Form Number 3352-290 Rev B

Precision Z320 H Riding Mower

Model No. 81230 - 250000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

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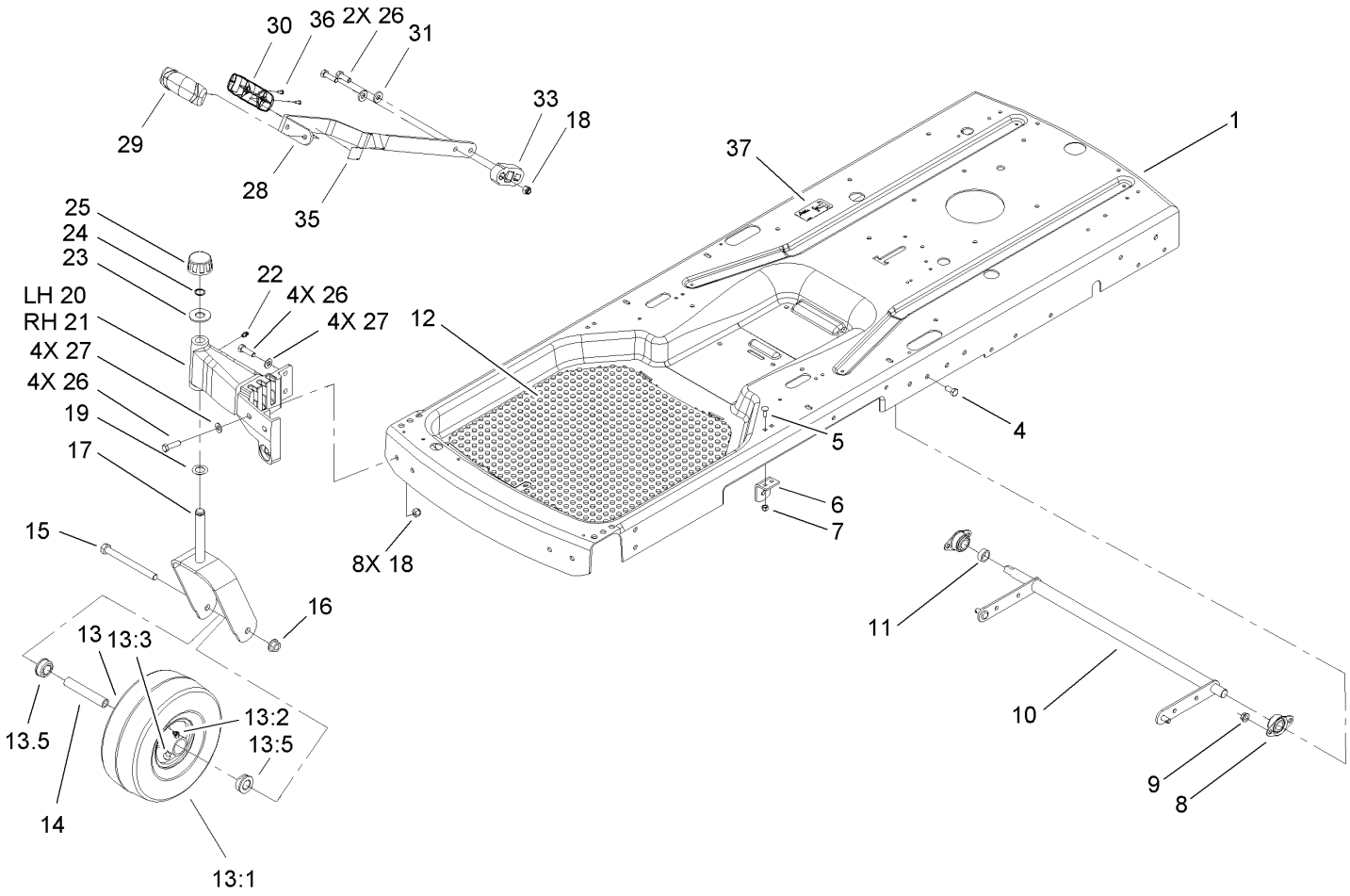
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

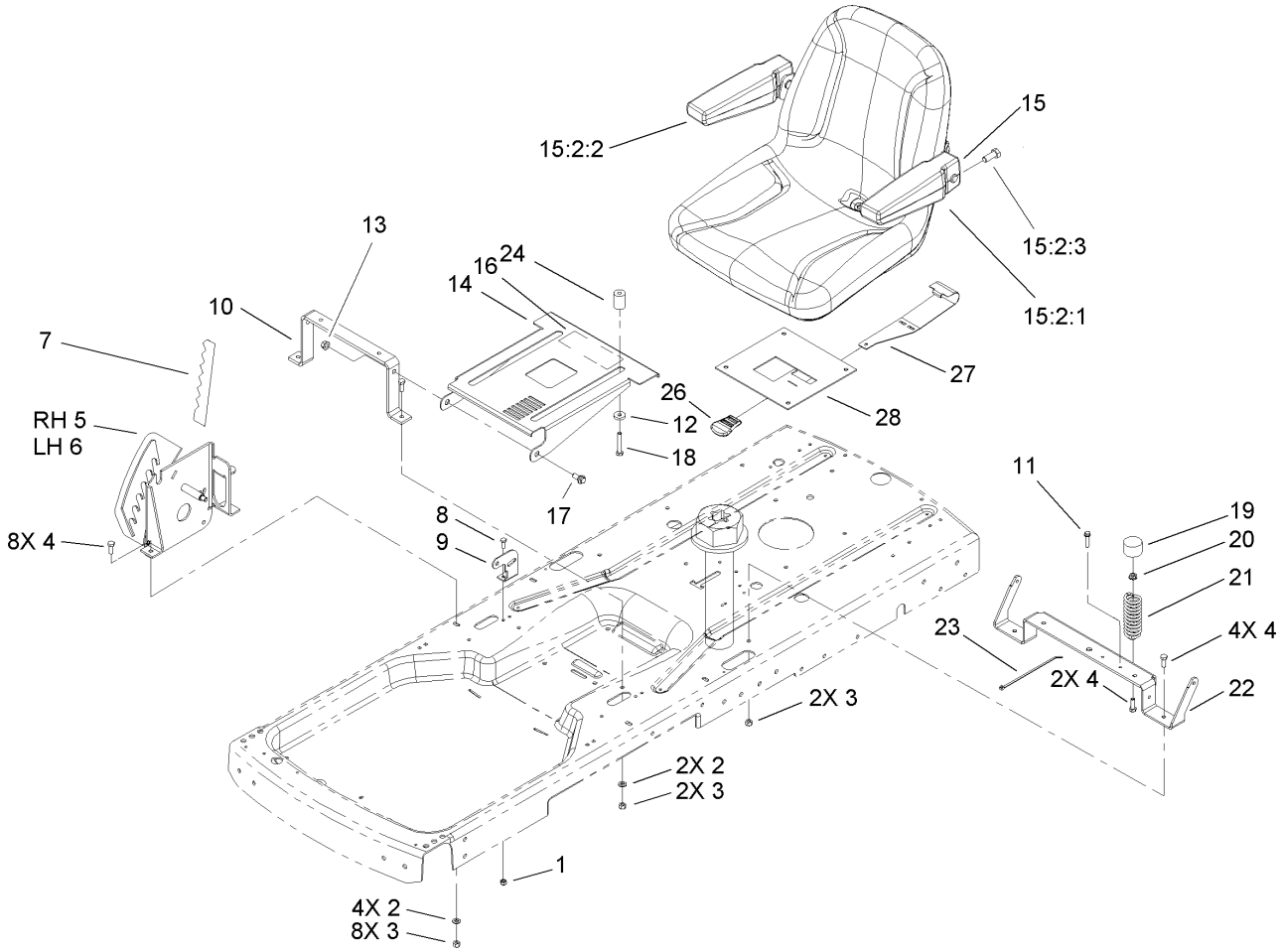
❶ Not illustrated
❷ Not serviced separately
❸ Obtain from your local Honda dealer



Front Frame Assembly

Ref	Part No.	Qty.	Description
1	108-2326	1	Frame
4	323-4	4	Screw-HH
5	3229-1	4	Screw-CARR
6	105-3439	2	Bracket-Lift
7	3296-42	4	Nut-Lock, NI
8	1-633102	2	Bearing-Flange, Side
9	3290-357	4	Nut-HHF, Whiz
10	105-3499-03	1	Lift Arm ASM
11	106-2222	1	Spacer
12	108-6161	1	Footmat-Frame
13	108-6126	2	Castor Wheel ASM
13:1	105-1943	1	Tire
13:2	302-5	1	Fitting-Grease
13:3	232-27	1	Stem-Valve
13:5	114-1640	2	Bushing-Flange
❶13:99	93-4244	1	Tube-Inner (W/Valve)
14	104-3667	2	Spanner-Wheel
15	325-22	2	Screw-HH
16	32128-23	2	Nut-HF
17	107-9119-03	2	Castor Fork ASM
18	3296-39	9	Nut-Lock, NI
19	3-6498	2	Washer-Thrust
❶20	105-6986-02	1	Castor-LH
21	105-6985-02	1	Castor-RH

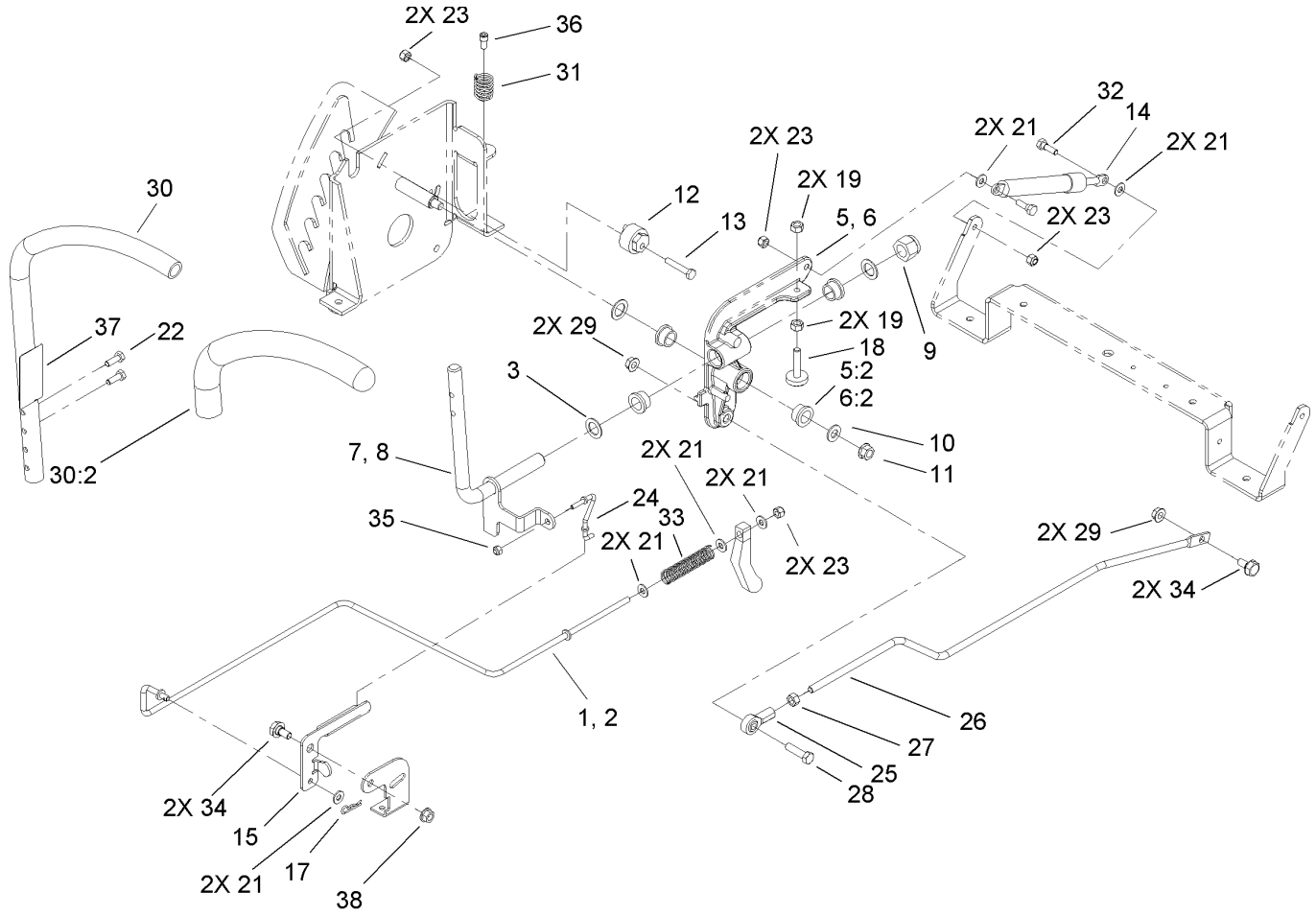
Ref	Part No.	Qty.	Description
22	302-5	2	Fitting-Grease
23	28-2480	2	Washer
24	32151-103	2	Ring-Snap
25	61-9780	2	Cap-Hub
26	323-18	10	Screw-HH
27	3256-24	8	Washer-Flat
28	108-2317-03	1	Lever-Lift
29	108-2318	1	Handle-Top
30	108-2319	1	Handle-Bottom
31	98-5975	2	Washer-Belleville
33	106-2211	1	Block-Lift
35	106-8743	1	Decal
36	94-6961	2	Screw
37	108-6109	1	Decal-Transport, Ce



Seat Assembly

Ref	Part No.	Qty.	Description
1	3296-42	4	Nut-Lock, NI
2	3256-23	6	Washer-Flat
3	3296-29	12	Nut-Lock, NI
4	322-4	14	Screw-HH
5	106-2158-03	1	RH Plate ASM
6	106-2159-03	1	LH Plate ASM
7	108-2392	1	Decal-HOC
8	321-4	4	Screw-HH
9	106-2180	2	Bracket-Bellcrank
10	105-6954-03	1	Brace-Seat, Front
11	32144-86	2	Screw-HWHTF
12	108-2353	4	Spacer
13	32128-21	2	Nut-HF
14	108-2303-03	1	Bracket-Seat
15	106-6446	1	Seat ASM
15:2:1	108-6177	1	LH Armrest ASM
15:2:2	108-6178	1	RH Armrest ASM
15:2:3	108-6179	6	Screw-HSBH
16	106-8716	1	Decal-Services
17	94-7582	2	Bolt-Shoulder
18	322-11	4	Screw-HH
19	701178	2	Cap-Protector
20	32128-25	2	Nut-HF
21	92-7054	2	Spring-Compression

