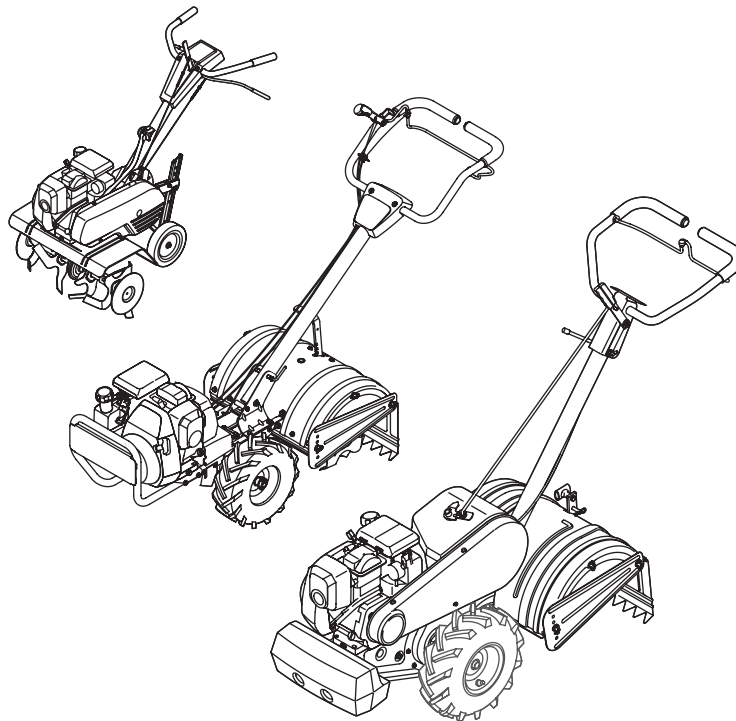

Cub Cadet.

ILLUSTRATED PARTS MANUAL



Front Tine & Rear Tine Tillers Model FT24, RT 45 & 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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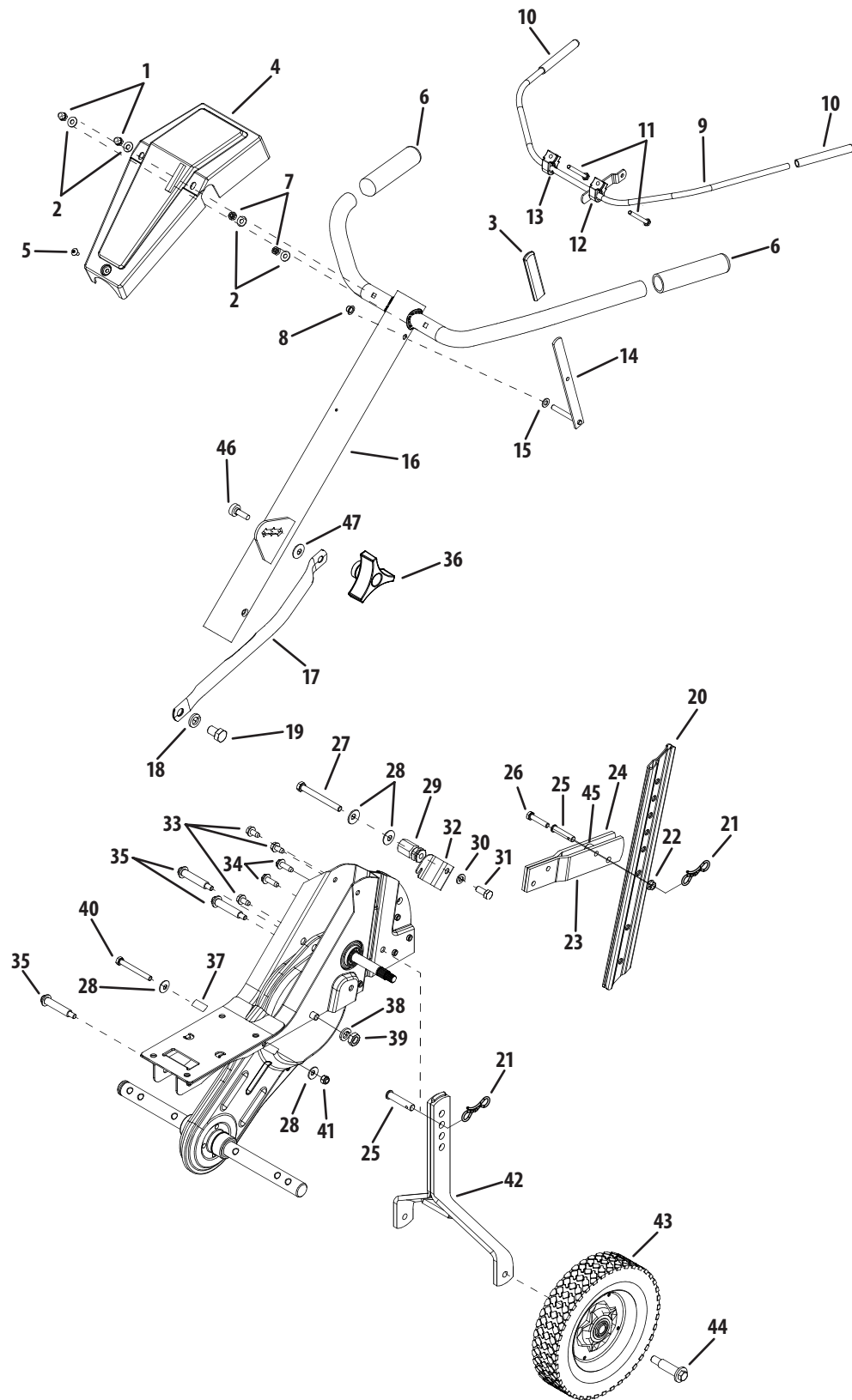
Painted Parts

When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXX-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

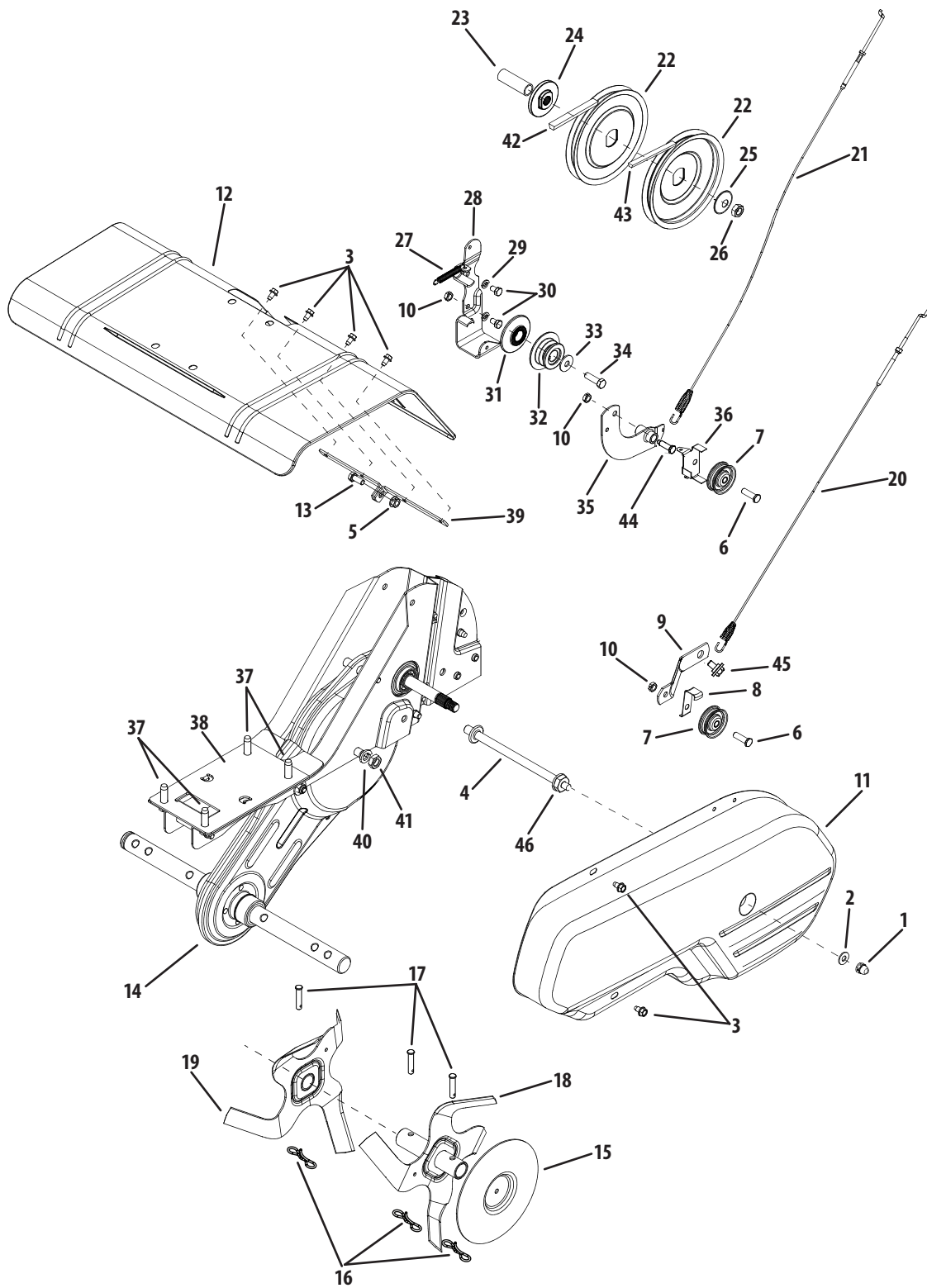


Ref.	Part Number	Description
1.	912-0442	Acorn Lock Nut, ¼-20
2.	936-3020	Flat Washer, .271" x .630"
3.	720-0270A†	Reverse Handle Grip
4.	731-1600	Handle Cover w/o throttle (390)
—	731-06253A	Handle Cover (340)
5.	710-0779A	Truss Machine Screw, #10 x ½"
6.	720-0274	Handle Grip
7.	712-3006	Hex Nut, ¼-20 (390)
—	912-0298	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.	734-04623	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

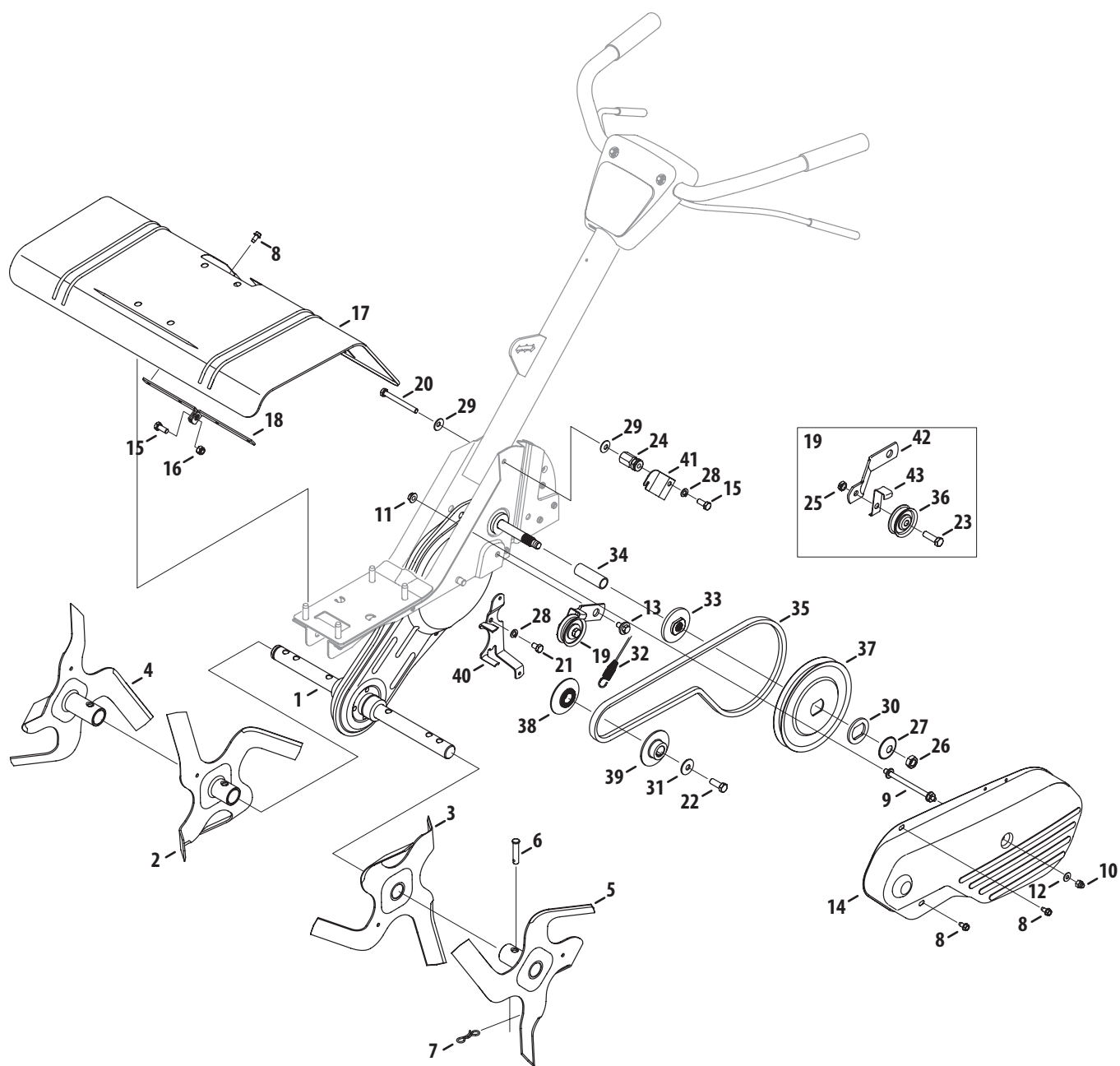
Model Series 390



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, ⅝-18
6.	710-3005	Hex Head Screw, ⅜-16 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, ⅜-16
11.	786-0057	Belt Cover w/ rev.
12.	786-0043A	Tine Shield
13.	710-3008	Hex Head Cap Screw, ⅝-18 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.	946-0953	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, ⅝
30.	710-0237	Hex Bolt, ⅝-24 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, ⅜-24 x 1.00"
35.	686-0013	Reverse Arm Assembly
36.	786-0041	Reverse Belt Keeper
37.	710-0502A	Hex L-Washer TT-Tap, ⅜-16 x 1.25"
38.	786-0145A	Engine Plate
39.	786-0053	Tine Shield Bracket
40.	936-0171	L-Washer, ⅞"
41.	912-0240	Hex Nut, ⅞-20
42.	954-0428	Forward Drive Belt, ½ x 41.9"
43.	954-0429	Reverse Drive Belt, ⅜ 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

