



Commercial Walk-Behind Mower Floating Deck Pistol Grip Hydro 52 Inch TURBO FORCE® Cutting Unit

Model No. 30289 - 270000001 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	 25
Fuel System, Hydro Pump and Filter Assembly	 4	Piston and Crankshaft Assembly Kawasaki FH580V-DS28	 26
Hydraulic Pump Assembly No. 109-4988	 5	Valve and Camshaft Assembly Kawasaki FH580V-DS28	 27
Hydraulic Pump Assembly No. 112-8717	 6	Lubrication Equipment Assembly Kawasaki FH580V-DS28	 28
Pump Drive and Wheel Motor Assembly	 7	Cooling Equipment Assembly Kawasaki FH580V-DS28	 29
Hydraulic Wheel Motor Assembly No. 104-1171	 8	Electric Equipment Assembly Kawasaki FH580V-DS28	 30
Lower Control Assembly	 9	Control Equipment Assembly Kawasaki FH580V-DS28	 31
Hydraulic Hose Assembly	 11	Carburetor Assembly Kawasaki FH580V-DS28	 32
Upper Control Assembly	 12	Air Filter and Muffler Assembly Kawasaki FH580V-DS28	 33
Control Panel Assembly	 13	Fuel Tank and Valve Assembly Kawasaki FH580V-DS28	 34
Battery Assembly	 14	Starter Assembly Kawasaki FH580V-DS28	 35
Parking Brake Assembly	 15	Label Assembly Kawasaki FH580V-DS28	 36
Power-Take-Off Idler and Weight Assembly	 16	Attachments and Accessories List	 37
Carrier Frame Assembly	 17		
Deck Drive and Baffle Assembly	 18		
Deck Assembly No. 112-7083	 19		
Spindle Assembly No. 110-0728	 20		
Spindle Assembly No. 110-0730	 21		
Lever Assembly No. 107-1664	 22		
Deck Assembly	 23		
Deflector Assembly No. 110-0758	 24		

Part Description Abbreviations

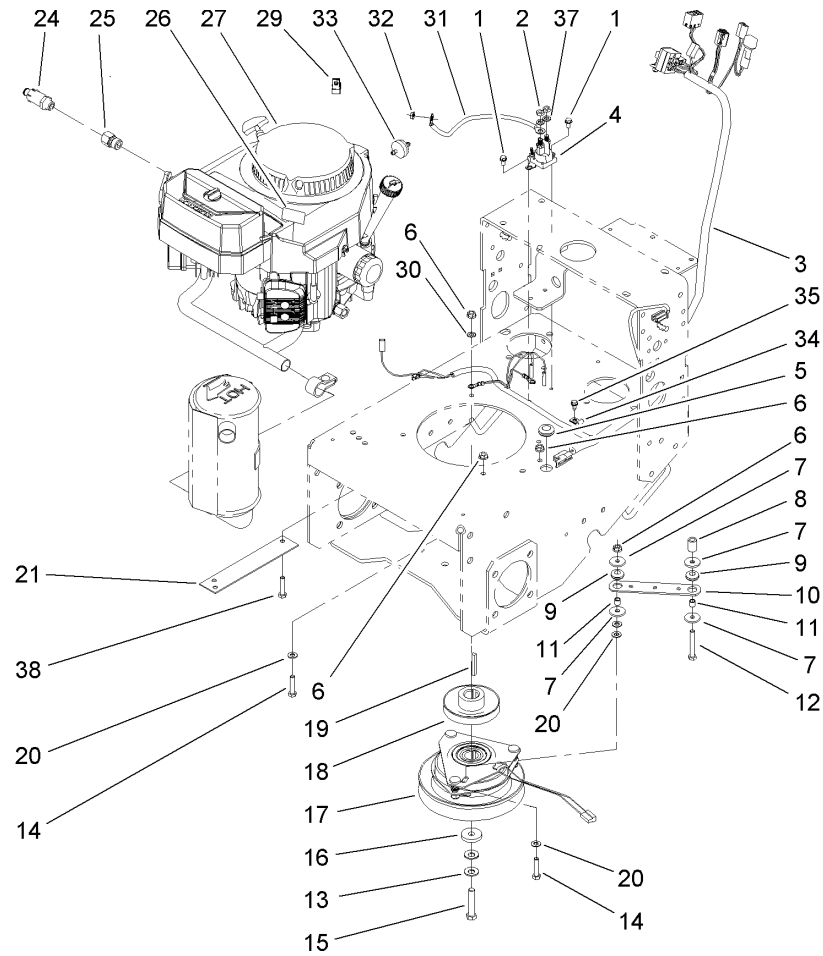
Part descriptions in this catalog may include the following abbreviations.

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

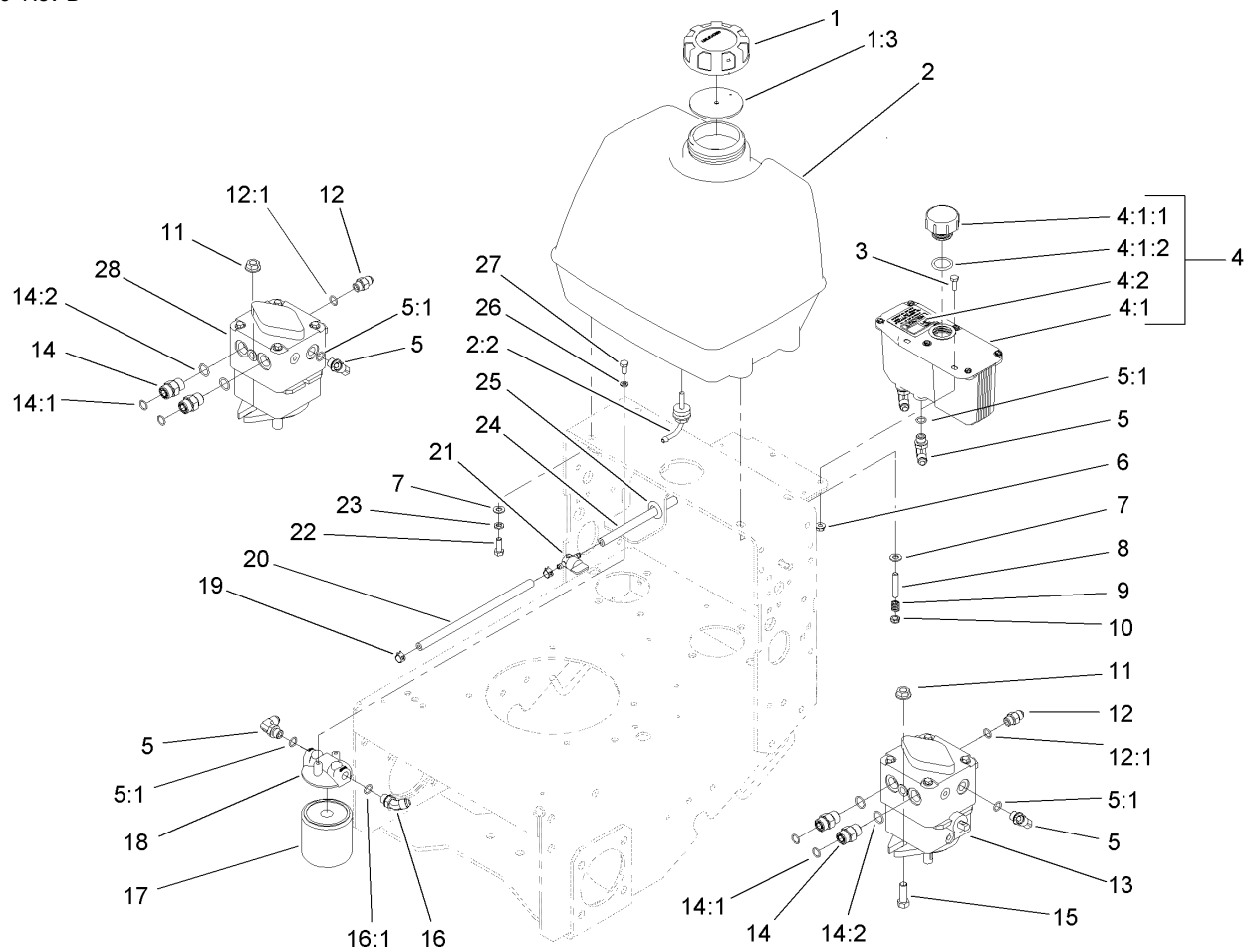
- ❶ Not illustrated
- ❷ Obtain from your local Kawasaki dealer

- ❸ Not serviced separately



Engine and Clutch Assembly

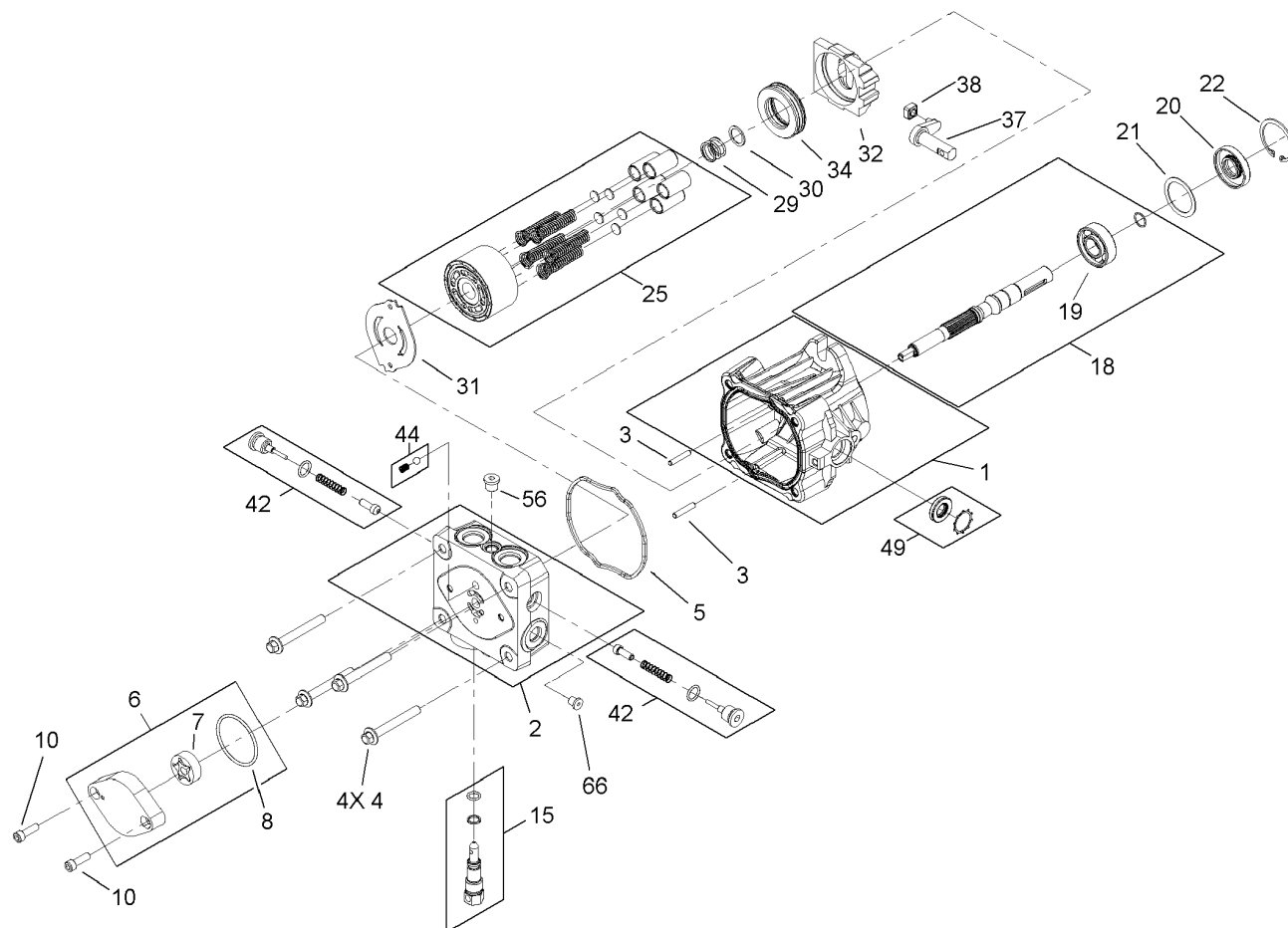
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	32144-4	2	Screw-HWH	27		1	Engine-Kawasaki, FH580V Ds28
2	3220-2	2	Nut-Jam	29	2412-87	1	Clamp-Cable
3	106-8780	1	Harness-Wire	30	3255-8	1	Washer-Lock
4	1-513075	1	Switch-Solenoid	31	105-0834	1	Cable-Battery
5	112-7069	1	Grommet	32	32149-2	1	Nut-Keps
6	32128-20	6	Nut-HF	33	56-6360	1	Filter-Fuel
7	1-613235	4	Washer	34	2412-72	1	Clip-Closed, Insulated
8	104-6373	1	Tube-Retainer	35	12-3270	1	Screw
9	1-633630	2	Grommet-Brake	37	3253-4	2	Washer-Lock
10	1-633543-03	1	Strap-Clutch, Brake	38	322-9	1	Screw-HH
11	1-633545	2	Spacer	99	103-1964	1	Hose-Drain, Oil
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	112-7067	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, Hot Surfaces				



Fuel System, Hydro 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	5	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	2	Fitting-Straight
12:1	237-42	1	O-Ring
13	109-4988	1	Pump-HYD
14	340-4	4	Fitting-HYD, Straight
14:1	237-30	1	O-Ring
14:2	237-79	1	O-Ring