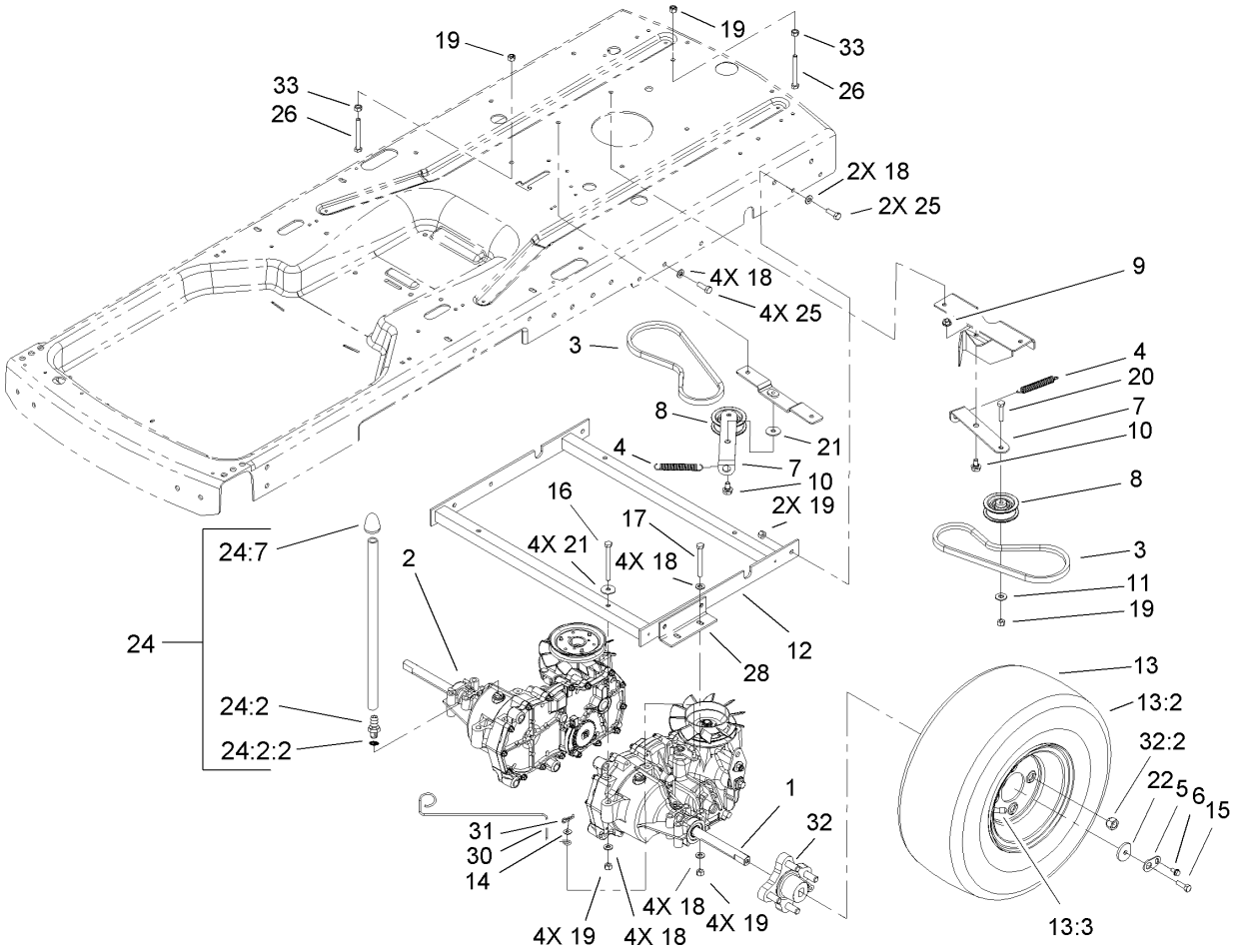
Ref	Part No.	Qty.	Description
22	108-2358-03	1	Brace-Seat, Rear
23	614249	2	Strap-Tie
24	108-2301	4	Spacer
26	107-1904	1	Knob-Lever, HOC
27	108-2302	1	Latch-Seat
28	108-7175-03	1	Mount-Latch, Seat



Control Assembly

Ref	Part No.	Qty.	Description
1	105-7045	1	Rod-Brake, LH
2	105-7044	1	Rod-Brake, RH
3	105-3481	6	Washer-Thrust
❶5	107-4909	1	LH Activator Arm ASM
❶5:2	105-3455	4	Bushing
6	107-4910	1	RH Activator Arm ASM
6:2	105-3455	4	Bushing
❶7	105-3488	1	LH Pivot Shaft ASM
8	105-3487	1	RH Pivot Shaft ASM
9	3296-53	2	Nut-Lock, NI
10	3256-24	2	Washer-Flat
11	3296-59	2	Nut-Lock, NI
12	107-4874	2	Eccentric
13	321-9	2	Screw-HH
14	103-2913	2	Damper-Control, Motion
15	106-2181	2	Bellcrank
17	1-806003	2	Pin-Hair
18	105-3486	2	Stop-Adjustment
19	3217-6	4	Nut-Hex
21	3256-22	12	Washer-Flat
22	321-4	4	Screw-HH
23	3296-42	8	Nut-Lock, NI
24	106-2179	2	Link-Brake
25	1-543017	2	Balljoint-RH

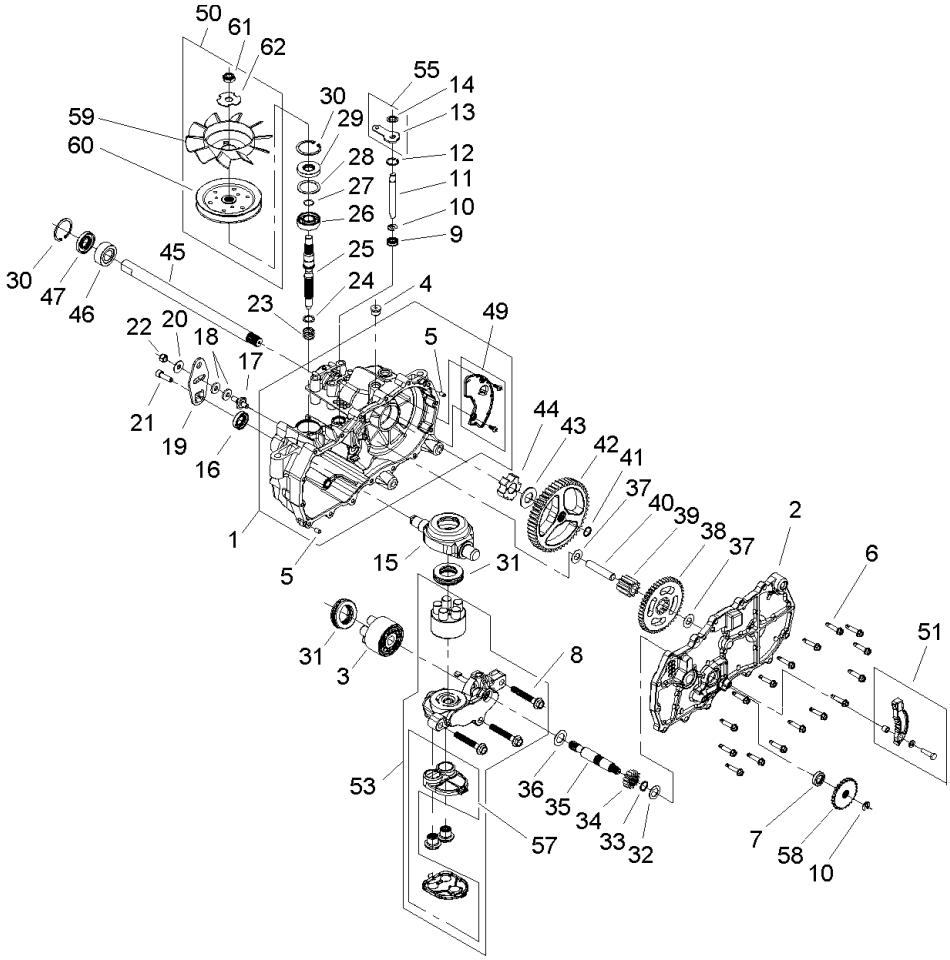
Ref	Part No.	Qty.	Description
26	105-7048	2	Rod-Hydro
27	3219-2	2	Nut-Hex
28	322-6	2	Screw-HH
29	32128-20	4	Nut-HF
30	108-6117	2	Handle ASM
30:2	108-6187	1	Grip
31	105-3469	2	Spring-Compression
32	106-2214	4	Bolt-Shoulder
33	105-3465	2	Spring-Compression
34	37-8771	4	Bolt-Shoulder
35	3296-2	2	Nut-Lock
36	3274-52	2	Screw-HSH
37	106-8742	2	Decal
38	32128-25	2	Nut-HF



Hydro and Belt Drive Assembly

Ref	Part No.	Qty.	Description
1	108-2394	1	Transaxle-Hydro, LH
2	108-2393	1	Transaxle-Hydro, RH
3	106-2174	2	V-Belt
4	95-3805	2	Spring
5	105-3438	2	Tab-Locking
6	3234-13	2	Screw-HHF
7	105-7047	2	Arm-Idler
8	106-2176	2	Pulley-Idler
9	32128-25	1	Nut-HF
10	37-8770	2	Bolt-Shoulder
11	3256-3	2	Washer-Flat
12	107-4878-03	1	Hydro Mount ASM
13	108-6127	2	Wheel And Tire ASM
13:2	105-3496	1	Tire
13:3	232-27	1	Stem-Valve
❶13:99	107-2491	1	Tube-Tire
14	3256-1	2	Washer-Flat
15	3210-5	2	Screw-HH
16	322-20	4	Screw-HH
17	322-13	4	Screw-HH
18	3256-23	18	Washer-Flat
19	3296-29	18	Nut-Lock, NI
20	322-7	2	Screw-HH
21	5-4460	5	Washer-Pivot

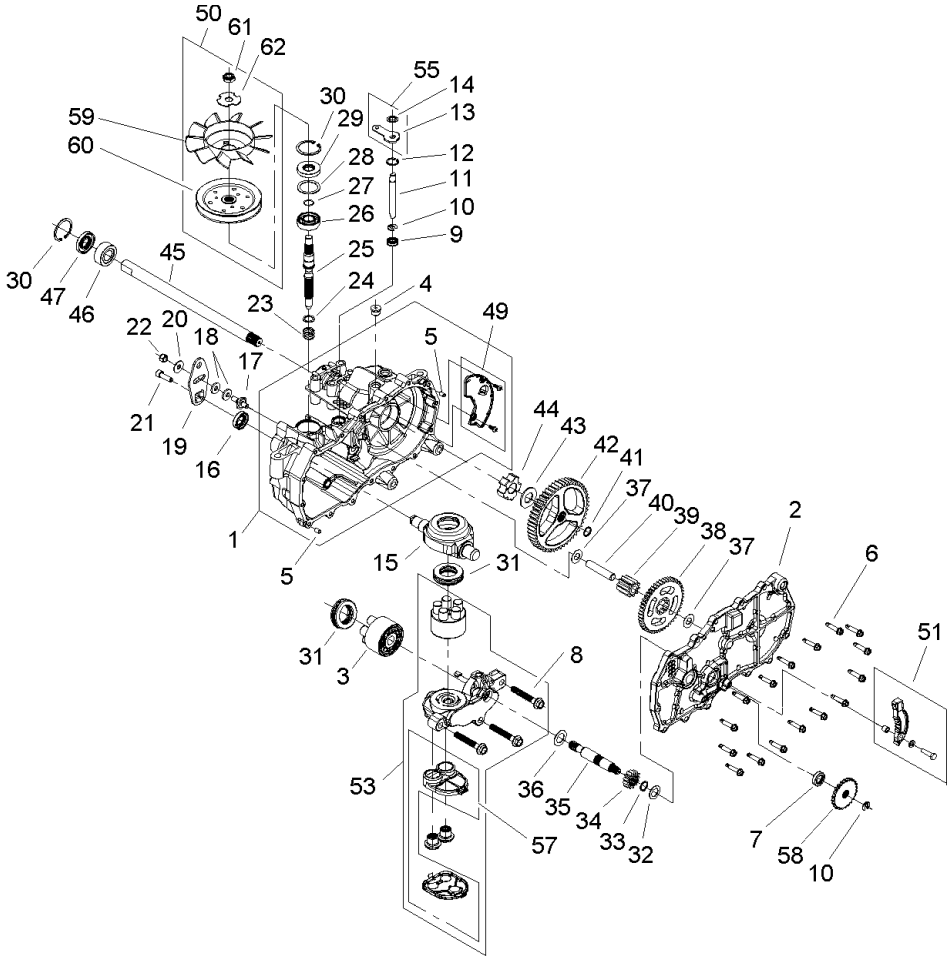
Ref	Part No.	Qty.	Description
22	106-7001	2	Washer-Wheel
24	106-7002	2	Vent Hose ASM
24:2	93-3818	1	Fitting ASM
24:2:2	93-3816	1	O-Ring
24:7	107-1701	1	Cap Vent ASM
25	322-5	6	Screw-HH
26	322-13	2	Screw-HH
28	105-7039-03	2	Support-Hydro
30	107-4875	2	Rod-Bypass
31	1-806003	2	Pin-Hair
32	108-9533	1	Hub ASM
32:2	242-50	4	Nut-Lug
33	3217-6	2	Nut-Hex



LH Hydro Transaxle Assembly No. 108-2394

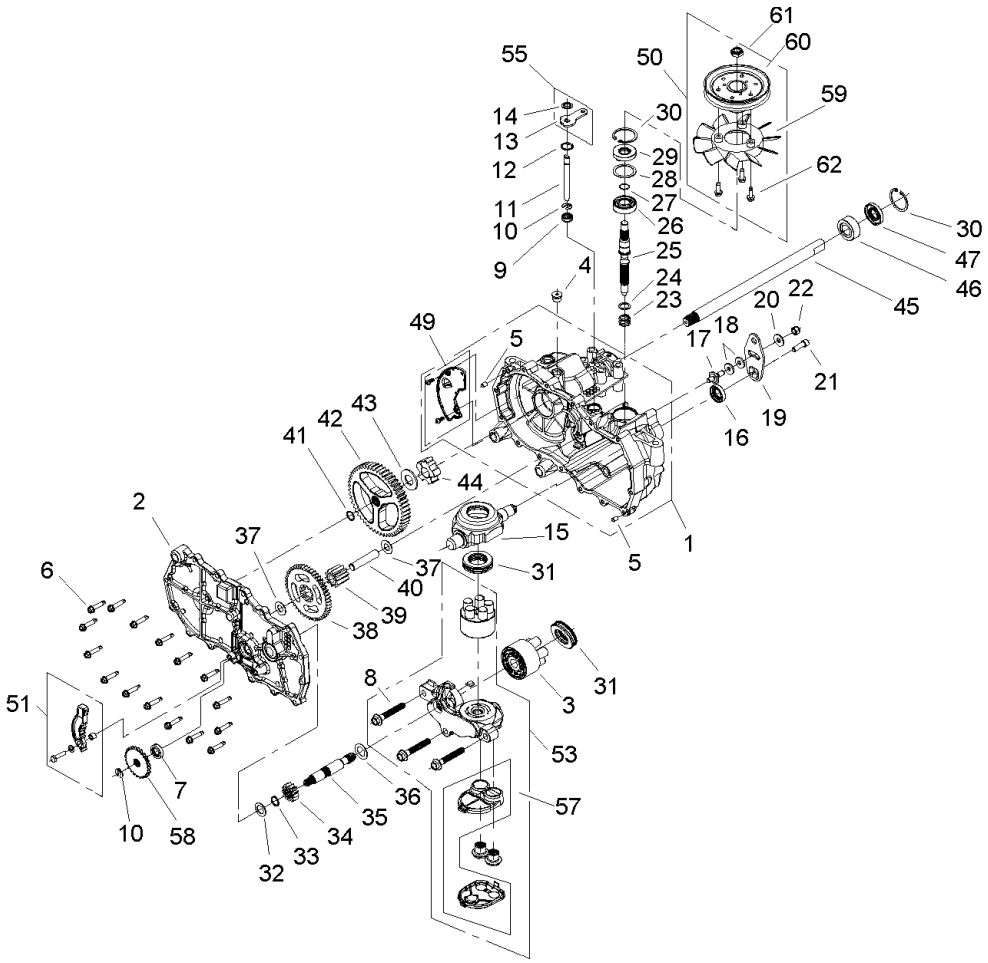
Ref	Part No.	Qty.	Description
1	106-8695	1	RH Main Housing ASM
2	106-8696	1	RH Side ASM
3	104-2106	1	Cylinder Block ASM
4	104-2189	1	Plug-Thread, Straight
5	104-2170	2	Pin
6	104-5305	16	Screw-HHF
7	104-5347	1	Seal-Oil
8	94-6926	3	Bolt
9	106-8676	1	Seal-Lip
10	106-8677	2	Ring-Retaining, EXT
11	106-8678	1	Rod-Bypass
12	106-8679	1	Ring-Retaining, Int
13	107-2490	1	Arm-Bypass
14	106-8681	1	Ring-Retaining, EXT
15	104-5304	1	Swashplate-Trunnion
16	104-5313	1	Seal-Lip
17	104-2116	1	Stud
18	105-1873	2	Puck-Friction
19	106-8747	1	Arm-Control
20	5-4460	1	Washer-Pivot
21	107-2488	1	Screw
22	105-1872	1	Nut
23	94-1936	1	Spring-Block
24	94-1937	1	Washer-Block, Thrust

