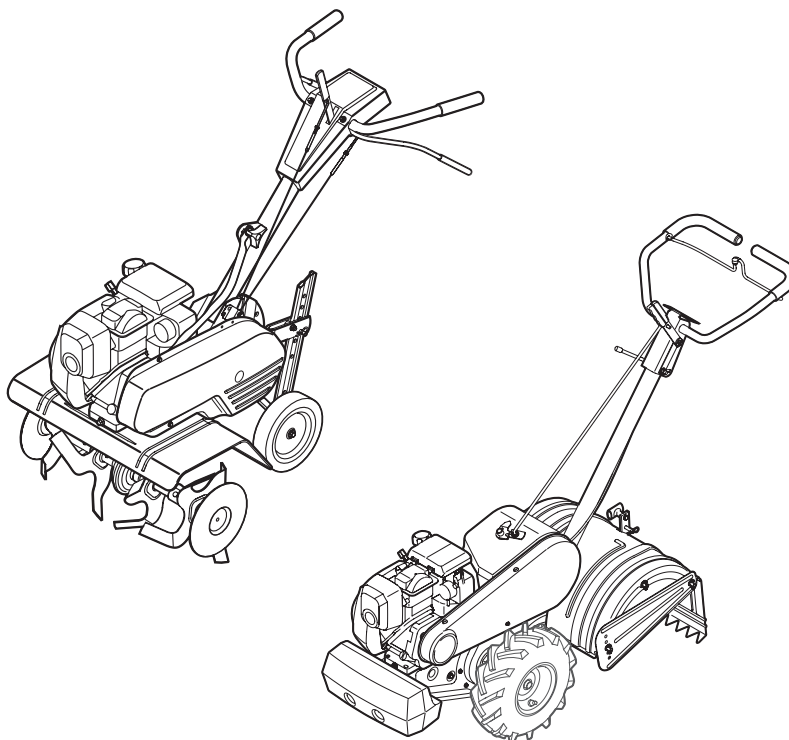

Cub Cadet.

ILLUSTRATED PARTS MANUAL



Front Tine & Rear Tine Tillers Model FT24 & RT 65

CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

To The Owner

Thank You

Thank you for purchasing a Cub Cadet Tiller. It was carefully engineered to provide excellent performance when properly operated and maintained.

All information in this manual is relative to the most recent product information available at the time of printing. Please be aware that this Illustrated Part's Manual may cover a range of product specifications for various models.

Components listed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

Throughout this manual, all references to *right* (RH) and *left* (LH) are observed from the operating position.

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Record Product Information

To ease in ordering replacement parts, please locate the model plate on the equipment and record the information in the provided area to the right. You can locate the model plate by looking beneath the seat.

MODEL NUMBER

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SERIAL NUMBER

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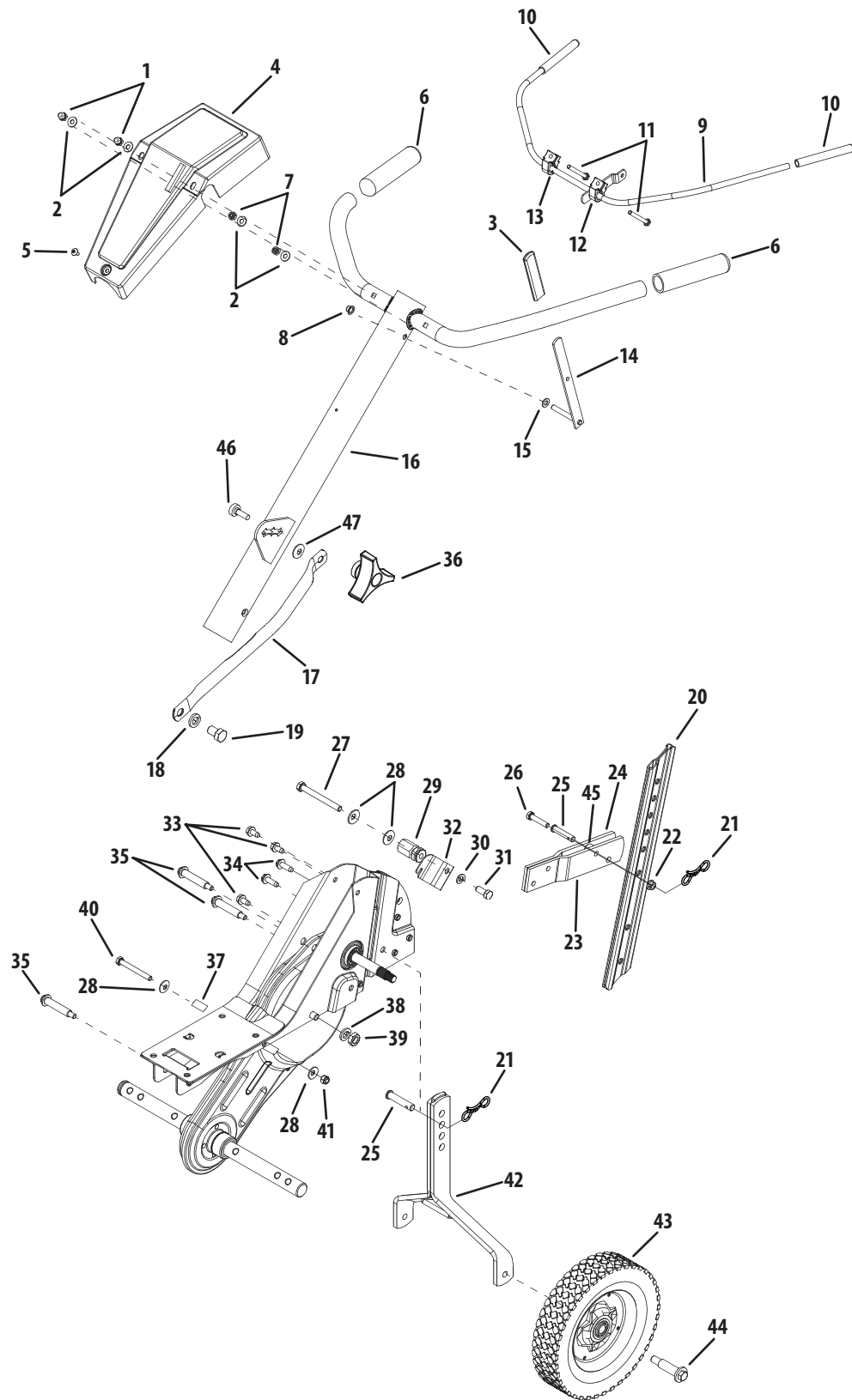
Painted Parts

When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXXX-0637). Please refer to the table below for current color codes:

0637	Black	0685	Blue (Cub Cadet)
4021	Yellow (Cub Cadet)	0691	Black Jack (Cub Cadet Commercial)
0499	Beige (Cub Cadet)		

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Model Series 300

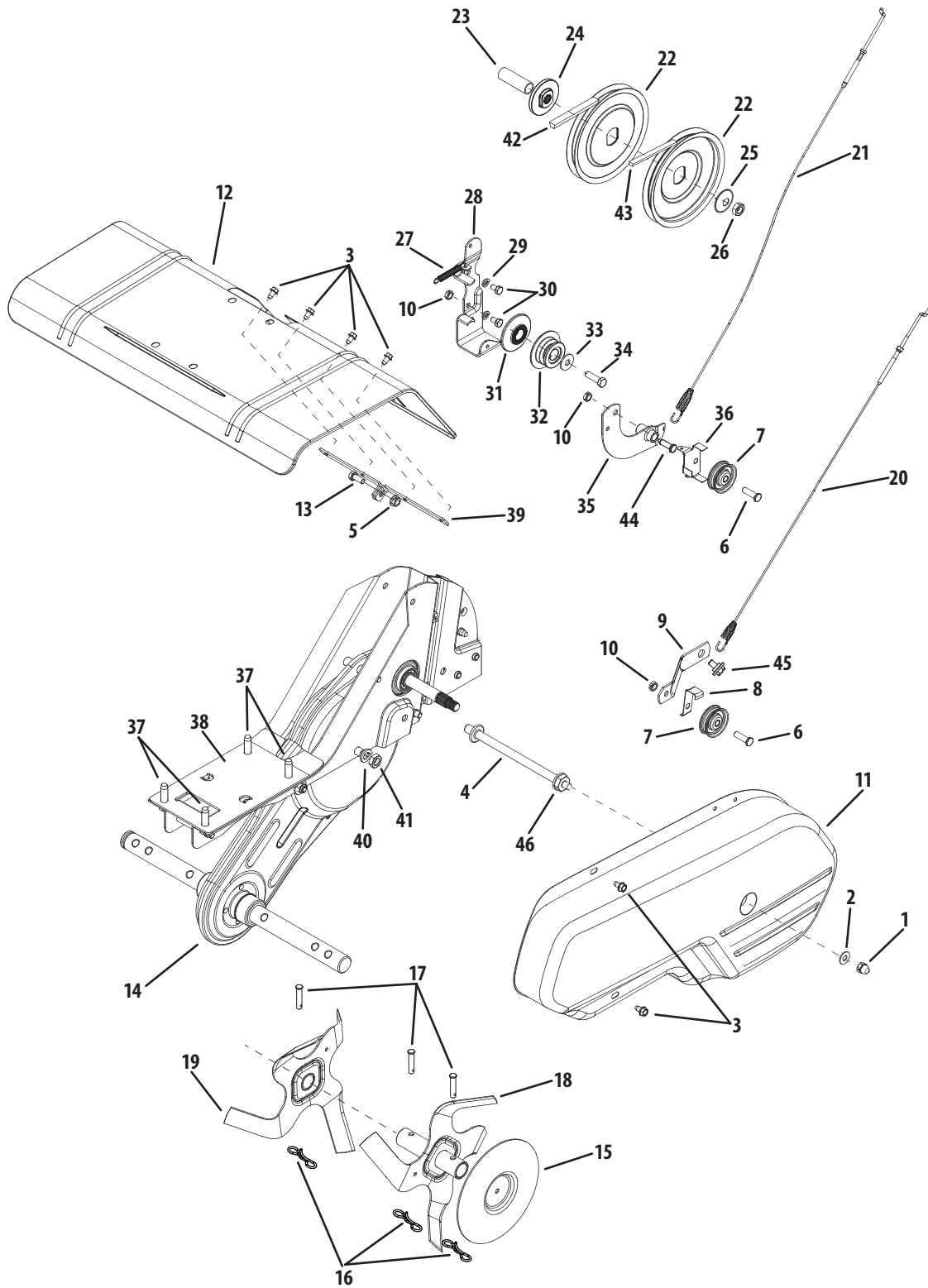


Ref.	Part Number	Description
1.	912-0442	Acorn Lock Nut, ¼-20
2.	936-3020	Flat Washer, .271" x .630"
3.	720-0270A†	Reverse Handle Grip
4.	731-1600	Handle Cover w/o throttle (390)
—	731-06253A	Handle Cover (340)
5.	710-0779A	Truss Machine Screw, #10 x ½"
6.	720-0274	Handle Grip
7.	712-3006	Hex Nut, ¼-20 (390)
—	712-0298	Jam Nut, 1/4-20 (340)
8.	726-0135†	Cap Speed Nut
9.	686-0083	Clutch Handle Assembly
10.	720-0269	Clutch Grip
11.	710-0641	Hex Bolt, ¼-20 x 2.25"
12.	931-1645B	Clutch Handle Holder
13.	936-0140	Flat Washer, .385" x .62"
14.	686-0014C†	Reverse Handle Assembly
15.	936-0264†	Flat Washer, .344" x .62"
16.	649-04040	Handle Assembly Complete
17.	749-1401A	Handle Brace
18.	936-0921	Lock Washer, ½
19.	710-3194	Hex Bolt, ½-20
20.	786-0005	Depth Bar
21.	714-04043	Cotter Pin, Bow Tie
22.	712-04063	Hex Flange L-Nut, ⅝-18
23.	786-0003	Tail Piece Bracket, Left

Ref.	Part Number	Description
24.	786-0004	Tail Piece Bracket, Right
25.	911-0415	Clevis Pin
26.	710-0805	Hex Bolt, ⅝-18 x 1.5"
27.	710-0189	Hex Bolt, ⅝-18 x 3"
28.	736-0242	Bell Washer, .340" x .872"
29.	711-1036A	Hex Nut
30.	936-0119	L-Washer, ⅝"
31.	710-3008	Hex Bolt, ⅝-18
32.	786-0129	Cable Guide Bracket
33.	710-0604A	Hex Washer Screw, ⅝-18 x .62"
34.	710-0602	Hex Washer TT-Tap Screw
35.	738-0934	Shoulder Bolt, ⅝-18
36.	720-0195	Hand Knob
37.	750-0470	Spacer
38.	936-0171	Lock Washer, ⅞
39.	912-0240	Jam Nut, ⅞-20
40.	710-0176	Hex Bolt, ⅝-18 x 2.75"
41.	912-0429	Nylon Hex Nut, ⅝-18
42.	686-0081A	Wheel Hanger Bracket Assembly
43.	734-1268	Wheel, 8 x 1.75
44.	738-0929	Shoulder Screw, .496 x 1.445
45.	750-0890	Spacer
46.	710-1236	Carriage Bolt, ⅝-18 x 1
47.	736-0242	Bell Washer, .34"