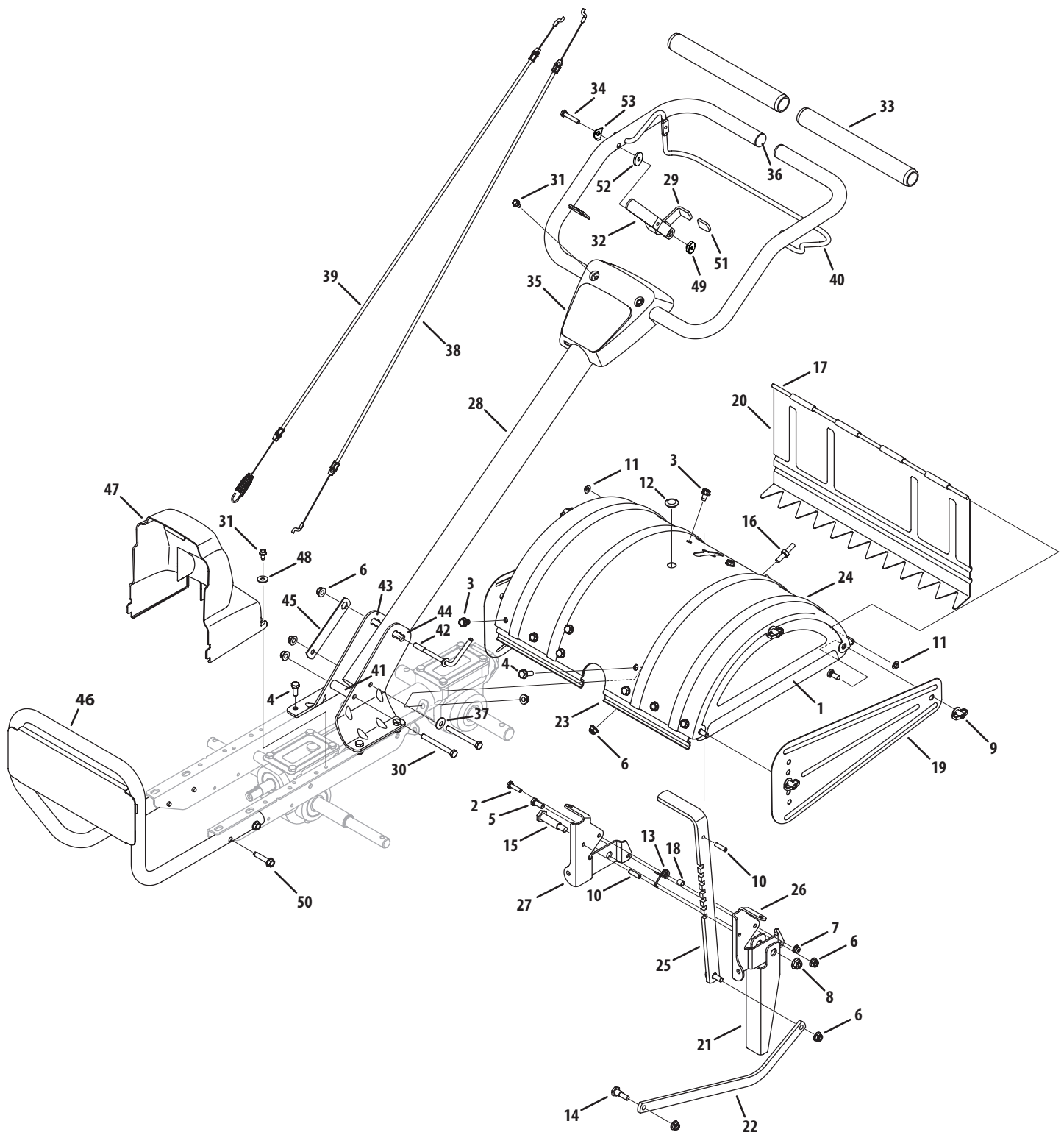
Model Series 340



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

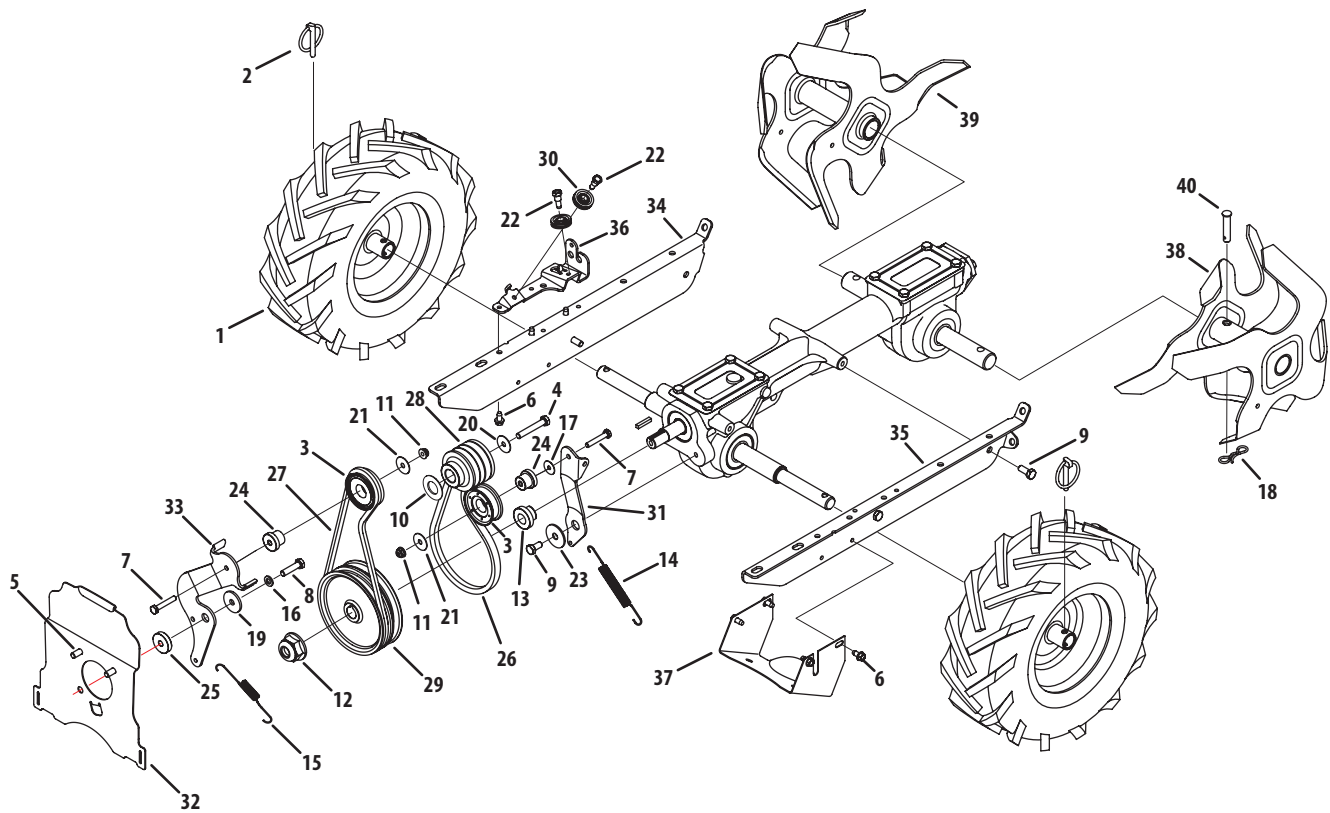
Model Series 400



Ref.	Part Number	Description
1.	686-0044B	End Cover Assembly
2.	710-0597	Hex Head Screw, ¼-20 x 1
3.	710-0604A	Hex Head Screw, ⅝-18 x .625
4.	710-1238	Hex Head Screw, ⅝-18 x .875
5.	710-3008	Hex Head Screw, ⅝-18 x .75
6.	712-04063	Nylon Hex Lock Nut, ⅝-18
7.	712-04064	Nylon Hex Lock Nut, ¼-20
8.	712-04065	Flange Lock Nut, ⅜-16
9.	712-0421	Wing Nut, ⅝-18
10.	715-0108	Spirol Pin
11.	926-0106	Cap Nut, ¼ Rod
12.	731-05512	Hole Plug
13.	732-04320	Torsion Spring
14.	738-04320	Shoulder Screw, .405 x .435 ⅝-18
15.	938-0533	Shoulder Screw, .498 x 1.635
16.	938-0849	Stop Screw
17.	747-0432	Tiller Flap Rod
18.	750-05349	Spacer
19..	786-0090A	Side Shield
20.	786-0113A	Rear Tine Shield
21.	786-04092	Reverse Stop Arm
22.	786-04104	Drag Bar
23.	786-04352A	Tine Shield Mounting Bracket
24.	786-04355A	Tine Shield
25.	786-04356	Adjustable Depth Bar
26.	786-04363	Tail Bracket, LH
27.	786-04364	Tail Bracket, RH

Ref.	Part Number	Description
28.	649-04098	Upper Handle Assembly
29.	686-04135	Reverse Handle Assembly
30.	710-0189	Hex Head Screw, ⅝-18 x 3.00
31.	710-0599	Self-Tapping Screw, ¼-20 x ½
32.	731-04735	Handle Select
33.	720-0278A	Foam Handle Grip
34.	710-3288	Hex Head Screw, ¼-20 x 1.62
35.	731-06253A	Handle Cover
36.	735-04105	Plug End
37.	736-0242	Bell Washer, .340 x .872 x .060
38.	946-04504	Reverse Cable
39.	946-04506	Forward Cable
40.	747-04789	Clutch Bail
41.	750-0885A	Spacer, .322 x .625 x 2.00
42.	786-0340B	Handle Crank
43.	786-04344	Handle Bracket, RH
44.	786-04345	Handle Bracket, LH
45.	786-04358	Retainer Nut Bracket
46.	686-04144	Front Bumper
47.	731-06529	Belt Cover
48.	736-0173	Flat Washer, .28 x .74 x .063
49.	738-0440	Spacer, .375 x .165
50.	710-04605	Hex Head Screw, ⅝-18 x 1.50
51.	720-04173	Reverse Handle Grip
52.	936-0176	Flat Washer, .265 x .938 x .120
53.	936-0451	Saddle Washer, .320 x .930 x .060

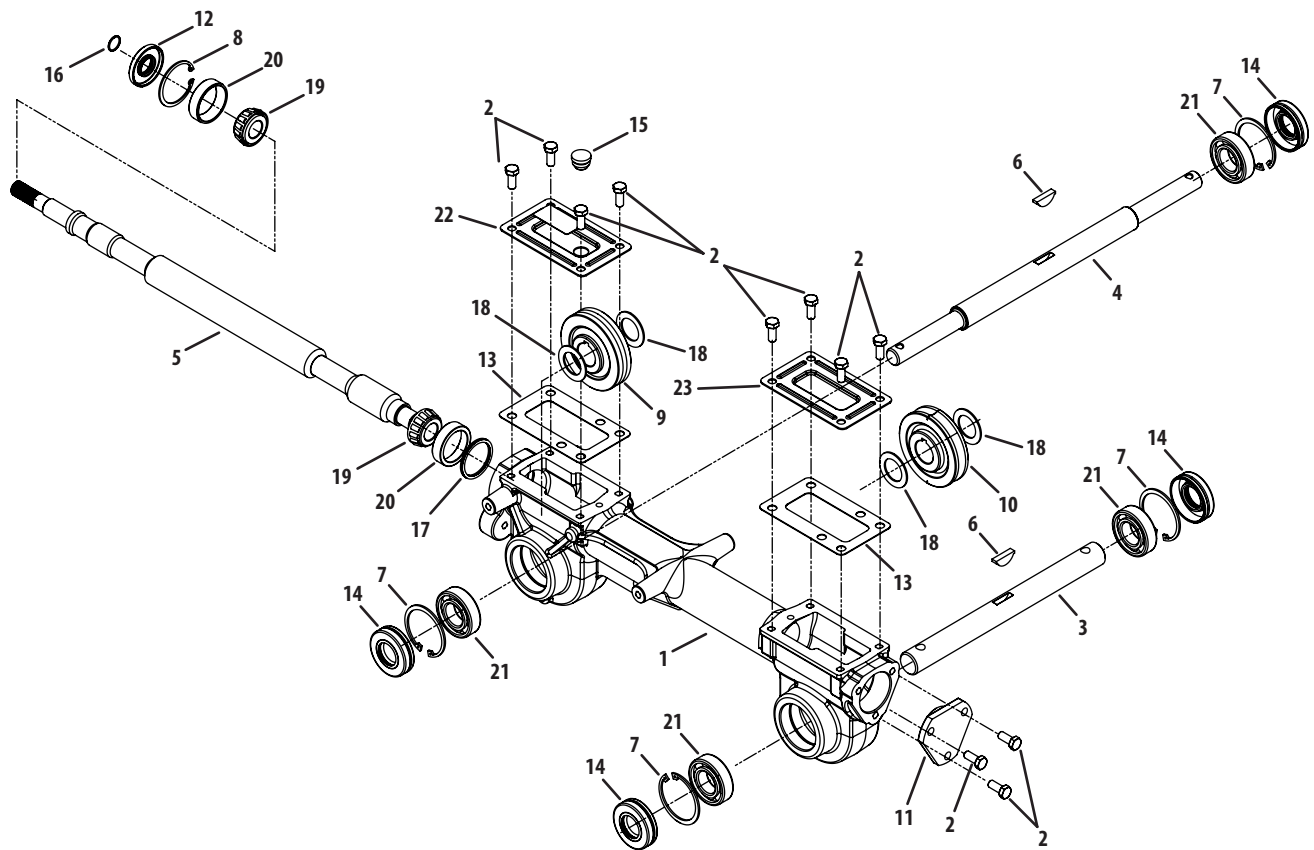
Model Series 400



Ref.	Part Number	Description
1.	634-04736	Complete Whl. Ass., 13 x 5 x 6
	634-04735	Rim, 6.0 X 3.25
	734-04163A	Tire, 13 x 5 x 6
2.	714-0143A	Klik Pin
3.	684-04168	Idler Pulley Assembly
4.	710-0331	Hex Head Screw, $\frac{3}{8}$ -24 x 2.25
5.	710-0170	Hex Head Screw, $\frac{5}{16}$ -24 x .625
6.	710-0599	Self Tapping Screw, $\frac{1}{4}$ -20 x .500
7.	710-0606	Hex Head Screw, $\frac{1}{4}$ -20 x 1.50
8.	710-0672	Hex Head Screw, $\frac{5}{16}$ -18 x 1.25
9.	710-1880	Hex Head Screw, $\frac{5}{16}$ -18 x .75, Patch
10.	736-0315	Washer, Flat, .760 x 1.50 x .120
11.	712-04064	Nylon Hex Lock Nut, $\frac{1}{4}$ -20
12.	712-0700	Nut, 9/16-18, Flange Lock
13.	718-04407	Hub, $\frac{5}{8}$ Spline
14.	732-04085	Extension Spring, .480 OD X 5.00 LG
15.	732-04276A	Extension Spring, LT5 PTO
16.	936-0119	Lock Washer, $\frac{5}{16}$
17.	736-0173	Washer, .28 x .74 x .063
18.	714-04043	Cotter Pin, Bow Tie
19.	736-0343	Flat Washer, .330 X 1.25 X .120

Ref.	Part Number	Description
20.	936-0452	Bell Washer, .396 x 1.140 x .095
21.	736-3092	Flat Washer, .265 x 1.0 x .030
22.	738-04425	Shoulder Screw, .342 x .335 $\frac{1}{4}$ -28
23.	748-04087A	Pivot Idler Spacer
24.	750-04571	Shoulder Spacer, .260 x .785 x .538
25.	750-04907	Pivot Idler Spacer
26.	1916657	V-Belt, 4L x 25.375 Long
27.	1916658	V-Belt, 3L x 29.125 Long
28.	756-04198A	Engine Pulley
29.	756-04355	Transmission Pulley
30.	756-0625	Cable Roller
31.	786-04312	Idler Bracket, Forward
32.	786-04343	Cover Plate
33.	786-04346	Idler Bracket, Reverse
34.	786-04416A	Mounting Frame, RH
35.	786-04415B	Mounting Frame, LH
36.	786-04357	Pulley Bracket
37.	786-04371	Pulley Shield
38.	642-04071	Tine Assembly, LH
39.	642-04072	Tine Assembly, RH
40.	911-0415	Clevis Pin, .375 x 1.75