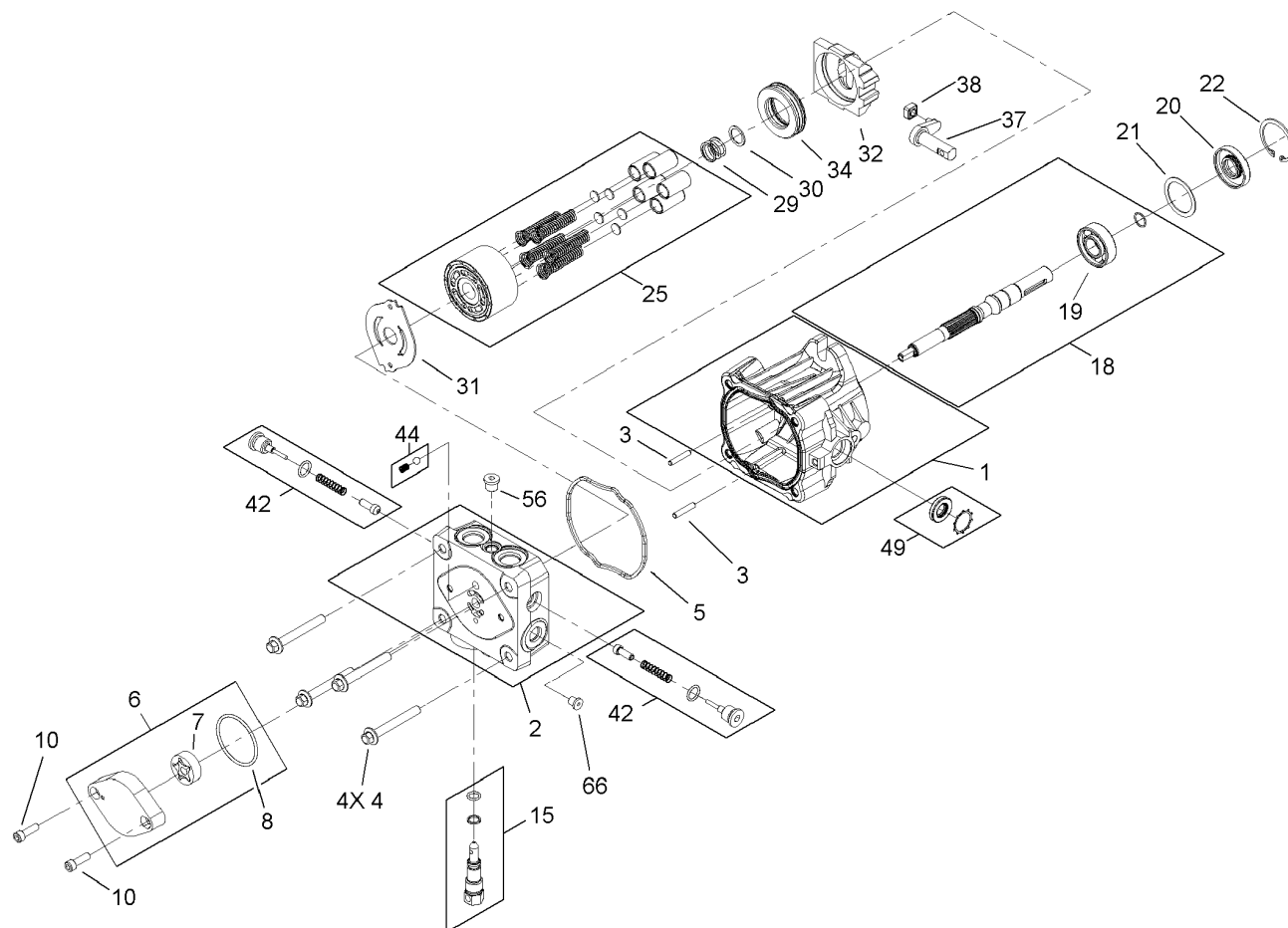
Ref	Part No.	Qty.	Description
15	324-5	4	Screw-HH
16	353-212	1	Elbow
16:1	237-42	1	O-Ring
17	1-633750	1	Filter-Oil, HYD
17	1-633752	1	Filter-HYD, Winter
18	104-7836	1	Head-Filter
19	2412-98	4	Clamp
20	110-4894	1	Hose-Fuel
21	1-603770	1	Valve-Fuel
22	322-4	2	Screw-HH
23	3253-4	2	Washer-Lock
24	107-0588	1	Hose-Fuel
25	112-7069	1	Grommet
26	3253-3	2	Washer-Lock
27	321-3	2	Screw-HH
28	112-8717	1	Pump-HYD



Hydraulic Pump Assembly No. 109-4988

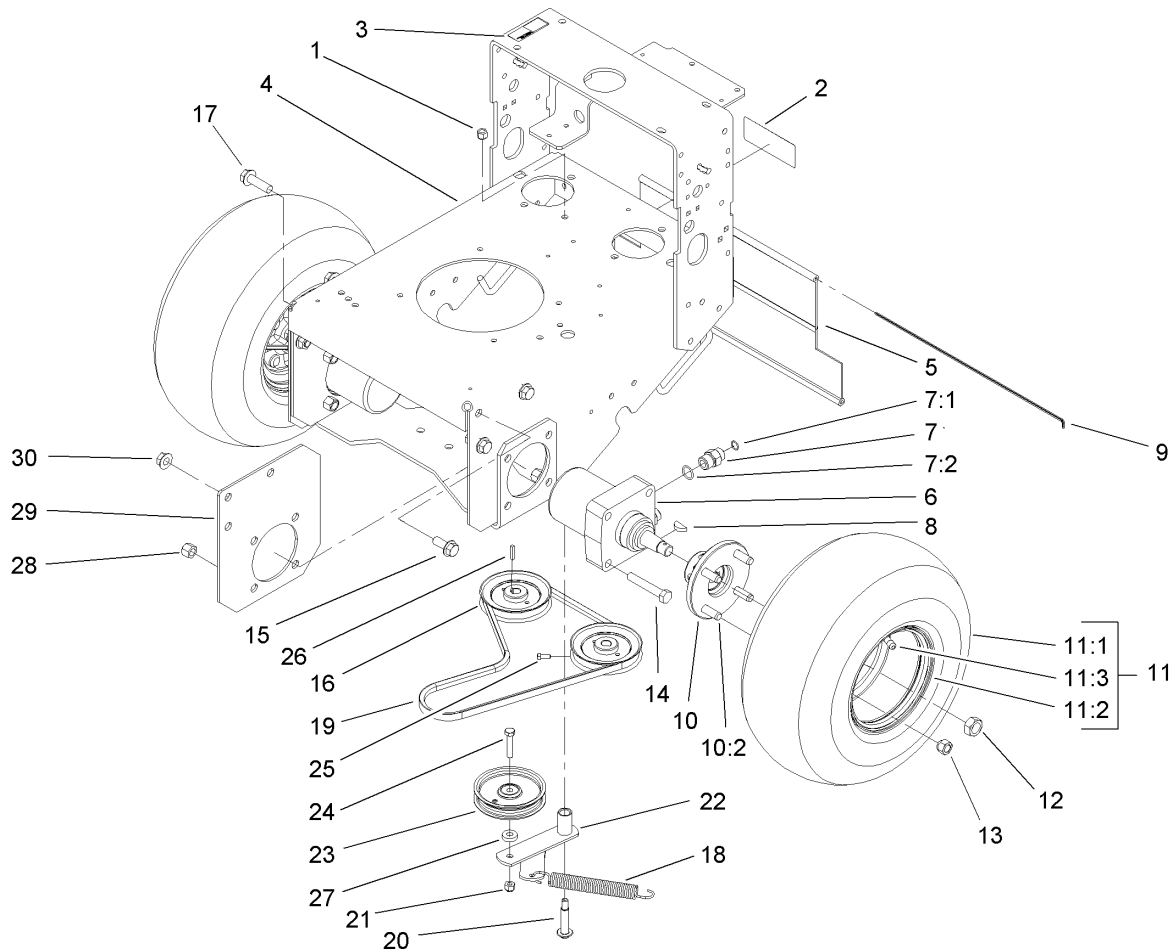
Ref	Part No.	Qty.	Description
1	106-8751	1	Housing Kit
2	106-8752	1	End Cap Kit (W/Poppets)
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	106-8758	2	Screw-HSH
15	106-8759	1	Bypass Valve Kit
18	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	104-2106	1	Cylinder Block ASM
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Block, Thrust
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	94-1909	1	Arm-Trunion
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	106-8761	1	Trunnion Seal / Retainer Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
99	105-6184	1	Overhaul Seal Kit



Hydraulic Pump Assembly No. 112-8717

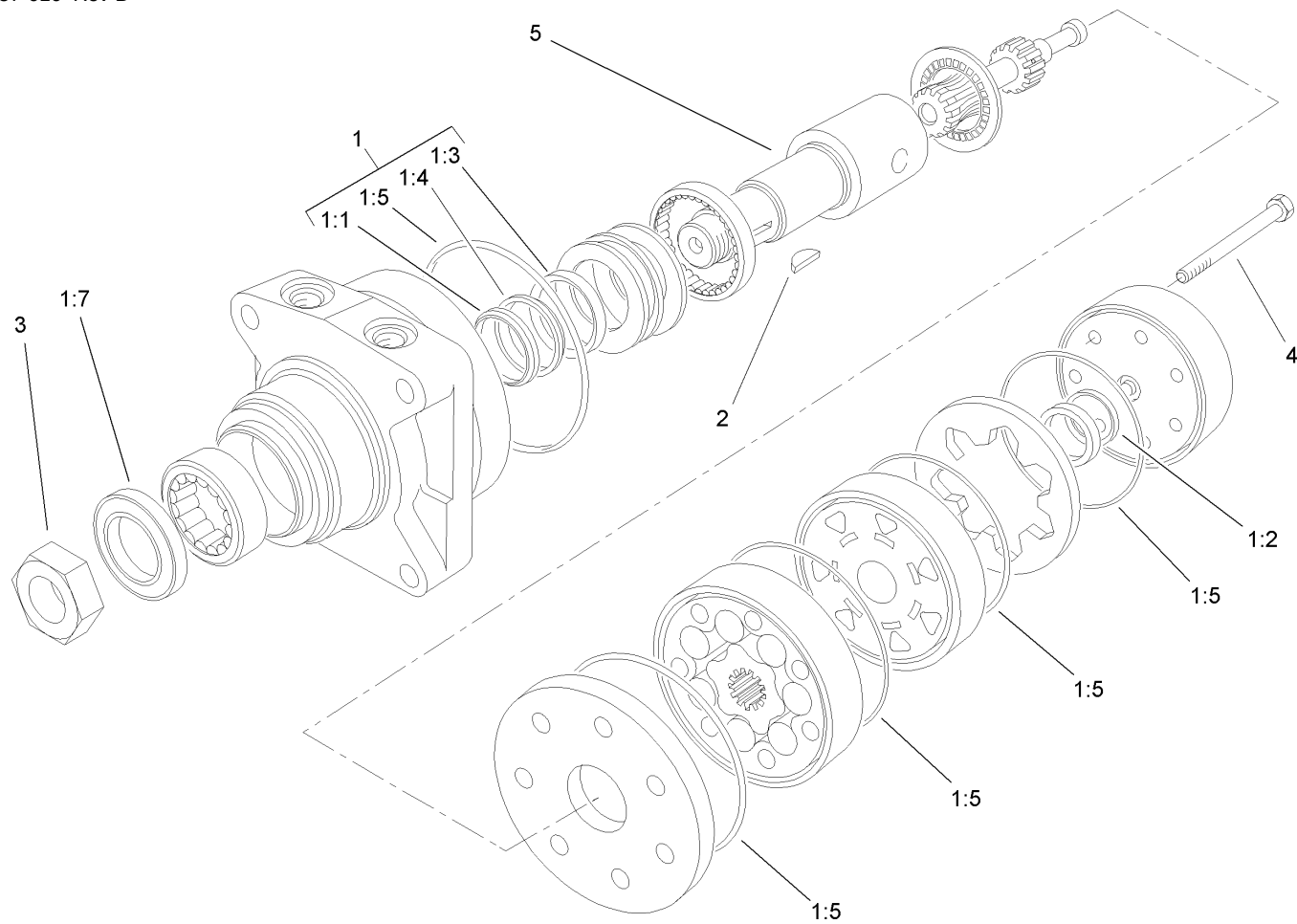
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-8751	1	Housing Kit	44	106-8760	1	Charge Relief Valve Kit
2	106-8752	1	End Cap Kit (W/Poppets)	49	106-8761	1	Trunnion Seal / Retainer Kit
3	106-8753	2	Pin-Headless, Straight	56	106-8762	1	Plug-HSH
4	106-8754	4	Bolt-HF	66	106-8763	1	Plug-HSH
5	106-8755	1	O-Ring	99	105-6184	1	Overhaul Seal Kit
6	106-8756	1	Charge Pump Kit				
7	104-2122	1	Gerotor ASM				
8	106-8757	1	O-Ring				
10	106-8758	2	Screw-HSH				
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	104-2106	1	Cylinder Block ASM				
29	94-1936	1	Spring-Block				
30	94-1937	1	Washer-Block, Thrust				
31	105-6185	1	Plate-Valve				
32	94-1907	1	Swashplate-Variable				
34	94-6922	1	Bearing-Thrust				
37	94-1909	1	Arm-Trunion				
38	94-1910	1	Guide-Slot				
42	98-3252	2	Valve-Check (W/Poppet)				