† If Equipped

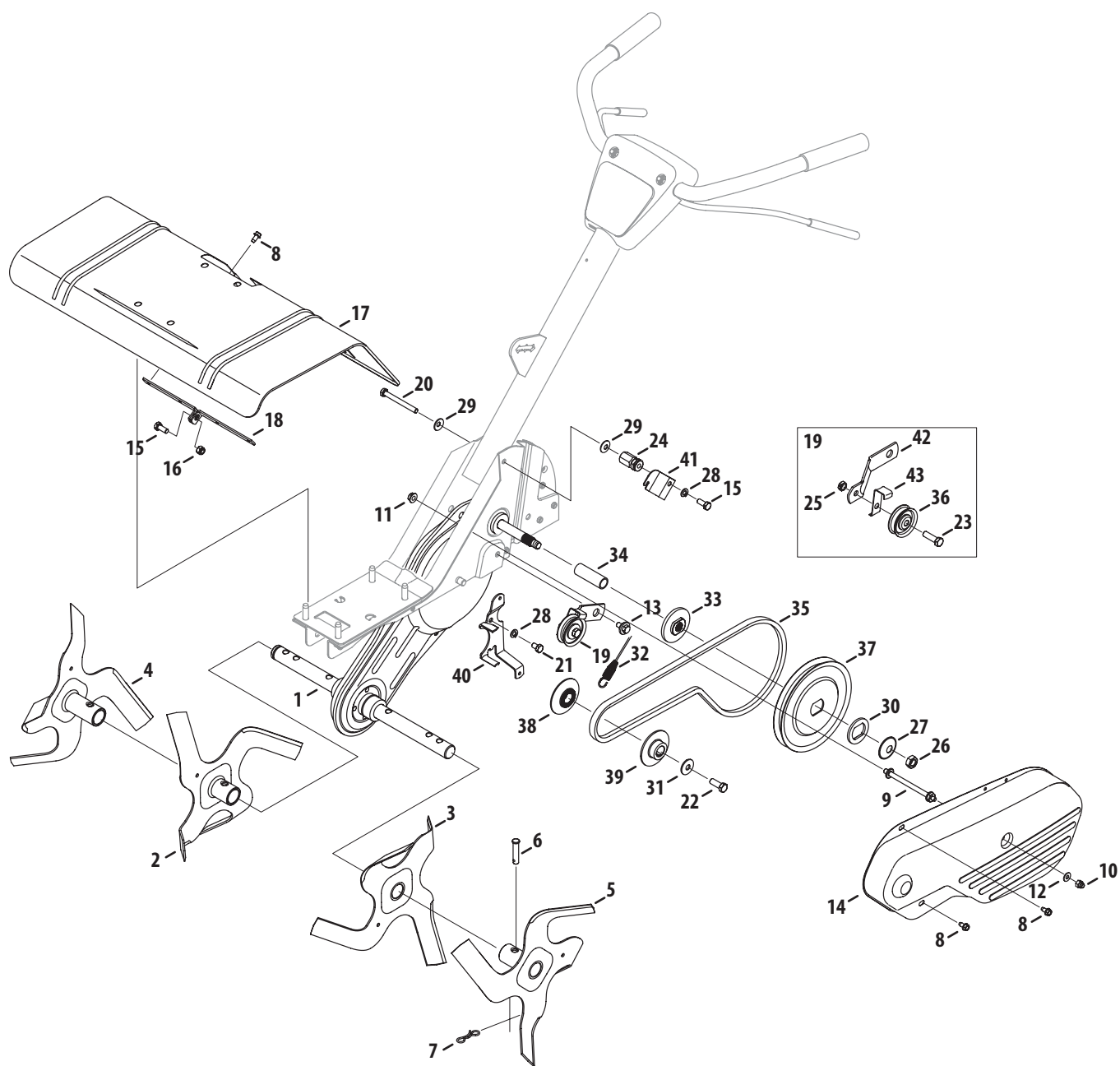
Model Series 390



Ref.	Part Number	Description
1.	712-0392	Hex L-Stop Nut, ¼-28
2.	936-3020	Flat Washer, 266" x .625"
3.	710-0599	Hex Washer TT-Tap Screw, ¼-20 x .5"
4.	711-0920	Belt Cover Bolt
5.	712-04063	Hex Flange Top L-Nut, 5/16-18
6.	710-3005	Hex Head Screw, 3/8-16 x 1.25"
7.	756-0313	Flat Idler Pulley, 2.12"
8.	786-0149	Idler Belt Keeper
9.	786-0144	Idler Bracket
10.	712-0266A	Hex Center Jam Nut, 3/8-16
11.	786-0057	Belt Cover w/ rev.
12.	786-0043A	Tine Shield
13.	710-3008	Hex Head Cap Screw, 5/16-18 x .75"
14.	986-0091	Chain Case Assembly Complete
15.	686-0106	Outer Disc Plate Assembly
16.	714-04043	Cotter Pin, Bow Tie
17.	911-0415	Clevis Pin
18.	642-0023	Outer Tine Assembly, LH,
—	642-0024	Outer Tine Assembly, RH
19.	642-0003	Inner Tine Assembly, Left
—	642-0002	Inner Tine Assembly, Right
20.	946-0918	Forward Clutch Cable
21.	746-0953	Reverse Clutch Cable
22.	756-0585	Flat Pulley, 6"

Ref.	Part Number	Description
23.	950-0892	Spacer, .64" x 2.4"
24.	948-0350	Pulley Mounting Adapter
25.	736-0112	Bell Washer, 525" x 1.5"
26.	712-3029	Hex Jam Nut, ½-20
27.	732-0697	Return Spring
28.	786-0040B	Reverse Bracket
29.	936-0119	Lock Washer, 5/16
30.	710-0237	Hex Bolt, 5/16-24 x .625"
31.	756-0971	Engine Inner Pulley
32.	756-0600	Reverse Engine Pulley
33.	936-0452	Bell Washer, .396" x ¼"
34.	710-1039	Hex Bolt, 3/8-24 x 1.00"
35.	686-0013	Reverse Arm Assembly
36.	786-0041	Reverse Belt Keeper
37.	710-0502A	Hex L-Washer TT-Tap, 3/8-16 x 1.25"
38.	786-0145A	Engine Plate
39.	786-0053	Tine Shield Bracket
40.	936-0171	L-Washer, 7/16"
41.	912-0240	Hex Nut, 7/16-20
42.	954-0428	Forward Drive Belt, ½ x 41.9"
43.	954-0429	Reverse Drive Belt, 3/8 x 45.68"
44.	938-0102	Shoulder Screw, .498 x 1.445
45.	738-0930	Shoulder Screw, .560 x .165
46.	712-3004A	Flangelock Nut, 5/16 - 18

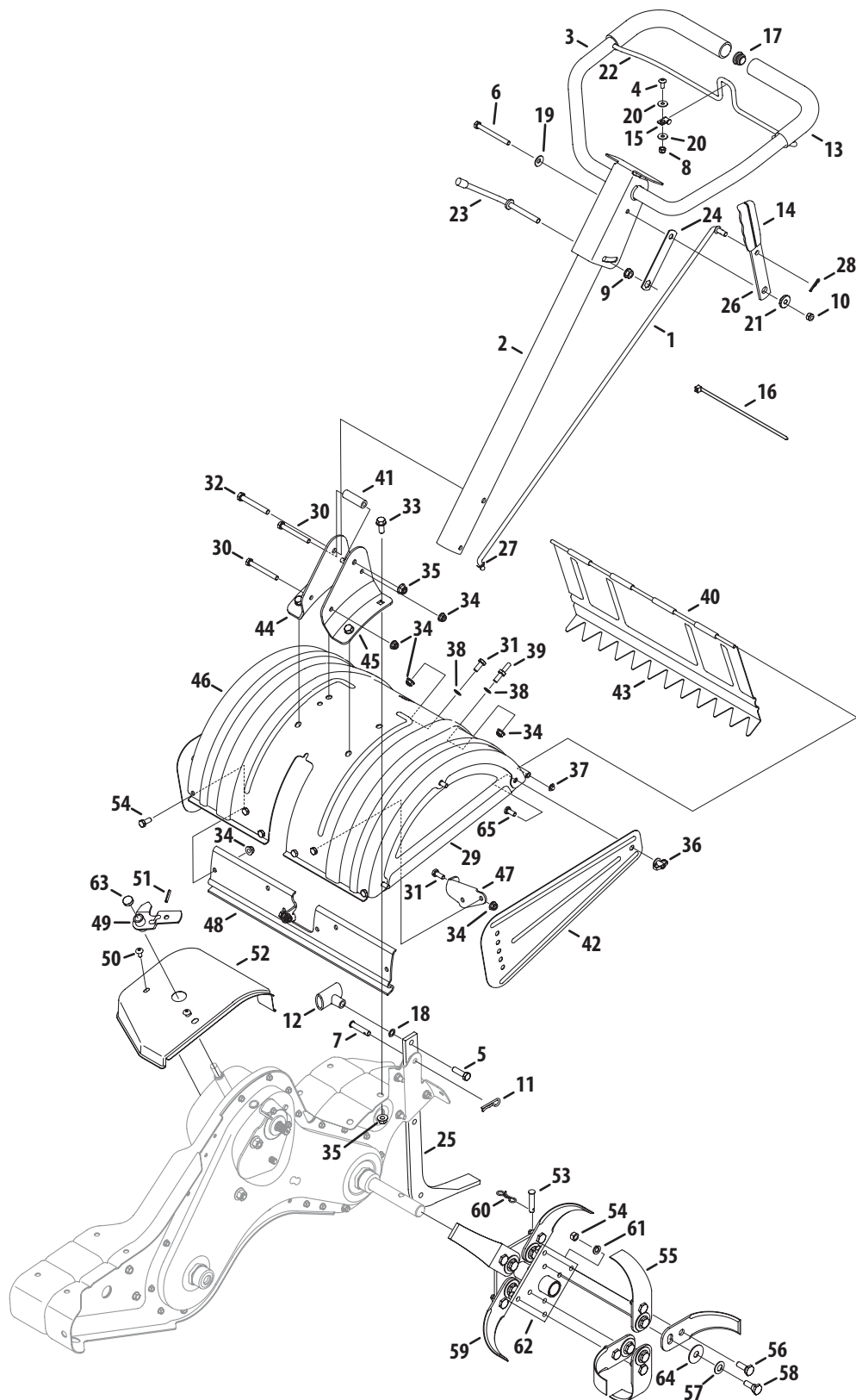
Model Series 340



Ref.	Part Number	Description
1.	986-0091	Chain Case Assembly
2.	642-0002	Inner Tine Assembly, RH
3.	642-0003	Inner Tine Assembly, LH
4.	642-0004	Outer Tine Assembly, RH
5.	642-0005	Outer Tine Assembly, LH
6.	911-0415	Clevis Pin, .375 x 1.75
7.	714-04043	Bow Tie Cotter Pin
8.	710-0599	Screw, 1/4-20 x 0.500
9.	711-0919	Bolt, Belt Cover
10.	712-0392	Nut, 1/4-28, Lock
11.	712-3004A	Nut, 5/16-18, Flange Lock
12.	936-3020	Flat Washer, .271 x .630 x .065
13.	738-0930	Shoulder Screw, .560 x .165 5/16-18
14.	786-0056	Belt Cover
15.	710-3008	Hex Head Screw, 5/16-18 x .75
16.	712-04063	Nut, 5/16-18, Flange Lock
17.	786-0043A	Tine Shield
18.	786-0053	Bracket, Tine Shield
19.	686-0088	Idler Bracket Assembly
20.	710-0189	Hex Head Screw, 5/16-18 x 3.00
21.	710-0237	Hex Head Screw, 5/16-24 x .625
22.	710-1039	Hex Head Screw, 3/8-24 x 1.00

Ref.	Part Number	Description
23.	710-3005	Hex Head Screw, 3/8-16 x 1.25
24.	711-1036A	Hex Nut, 5/16-18
25.	712-0266A	Jamlock Nut, 3/8-16
26.	712-3029	Nut, 1/2-20, Jam
27.	736-0112	Washer, .531 x 1.62 x .045
28.	936-0119	Lock Washer, 5/16
29.	736-0242	Bell Washer, .340 x .872 x .060
30.	736-0312	Flat Washer, 1.26 x 1.87 x .150
31.	936-0452	Bell Washer, .396 x 1.140 x .095
32.	946-0918	Forward Clutch Cable
33.	948-0350	Pulley Adaptor
34.	950-0892	Spacer, .64 ID x 2.4
35.	954-0428	Belt, 4L x 41.9 LG
36.	756-0313	Pulley 1.88 OD
37.	756-0585	Pulley 6.00 OD
38.	756-0971	Inner Engine Pulley
39.	756-0972	Outer Engine Pulley
40.	786-0039B	Belt Keeper Bracket
41.	786-0129	Cable Guide Bracket
42.	786-0144	Idler Bracket
43.	786-0149	Belt Keeper

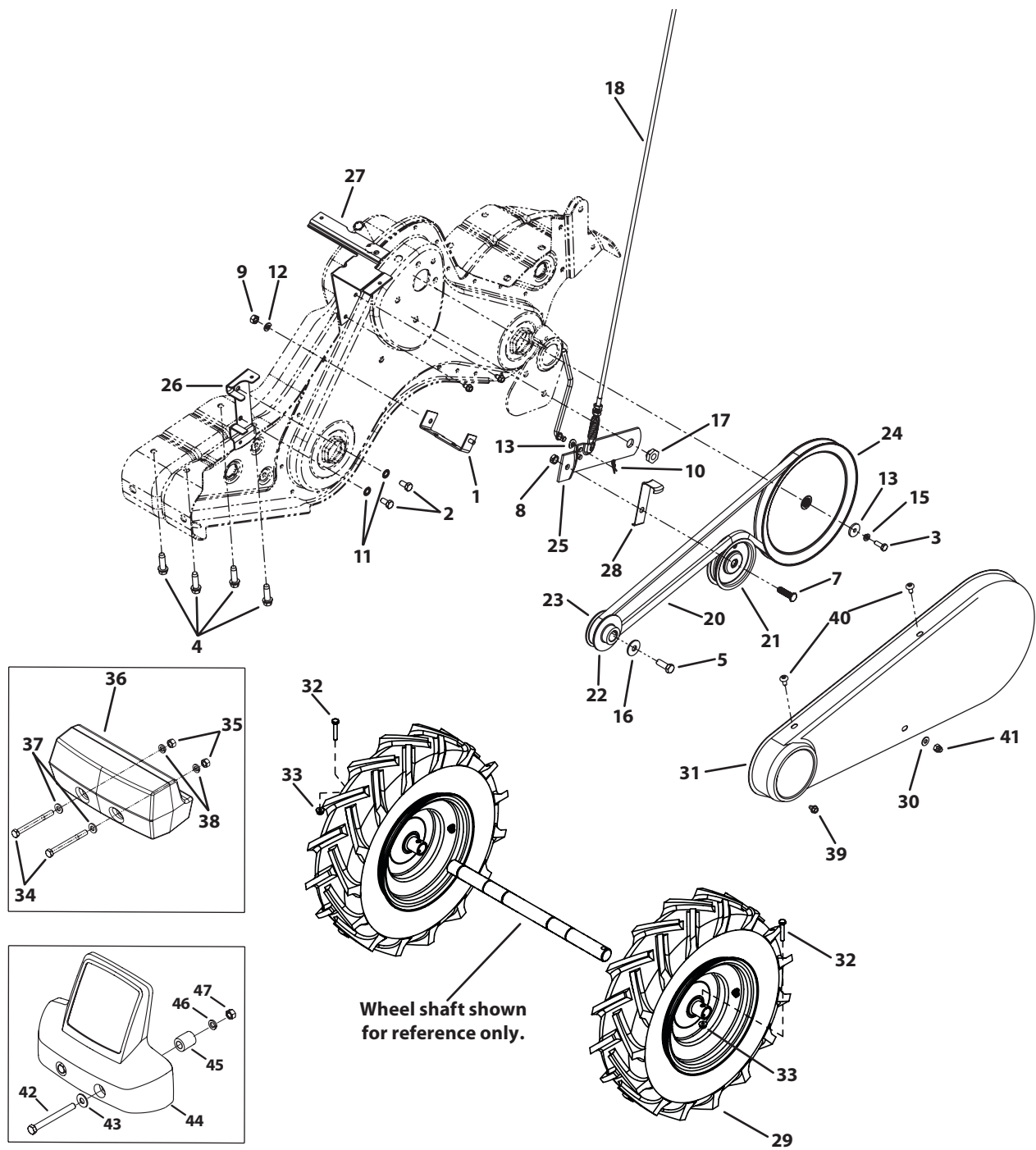
Model Series 450



Ref.	Part Number	Description
1.	747-1152	Shaft Rod
2.	649-0034	Lower Handle Tube Assembly
3.	649-0041	Upper Handle Assembly
4.	710-0946	Screw, 1/4-20 x 0.625
5.	710-3005	Hex Head Screw, 3/8-16:1.25
6.	710-3056	Hex Head Screw, 5/16-18 x 3.25
7.	911-0415	Clevis Pin, .375 X 1.75
8.	712-0324	Hexlock Nut, 1/4-20
9.	712-0379	Flangelock Nut, 3/8-24
10.	912-0429	Hexlock Nut, 5/16-18
11.	714-0147	Cotter Pin, .125 X 1.75 INTERNAL
12.	720-0210A	Small Tee Knob
13.	720-0278A	Foam Grip, .970 x 11.0
14.	720-0313	Grip, .1875 x 1.00
15.	726-0273	Battery Clamp, 5/16
16.	726-0317	Cable Tie, 8.5 LG
17.	735-0246A	End Plug
18.	936-0117	Washer, Flat, .385 x .620 x .033
19.	736-0242	Washer, Bell, .340 x .872 x .060
20.	736-3090	Washer, Flat, .260 x .720 x .060
21.	938-0958	Spacer, Shoulder, .50 x .190 x .360
22.	747-1219	Clutch Bail
23.	784-0190	Handle Adjustment Crank
24.	784-0191	Hex Nut Retainer Bracket
25.	786-0120	Tiller Depth Control
26.	786-0181	Shaft Rod Lever
27.	735-0127	Washer, Rubber, .33 ID x .125
28.	914-0104	Cotter Pin, .072 x 1.12 LG
29.	686-0044B	End Cover Assembly
30.	710-0176	Hex Head Screw, 5/16-18 x 2.75
31.	710-3008	Hex Head Screw, 5/16-18 x .75
32.	710-3022	Hex Head Screw, 3/8-16 x 2.75
33.	710-04482	Hex Head Flange, 3/8-16 x .875

