



Commercial Walk-Behind Mower Floating Deck T-Bar Hydro with 52in TURBO FORCE® Cutting Unit

Model No. 30499 - 280001001 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.

Contents

Description	Page	Description	Page
Engine and Clutch Assembly	 3	Cylinder and Crankcase Assembly Kawasaki FH580V-DS28	 24
Fuel System, Hydraulic Pump and Filter Assembly	 4	Piston and Crankshaft Assembly Kawasaki FH580V-DS28	 25
Hydraulic Pump Assembly No. 115-4480	 5	Valve and Camshaft Assembly Kawasaki FH580V-DS28	 26
Hydraulic Pump Assembly No. 115-4481	 6	Lubrication Equipment Assembly Kawasaki FH580V-DS28	 27
Pump Drive and Wheel Assembly	 7	Cooling Equipment Assembly Kawasaki FH580V-DS28	 28
Hydraulic Wheel Motor Assembly No. 104-1171	 8	Electric Equipment Assembly Kawasaki FH580V-DS28	 29
Lower Control Assembly	 9	Control Equipment Assembly Kawasaki FH580V-DS28	 30
Hydraulic Hose Assembly	 10	Carburetor Assembly Kawasaki FH580V-DS28	 31
Upper Control Assembly	 11	Air Filter and Muffler Assembly Kawasaki FH580V-DS28	 32
Control Panel Assembly	 12	Fuel Tank and Valve Assembly Kawasaki FH580V-DS28	 33
Battery Assembly	 13	Starter Assembly Kawasaki FH580V-DS28	 34
Parking Brake Assembly	 14	Label Assembly Kawasaki FH580V-DS28	 35
Power-Take-Off Idler and Weight Assembly	 15	Attachments and Accessories List	 36
Carrier Frame Assembly	 16		
Deck Drive and Baffle Assembly	 17		
Deck Assembly No. 112-7083	 18		
Spindle Assembly No. 110-0728	 19		
Spindle Assembly No. 110-0730	 20		
Lever Assembly No. 107-1664	 21		
Deck Assembly	 22		
Deflector Assembly No. 110-0758	 23		

Part Description Abbreviations

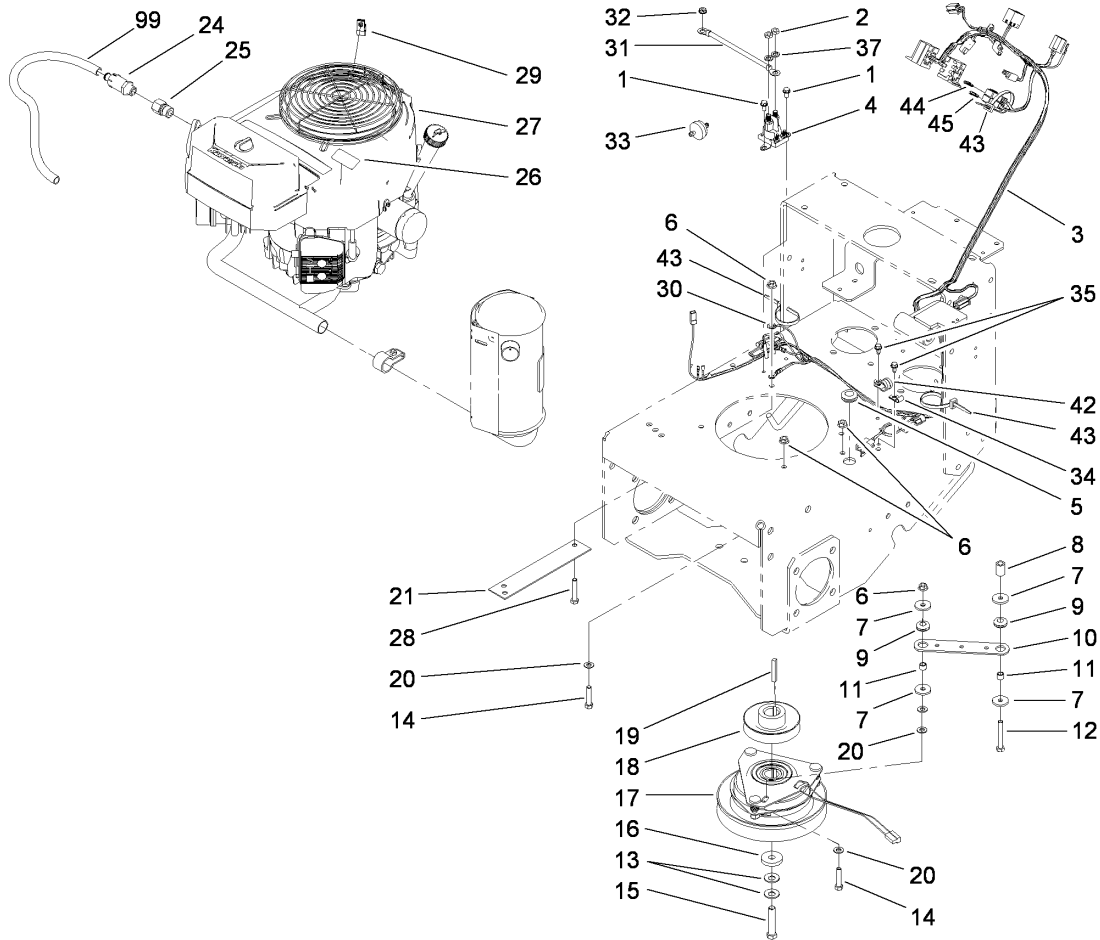
Part descriptions in this catalog may include the following abbreviations.

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 Obtain from your local Kawasaki dealer

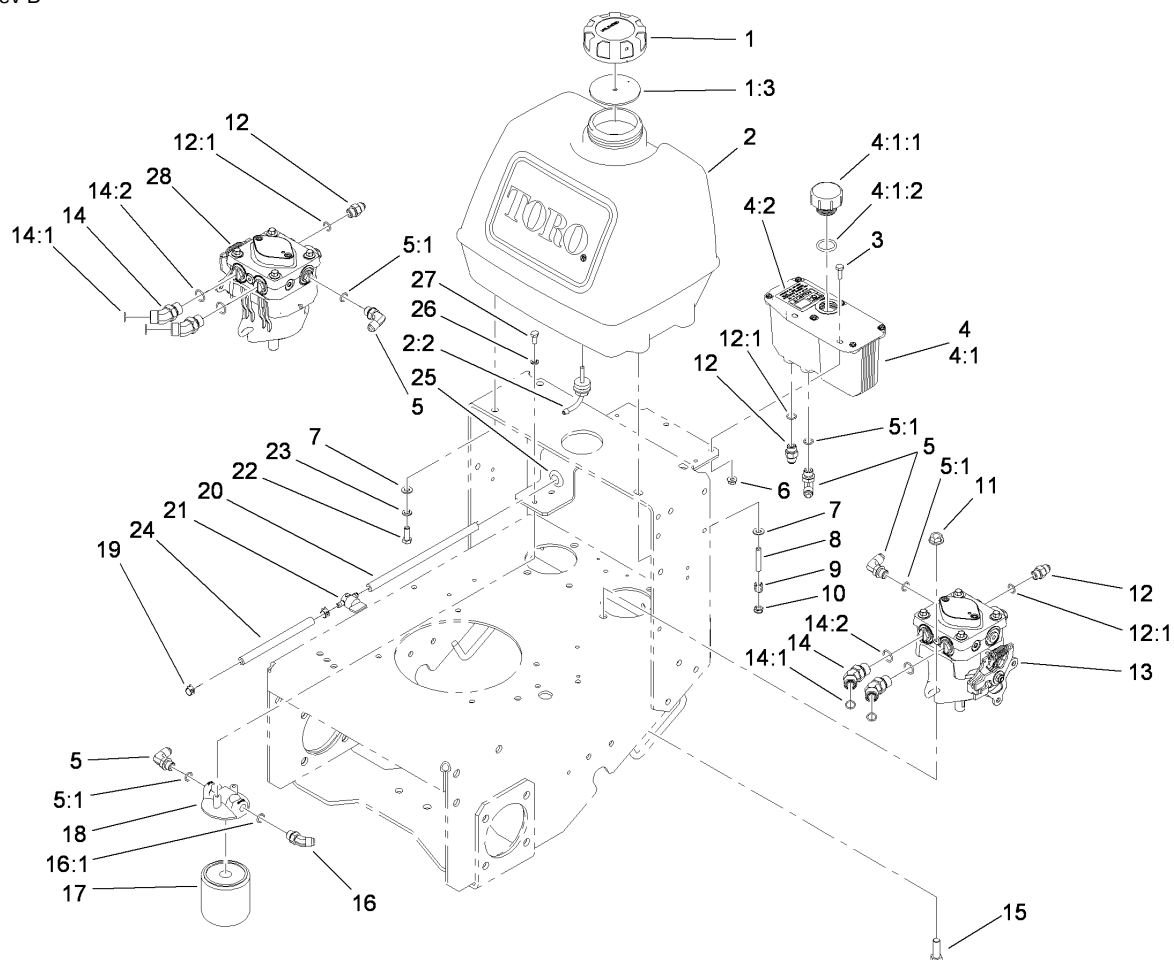
- ❸ Not serviced separately



Engine and Clutch Assembly

Ref	Part No.	Qty.	Description
1	32144-4	2	Screw-HWH
2	3220-2	2	Nut-Jam
3	114-3418	1	Harness-Wire
4	1-513075	1	Switch-Solenoid
5	112-7069	1	Grommet
6	32128-20	6	Nut-HF
7	1-613235	4	Washer
8	104-6373	1	Tube-Retainer
9	1-633630	2	Grommet-Brake
10	1-633543-03	1	Strap-Clutch, Brake
11	1-633545	2	Spacer
12	322-11	1	Screw-HH
13	1-603610	2	Washer-Spring
14	322-7	4	Screw-HH
15	3212-9	1	Screw-HH
16	107-4136	1	Washer
17	105-2635	1	Clutch / Brake
18	44-5940	1	Pulley
19	608006	1	Key-Square
20	3256-23	5	Washer-Flat
21	94-5847-01	1	Cover-Pulley
24	92-6877	1	Valve-Drain, Oil
25	103-1966	1	Adapter
26	106-0699	1	Decal-Warning

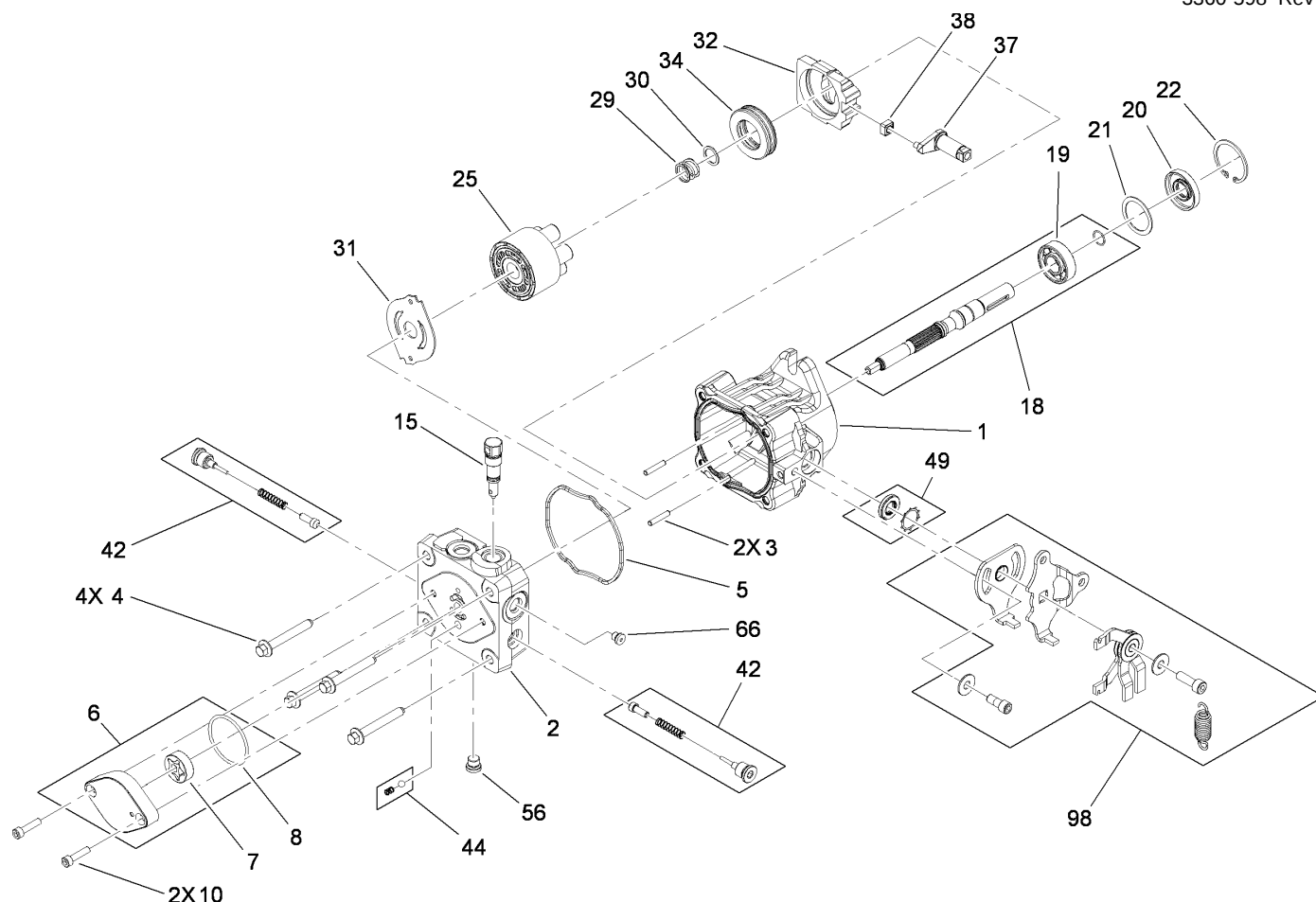
Ref	Part No.	Qty.	Description
27		1	Engine-Kawasaki, FH580V-Ds28
28	322-9	1	Screw-HH
29	2412-87	1	Clamp-Cable
30	3255-8	1	Washer-Lock
31	112-9707	1	Cable-Battery, Pos
32	32149-2	1	Nut-Keps
33	56-6360	1	Filter-Fuel
34	2412-72	1	Clip-Closed, Insulated
35	12-3270	2	Screw
37	3253-4	2	Washer-Lock
42	2412-134	1	R-Clamp
43	3290-378	3	Tie-Cable
44	109102	1	Fuse-25 Amp
45	109103	1	Fuse-30 Amp
99	103-1964	1	Hose-Drain, Oil