Pump Drive and Wheel Motor Assembly

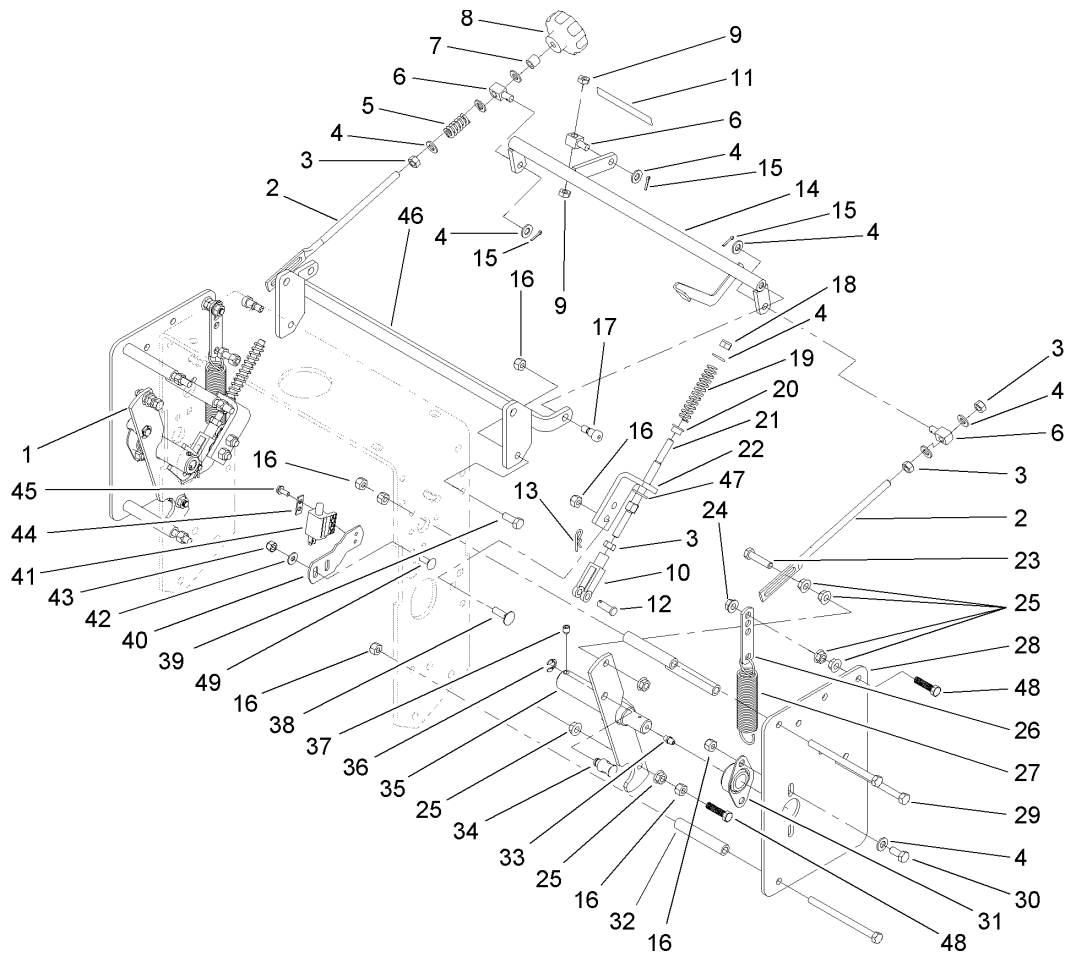
Ref	Part No.	Qty.	Description
1	3296-6	1	Nut-Lock
2	98-0776	1	Decal-Caution
3	95-2814	1	Decal-Shut Off, Fuel
4	108-6660-01	1	Frame ASM
5	95-1526	1	Shield-Trailing
6	104-1171	2	Motor-Wheel
7	340-6	4	Fitting-HYD, Straight
7:1	237-30	1	O-Ring
7:2	237-80	1	O-Ring
8	3257-8	2	Key-Woodruff
9	95-1529	1	Rod-Shield
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	1-413010	2	Sheave ASM
17	3234-22	2	Screw-HHF
18	80-6610	1	Spring-Extension

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	1-803050	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



Hydraulic Wheel Motor Assembly No. 104-1171

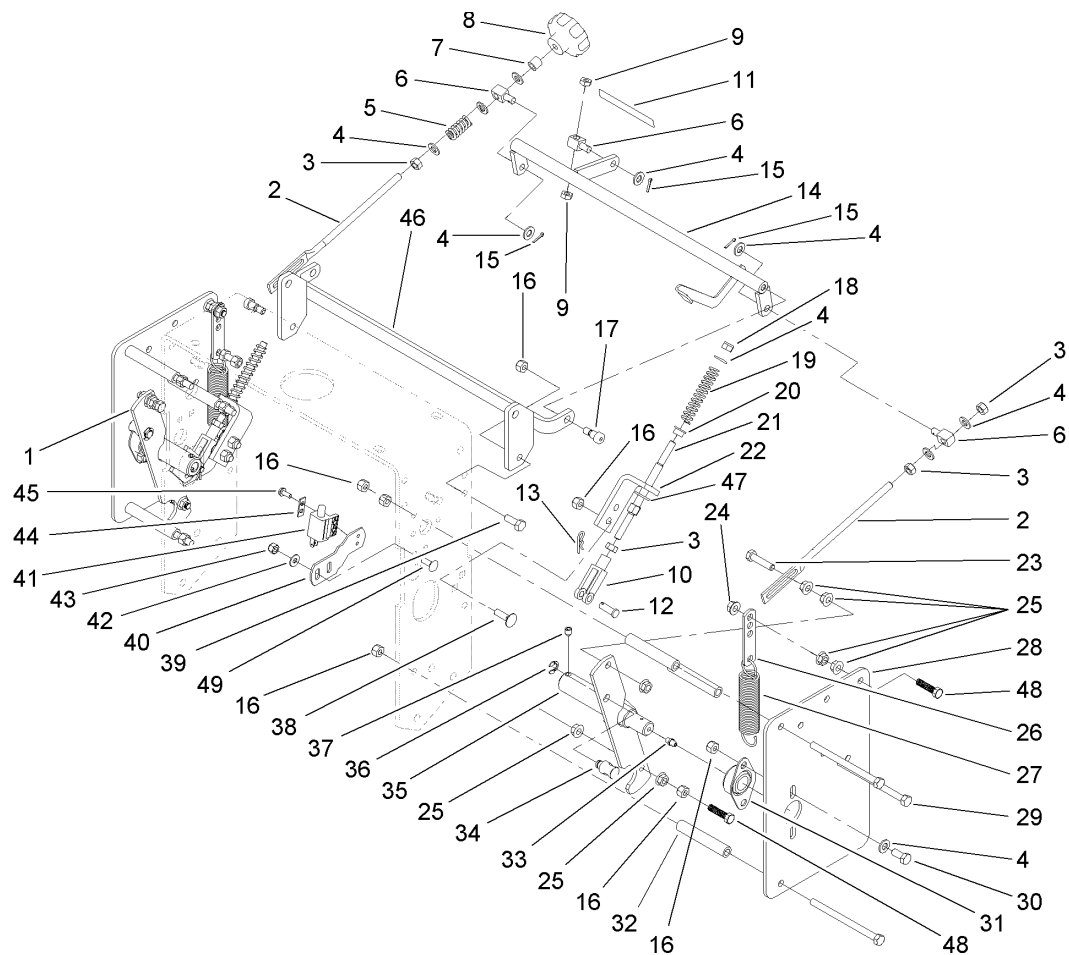
Ref	Part No.	Qty.	Description				
1	1-000119	1	Seal Kit				
2 1:1		1	Ring-Back Up				
2 1:2		1	Seal-Commutator				
2 1:3		1	Seal-Shaft (Viton)				
2 1:4		1	Washer-Back Up, Steel				
2 1:5		5	Ring-Seal (Viton)				
2 1:7		1	Seal-Dirt And Water				
2	3257-8	1	Key-Woodruff				
3	85-7310	1	Nut-Motor, Wheel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



Lower Control Assembly

Ref	Part No.	Qty.	Description
1	106-5484	1	RH Control Arm ASM
2	1-413350	2	Link-Control, Speed
3	3219-2	5	Nut-Hex
4	3256-23	14	Washer-Flat
5	1-323245	1	Spring-Compression
6	1-603676	3	Swivel-Adjustable, Short
7	1-603903	1	Spacer
8	1-413151	1	Knob-Tracking
9	3220-2	2	Nut-Jam
10	1-303105	2	Yoke-Adjustable
11	105-4109	1	Decal-Tracking
12	1-808280	2	Pin-Clevis
13	3290-307	2	Pin-Hair
14	106-5538-01	1	Speed Control Crank ASM
15	3272-5	3	Pin-Cotter
16	3296-29	18	Nut-Lock, NI
17	1-809056	2	Screw
18	3296-4	2	Nut-Lock
19	1-603807	2	Spring-Return, Neutral
20	109-3769	2	Bushing-Nylon, Flanged
21	105-9372	2	Stud-Adjustment
22	104-9802-01	2	Bracket-Mount, Spring
23	1-403180	2	Screw-HH
24	32128-25	2	Nut-HF

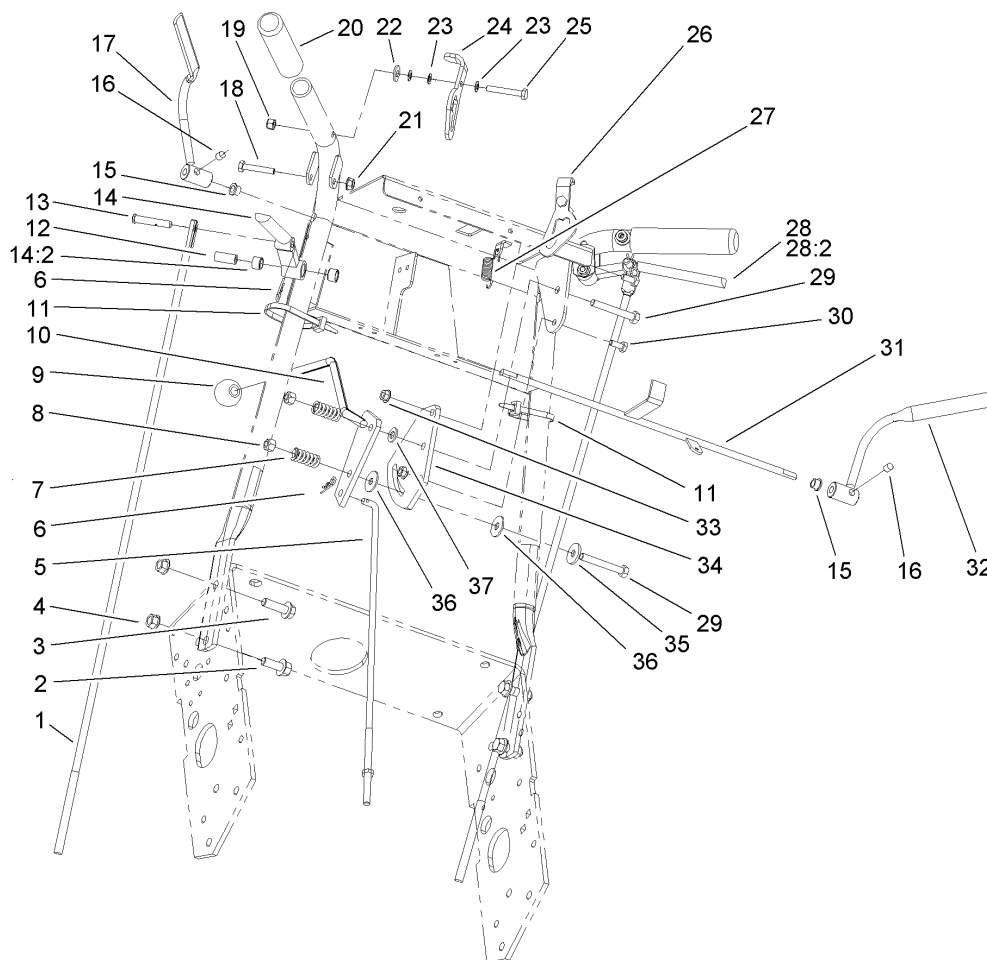
Ref	Part No.	Qty.	Description
25	32128-20	14	Nut-HF
26	1-613089	2	Tab-Spring, Extension
27	1-603693	2	Spring-Extension
28	104-9817-01	2	Plate-Side
29	322-38	6	Screw-HH
30	322-3	4	Screw-HH
31	1-633102	2	Bearing-Flange, Side
32	104-9820	6	Spacer-Shield
33	302-5	2	Fitting-Grease
34	103-1235	2	Swivel-Lever, Drive
35	106-5480	1	LH Control Arm ASM
36	32151-47	2	Ring-Retaining
37	3246-3	4	Screw-HSH
38	3230-2	4	Bolt-CARR
39	322-4	2	Screw-HH
40	106-5539-01	1	Bracket-Neutral
41	1-513051	1	Switch-Open, Normally
42	3256-1	2	Washer-Flat
43	3296-42	2	Nut-Lock, NI
44	82-4570	1	Plate-Switch
45	32144-1	2	Screw-Taptite
46	105-3163-01	1	Crank Support ASM
47	3256-24	2	Washer-Flat
48	1-800016	4	Bolt-TAP, HH



Lower Control Assembly (continued)