Ref.	Part Number	Description
34.	712-04063	Flangelock Nut, 5/16-18
35.	712-04065	Flangelock Nut, 3/8-16
36.	712-0421	Wing Nut, 5/16-18 W/ Bell Washer
37.	926-0106	Speed Nut Cap, 1/4 ROD
38.	736-0204	Washer, Flat, .344 x .62 x .033
39.	938-0849	Screw, Hex, 5/16-18 x .75
40.	747-0432	Tiller Flap Rod
41.	750-0885A	Spacer, .322 x .625 x 2.00
42.	786-0090A	Side Shield
43.	786-0113A	Rear Tine Shield
44.	786-0176	RH Handle Mount Bracket
45.	786-0177	LH Handle Mount Bracket
46.	786-0178A	Tine Shield
47.	786-0179	FRT Tine Shield Bracket
48.	786-0180	FRT Tine Shield Spacer Bracket
49.	686-0109A	Shift Crank Assembly
50.	710-1017	Screw, 1/4-14 x .625
51.	915-0120	Spiral Pin, 3/16 x 1.0
52.	784-0208D	Shift Cover
53.	911-0415	Clevis Pin
54.	712-3054	Hex Nut, 3/8-24
55.	742-0305A	13" Articulating Tine
56.	938-0689	Shoulder Bolt
57.	936-0253	Bell Washer, .515" ID x 1.14" OD
58.	938-0688	Shoulder Bolt
59.	784-0160	Tine Adapter Assembly, 18"
60.	714-04043	Internal Cotter Pin
61.	936-0169	Lock Washer
62.	784-0161	Tine Adapter Plate
63.	731-07556	Cap
64.	936-0208	Washer, Flat, .51 x 1.5 x .07
65.	710-1307	Stud, 5/16-18 x .75

Model Series 450

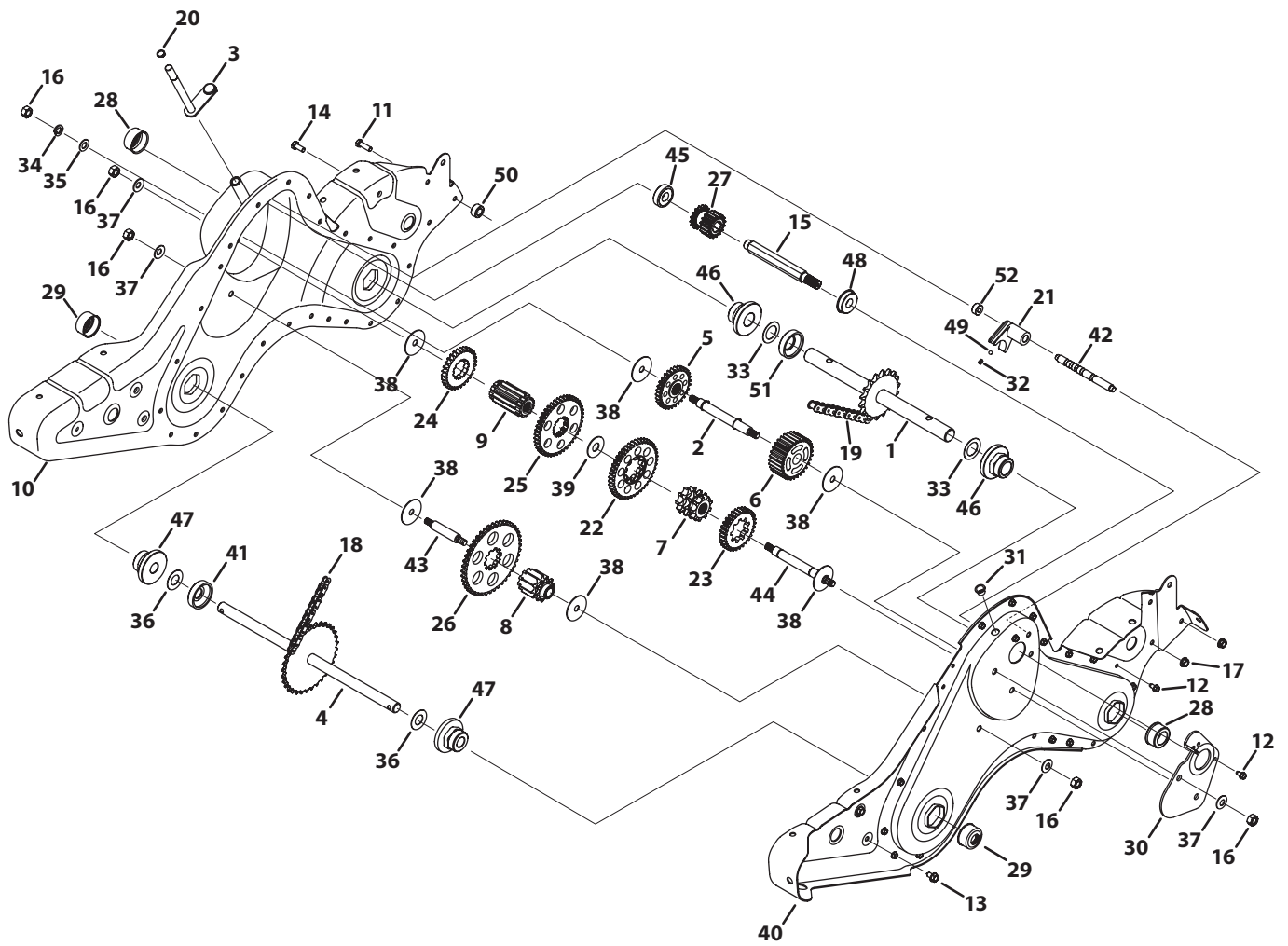


Ref.	Part Number	Description
1.	686-0111	Belt Cover Bracket Assembly
2.	710-0237	Hex Bolt, $\frac{5}{16}$ -24 x .62"
3.	710-0412	Hex Bolt, $\frac{1}{4}$ -28 x .75"
4.	710-0520	Hex Washer Screw, $\frac{3}{8}$ -16 x 1.50"
5.	710-1039	Hex Bolt, $\frac{3}{8}$ -24 x 1.0
6.	710-0599	Hex Washer Screw
7.	710-3005	Hex Cap Screw, $\frac{3}{8}$ -16 x 1.25
8.	712-0266A	Lock Jam Nut, $\frac{3}{8}$ -16
9.	912-3010	Hex Nut, $\frac{5}{16}$ -18
10.	914-0104	Internal Cotter Pin
11.	936-0104	Hairpin Clip
12.	936-0119	Lock Washer, $\frac{5}{16}$ "
13.	936-0176	Flat Washer, .25 ID x .93 OD
14.	936-0271	Spring Washer, .317 ID x .625 OD
15.	936-0329	Lock Washer, $\frac{1}{4}$ " ID
16.	936-0452	Bell Washer, .396 ID x 1.14 OD
17.	938-0876	Shoulder Nut, $\frac{7}{16}$ -20
18.	946-1117	Clutch Cable
19.	747-1159	Idler Pulley Rod
20.	954-0434	V-Belt
21.	756-0405	Flat Idler w/ Flange, 3.75 OD
22.	756-0971	Outer Engine Pulley Half
23.	756-0972	Inner Engine Pulley Half
24.	756-1162	Input Pulley

Ref.	Part Number	Description
25.	786-0064A	Idler Bracket
26.	786-0185A	Belt Keeper Bracket
27.	786-0187	Shift Cover Bracket
28.	786-0193	Idler Belt Keeper
29.	934-04231	Wheel Assembly, 16.0 x 4.6 x 8
30.	936-3020	Flat Washer, .271 ID x .630 OD
31.	784-0158A	Belt Cover
32.	710-0606	Hex Head Screw, $\frac{1}{4}$ -20
33.	712-04064	Flange Lock Nut, $\frac{1}{4}$ -20
34.	710-0382	Hex Bolt, $\frac{1}{2}$ -13 x 5.0
35.	912-0206	Hex Nut, $\frac{1}{2}$ -13
36.	723-0381†	Counterweight, 40 lbs.
37.	936-0326	Flat Washer
38.	936-0921	Lock Washer, $\frac{1}{2}$
39.	710-0653	Hex Screw, $\frac{1}{4}$ -20 x .375
40.	710-1017	Screw, $\frac{1}{4}$ -14 x .625
41.	712-0392	Lock Nut
42.	710-0506	Hex Head Screw, 1/2-13 x 5.50
43.	936-0179	Washer, Flat, 1/2 x 1.25 x .100
44.	731-1595†	Counterweight
45.	750-0194	Hub, .636 ID x 1.00 OD x .94
46.	936-0921	Washer, Lock, 1/2
47.	912-3066	Hex Nut, 1/2-20

† If Equipped

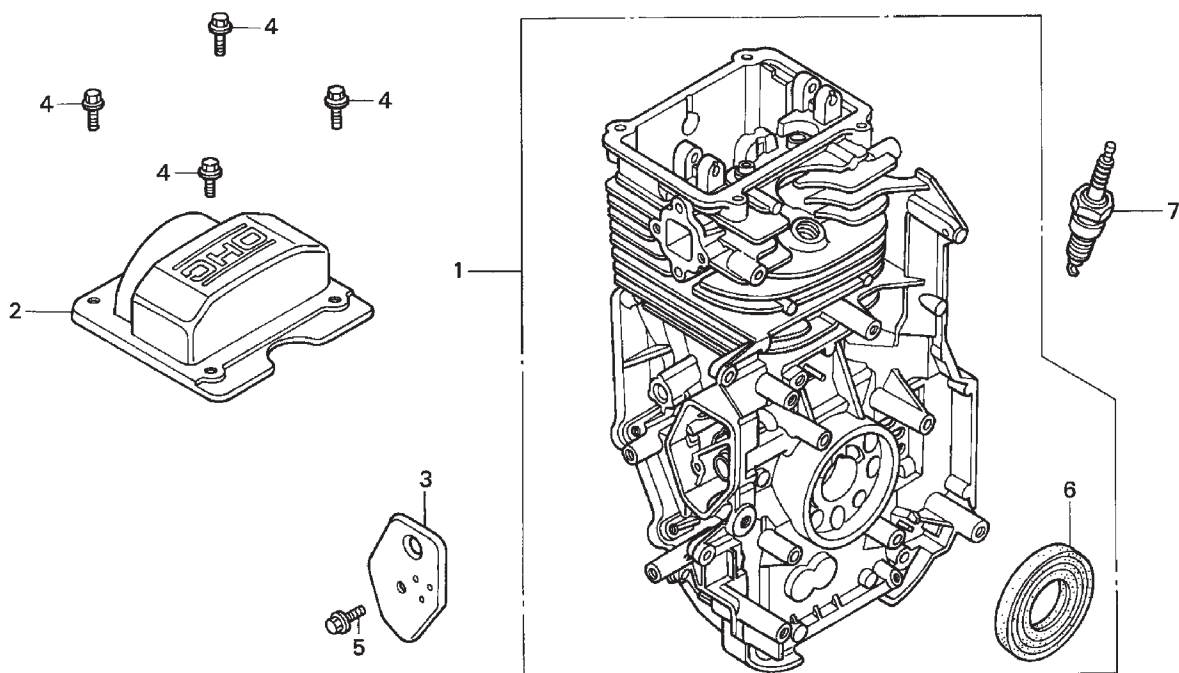
Model Series 450



Ref.	Part Number	Description
1.	611-0021	Shaft Assembly, Tine, 18T
2.	611-0128	Shaft Assembly, Jack
3.	611-0129	Shaft Assembly, Shift Input
4.	611-04074A	Shaft Assembly, Wheel, 33T
5.	617-0058	Gear Assembly, 30T Reverse Idler
6.	617-0059	Gear Assembly, 30T Tine Idler
7.	617-0060	Sprocket Assembly, 9T Tine Input
8.	617-0061	Sprocket Assembly, 10T Whl Input
9.	617-0062	Gear Assembly, 11T
10.	686-0108A	RH Chain Case Housing Assembly
11.	710-0376	Hex Head Screw, 5/16-18 x 1.00
12.	710-0599	Screw, 1/4-20 x 0.500
13.	710-0604A	Screw, :5/16-18 x 0.625
14.	710-3008	Hex Head Screw, 5/16-18 x .75
15.	711-1349	Input Shaft, .75
16.	712-0378	Nut, Hex, 7/16-20
17.	712-3004A	Nut, Flangelock, 5/16-18
18.	913-0367	Endless Chain, #420 x 50 Links
19.	913-0484	Endless Chain, #50 x 54 Links
20.	716-0865	Snap Ring, .500
21.	717-0853A	Clutch Collar
22.	717-1582	Gear Spur, 44T
23.	717-1583	Gear Spur, 30T
24.	717-1584	Gear Spur, 30T
25.	717-1585	Gear Spur, 44T
26.	717-1587	Gear Spur, 44T
27.	717-1594	Gear Spur, 16T

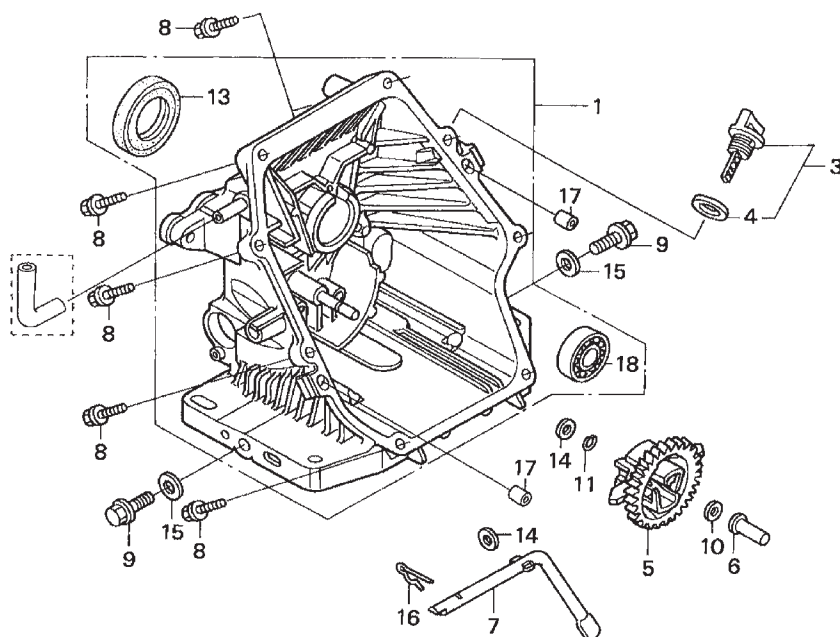
Ref.	Part Number	Description
28.	921-0378	Shaft Seal, 1.0
29.	721-0379	Shaft Seal, .75
30.	786-0238	Positioner Gear Bracket
31.	726-0277	Tapered Cap Plug
32.	732-04778	Compression Spring, .230 OD
33.	936-0163	Washer, Flat, 1.03 x 1.62 x .03
34.	936-0171	Washer, Lock, 7/16
35.	936-0226	Washer, Flat,.474 x .879 x .064
36.	936-0351	Washer, Flat, .760 ID x 1.50 OD
37.	736-0407	Washer, Bell,.45 x 1.00 x .062
38.	736-0518	Washer, Thrust, .445 x 1.92 x .060
39.	736-3088	Washer, Flat,1.595 x .635 x .062
40.	686-04129	LH Chain Case Housing
41.	950-0671	Spacer, .75 x 2.0 x .50
42.	738-0645	Shaft Detent, .5 DIA
43.	738-0648	Shaft, Jack, .625 x 2.385
44.	738-04424A	Shaft, Jack, .6250 x 5.0050
45.	941-0600	Ball Bearing, 17 x 40 x 12:6203
46.	941-0420	Flange Bearing, 1.0 x 2.5 x 1.38
47.	741-0421	Flange Bearing, .75 x 2.5 x 1.38
48.	941-0563	Ball Bearing, 17 x 40 x 12:6203
49.	741-0862	Ball, Detent, .250
50.	750-0258	Spacer, .315 x .750 x .375 LG
51.	950-0570	Spacer, 1.0 ID x 2.0 OD x.5 LG
52.	750-0664	Spacer, .505 ID x .88 OD x .440
—	986-04074B	Gear Case Assembly Complete

