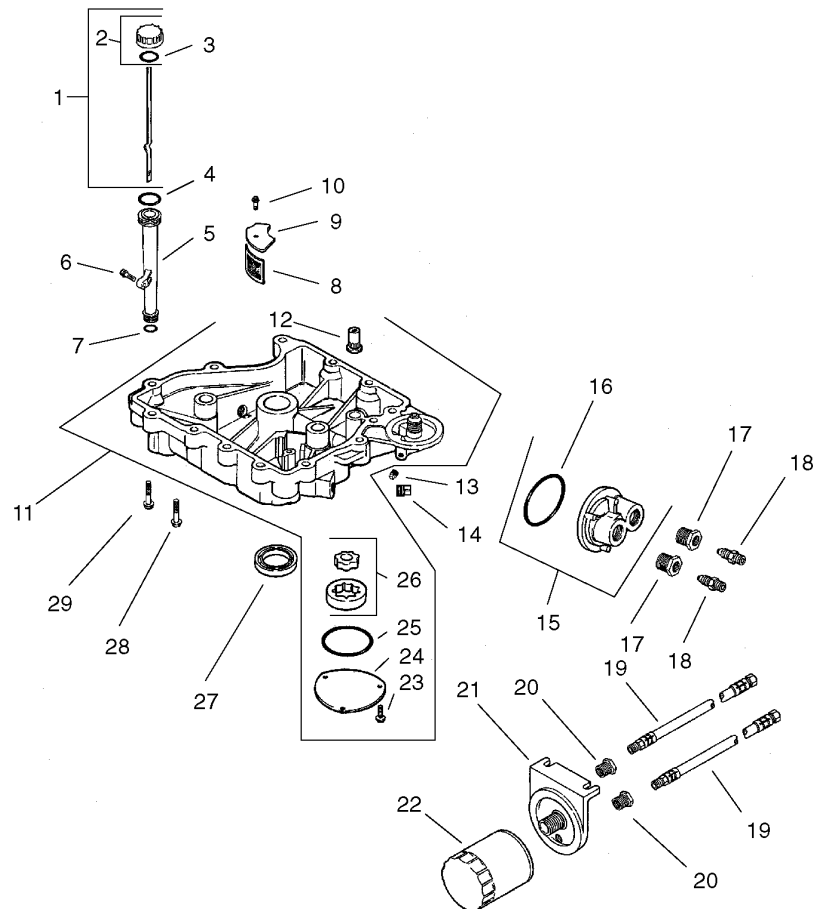
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31	12 014 57-S	2	Crankshaft (Includes 2)
32	25 139 27-S	1	Plug-Cup