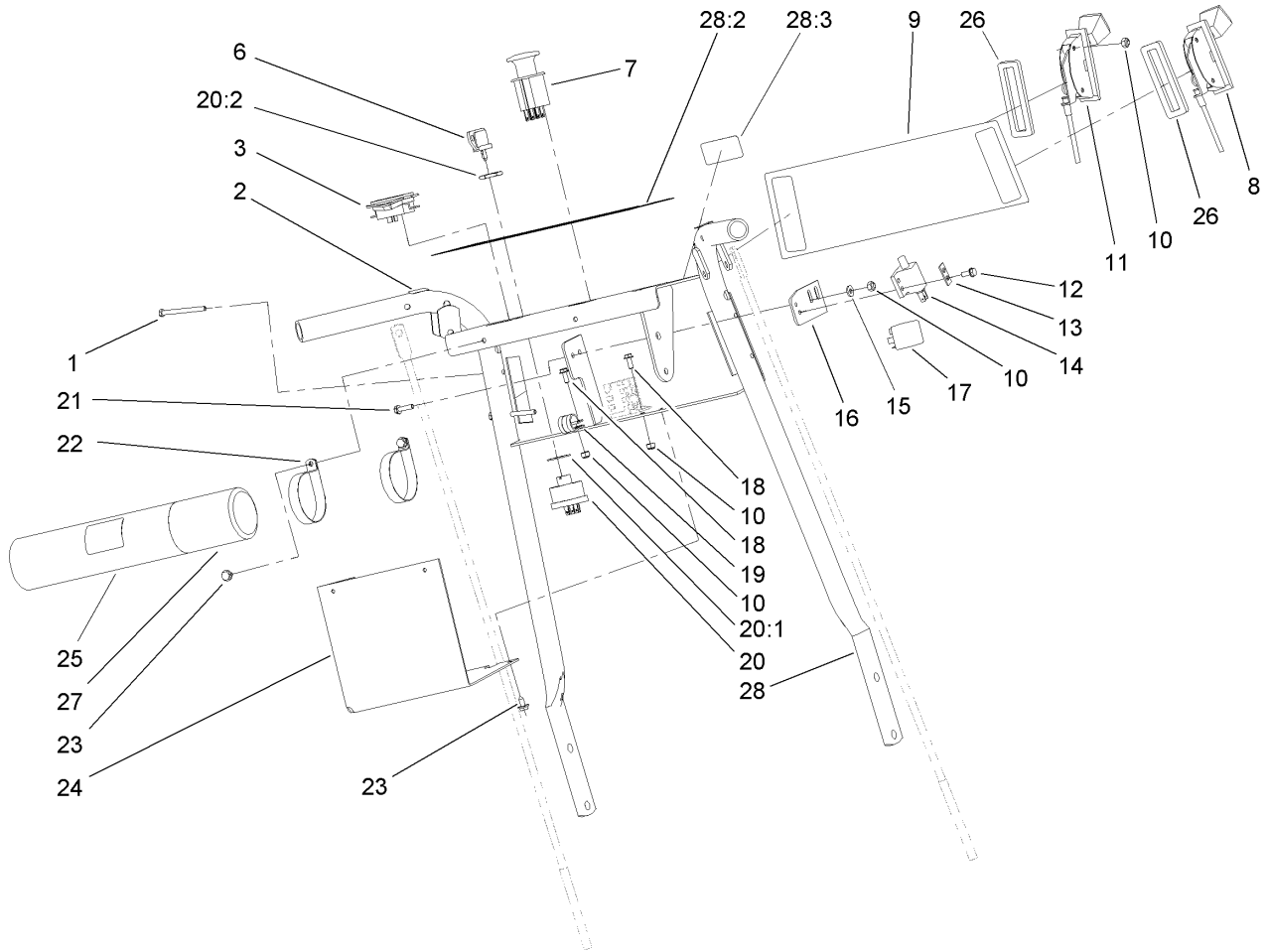
Ref	Part No.	Qty.	Description
49	3229-1	2	Screw-CARR

11



Upper Control Assembly

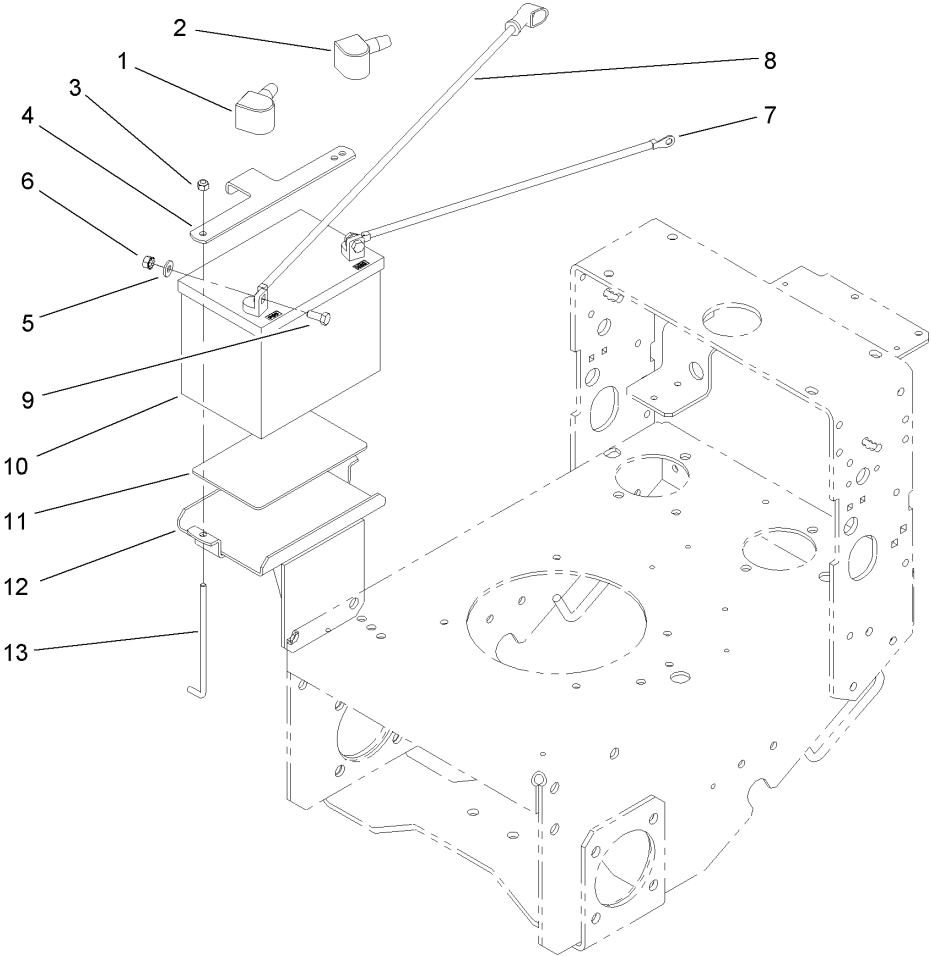
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-413219	2	Rod-Lever, Drive	23	1-303435	6	Washer-Spring
2	3234-11	2	Screw-HHF	24	106-5483	1	Latch-Thumb, LH
3	3234-24	2	Screw-HHF	25	321-10	2	Screw-HH
4	32128-21	4	Nut-HF	26	106-5481	1	Latch-Thumb, RH
5	106-5534	1	Rod-Control, Speed	27	1-303363	1	Spring-Extension
6	3290-307	3	Pin-Hair	28	103-0219	1	RH Drive Lever ASM
7	1-323245	2	Spring-Compression	28:2	1-413152	2	Sleeve-Bushing
8	3296-29	2	Nut-Lock, NI	29	322-11	2	Screw-HH
9	233-42	1	Knob	30	321-3	2	Screw-HH
10	106-2748	1	Lever-Shift	31	104-9803	1	Rod ASM
11	3290-378	2	Tie-Cable	32	106-5486	1	RH Operator Presence Control Lever ASM
12	1-603749	2	Bushing-Lever, Drive	33	32128-33	2	Nut-HF
13	1-613055	2	Pin-Clevis	34	1-603730	1	Plate-Lever, Shifter
14	103-0218	1	LH Drive Lever ASM	35	1-603716	1	Washer-Friction
14:2	1-413152	2	Sleeve-Bushing	36	1-323244	2	Washer-Friction
15	1-303365	2	Bushing-Nylon	37	3256-23	1	Washer-Flat
16	1-803322	2	Screw-Set				
17	106-5485	1	LH Operator Presence Control Lever ASM				
18	321-9	2	Screw-HH				
19	3296-42	2	Nut-Lock, NI				
20	104-9838	2	Grip-Foam				
21	32128-33	2	Nut-HF				
22	3256-2	2	Washer-Flat				



Control Panel Assembly

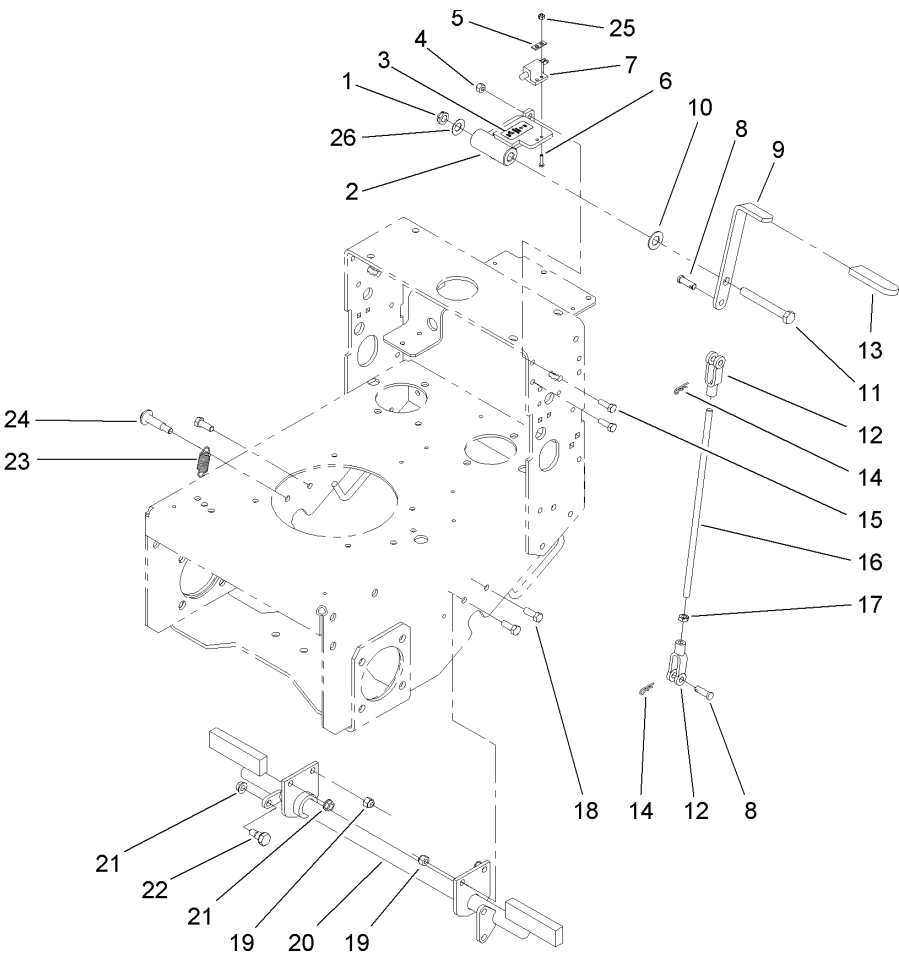
Ref	Part No.	Qty.	Description
1	32105-14	4	Screw-SHH
2	105-4110	2	Decal-Lock, Neutral
3	104-8143	1	Hourmeter
6	63-8360	1	Key-Ignition
7	95-7489	1	Switch-PTO
8	110-4955	1	Control-Choke
9	110-4953	1	Decal-Throttle Control
10	3296-2	8	Nut-Lock
11	110-4954	1	Control-Throttle
12	32144-1	2	Screw-Taptite
13	82-4570	1	Plate-Switch
14	1-513051	1	Switch-Open, Normally
15	3256-14	2	Washer-Flat
16	105-4137-03	1	Plate-Mounting, Switch
17	98-7249	1	Relay
18	3290-321	2	Screw-HWH
19	2412-134	1	R-Clamp
20	88-9830	1	Key Switch ASM
20:1	3254-5	1	Washer-Tooth
20:2	218-461	1	Nut-HH
21	32105-13	2	Screw-SHH
22	2412-120	2	R-Clamp
23	32104-76	4	Screw
24	105-4112-03	1	Bracket-Cover

Ref	Part No.	Qty.	Description
25	104-7050	1	Housing-Manual
26	106-5487	2	Gasket-Throttle
27	104-7048	1	Cap-Housing
28	110-4951	1	Handle ASM
28:2	106-5515	1	Decal-Panel, Control
28:3	98-4387	1	Decal-Protection, Ear