Ref	Part No.	Qty.	Description
25	104-5306	1	Shaft-Input
26	104-5311	1	Bearing-Ball
27	104-5307	1	Ring-Retaining
28	104-5308	1	Spacer
29	104-5310	1	Seal-Lip
30	104-5309	2	Ring-Retaining
31	94-6922	2	Bearing-Thrust
32	104-5339	1	Washer-Flat
33	104-5340	1	Ring-Retaining
34	104-5316	1	Gear-Pinnion, 13T
35	106-8683	1	Shaft-Motor
36	104-5360	1	Washer-Shaft, Motor
37	94-1933	2	Washer
38	104-5317	1	Gear
39	104-5318	1	Gear-Jackshaft, 10T
40	104-5329	1	Pin-Jackshaft
41	104-5328	1	Ring-Retaining, Spiral
42	106-8684	1	Gear-Bull, 52T
43	94-1943	1	Washer
44	104-5320	1	Bearing-Sleeve
45	106-8685	1	Axle
46	104-5321	1	Bearing-Sleeve, Outboard
47	104-5322	1	Seal-Lip
❶48	106-8686	1	Seal Kit



LH Hydro Transaxle Assembly No. 108-2394 (continued)

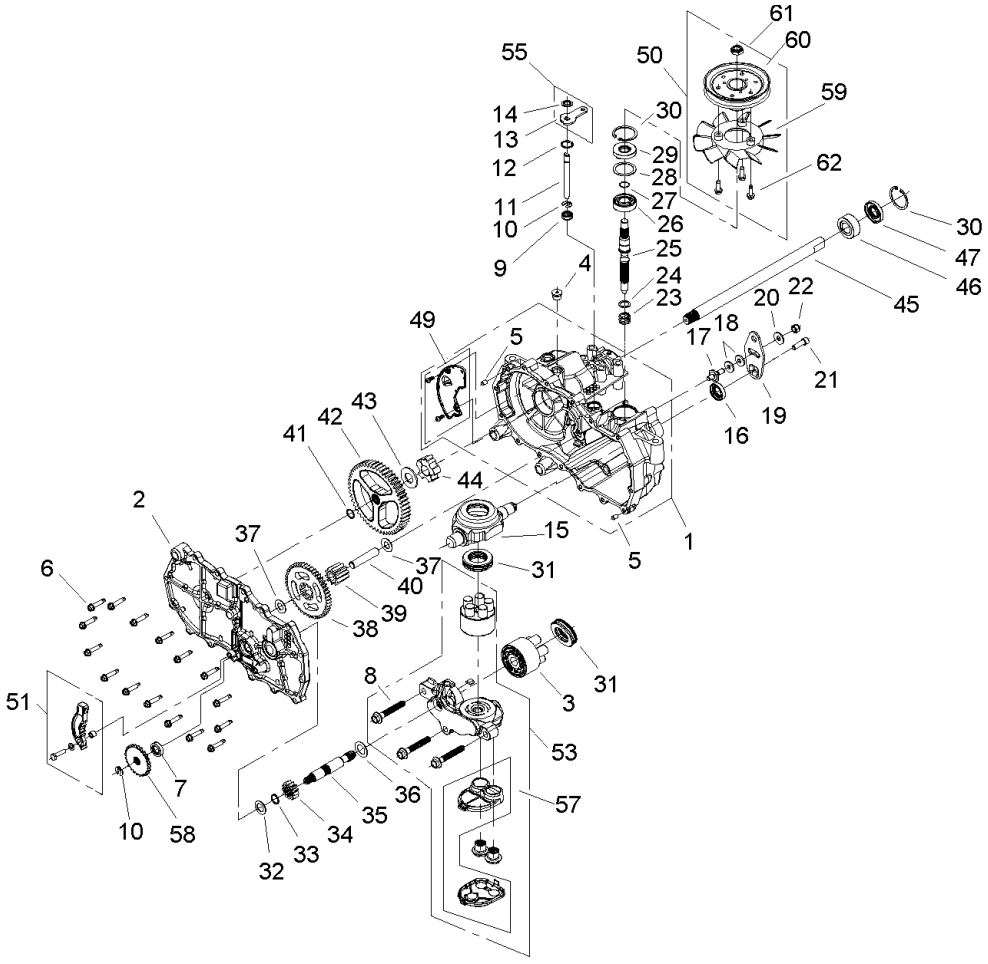
Ref	Part No.	Qty.	Description
49	106-8697	1	RH Expansion Plate Kit
50	106-8698	1	Fan Pulley Kit
51	106-8688	1	Brake Arm Kit
53	108-6190	1	RH 7-Piston Center Section Kit
❶54	104-2147	1	Sealant
55	107-2489	1	Bypass Arm Kit
57	106-8693	1	Filter Kit
58	106-8694	1	Disc-Brake, Cog
59	110-8566	1	Fan-6 Inch, 10 Blade
60	104-1754	1	Pulley
61	105-1875	1	Nut-Lock
62	107-9122	3	Washer-Slotted



RH Hydro Transaxle Assembly No. 108-2393

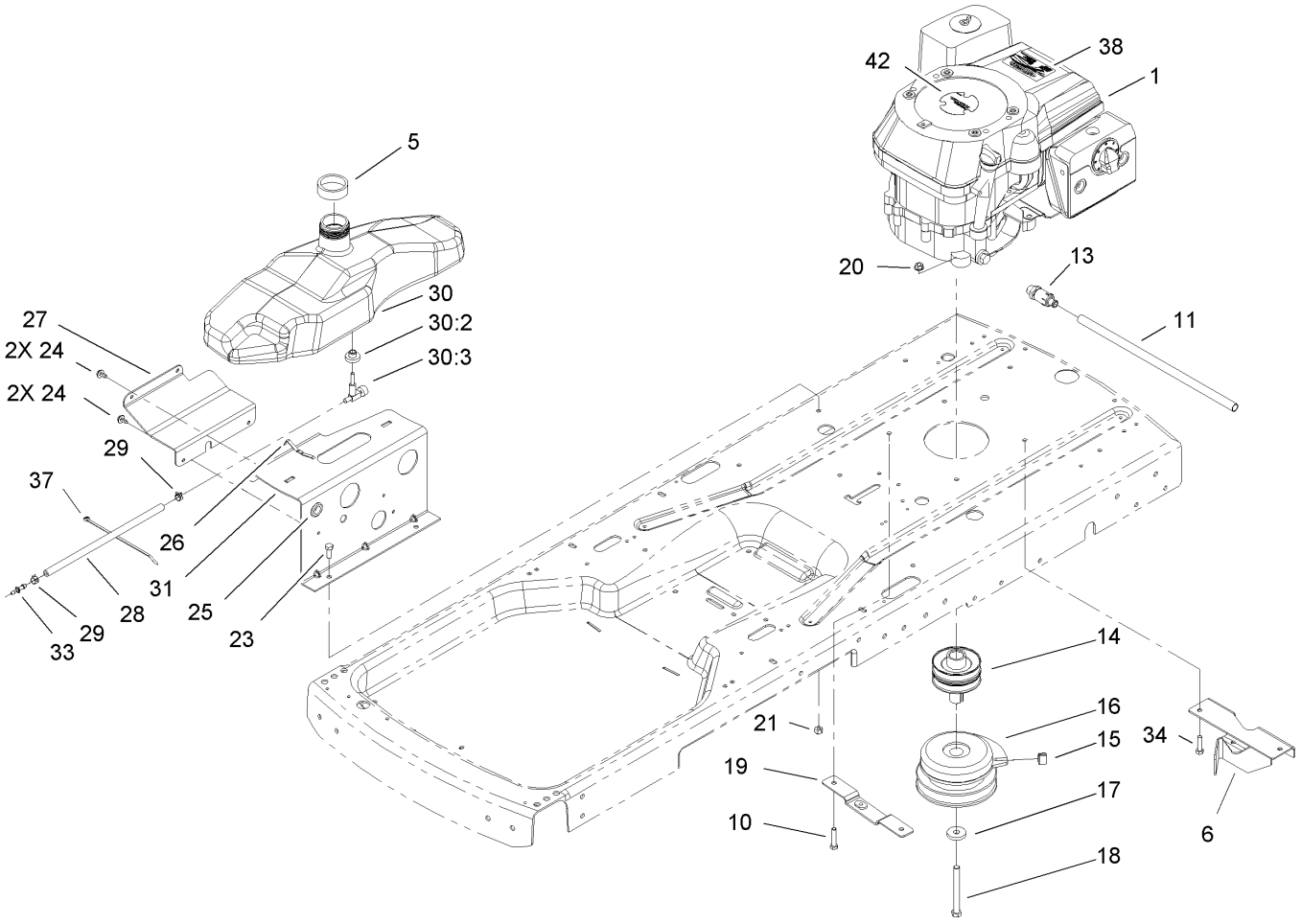
Ref	Part No.	Qty.	Description
1	106-8674	1	LH Main Housing ASM
2	106-8675	1	LH Side ASM
3	104-2106	1	Cylinder Block ASM
4	104-2189	1	Plug-Thread, Straight
5	104-2170	2	Pin
6	104-5305	16	Screw-HHF
7	104-5347	1	Seal-Oil
8	94-6926	3	Bolt
9	106-8676	1	Seal-Lip
10	106-8677	2	Ring-Retaining, EXT
11	106-8678	1	Rod-Bypass
12	106-8679	1	Ring-Retaining, Int
13	107-2490	1	Arm-Bypass
14	106-8681	1	Ring-Retaining, EXT
15	104-5304	1	Swashplate-Trunnion
16	104-5313	1	Seal-Lip
17	104-2116	1	Stud
18	105-1873	2	Puck-Friction
19	106-8747	1	Arm-Control
20	5-4460	1	Washer-Pivot
21	107-2488	1	Screw
22	105-1872	1	Nut
23	94-1936	1	Spring-Block
24	94-1937	1	Washer-Block, Thrust

Ref	Part No.	Qty.	Description
25	104-5306	1	Shaft-Input
26	104-5311	1	Bearing-Ball
27	104-5307	1	Ring-Retaining
28	104-5308	1	Spacer
29	104-5310	1	Seal-Lip
30	104-5309	2	Ring-Retaining
31	94-6922	2	Bearing-Thrust
32	104-5339	1	Washer-Flat
33	104-5340	1	Ring-Retaining
34	104-5316	1	Gear-Pinnion, 13T
35	106-8683	1	Shaft-Motor
36	104-5360	1	Washer-Shaft, Motor
37	94-1933	2	Washer
38	104-5317	1	Gear
39	104-5318	1	Gear-Jackshaft, 10T
40	104-5329	1	Pin-Jackshaft
41	104-5328	1	Ring-Retaining, Spiral
42	106-8684	1	Gear-Bull, 52T
43	94-1943	1	Washer
44	104-5320	1	Bearing-Sleeve
45	106-8685	1	Axle
46	104-5321	1	Bearing-Sleeve, Outboard
47	104-5322	1	Seal-Lip
❶48	106-8686	1	Seal Kit



RH Hydro Transaxle Assembly No. 108-2393 (continued)

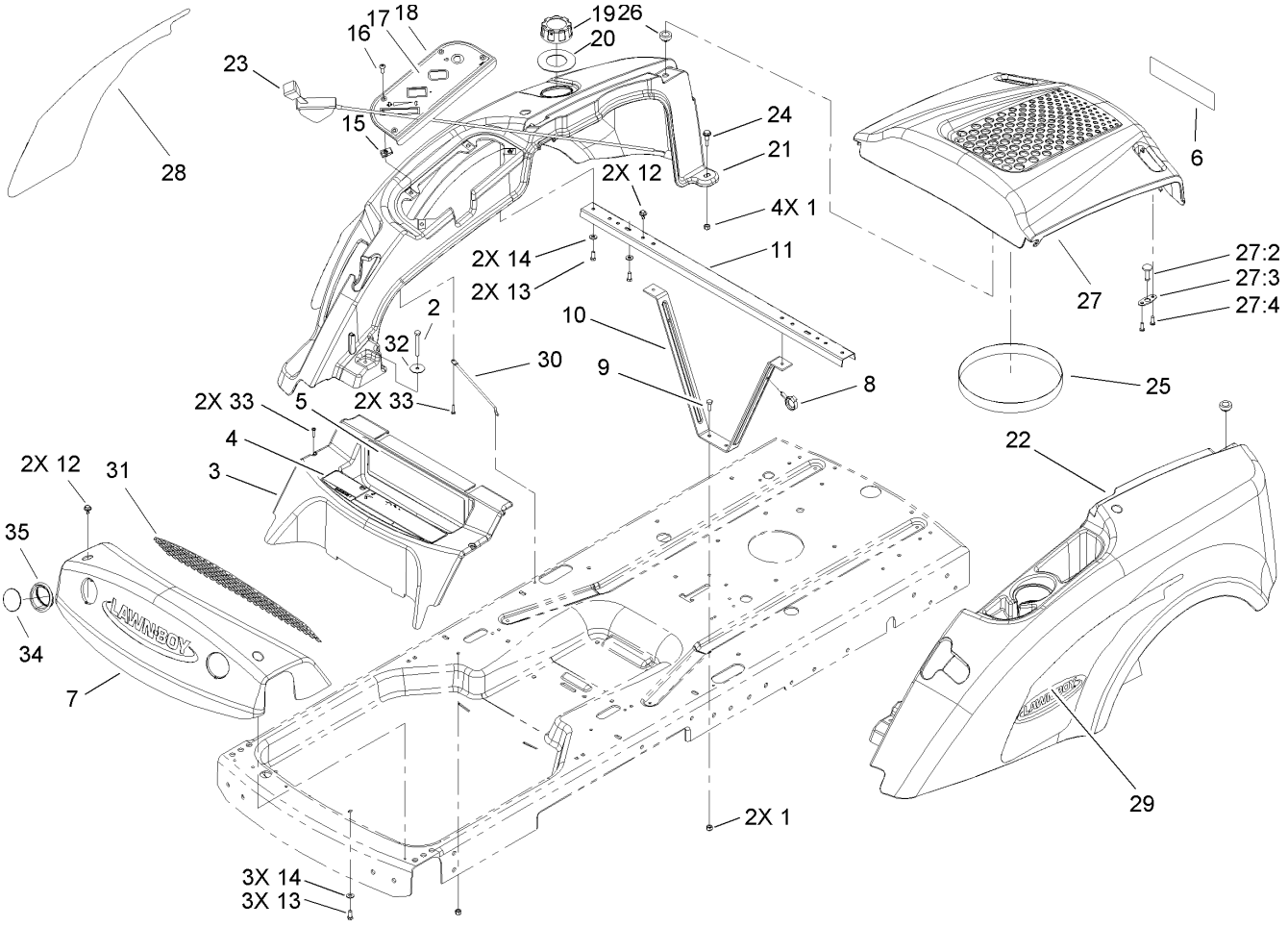
Ref	Part No.	Qty.	Description
49	106-8687	1	LH Expansion Plate Kit
50	105-1928	1	Fan Pulley Kit
51	106-8688	1	Brake Arm Kit
53	108-6189	1	LH 7-Piston Center Section Kit
❶54	104-2147	1	Sealant
55	107-2489	1	Bypass Arm Kit
57	106-8693	1	Filter Kit
58	106-8694	1	Disc-Brake, Cog
59	105-1927	1	Fan
60	105-1896	1	Pulley
61	105-1875	1	Nut-Lock
62	104-2120	3	Screw