Fuel System, Hydraulic Pump and Filter Assembly

Ref	Part No.	Qty.	Description
1	88-3980	1	Gas Cap ASM
1:3	88-4010	1	Gasket-Cap, Gas
2	106-0730	1	Fuel Tank ASM
2:2	103-2605	1	Fitting-Fuel, Bulkhead
3	321-4	2	Screw-HH
4	103-1947	1	HYD Reservoir ASM
4:1		1	Reservoir-HYD
4:1:1	103-1948	1	Cap-Reservoir, HYD
4:1:2	103-1949	1	Gasket-Cap
4:2	1-523552	1	Decal-Tank, HYD
5	353-374	4	Elbow-90 DEG
5:1	237-42	1	O-Ring
6	32128-33	2	Nut-HF
7	3256-23	4	Washer-Flat
8	104-8121	2	Stud-Threaded
9	1-633349	2	Spring-Tank, Fuel
10	3296-47	2	Nut-Lock, NI
11	32128-42	4	Nut-HF
12	353-384	3	Fitting-Straight
12:1	237-42	1	O-Ring
13	115-4480	1	Pump-Hydraulic
14	340-101	4	Fitting-HYD, 45 DEG
14:1	237-30	1	O-Ring
14:2	237-79	1	O-Ring

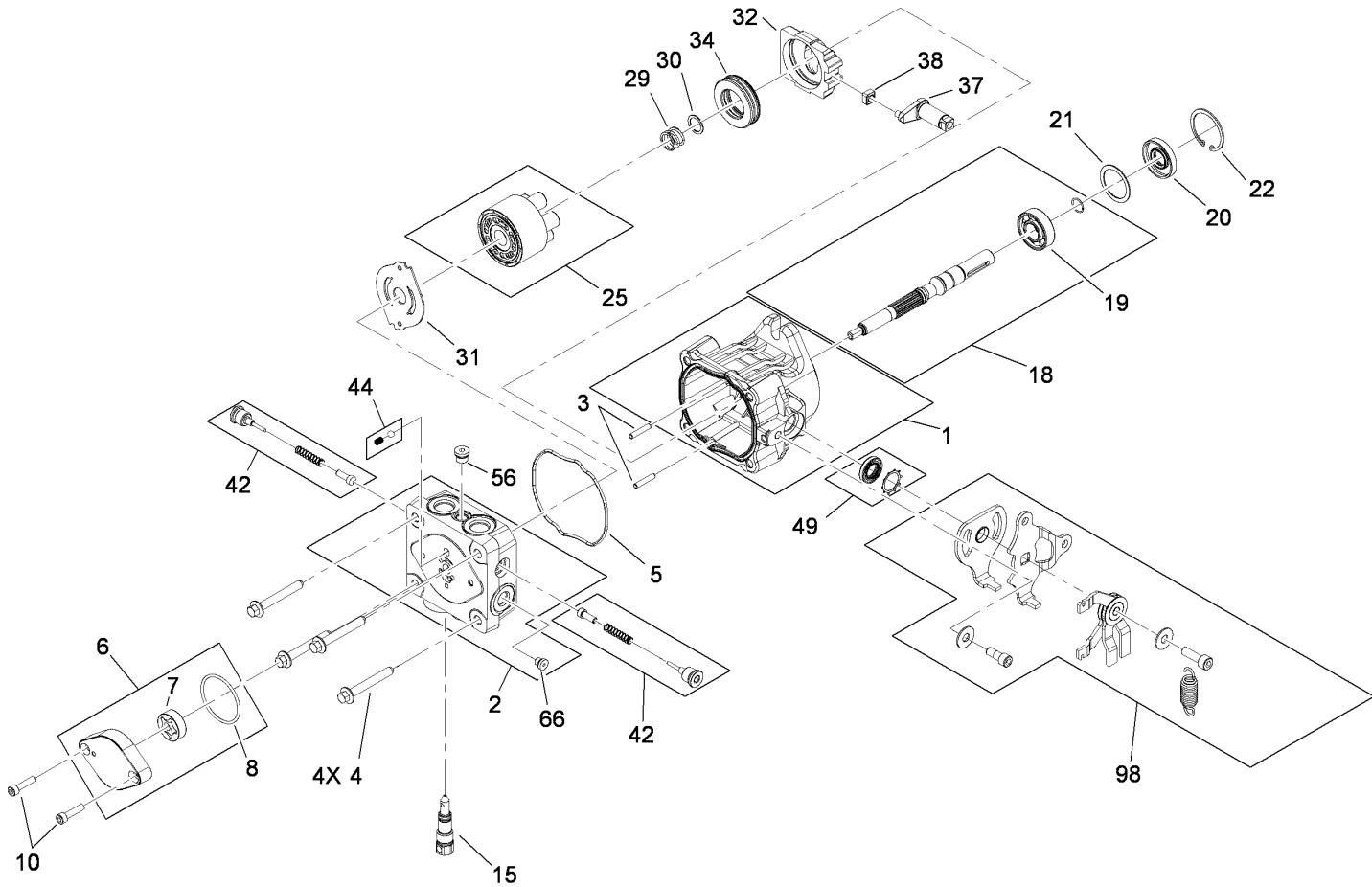
Ref	Part No.	Qty.	Description
15	324-5	4	Screw-HH
16	353-212	1	Fitting-HYD, 45 DEG
16:1	237-42	1	O-Ring
17	1-633750	1	Filter-Oil, HYD
17	1-633752	1	Filter-HYD, Winter
18	104-7836	1	Head-Filter
19	2412-98	4	Clamp
20	110-4894	1	Hose-Fuel
21	1-603770	1	Valve-Fuel
22	322-4	2	Screw-HH
23	3253-4	2	Washer-Lock
24	107-0588	1	Hose-Fuel
25	112-7069	1	Grommet
26	3253-3	2	Washer-Lock
27	321-3	2	Screw-HH
28	115-4481	1	Pump-Hydraulic



Hydraulic Pump Assembly No. 115-4480

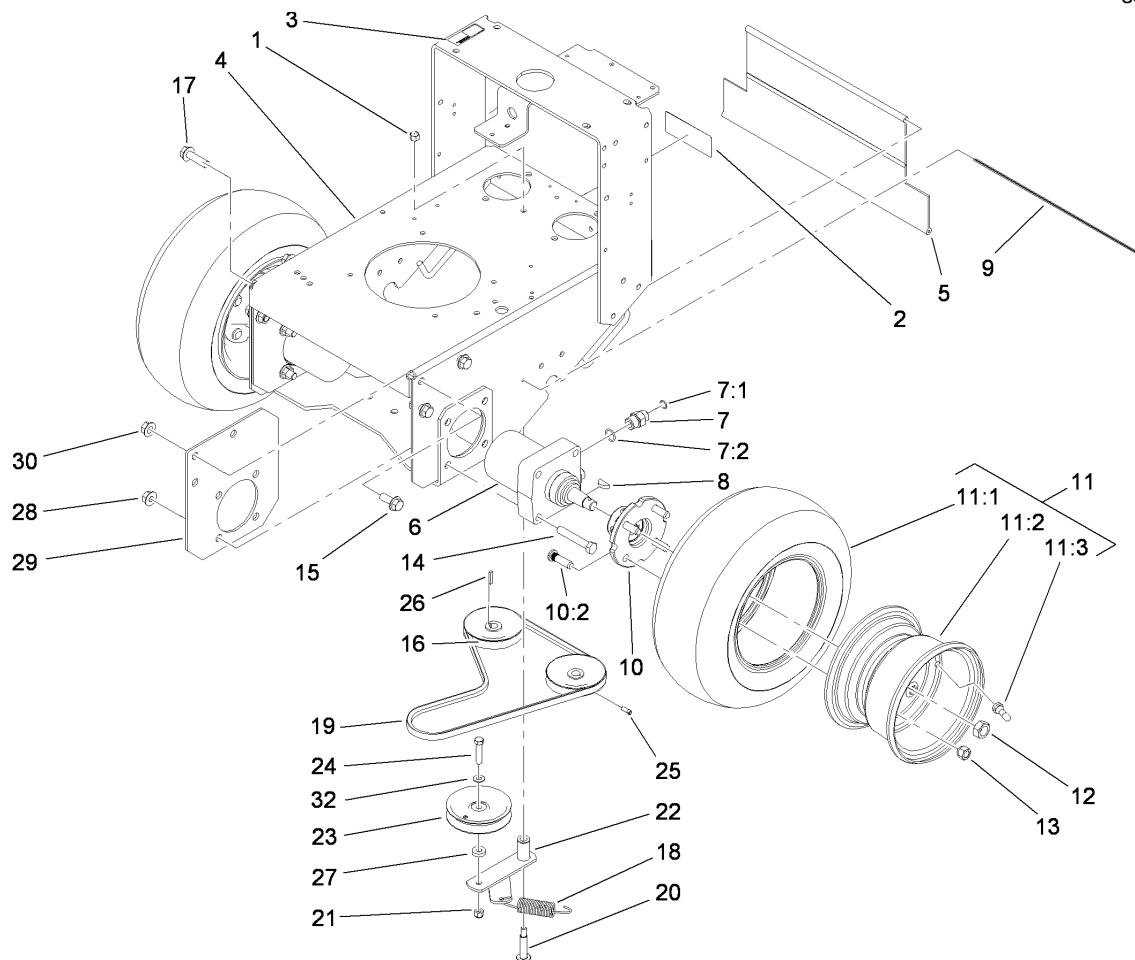
Ref	Part No.	Qty.	Description
1	115-4464	1	Housing-Kit
2	106-8752	1	End Cap Kit (W/Poppets)
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	104-2111	2	Capscrew
15	106-8759	1	Bypass Valve Kit
18	103-2664	1	Input Shaft Kit
19	104-5311	1	Bearing-Ball
20	104-5310	1	Seal-Lip
21	104-5308	1	Spacer
22	104-5309	1	Ring-Retaining
25	103-2666	1	Cylinder Block Kit
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Thrust, Block
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	115-4458	1	Arm-Trunnion, Tapered Square
38	94-1910	1	Guide-Slot
42	98-3252	2	Valve-Check (W/Poppet)

Ref	Part No.	Qty.	Description
44	106-8760	1	Charge Relief Valve Kit
49	114-8155	1	Trunnion Seal Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
98	115-4459	1	Kit-Return
99	105-6184	1	Seal Overhaul Kit



Hydraulic Pump Assembly No. 115-4481

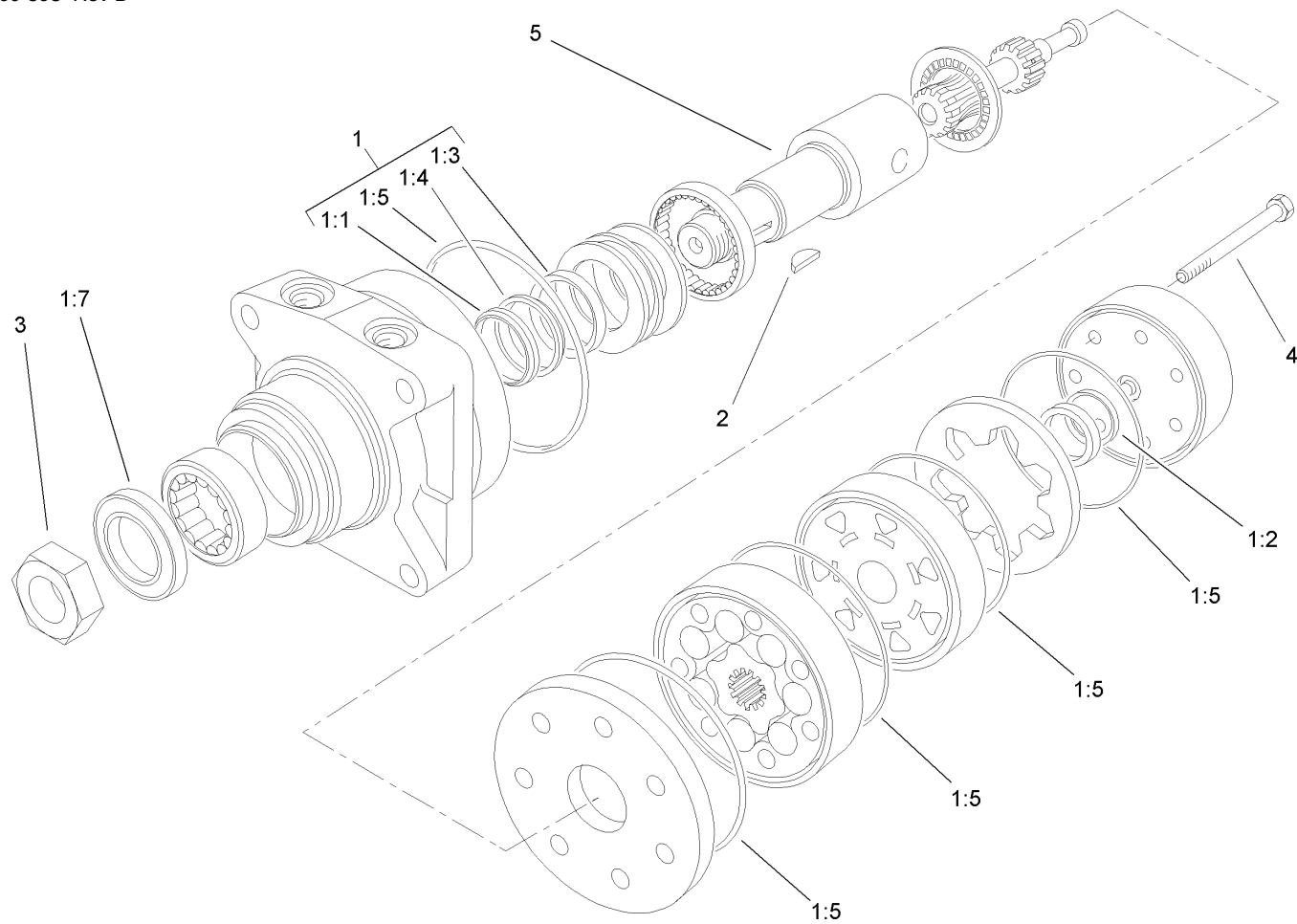
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	115-4464	1	Housing-Kit	44	106-8760	1	Charge Relief Valve Kit
2	106-8752	1	End Cap Kit (W/Poppets)	49	114-8155	1	Trunnion Seal Kit
3	106-8753	2	Pin-Headless, Straight	56	106-8762	1	Plug-HSH
4	106-8754	4	Bolt-HF	66	106-8763	1	Plug-HSH
5	106-8755	1	O-Ring	98	115-4459	1	Kit-Return
6	106-8756	1	Charge Pump Kit	99	105-6184	1	Seal Overhaul Kit
7	104-2122	1	Gerotor ASM				
8	106-8757	1	O-Ring				
10	104-2111	2	Capscrew				
15	106-8759	1	Bypass Valve Kit				
18	103-2664	1	Input Shaft Kit				
19	104-5311	1	Bearing-Ball				
20	104-5310	1	Seal-Lip				
21	104-5308	1	Spacer				
22	104-5309	1	Ring-Retaining				
25	103-2666	1	Cylinder Block Kit				
29	94-1936	1	Spring-Block				
30	94-1937	1	Washer-Thrust, Block				
31	105-6185	1	Plate-Valve				
32	94-1907	1	Swashplate-Variable				
34	94-6922	1	Bearing-Thrust				
37	115-4458	1	Arm-Trunnion, Tapered Square				
38	94-1910	1	Guide-Slot				
42	98-3252	2	Valve-Check (W/Poppet)				