Battery Assembly

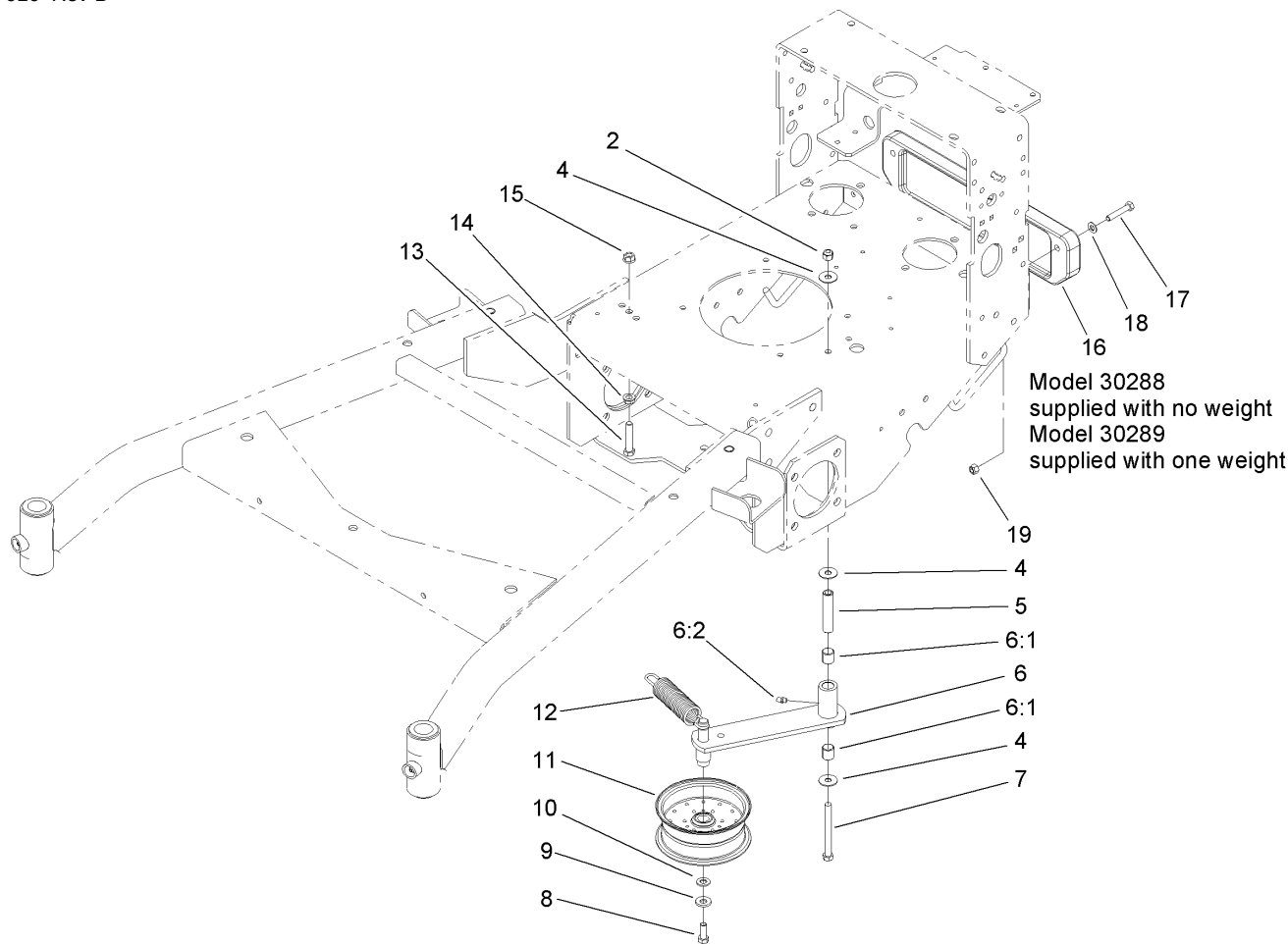
Ref	Part No.	Qty.	Description				
1	77-0981	1	Boot-Terminal, Red				
2	77-0980	1	Boot-Terminal, Black				
3	3296-42	2	Nut-Lock, NI				
4	104-8568-03	1	Plate-Hold Down, Battery				
5	3256-2	2	Washer-Flat				
6	32149-1	2	Nut-Keps				
7	112-7063	1	Cable-Battery, Black				
8	112-7064	1	Cable-Battery, Red				
9	322-3	2	Screw-HH				
10	104-8162	1	Battery				
11	62-4300	1	Pad-Skid, Anti				
12	105-3150-01	1	Battery Tray ASM				
13	104-8567	2	Holddown-Battery				



Parking Brake Assembly

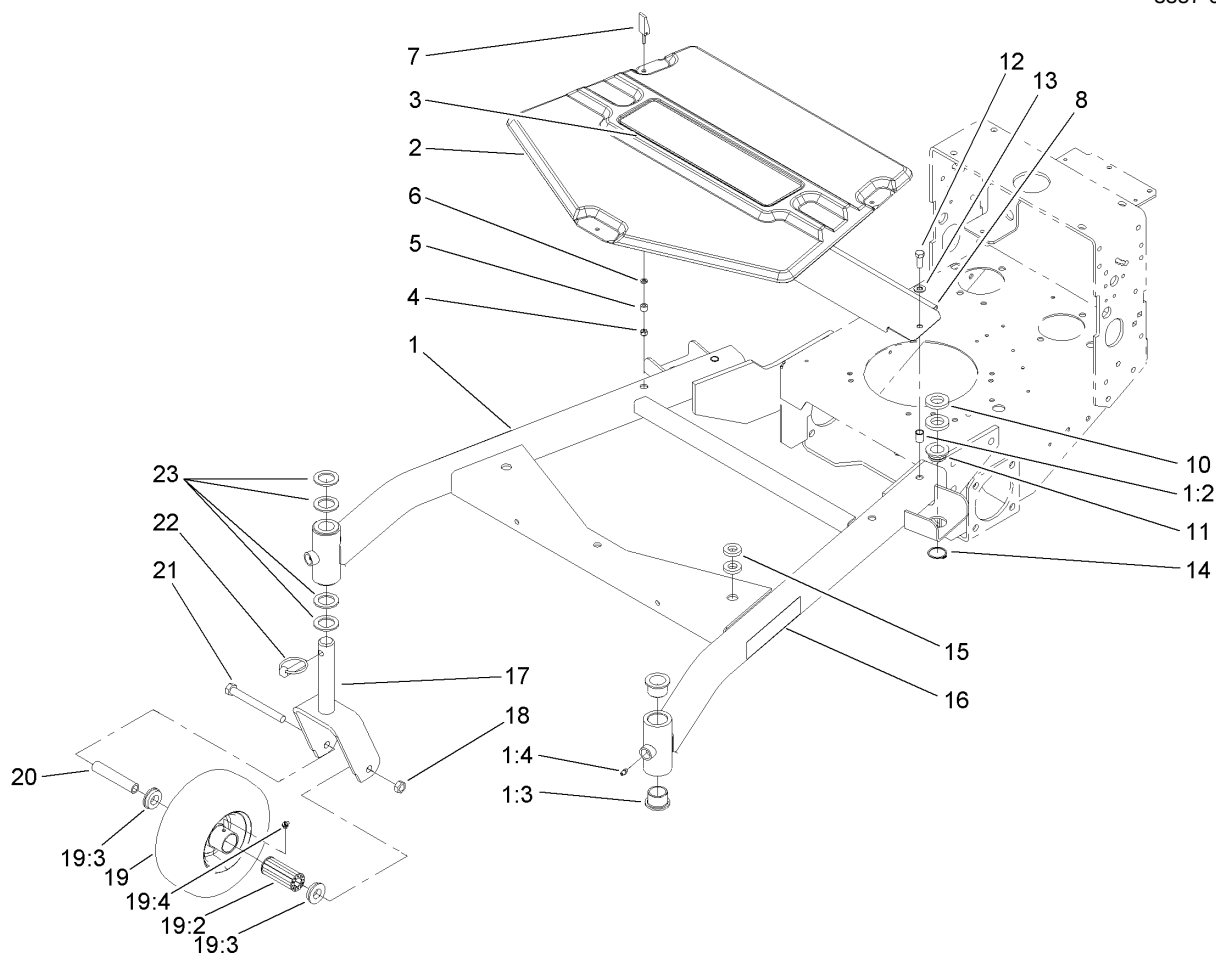
Ref	Part No.	Qty.	Description
1	3296-45	1	Nut-Lock, NI
2	112-8716-01	1	Support-Handle
3	112-8720	1	Decal-Brake
4	3296-29	2	Nut-Lock, NI
5	82-4570	1	Plate-Switch
6	3250-17	2	Screw-PPH
7	95-1653	1	Switch-Pole, Single
8	1-808285	2	Pin-Clevis
9	106-0671-01	1	Handle-Brake
10	257-7	1	Bearing-Thrust
11	325-17	1	Screw-HH
12	1-633131	2	Yoke-Linkage, Brake
13	1-303020	1	Grip-Lever
14	3290-307	2	Pin-Hair
15	322-5	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

Ref	Part No.	Qty.	Description
25	3296-1	2	Nut-Lock
26	112-9972	1	Washer-Conical



Power-Take-Off Idler and Weight Assembly

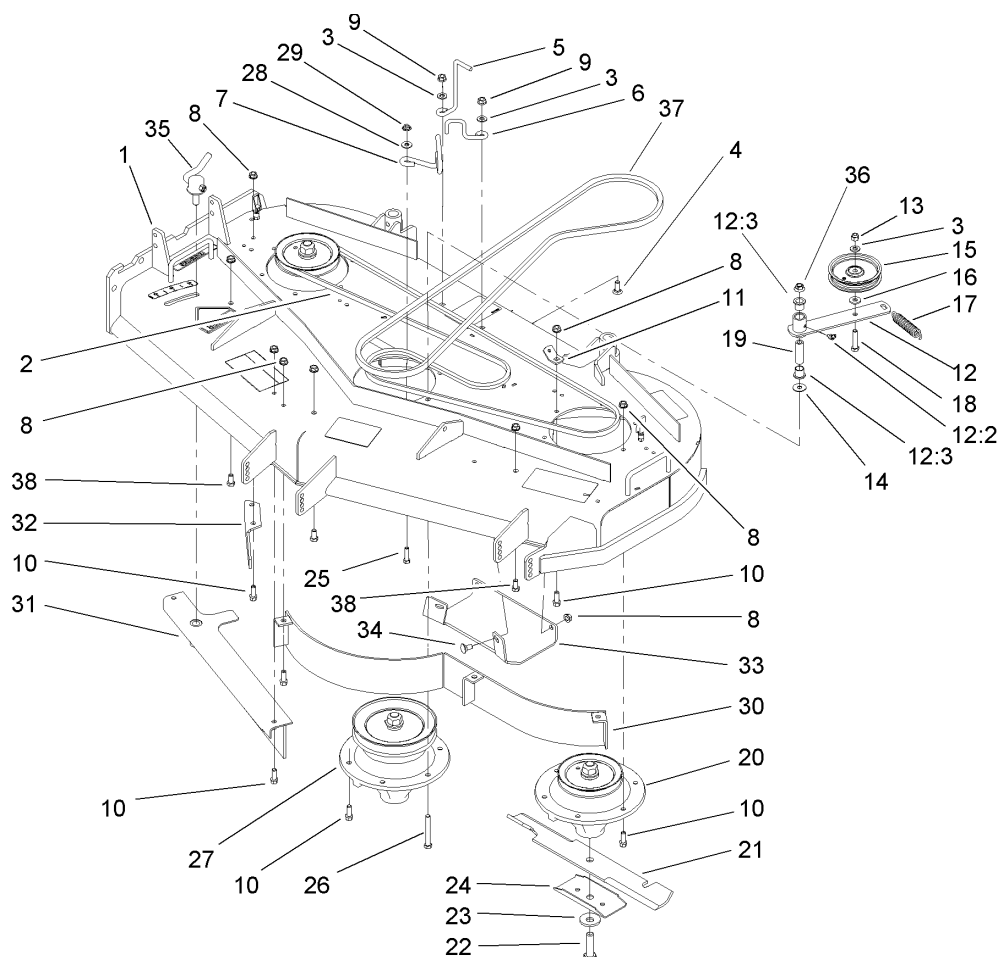
Ref	Part No.	Qty.	Description				
2	3296-39	1	Nut-Lock, NI				
4	52-2860	3	Washer				
5	104-6377	1	Tube-Idler				
6	108-2734	1	Idler Arm ASM				
6:1	1-513034	2	Sleeve-Bearing				
6:2	302-5	1	Fitting-Grease				
7	323-42	1	Screw-HH				
8	323-6	1	Screw-HH				
9	98-5975	1	Washer-Belleville				
10	3256-24	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

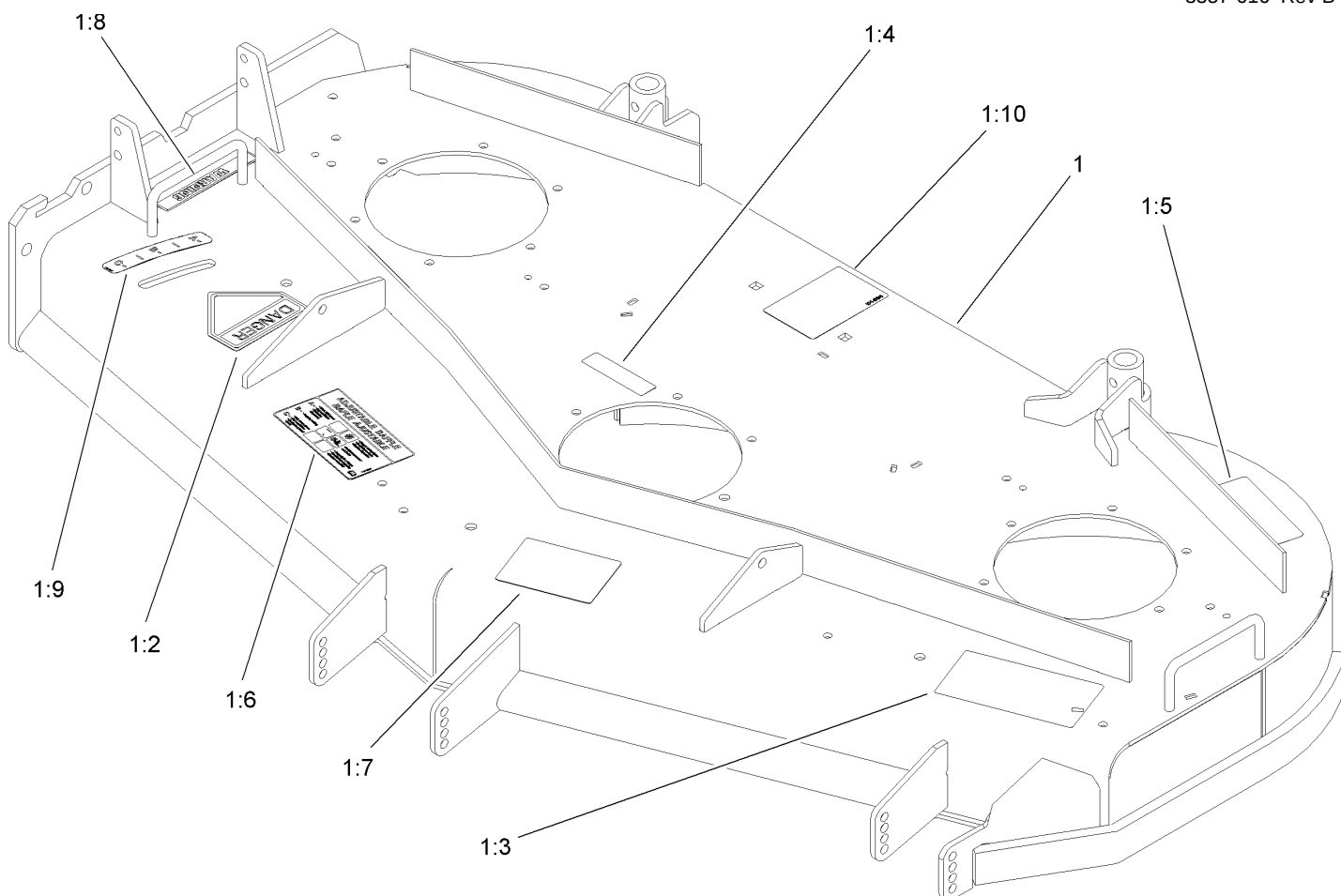
Ref	Part No.	Qty.	Description
1	108-2665	1	Carrier Frame ASM
1:2	32148-9	2	Insert-Nut
1:3	94-1291	4	Bushing
1:4	302-5	2	Fitting-Grease
2	108-6625	1	Cover-Carrier Frame
3	110-6921	1	Decal-Turbo Force
4	1-804254	3	Nut
5	106-6778	3	Bushing-Latch, Swell
6	99-3058	3	Washer
7	106-6777	3	Handle-Latch, Swell
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-Drive, Blade
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