Honda GCV190LA Cylinder



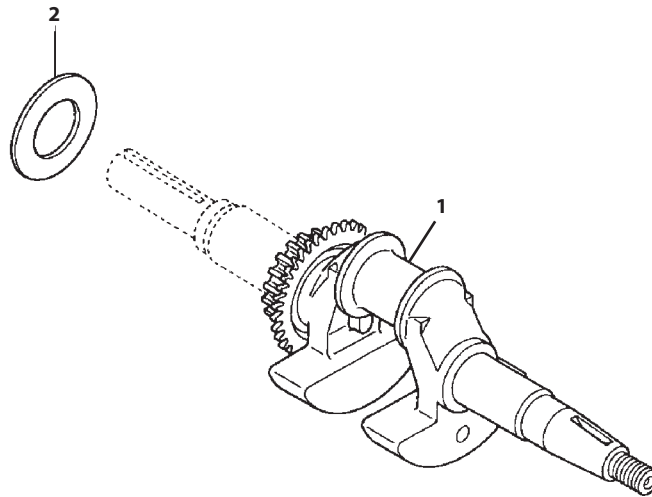
Ref.	Part Number	Description
1.	12000-Z0Y-415	Cylinder Assembly
2.	12310-Z0J-000	Head Cover
3.	12355-ZL8-000	Breather Cover , Valve Assembly
4.	90013-883-000	Flange Bolt, 6 X 12
5.	90014-952-000	Flange Bolt, 6 X 14
6.	91201-Z0Y-003	Oil Seal, 25.4 X 62 X 6
7.	98079-56846	Spark Plug (BPR6ES NGK)

Honda GCV190LA Crankcase Cover



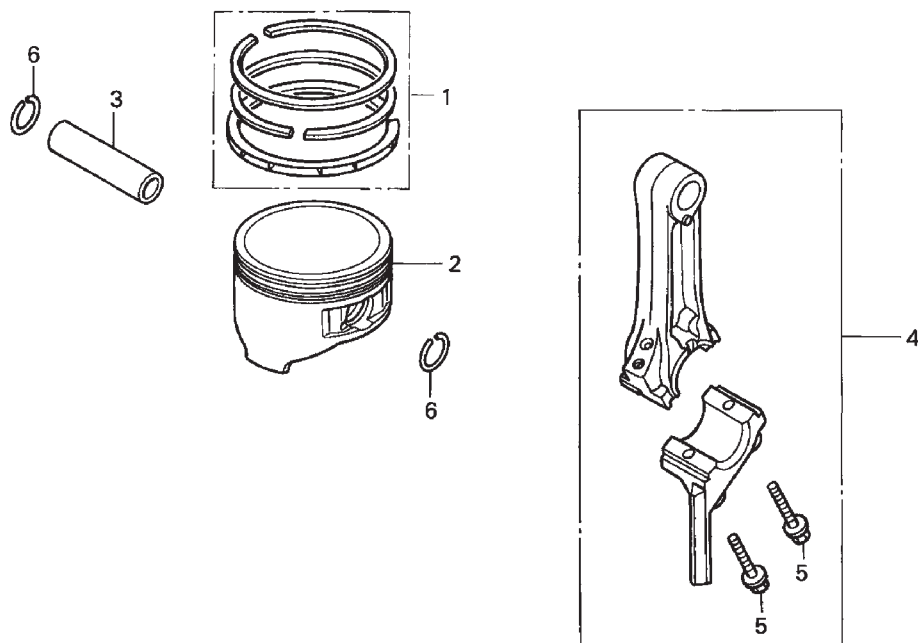
Ref.	Part Number	Description
1.	11300-Z0Y-Y06	Crankcase Cover Assembly
3.	15650-Z0L-000	Oil Filler Cap Assembly
4.	15625-ZE6-000	Oil Filler Cap Gasket
5.	16510-ZM0-010	Governor Assembly
6.	16531-ZE1-000	Governor Slider
7.	16541-ZM0-000	Governor Arm Shaft
8.	90121-952-000	Flange Bolt, 6 x 25
9.	90131-883-000	Drain Plug Bolt
10.	90451-ZE1-000	Thrust Washer, 6mm
11.	90602-ZE1-000	Governor Holder Clip
13.	91202-ZL8-003	Oil Seal, 28 x 41.25 x 6
14.	94101-06800	Plain Washer, 6mm
15.	94109-12000	Drain Plug Washer, 12mm
16.	94251-08000	Lock Pin, 8mm
17.	94301-08200	Dowel Pin, 8 x 20

Honda GCV190LA Crankshaft



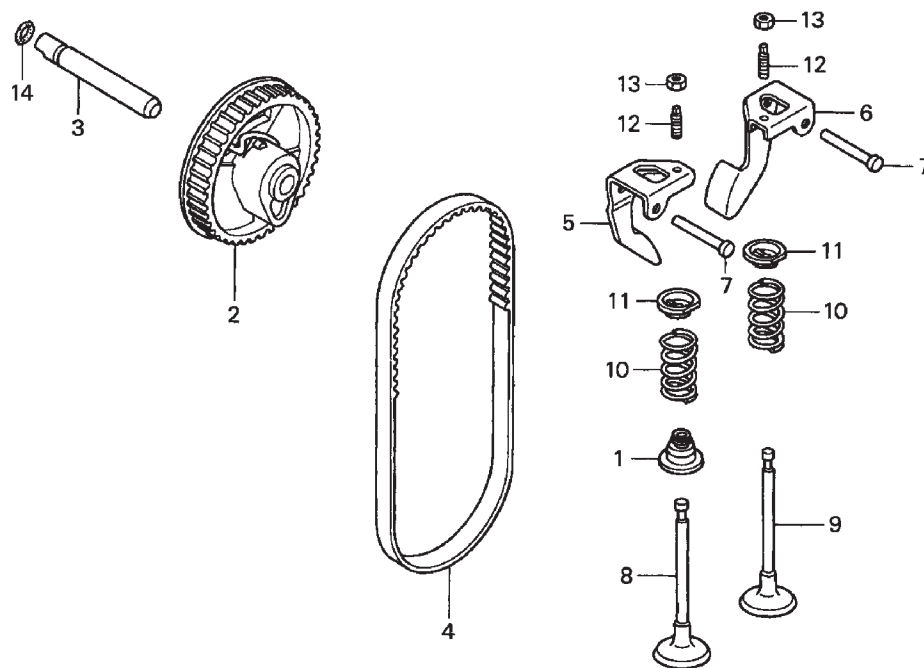
Ref.	Part Number	Description
1.	13310-Z0Y-610	Crankshaft (M-Type)
2.	90402-ZL8-000	Thrust Washer

Honda GCV190LA Piston



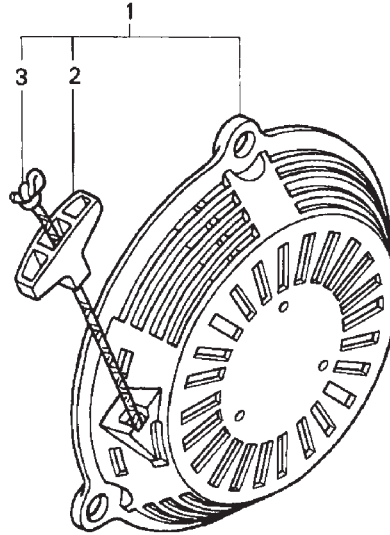
Ref.	Part Number	Description
1.	13010-Z0Y-014	Piston Ring Set (Teikoku)
2.	13101-Z0Y-010	Piston
3.	13111-Z0Y-000	Piston Pin
4.	13200-Z0Y-000	Connecting Rod Assemblt
5.	90001-ZE1-000	Connecting Rod Bolt
6.	90551-ZE0-000	Piston Pin Clip, 13mm

Honda GCV190LA Camshaft



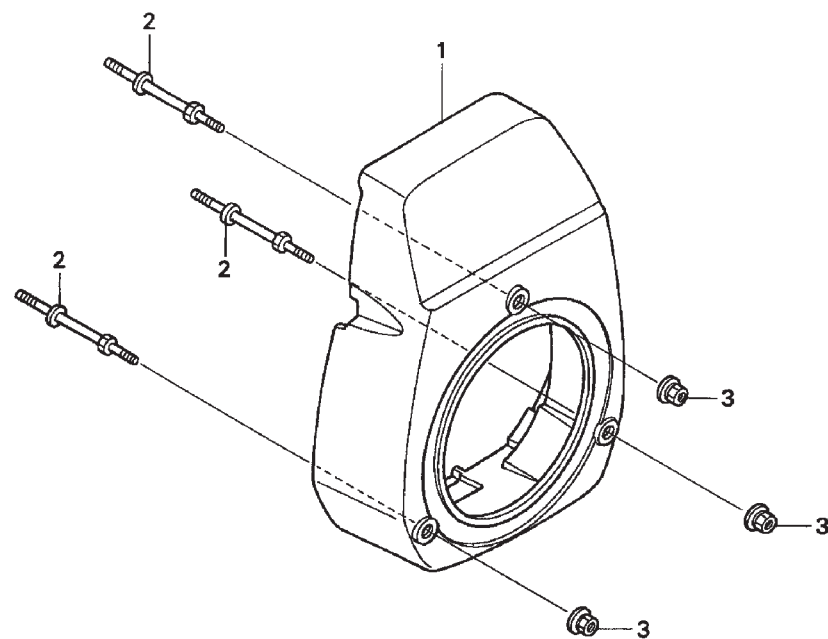
Ref.	Part Number	Description
1.	12209-ZM0-003	Valve Stem Seal
2.	14320-Z0Y-000	Cam Pulley
3.	14324-ZL8-000	Cam Pulley Shaft
4.	14400-Z0J-014	Timing Belt, 84HU& G-200
5.	14431-Z0J-000	Internal Valve Rocker Arm
6.	14441-Z0J-000	External Valve Rocker Arm
7.	14461-ZL8-000	Rocker Arm Shaft
8.	14711-Z0J-000	Internal Valve
—	14711-Z0J-000	Internal Valve
9.	14721-ZL8-000	External Valve
10.	14751-ZL8-000	Valve Spring
11.	14777-Z0J-000	Internal Valve Spring Retainer
12.	90012-333-000	Tappet Adjustable Screw
13.	90206-001-000	Tappett Adjustable Nut
14.	91301-ZM0-V31	O-Ring, 6.8 x 1.9

Honda GCV190LA Recoil Starter



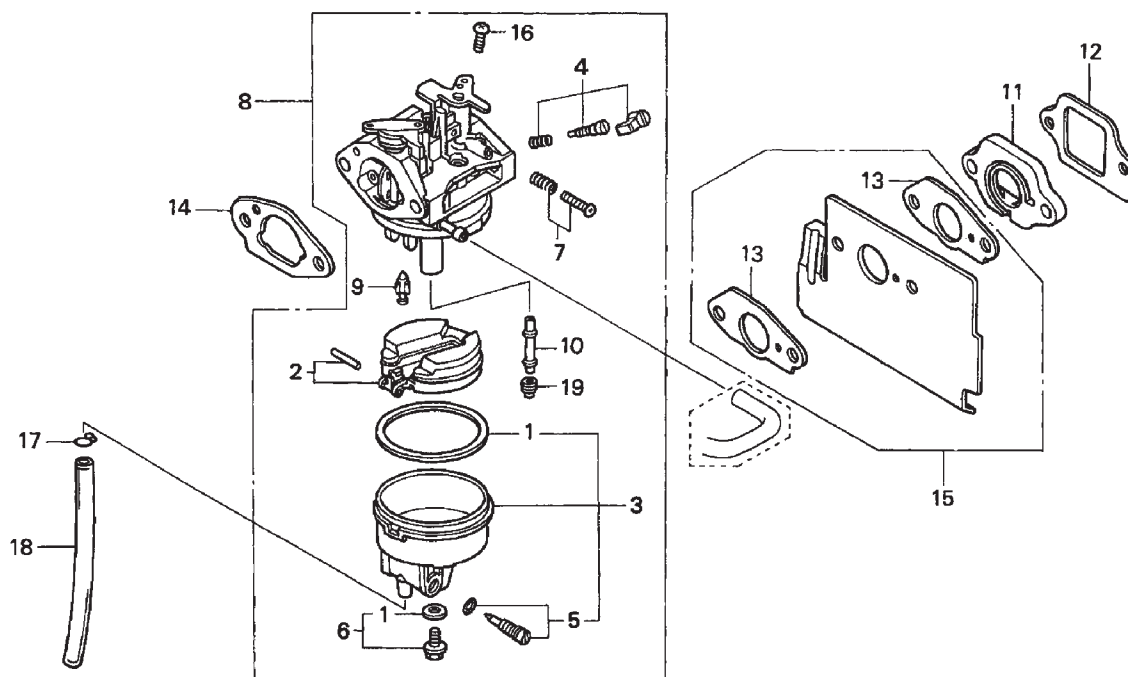
Ref.	Part Number	Description
1.	28400-Z0Y-V202A	Recoil Starter Assembly (Black)
—	28400-Z1A-013ZB	Recoil Starter Assembly (Power Red)
2.	28461-ZL8-003	Recoil Starter Knob
3.	28462-ZL8-003	Recoil Starter Rope, #3.5 x 52"

Honda GCV190LA Fan Cover



Ref.	Part Number	Description
1.	19610-Z0L-851ZA	Fan Cover (Black)
—	19610-Z0L-850ZE	Fan Cover (Power Red)
2.	90043-ZL8-000	Stud Bolt
3.	19619-ZL8-300	Flange Nut, 6mm