Pump Drive and Wheel Assembly

Ref	Part No.	Qty.	Description
1	3296-6	1	Nut-Lock
2	98-0776	1	Decal-Caution
3	95-2814	1	Decal-Shut Off, Fuel
4	114-0222-01	1	Frame ASM
5	95-1526	1	Shield-Trailing
6	104-1171	2	Motor-Wheel
7	340-6	4	Fitting-HYD, Straight
7:1	237-30	1	O-Ring
7:2	237-80	1	O-Ring
8	3257-8	2	Key-Woodruff
9	95-1529	1	Rod-Shield
10	105-0800	2	Wheel Hub / Stud ASM
10:2	10-6830	4	Stud-Type, Drive
11	104-1198	2	Wheel And Tire ASM
11:1	104-6320	1	Tire
11:2	104-1199	1	Wheel
11:3	232-27	1	Stem-Valve
12	85-7310	2	Nut-Motor, Wheel
13	242-50	8	Nut-Lug
14	325-12	8	Screw-HH
15	3234-32	4	Screw-HHF
16	105-5648	2	Pulley-Pump
17	3234-22	2	Screw-HHF
18	68-9950	1	Spring-Traction

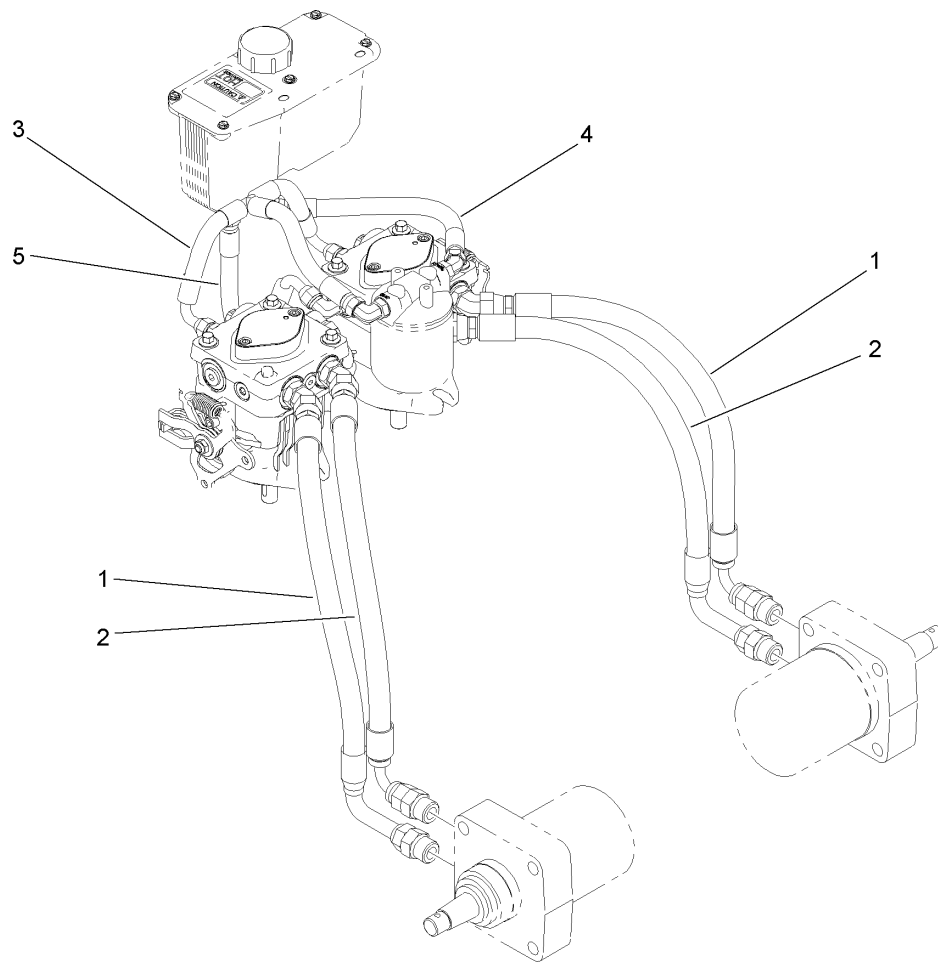
Ref	Part No.	Qty.	Description
19	110-5049	1	Belt-V
20	27-6230	1	Bolt-Wheel
21	3296-39	1	Nut-Lock, NI
22	86-4770	1	Idler Lever ASM
23	93-1622	1	Pulley-Idler
24	323-9	1	Screw-HH
25	3241-5	4	Screw-Set
26	1-807272	2	Key
27	9202204	1	Washer
28	32128-49	8	Nut-HHF
29	108-6657-01	2	Plate-Frame
30	32128-23	6	Nut-HF
32	3256-24	1	Washer-Flat



Hydraulic Wheel Motor Assembly No. 104-1171

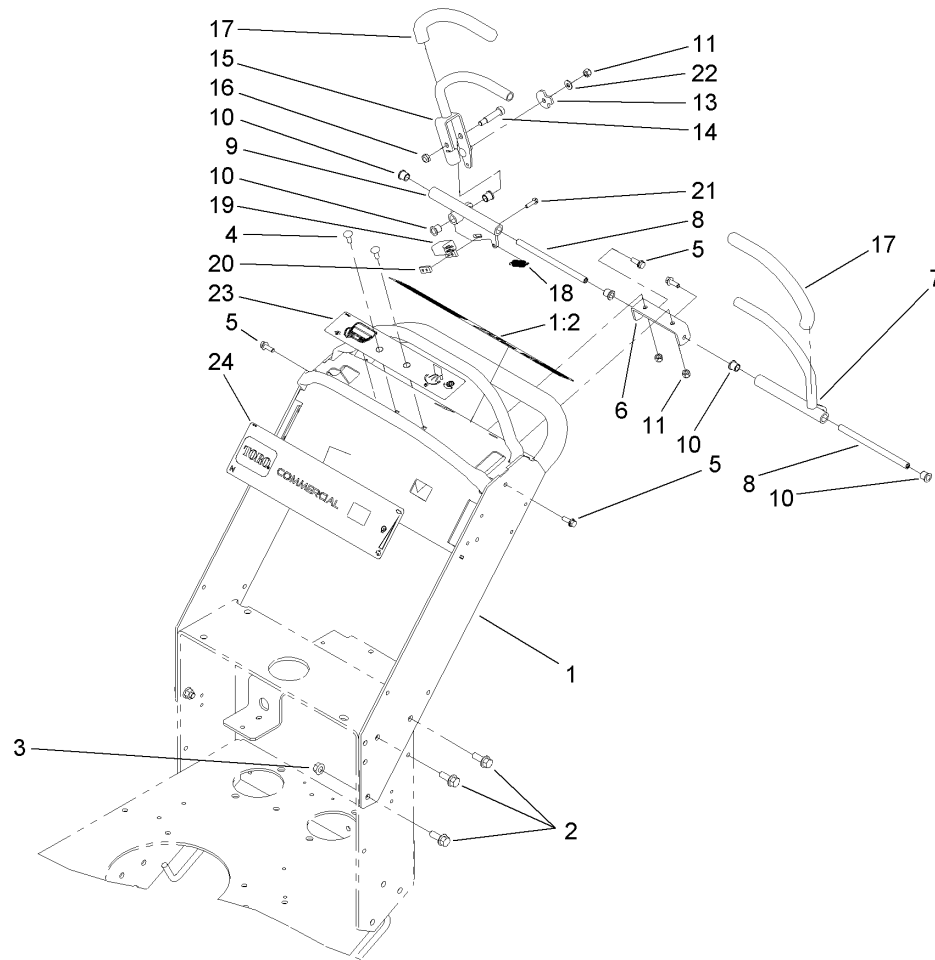
Ref	Part No.	Qty.	Description				
1	1-000119	1	Seal Kit				
②1:1		1	Ring-Back Up				
②1:2		1	Seal-Commutator				
②1:3		1	Seal-Shaft (Viton)				
②1:4		1	Washer-Back Up, Steel				
②1:5		5	Ring-Seal (Viton)				
②1:7		1	Seal-Dirt And Water				
2	3257-8	1	Key-Woodruff				
3	85-7310	1	Nut-Motor, Wheel				
4	106-5549	6	Bolt-Special				
5	106-8764	1	Shaft-Coupling				

9



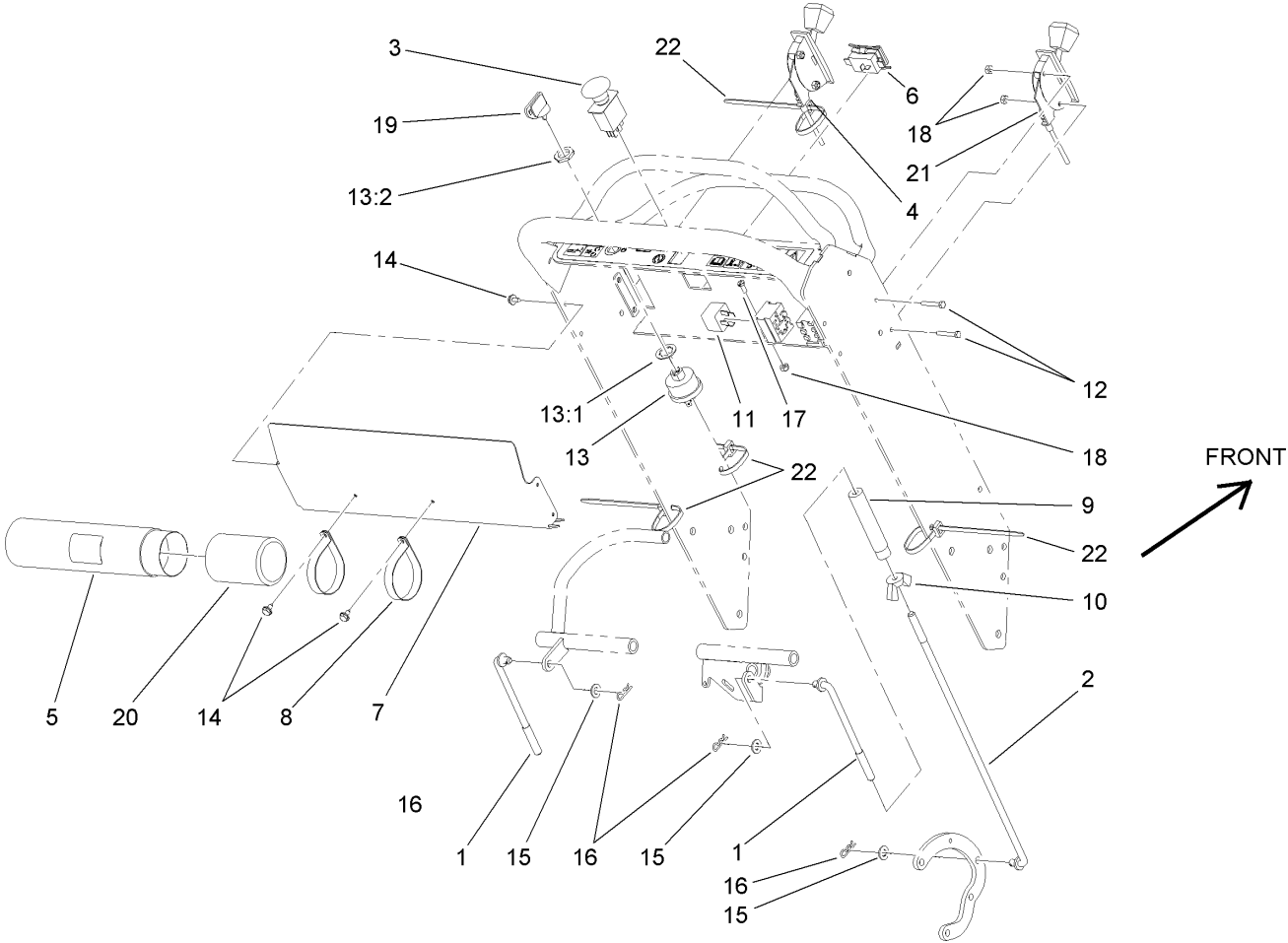
Hydraulic Hose Assembly

Ref	Part No.	Qty.	Description
1	112-9704	2	HYD Hose ASM
2	114-3430	2	HYD Hose ASM
3	105-5697	1	HYD Hose ASM
4	105-5699	1	HYD Hose ASM
5	114-3434	1	HYD Hose ASM



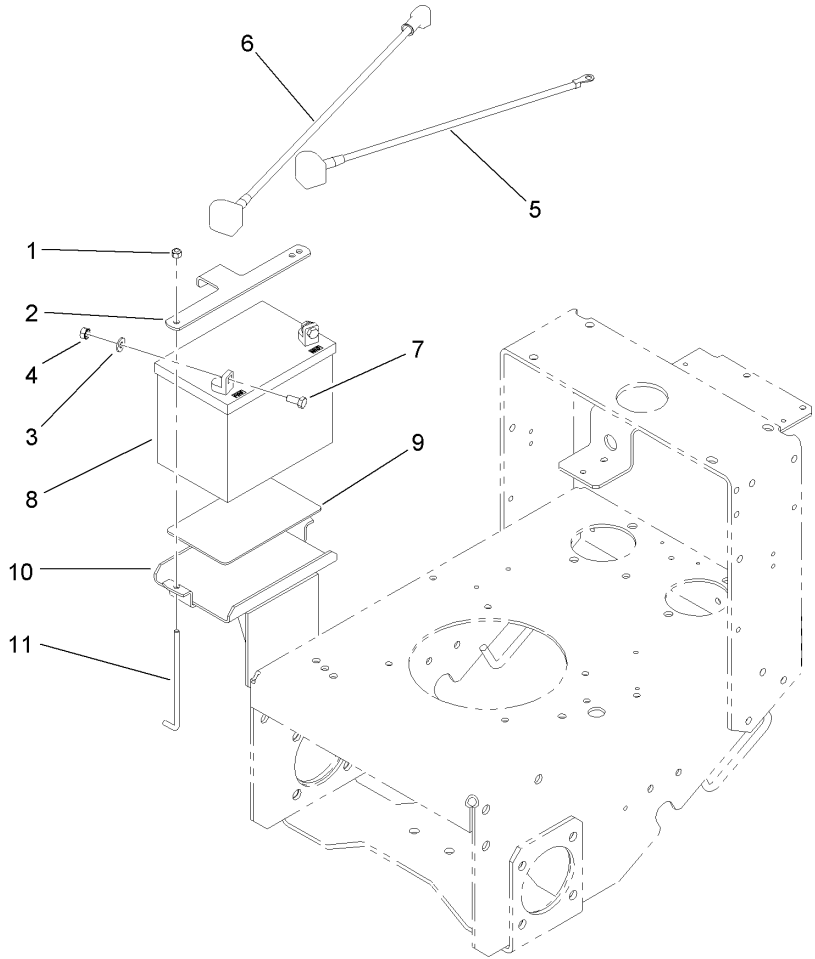
Upper Control Assembly

Ref	Part No.	Qty.	Description				
1	114-3435	1	Handle ASM				
1:2	114-3425	1	Decal-Warning, Control, Es				
2	3234-42	6	Screw-HHF				
3	32128-43	6	Nut-Flange				
4	3229-1	2	Screw-CARR				
5	3234-4	4	Screw-HHF				
6	114-0235	1	Bracket-Support				
7	114-0272	1	Control Lever ASM				
8	114-0260	2	Shaft-Pivot				
9	114-0234	1	Motion Control ASM				
10	103-9928	6	Bearing				
11	3296-42	3	Nut-Lock, NI				
13	114-0268	1	Cam-Lever, Handle Stop				
14	114-0239	1	Screw-HSH				
15	114-0238	1	Lever ASM				
16	3296-47	1	Nut-Lock, NI				
17	114-0241	2	Grip-Lever				
18	114-0249	1	Spring-Extension				
19	1-513152	1	Switch-Closed, Normally				
20	1-633181	1	Plate-Tapped				
21	32105-13	2	Screw-HWH				
22	3256-22	1	Washer-Flat				
23	114-3424	1	Decal-Control				
24	114-3423	1	Decal-Panel, Control				