Engine Assembly

Ref	Part No.	Qty.	Description
❷❸1		1	Engine-Honda, Gxv 390A1 Detr
5	55-9310	1	Seal-Foam
6	107-4873	1	Bracket-Pivot
10	322-7	2	Screw-HH
11	106-7022	1	Tube-Drain, Oil
13	92-6877	1	Valve-Drain, Oil
14	105-3472	1	Pulley-Engine
15	98-5023	1	Bumper
16	105-3462	1	Clutch-Electric
17	112843	1	Washer
18	3212-16	1	Screw-HH
19	106-2156	1	Plate-Mount, Idler
20	32128-25	2	Nut-HF
21	3296-29	2	Nut-Lock, NI
23	322-4	2	Screw-HH
24	46-8560	4	Screw-HHF
25	237-124	1	Grommet
26	609830	2	Spring
27	108-2315-03	1	Plate-Support
28	94-1349	1	Hose-Fuel
29	2412-98	2	Clamp
30	107-9172	1	Fuel Tank ASM
30:2	46-6560	1	Bushing
30:3	104048	1	Valve-Fuel

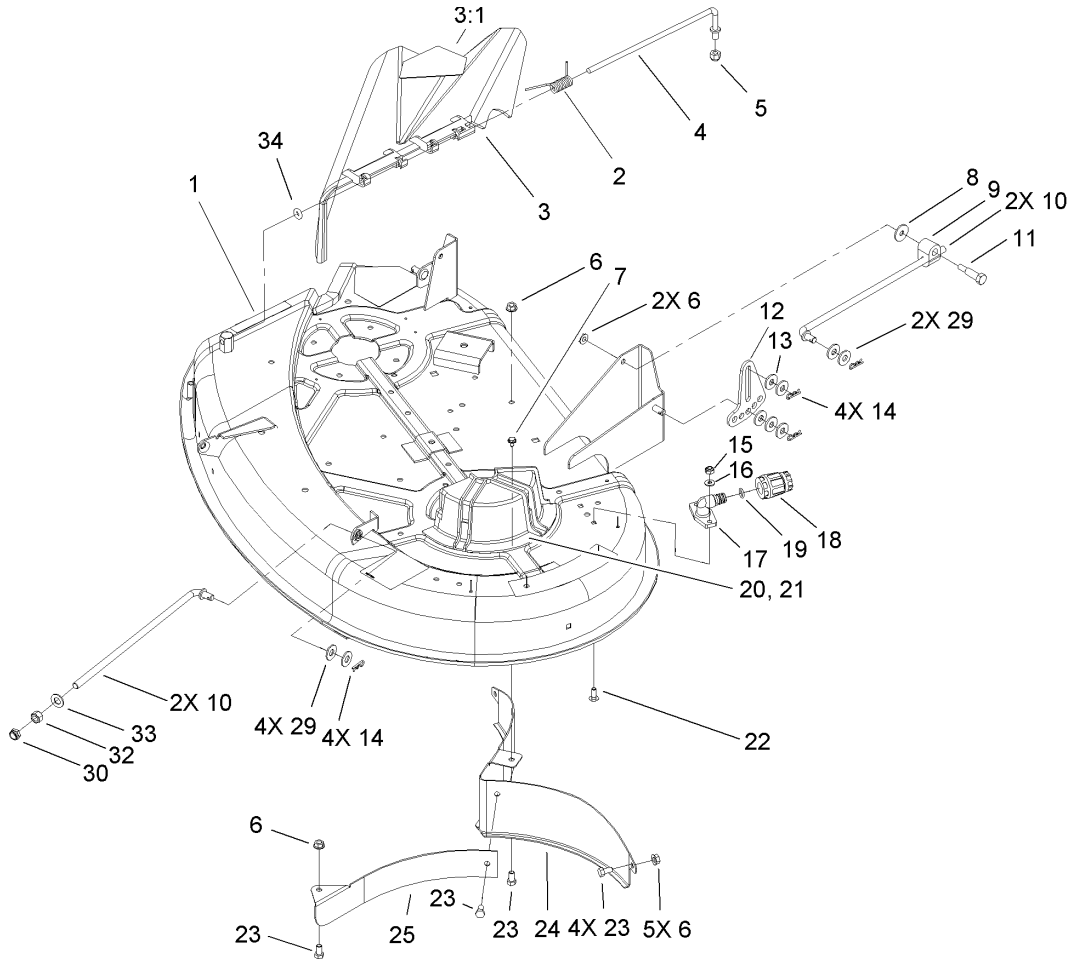
Ref	Part No.	Qty.	Description
31	108-2314-03	1	Plate-Tank
33	106-8150	1	Fitting-Straight
34	33114-030	2	Screw-HH
37	250-4	1	Tie-Cable
38	108-8530	1	Decal-Engine
42	108-8566	1	Decal



Styling Assembly

Ref	Part No.	Qty.	Description
1	3296-42	6	Nut-Lock, NI
2	321-18	2	Screw-HH
3	108-2316	1	Panel-Kick
4	108-9575	1	Decal-Danger
5	108-6144	1	Decal
6	108-6141	1	Decal
7	108-2328	1	Footrest
8	105-1853	2	Clamp-Hose
9	321-4	2	Screw-HH
10	107-9173-03	1	Brace-Support
11	108-2313-03	1	Channel-Cross
12	46-8560	4	Screw-HHF
13	46-8090	5	Screw-Plastite
14	3256-22	5	Washer-Flat
15	107069	4	Clip
16	3258-166	4	Screw-PRH
17	108-2364	1	Decal
18	107-9174-03	1	Panel-Control
19	93-7198	1	Gas Cap ASM
20	108-6150	1	Washer-Seal, Rubber
21	107-9168	1	Cover-Side, RH
22	107-9169	1	Cover-Side, LH
23	108-9568	1	Cable-Throttle
24	108-6182	2	Screw-Shoulder

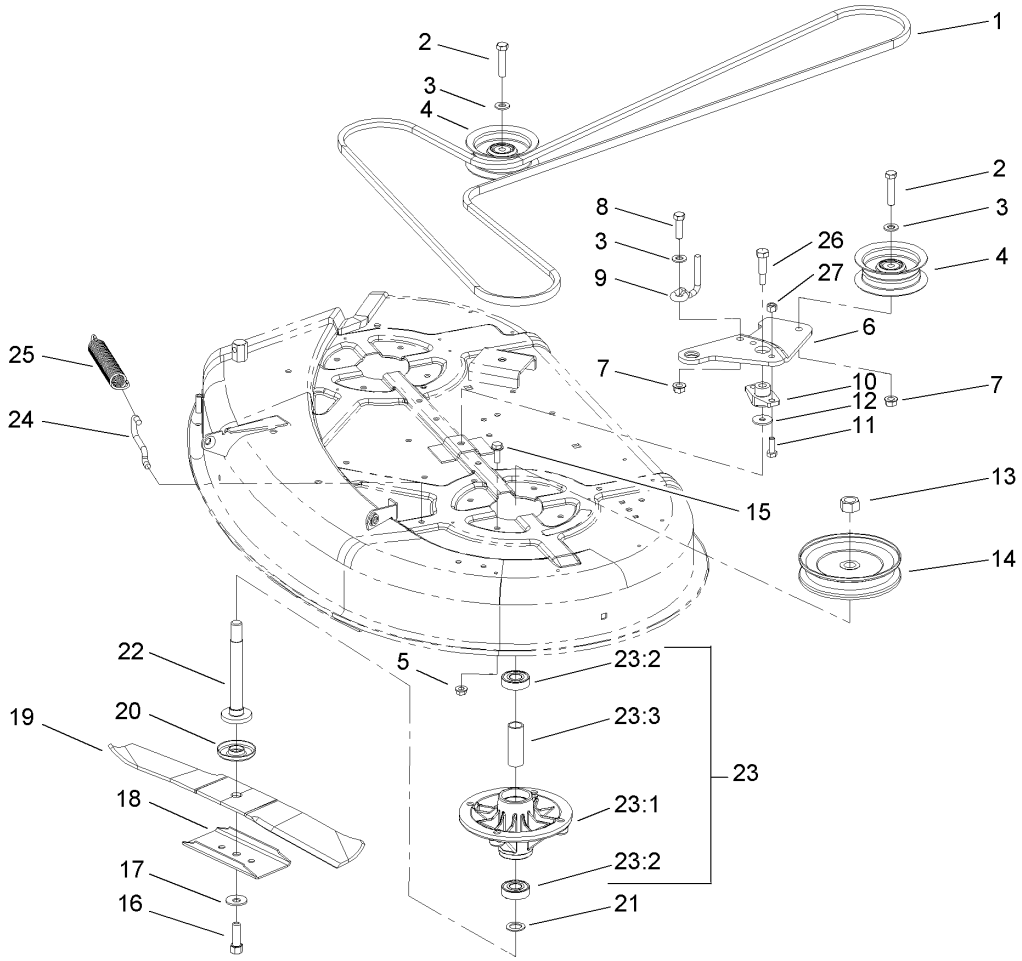
Ref	Part No.	Qty.	Description
25	108-6181	1	Extender-Plenum
26	108-2305	2	Grommet
27	108-2334	1	Hood Cover ASM
27:2	107-9198	2	Pin-Hood
27:3	107-9199	2	Plate
27:4	94-6961	4	Screw
28	108-6142	1	Decal
29	108-6143	1	Decal
30	108-2391	2	Rod-Support
31	108-6162	1	Footmat-Footrest
32	3256-58	2	Washer-Flat
33	94-4496	4	Screw-PPH
34	108-7121	2	Disk-Reflector
35	107-9178	2	Bezel-Rubber



38in Deck Assembly

Ref	Part No.	Qty.	Description
1	107-9138	1	Deck ASM
2	57-6950	1	Spring
3	93-0317	1	Deflector ASM
3:1	93-1122	1	Decal-Danger
4	95-1661	1	Rod-Pivot
5	3296-39	1	Nut-Lock, NI
6	32128-25	9	Nut-HF
7	32104-76	5	Screw
8	5-4460	2	Washer-Pivot
9	88-4230	2	Trunnion-HOC
10	105-3437	4	Rod-Hanger
11	7-0030	2	Bolt-Shoulder
12	88-5570-03	2	Link-Adjusting, HOC
13	80-6990	10	Washer-Hardened
14	9335054	8	Pin-Hair
15	3296-16	2	Nut-Lock, NI
16	3256-1	2	Washer-Flat
17	95-2747	1	Fitting-Washout
18	95-3270	1	Connector-Hose
19	46-6290	1	O-Ring
20	88-4030	1	Guide-Belt, Deck (LH)
❶21	88-4020	1	Guide-Belt, Deck (RH)
22	3229-1	2	Screw-CARR
23	322-2	7	Screw-HH

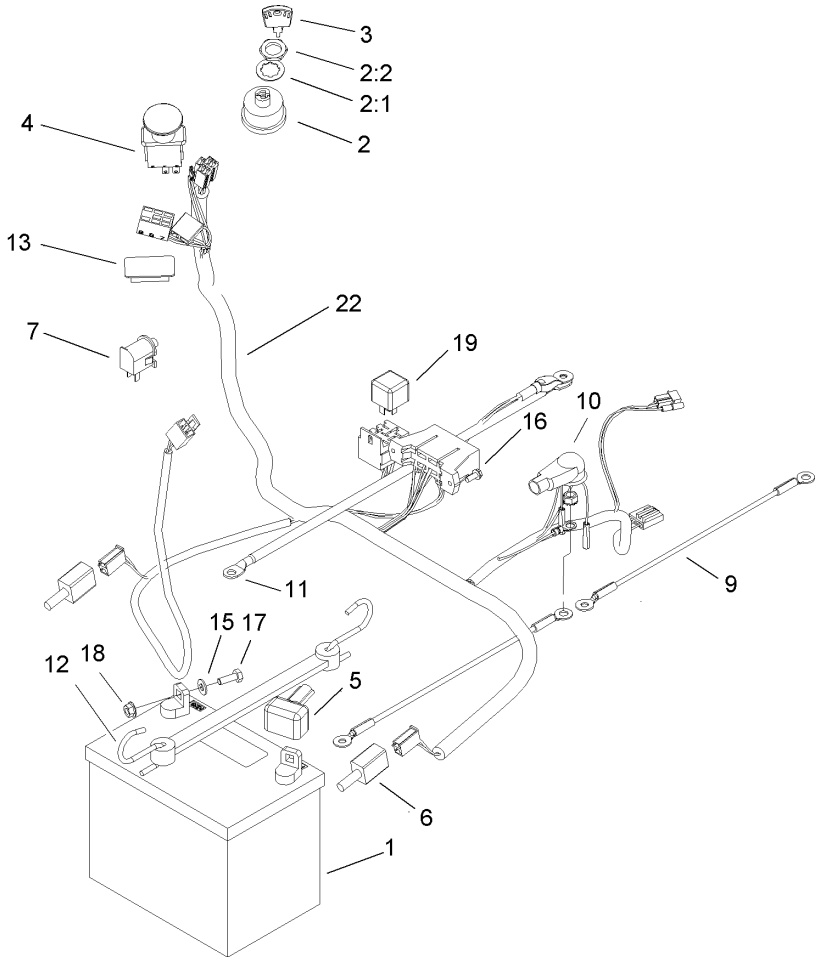
Ref	Part No.	Qty.	Description
24	106-7030-03	1	Baffle-Rear
25	106-7032-03	1	Extension-Baffle
29	3256-4	8	Washer-Flat
30	3296-38	2	Nut-Lock, NI
32	3219-4	2	Nut-Hex
33	3256-25	2	Washer-Flat
34	106-8745	1	O-Ring



38in Deck Spindle and Belt Drive Assembly

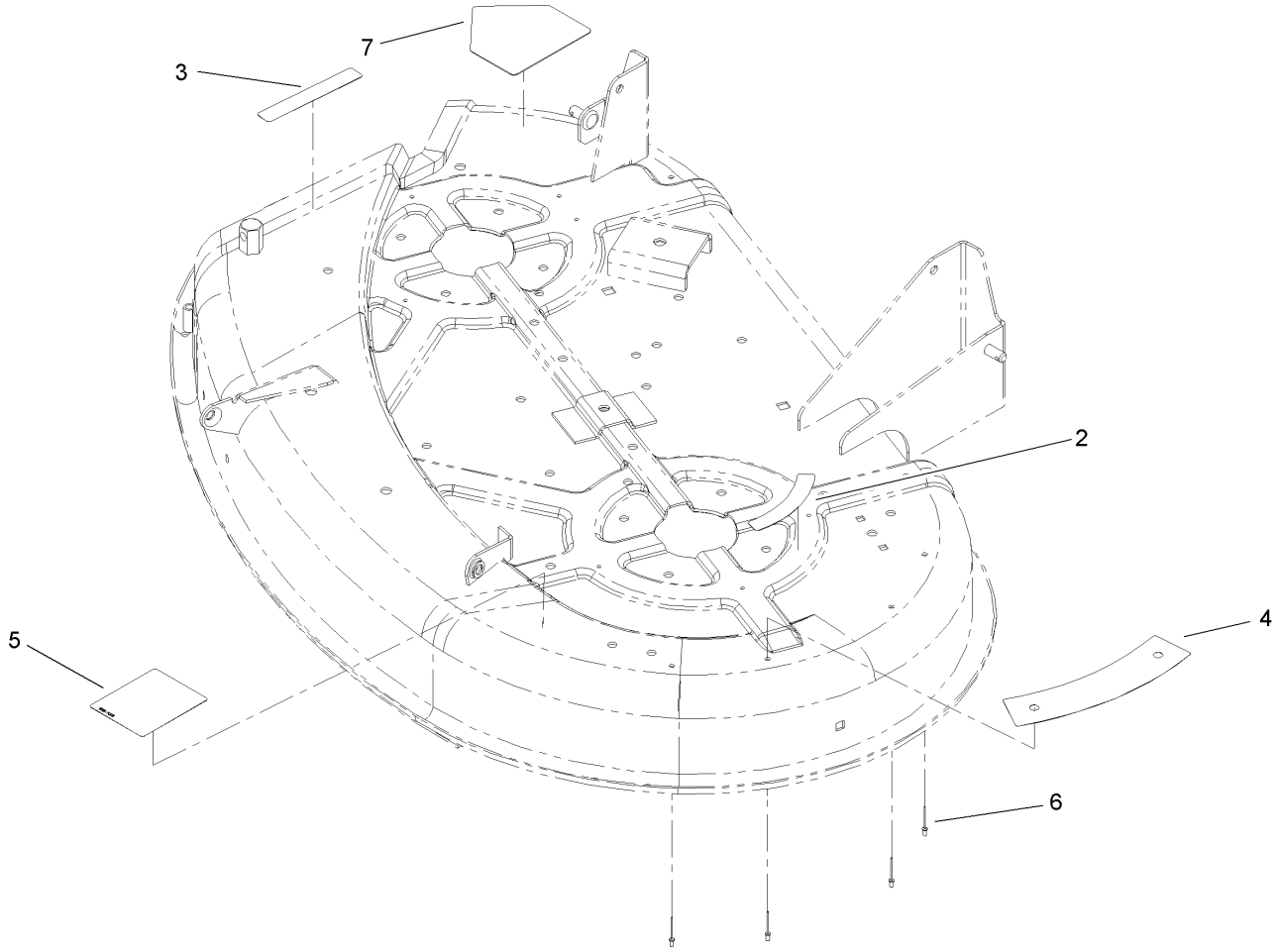
Ref	Part No.	Qty.	Description
1	106-2173	1	Belt-V
2	323-9	2	Screw-HH
3	3256-24	3	Washer-Flat
4	106-2175	2	Pulley-Idler, Flat
5	32128-25	1	Nut-HF
6	107-2467-03	1	Arm-Idler
7	32128-21	2	Nut-HF
8	323-7	1	Screw-HH
9	107-7307	1	Guide-Idler, Belt
10	88-4980	1	Bushing-Arm, Idler
11	322-4	2	Screw-HH
12	5-4460	1	Washer-Pivot
13	3219-6	2	Nut-Hex
14	88-5330	2	Pully-Deck
15	32144-41	8	Screw-Taptite
16	26-0671	2	Screw-Blade
17	3290-465	2	Washer-Belleville
18	80-0510-03	2	Stiffener-Blade
19	88-5140-03	2	Blade
20	80-4360	2	Shield-Bearing
21	80-4380	2	Spacer
22	80-4341	2	Shaft
❷23		2	Spindle ASM
23:1	88-4510	1	Housing-Spindle