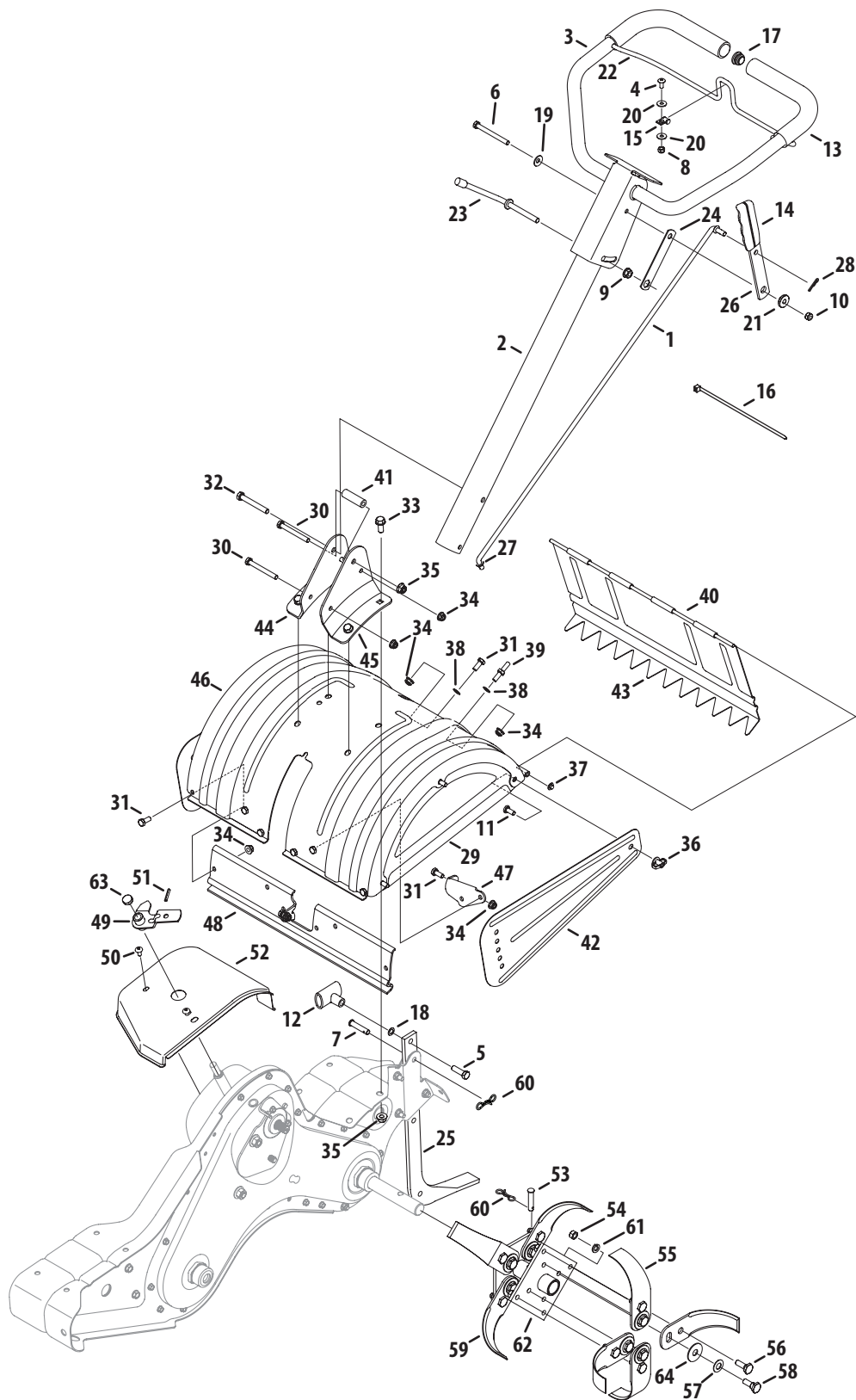
Model Series 400



Ref.	Part Number	Description
	918-04815A	Transmission Assembly
1.	919-04184A	Housing, Transmission
2.	710-3008	Hex Screw, 5/16-18, .75, Gr5
3.	911-04844	Shaft, Tiller
4.	911-04854	Shaft, Wheel
5.	911-05028	Shaft, Worm
6.	714-04059	Key, Hi Pro .25 x 1.062
7.	716-0204	Retaining Ring
8.	716-04102	Retaining Ring, Int
9.	917-04380	Worm Gear, 61t, RH
10.	917-04381	Worm Gear, 30t, LH
11.	918-04435	Bearing Cover
12.	921-04030	Seal, Oil, .750 Shaft x 1.783 Bore
13.	921-04229	Gasket, Gear Housing
14.	721-04232	Seal, Oil, 1.00 Shaft x 2.00 Bore
15.	721-04271	Rubber Plug, Oil
16.	732-0614	Wire Ring
17.	736-04305	Washer, Flat, 1.50 x 1.75 x .062
—	736-04306	Washer, Flat, 1.50 x 1.75 x .005
—	736-04307	Washer, Flat, 1.50 x 1.75 x .03
—	736-04308	Washer, Flat, 1.50 x 1.75 x .010
18.	736-0745	Washer, Flat, 1.010 x 1.56 x .060
19.	941-04298	Cone Bearing
20.	941-04299	Bearing Cup
21.	741-3114	Ball Bearing
22.	786-04366	Cover, Transmission
23.	786-04392	Cover, Transmission

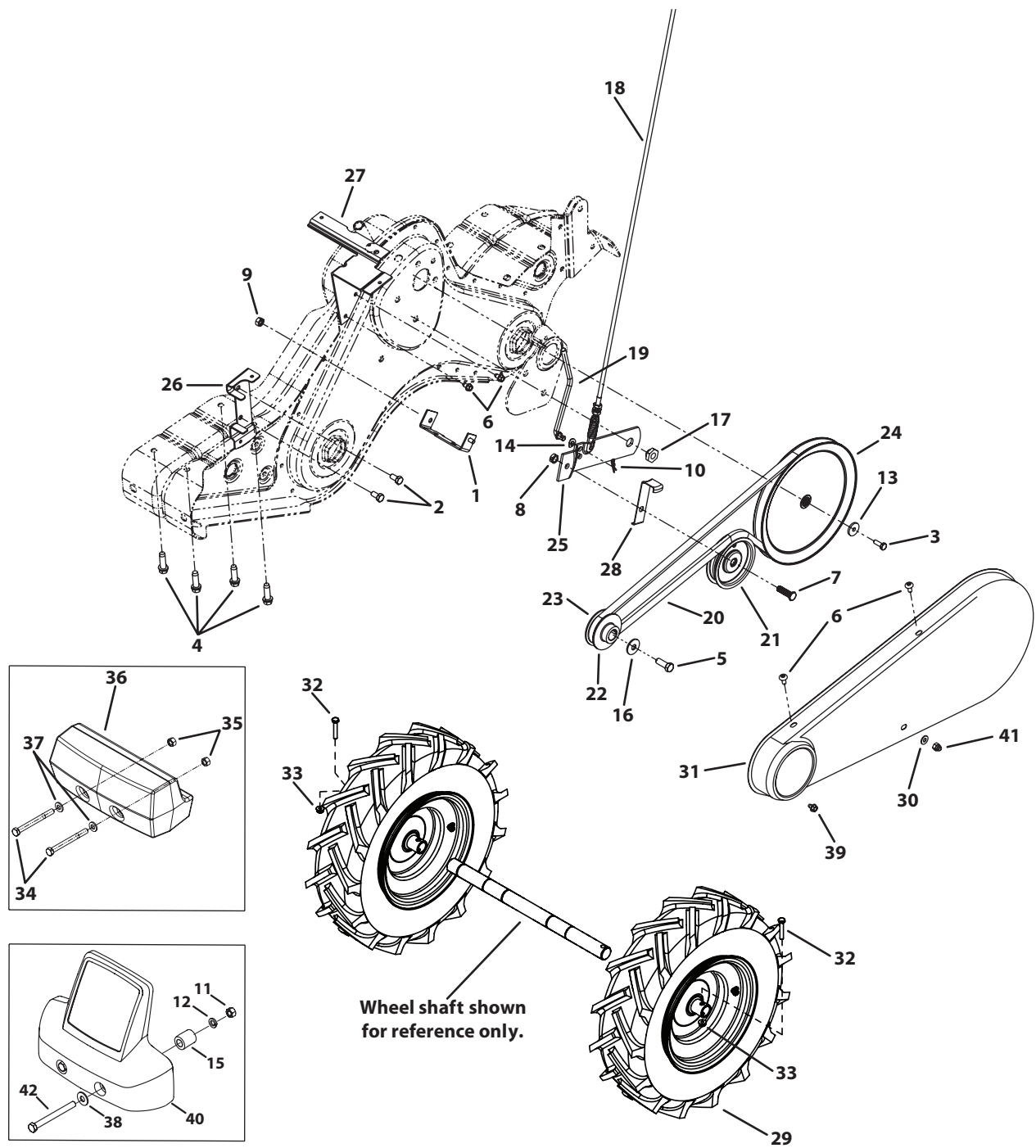
* — The flat washers listed are used as required to obtain .005 to .015 in allowable end play on the drive shaft.

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.	710-1307	Stud, 5/16-18 x .75
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

Ref.	Part Number	Description
33.	710-04482	Hex Head Flange, 3/8-16 x .875
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.	710-1652	Screw, 1/4-20 x .625
51.	715-0120	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

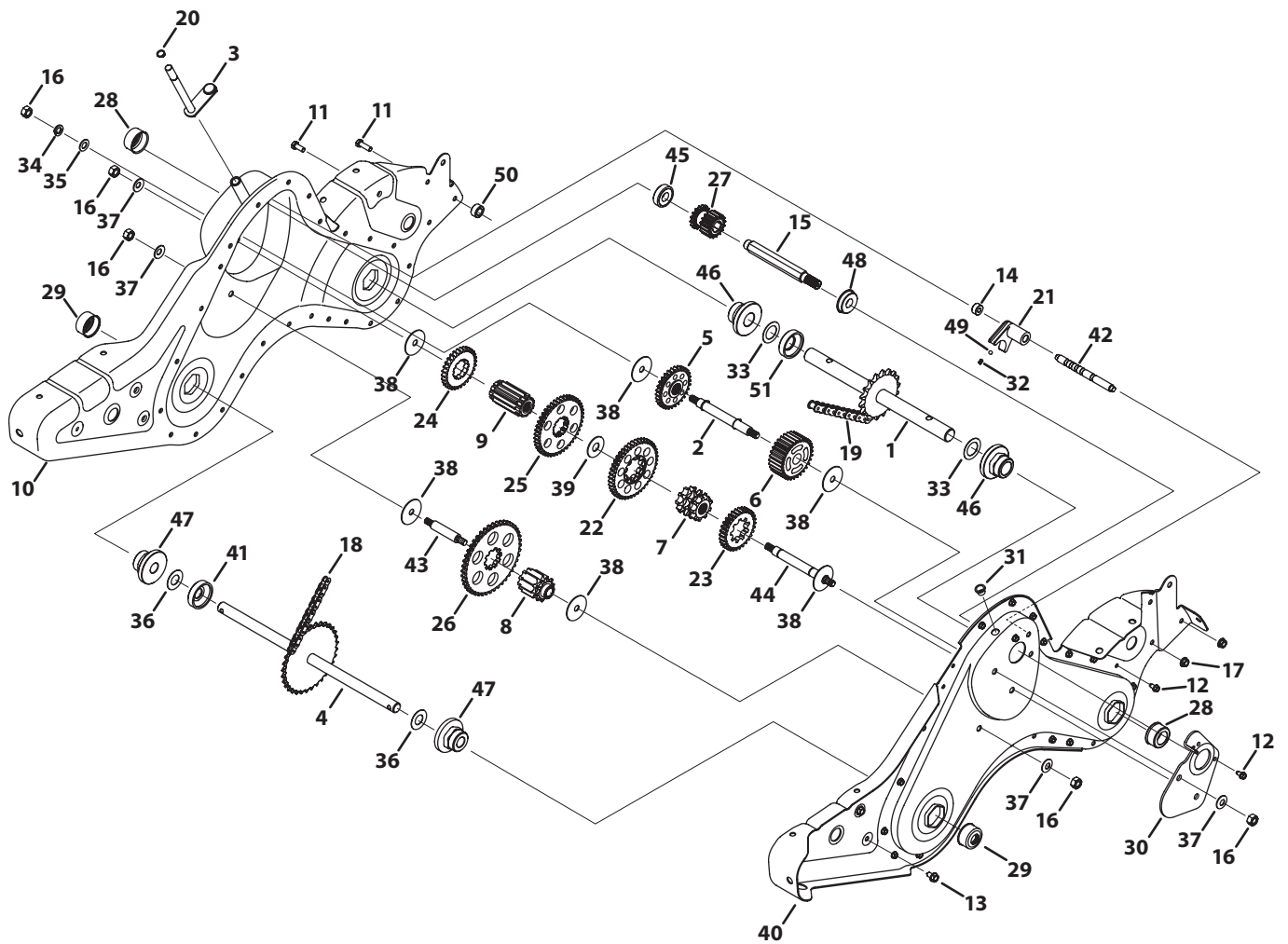


Ref.	Part Number	Description
1.	686-0111	Belt Cover Bracket Assembly
2.	710-0170	Hex Bolt, $\frac{5}{16}$ -24 x .625
3.	710-0513	Hex Bolt, $\frac{1}{4}$ -28 x .75"
4.	710-0520	Hex Washer Screw, $\frac{3}{8}$ -16 x 1.50"
5.	710-1039	Hex Bolt, $\frac{3}{8}$ -24 x 1.0
6.	710-1652	Hex Washer Screw
7.	710-3005	Hex Cap Screw, $\frac{3}{8}$ -16 x 1.25
8.	712-0266A	Lock Jam Nut, $\frac{3}{8}$ -16
9.	712-04063	Flangelock Nut, 5/16-18
10.	914-0104	Internal Cotter Pin
11.	912-3066	Hex Nut, 1/2-20
12.	936-0921	Washer, Lock, 1/2
13.	936-0176	Flat Washer, .25 ID x .93 OD
14.	936-0271	Spring Washer, .317 ID x .625 OD
15.	750-0194	Hub, .636 ID x 1.00 OD x .94
16.	936-0452	Bell Washer, .396 ID x 1.14 OD
17.	738-0876A	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

Ref.	Part Number	Description
22.	756-0971	Outer Engine Pulley Half
23.	756-0972	Inner Engine Pulley Half
24.	756-1162	Input Pulley
25.	786-0064A	Idler Bracket
26.	786-0185A	Belt Keeper Bracket
27.	786-0187	Shift Cover Bracket
28.	786-0193	Idler Belt Keeper
29.	934-04365A	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.	712-04150	Flange Lock Nut, $\frac{1}{2}$ -13
36.	723-0381†	Counterweight, 40 lbs.
37.	936-0326	Flat Washer
38.	936-0179	Washer, Flat, 1/2 x 1.25 x .100
39.	710-0653	Hex Screw, $\frac{1}{4}$ -20 x .375
40.	731-1595†	Counterweight
41.	712-0392	Lock Nut
42.	710-0506	Hex Head Screw, 1/2-13 x 5.50

† If Equipped

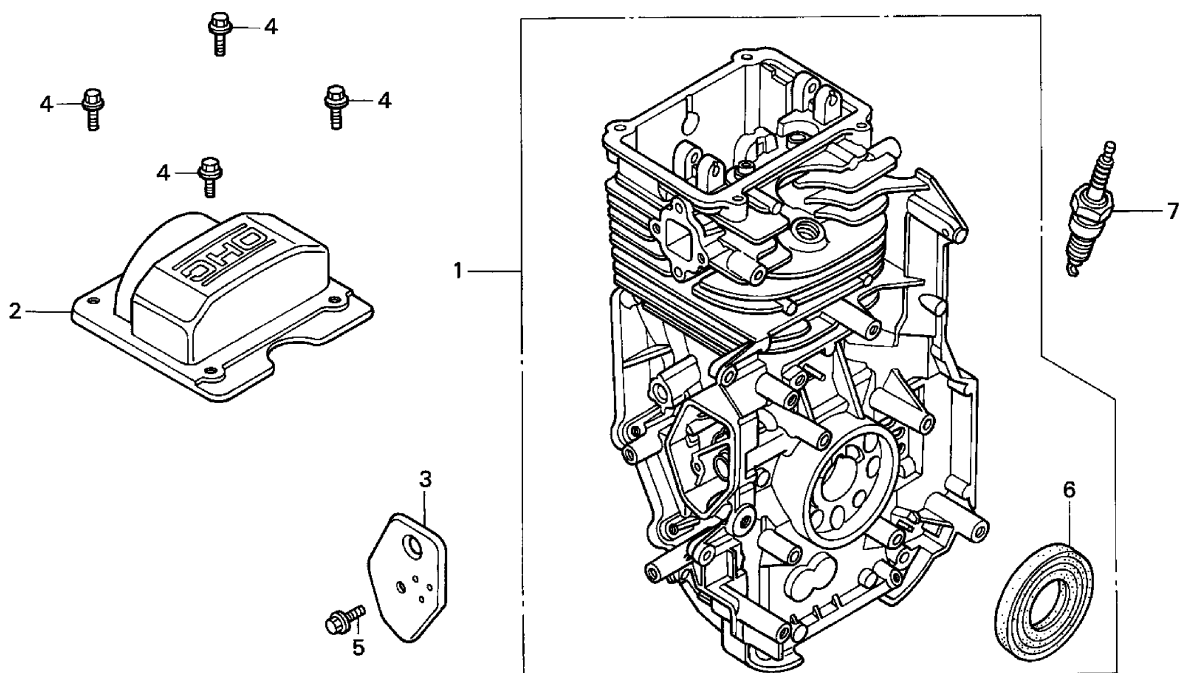
Model Series 450



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.	710-1652	Screw, 1/4-20 x 0.625
13.	710-04484	Screw, :5/16-18 x 0.75
14.	750-0664	Spacer, .505 ID x .88 OD x .440
15.	711-1349A	Input Shaft, .75
16.	712-0378	Nut, Hex, 7/16-20
17.	712-04063	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.	717-1582A	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

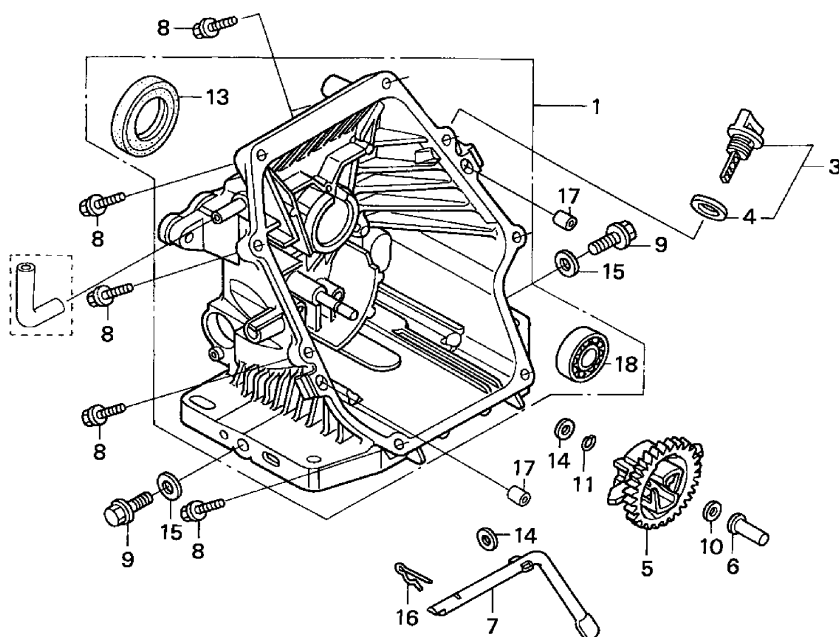
Ref.	Part Number	Description
27.	717-1594	Gear Spur, 16T
28.	921-0378	Shaft Seal, 1.0
29.	721-0379	Shaft Seal, .75
30.	786-0238	Positioner Gear Bracket
31.	726-0277	Tapered Cap Plug
32.	732-04778	Compression Spring, .230 OD
33.	936-0163	Washer, Flat, 1.03 x 1.62 x .03
34.	936-0171	Washer, Lock, 7/16
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
—	986-04074B	Gear Case Assembly Complete