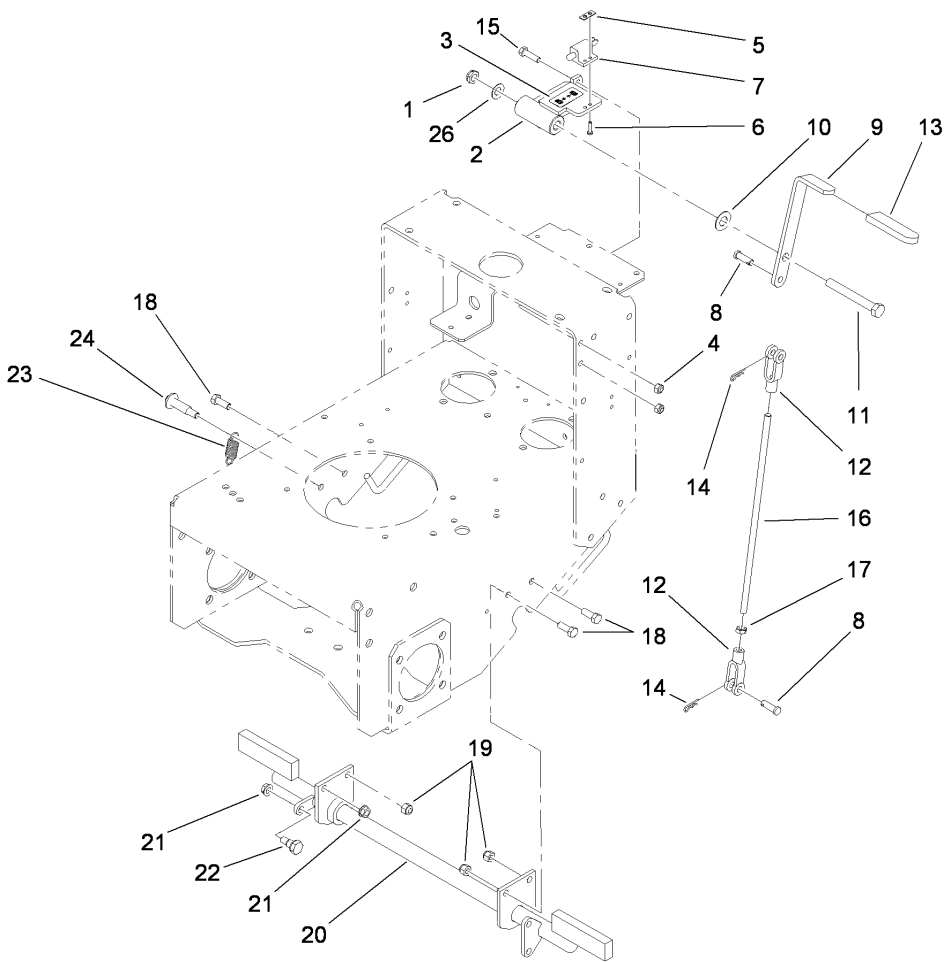
Control Panel Assembly

Ref	Part No.	Qty.	Description				
1	114-0275	2	Rod-Control, Upper				
2	114-0276	2	Rod-Control, Lower				
3	114-0279	1	Switch-PTO				
4	110-4994	1	Cable-Throttle				
5	104-7050	1	Housing-Manual				
6	104-8143	1	Hourmeter				
7	114-0270-03	1	Cover-Panel, Control				
8	2412-120	2	R-Clamp				
9	95-1504	2	Turnbuckle				
10	32103-3	2	Nut-Wing				
11	98-7249	2	Relay				
12	3290-360	4	Screw-HH				
13	88-9830	1	Key Switch ASM				
13:1	3254-5	1	Washer-Tooth				
13:2	218-461	1	Nut-HH				
14	32104-76	6	Screw				
15	3256-23	4	Washer-Flat				
16	3290-307	4	Pin-Hair				
17	32105-8	2	Screw-SHH				
18	3296-2	6	Nut-Lock				
19	63-8360	1	Key-Ignition				
20	104-7048	1	Cap-Housing				
21	110-4995	1	Cable-Choke				
22	3290-378	4	Tie-Cable				



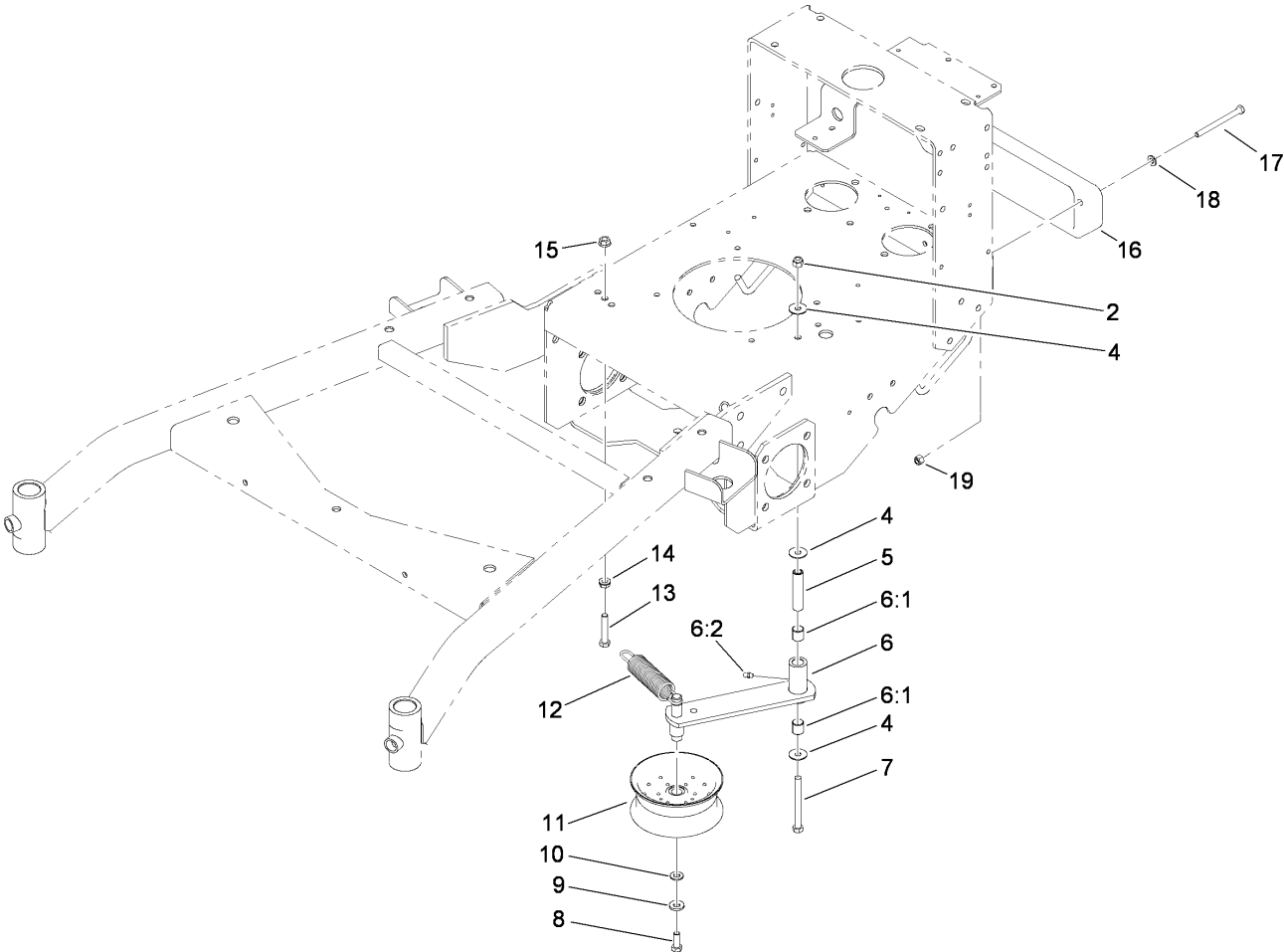
Battery Assembly

Ref	Part No.	Qty.	Description				
1	3296-42	2	Nut-Lock, NI				
2	104-8568-03	1	Plate-Hold Down, Battery				
3	3256-2	2	Washer-Flat				
4	32149-1	2	Nut-Keps				
5	112-9709	1	Cable-Battery, Black				
6	112-9708	1	Cable-Battery, Red				
7	322-3	2	Screw-HH				
8	104-8162	1	Battery				
9	62-4300	1	Pad-Skid, Anti				
10	105-3150-01	1	Battery Tray ASM				
11	104-8567	2	Holdown-Battery				



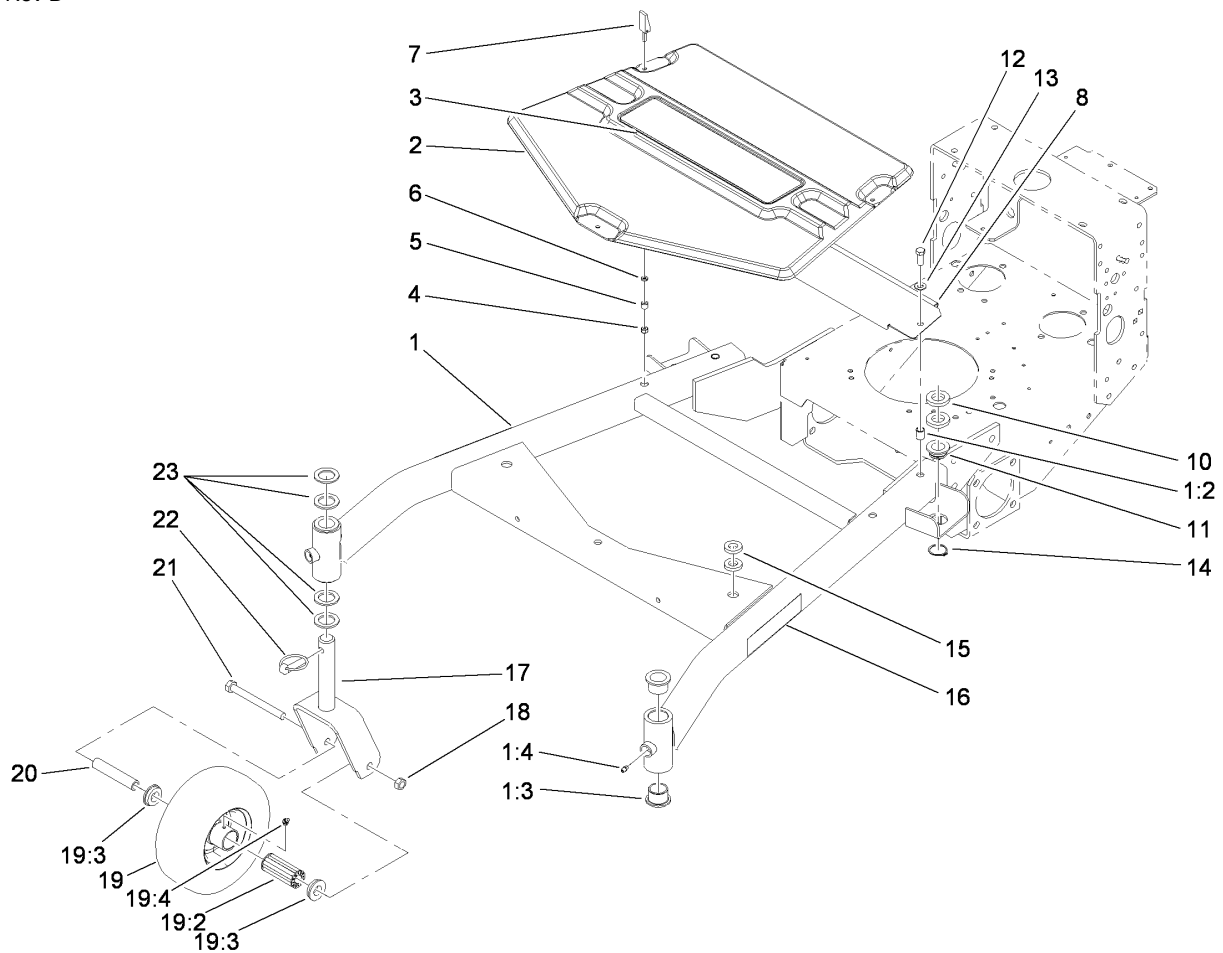
Parking Brake Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-45	1	Nut-Lock, NI	26	112-9972	1	Washer-Conical, Spring
2	112-8716-01	1	Support-Handle				
3	112-8720	1	Decal-Brake				
4	3296-29	2	Nut-Lock, NI				
5	1-633181	1	Plate-Tapped				
6	32105-13	2	Screw-HWH				
7	1-513152	1	Switch-Closed, Normally				
8	1-808285	2	Pin-Clevis				
9	106-0671-01	1	Handle-Brake				
10	257-7	1	Bearing-Thrust				
11	325-17	1	Screw-HH				
12	1-633131	2	Yoke-Linkage, Brake				
13	1-303020	1	Grip-Lever				
14	3290-307	2	Pin-Hair				
15	322-6	2	Screw-HH				
16	108-2747	1	Rod-Brake				
17	3220-3	1	Nut-HJ				
18	323-6	3	Screw-HH				
19	3296-39	3	Nut-Lock, NI				
20	110-4976-01	1	Parking Brake ASM				
21	3290-357	2	Nut-HHF, Whiz				
22	27-5240	1	Bolt-Shoulder				
23	613386	1	Spring-Brake				
24	56-6590	1	Bolt-Wheel				