Ref	Part No.	Qty.	Description
23:2	100-1048	2	Bearing-Ball
23:3	62-3661	1	Spacer-Bearing
24	88-5970	1	Hook-Return, Spring
25	106-2177	1	Spring-Extension
26	7-0030	1	Bolt-Shoulder
27	3296-29	2	Nut-Lock, NI



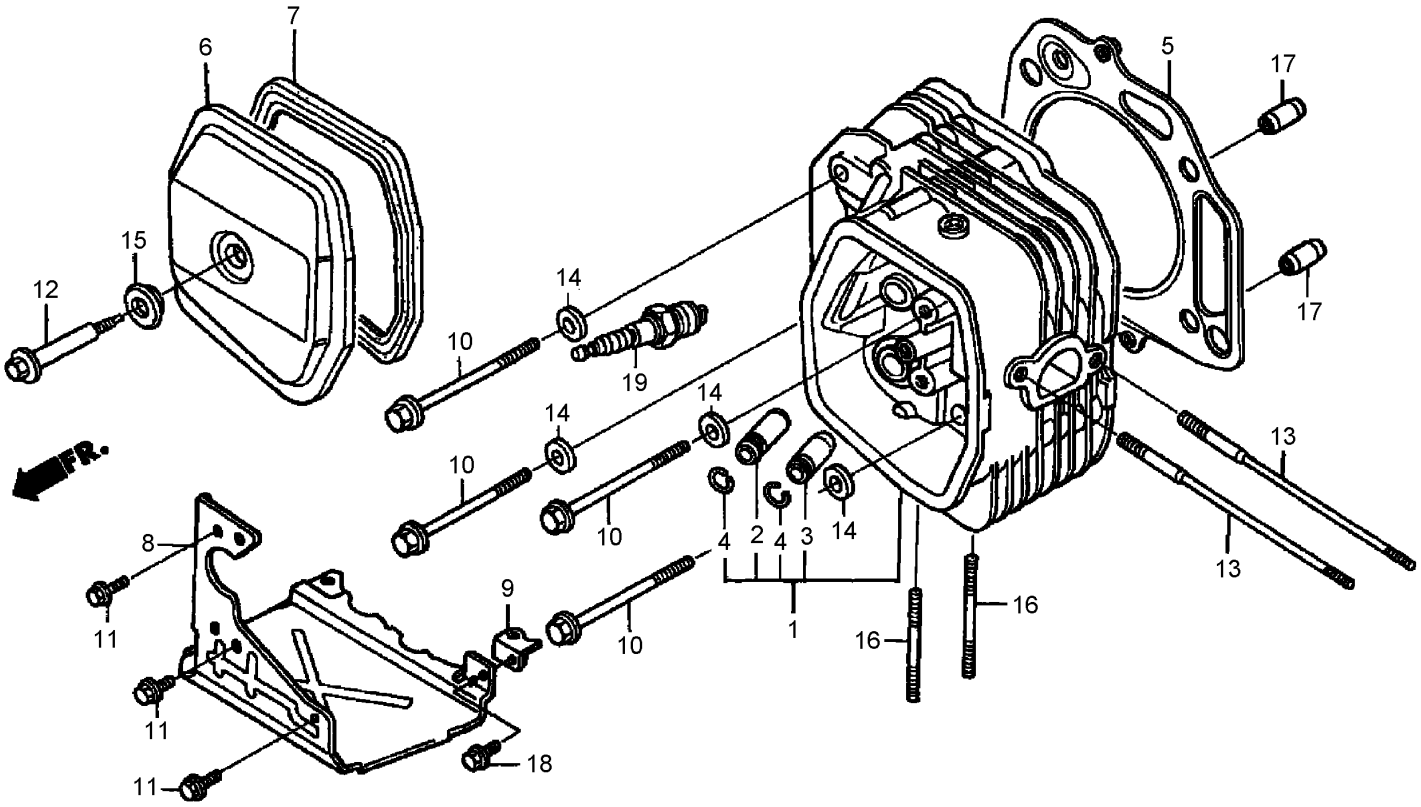
Electrical Assembly

Ref	Part No.	Qty.	Description
1	104-2491	1	Battery-Dry
2	88-9830	1	Key Switch ASM
2:1	3254-5	1	Washer-Tooth
2:2	218-461	1	Nut-HH
3	700918	1	Key
4	95-7489	1	Switch-PTO
5	28-8080	1	Boot-Terminal
6	106-2216	2	Switch
7	82-2190	1	Switch-Bail
9	54-2030	1	Wire ASM
10	93-3190	1	Boot-Insulator, Terminal
11	95-7654	1	Cable
12	104-2466	1	Holddown-Battery
13	99-7420	1	Plug-Hole
15	3256-22	2	Washer-Flat
16	32144-1	4	Screw-Taptite
17	321-4	2	Screw-HH
18	32128-33	3	Nut-HF
19	98-7249	2	Relay
22	108-6153	1	Harness-Wire



38in Deck Decal Assembly

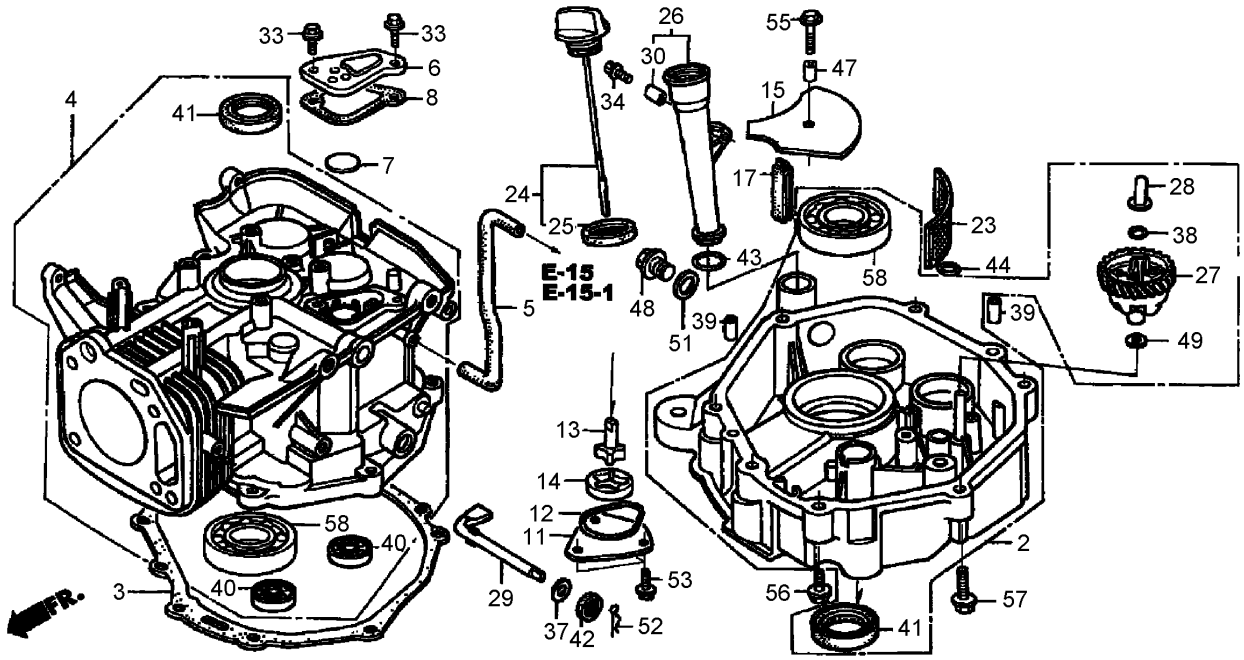
Ref	Part No.	Qty.	Description
2	68-3660	1	Decal-Danger, Shield
3	68-3650	1	Decal-Danger, Deflector
4	79-3140	1	Decal-Danger
5	105-7015	1	Decal-Routing, Belt
6	3290-282	4	Rivet-Pop
7	93-1122	1	Decal-Danger



Cylinder Head Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸1	12200-Z1E-405	1	Head-Cylinder
❸2	12204-ZE2-306	1	Guide-Valve
❸3	12205-ZE2-305	1	Guide-Valve, Exhaust
❸4	12216-ZE2-300	2	Clip-Guide, Valve
❸5	12251-ZF5-H03	1	Gasket-Head, Cylinder
❸6	12310-ZE8-000	1	Cover-Head
❸7	12391-ZE8-000	1	Gasket-Head Cover, Cylinder
❸8	18345-ZF5-020	1	Cover (Lower)
❸9	18347-ZE8-000	1	Stay-Cover (Lower)
❸10	90003-Z1E-000	4	Bolt-Flange (10X85)
❸11	90013-883-000	3	Bolt-Flange (6X12) (C T200)
❸12	90014-ZE8-000	1	Bolt-Cover, Head
❸13	90042-ZE8-000	2	Bolt-Stud

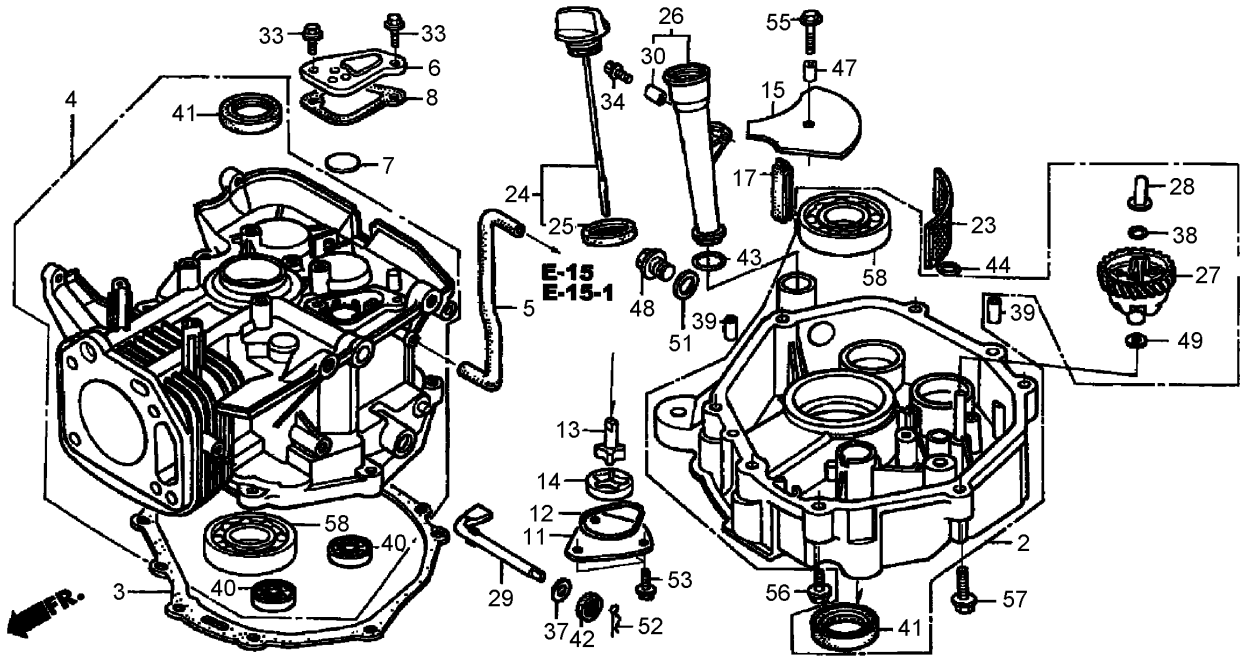
Ref	Part No.	Qty.	Description
❸14	90401-437-000	4	Washer-Plain (10Mm)
❸15	90441-ZE2-010	1	Washer-Head Cover
❸16	92900-08032-0B	2	Bolt-Stud (8X32)
❸17	94301-12200	2	Pin A-Dowel
❸18	95701-06012-00	1	Bolt-Flange (6X12)
❸19	98079-55846	1	Spark Plug (B P R 5E S) (N G K)



Cylinder Barrel and Oil Pan Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸2	11300-Z1E-407	1	Oil Pan ASM
❸3	11381-ZE9-801	1	Gasket-Pan , Oil
❸4	12000-Z1E-405	1	Cylinder ASM
❸5	12315-ZF5-000	1	Tube-Breather
❸6	12370-ZF5-000	1	Cap-Chamber, Breather
❸7	12372-ZE2-300	1	Valve- Breather
❸8	12373-ZE8-000	1	Gasket-Cap, Breather
❸11	15130-ZE8-000	1	Cover-Pump, Oil
❸12	15131-ZE9-003	1	O-Ring (Pump Cover)
❸13	15330-ZE8-000	1	Rotor (Inner)
❸14	15332-891-003	1	Rotor-Pump, Oil (Outer)
❸15	15334-ZE8-010	1	Plate-Filter, Oil
❸17	15335-ZE9-000	1	Rubber-Return, Oil