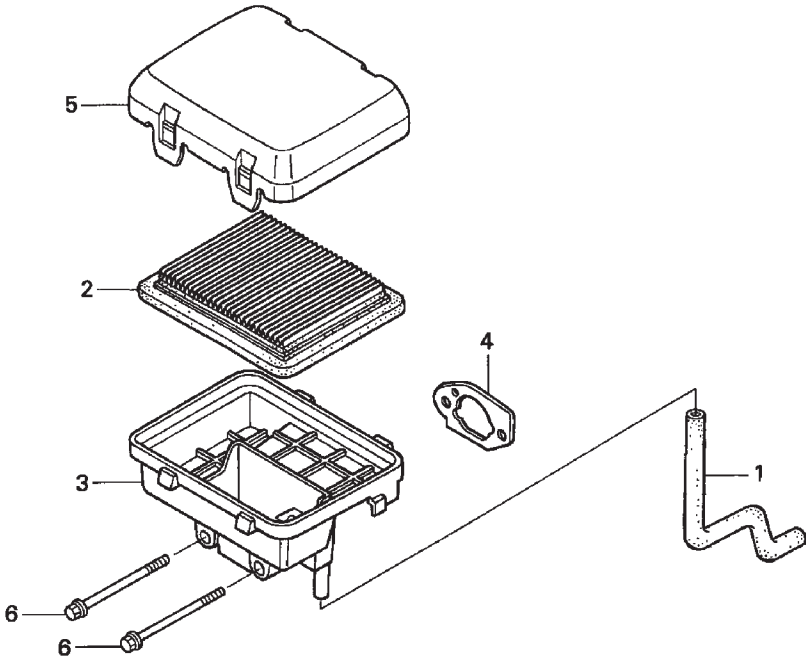
Honda GCV190LA Carburetor



Ref.	Part Number	Description
1.	16010-883-015	Gasket Set
2.	16013-ZL1-003	Float Set
3.	16015-887-782	Float Chamber Set
4.	16016-ZG0-W00	Screw Set
5.	16024-ZE1-811	Drain Screw Set
6.	16028-ZE0-005	Screw Set B
7.	16029-ZG0-901	Screw Set
8.	16100-Z0Y-821	Carburetor Assembly, BB65C A
9.	16155-ZM0-013	Float Valve
10.	16166-Z1A-003	Main Nozzle
11.	16211-ZL8-000	Carburetor Insulator

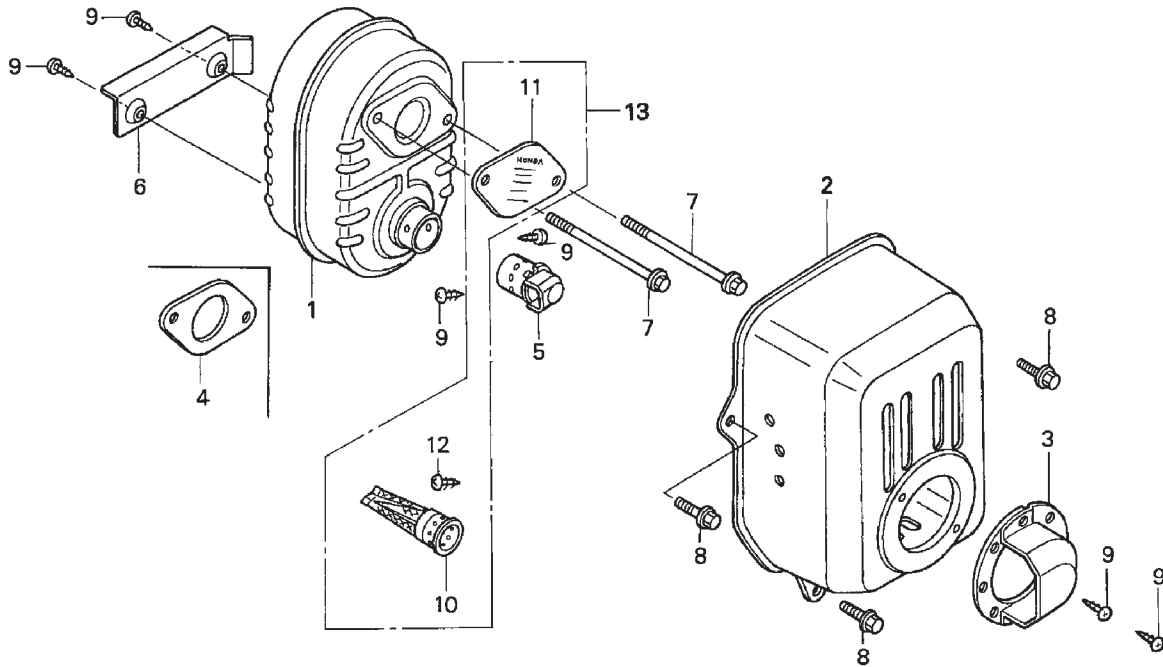
Ref.	Part Number	Description
12.	16212-ZL8-000	Insulator Gasket
13.	16221-887-800	Carburetor Gasket
14.	16228-ZL8-000	Carburetor Gasket (Choke Side)
15.	19650-ZM0-000	Air Guide
16.	93500-05006-1H	Pan Screw, 5 x 6
17.	95002-02080	Tube Clip, B8
18.	95003-07008-60M	Vinyl Bulk Hose (4X7X8000, 4X7X150)
19.	99101-124-0650	Main Jet, #70
—	99101-124-0650	Main Jet, #65
—	99101-124-0680	Main Jet, #68

Honda GCV190LA Air Filter



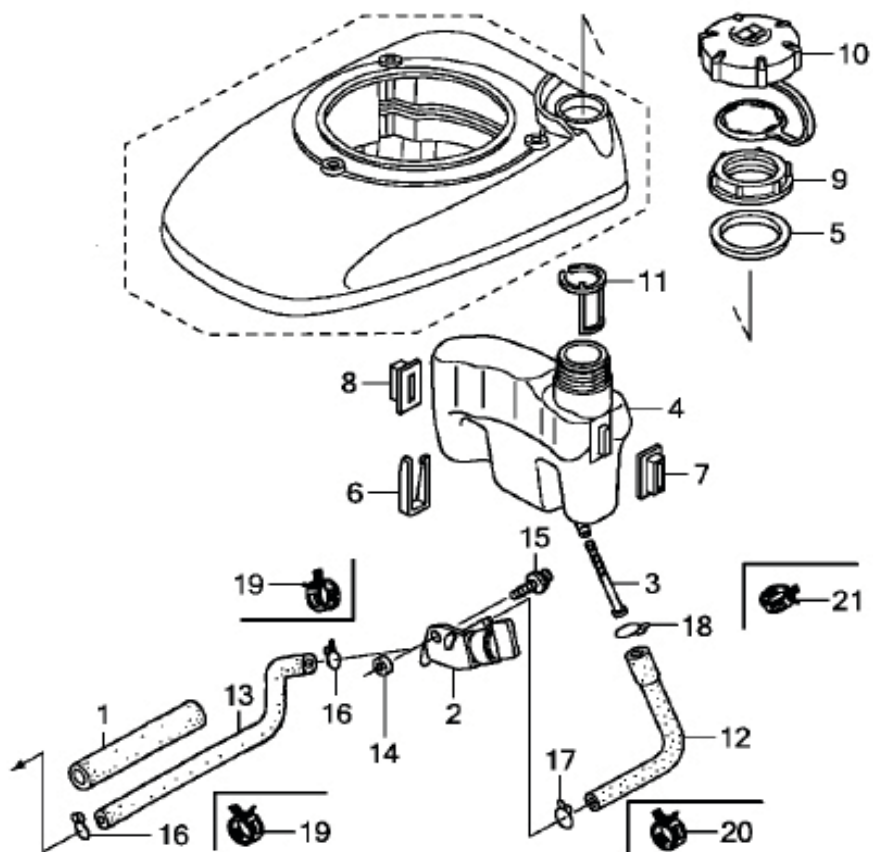
Ref.	Part Number	Description
1.	15721-ZM0-000	Breather Tube
2.	17211-ZL8-023	Air Cleaner Element
3.	17220-ZM0-020	Air Cleaner Housing
4.	17228-ZM0-000	Air Cleaner Gasket
5.	17231-Z0L-040	Air Cleaner Cover
6.	90003-ZM0-000	Flange Bolt, 6 x 112

Honda GCV190LA Muffler



Ref.	Part Number	Description
1.	18310-Z0J-000	Muffler
2.	18321-Z0L-000	Muffler Protector
4.	18381-ZL8-305	Muffler Gasket
6.	19664-ZL8-000	Muffler Shroud
7.	90004-ZL8-000	Flange Bolt, 6 x 79
8.	90013-883-000	Flange Bolt, 6 x 12
9.	90055-ZE1-000	Tapping Screw, 4 x 6
10.	18350-ZL8-000	Spark Arrester
11.	18356-ZL8-000	Arrester Number Plate
12.	90055-ZE1-000	Tapping Screw, 4 x 6
13.	06180-Z0J-000	Spark Arrester Kit

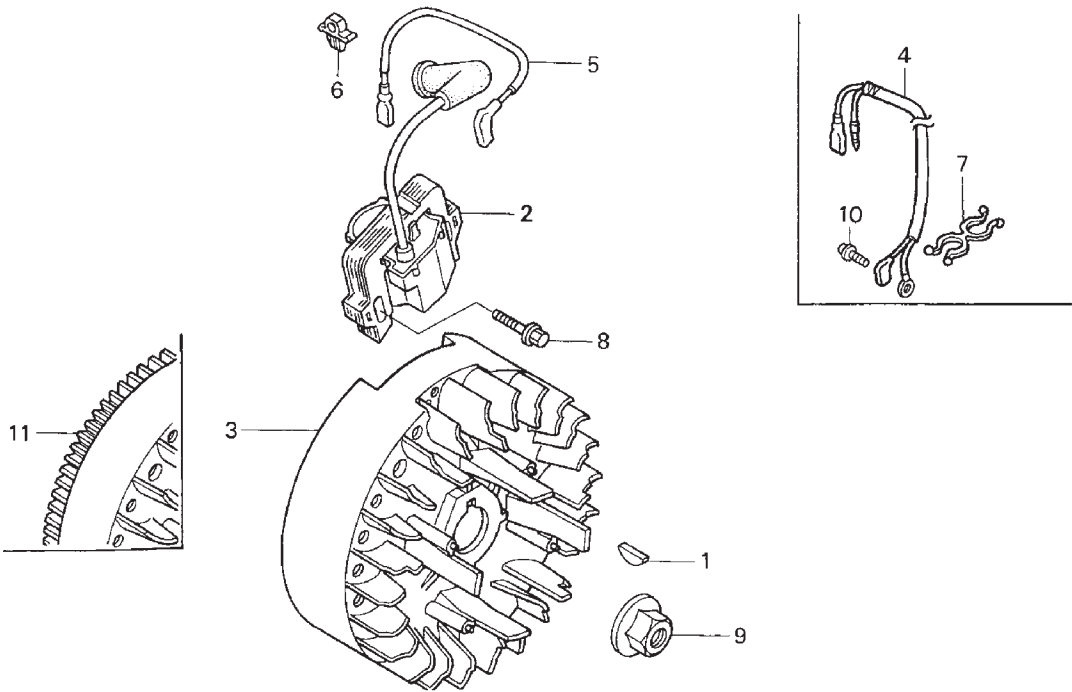
Honda GCV190LA Fuel System



Ref.	Part Number	Description
1.	16854-ZH8-000	Supporter Rubber, 107mm
2.	16950-ZM0-003	Fuel Pump Assembly
3.	16952-ZA8-800	Fuel Strainer
4.	17511-Z0L-010	Fuel Tank
5.	17514-Z0L-000	Fuel Filler Neck Seal
6.	17516-Z0L-000	Tank Mounting Clip
7.	17532-Z0L-000	Tank Mounting Rubber, A
8.	17533-Z0L-000	Tank Mounting Rubber, B
9.	17534-Z0L-000	Tank Mounting Nut
10.	17620-Z0J-800	Fuel Cap Assembly
11.	17636-Z0L-000	Fuel Level Gauge

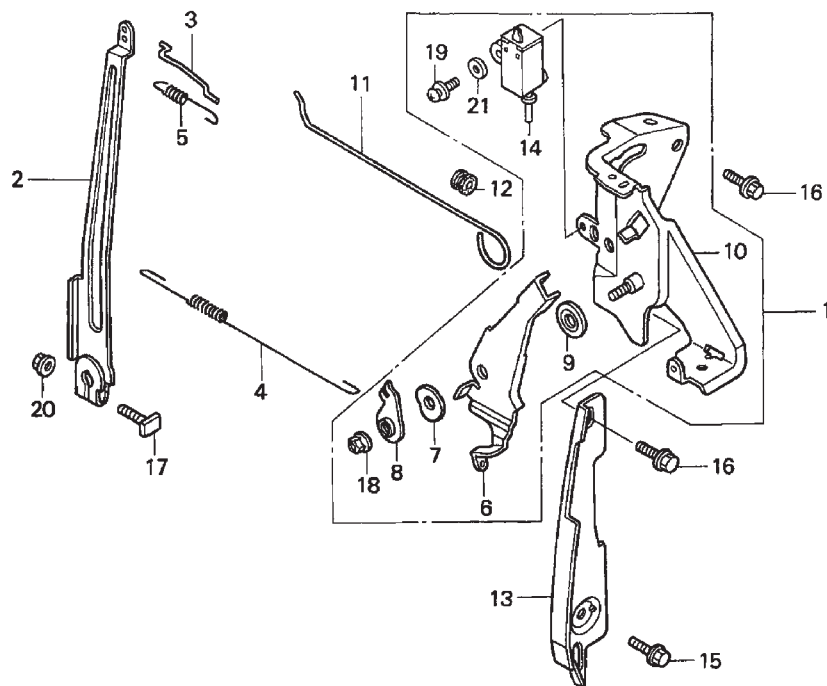
Ref.	Part Number	Description
12.	17701-Z0L-810	Fuel Tank Tube
13.	17702-ZM0-800	Fuel Tube
14.	33609-GK4-620	Collar
15.	93891-05010-08	Screw-Washer, 5 x 10
16.	95002-02080	Tube Clip, B8
17.	95002-02100	Tube Clip, B10
18.	95002-7000	Tube Clip, C11
19.	95002-40800-08	Tube Clamp, D8
20.	95002-41000-08	Tube Clamp, D10
21.	95002-41200-08	Tube Clamp, D12

Honda GCV190LA Flywheel



Ref.	Part Number	Description
1.	13331-357-000	Special Woodruff Key, 25 x 18
2.	30500-Z0J-003	Ignition Coil Assembly
3.	31105-Z0Y-010	Flywheel
5.	32195-ZM0-800	Stop Switch Wire
6.	51125-Z0L-003	Stop Switch Wire Holder
8.	90022-888-010	Flange Bolt, 6 x 20
9.	90213-S3Y-000	Flange Nut, 14mm