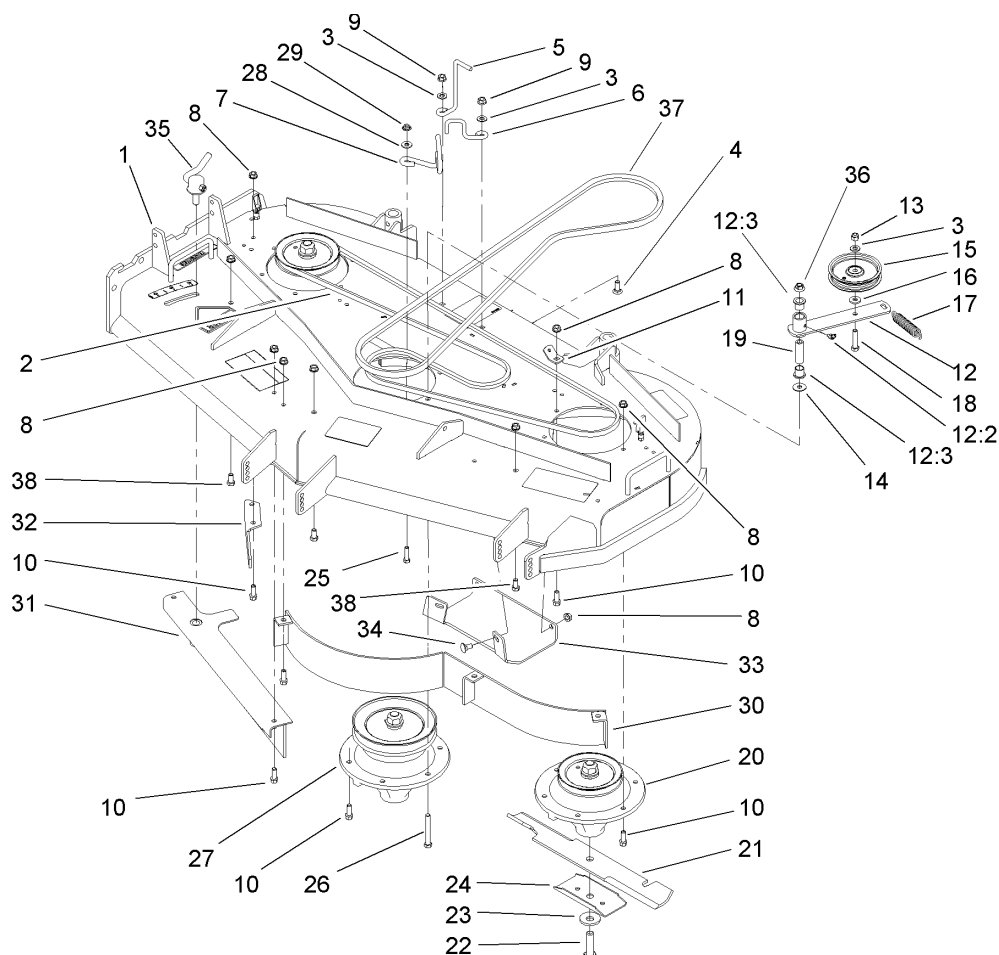
Power-Take-Off Idler and Weight Assembly

Ref	Part No.	Qty.	Description				
2	3296-39	1	Nut-Lock, NI				
4	52-2860	3	Washer				
5	104-6377	1	Tube-Idler				
6	108-2734	1	Idler Arm ASM				
6:1	1-513034	2	Sleeve-Bearing				
6:2	302-5	1	Fitting-Grease				
7	323-42	1	Screw-HH				
8	323-6	1	Screw-HH				
9	98-5975	1	Washer-Belleville				
10	3256-24	1	Washer-Flat				
11	1-413099	1	Pulley-Idler				
12	105-8443	1	Spring-Extension				
13	323-10	1	Screw-HH				
14	3290-357	1	Nut-HHF, Whiz				
15	32128-21	1	Nut-HF				
16	112-7059-01	1	Weight-Cast				
17	322-9	2	Screw-HH				
18	3256-23	2	Washer-Flat				
19	3296-29	2	Nut-Lock, NI				



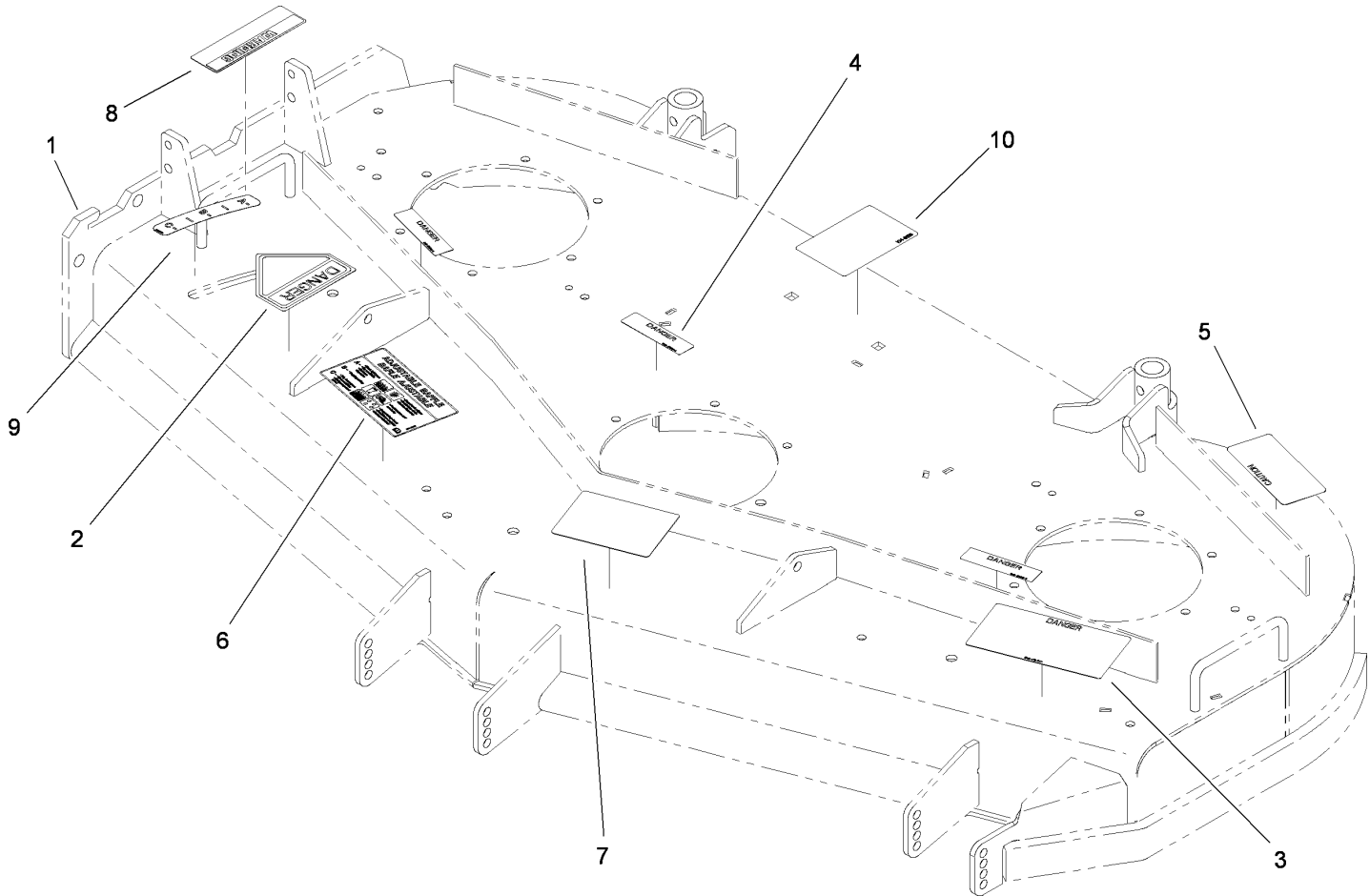
Carrier Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-2665	1	Carrier Frame ASM	20	100-6453	2	Bushing-Spanner
1:2	32148-9	2	Insert-Nut	21	325-19	2	Screw-HH
1:3	94-1291	4	Bushing	22	283-71	2	Pin-Lynch
1:4	302-5	2	Fitting-Grease	23	3-6781	8	Washer-Thrust
2	108-6625	1	Cover-Frame, Carrier				
3	112-9713	1	Decal				
4	1-804254	3	Nut				
5	106-6778	3	Bushing-Latch, Swell				
6	99-3058	3	Washer				
7	106-6777	3	Handle-Latch, Swell				
8	112-7051-01	1	Shield-Belt				
10	104-1105	4	Spacer-Support, Deck				
11	1-513336	2	Bushing-Deck				
12	323-6	2	Screw-HH				
13	3256-24	2	Washer-Flat				
14	32120-33	2	Ring-Retaining				
15	1-323539	4	Spacer				
16	106-0635	2	Decal-HOC				
17	105-3159-01	2	Castor Fork ASM				
18	32153-5	2	Nut-Lock, Side				
19	110-5024	2	Wheel And Tire ASM				
19:2	112-7066	1	Bearing-Roller				
19:3	1-513810	2	Bushing				
19:4	302-61	1	Zerk				



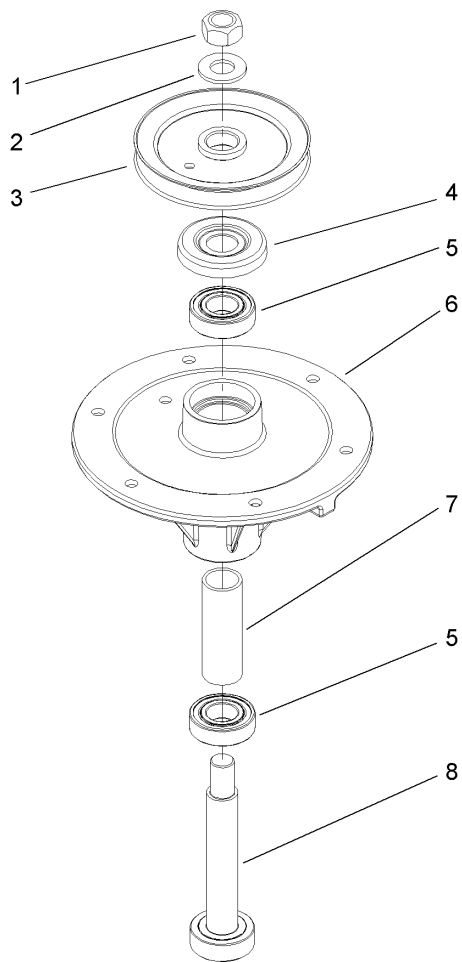
Deck Drive and Baffle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	112-7083	1	Deck ASM	23	103-0865	3	Washer-Blade Bolt, Heavy
2	108-2694	1	Belt-V	24	108-2727	3	Stiffener-Blade
3	3256-24	3	Washer-Flat	25	322-6	1	Screw-HH
4	3231-22	2	Screw-CARR	26	323-14	1	Screw-HH
5	98-5980	1	Guide-Belt	27	110-0730	1	Spindle ASM
6	110-6975	1	Guide-Belt	28	3256-3	1	Washer-Flat
7	105-0850	1	Guide-Belt	29	32128-13	1	Nut-HF
8	3290-357	29	Nut-HHF, Whiz	30	110-0740-03	1	Baffle ASM
9	32128-21	2	Nut-HF	31	110-0745-03	1	Adjustable Baffle ASM
10	92-1624	22	Screw	32	110-0754-01	1	Baffle-Discharge
11	104-6374	1	Plate-Spring	33	106-7358-01	1	Plate-Skid
12	108-2728	1	Idler Arm ASM	34	3231-1	4	Screw-CARR
12:2	302-11	1	Fitting-Lube, 45 DEG	35	107-1664	1	Lever ASM
12:3	256-90	2	Bushing-Flange	36	32128-19	1	Nut-HF
13	3296-39	1	Nut-Lock, NI	37	108-2693	1	Belt-V
14	52-2860	1	Washer	38	323-4	3	Screw-HH
15	93-1622	1	Pulley-Idler				
16	9202414	1	Washer-Spacer				
17	51-3650	1	Spring-Extension				
18	323-9	1	Screw-HH				
19	112-7091	1	Spacer				
20	110-0728	2	Spindle ASM				
21	105-7781-03	3	Blade-18 Inch (Hi Flow)				
22	51-4060	3	Screw-Blade				



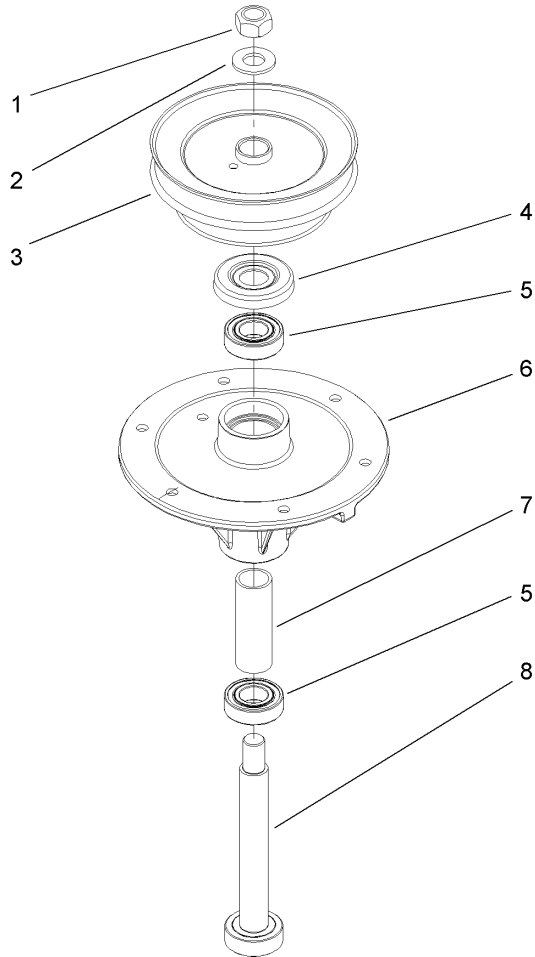
Deck Assembly No. 112-7083

Ref	Part No.	Qty.	Description				
1		1	52 Inch Deck ASM				
2	43-8480	1	Decal-Danger				
3	66-1340	1	Decal-Danger				
4	98-5954	3	Decal-Cover, Missing				
5	68-8340	1	Decal-Torque				
6	110-2068	1	Decal-Adjustment, Baffle				
7	105-7798	1	Decal-Scalp, Anti				
8	104-8569	1	Decal-Warning				
9	110-2067	1	Decal-Setting, Baffle				
10	104-8186	1	Decal-Routing, Belt				