Honda GC190LA Cylinder



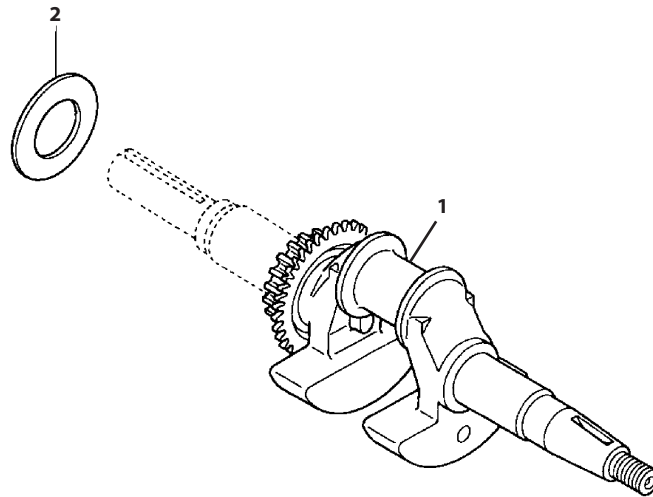
Ref.	Part Number	Description
1.	12000-Z1A-0000	Cylinder Assembly
2.	12310-Z0J-000	Head Cover
3.	12355-ZL8-000	Breather Cover
4.	90013-883-000	Flange Bolt, 6 X 12
5.	90014-952-000	Flange Bolt, 6 X 14
6.	91201-ZL8-003	Oil Seal, 25.4 X 62 X 6
7.	98079-56846	Spark Plug (BPR6ES NGK)

Honda GC190LA Crankcase Cover



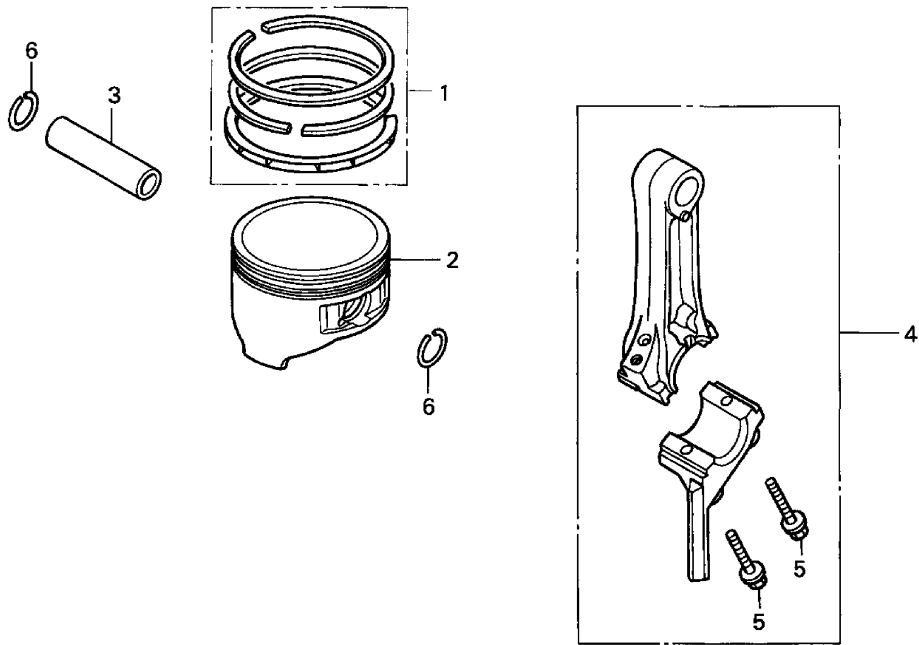
Ref.	Part Number	Description
1.	11300-Z1A-600	Crankcase Cover Assembly
3.	15600-ZF0-003	Oil Filler Cap Assembly
4.	15625-ZE1-003	Oil Filler Cap Gasket
5.	16510-ZL8-000	Governor Assembly
6.	16531-ZE1-000	Governor Slider
7.	16541-ZL8-000	Governor Arm Shaft
8.	90121-952-000	Flange Bolt, 6 x 25
9.	90131-896-650	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 GC190LA Crankshaft



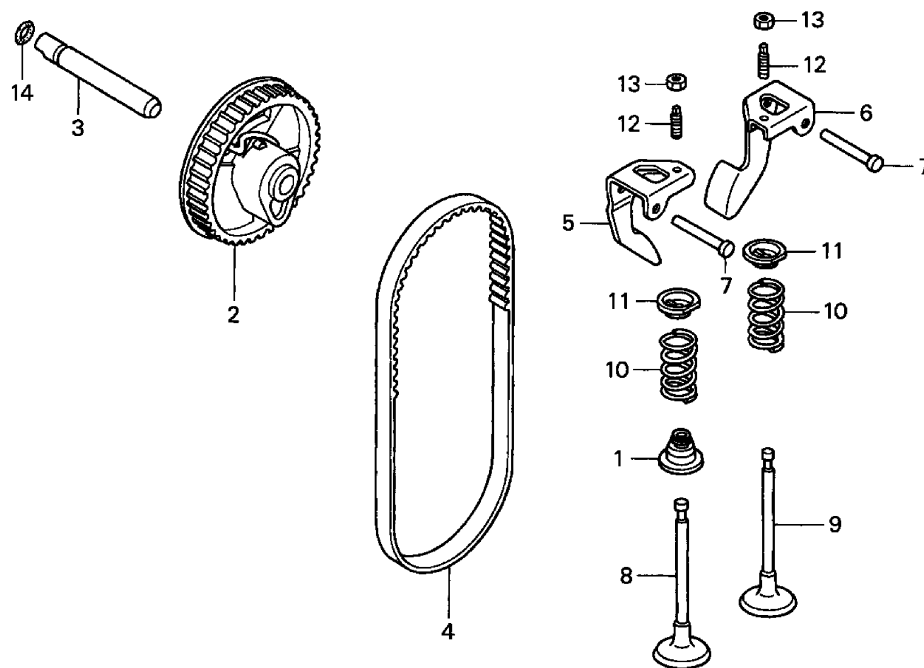
Ref.	Part Number	Description
1.	13310-Z1A-660	Crankshaft
2.	90402-ZL8-000	Thrust Washer

Honda GC190LA Piston



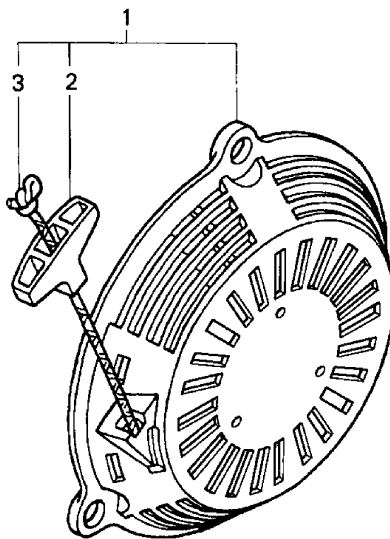
Ref.	Part Number	Description
1.	13010-Z0Y-014	Piston Ring Set (Teikoku)
2.	13101-Z0Y-010	Piston
3.	13111-Z0Y-000	Piston Pin
4.	13200-Z0Y-010	Connecting Rod Assembly
5.	90001-ZE1-000	Connecting Rod Bolt
6.	90551-ZE0-000	Piston Pin Clip, 13mm

Honda GC190LA Camshaft



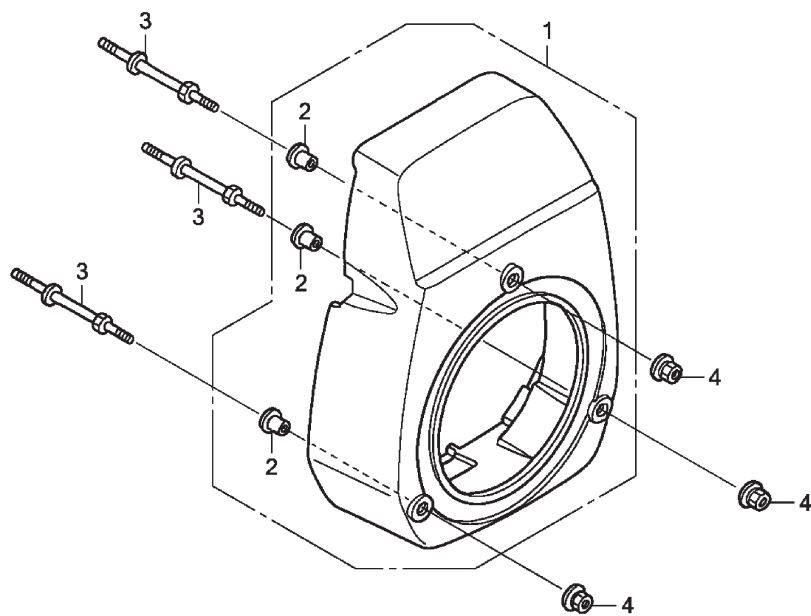
Ref.	Part Number	Description
1.	12209-ZM0-003	Valve Stem Seal
2.	14320-Z0Y-000	Cam Pulley
3.	14324-ZL8-000	Cam Pulley Shaft
4.	14400-Z0J-014	Timing Belt, 84HU& G-200
5.	14431-Z0J-000	Internal Valve Rocker Arm
6.	14441-Z0J-000	External Valve Rocker Arm
7.	14461-ZL8-000	Rocker Arm Shaft
8.	14711-Z0J-000	Internal Valve
—	14711-Z0J-000	Internal Valve
9.	14721-ZL8-000	External Valve
10.	14751-ZL8-000	Valve Spring
11.	14771-Z0J-000	Internal Valve Spring Retainer
12.	90012-333-000	Tappet Adjustable Screw
13.	90206-001-000	Tappett Adjustble Nut
14.	91301-ZM0-V31	O-Ring, 6.8 x 1.9

Honda GC190LA Recoil Starter



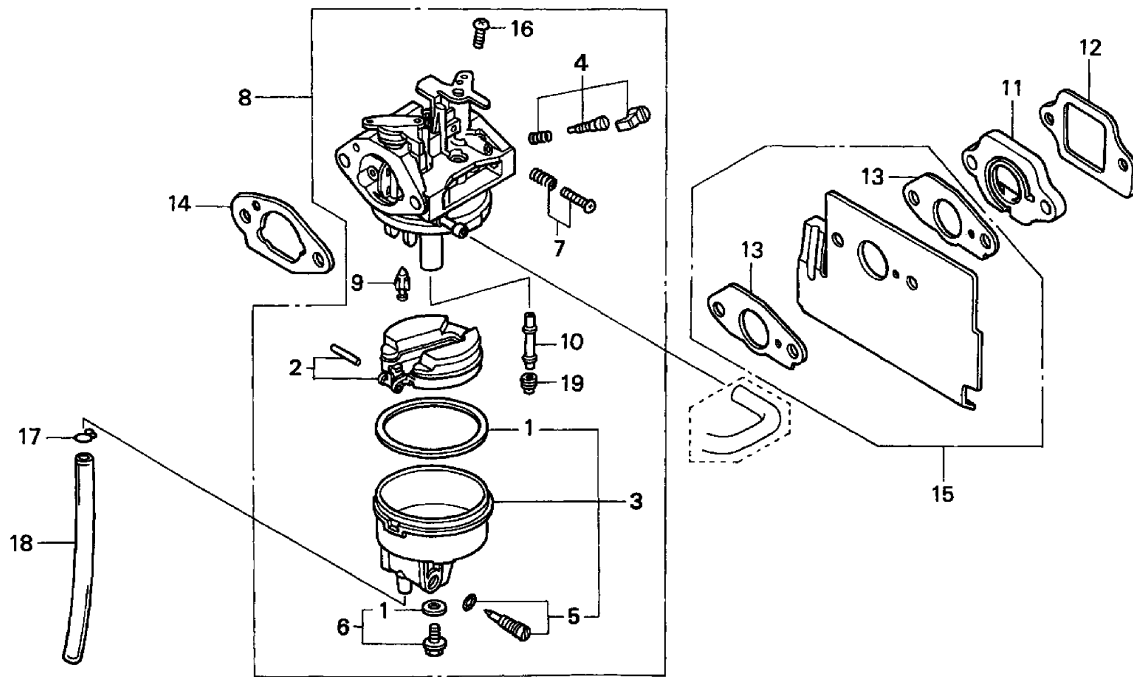
Ref.	Part Number	Description
1.	28400-Z1A-013ZA	Recoil Starter Assembly
2.	28461-ZL8-003	Recoil Starter Knob
3.	28462-ZL8-003	Recoil Starter Rope, #3.5 x 52"

Honda GC190LA Fan Cover



Ref.	Part Number	Description
1.	19611-Z1A-000ZA	Fan Cover
2.	19619-ZL8-300	Fan Cover Collar
3.	90043-ZL8-000	Stud Bolt
4.	90201-ZM0-000	Flange Nut, 6mm

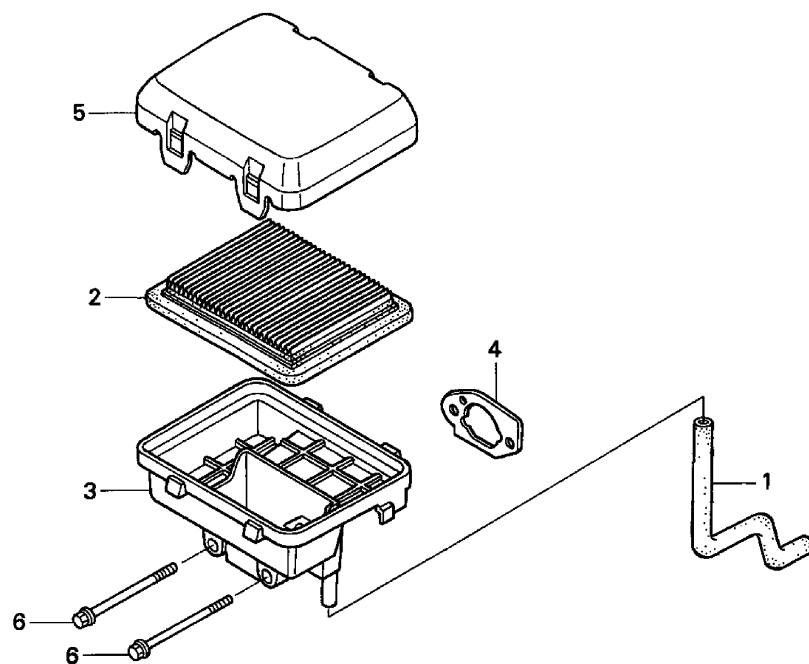
Honda GC190LA Carburetor



Ref.	Part Number	Description
1.	16010-883-015	Gasket Set
2.	16013-ZL1-003	Float Set
3.	16015-ZL8-003	Float Chamber Set
4.	16016-Z1A-003	Screw Set
5.	16024-124-760	Drain Screw Set
6.	16028-ZK7-591	Screw Set
7.	16029-ZG0-901	Screw Set
8.	16100-Z1A-801	Carburetor Assembly, BB61K A
9.	16155-ZL8-013	Float Valve
10.	16166-Z1A-003	Main Nozzle
11.	16211-ZL8-000	Carburetor Insulator