Ref	Part No.	Qty.	Description
20	100-6453	2	Bushing-Spanner
21	325-19	2	Screw-HH
22	283-71	2	Pin-Lynch
23	3-6781	8	Washer-Thrust



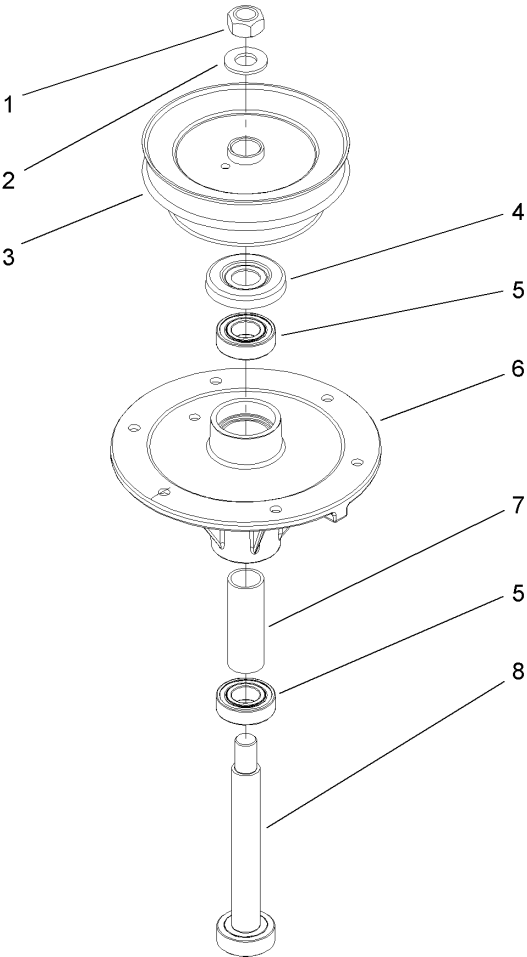
Deck Drive and Baffle Assembly

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-Hi Flow				
22	51-4060	3	Screw-Blade				



Deck Assembly No. 112-7083

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

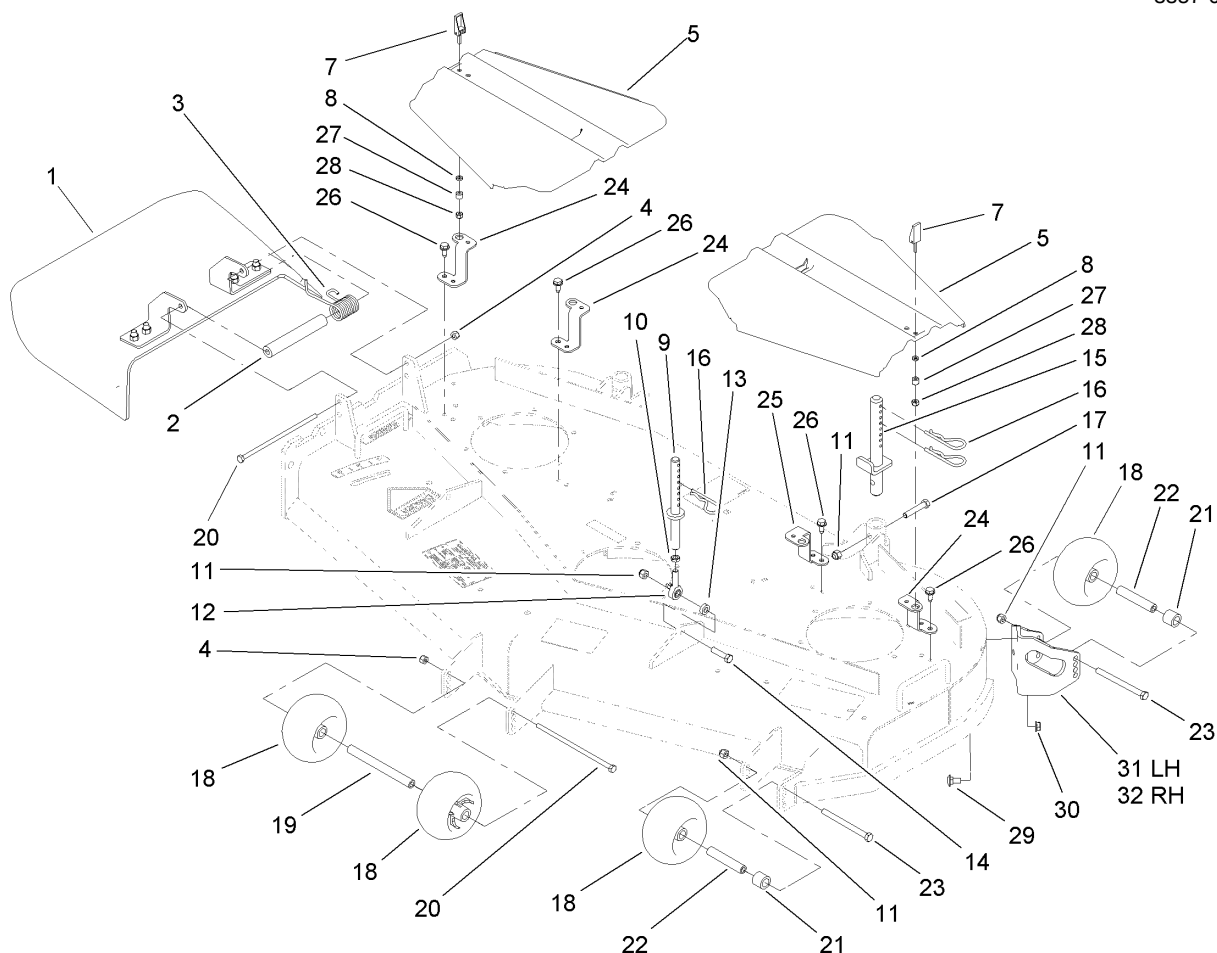


Spindle Assembly No. 110-0730

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				

Lever Assembly No. 107-1664

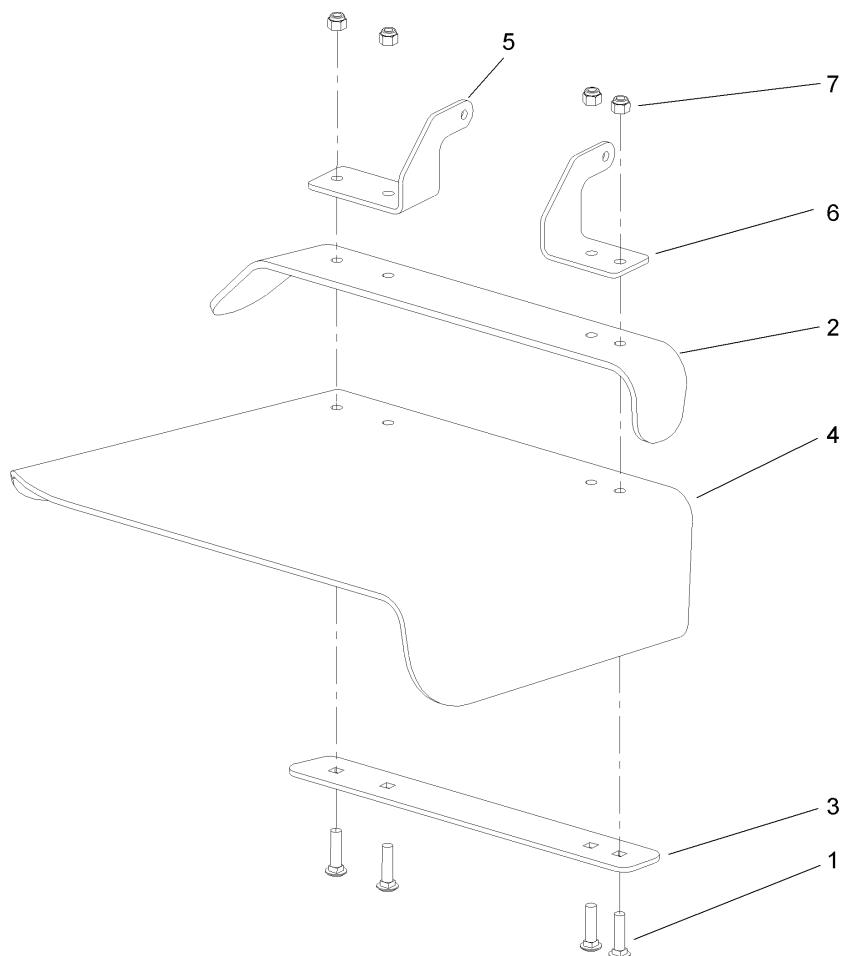
Ref	Part No.	Qty.	Description
1	106-3239	1	Screw-Lock
2	107-1644	1	Cap-Lock
3	106-3241	1	Lever-Lock
4	3296-29	1	Nut-Lock, NI



Deck Assembly

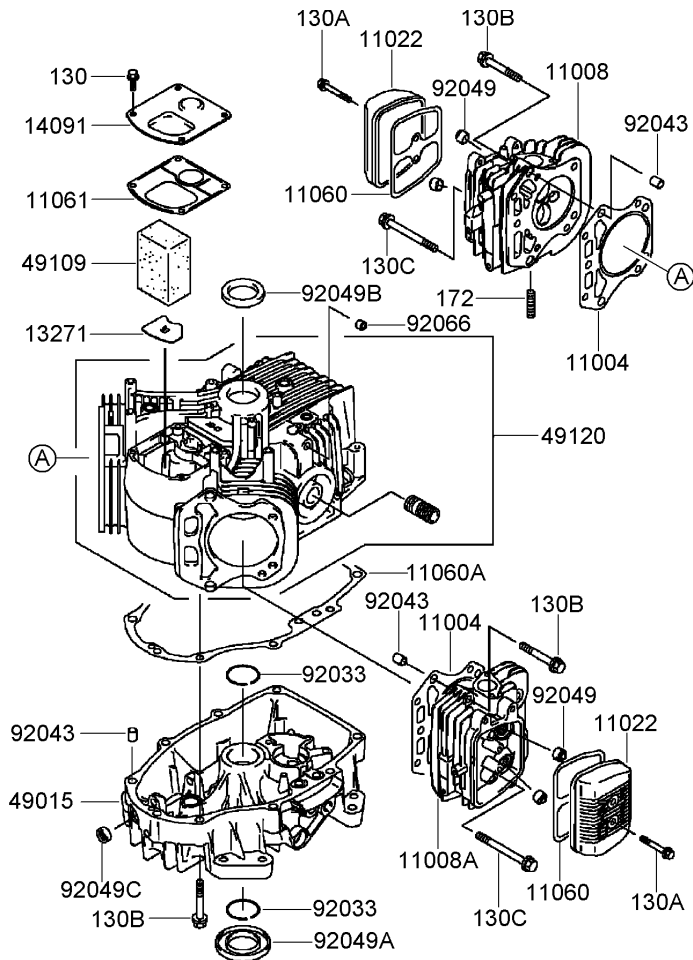
Ref	Part No.	Qty.	Description
1	110-0758	1	Deflector ASM
2	105-4622	1	Spacer
3	104-8554	1	Spring-Torsion
4	3296-29	2	Nut-Lock, NI
5	107-8536	2	Cover-Belt
7	106-6777	2	Handle-Latch, Swell
8	99-3058	2	Washer
9	108-2674	2	Front Pin ASM
10	3220-3	2	Nut-HJ
11	3296-39	7	Nut-Lock, NI
12	1-613204	2	Balljoint
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