Crankcase Assembly Kohler CV 490S-27503

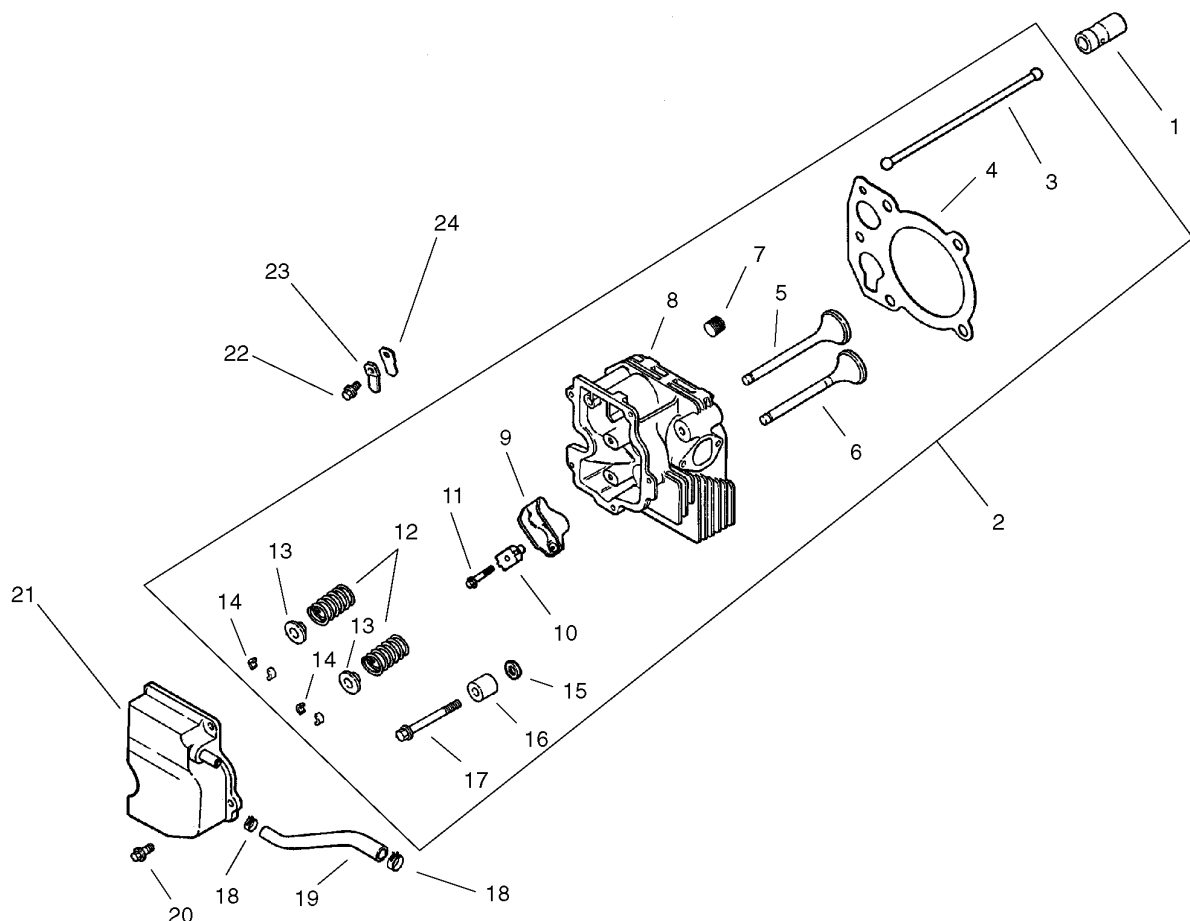
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	12 032 03-S	1	Seal-Oil	❶	12 108 09-S	1	Ring Set (.50)
❶2		0	Block, Cylinder (Use:short Block 12 522 51)	❶13	12 067 11-S	1	Rod-Connecting (STD)
❶3	12 445 02-S	1	Strap-Lifting	❶	12 067 12-S	1	Rod-Connecting (.25)
❶4	M-839025-S	1	Screw-HF (M8X1.25X25)	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	12 755 49-S	1	Kit, Camshaft (Includes 7, 8)	❶16	M-631005-S	1	Washer-Flat (6 Mm)
❶7	12 089 31-S	1	Spring-Actuating	❶17	12 144 02-S	1	Shaft-Gear, Governor
❶8	12 422 08-S	1	Shim-Camshaft (Blue .03)	❶18	52 139 09-S	1	Plug-Cup
❶	12 422 09-S	1	Shim-Camshaft (Red .032)	❶19	12 755 64-S	1	Kit, Governor Cross Shaft W/Clip (Includes 23)
❶	12 422 10-S	1	Shim-Camshaft (Yellow .034)	❶20	X-25-102-S	1	Washer-Flat (1/4)
❶	12 422 11-S	1	Shim-Camshaft (Green .036)	❶21	12 032 01-S	1	Seal-Cross Shaft, Governor
❶	12 422 12-S	1	Shim-Camshaft (Gray .038)	❶22	M-631015-S	1	Washer-Flat (6Mm)
❶	12 422 13-S	1	Shim-Camshaft (Black .04)	❶23	12 154 05-S	1	Clip-Pin, Hitch
❶	12 422 07-S	1	Shim-Camshaft (White .028)				
❶9	12 144 28-S	1	Shaft-Balance				
❶10	12 874 07-S	1	Piston W/Ring Set (STD.)(Includes 11, 12)				
❶	12 874 08-S	1	Piston W/Ring Set (.25)				
❶	12 874 09-S	1	Piston W/Ring Set (.50)				
❶	12 874 11-S	1	Piston W/Ring Set (.08)				
❶11	12 018 02-S	2	Retainer-Pin, Piston				
❶12	12 108 07-S	1	Ring Set (STD. And .08)				
❶	12 108 08-S	1	Ring Set (.25)				



Oil Pan / Lubrication Assembly Kohler CV 490S-27503

Ref	Part No.	Qty.	Description
❶	12 038 02-S	1	Dipstick (Includes 2, 3)
❷	24 755 46-S	1	Kit, Oil Fill Cap (Includes 3)
❸	12 153 03-S	1	O-Ring
❹	12 153 02-S	1	O-Ring
❺	12 123 04-S	1	Oil Fill Tube Kit
❻	M-545020-S	1	Screw-Flange, Thread Forming (M5X.8X20)
❼	12 153 01-S	1	O-Ring
❽	25 162 07-S	1	Screen-Pickup, Oil
❾	12 096 03-S	1	Cover-Screen, Oil Pickup
❿	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
⓫	12 199 50-S	1	Pan, Oil (Includes 12, 23-26)
⓬	25 462 09-S	1	Valve-Relief, Oil Pressure
⓭	25 139 52-S	1	Plug-Pipe (1/8In)
⓮	25 139 57-S	2	Plug-Pipe, Sq HD (3/8)
⓯	24 029 02-S	1	Adapter, Oil Filter (Includes 16)
⓰	24 153 13-S	1	O-Ring
⓱	25 158 10-S	1	Bushing, Reducing 7/8X1/4X1/2 N.P.T.F.
⓲	52 136 02-S	1	Nipple-Metallic
⓳	52 326 11-S	1	Hose, Oil (Red Tracer) (2) 1/8-27 N.P.T.F. Male Coupling, 1/4-18 N.P.S.M. Female Coupling X 23In Long