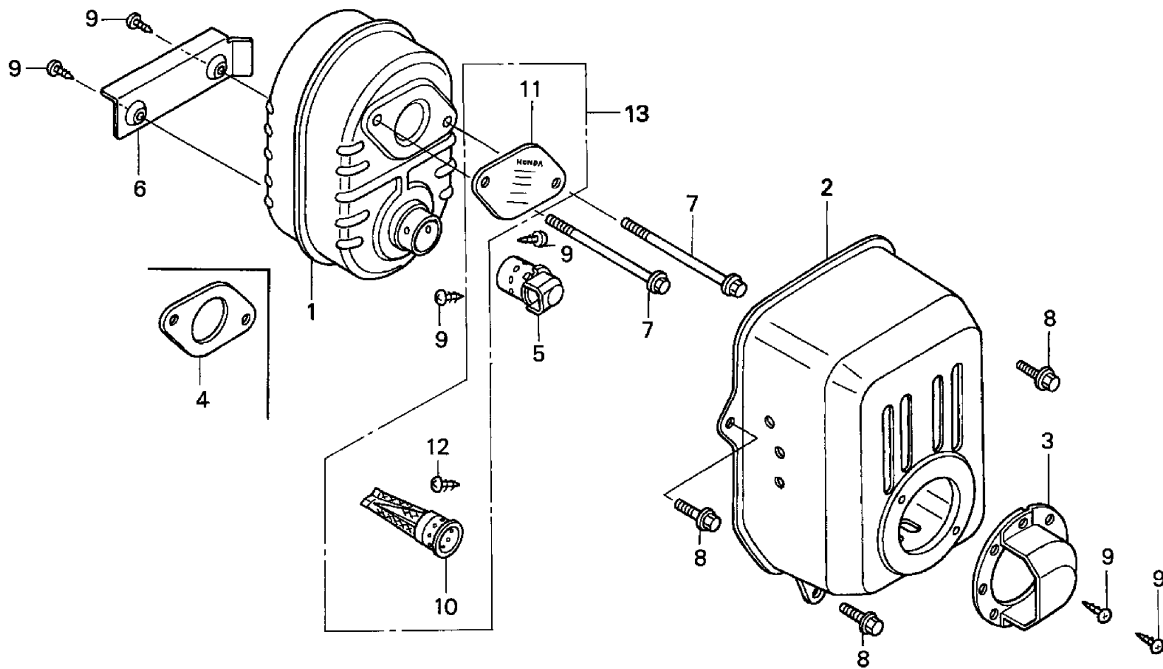
Ref.	Part Number	Description
12.	16212-ZL8-000	Insulator Gasket
13.	16221-887-800	Carburetor Gasket
14.	16228-ZL8-000	Carburetor Gasket (Choke Side)
15.	19650-ZL8-000	Air Guide
16.	93500-05006-1H	Pan Screw, 5 x 6
17.	95002-02650	Tube Clip, B6.5
18.	95003-07008-60M	Vinyl Bulk Hose (4X7X8000, 4X7X150)
19.	99101-124-0620	Main Jet, #62
—	99101-124-0650	Main Jet, #65
—	99101-124-0680	Main Jet, #68

Honda GC190LA Air Filter



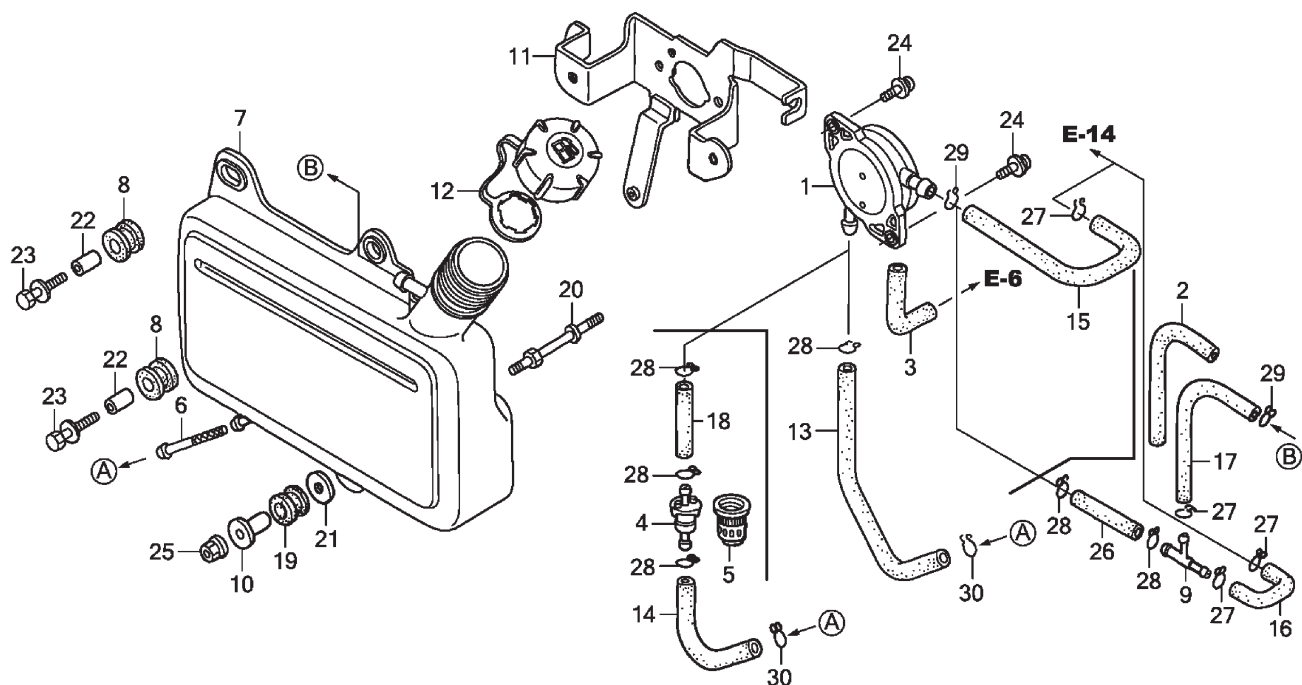
Ref.	Part Number	Description
1.	15721-ZL8-000	Breather Tube
2.	17211-ZL8-023	Air Cleaner Element
3.	17220-ZL8-000	Air Cleaner Housing
4.	17228-ZL8-000	Air Cleaner Gasket
5.	17231-Z0J-020	Air Cleaner Cover
6.	90003-ZL8-000	Flange Bolt, 6 x 112

Honda GC190LA Muffler



Ref.	Part Number	Description
1.	18310-Z0Y-000	Muffler
2.	18321-Z0L-000	Muffler Protector
4.	18381-ZL8-305	Muffler Gasket
7.	90004-ZL8-000	Flange Bolt, 6 x 79
8.	90013-883-000	Flange Bolt, 6 x 12
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

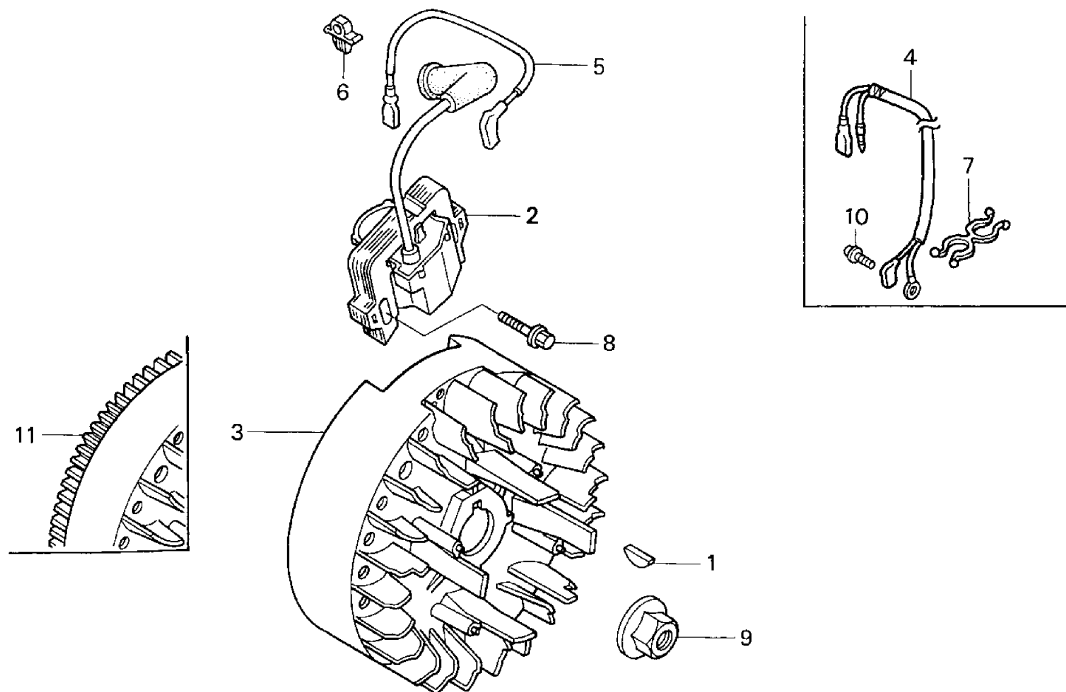
Honda GC190LA Fuel System



Ref.	Part Number	Description
1.	16700-Z0J-003	Fuel Pump Assembly
2.	16854-ZH8-000	Supporter Rubber, 107mm
3.	16882-ZL8-000	Tube, Diaphragm
4.	16910-ZV4-015	Fuel Strainer
5.	16915-ZV4-000	Strainer, Suspension
6.	17511-Z0J-800	Fuel Tank
7.	17516-ZV0-000	Tank Mounting Rubber, B
8.	17519-ZL8-800	Fuel Tube
9.	17535-KE7-000	Collar
10.	17561-Z0J-000	Stay A, Fuel Tank
11.	17620-Z0J-800	Fuel Cap Assembly
12.	17701-ZL8-800	Fuel Tank Tube
13.	17702-ZL8-800	Fuel Tube
14.	17703-ZL8-800	Fuel Return Tube

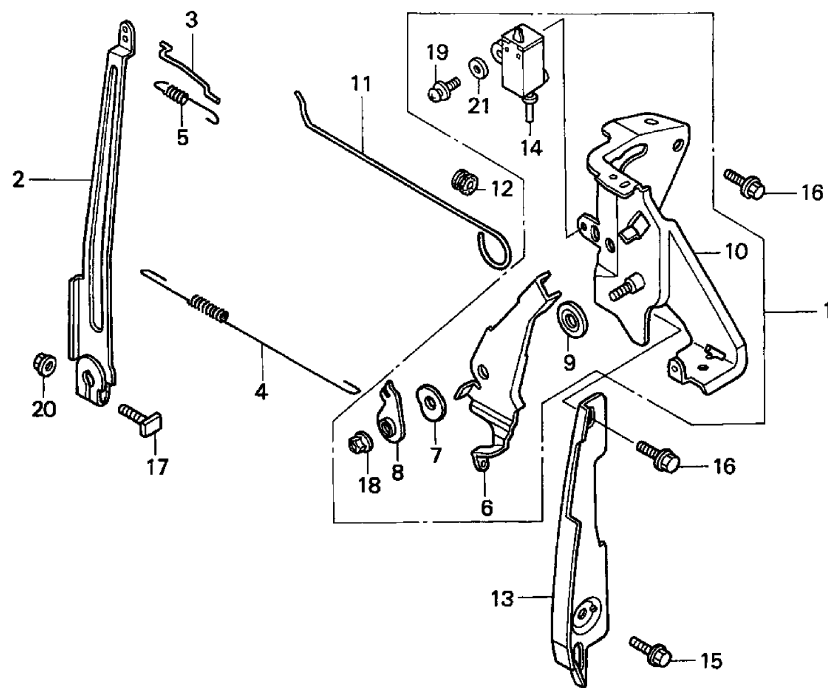
Ref.	Part Number	Description
15.	17704-ZL8-800	Fuel Pump Tube
16.	80103-MG2-000	Rear Fender Cushion
17.	90041-ZL8-000	Fuel Tank Stud Bolt, 30mm
18.	90473-896-000	Washer, 6Mm
19.	90501-KA2-640	Collar, 14 X 6.1
20.	93404-06025-00	Bolt-Washer, 6 X 25
21.	93894-05014-00	Screw-Washer, 5 X 14
22.	94050-06000	Nut, Flange, 6mm
23.	95001-55033-40	Fuel Tube, 5.3 X 33
24.	95002-02080	Tube Clip, B8
25.	95002-02100	Tube Clip, B10
26.	95002-50000	Tube Clip, C9
27.	95002-70000	Tube Clip, C11

Honda GC190LA Flywheel



Ref.	Part Number	Description
1.	13331-357-000	Special Woodruff Key, 25 x 18
2.	30500-Z0J-003	Ignition Coil Assembly
3.	31110-Z0J-013	Flywheel
5.	32195-Z0J-000	Stop Switch Wire
6.	36103-ZE1-000	Stop Switch Wire Holder
	51125-Z0L-003	Stop Switch Wire Holder
8.	90022-888-010	Flange Bolt, 6 x 20
9.	90213-S3Y-000	Flange Nut, 14mm

Honda GC190LA Controls

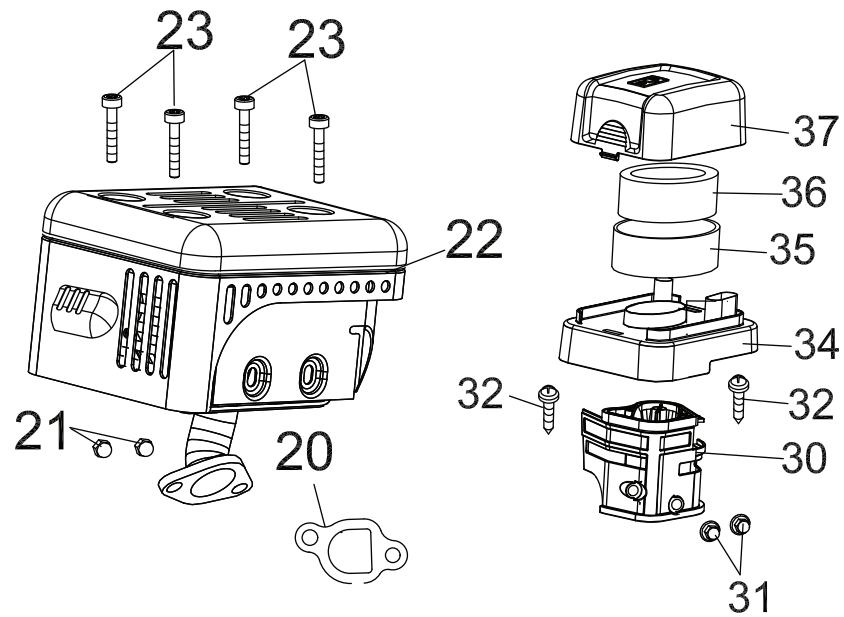


Ref.	Part Number	Description
1.	16500-ZL8-000	Control Assembly
2.	16551-ZL8-010	Governor Arm
3.	16555-ZL8-000	Governor Rod
4.	16561-Z0J-000	Governor Spring
5.	16562-ZL8-800	Throttle Return Spring
6.	16571-ZL8-000	Control Lever
7.	16574-ZE1-000	Lever Spring
8.	16575-ZL8-000	Control Lever Washer
9.	16578-ZE1-000	Control Lever Spacer
10.	16500-ZL8-000	Control Base
11.	16611-ZL8-000	Choke Control Rod

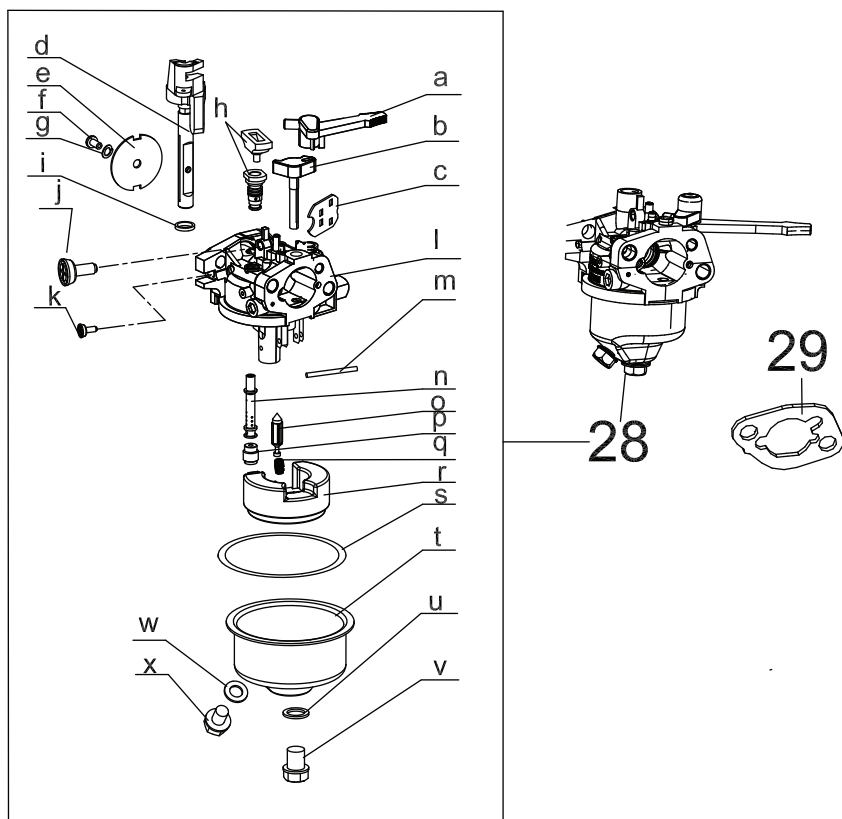
Ref.	Part Number	Description
12.	16613-893-000	Choke Rod Grommet
13.	19612-Z0L-000	Side Plate
14.	35120-ZL8-003	Engine Stop Switch Assembly
15.	90013-883-000	Flange Bolt, 6 x 12
16.	90014-952-000	Flange Bolt, 6 x 14
17.	90015-ZE5-010	Governor Arm Bolt
18.	90114-SA0-000	Self-lock Nut, 6mm
19.	93892-04012-00	Screw-Washer, 4 x 12
20.	94050-06000	Flange Nut, 6mm
21.	94103-04000	Plain Washer, 4mm