Spindle Assembly No. 110-0728

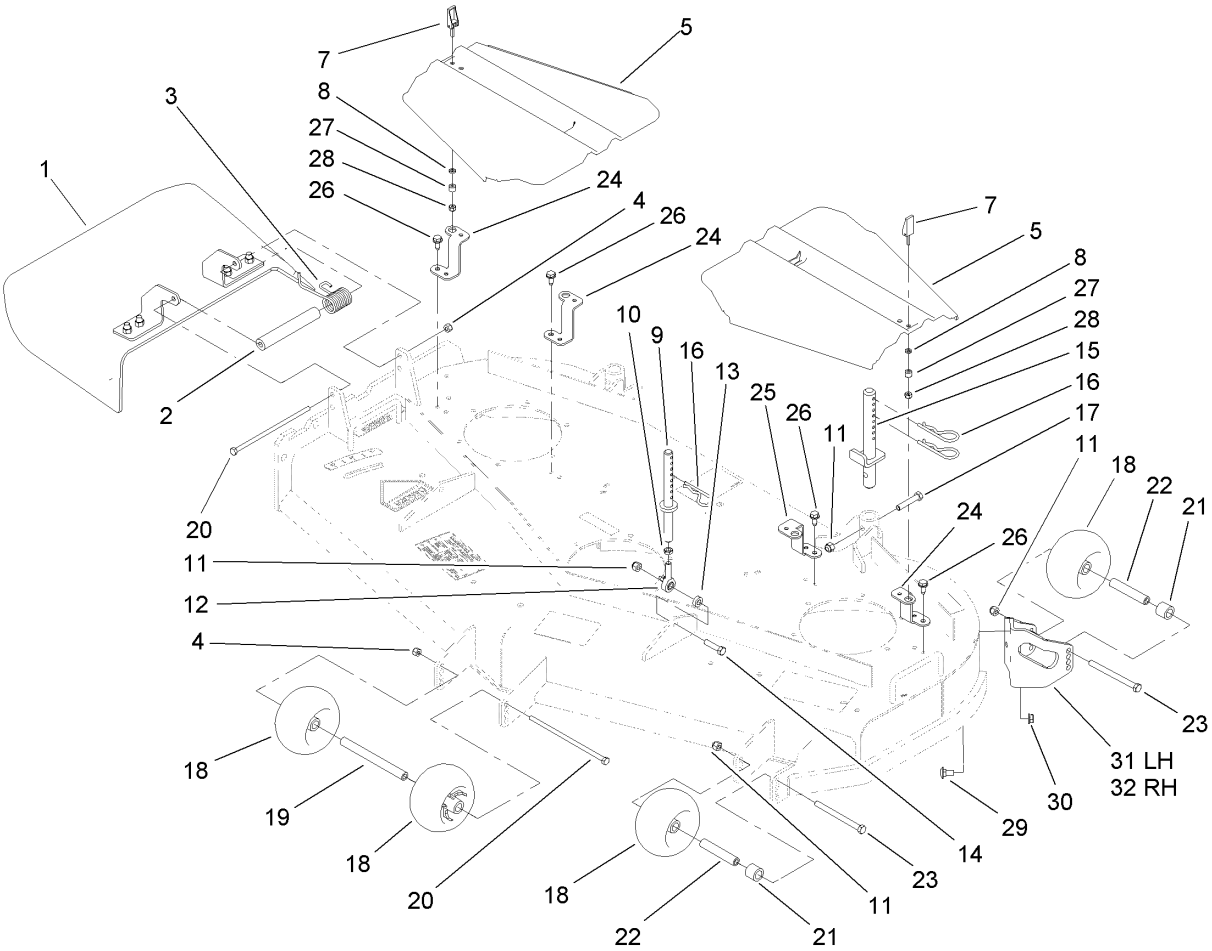
Ref	Part No.	Qty.	Description				
1	3219-7	1	Nut-Hex				
2	7-4150	1	Washer				
3	104-1181	1	Pulley ASM				
4	106-0873	1	Shield-Bearing				
5	104-6325	2	Bearing				
6	108-6696	1	Housing-Spindle				
7	110-0727	1	Spacer-Bearing				
8	110-0726	1	Shaft-Spindle				



Spindle Assembly No. 110-0730

Ref	Part No.	Qty.	Description				
1	3219-7	1	Nut-Hex				
2	7-4150	1	Washer				
3	108-6627	1	Pulley And Hub ASM				
4	106-0873	1	Shield-Bearing				
5	104-6325	2	Bearing				
6	108-6696	1	Housing-Spindle				
7	110-0727	1	Spacer-Bearing				
8	110-0725	1	Shaft-Spindle				

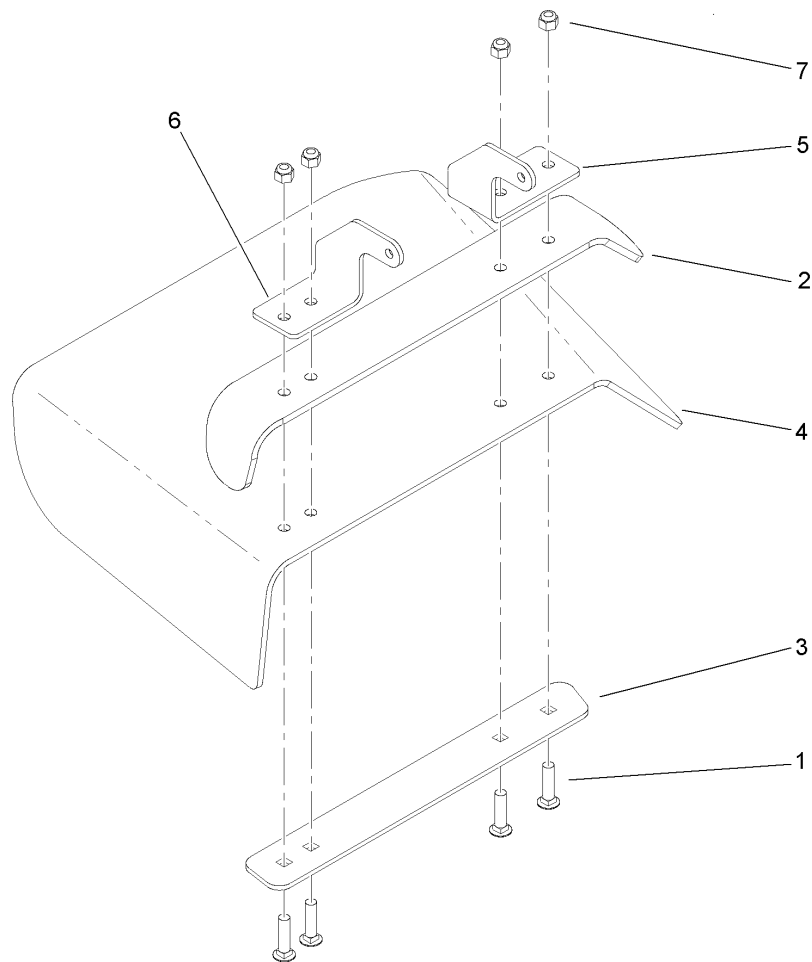
21



Deck Assembly

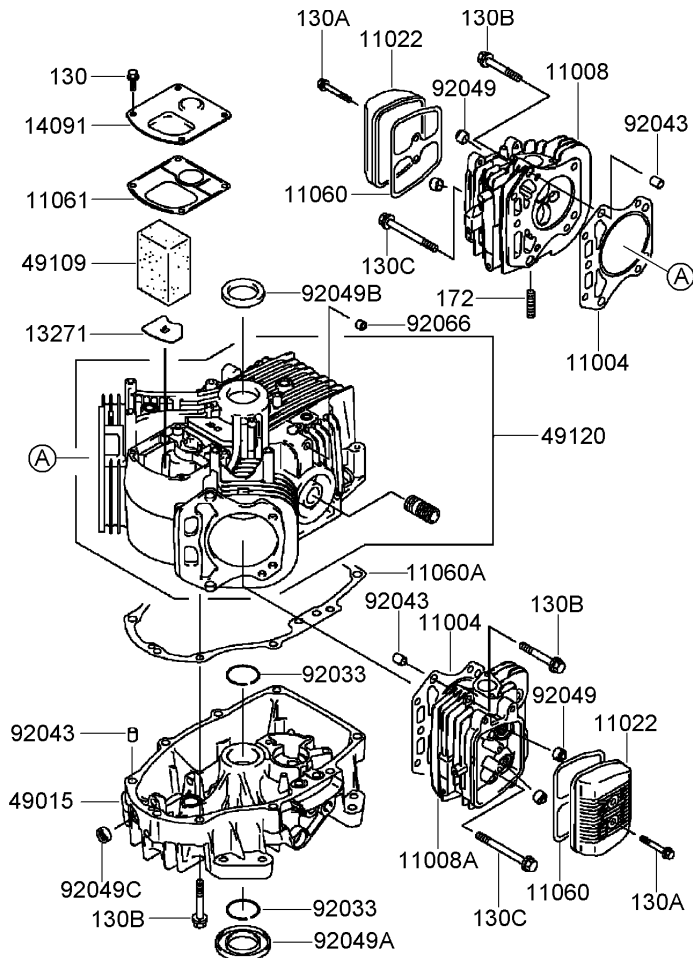
Ref	Part No.	Qty.	Description
1	110-0758	1	Deflector ASM
2	105-4622	1	Spacer
3	104-8554	1	Spring-Torsion
4	3296-29	2	Nut-Lock, NI
5	107-8536	2	Cover-Belt
7	106-6777	2	Handle-Latch, Swell
8	99-3058	2	Washer
9	108-2674	2	Front Pin ASM
10	3220-3	2	Nut-HJ
11	3296-39	7	Nut-Lock, NI
12	1-613204	2	Balljoint
13	104-1156	2	Spacer
14	323-8	2	Screw-HH
15	110-2086	2	Rear Pin ASM
16	3290-256	6	Pin-Hair
17	323-10	2	Screw-HH
18	1-603299	5	Roller-Scalp, Anti
19	98-5967	1	Spacer-Wheel
20	322-50	2	Screw-HH
21	98-7913	3	Tube-Spacer
22	98-7912	3	Tube-Spanner
23	323-23	3	Screw-HH
24	108-2698-01	3	Bracket-Cover
25	108-2699-01	1	Bracket-Cover

Ref	Part No.	Qty.	Description
26	32144-70	4	Screw-HWHTF
27	106-6778	2	Bushing-Latch, Swell
28	1-804254	2	Nut
29	3231-1	6	Screw-CARR
30	32128-21	6	Nut-HF
31	110-0736-01	1	Bracket-Roller, LH
32	110-0737-01	1	Bracket-Roller, RH



Deflector Assembly No. 110-0758

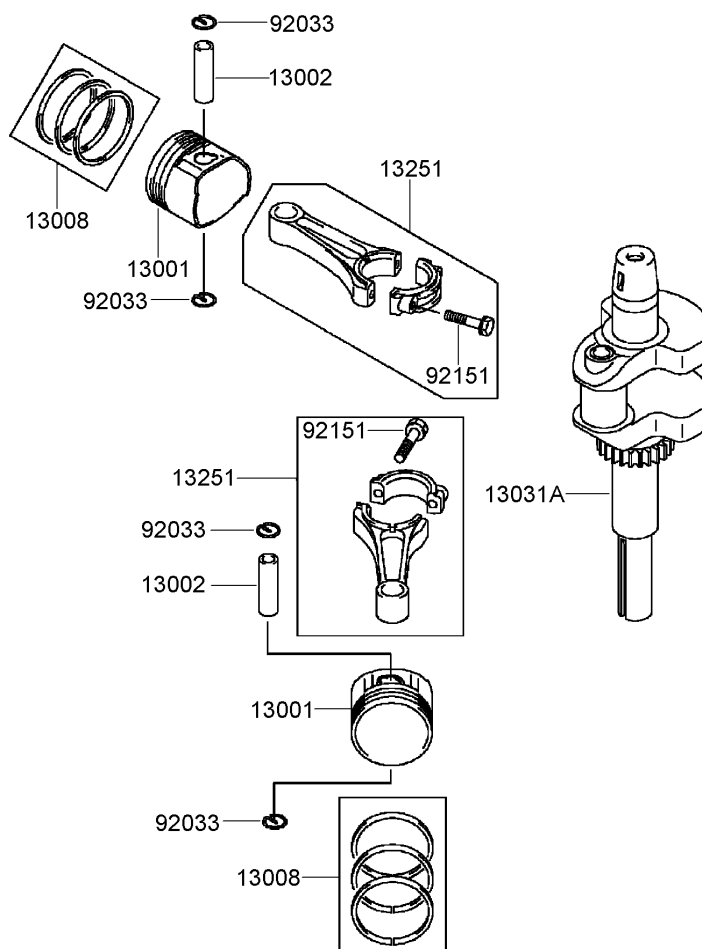
Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	110-0759	1	Deflector-Rubber				
5	107-4197-01	1	Bracket-Hinge, Rear				
6	107-4196-01	1	Bracket-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



Cylinder and Crankcase Assembly

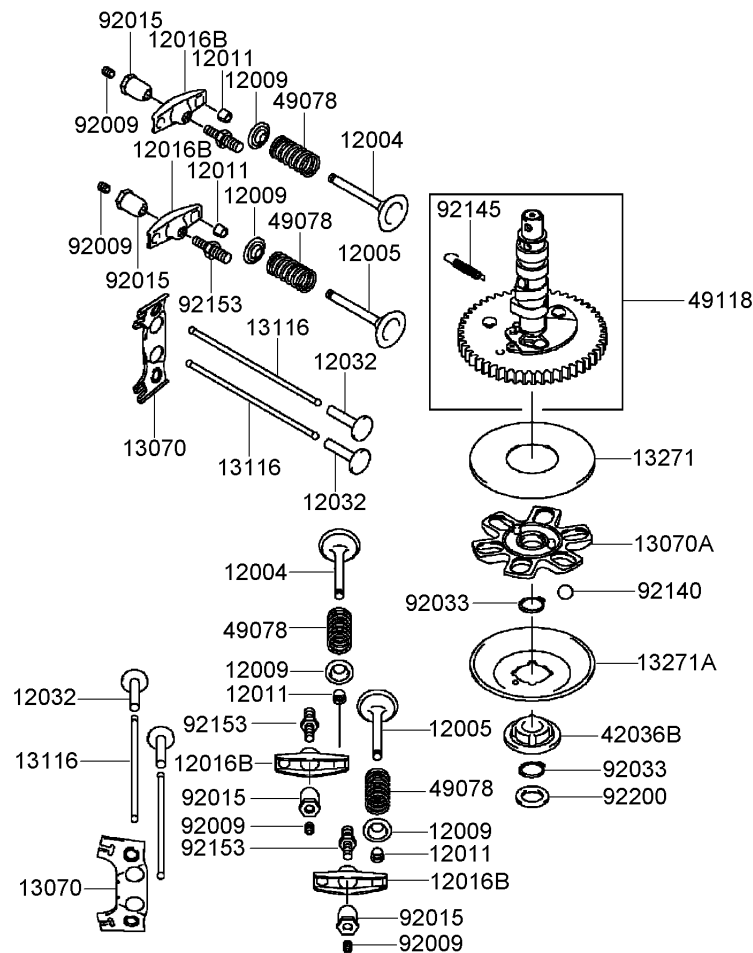
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
❶11004	11004-7016	2	Gasket-Head				
❶11008	11008-6043	1	Head-Cylinder, No. 1				
❶11008A	11008-7020	1	Head-Cylinder, No. 2				
❶11022	11022-7003	2	Case-Rocker				
❶11060	11060-7001	2	Gasket-Case, Rocker				
❶11060A	11060-7008	1	Gasket-Cover, Crankcase				
❶11061	11061-7001	1	Gasket-Breather				
❶13271	13271-7016	1	Plate				
❶14091	14091-7006	1	Cover				
❶49015	49015-6253	1	Cover-Crankcase				
❶49109	49109-7002	1	Element-Breather				
❶49120	49120-7023	1	Crankcase				
❶92033	92033-7003	2	Ring-Snap				
❶92043	92043-7001	6	Pin				
❶92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)				
❶92049A	92049-7015	1	Seal-Oil, S D (35X62X8 L HSH)				
❶92049B	92049-7016	1	Seal-Oil, S D (35X48X8 R HSH)				
❶92049C	92049-7019	1	Seal-Oil, S O (8X14X5 HSH)				
❶92066	92066-7002	1	Plug				
❶130	130B0612	4	Bolt-Flanged (6X12)				
❶130A	130B0640	4	Bolt-Flanged (6X40)				
❶130B	130T0850	17	Bolt-Flanged (8X50)				
❶130C	130T0875	2	Bolt-Flanged (8X75)				
❶172	172G0818	4	Bolt-Stud (8X18)				