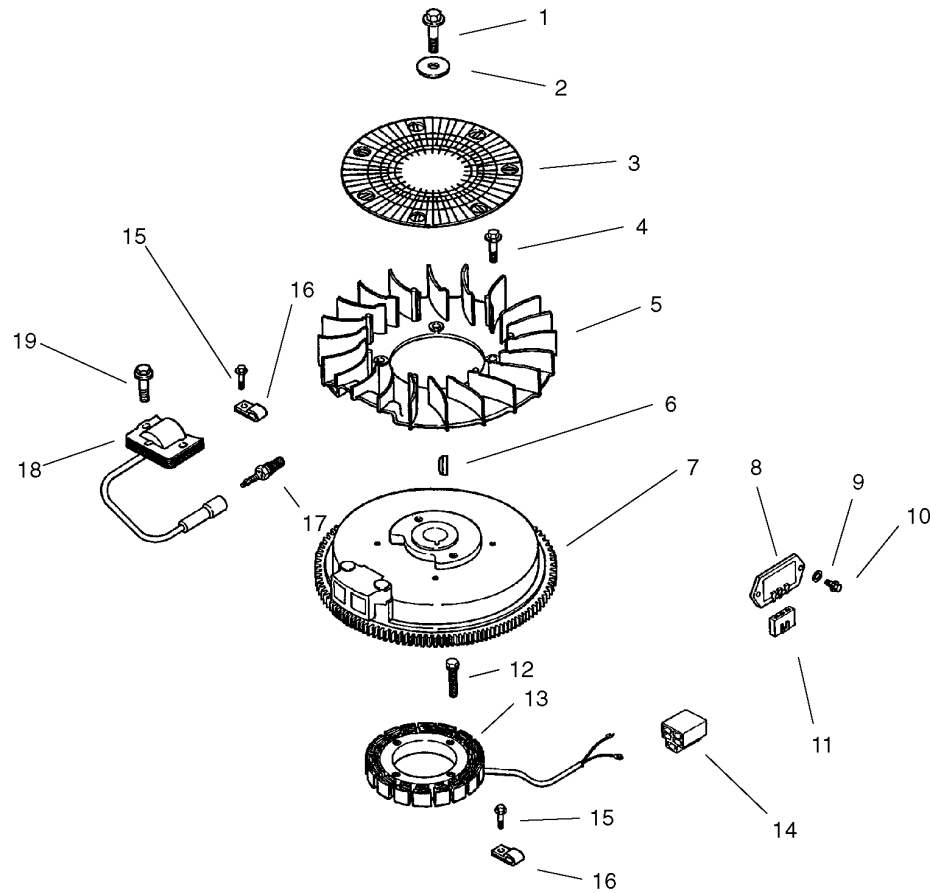
Ref	Part No.	Qty.	Description
❷❶	25 158 15-S	1	Bushing, Reducing 1/8X1/4 N.P.T.F.
❷❷	12 029 02-S	1	Adapter, Oil Filter
❷❸	12 050 01-S	1	Filter-Oil
❷❹	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
❷❺	12 096 34-S	1	Cover-Pump, Oil
❷❻	12 153 06-S	1	O-Ring (Oil Pump Cover)
❷❼	12 393 01-S	1	Oil Pump ASM
❷❽	12 032 03-S	1	Seal-Oil
❷❽	24 086 16-S	11	Screw-HF (M8X1.25X45)
❷❾	24 086 17-S	1	Screw-Flange (M8X1.25X45)