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170-T0B Air Cleaner & Muffler



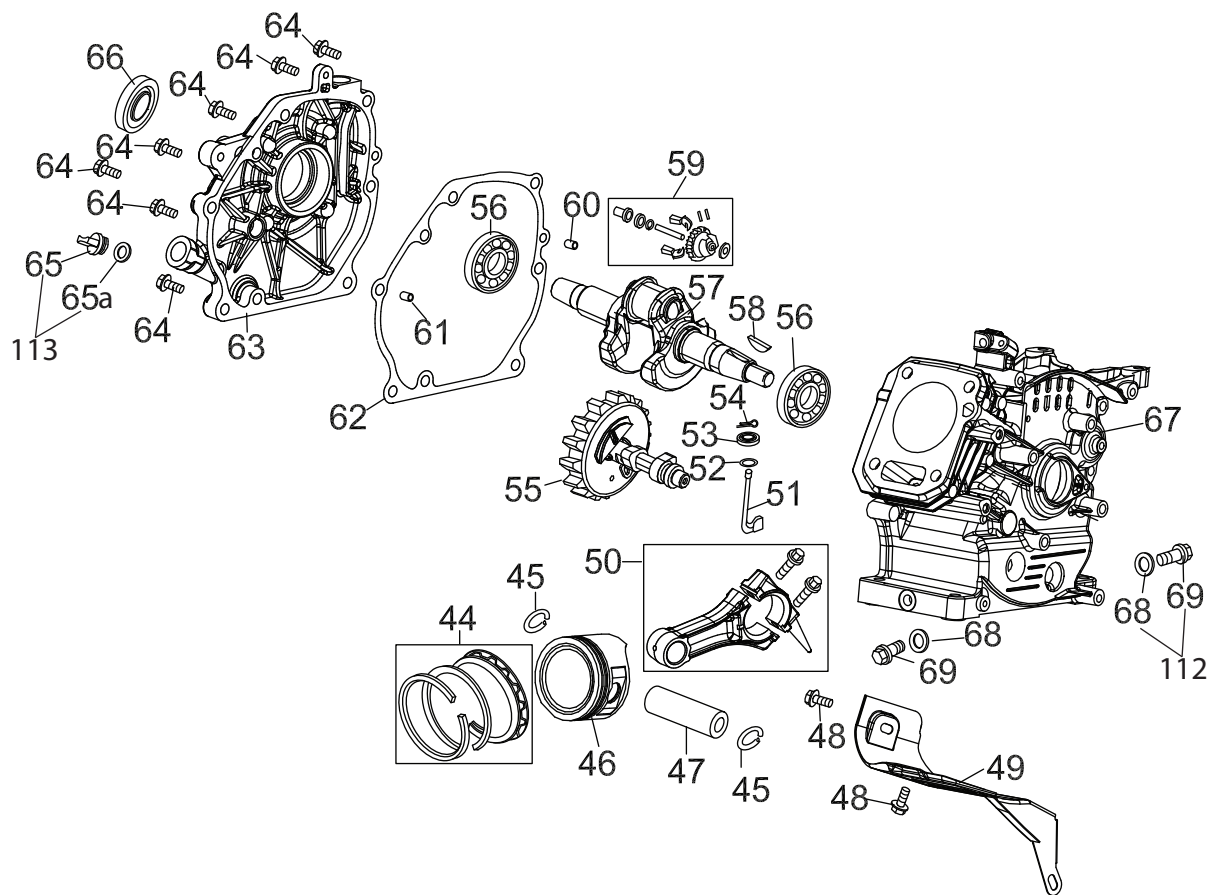
Ref.	Part Number	Description
20	951-11285	Exhaust Pipe Gasket
21	712-04214	Nut, M8
22	951-12156	Muffler Assembly
23	710-05002	Bolt
30	951-10806	Air Cleaner Housing
31	712-04213	Nut
32	710-05102	Self-Tapping Bolt M4.2×16
34	951-12135	Silencer Plate
35	951-10794	Air Cleaner Assembly
36	951-10794	Air Cleaner Assembly
37	951-12136	Air Cleaner Cover



Ref.	Part Number	Description
28	951-12124	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 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
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)

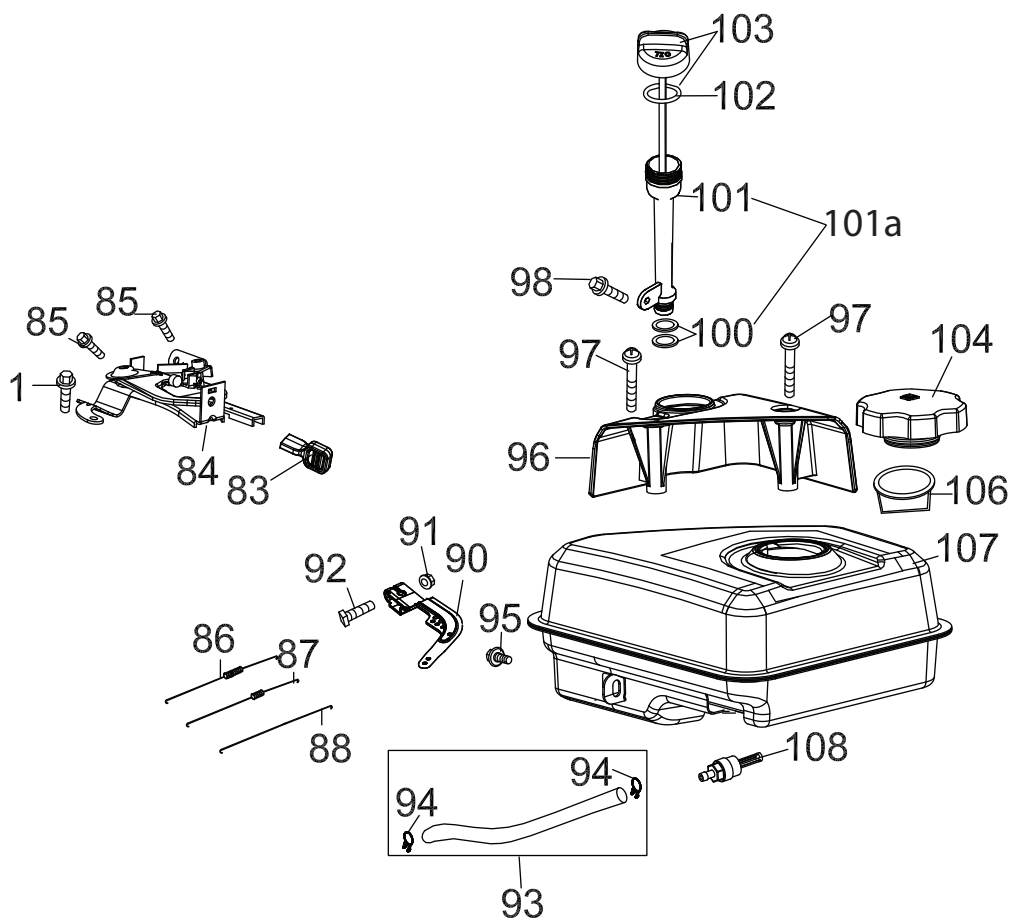
170-T0B Crankcase



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

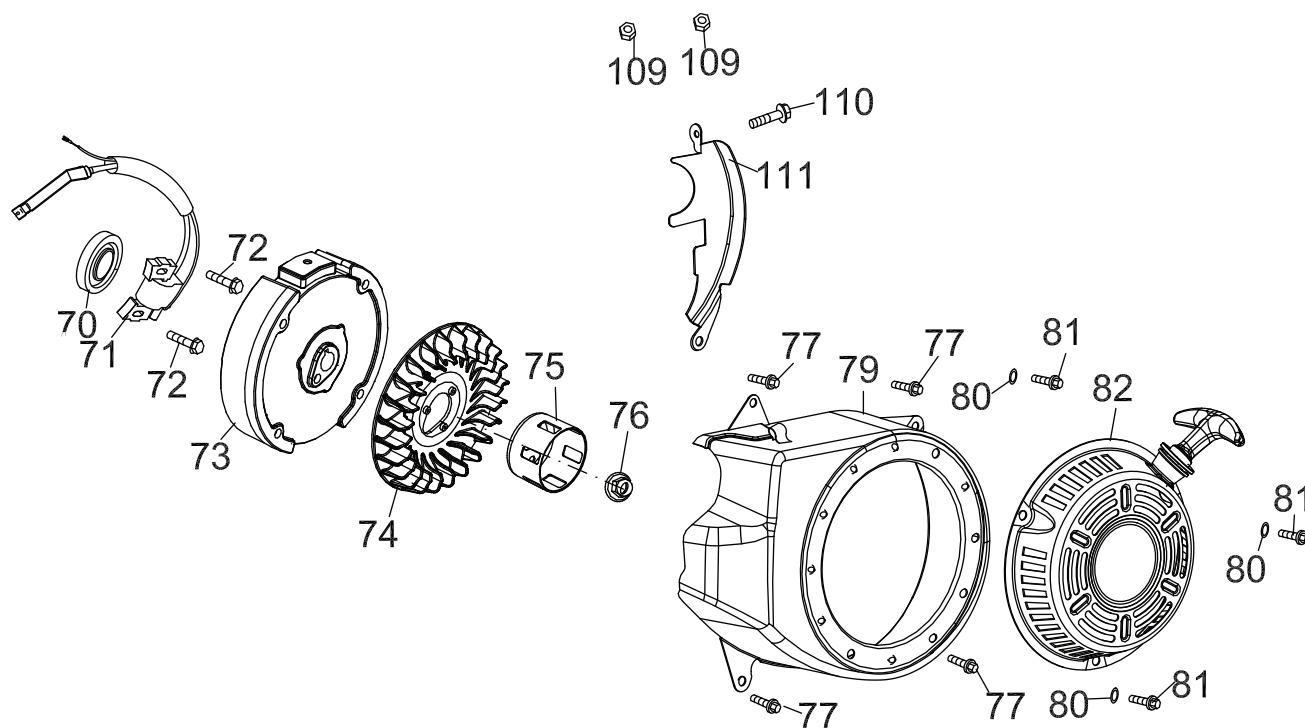
Ref.	Part Number	Description
60	715-04092	Dowel Pin 7×14
61	715-04089	Dowel Pin 9×14
62	951-11371	Crankcase Cover Gasket
63	951-12125	Cover Comp, Left Crankcase
64	710-04932	Bolt M8×32
65	951-11377	Oil Filler Plug Ass'y
65a	951-11577	O-Ring
66	951-11578	Oil Seal, 25×41.25×6
67	951-12155	Short Block (Incl 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-T0B Fuel Tank



Ref.	Part Number	Description
1	710-04968	Bolt M6x16
83	951-11067	Throttle Control Knob
84	951-12131	Primer Bracket
85	710-04928	Bolt M6x12
86	951-11585	Governor Spring
87	951-10664	Throttle Linkage Spring
88	951-10665	Throttle Linkage
90	951-11106	Governor Arm
91	712-04212	Nut M6
92	710-04908	Governor Arm Bolt
93	951-10650	Fuel Line Kit
94	951-11700	Fuel Hose Clamp
95	710-04915	Bolt M6x12

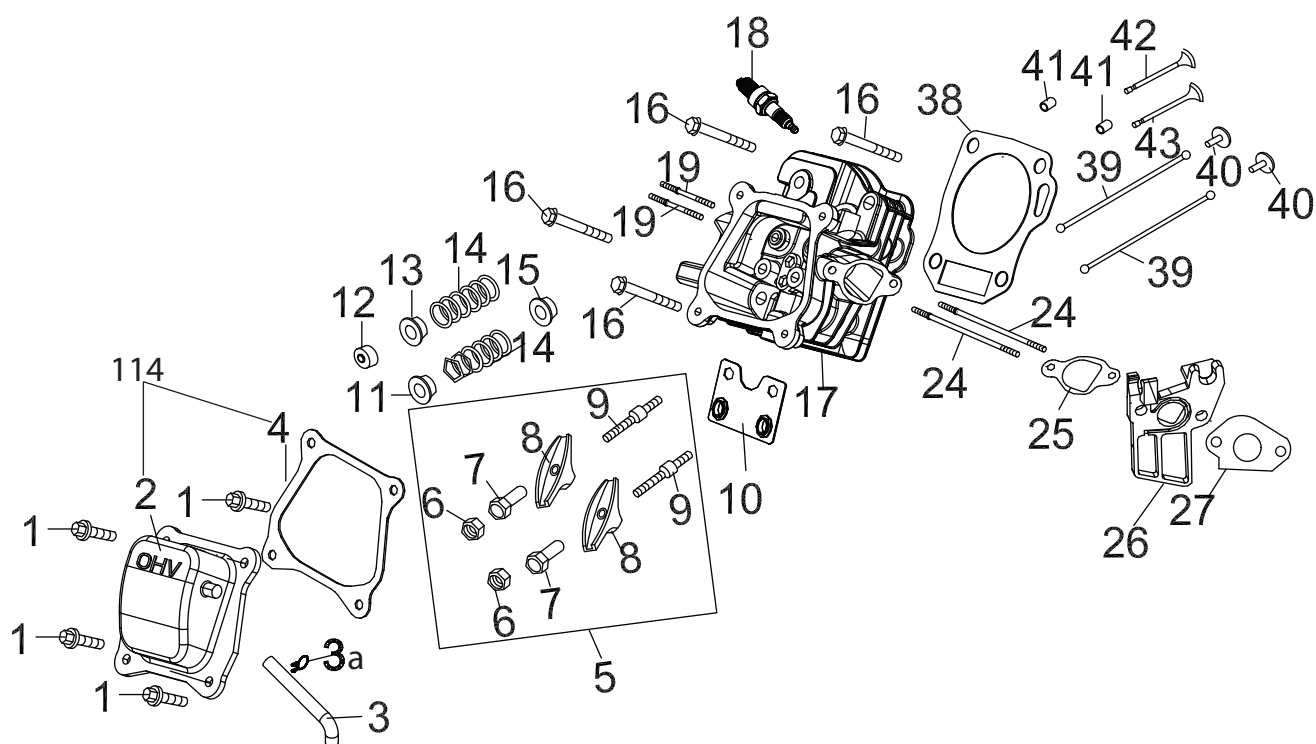
Ref.	Part Number	Description
96	951-10662	Dipstick Decoration Cover
97	710-04905	Bolt
98	710-04915	Bolt M6x12
100	951-11903	Oil Fill Tube O-Ring
101	951-10656	Oil Fill Tube
101a	951-11913	Oil Fill Tube Assembly
102	951-11904	Oil Fill Tube O-Ring
103	951-11912	Dipstick Assembly
104	951-10917	Fuel Cap Assembly
106	951-11933	Fuel Filter
107	951-12159	Fuel Tank
108	951-10651	Fuel Tank Nipple