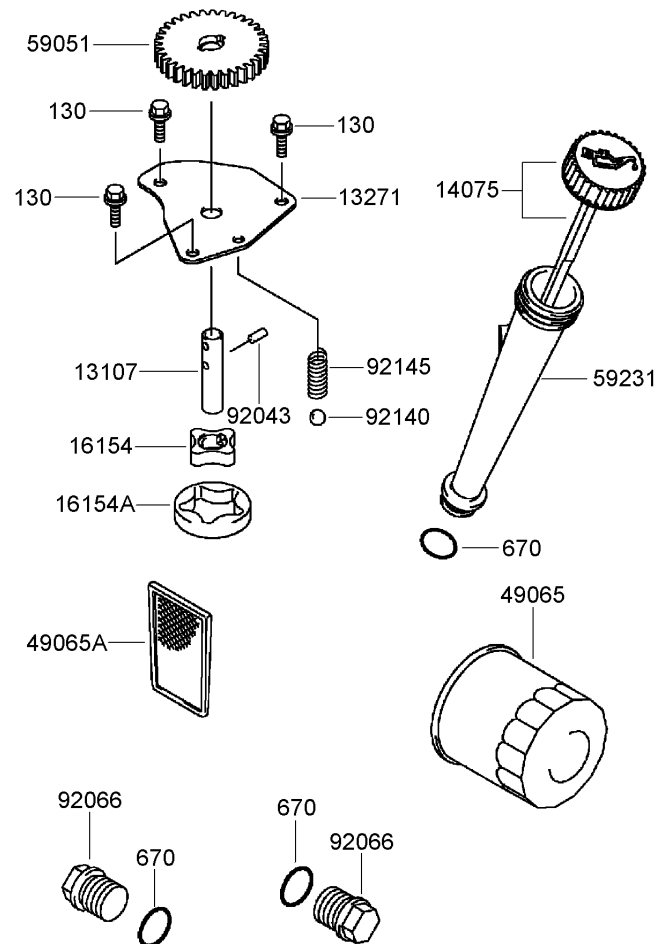
Piston and Crankshaft Assembly Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
③13001	13001-7010	2	Piston-Engine				
③13002	13002-7001	2	Pin-Piston				
③13008	13008-6060	2	Ring Set-Piston				
③13031A	13031-7073	1	Crankshaft				
③13251	13251-7010	2	Connecting Rod ASM				
③92033	92033-7005	4	Ring-Snap				
③92151	92151-7017	4	Bolt (6X35)				



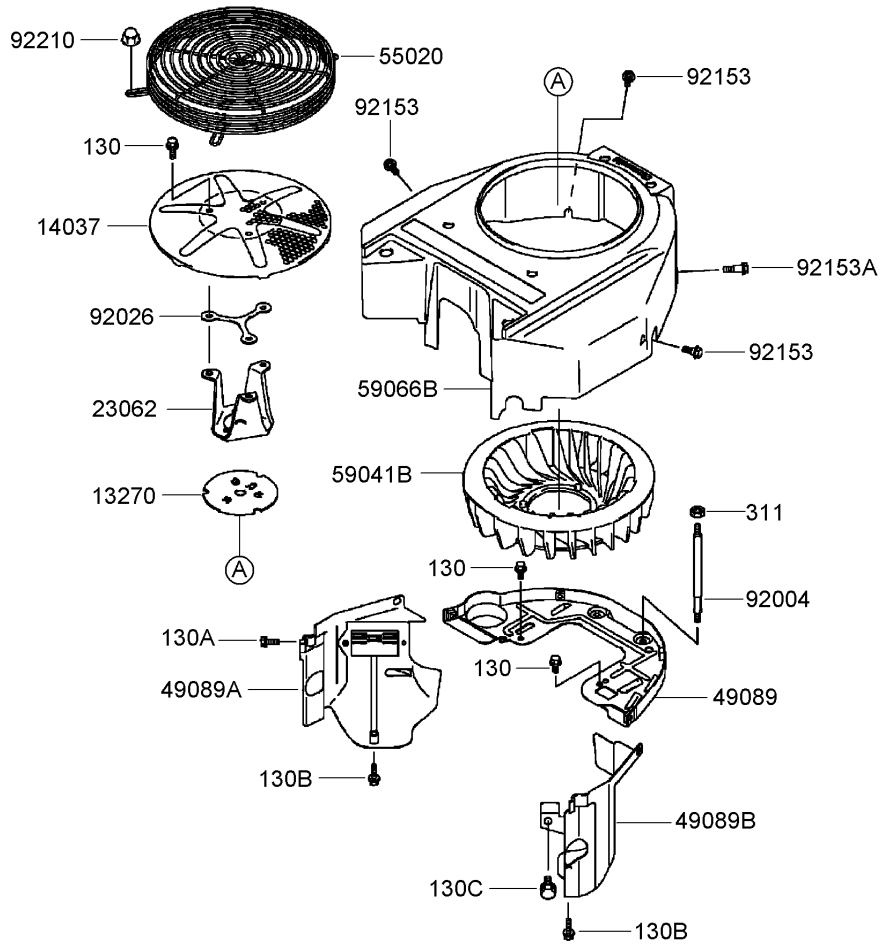
Valve and Camshaft Assembly
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
❶12004	12004-7003	2	Valve-Intake				
❶12005	12005-7003	2	Valve-Exhaust				
❶12009	12009-7001	4	Retainer-Spring, Valve				
❶12011	12011-2056	8	Collet				
❶12016B	12016-7008	4	Arm-Rocker				
❶12032	12032-7001	4	Tappet				
❶13070	13070-7001	2	Guide				
❶13070A	13070-7004	1	Guide				
❶13116	13116-2057	4	Rod-Push				
❶13271	13271-7007	1	Plate				
❶13271A	13271-7021	1	Plate-Governor				
❶42036B	42036-7010	1	Sleeve				
❶49078	49078-7001	4	Spring-Valve, Engine				
❶49118	49118-7004	1	Camshaft				
❶92009	92009-2341	4	Screw				
❶92015	92015-2253	4	Nut				
❶92033	92033-7001	2	Ring-Snap				
❶92140	92140-7002	6	Ball				
❶92145	92145-7001	1	Spring				
❶92153	92153-7019	4	Bolt				
❶92200	92200-7001	1	Washer				



Lubrication Equipment Assembly Kawasaki FH580V-DS28

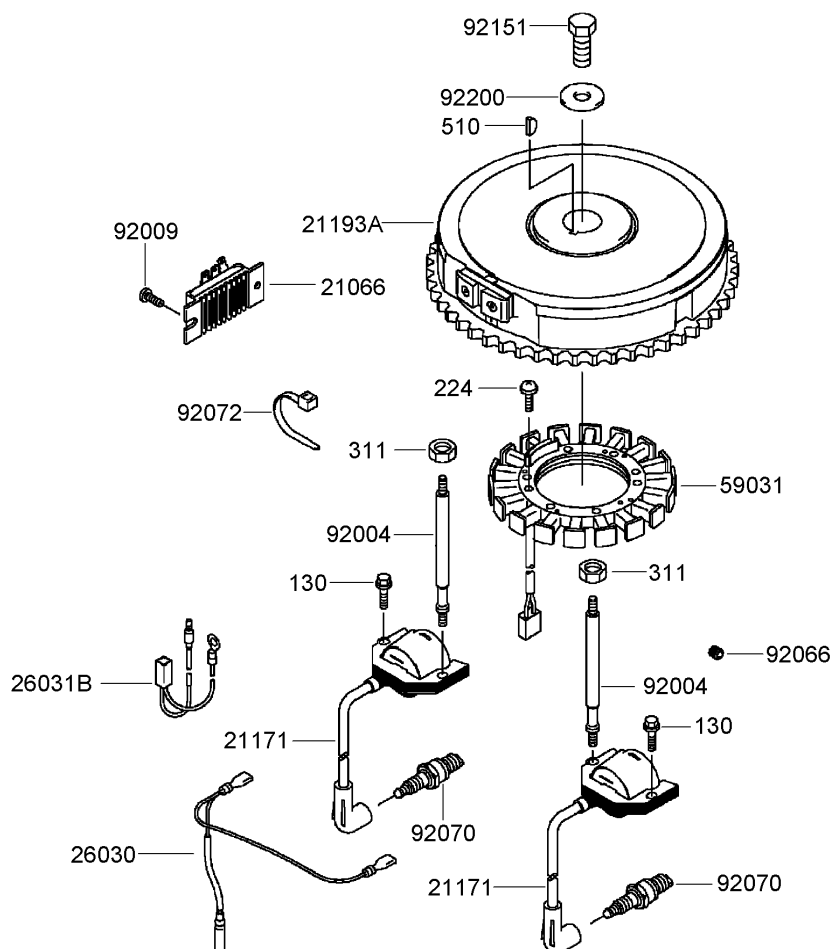
Ref	Part No.	Qty.	Description				
⑨13107	13107-7009	1	Shaft				
⑨13271	13271-7017	1	Plate				
⑨14075	14075-7009	1	Cap ASM				
⑨16154	16154-2053	1	Rotor-Pump (In)				
⑨16154A	16154-2054	1	Rotor-Pump (Out)				
⑨49065	49065-2078	1	Filter-Oil				
⑨49065A	49065-7004	1	Filter-Oil				
⑨59051	59051-7011	1	Gear-Spur				
⑨59231	59231-7005	1	Filler				
⑨92043	92043-7003	2	Pin				
⑨92066	92066-7003	2	Plug				
⑨92140	92140-7003	1	Ball				
⑨92145	92145-7002	1	Spring				
⑨130	130B0612	3	Bolt-Flanged (6X12)				
⑨670	670D2016	3	O-Ring (16Mm)				



Cooling Equipment Assembly

Kawasaki FH580V-DS28

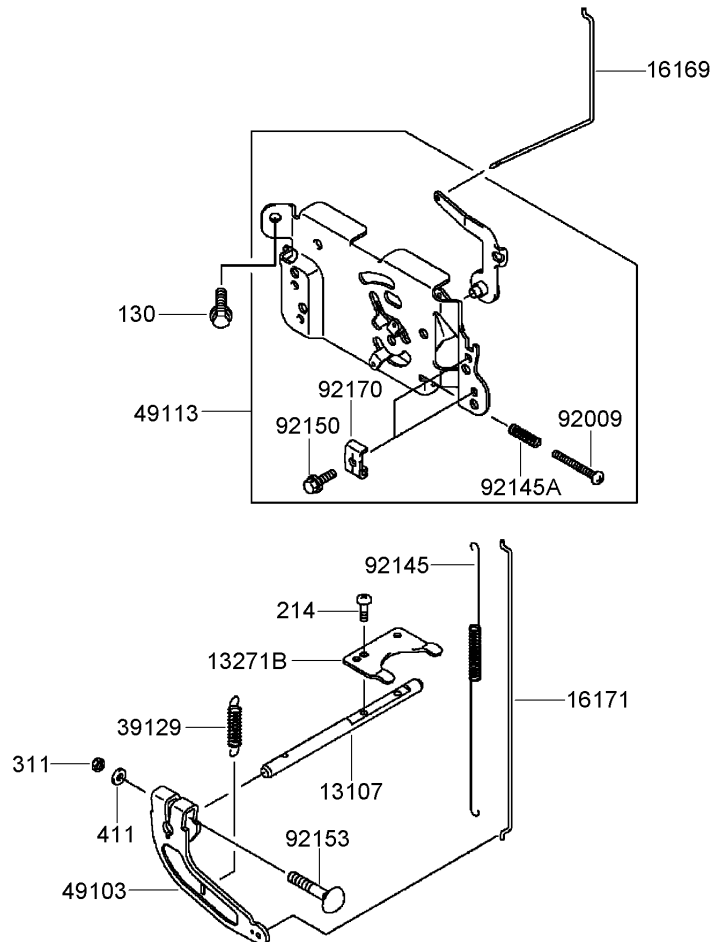
Ref	Part No.	Qty.	Description				
❶13270	13270-7007	1	Plate				
❶14037	14037-7020-9H	1	Screen				
❶23062	23062-7010	1	Bracket				
❶49089	49089-7032	1	Shroud-Engine				
❶49089A	49089-7042	1	Shroud-Engine				
❶49089B	49089-7043	1	Shroud-Engine				
❶55020	55020-7004	1	Guard				
❶59041B	59041-7012	1	Fan				
❶59066B	59066-7037	1	Housing-Fan				
❶92004	92004-7006	2	Stud				
❶92026	92026-7007	1	Spacer				
❶92153	92153-7007	3	Bolt				
❶92153A	92153-7008	1	Bolt				
❶92210	92210-0003	4	Nut				
❶130	130B0612	5	Bolt-Flanged (6X12)				
❶130A	130B0616	2	Bolt-Flanged (6X16)				
❶130B	130B0625	2	Bolt-Flanged (6X25)				
❶130C	130B0816	1	Bolt-Flanged (8X16)				
❶311	311B0600	2	Nut-Hex (6Mm)				