Honda GCV190LA Controls

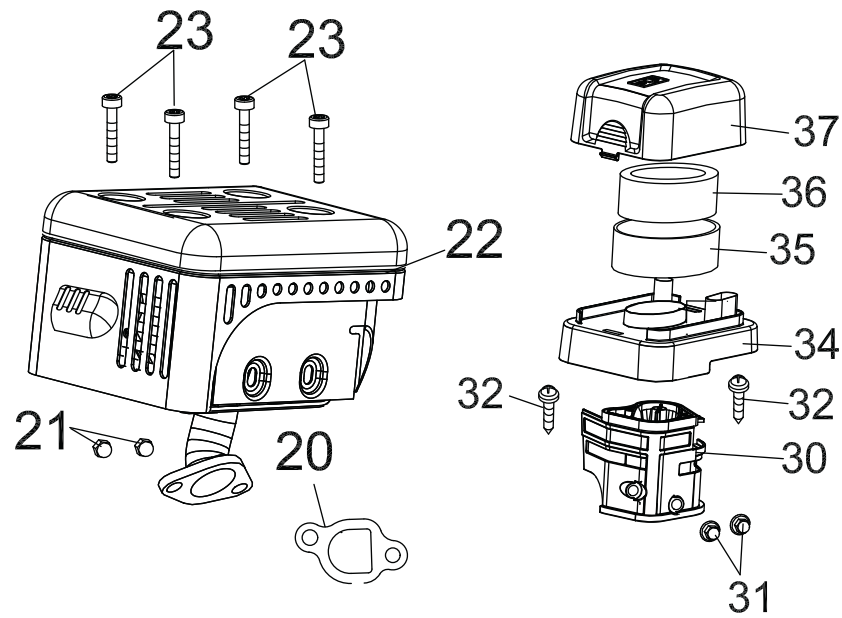


Ref.	Part Number	Description
1.	16500-ZL8-000	Control Assembly
2.	16551-ZM0-010	Governor Arm
3.	16555-Z0L-800	Governor Rod
4.	16561-ZM0-V30	Governor Spring
5.	16562-ZM0-000	Throttle Return Spring
6.	16612-ZM0-V30	Control Lever
7.	16574-ZE1-000	Lever Spring
8.	16575-ZE2-W00	Control Lever Washer
9.	16578-ZE1-000	Control Lever Spacer
10.	16580-Z0L-810	Control Base
11.	16674-ZM0-V30	Choke Control Rod

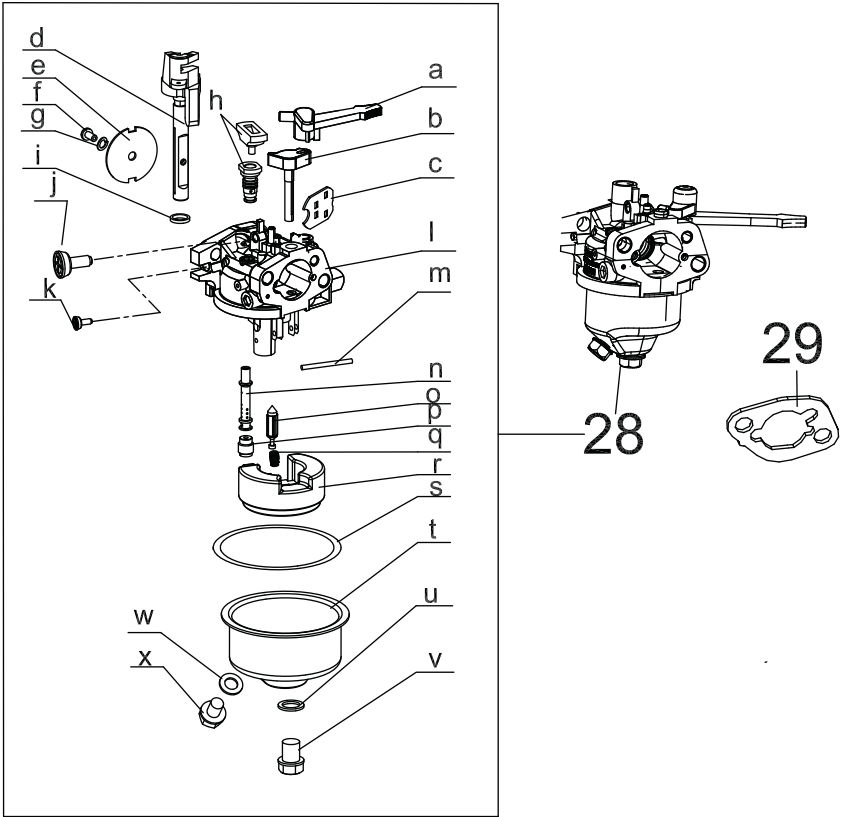
Ref.	Part Number	Description
12.	16613-893-000	Choke Rod Grommet
13.	19612-ZL8-000	Side Plate
14.	35120-ZL8-003	Engine Stop Switch Assembly
15.	90013-883-000	Flange Bolt, 6 x 12
16.	90014-952-000	Flange Bolt, 6 x 14
17.	90015-ZE5-010	Governor Arm Bolt
18.	90114-SA0-000	Self-lock Nut, 6mm
19.	93892-04012-00	Screw-Washer, 4 x 12
20.	94050-06000	Flange Nut, 6mm
21.	94103-04000	Plain Washer, 4mm

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170-V0B Air Cleaner & Muffler



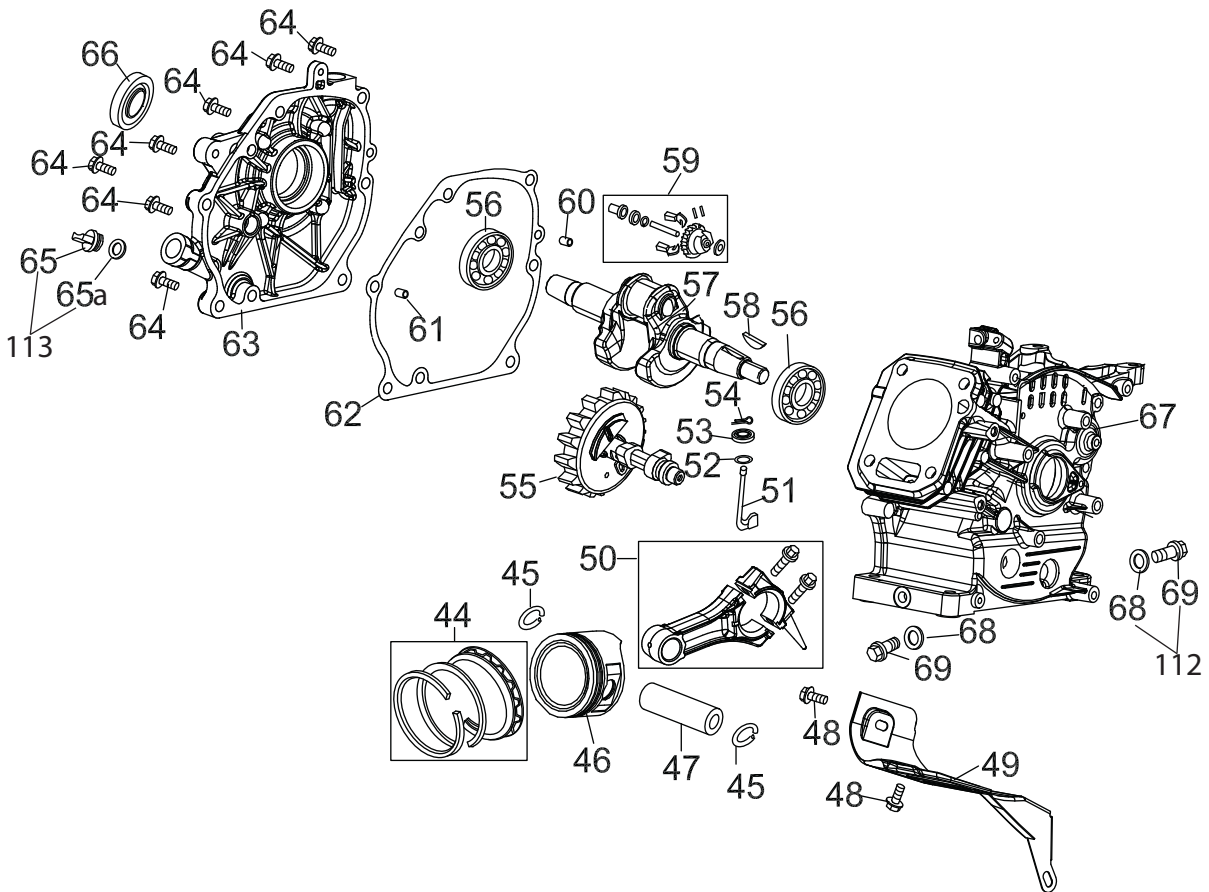
Ref.	Part Number	Description
20	951-11285	Exhaust Pipe Gasket
21	712-04214	Nut, M8
22	751-12294	Muffler Assembly
23	710-05002	Bolt
30	951-10806	Air Cleaner Housing
31	712-04213	Nut
32	710-05102	Self-Tapping Bolt M4.2×16
34	951-12135	Silencer Plate
35	951-10794	Air Cleaner Assembly
36	951-10794	Air Cleaner Assembly
37	951-12136	Air Cleaner Cover



Ref.	Part Number	Description
28	951-10797	Carburetor Assembly
29	951-11571	Carburetor Gasket Plate
a	951-11177	Control Lever,Choke
b	N/A	Choke Shaft
c	N/A	Choke Plate
d	N/A	Throttle Shaft
e	N/A	Throttle Plate
f	N/A	Screw M3×5
g	N/A	Lock Washer
h	N/A	Idle Jet Assembly
i	N/A	Gasket, Throttle Plate
j	N/A	Idle Speed Adjusting Screw
k	N/A	Mixture Screw
l	N/A	Carburetor Body

Ref.	Part Number	Description
m	N/A	Float Pin
n	N/A	Emulsion Tube
o	N/A	Needle Valve
p	N/A	Main Jet
q	N/A	Needle Valve Spring
r	N/A	Float
s	951-11589	Fuel Bowl Gasket
t	N/A	Fuel Bowl
u	951-11348	Fuel Bowl Gasket
v	710-04945	Fuel Bowl Mounting Bolt
w	951-11349	Fuel Drain Plug Gasket
x	710-04938	Fuel Drain Plug
	951-12119	Carburetor Kit - Major (Incl Ref. l,m,n,o,p,q,r,s,u & w)

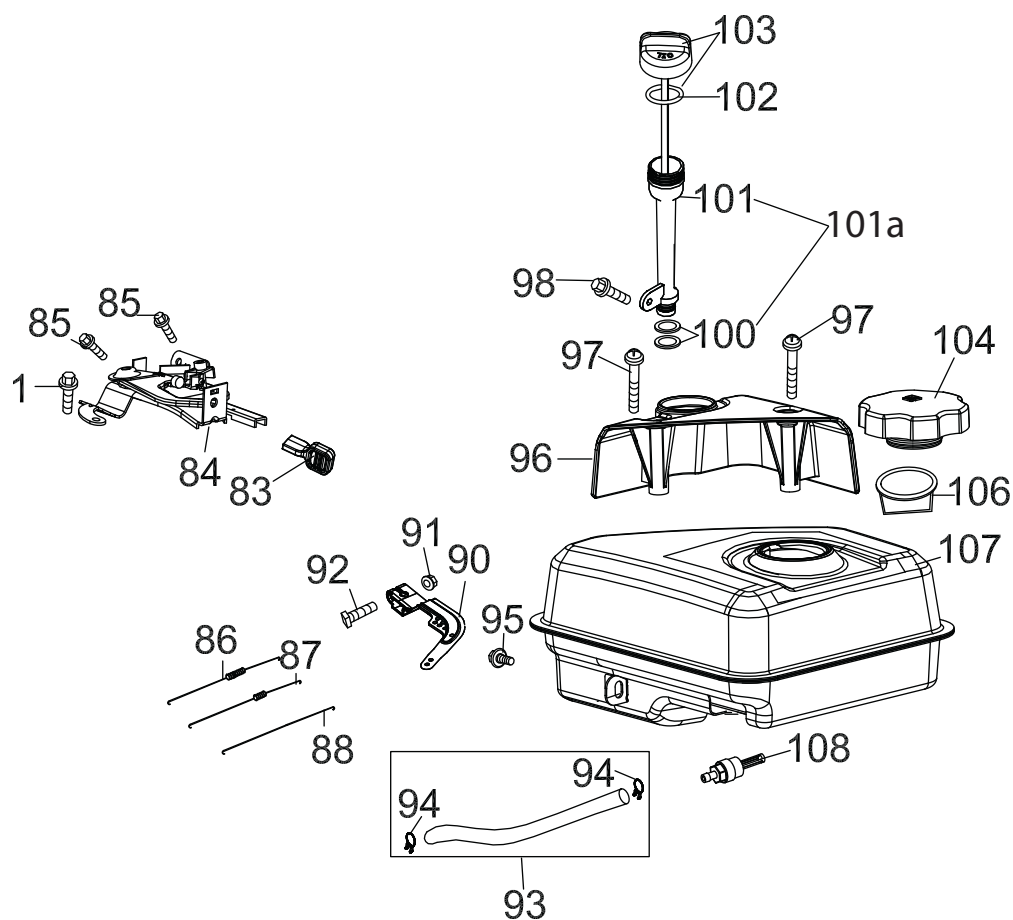
170-V0B Crankcase



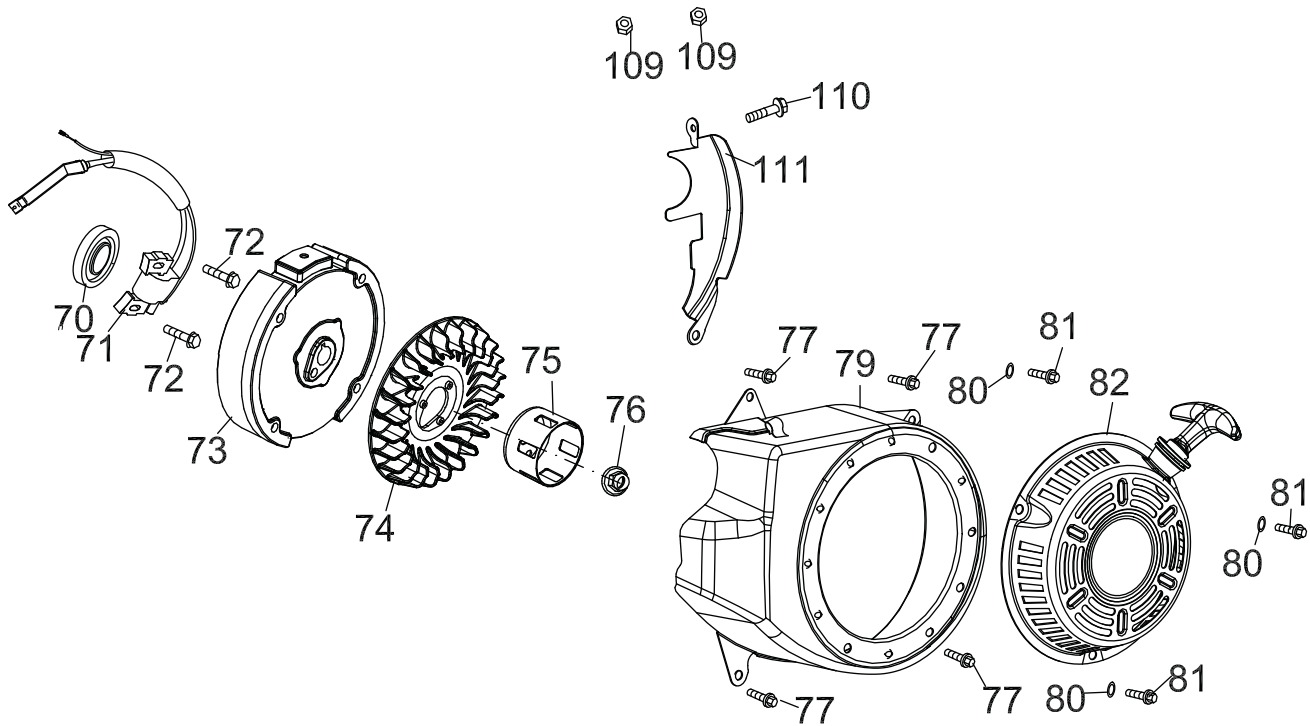
Ref.	Part Number	Description
44	951-11253	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12007	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6×12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer 5.2×1.9
53	951-11574	Governor Seal
54	714-04074	Cotter Pin
55	951-11575	Camshaft Assy.
56	951-11369	Radial Ball Bearing, 6205
57	951-12160	Crankshaft Assembly
58	951-10307	Woodruff Key
59	951-11576	Governor Gear/Shaft Assembly