Head / Valve / Breather Assembly Kohler CV 490S-27503

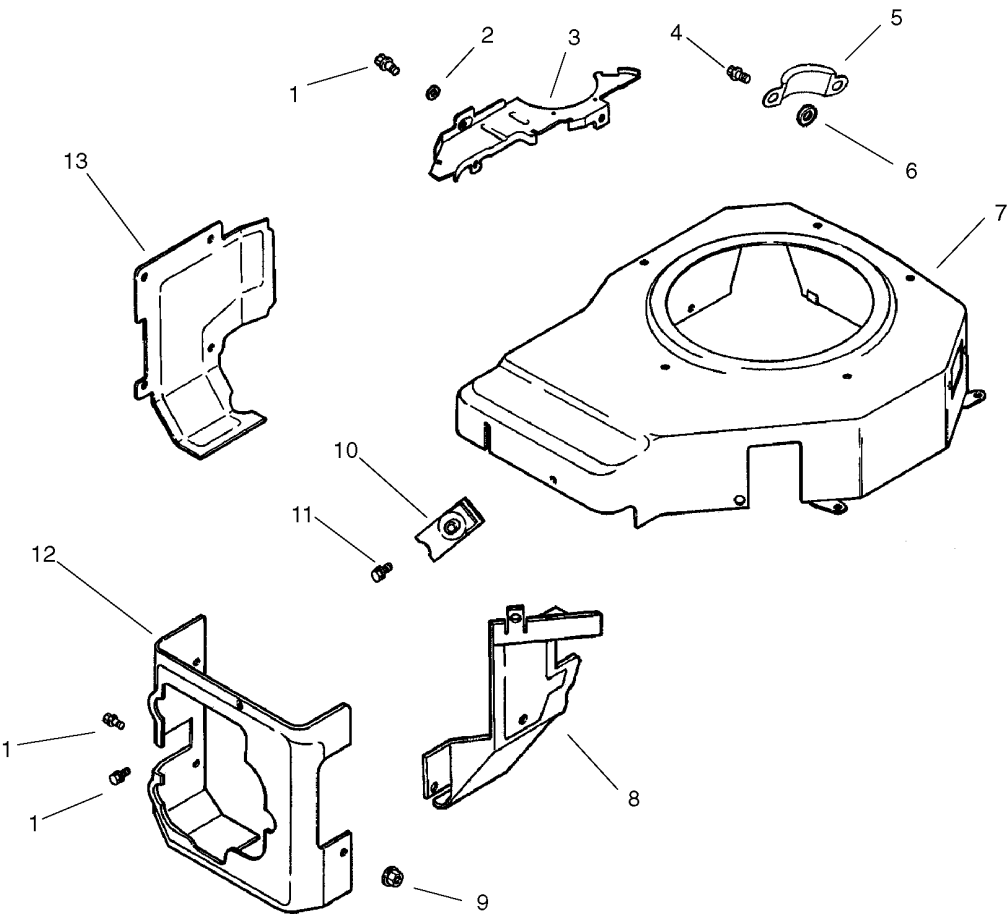
Ref	Part No.	Qty.	Description
❶1	25 351 01-S	2	Lifter-Valve
❶2	12 755 94-S	1	Kit, Cylinder Head (Includes 3-17, Carburetor Gasket (2), Air Cleaner Base Gasket, Exhaust Manifold Gasket)
❶3	12 411 03-S	2	Rod-Push
❶4	12 041 10-S	1	Gasket-Head, Cylinder
❶5	12 017 01-S	1	Valve-Intake (STD)
❶6	12 016 01-S	1	Valve-Exhaust (STD)
❶7	25 139 60-S	1	Plug-Pipe, Countersunk (1/8)
❶8	12 318 36-S	1	Cylinder Head
❶9	25 186 01-S	2	Arm-Rocker
❶10	12 599 03-S	1	Pivot-Arm, Rocker
❶11	M-640034-S	2	Screw-Flange (M6X1.0X34)
❶12	12 089 34-S	2	Spring-Valve
❶13	12 173 01-S	2	Cap-Spring, Valve
❶14	12 755 03-S	2	Retainer Kit
❶15	12 468 05-S	1	Washer-Flat (1/2)
❶16	12 112 13-S	1	Spacer-Head Bolt (Exhaust Port)
❶17	12 086 15-S	5	Screw, M10X1.5X81
❶18	25 237 14-S	2	Clamp-Hose, Spring (1/2)
❶19	12 326 03-S	1	Hose-Breather
❶20	M-645020-S	5	Screw-Flange, Thread Forming (M6X1.0X20)
❶21	12 096 07-S	1	Cover-Valve W/Nipple

Ref	Part No.	Qty.	Description
❶22	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❶23	12 018 01-S	1	Retainer-Reed, Breather
❶24	12 402 02-S	1	Reed-Breather
❶❶	12 017 02-S	1	Valve-Intake (.25)
❶❶	12 016 02-S	1	Valve-Exhaust (.25)
❶❶	12 041 01-S	2	Gasket-Carburetor
❶❶	12 041 02-S	1	Gasket-Base, Air Cleaner
❶❶	12 041 03-S	1	Gasket-Manifold, Exhaust



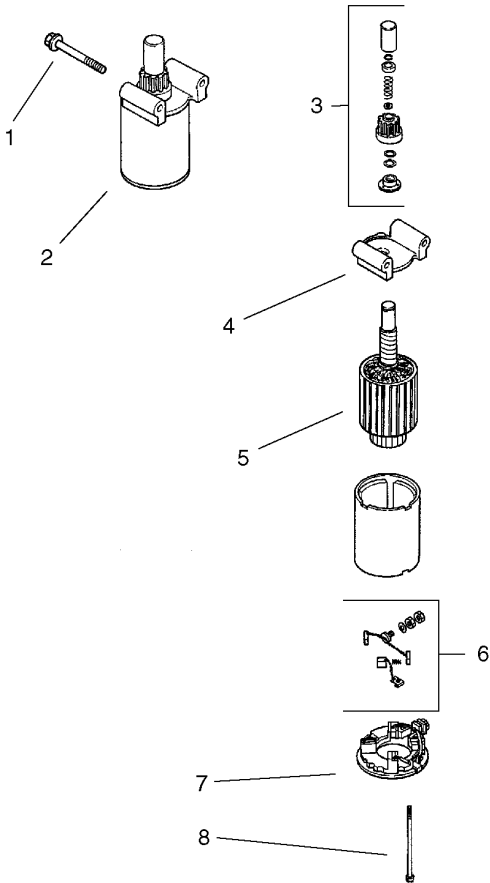
Ignition / Electrical Assembly Kohler CV 490S-27503