Electric Equipment Assembly

Kawasaki FH580V-DS28

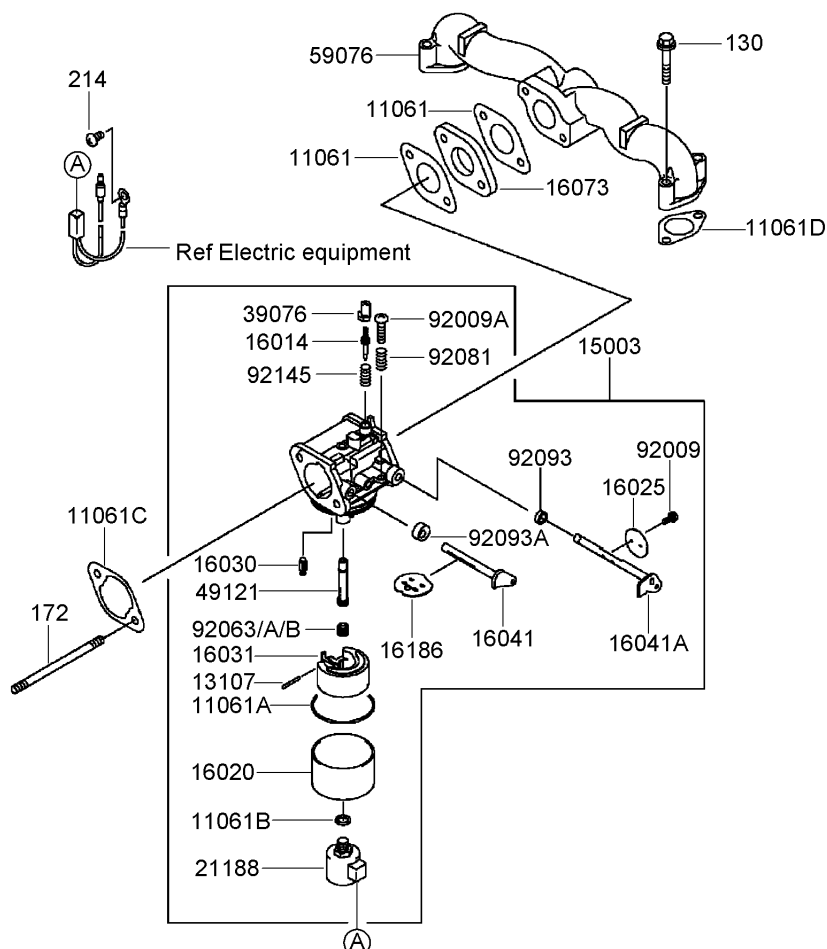
Ref	Part No.	Qty.	Description				
③21066	21066-7011	1	Regulator-Voltage				
③21171	21171-7013	2	Ignition Coil ASM				
③21193A	21193-7032	1	Flywheel-Assy				
③26030	26030-7001	1	Harness				
③26031B	26031-7012	1	Harness				
③59031	59031-7009	1	Coil-Charging				
③92004	92004-7009	2	Stud				
③92009	92009-2308	1	Screw				
③92066	92066-7002	1	Plug				
③92070	92070-7003	2	Plug-Spark (R C J 8 Y, Solid)				
③92072	92072-7003	2	Band				
③92151	92151-2097	1	Bolt (12X30)				
③92200	92200-7002	1	Washer				
③130	130B0620	2	Bolt-Flanged (6X20)				
③224	224B0520	4	Screw-Pan (5X20)				
③311	311B0600	2	Nut-Hex (6Mm)				
③510	510A5100	1	Key-Woodruff				



Control Equipment Assembly

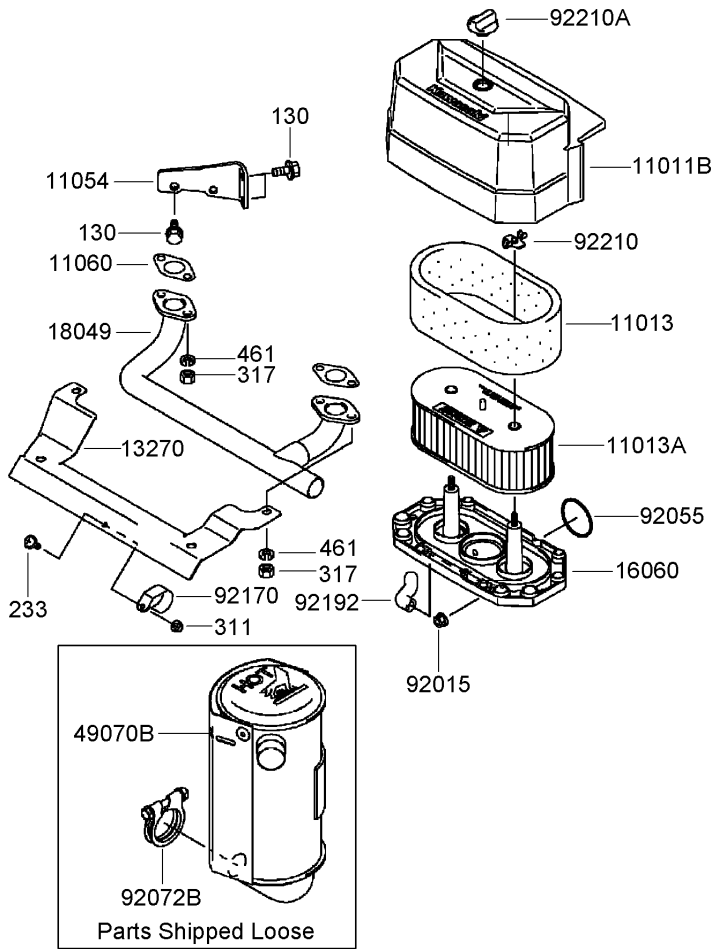
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
⑨13107	13107-7010	1	Shaft				
⑨13271B	13271-7032	1	Plate				
⑨16169	16169-7010	1	Link-Choke				
⑨16171	16171-7001	1	Link				
⑨39129	39129-7003	1	Spring-Governor				
⑨49103	49103-7004	1	Arm-Governor				
⑨49113	49113-7024	1	Panel-Control				
⑨92009	92009-7007	1	Screw (4X35)				
⑨92145	92145-7003	1	Spring				
⑨92145A	92145-7005	1	Spring				
⑨92150	92150-2182	2	Bolt (5X18)				
⑨92153	92153-7033	1	Bolt (6X35)				
⑨92170	92170-7001	2	Clamp				
⑨130	130B0612	2	Bolt-Flanged (6X12)				
⑨214	214B0408	2	Screw-Pan (4X8)				
⑨311	311B0600	1	Nut-Hex (6Mm)				
⑨411	411B0600	1	Washer-Plain (6Mm)				



Carburetor Assembly Kawasaki FH580V-DS28

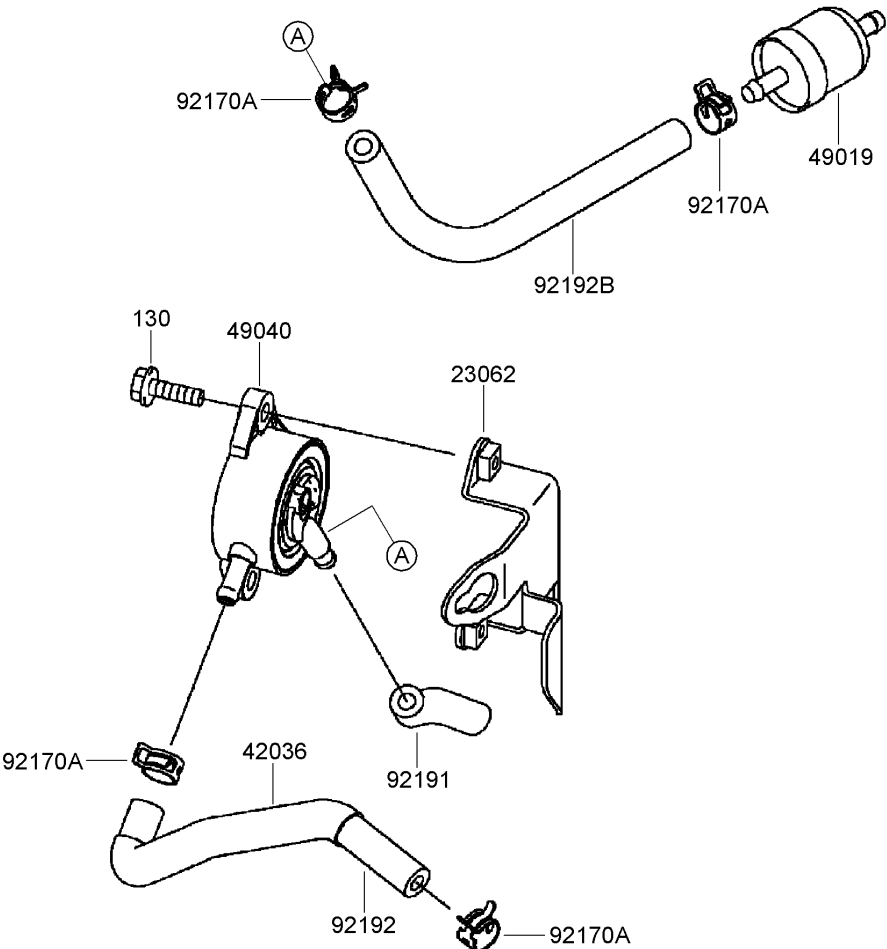
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
①11061	11061-7004	2	Gasket-Insulator	①92063B	92063-7062	1	Jet-Main No. 110
①11061A	11061-7009	1	Gasket-Chamber	①92081	92081-2234	1	Spring
①11061B	11061-7010	1	Gasket-Screw	①92093	92093-2100	1	Seal
①11061C	11061-7018	1	Gasket-Cleaner, Air	①92093A	92093-7003	1	Seal
①11061D	11061-7019	2	Gasket	①92145	92145-7015	1	Spring
①13107	13107-7018	1	Shaft	①130	130B0635	4	Bolt-Flanged (6X35)
①15003	15003-7100	1	Carburetor ASM	①172	172G0690	2	Bolt-Stud (6X90)
①16014	16014-7007	1	Screw-Air, Pilot	①214	214B0510	1	Screw-Pan (5X10)
①16020	16020-7003	1	Chamber-Float				
①16025	16025-7006	1	Valve-Throttle				
①16030	16030-7003	1	Valve-Float				
①16031	16031-7002	1	Float				
①16041	16041-7016	1	Shaft-Choke, Carburetor				
①16041A	16041-7018	1	Shaft-Throttle, Carburetor				
①16073	16073-7007	1	Insulator				
①16186	16186-7004	1	Choke Valve ASM				
①21188	21188-7002	1	Solenoid				
①39076	39076-7001	1	Limiter				
①49121	49121-7004	1	Nozzle-Main				
①59076	59076-7001	1	Manifold-Intake				
①92009	92009-2083	2	Screw				
①92009A	92009-2349	1	Screw				
①92063	92063-7037	1	Jet-Main (No. 105)				
①92063A	92063-7046	1	Jet-Main (No. 100)				



Air Filter and Muffler Assembly

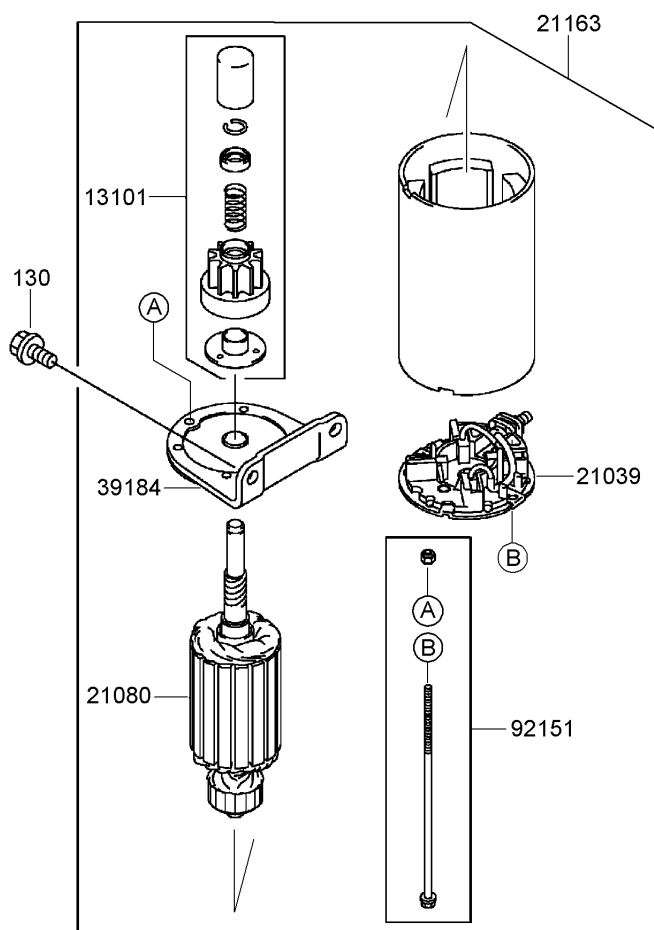
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
❸11011B	11011-7046	1	Case-Air Filter				
❸11013	11013-7025	1	Element-Filter, Air				
❸11013A	11013-7031	1	Element-Filter, Air				
❸11054	11054-7002-9H	1	Bracket				
❸11060	11060-7021	2	Gasket-Muffler				
❸13270	13270-7008	1	Plate				
❸16060	16060-7016	1	Pipe-Intake				
❸18049	18049-7001	1	Pipe-Exhaust				
❸49070B	49070-7021	1	Muffler				
❸92015	92015-1193	2	Nut				
❸92055	92055-7015	1	O-Ring				
❸92072B	92072-7012	1	Band				
❸92170	92170-7002	1	Clamp				
❸92192	92192-7010	1	Tube				
❸92210	92210-7004	2	Nut				
❸92210A	92210-7019	1	Nut				
❸130	130B0816	3	Bolt-Flanged (8X16)				
❸233	233B0416	1	Screw (4X16)				
❸311	311B0400	1	Nut-Hex (4Mm)				
❸317	317R0800	4	Nut-Hex, Small (8Mm)				
❸461	461F0800	4	Washer-Spring (8Mm)				



Fuel Tank and Valve Assembly
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
③23062	23062-7004-9H	1	Bracket				
③42036	42036-7012	1	Sleeve				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170A	92170-2088	4	Clamp				
③92191	92191-7002	1	Tube				
③92192	92192-7035	1	Tube (6.35X12.7X170)				
③92192B	92192-7037	1	Tube (6.35X12.7X160)				
③130	130B0620	2	Bolt-Flanged (6X20)				



Starter Assembly Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
③13101	13101-7003	1	Gear ASM				
③21039	21039-7004	1	Brush				
③21080	21080-7001	1	Armature				
③21163	21163-7010	1	Starter-Electric				
③39184	39184-7004	1	Bracket ASM				
③92151	92151-7013	1	Bolt				
③130	130B0816	2	Bolt-Flanged (8X16)				

Attachments and Accessories

For 30499 - Commercial Walk-Behind Mower, Floating Deck T-Bar Hydro with 52in TURBO FORCE Cutting Unit

Product Name	Model/Part
Blade-Recycler, 18 Inch	105-7779-03
Blade-Med Flow, 18 Inch	105-7794-03
Blade-Low Flow, 18 Inch	105-7795-03
Blade-Atomic, 18 Inch	105-7796-03
Turbo Baffle Kit	107-1634
Blade-Hi-Flow, 18 Inch (6 Pack)	108-1117
Blade-Atomic, 18 Inch (6 Pack)	108-1118
Blade-Lo-Flow, 18 Inch (6 Pack)	110-0406
Blade-Recycler, 18 Inch (6 Pack)	110-0408
Blade-Med-Flow, 18 Inch (6 Pack)	110-0409
52 Inch Recycler Kit	110-2040
Weight-Cast	112-7059-01
Weight Kit	112-9971
Soft Bag (3 Bushel)	30104
Tru Trak Sulky	30110

NOTES

NOTES

NOTES