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-T0B Cylinder Head

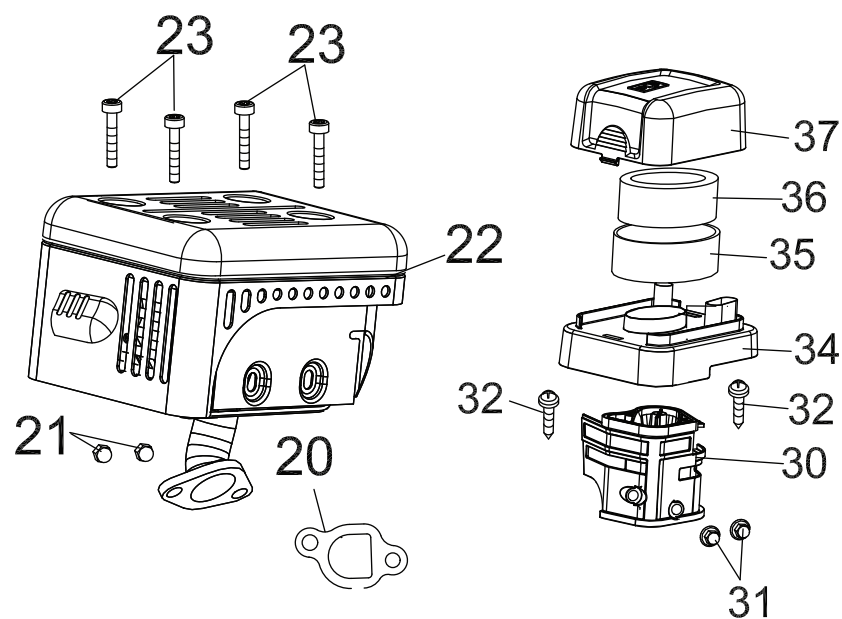


170-T0B Cylinder Head

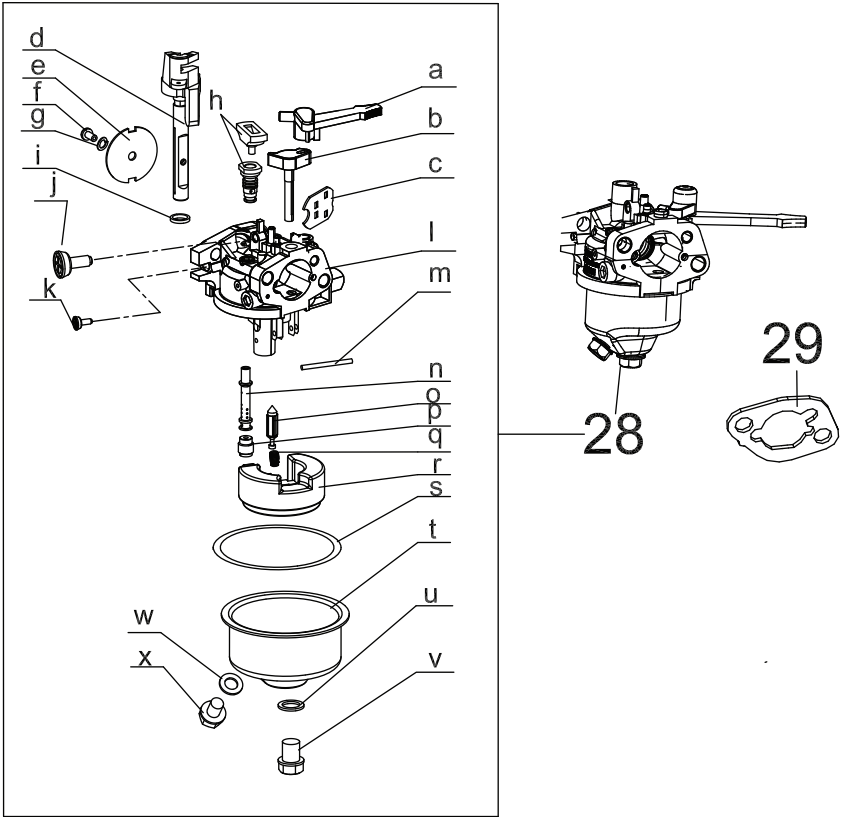
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	731-07059	Breather Hose
3a	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut, Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt, Pivot
10	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)

170-V0B Air Cleaner & Muffler



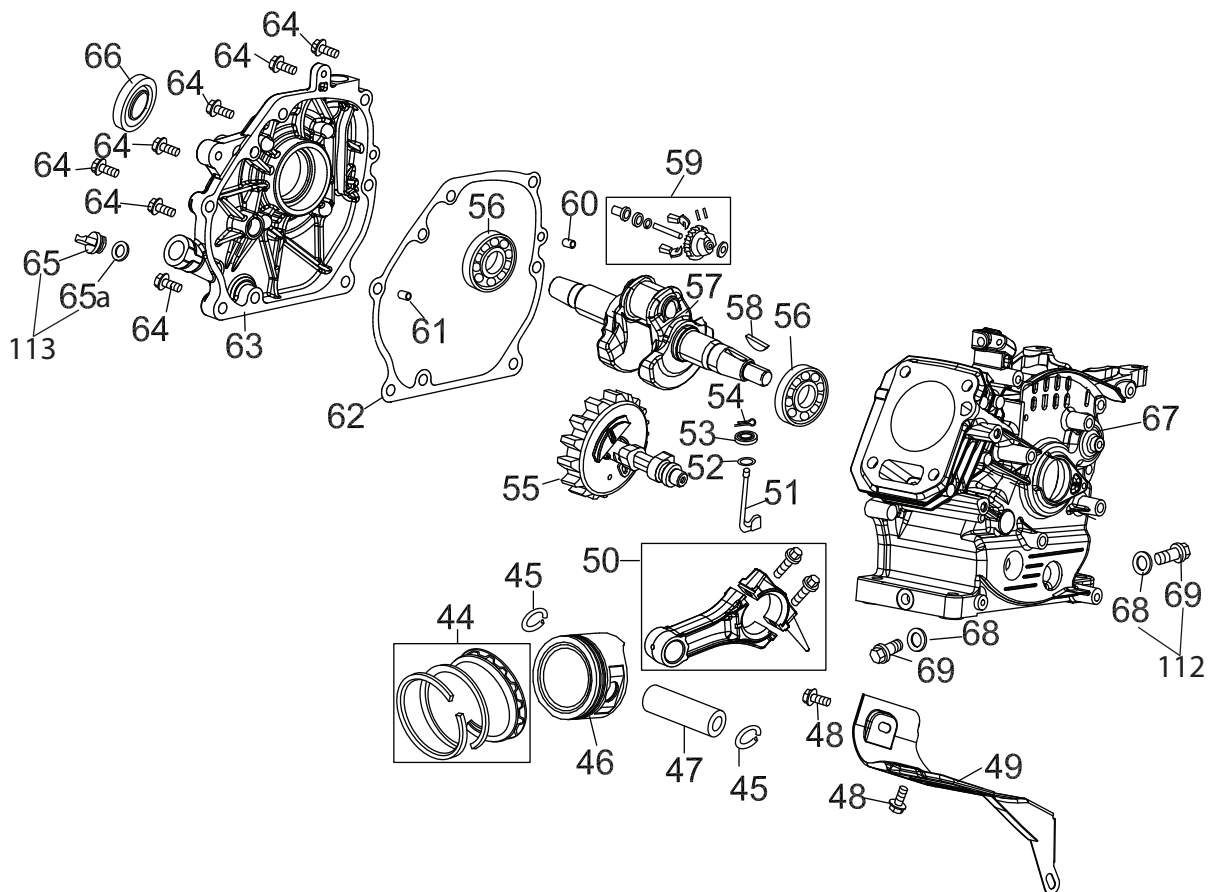
Ref.	Part Number	Description
20	951-11285	Exhaust Pipe Gasket
21	712-04214	Nut, M8
22	751-12294	Muffler Assembly
23	710-05002	Bolt
30	951-10806	Air Cleaner Housing
31	712-04213	Nut
32	710-05102	Self-Tapping Bolt M4.2×16
34	951-12135	Silencer Plate
35	951-10794	Air Cleaner Assembly
36	951-10794	Air Cleaner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

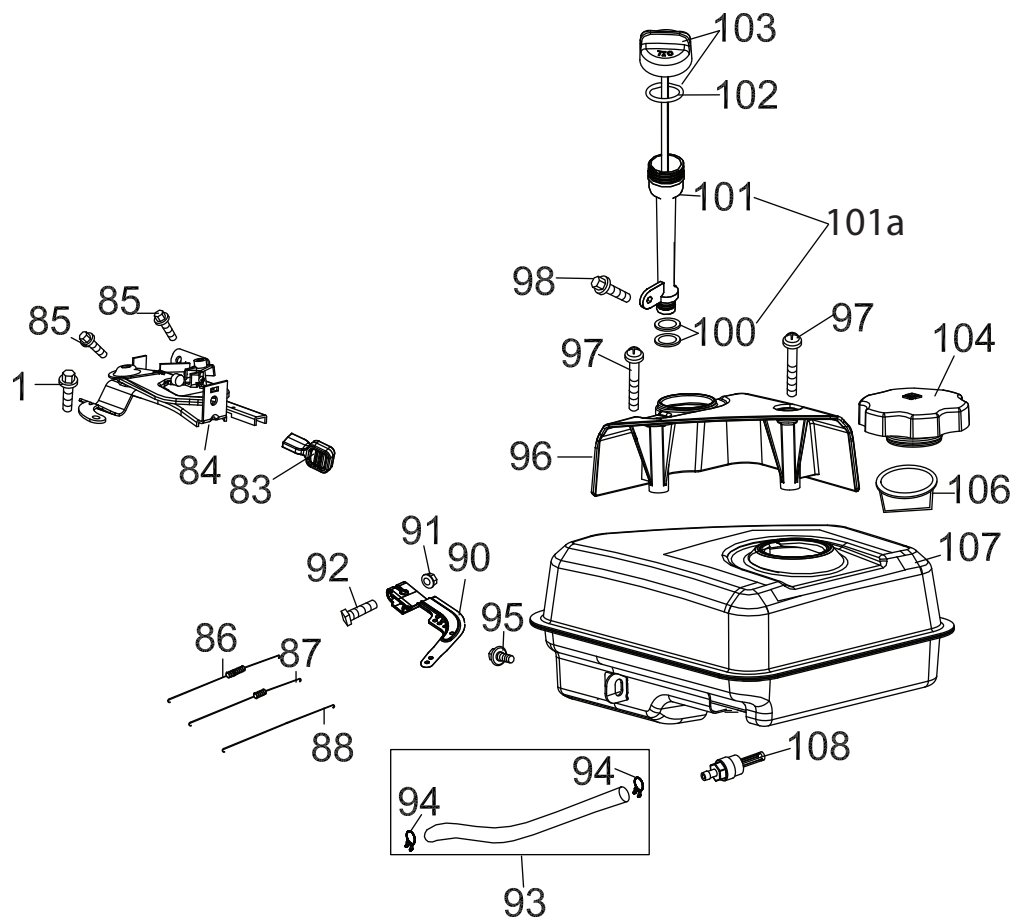
170-V0B Crankcase



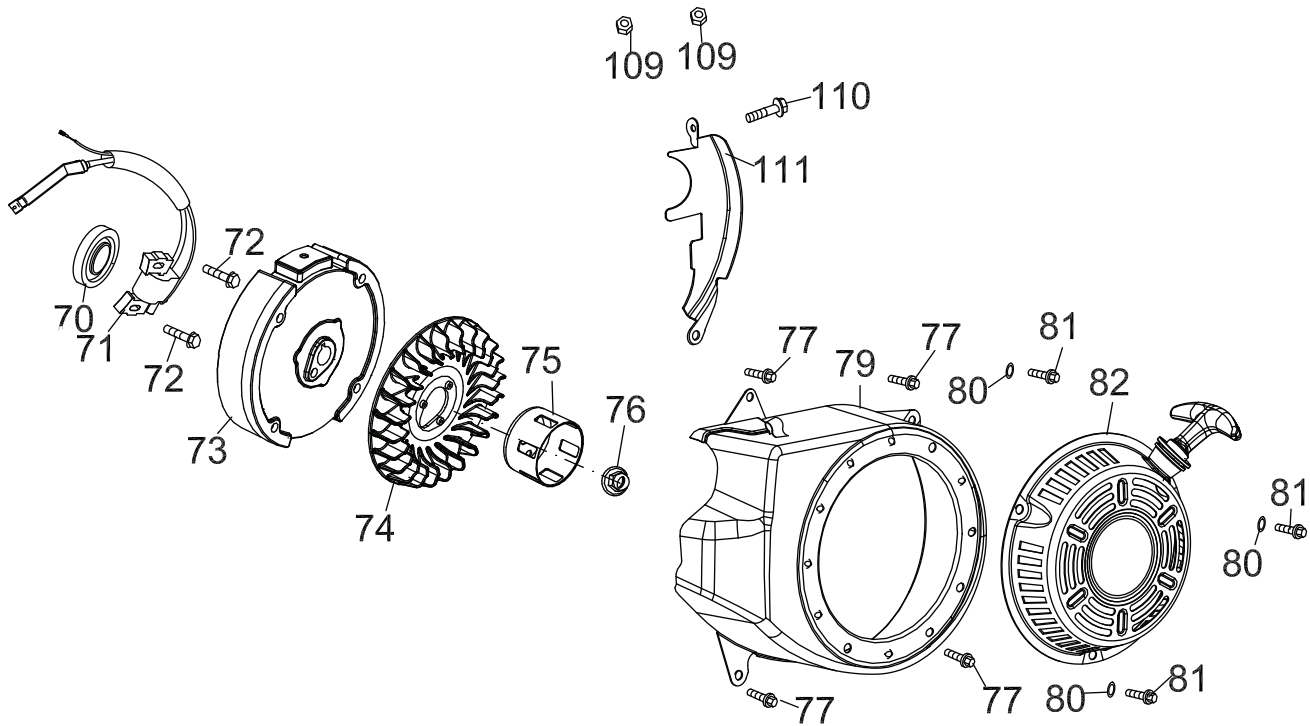
Ref.	Part Number	Description
44	951-11253	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12007	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6×12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer 5.2×1.9
53	951-11574	Governor 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



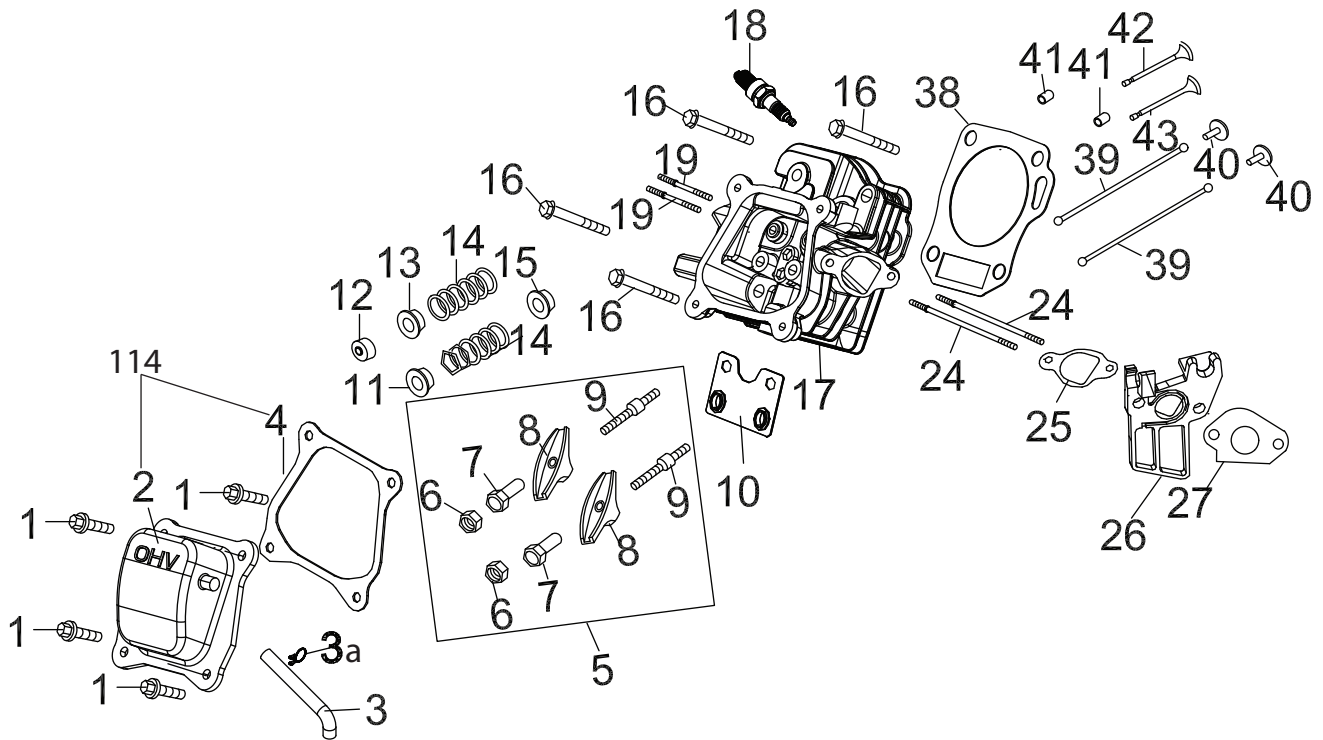
Ref.	Part Number	Description	Ref.	Part Number	Description
1	710-04968	Bolt M6x16	96	951-11914	Dipstick Decoration Cover
83	951-11067	Throttle Control Knob	97	710-04905	Bolt
84	951-12131	Primer Bracket	98	710-04915	Bolt M6x12
85	710-04928	Bolt M6x12	100	951-11903	Oil Fill Tube O-Ring
86	951-11585	Governor 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