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶	12 086 14-S	1	Screw-Flange (M10X1.5X45)	❶	24 518 12-S	1	Lead-Black
❷	12 468 03-S	1	Washer-Flat (13/32)				
❸	24 162 03-S	1	Screen-Grass				
❹	25 086 47-S	4	Bolt-Shoulder				
❺	12 157 06-S	1	Fan				
❻	X-42-15-S	1	Key (3/16 X 5/8)				
❼	12 025 15-S	1	Flywheel				
❽	41 403 09-S	1	Rectifier-Regulator				
❾	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4)				
❿	M-639016-S	2	Screw-HF (M6X1.0X16)				
❶❶	236602-S	1	Connector (3 Contact)				
❶❷	M-548025-S	2	Screw-Thread Forming (M5X0.8X25)				
❶❸	237878-S	1	Kit, Stator (Includes Terminal 25 452 01-S)				
❶❹	48 155 01-S	1	Connector (5 Contact)				
❶❺	M-545010-S	2	Screw-Flange, Thread Forming (M5X.8X10)				
❶❻	X-728-1-S	2	Clip				
❶❼	12 132 02-S	1	Plug-Spark				
❶❽	12 584 04-S	1	Module-Ignition				
❶❾	M-545020-S	2	Screw-Flange, Thread Forming (M5X.8X20)				
❶❶	25 518 05-S	1	Lead				
❶❷	12 518 01-S	1	Lead				



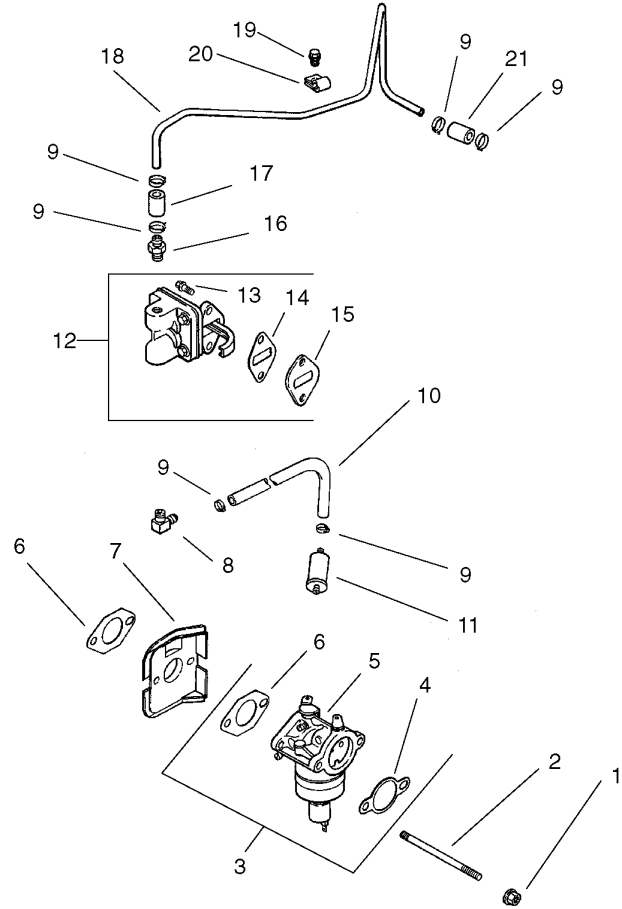
Blower Housing and Baffle Assembly
Kohler CV 490S-27503

Ref	Part No.	Qty.	Description				
❶1	M-545010-S	6	Screw-Flange, Thread Forming (M5X.8X10)				
❷2	24 468 10-S	1	Washer-Plain (1/4)				
❸3	12 146 07-S	1	Plate-Housing, Blower				
❹4	M-645016-S	2	Screw-Flange, Thread Forming (M6X1.0X16)				
❺5	24 096 05-S	1	Cover-Pinion				
❻6	220534-S	2	Washer Plain 5/16				
❼7	12 027 55-S	1	Housing-Blower				
❸8	12 063 18-S	1	Baffle (Intake Side)				
❹9	M-541050-S	1	Nut-HF (M5X0.8)				
❺10	25 154 02-S	3	Clip-Mounting				
❻11	12 086 37-S	3	Screw-Washer, Captive (M5X0.8X20)				
❸12	12 063 20-S	1	Baffle (Cylinder Head)				
❹13	12 063 19-S	1	Baffle-Cylinder				