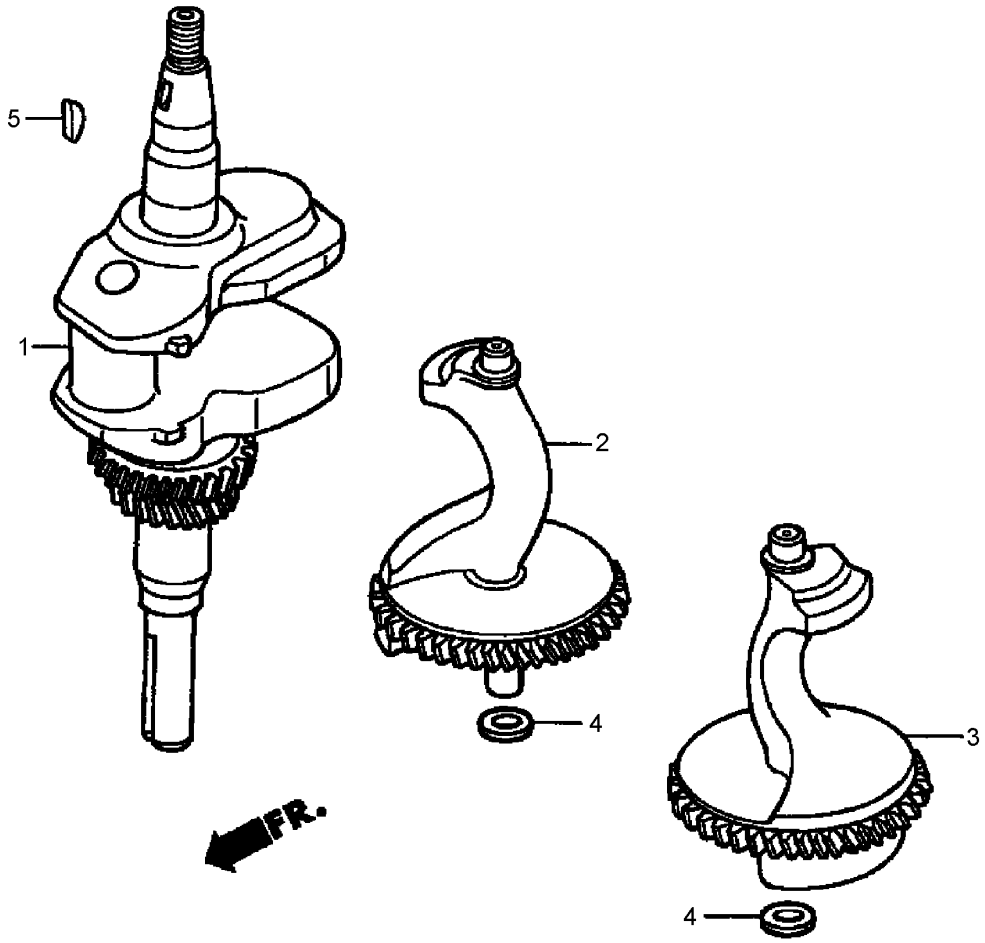
Ref	Part No.	Qty.	Description
❸23	15421-ZE9-003	1	Screen-Filter, Oil
❸24	15600-ZF5-000	1	Oil Filler Cap ASM
❸25	15625-ZE8-000	1	Gasket-Cap, Oil Filler
❸26	15630-ZE8-000	1	Extension-Filler, Oil
❸27	16510-ZE3-000	1	Governor ASM
❸28	16531-Z0A-000	1	Slider-Governor
❸29	16541-ZE8-010	1	Shaft-Arm, Governor
❸30	17240-ZE6-000	1	Collar-Extension
❸33	90013-883-000	2	Bolt-Flange (6X12) (C T200)
❸34	90014-ZE6-000	1	Bolt- Flange (6X35)
❸37	90406-VM6-000	1	Washer-Thrust (8.1Mm)
❸38	90602-ZE1-000	1	Clip-Holder, Governor
❸39	90701-HC4-000	2	Pin-Dowel



Cylinder Barrel and Oil Pan Assembly
Honda GXV390A1 DETR (continued)

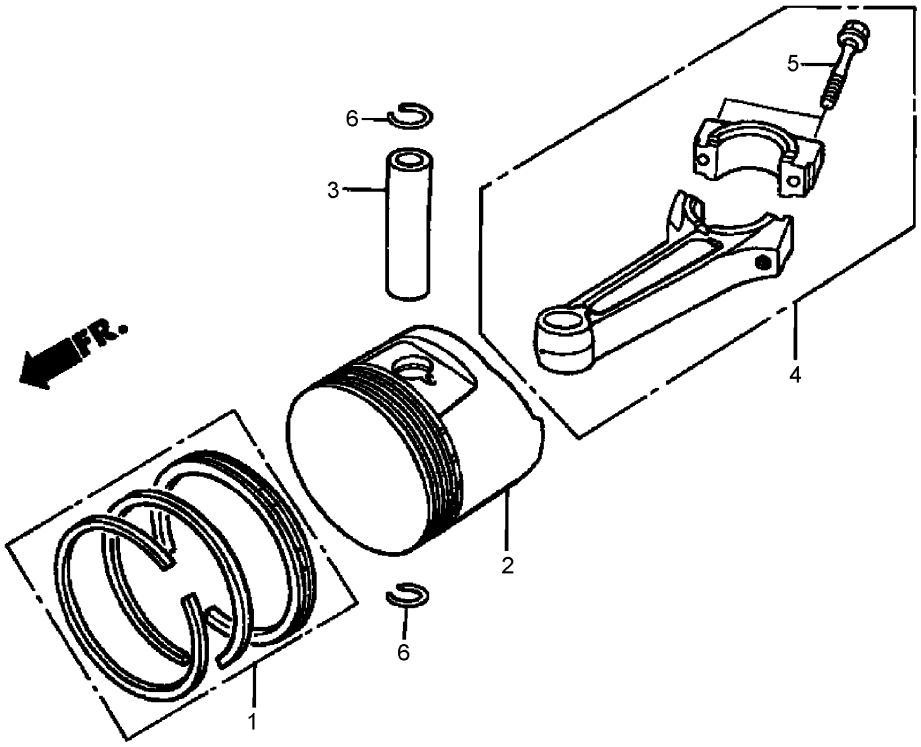
Ref	Part No.	Qty.	Description
❸40	91001-ZF5-003	2	Bearing-Ball, Radial (6202)
❸41	91201-Z1C-003	2	Seal-Oil (35X52X8)
❸42	91201-ZE9-003	1	Seal-Oil
❸42	91203-952-771	1	Seal-Oil
❸43	91301-ZE9-003	1	O-Ring (22.5X2.2)
❸44	91320-MJ6-003	1	O-Ring (11.8X2.4)
❸47	91501-ZF5-000	1	Collar-Setting, Oil Filter
❸48	92800-20000	1	Bolt-Plug, Drain (20Mm)
❸49	94101-06800	1	Washer-Plain (6Mm)
❸51	94109-20000	1	Washer-Plug, Drain (20Mm)
❸52	94251-10000	1	Pin-Lock
❸53	95701-06012-00	3	Bolt-Flange (6X12)
❸55	95701-06025-00	1	Bolt-Flange (6X25)
❸56	95701-08040-08	6	Bolt-Flange (8X40)
❸57	95701-08060-08	1	Bolt-Flange (8X60)

Ref	Part No.	Qty.	Description
❸58	96100-62070-00	2	Bearing-Ball, Radial
❸58	96100-62073-00	2	Bearing-Ball, Radial (6207)



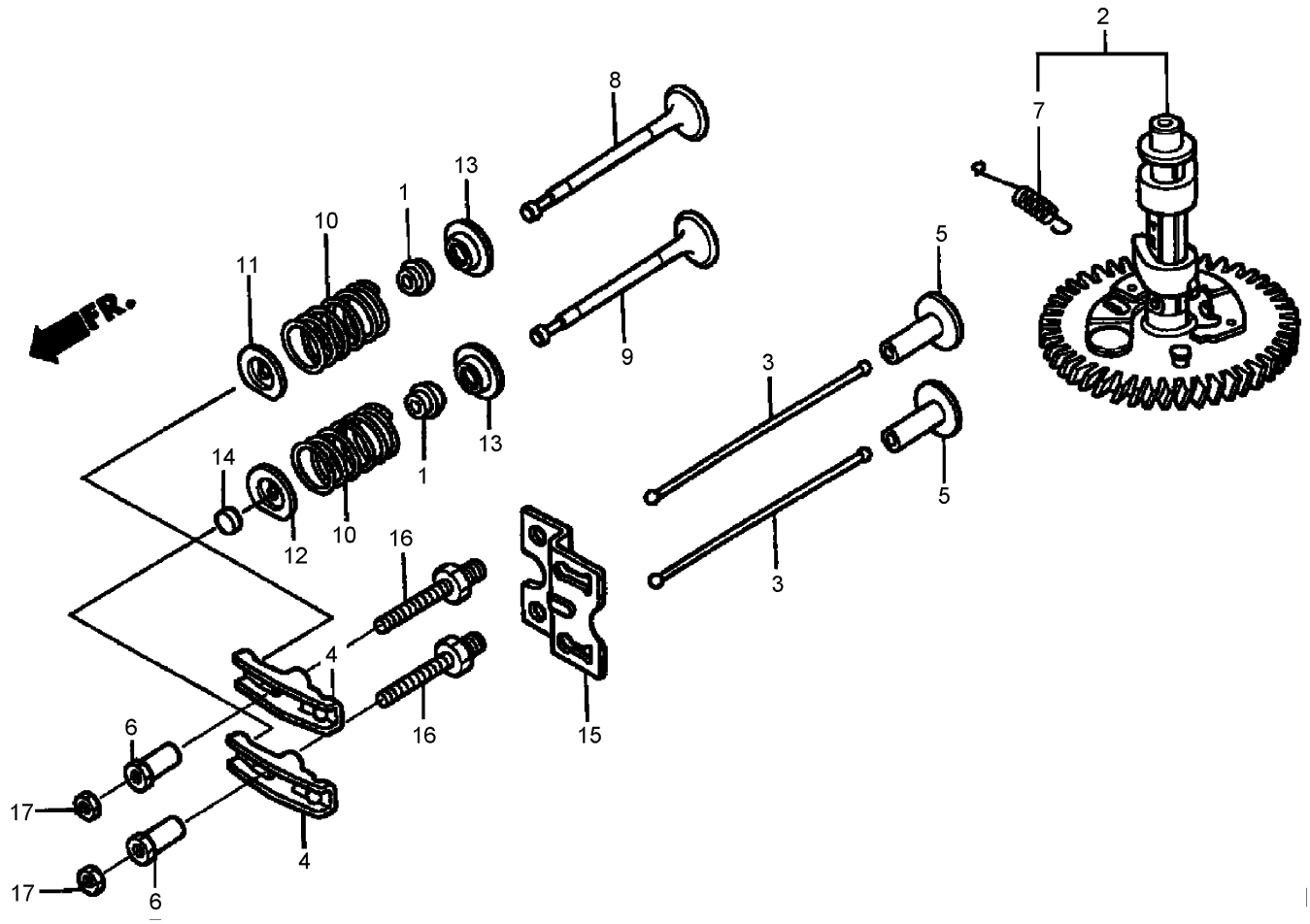
Crankshaft Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸1	13310-Z1E-000	1	Crankshaft
❸2	13351-ZF5-030	1	Balancer-Weight A
❸3	13356-ZF5-040	1	Balancer-Weight B
❸4	90417-HA0-000	2	Washer-Thrust (14Mm)
❸5	90741-ZE2-000	1	Key-Woodruff, Special (25X18)



Piston Assembly
Honda GXV390A1 DETR

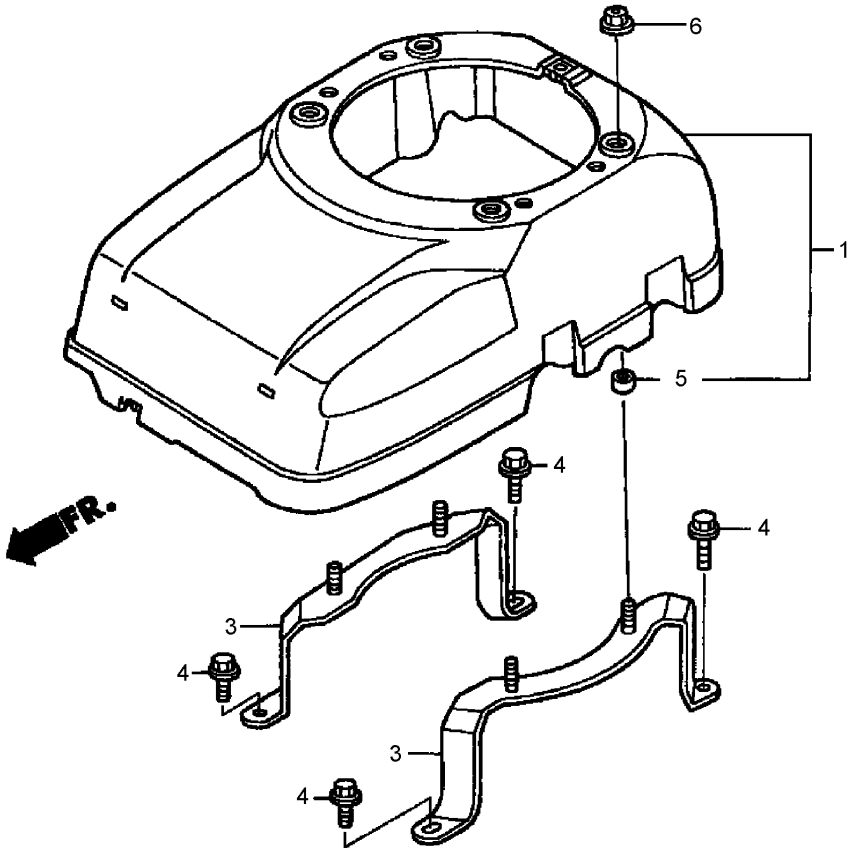
Ref	Part No.	Qty.	Description
❸1	13010-Z1C-800	1	Ring Set-Piston (STD)
❸1	13011-Z1C-800	1	Ring Set-Piston (Os 0.25)
❸1	13012-Z1C-800	1	Ring Set-Piston (Os 0.50)
❸1	13013-Z1C-800	1	Ring Set-Piston (0.75)
❸2	13101-ZF6-W00	1	Piston (STD)
❸2	13102-ZF6-W00	1	Piston (Os 0.25)
❸2	13103-ZF6-W00	1	Piston (Os 0.50)
❸2	13104-ZF6-W00	1	Piston (0.75)
❸3	13111-ZF6-000	1	Pin-Piston
❸4	13200-Z1E-000	1	Connecting Rod ASM
❸4	13200-Z1E-305	1	Connecting Rod ASM (0.25 Lower Size)
❸5	90001-ZE8-000	2	Bolt-Rod, Connecting
❸6	90601-ZE3-000	2	Clip-Pin, Piston (20Mm)