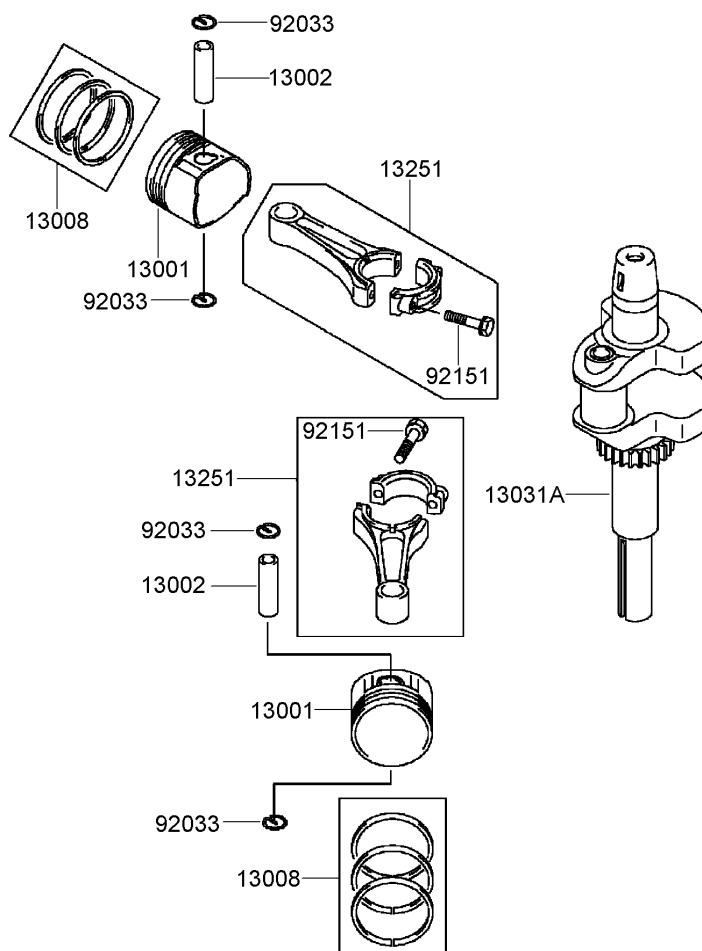
Ref	Part No.	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	110-0759	1	Deflector-Rubber
5	107-4197-01	1	Bracket-Hinge, Rear
6	107-4196-01	1	Bracket-Hinge, Front
7	3296-39	4	Nut-Lock, NI



Cylinder and Crankcase Assembly

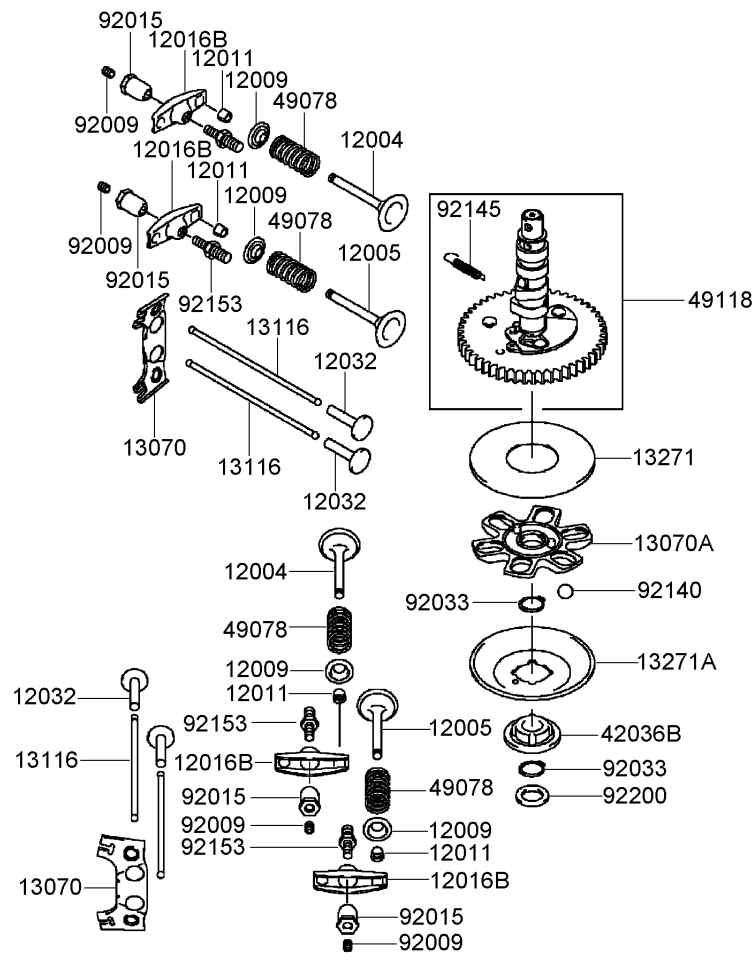
Kawasaki FH580V-DS28

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)				



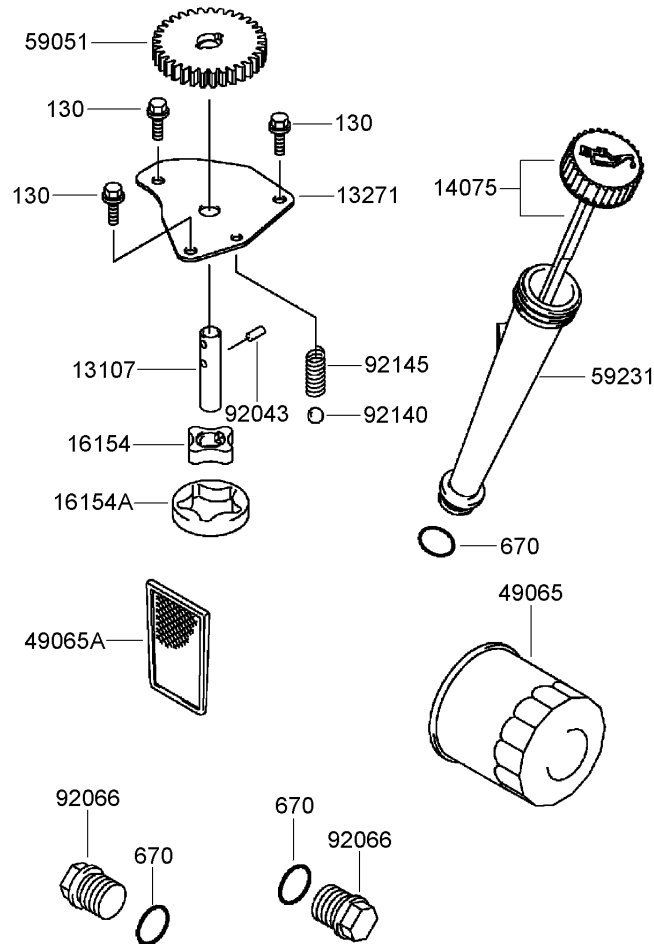
Piston and Crankshaft Assembly Kawasaki FH580V-DS28

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)				



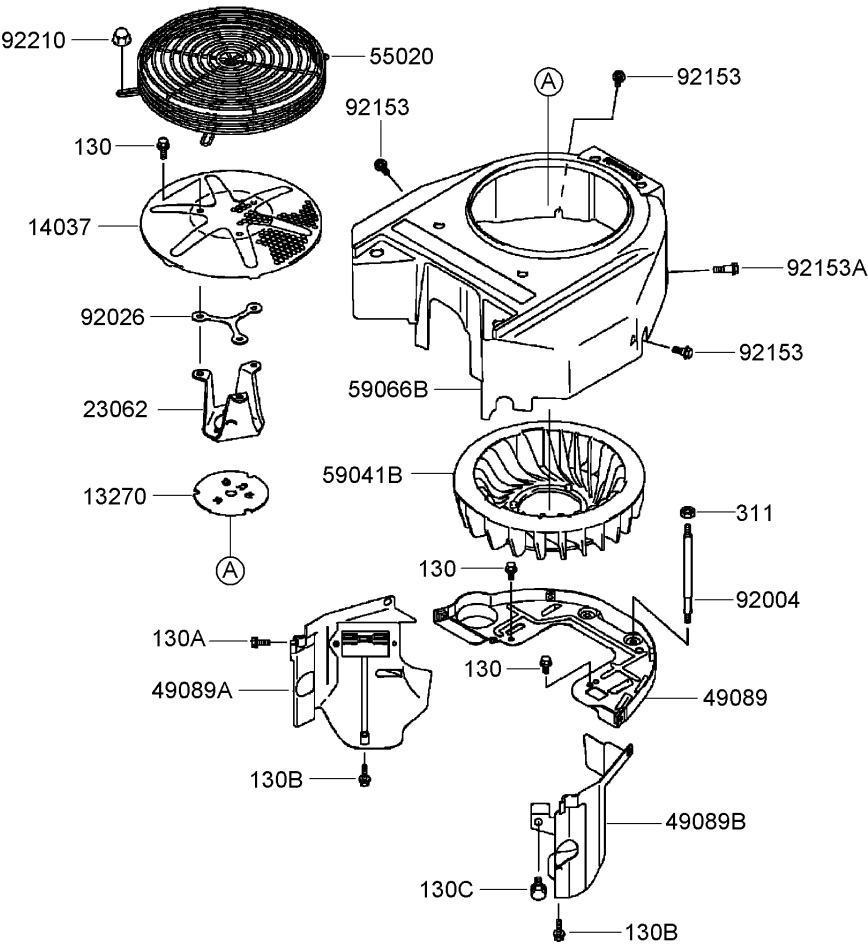
Valve and Camshaft Assembly
Kawasaki FH580V-DS28

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				



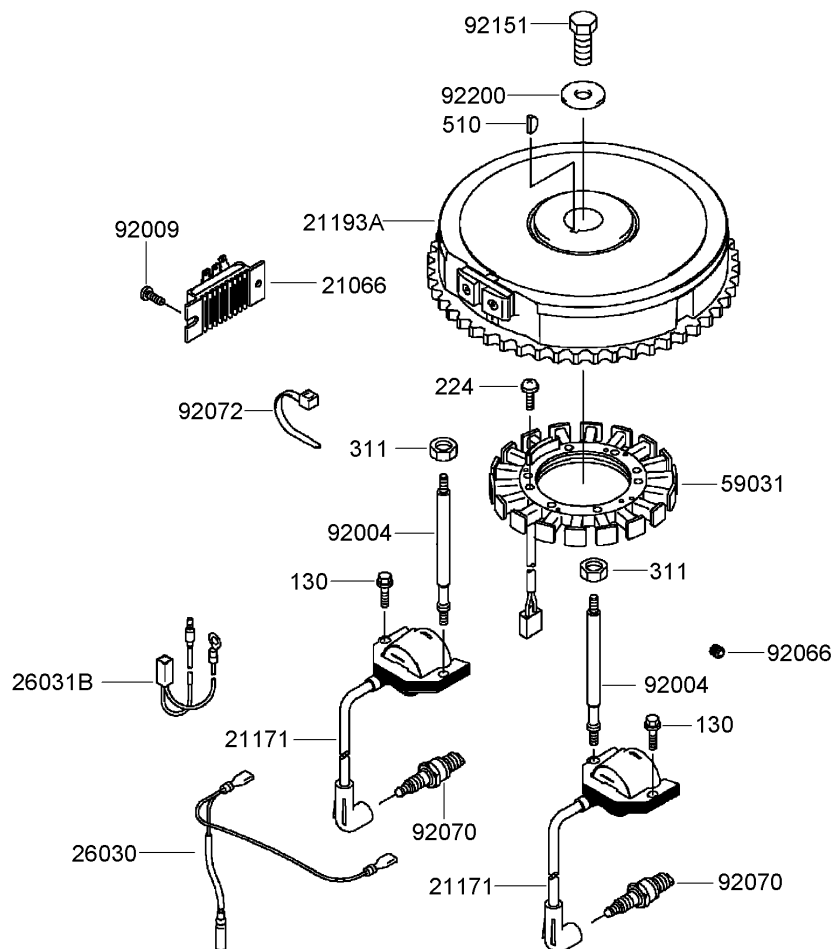
Lubrication Equipment Assembly
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
1	13107-7009	1	Shaft				
2	13271-7017	1	Plate				
3	14075-7009	1	Cap ASM				
4	16154-2053	1	Rotor-Pump (In)				
5	16154A-2054	1	Rotor-Pump (Out)				
6	49065-2078	1	Filter-Oil				
7	49065A-7004	1	Filter-Oil				
8	59051-7011	1	Gear-Spur				
9	59231-7005	1	Filler				
10	92043-7003	2	Pin				
11	92066-7003	2	Plug				
12	92140-7003	1	Ball				
13	92145-7002	1	Spring				
14	130B0612	3	Bolt-Flanged (6X12)				
15	670D2016	3	O-Ring (16Mm)				



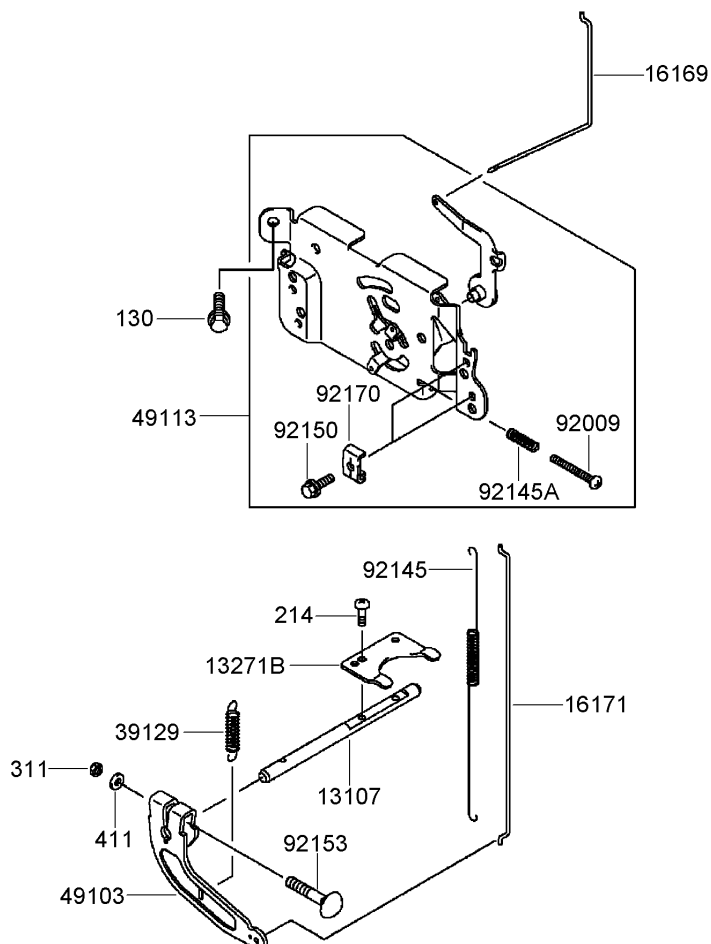
Cooling Equipment Assembly
Kawasaki FH580V-DS28