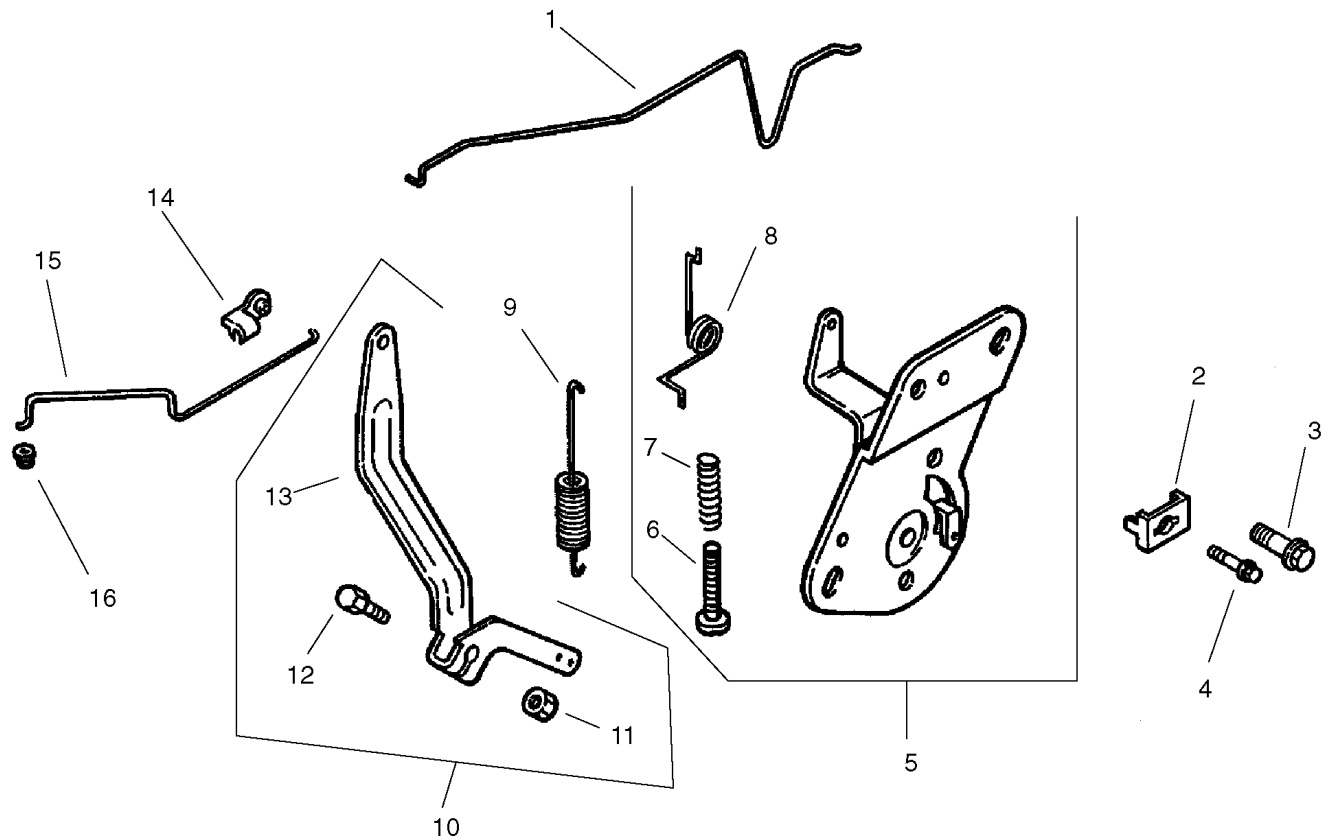
Starting System Assembly
Kohler CV 490S-27503

Ref	Part No.	Qty.	Description				
❶1	M-839070-S	2	Screw-HF (M8X1.25X70)				
❷2	12 098 15-S	1	Starter Assembly (Includes 3-8)				
❸3	12 755 53-S	1	Drive Kit				
❹4	12 227 19-S	1	Cap-End, Drive				
❺5	12 170 05-S	1	Armature				
❻6	12 221 01-S	1	Brush ASM				
❼7	12 227 13-S	1	Commutator-Cap, End				
❽8	12 211 01-S	2	Bolt				