Camshaft Assembly
Honda GXV390A1 DETR

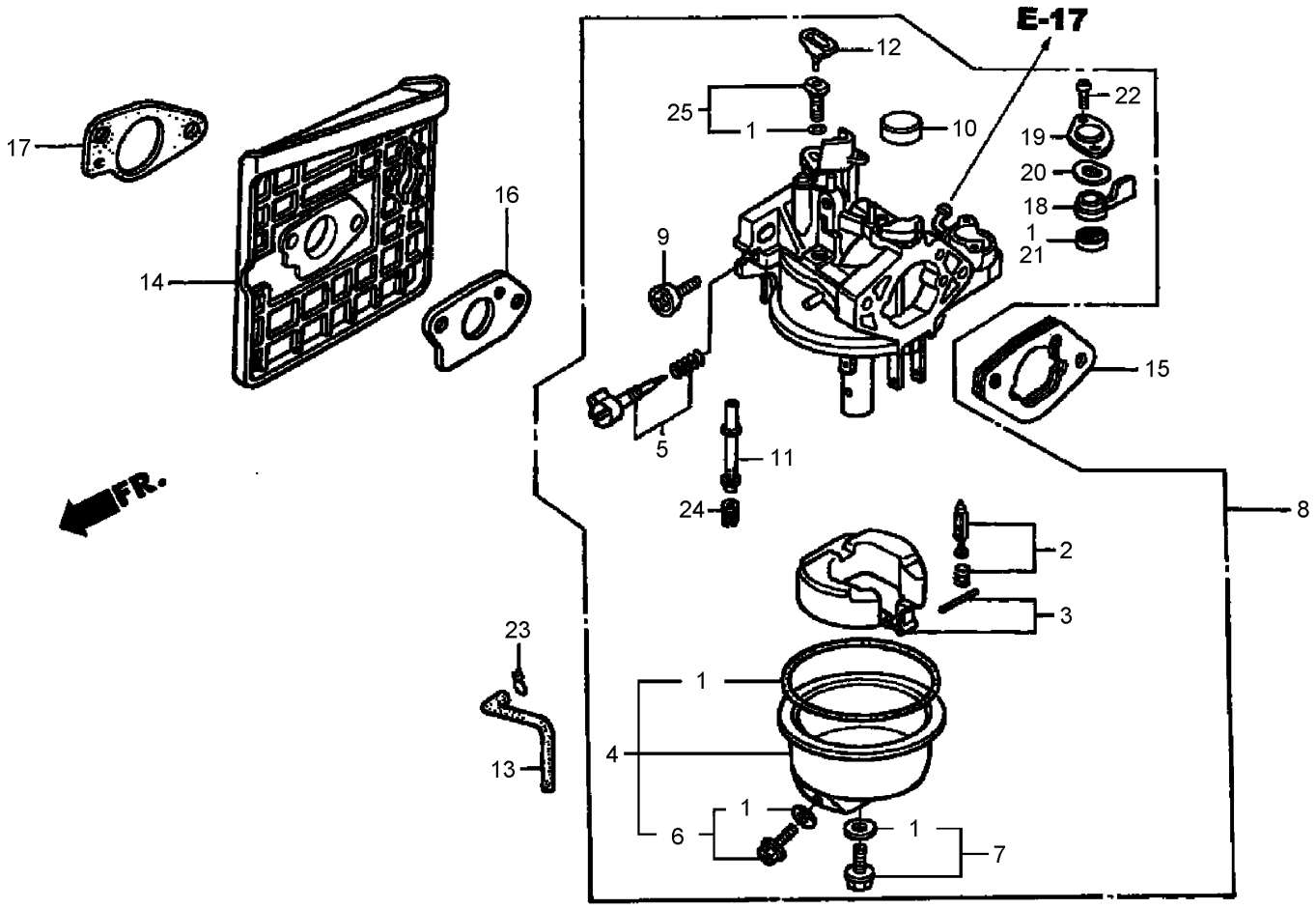
Ref	Part No.	Qty.	Description
❸1	12209-ZE8-003	2	Seal-Stem, Valve
❸2	14100-ZF5-020	1	Camshaft ASM
❸3	14410-Z1C-000	2	Rod-Push
❸4	14431-ZE2-010	2	Arm-Rocker, Valve
❸5	14441-ZE2-000	2	Lifter-Valve
❸6	14451-ZE1-013	2	Pivot-Arm, Rocker
❸7	14568-ZE1-000	1	Spring-Return, Weight
❸8	14711-ZE3-000	1	Valve-Intake
❸9	14721-ZE3-000	1	Valve-Exhaust
❸10	14751-Z1C-000	2	Spring-Valve
❸11	14771-ZE2-000	1	Retainer-Valve, Intake
❸12	14773-ZE2-000	1	Retainer-Valve, Exhaust
❸13	14775-ZE2-010	2	Seat-Spring, Valve

Ref	Part No.	Qty.	Description
❸14	14781-ZE2-000	1	Rotator-Valve
❸15	14791-ZE9-010	1	Guide-Rod, Push
❸16	90012-ZE0-010	2	Bolt-Pivot (8 Mm)
❸17	90206-ZE1-000	2	Nut-Adjusting, Pivot



Fan Cover Assembly
Honda GXV390A1 DETR

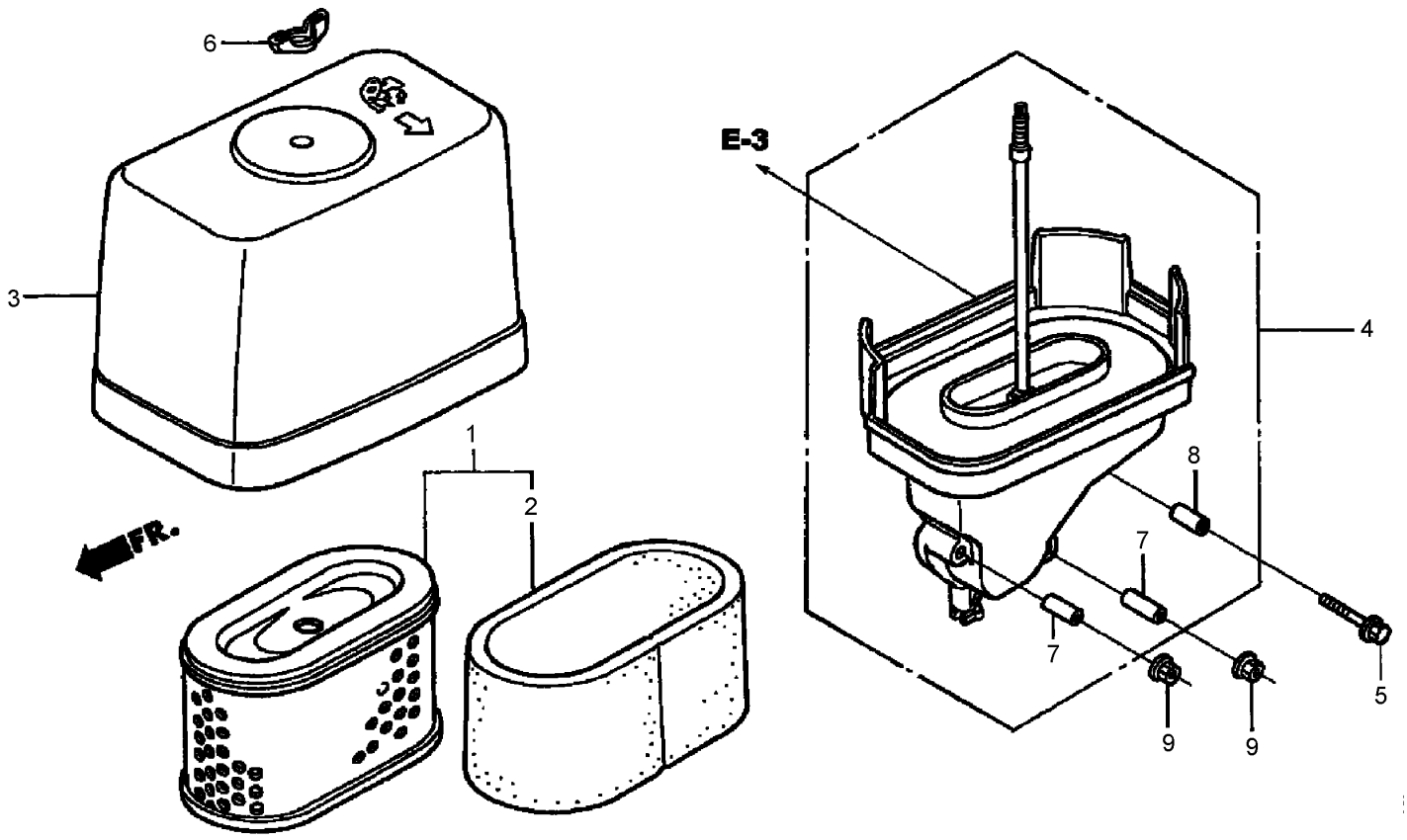
Ref	Part No.	Qty.	Description
❸1	19610-ZF5-V11ZC	1	Cover-Fan
❸3	19617-ZF5-V00	2	Bracket-Cover, Fan
❸4	90029-888-000	4	Bolt-Flange (6X16) (C T200)
❸5	91501-ZF5-V00	4	Collar-Cover, Fan
❸6	94050-06000	4	Nut-Flange (6 Mm)



Carburetor Assembly
Honda GXV390A1 DETR

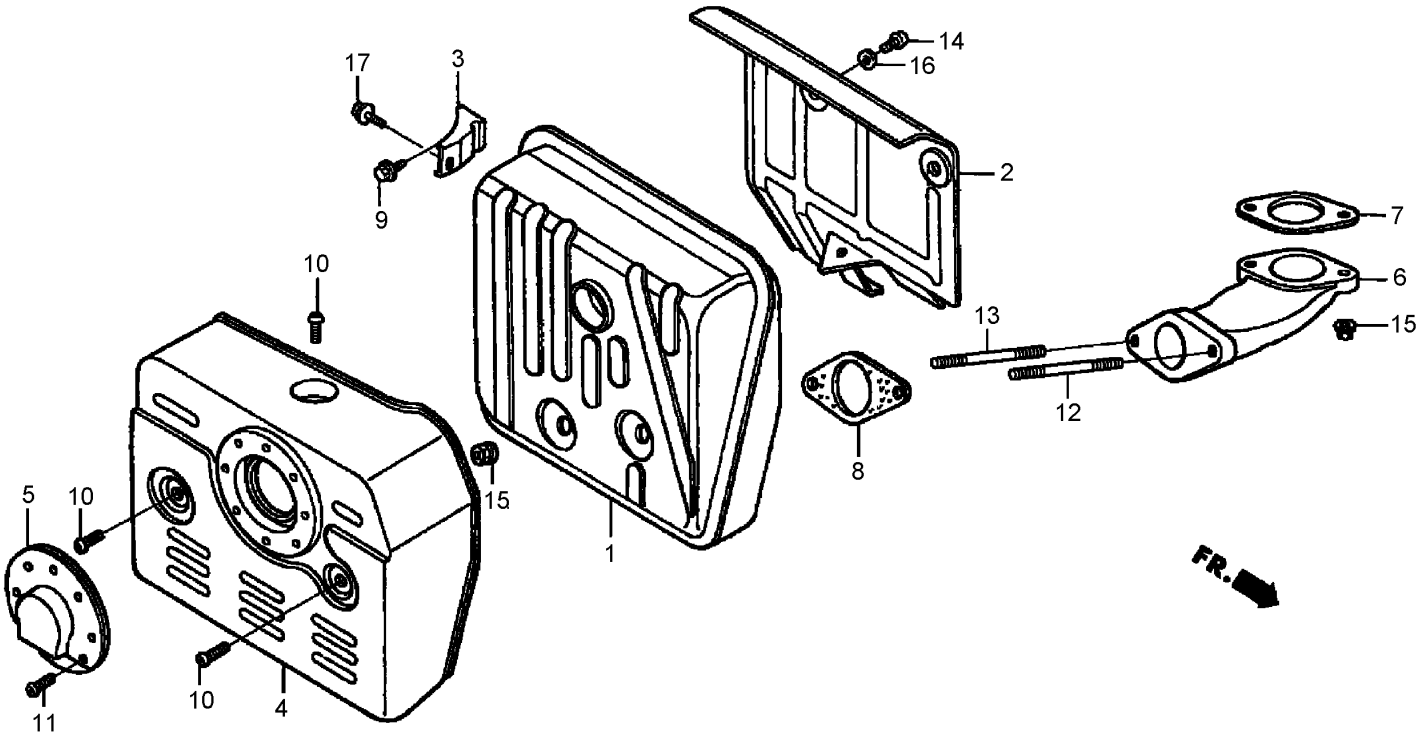
Ref	Part No.	Qty.	Description
❸1	16010-ZE2-015	1	Gasket Set
❸2	16011-ZA0-931	1	Valve Set-Float
❸3	16013-Z1C-003	1	Float Set
❸4	16015-ZE8-005	1	Chamber Set-Float
❸5	16016-ZH7-W01	1	Pilot Screw Set
❸6	16024-ZE1-811	1	Drain Screw Set
❸7	16028-ZE0-005	1	Screw Set
❸8	16100-Z1E-V21	1	Carburetor ASM (Be86P A)
❸9	16124-ZE0-005	1	Screw- Stop, Throttle
❸10	16148-141-881	1	Cap-Dust, Choke Lever
❸11	16166-ZF5-V20	1	Nozzle-Main
❸12	16172-ZE3-W10	1	Collar-Set
❸13	16199-ZE8-000	1	Tube-Vent, Air (75Mm)

Ref	Part No.	Qty.	Description
❸14	16211-Z1E-000	1	Insulator-Carburetor
❸15	16220-ZA0-702	1	Spacer-Carburetor
❸16	16221-ZF6-800	1	Gasket-Carburetor
❸17	16223-ZE9-800	1	Gasket-Insulator
❸18	16953-ZE1-712	1	Lever-Valve
❸19	16954-ZE1-812	1	Plate-Setting, Lever
❸20	16956-ZE1-811	1	Spring-Lever, Petcock
❸21	16957-ZE1-812	1	Gasket-Petcock
❸22	93500-03006-0H	2	Screw-Pan (3X6)
❸23	95002-02080	1	Clip-Tube (B8)
❸24	99101-ZH8-0880	1	Jet-Main (No. 88)
❸24	99101-ZH8-0900	1	Jet-Main (No. 90)
❸24	99101-ZH8-0920	1	Jet-Main (No. 92)
❸25	99204-ZE2-0400	1	Jet Set-Pilot (No. 40)



Air Cleaner Assembly
Honda GXV390A1 DETR

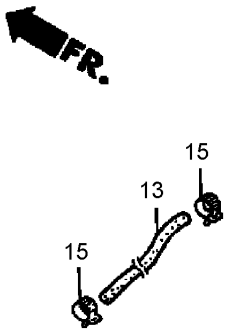
Ref	Part No.	Qty.	Description
❸1	17211-ZF5-V01	1	Element-Cleaner, Air (Plastic Base)
❸2	17218-ZF5-V00	1	Filter (Outer)
❸3	17231-ZF5-V00	1	Cover-Cleaner, Air
❸4	17410-ZF5-V00	1	Elbow-Cleaner, Air
❸5	90014-ZE6-000	1	Bolt- Flange (6X35)
❸6	90325-044-000	1	Wingnut
❸7	91502-ZF5-V00	2	Collar-Cleaner, Air
❸8	91503-ZF5-V00	1	Collar-Cleaner, Air
❸9	94050-06000	2	Nut-Flange (6 Mm)



Muffler Assembly
Honda GXV390A1 DETR

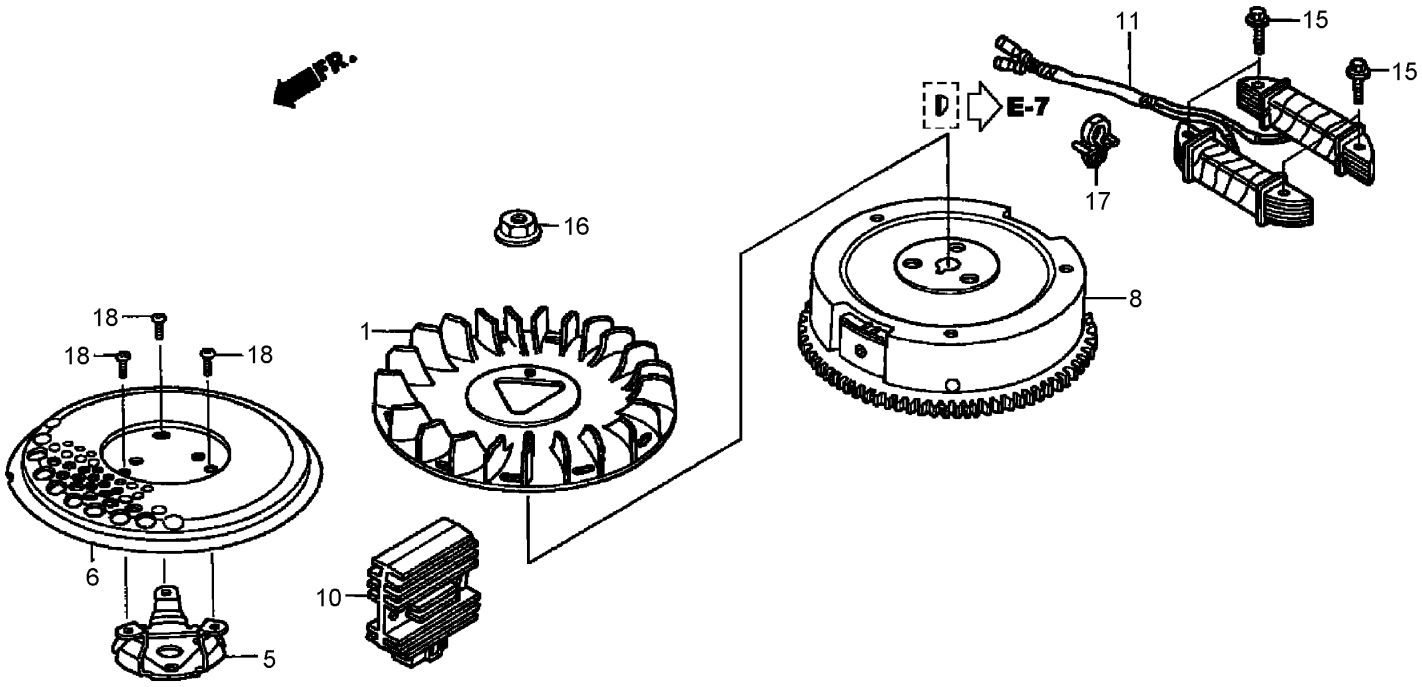
Ref	Part No.	Qty.	Description
❸1	18310-Z1E-000	1	Muffler
❸2	18316-ZF5-V00	1	Separator-Muffler
❸3	18318-ZE8-000	1	Stay-Muffler
❸4	18321-ZF5-000	1	Protector-Muffler
❸5	18331-ZE2-810	1	Cap-Muffler
❸6	18331-ZF5-000	1	Pipe-Exhaust
❸7	18333-ZE3-800	1	Gasket-Pipe, Exhaust
❸7	18333-ZK6-Y00	1	Gasket-Pipe, Exhaust (Wacker)
❸8	18382-ZE9-800	1	Gasket-Pipe, Exhaust
❸9	90031-883-000	1	Bolt-Flange (8X16)
❸10	90050-ZE1-000	3	Screw-Tapping (5X8)
❸11	90055-ZE1-000	3	Screw-Tapping (4X6)
❸12	92900-08060-1B	1	Bolt-Stud (8X60)