Ref.	Part Number	Description
60	715-04092	Dowel Pin 7×14
61	715-04089	Dowel Pin 9×14
62	951-11371	Crankcase Cover Gasket
63	951-12125	Cover Comp, Left Crankcase
64	710-04932	Bolt M8×32
65	951-11377	Oil Filler Plug Ass'y
65a	951-11577	O-Ring
66	951-11578	Oil Seal, 25×41.25×6
67	951-12155	Short Block (Incl Ref. 4,20,25,26,38, 40,41,44-47,50-70
68	736-04440	Washer 10×16×1.5
69	710-04906	Oil Drain Plug
112	951-10370	Oil Drain Plug & Washer Assembly
113	951-11283	Oil Fill Plug Assembly

170-V0B Fuel Tank



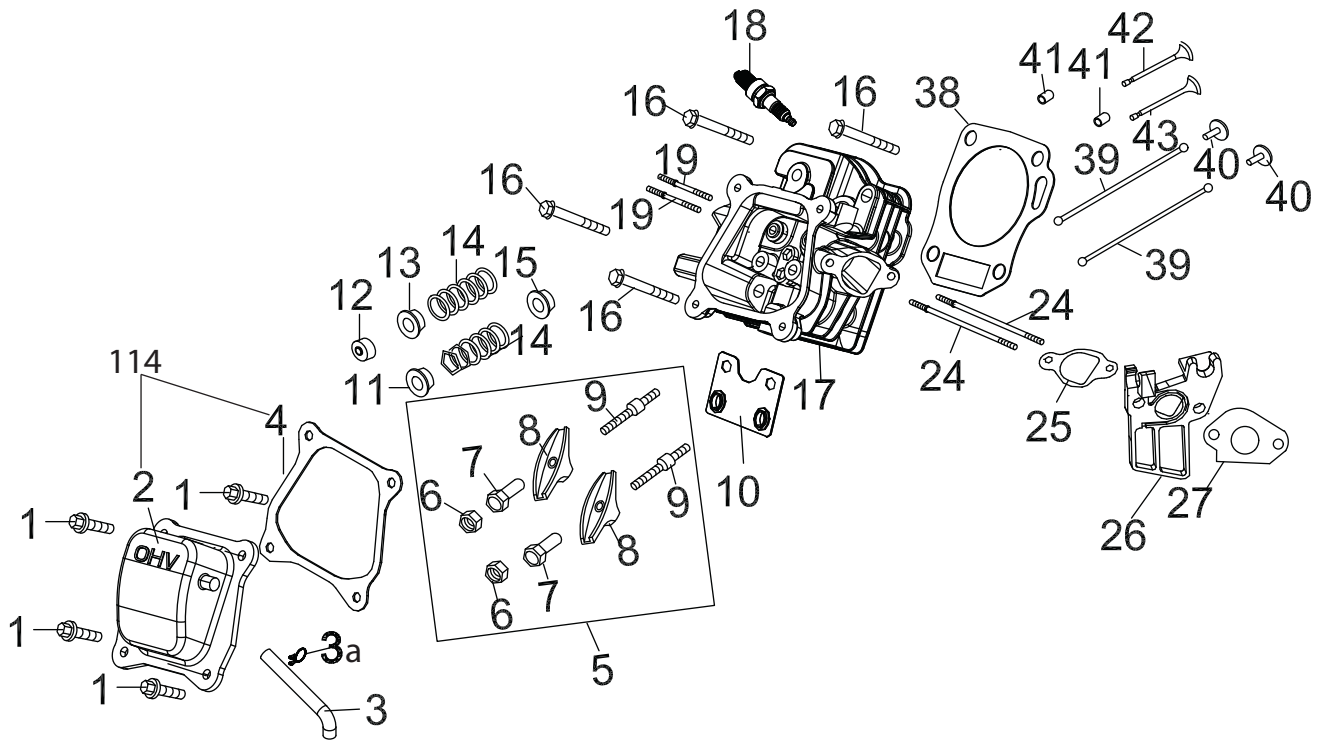
Ref.	Part Number	Description	Ref.	Part Number	Description
1	710-04968	Bolt M6x16	96	951-11914	Dipstick Decoration Cover
83	951-11067	Throttle Control Knob	97	710-04905	Bolt
84	951-12131	Primer Bracket	98	710-04915	Bolt M6x12
85	710-04928	Bolt M6x12	100	951-11903	Oil Fill Tube O-Ring
86	951-11585	Governor Spring	101	951-10656	Oil Fill Tube
87	951-10664	Throttle Linkage Spring	101a	951-11913	Oil Fill Tube Assembly
88	951-10665	Throttle Linkage	102	951-11904	Oil Fill Tube O-Ring
90	951-11106	Governor Arm	103	951-11912	Dipstick Assembly
91	712-04212	Nut M6	104	951-10917	Fuel Cap Assembly
92	710-04908	Governor Arm Bolt	106	951-11933	Fuel Filter
93	951-10650	Fuel Line Kit	107	951-12159	Fuel Tank
94	951-11700	Fuel Hose Clamp	108	951-10651	Fuel Tank Nipple
95	710-04915	Bolt M6x12			



Ref.	Part Number	Description
70	951-12126	Oil Seal 25×41.25×6
71	951-10792	Ignition Coil Assembly
72	710-04919	Bolt M6×25
73	951-10805	Flywheel
74	951-10909	Fan, Cooling
75	951-10911	Pulley, Starter
76	712-04209	Nut, Special, M14×1.5
77	710-04915	Bolt M6×12

Ref.	Part Number	Description
79	951-11583	Blower Housing
80	736-04455	Flat Washer
81	710-04974	Bolt M6×10
82	951-12127	Recoil Starter
109	712-04212	Nut, M6
110	710-04918	Bolt M6×20
111	951-11109	Blower Housing Shield

170-V0B Cylinder Head

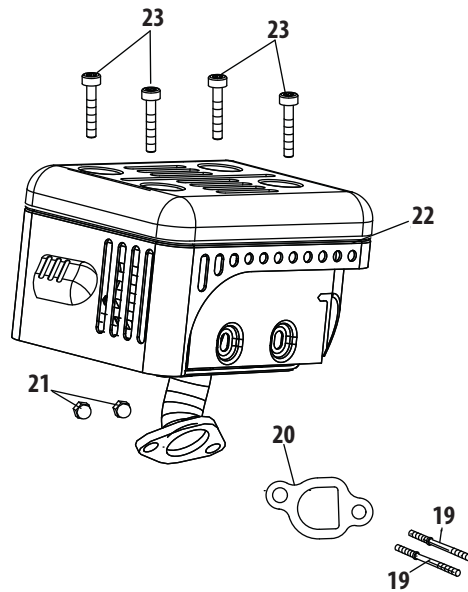


170-V0B Cylinder Head

Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	731-07059	Breather Hose
3a	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut, Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt, Pivot
10	951-11895	Push Rod Guide
11	951-12000	Retainer, In.Valve Spring
12	951-12002	Adjuster, Exh Valve
13	951-12003	Retainer, Ex.Valve Spring
14	951-12004	Valve Spring
15	951-11894	Intake Valve Seal
16	710-04933	Bolt M8×55
17	951-10668A	Cylinder Head Assembly (Incl Ref. 4,6-15,17,20, 25,26,38,42 & 43)
18	951-10292	Spark Plug/F6Rtc

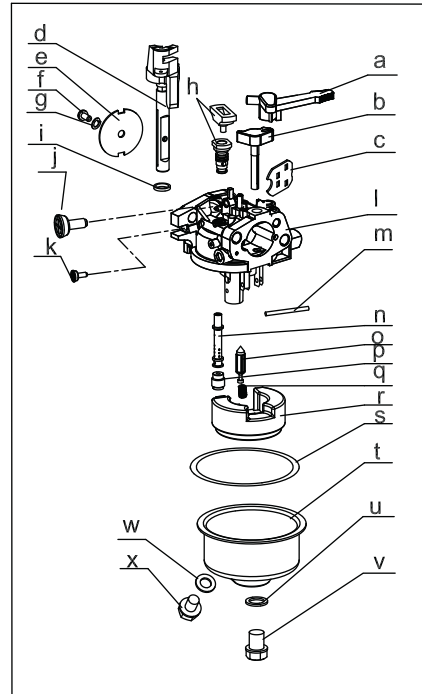
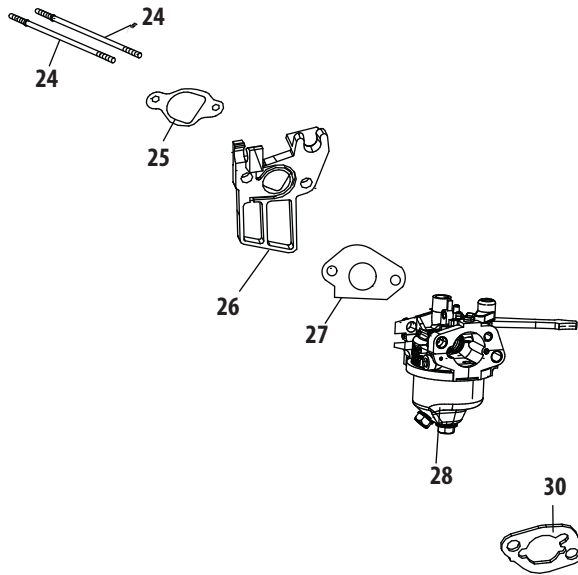
Ref.	Part Number	Description
19	710-05276	Muffler Stud M8×36
19	951-10657	Muffler Stud Assembly
24	710-05101	Stud M6×110
25	951-11567	Carburetor Insulator Gasket
26	951-11568	Carburetor Insulator
27	951-11569	Carburetor Gasket
38	951-11572	Gasket, Cylinder Head
39	951-10648	Push Rod
40	951-11899	Tappet
41	715-04090	Dowel Pin 10×16
42	951-10647A	Valve Kit
43	951-10647A	Valve Kit
114	951-11063A	Valve Cover Kit
	951-10819	Cylinder Head Service Kit (Incl Ref. 4,15,16 & 38)
	951-12120	Gasket Kit, External (Incl Ref. 4,20,25,26,27,29 & 68)
	951-12121	Gasket Kit, Complete (Incl Ref. 4,20,25,26,27,29,38,52, 53,62,66,68 & 70)

270-V0 Muffler



Ref.	Part Number	Description
19	710-04911	Muffler Stud M8×36
19	951-12027	Muffler Stud Assembly
20	951-11285	Muffler Gasket
21	712-04214	Nut,M8
22	951-12294	Muffler Assembly
23	710-05002	Bolt

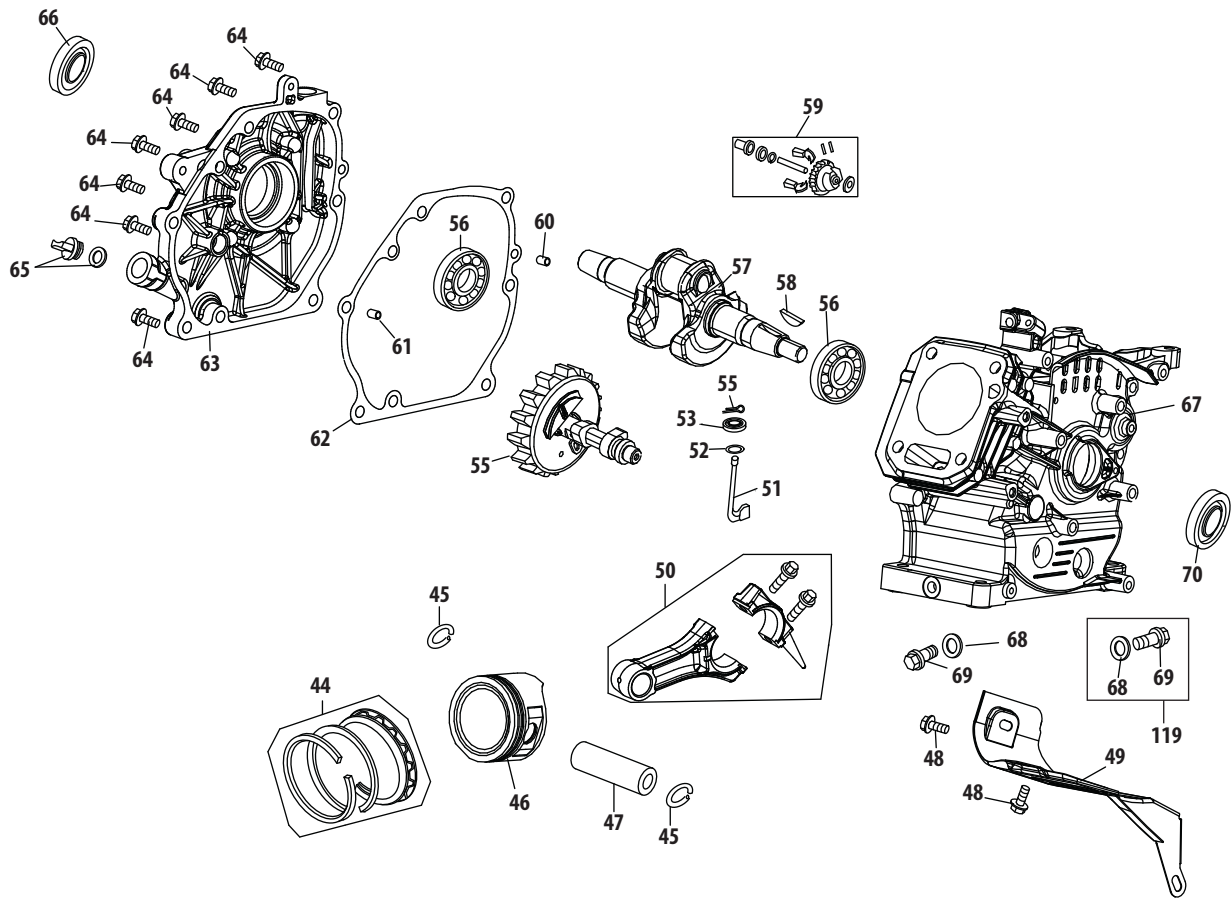
270-V0 Carburetor Assembly



Ref.	Part Number	Description
24	710-05101	Carburetor Stud M6x110
25	951-11567	Carburetor Insulator Gskt
26	951-11568	Carburetor Insulator Plate
27	951-11569	Carburetor Gasket
28	951-10797	Carburetor Assembly
29	951-11571	Carburetor Gasket Plate
a	N/A	Control Lever,Choke
b	N/A	Choke Shaft
c	N/A	Choke Plate
d	N/A	Throttle Shaft
e	N/A	Throttle Plate
f	N/A	Screw M3x5
g	N/A	Lock Washer
h	N/A	Idle Jet Assembly
i	N/A	Gasket, Throttle Plate
j	N/A	Idle Speed Adjusting Screw