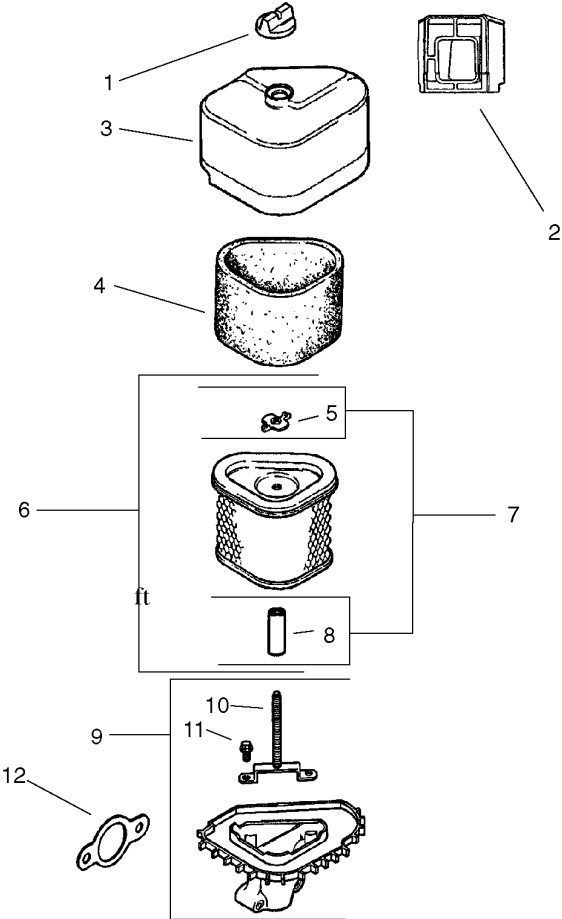
Fuel System Assembly
Kohler CV 490S-27503

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	M-641060-S	2	Nut-Flange (M6X1.0)	❶19	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❶2	M-629116-S	2	Stud (M6X1.0X116)	❶20	12 154 01-S	1	Clamp-Insulated
❶3	12 853 117-S	1	Kit, Carburetor W/Gaskets (Includes 4, 5, 6 Qty. 1, Tie 12 454 03-S And Terminal25 452 20-S)	❶21	41 353 18-S	1	Line-Fuel (2-1/2In)
❶4	12 041 02-S	1	Gasket-Base, Air Cleaner	❶❸	12 757 02-S	1	Float Repair Kit
❶5	12 053 117	1	Carburetor Assembly (For Information Only Not Available Separately)(Service With Kits: 12 757 02-S, 12 757 03-S, 12 757 33-S)	❶❸	12 757 03-S	1	Carburetor Repair Kit
❶6	12 041 01-S	2	Gasket-Carburetor	❶❸	12 757 33-S	1	Solenoid Repair Kit
❶7	12 265 06-S	1	Deflector-Heat	❶❸	12 518 24-S	1	Lead-Red (20In-18 Gauge-Insulated Socket And Uninsulated Push On Tab Terminals)
❶8	25 155 02-S	1	Connector-Hose, 90 DEG	❶❸	12 454 03-S	3	Tie-Wire
❶9	25 237 14-S	6	Clamp-Hose, Spring (1/2)	❶❸	M-561010-S	1	Screw-HWHTF (M5X0.8X10)
❶10	25 353 14-S	1	Line-Fuel, 7 Inch				
❶11	25 050 02-S	1	Filter-Fuel				
❶12	12 559 01-S	1	Kit, Fuel Pump (Includes 13-15)				
❶13	M-645020-S	2	Screw-Flange, Thread Forming (M6X1.0X20)				
❶14	25 041 09-S	2	Gasket-Pump, Fuel				
❶15	12 112 05-S	1	Spacer-Pump, Fuel				
❶16	25 326 03-S	1	Connector-Hose, Straight				
❶17	12 353 01-S	1	Line-Fuel (1-1/4In)				
❶18	12 123 19-S	1	Line-Fuel. Metal				