Ref	Part No.	Qty.	Description
❸13	92900-08070-1B	1	Bolt-Stud (8X70)
❸14	93500-06006-0A	3	Screw-Pan (6X6)
❸15	94050-08000	4	Nut-Flange (8Mm)
❸16	94101-06800	3	Washer-Plain (6Mm)
❸17	95701-08014-00	1	Bolt-Flange (8X14)



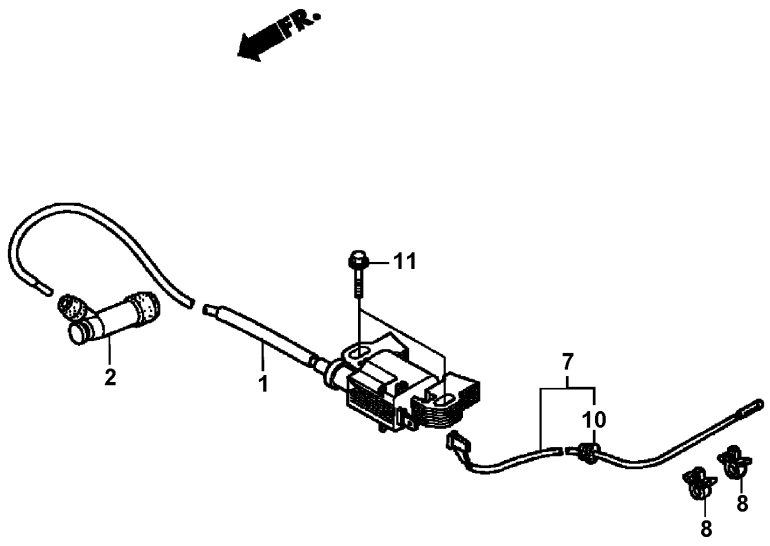
Fuel Tank Hose and Clip Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸13	95001-45003-60M	1	Hose-Fuel (4.5X3000) (4.5X235)
❸15	95002-40800-08	2	Clamp-Tube (D8)



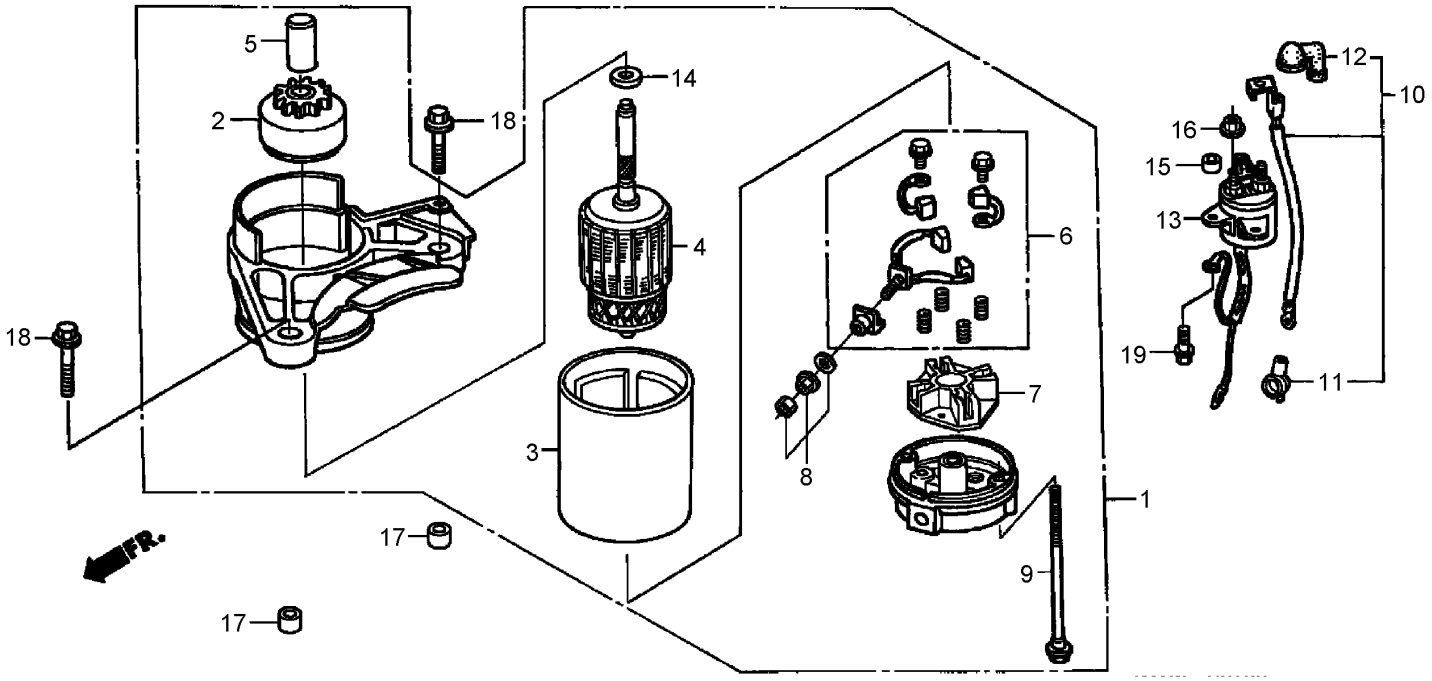
Flywheel Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸1	19511-ZE9-010	1	Fan-Cooling
❸5	28451-ZE9-801	1	Holder-Grid, Screen
❸6	28452-ZE8-801	1	Grid-Screen
❸8	31110-ZF5-L32	1	Flywheel (Sel-4 Pole)
❸10	31600-ZE2-861	1	Regulator Rectifier ASM
❸11	31630-ZF5-V01	1	Charge Coil ASM (10A)
❸15	90031-ZE1-000	4	Bolt-Flange (6X32)
❸16	90201-ZE3-V00	1	Nut (16Mm)
❸17	90682-735-A01	1	Clip-Harness, Wire
❸18	93500-05008-0A	3	Screw-Pan (5X8)



Ignition Coil Assembly
Honda GXV390A1 DETR

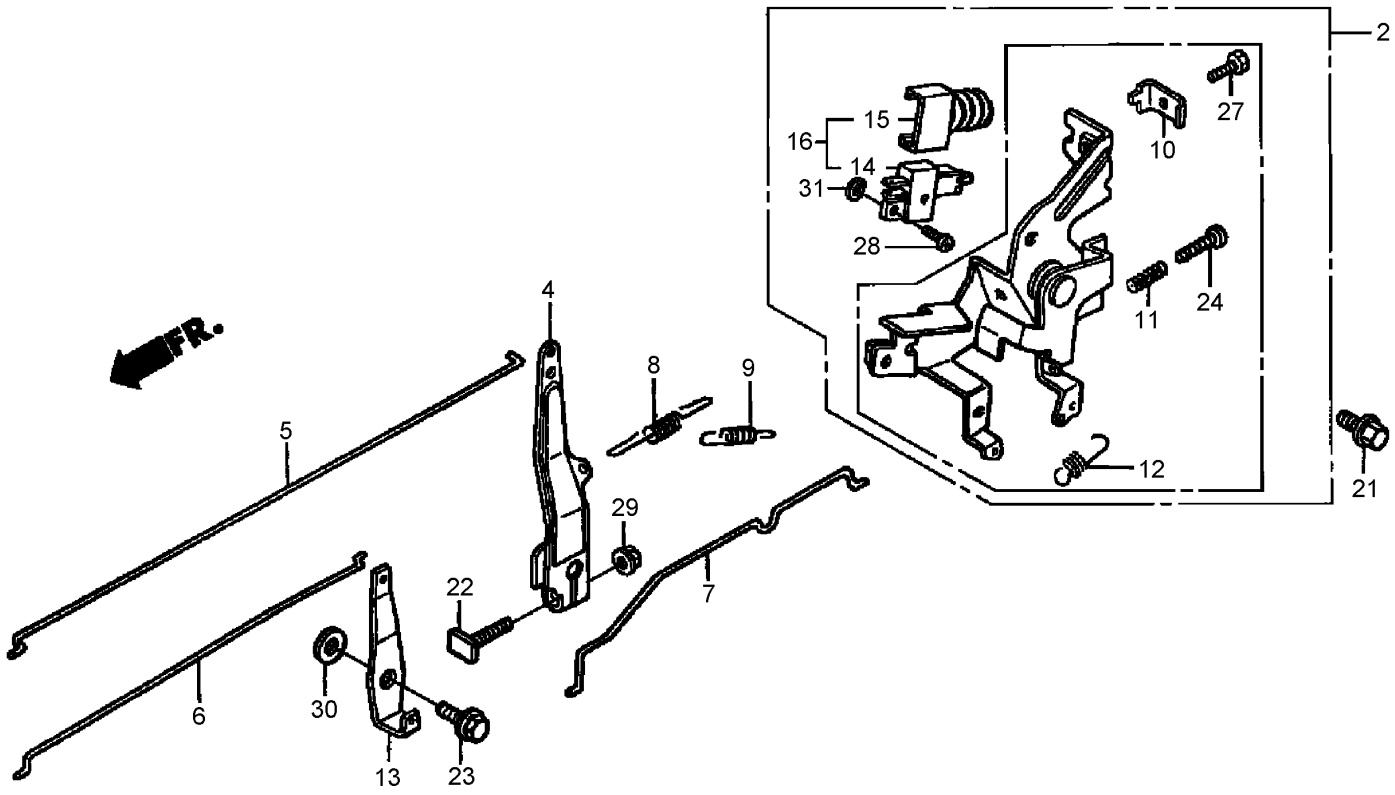
Ref	Part No.	Qty.	Description
❸1	30500-Z1E-013	1	Ignition Coil ASM
❸2	30700-ZF5-013	1	Noise Suppressor Cap ASM
❸7	36101-ZE8-810	1	Wire-Switch, Stop
❸8	46391-VM0-003	2	Clip A-Pipe, Brake
❸10	80101-166-000	1	Grommet-Wire
❸11	90015-883-000	2	Bolt-Flange (6X28)



Starter Motor Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸1	31200-ZF5-L32	1	Starter Motor ASM
❸2	31206-ZF5-L31	1	Drive ASM
❸3	31216-ZJ1-004	1	Yoke
❸4	31217-ZF5-L31	1	Armature
❸5	31225-ZF5-L31	1	Stopper Set-Pinion
❸6	31226-ZJ1-004	1	Brush Set
❸7	31231-ZJ1-004	1	Holder-Brush
❸8	31237-ZJ1-004	1	Nut Set-Terminal
❸9	31261-ZF5-L31	2	Bolt-Through
❸10	32402-ZF5-V00	1	Wire-Switch, Magnet
❸11	32411-ZV4-811	1	Cover-Terminal, Starter
❸12	32412-ZV4-811	1	Cover-Terminal, Magnetic Switch
❸13	35850-ZF5-V01	1	Starter Magnetic Switch ASM

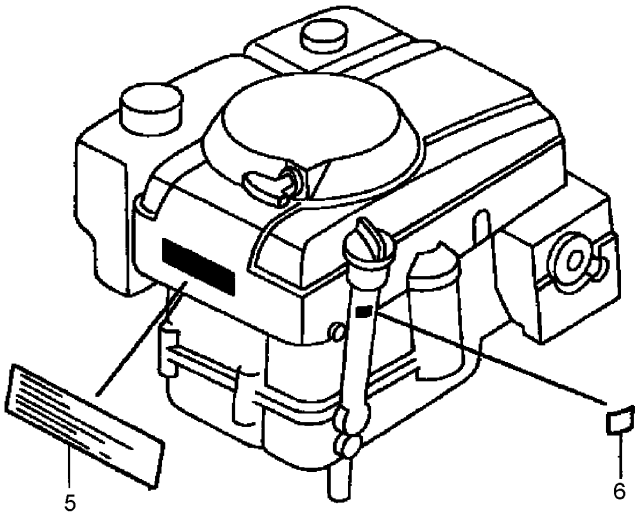
Ref	Part No.	Qty.	Description
❸14	90407-ZF5-L31	1	Washer-Thrust
❸15	91504-ZF5-V00	2	Collar-Distance
❸16	94070-06080	2	Nut-Washer (6Mm)
❸17	94301-10120	2	Pin-Dowel (10X12)
❸18	95701-08035-00	2	Bolt-Flange (8X35)
❸19	96001-06025-00	2	Bolt-Flange (6X25)



Control Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸2	16500-ZF5-010	1	Control ASM
❸4	16551-ZF5-000	1	Arm-Governor
❸5	16555-ZE9-000	1	Rod-Governor
❸6	16556-ZE9-000	1	Rod-Choke
❸7	16557-ZE8-810	1	Rod-Joint
❸8	16561-ZF5-000	1	Spring-Governor
❸9	16563-ZE8-000	1	Spring-Primary, Governor
❸10	16576-891-000	1	Holder-Cable
❸11	16584-883-300	1	Spring-Adjusting, Control
❸12	16592-732-700	1	Spring-Return, Cable
❸13	16619-ZF5-000	1	Lever-Joint, Choke
❸14	35330-ZG1-751	1	Engine Switch ASM
❸15	35336-750-003	1	Cover-Switch

Ref	Part No.	Qty.	Description
❸16	36100-ZE8-003	1	Engine Stop Switch ASM
❸21	90013-883-000	1	Bolt-Flange (6X12) (C T200)
❸22	90015-ZE5-010	1	Bolt-Arm, Governor
❸23	90015-ZE8-000	1	Bolt-Flange (6Mm)
❸24	93500-05020-0A	1	Screw-Pan (5X20)
❸27	92300-05014-0A	1	Bolt-Recessed (5X14)
❸27	92301-05014-0A	1	Bolt-Recessed (5X14)
❸28	93500-04014-0A	1	Screw-Pan (4X14)
❸29	94050-06000	1	Nut-Flange (6 Mm)
❸30	94101-06800	1	Washer-Plain (6Mm)
❸31	94111-04000	1	Washer-Spring (4Mm)



Label Assembly
Honda GXV390A1 DETR

Ref	Part No.	Qty.	Description
❸5	87522-ZF5-V00	1	Label-Caution
❸6	87601-Z1G-T30	1	Mark-Type (Detr)

Attachments and Accessories

For 81230 - Precision Z320 H Riding Mower

Product Name	Model/Part
Tire Chain Kit	107-1737
Anti-Scalp Roller Kit	107-9133
Light Kit	108-6160
38 Inch Mulching Kit	108-7193
Smooth Tire Kit	108-8501
38 Inch Twin Bagger	62555
48 Inch Snow Blade	63600

NOTES

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