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)				



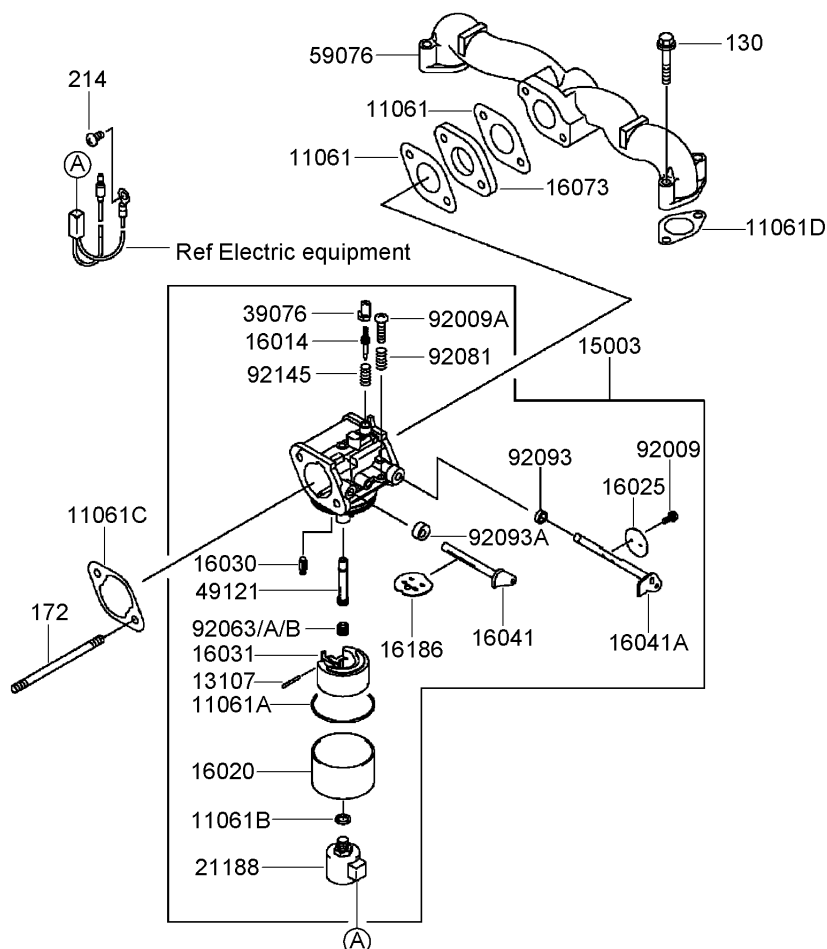
Electric Equipment Assembly Kawasaki FH580V-DS28

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



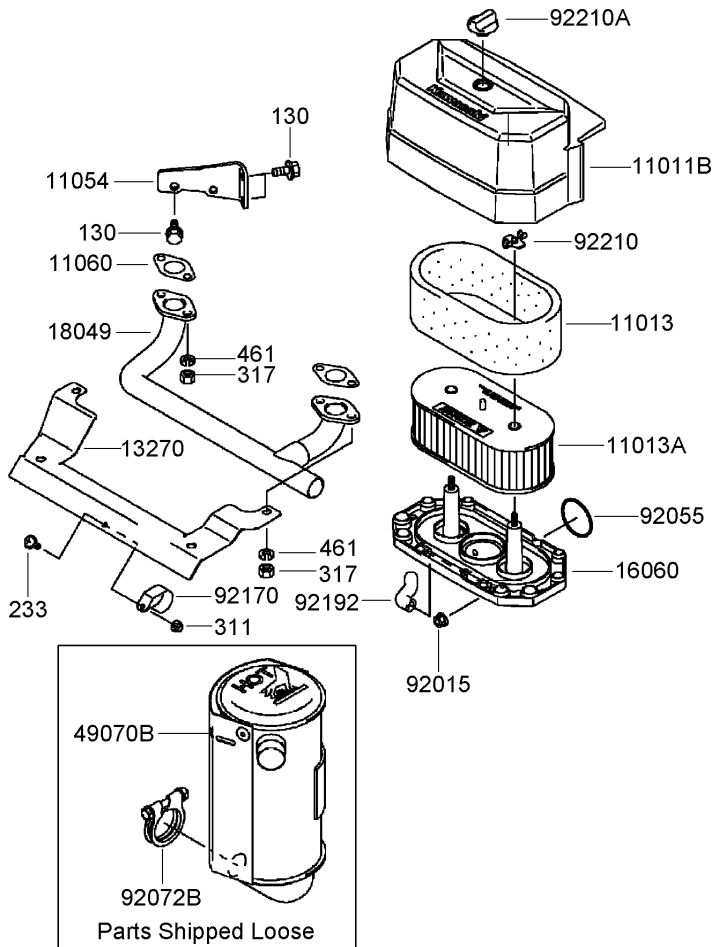
Control Equipment Assembly Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
③13107	13107-7010	1	Shaft				
③13271B	13271-7032	1	Plate				
③16169	16169-7010	1	Link-Choke				
③16171	16171-7001	1	Link				
③39129	39129-7003	1	Spring-Governor				
③49103	49103-7004	1	Arm-Governor				
③49113	49113-7024	1	Panel-Control				
③92009	92009-7007	1	Screw (4X35)				
③92145	92145-7003	1	Spring				
③92145A	92145-7005	1	Spring				
③92150	92150-2182	2	Bolt (5X18)				
③92153	92153-7033	1	Bolt (6X35)				
③92170	92170-7001	2	Clamp				
③130	130B0612	2	Bolt-Flanged (6X12)				
③214	214B0408	2	Screw-Pan (4X8)				
③311	311B0600	1	Nut-Hex (6Mm)				
③411	411B0600	1	Washer-Plain (6Mm)				



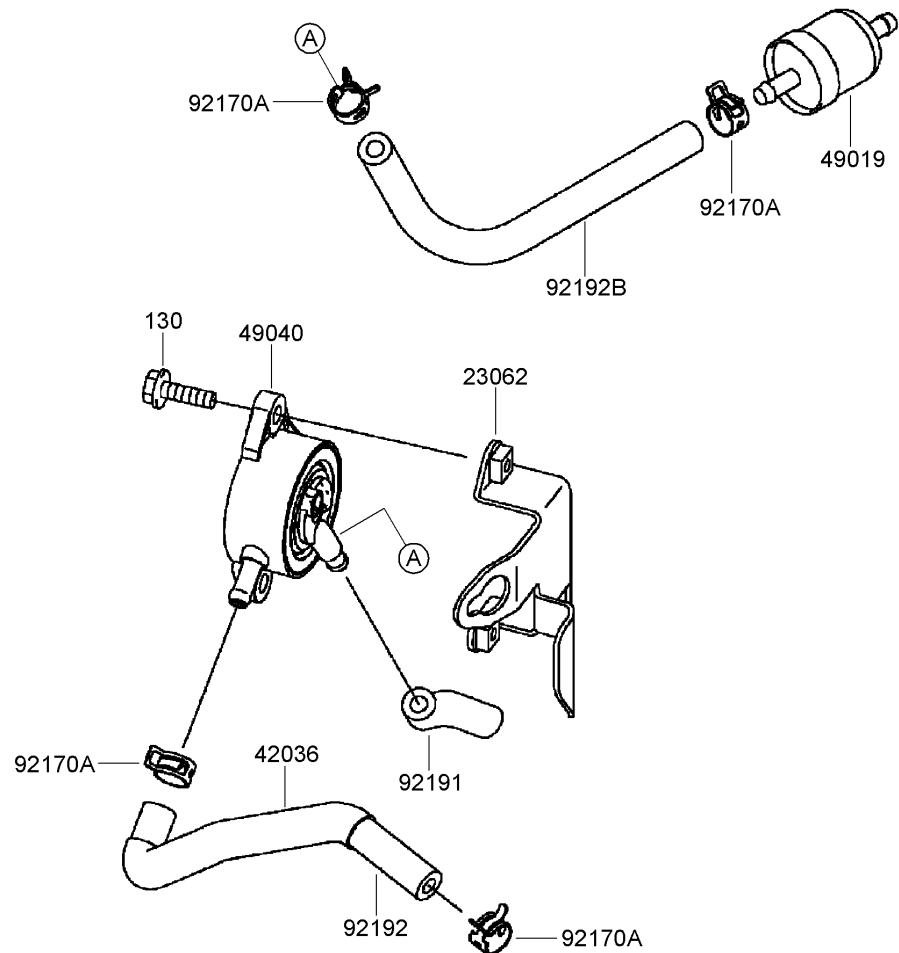
Carburetor Assembly Kawasaki FH580V-DS28

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**

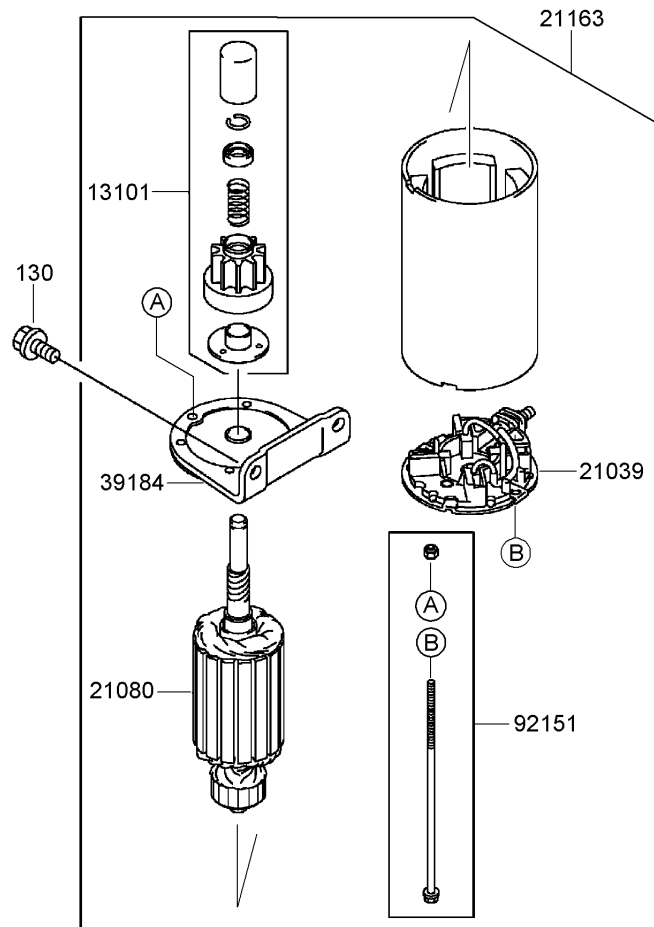
Ref	Part No.	Qty.	Description				
❸11011B	11011-7046	1	Case-Air Filter				
❸11013	11013-7025	1	Element-Filter, Air				
❸11013A	11013-7031	1	Element-Filter, Air				
❸11054	11054-7002-9H	1	Bracket				
❸11060	11060-7021	2	Gasket-Muffler				
❸13270	13270-7008	1	Plate				
❸16060	16060-7016	1	Pipe-Intake				
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 (8Mm)				
❸461	461F0800	4	Washer-Spring (8Mm)				



Fuel Tank and Valve Assembly

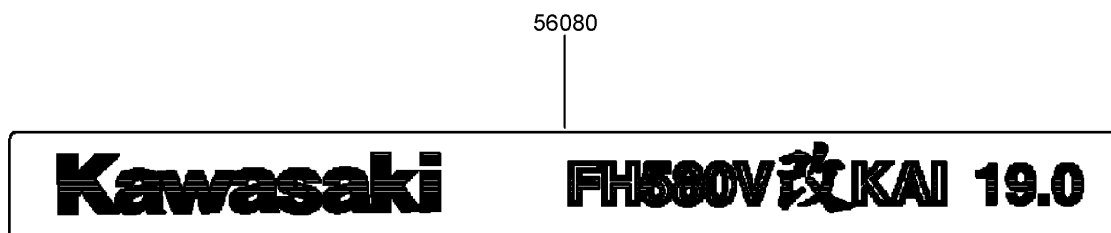
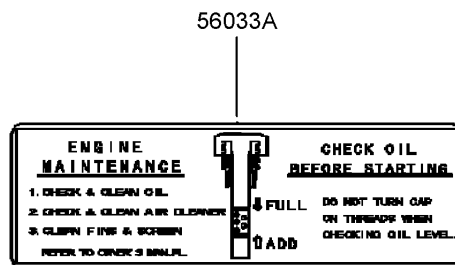
Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description				
③ 23062	23062-7004-9H	1	Bracket				
③ 42036	42036-7012	1	Sleeve				
③ 49019	49019-7001	1	Filter-Fuel				
③ 49040	49040-7001	1	Pump-Fuel				
③ 92170A	92170-2088	4	Clamp				
③ 92191	92191-7002	1	Tube				
③ 92192	92192-7035	1	Tube (6.35X12.7X170)				
③ 92192B	92192-7037	1	Tube (6.35X12.7X160)				
③ 130	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)				



Label Assembly

Kawasaki FH580V-DS28

Ref	Part No.	Qty.	Description
③56033A	56033-7003	1	Label-Manual
③56070	56070-7001	1	Label-Warning
③56080	56080-7022	1	Label-Brand

Attachments and Accessories

For 30289 - Commercial Walk-Behind Mower, Floating Deck Pistol Grip 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
52 Inch Recycler Kit	110-2040
Weight-Cast	112-7059-01
Soft Bag (3 Bushel)	30104
Tru Trak Sulky	30110

NOTES

NOTES