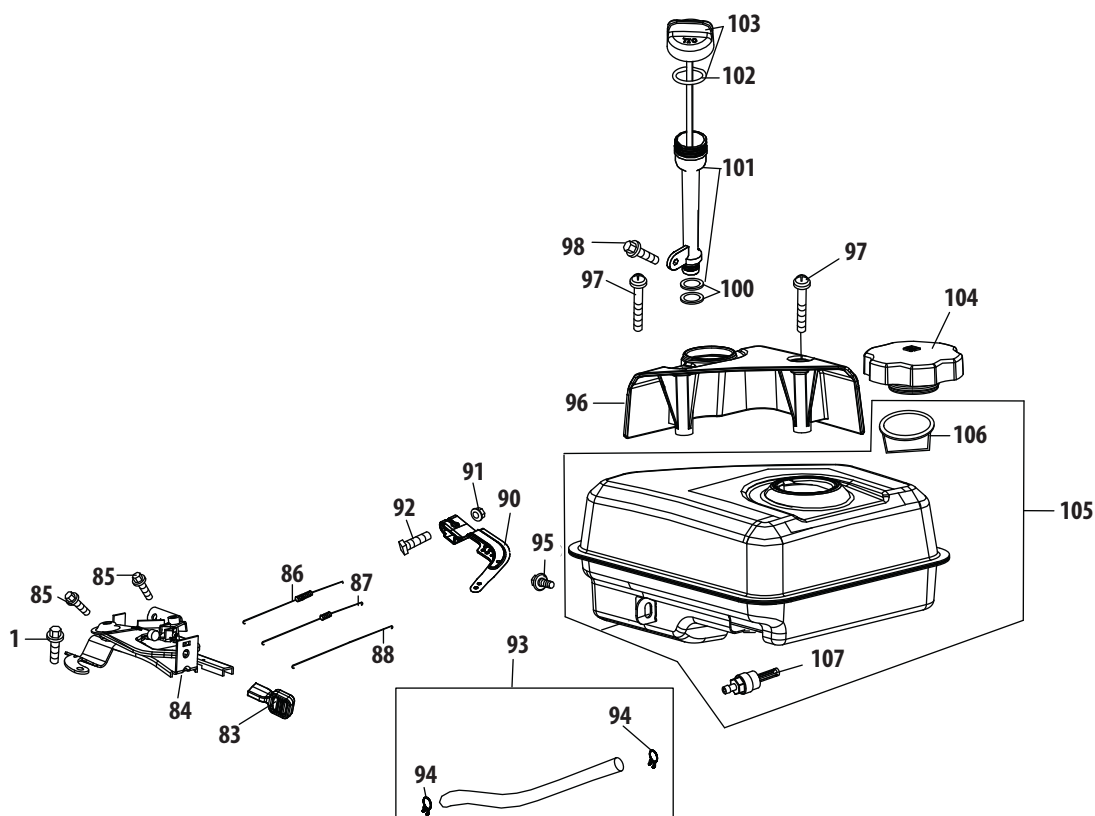
Ref.	Part Number	Description
k	N/A	Mixture Screw
l	N/A	Carburetor Body
m	N/A	Float Pin
n	N/A	Emulsion Tube
o	N/A	Needle Valve
p	N/A	Main Jet
q	N/A	Needle Valve Spring
r	N/A	Float
s	951-11589	Fuel Bowl Gasket
t	N/A	Fuel Bowl
u	951-11348	Fuel Bowl Gasket
v	710-04945	Fuel Bowl Mounting Bolt
w	951-11349	Fuel Drain Plug Gasket
x	710-04938	Fuel Drain Plug
	951-10800A	Carburetor Kit - Major (Incl. A,H-J,M-S,U,W)

270-V0 Crankcase



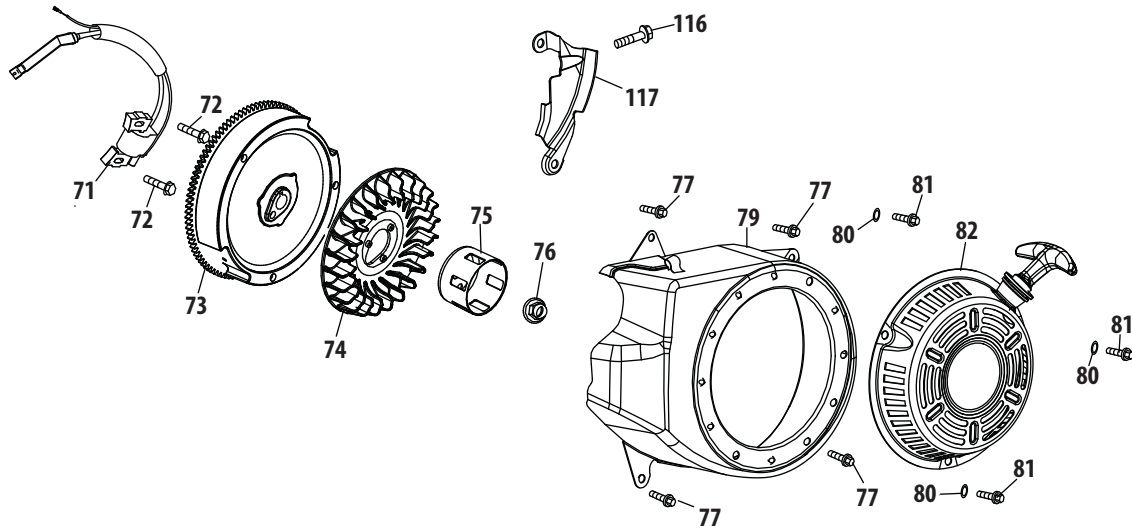
Ref.	Part Number	Description
44	951-11253	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12007	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6×12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer 5.2×1.9
53	951-11574	Governor Seal
54	714-04074	Cotter Pin
55	951-11575	Camshaft Assy.
56	951-11369	Radial Ball Bearing,6205
57	951-12160	Crankshaft Assembly
58	951-10307	Woodruff Key
59	951-11576	Governor Gear/Shaft Asm
60	715-04092	Dowel Pin 7×14
61	715-04089	Dowel Pin 9×14
62	951-11371	Crankcase Cover Gasket
63	951-12125	Cover Comp,Left Crankcase
64	710-04932	Bolt M8×32
65	951-11377	Dipstick Assembly
66	951-11578	Oil Seal,25×41.25×6
67	951-10798A	Short Block (Incl. 4,20,25,26,29,38,40,44-47,50-70)
68	736-04440	Washer 10×16×1.5
69	710-04906	Oil Drain Plug
70	951-12126	Oil Seal 25×41.25×6
119	951-10370	Oil Drain Plug & Washer Assembly
	951-12121	Gasket Kit Complete (Incl. 4,20,25-27,29,38,52,53,62,66,68,70)
	951-12120	Gasket Kit - External (Incl. 2,4,25-27,29,68)

270-V0 Fuel Tank



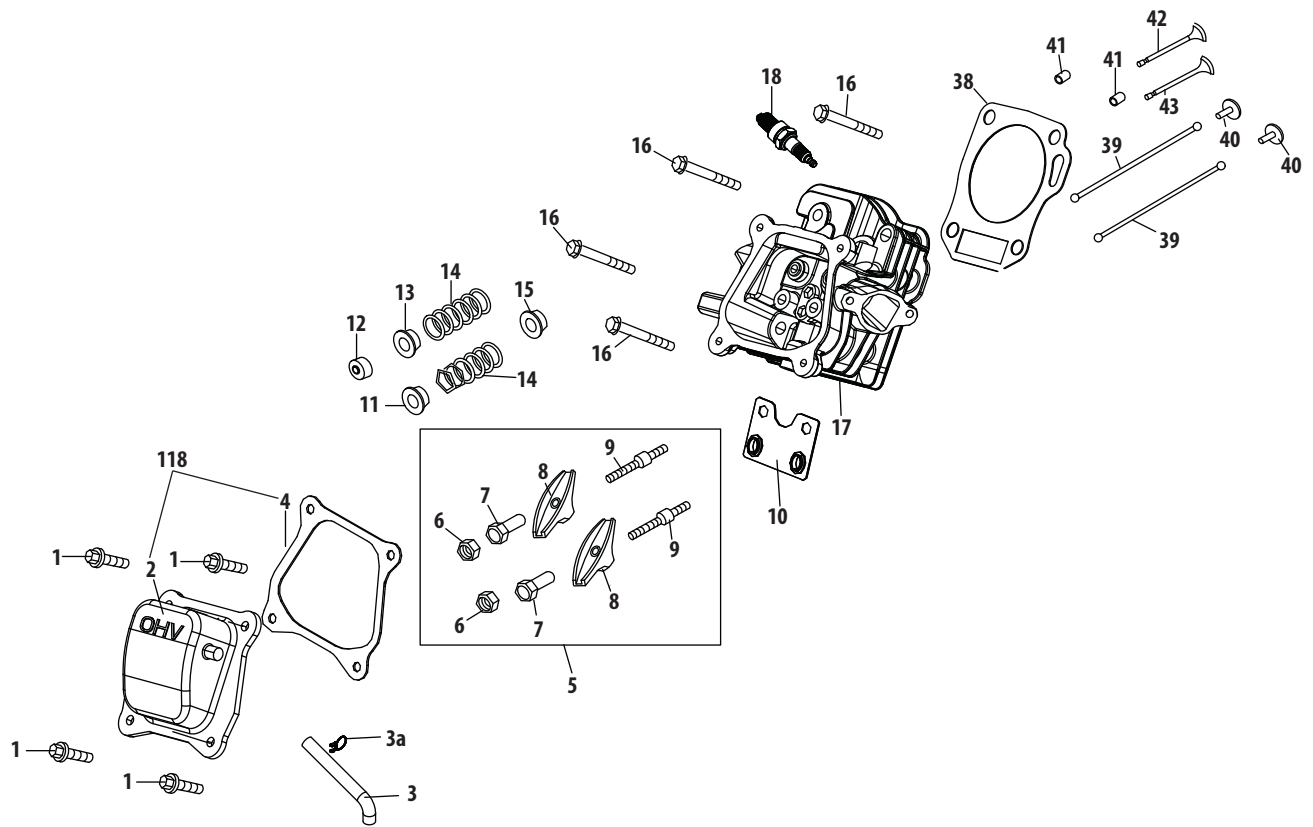
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
83	951-11067	Throttle Control Knob
84	951-12131	Primer Bracket
85	710-04928	Bolt M6×12
86	951-11585	Governor Spring
87	951-10664	Throttle Linkage Spring
88	951-10665	Throttle Linkage
90	951-11106	Governor Arm Bracket
91	712-04212	Nut M6
92	710-04908	Governor Arm Bolt
93	951-10650	Fuel Line Kit
94	951-10650	Fuel Hose Clamp

Ref.	Part Number	Description
95	710-04915	Bolt M6×12
96	951-11914	Dipstick Decoration Cover
97	710-04905	Bolt
98	710-04915	Bolt M6×12
100	951-11381	Oil Fill Tube O-Ring
101	951-11913	Oil Fill Tube Assembly (Incl. 100)
102	951-11904	Dipstick O-Ring
103	951-11912	Dipstick Assembly (Incl. 102)
104	951-10917A	Fuel Cap Assembly
105	951-10653B	Fuel Tank Assembly
106	951-11933	Fuel Filter
107	951-10651	Fuel Tank Nipple



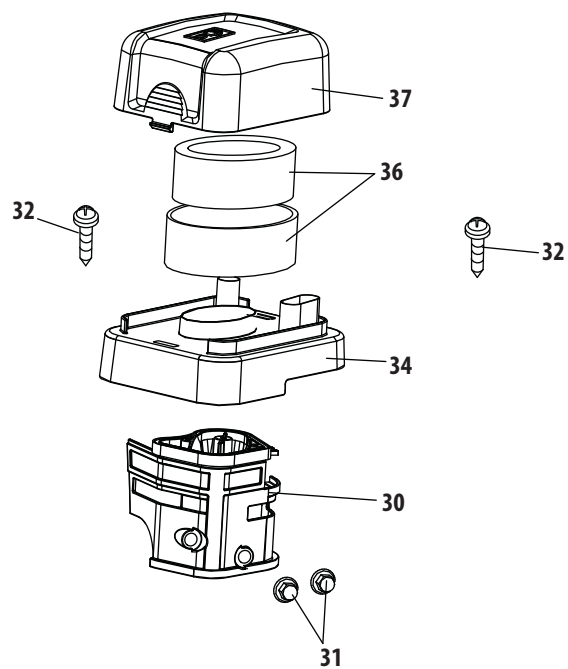
Ref.	Part Number	Description
71	951-10792	Ignition Coil Assembly
72	710-04919	Bolt M6x25
73	951-12416	Flywheel
74	951-10909	Fan, Cooling
75	951-10911	Pulley, Starter
76	712-04209	Nut, Special, M14x1.5
77	710-04915	Bolt M6x12
79	951-12417	Blower Housing
80	736-04455	Flat Washer
81	710-04974	Bolt M6x10
82	951-12418	Recoil Starter Assembly
116	710-04979	Bolt M6x18
117	951-11109	Blower Housing Shield

270-V0 Cylinder Head

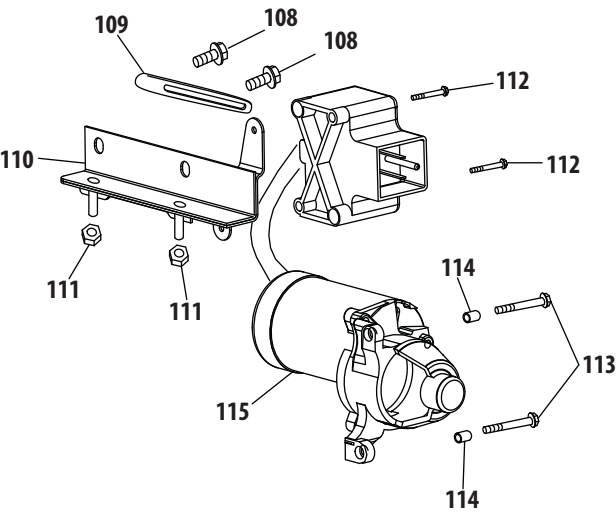


Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	731-07059	Breather Hose
3a	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut,Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt,Pivot
10	951-11895	Push Rod Guide
11	951-12000	Retainer,In.Valve Spring
12	951-12002	Adjuster,Exh Valve
13	951-12003	Retainer,Ex.Valve Spring
14	951-12004	Valve Spring
15	951-11894	Intake Valve Seal
16	710-04933	Bolt M8×55
17	951-10799	Cylinder Head Assembly (Incl. 4,6-10,12-17,20,25,26,38,41-43)
18	951-10292	Spark Plug
38	951-11572	Gasket,Cylinder Head
39	951-10648	Push Rod Kit
40	951-11899	Tappet
41	715-04090	Dowel Pin 10×16
42	951-10647A	Valve Kit
43	951-10647A	Valve Kit
118	951-11063	Valve Cover Kit
	951-10819	Cylinder Head Service Kit (Incl. 4,15,16,38)
	951-12120	Gasket Kit - - External (Incl. 2,4,25-27,29,68)
	951-12121	Gasket Kit Complete (Incl. 4,20,25-27,29,38,52,53, 62,66,68,70)

270-V0 Air Cleaner



Ref.	Part Number	Description
30	951-10806	Air Cleaner Housing
31	712-04213	Nut
32	710-05102	Self-Tapping Bolt M4.2x16
34	951-12135	Silencer Plate
36	951-10794	Air Cleaner Filter Assembly
37	951-12136	Air Cleaner Cover



Ref.	Part Number	Description
108	710-04914	Bolt M6×10
109	951-11680	Flexible Clamp
110	951-11114	Switch Housing Mounting Brkt
111	712-04212	Nut,M6
112	710-04965	Bolt M4×55
113	710-05182	Bolt M6×32
114	715-04088	Dowel Pin 8×8
115	951-10645A	Startup Electromotor



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