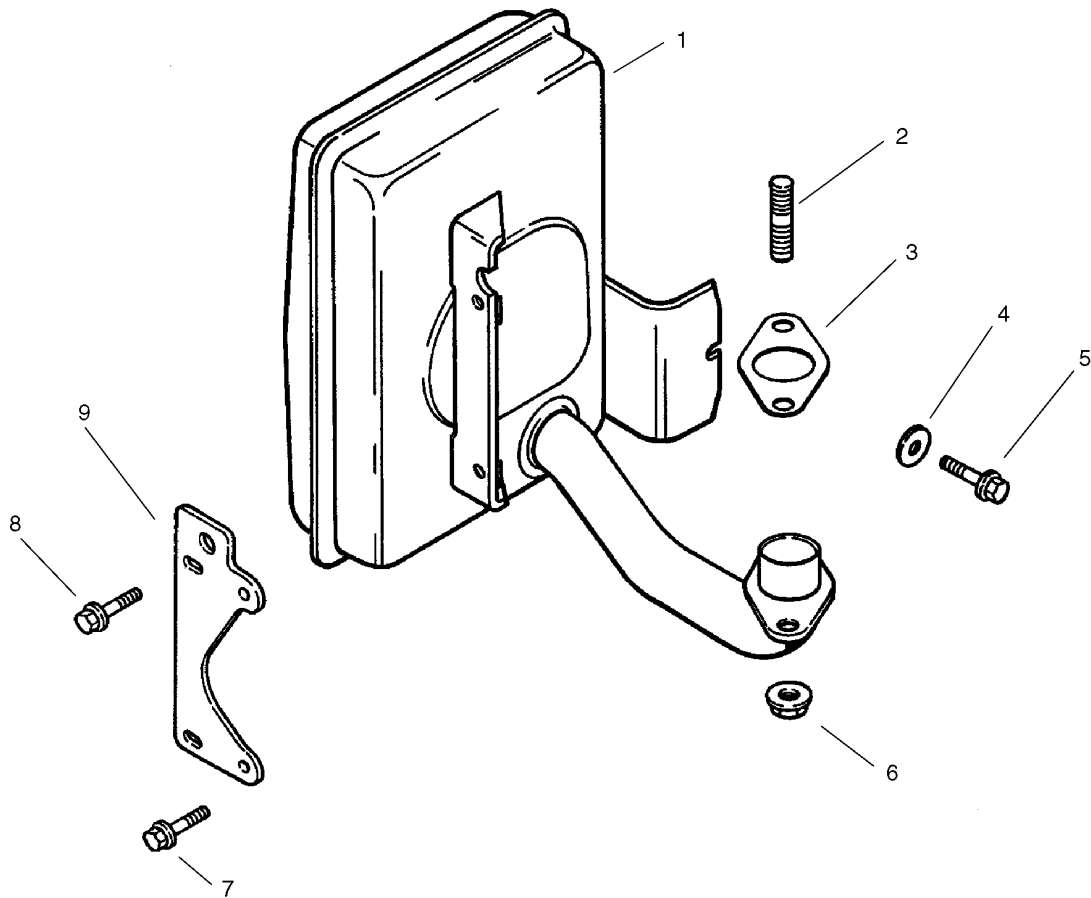
Fuel System Assembly Kohler CV 490S-27503

Ref	Part No.	Qty.	Description				
③④	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4)				
③①	12 079 11-S	1	Linkage-Choke				
③②	12 237 01-S	1	Clamp-Cable				
③③	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)				
③④	M-664020-S	2	Screw-Socket, 6 Lobed (Thread Forming, M6X1.0X20)				
③⑤	12 536 01-S	1	Control, Speed Assembly (Includes 6-8)				
③⑥	M-443025-S	1	Screw-SPH,M4X0.7X25				
③⑦	12 089 11-S	1	Spring-Control, Speed				
③⑧	12 089 23-S	1	Spring-Return, Choke				
③⑨	12 089 19-S	1	Spring-Governor				
③⑩	12 755 83-S	1	Kit, Governor Lever (Includes 11-13)				
③⑪	12 100 07-S	1	Nut-Flange, Hex (1/4-20)				
③⑫	52 211 04-S	1	Bolt-Square Neck, Round Head (1/4-20X1)				
③⑬	12 090 28-S	1	Lever-Governor				
③⑭	25 158 11-S	1	Bushing-Linkage, Throttle				
③⑮	12 079 10-S	1	Linkage-Throttle				
③⑯	25 158 08-S	1	Bushing-Retaining, Linkage				



Air Intake / Filtration Assembly
Kohler CV 490S-27503

Ref	Part No.	Qty.	Description				
❸1	25 341 03-S	1	Knob-Cover				
❸2	12 281 01-S	1	Duct, Air				
❸3	12 096 24-S	1	Cover-Air Cleaner				
❸4	12 083 12-S	1	Element-Precleaner				
❸5	12 100 08-S	1	Nut-Wing				
❸6	12 083 10-S	1	Element, Air Cleaner (Includes 5, 7, 8)				
❸7	12 743 12-S	1	Kit, Air Cleaner Seal (Includes 5, 8)				
❸8	12 032 11-S	1	Seal				
❸9	12 094 07-S	1	Base, Air Cleaner (Includes 10, 11)				
❸10	12 072 04-S	1	Stud				
❸11	12 086 01-S	2	Screw				
❸12	12 041 02-S	0	Gasket-Base, Air Cleaner				



Exhaust Assembly Kohler CV 490S-27503

Ref	Part No.	Qty.	Description				
❶	12 068 55-S	1	Muffler				
❷	25 072 04-S	1	Stud (M8X1.25X33)				
❸	12 041 03-S	1	Gasket-Manifold, Exhaust				
❹	X-25-78-S	1	Washer-Plain (1/4In)				
❺	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)				
❻	M-841080-S	2	Nut-Flange (M8X1.25)				
❼	M-645016-S	2	Screw-Flange, Thread Forming (M6X1.0X16)				
❽	M-645025-S	2	Screw-Flange, Thread Forming (M6X1.0X25)				
❾	12 126 71-S	1	Bracket-Muffler				
❿	12 755 70-S	4	Kit, Muffler Guard (Includes Screw (4) M-545010-S)				
⓫	M-545010-S	4	Screw-Flange, Thread Forming (M5X.8X10)				
⓬	12 522 51	1	Short Block				
⓭	12 755 93-S	1	Gasket Set				

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