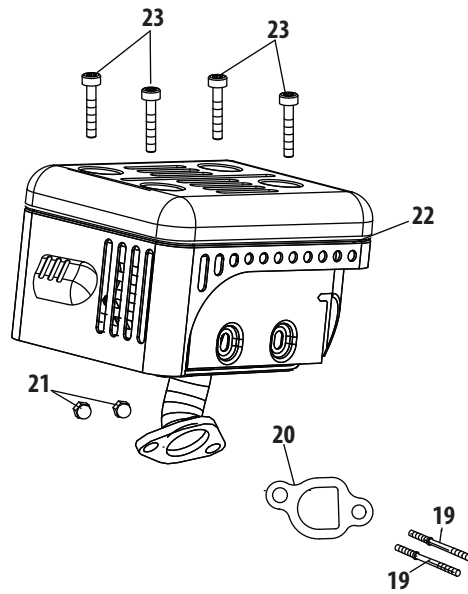


170-V0B Cylinder Head

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

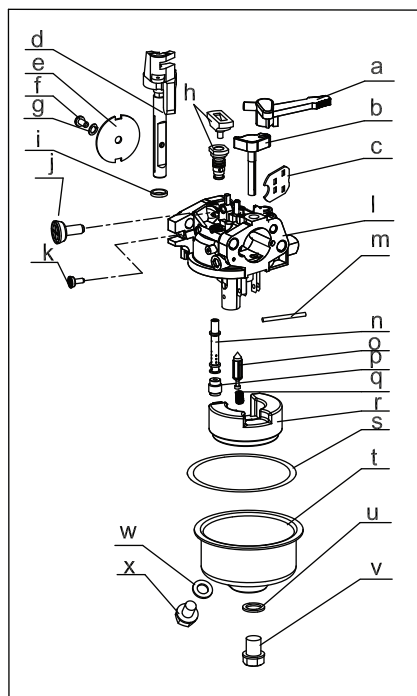
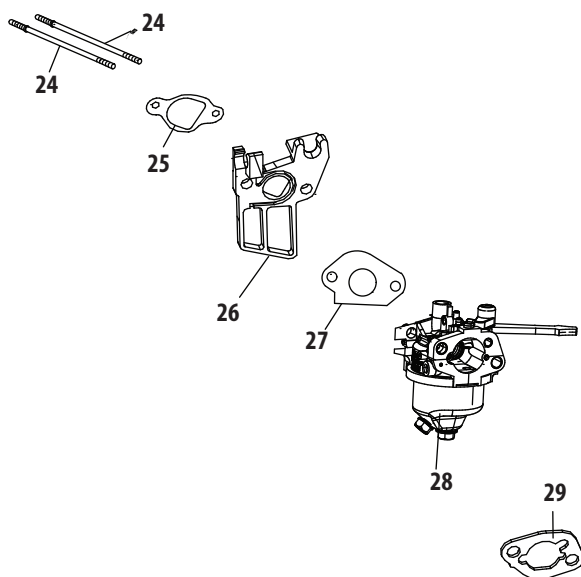
Ref.	Part Number	Description
19	710-05276	Muffler Stud M8×36
19	951-10657	Muffler Stud Assembly
24	710-05101	Stud M6×110
25	951-11567	Carburetor Insulator Gasket
26	951-11568	Carburetor Insulator
27	951-11569	Carburetor Gasket
38	951-11572	Gasket, Cylinder Head
39	951-10648	Push Rod
40	951-11899	Tappet
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

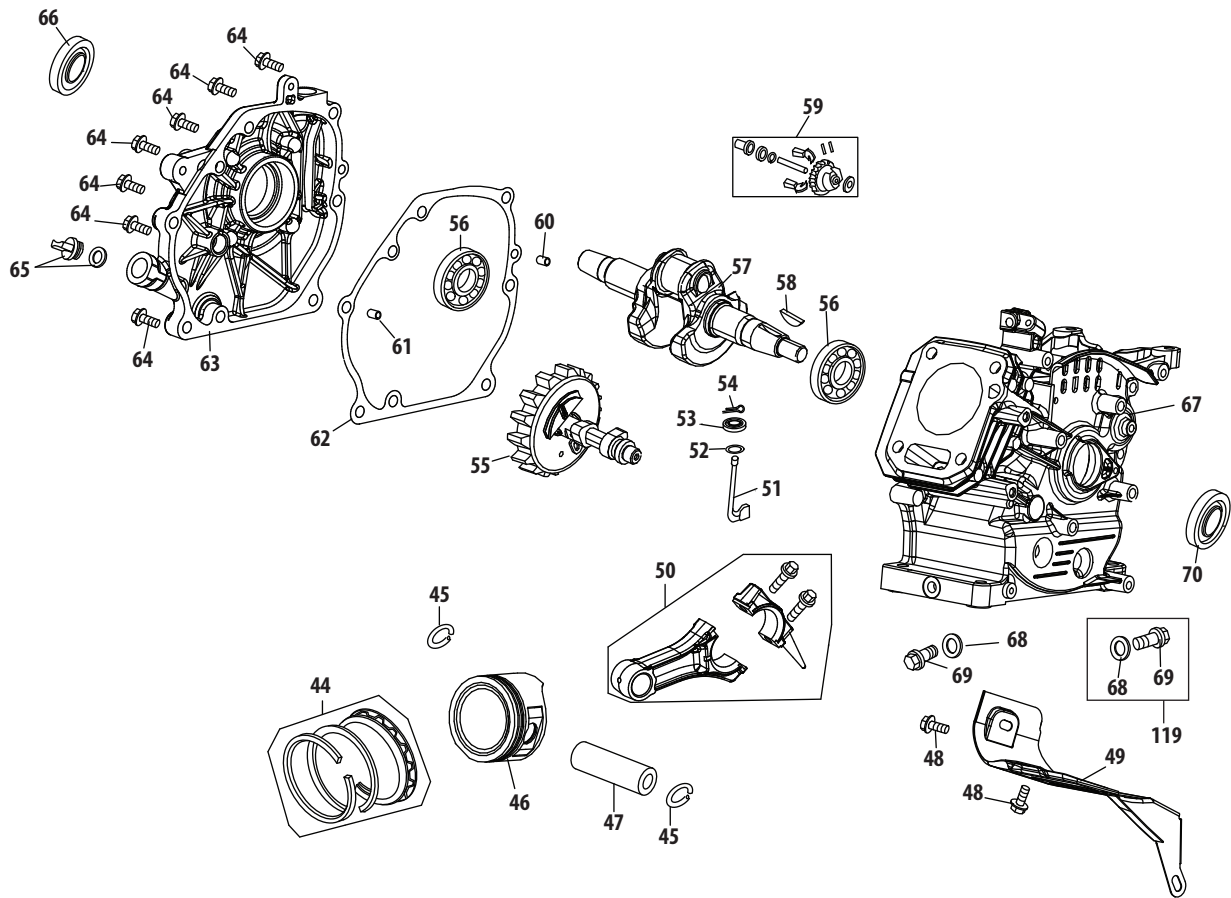
270-V0 Carburetor Assembly



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

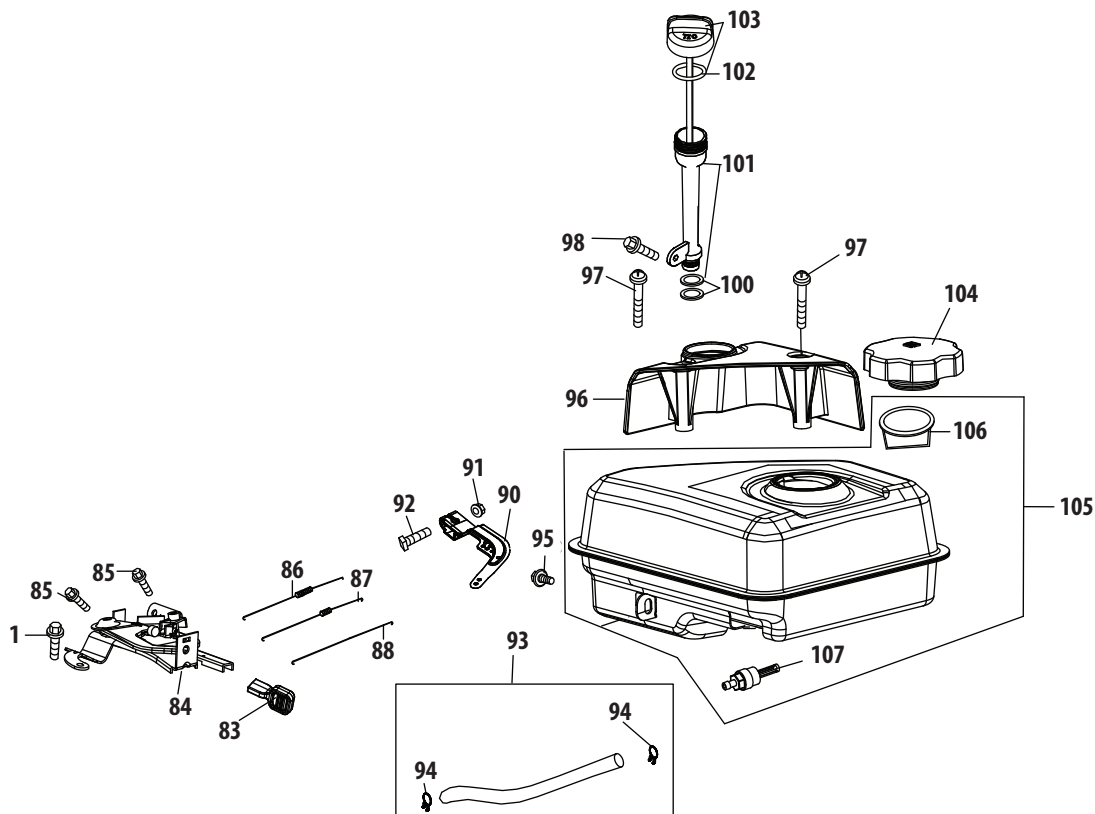
Ref.	Part Number	Description
k	N/A	Mixture Screw
l	N/A	Carburetor Body
m	N/A	Float Pin
n	N/A	Emulsion Tube
o	N/A	Needle Valve
p	N/A	Main Jet
q	N/A	Needle Valve Spring
r	N/A	Float
s	951-11589	Fuel Bowl Gasket
t	N/A	Fuel Bowl
u	951-11348	Fuel Bowl Gasket
v	710-04945	Fuel Bowl Mounting Bolt
w	951-11349	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



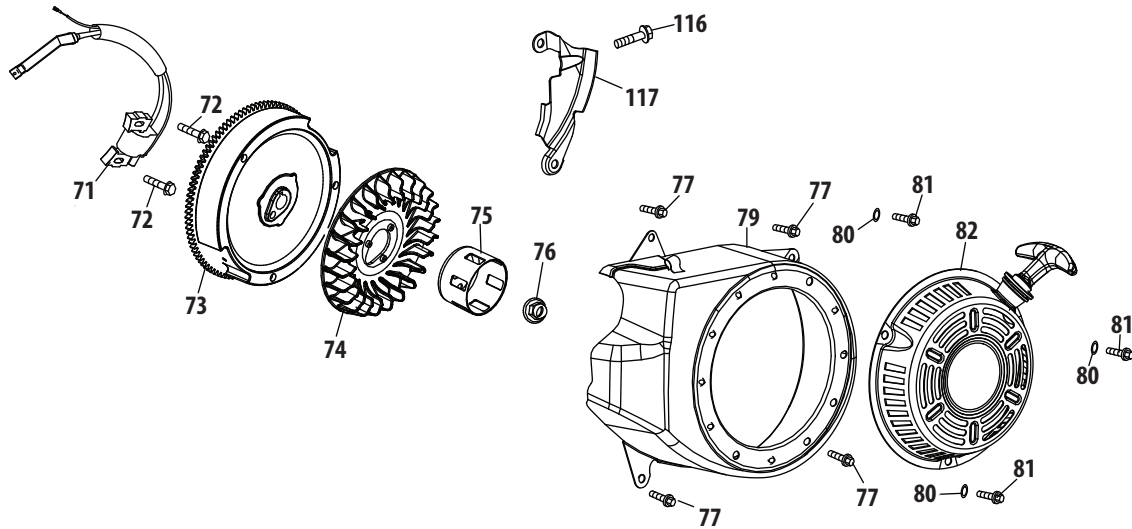
Ref.	Part Number	Description
44	951-11253	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12007	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6×12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer 5.2×1.9
53	951-11574	Governor 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



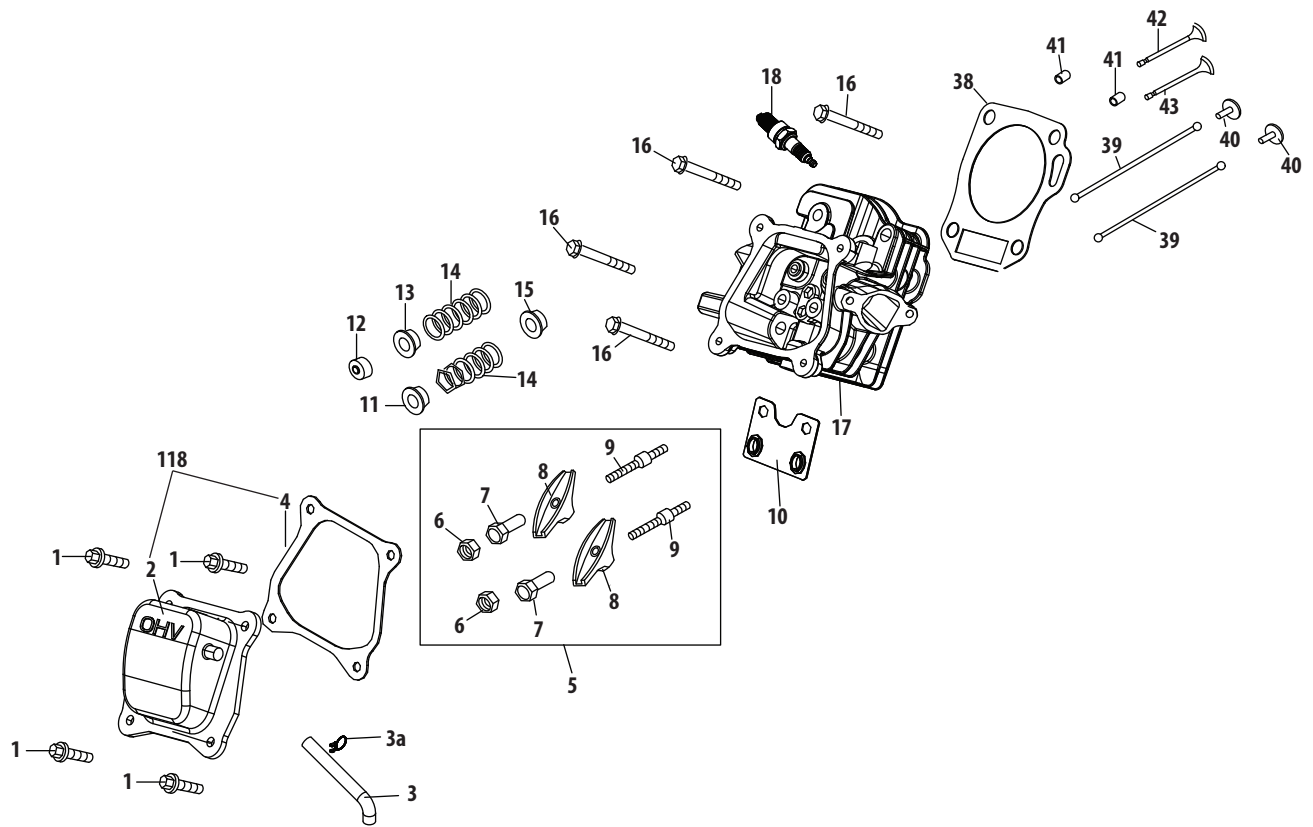
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
83	951-11067	Throttle Control Knob
84	951-12131	Primer Bracket
85	710-04928	Bolt M6×12
86	951-11585	Governor Spring
87	951-10664	Throttle Linkage Spring
88	951-10665	Throttle Linkage
90	951-11106	Governor Arm Bracket
91	712-04212	Nut M6
92	710-04908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



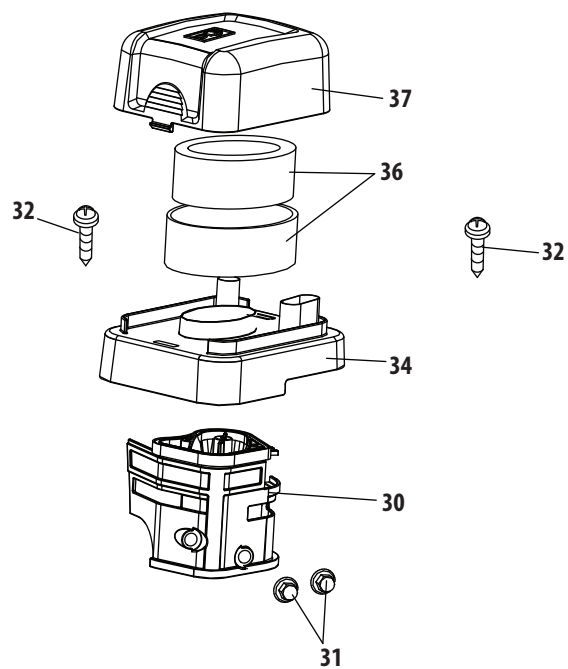
Ref.	Part Number	Description
71	951-10792	Ignition Coil Assembly
72	710-04919	Bolt M6x25
73	951-12416	Flywheel
74	951-10909	Fan, Cooling
75	951-10911	Pulley, Starter
76	712-04209	Nut, Special, M14x1.5
77	710-04915	Bolt M6x12
79	951-12417	Blower Housing
80	736-04455	Flat Washer
81	710-04974	Bolt M6x10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

270-V0 Cylinder Head

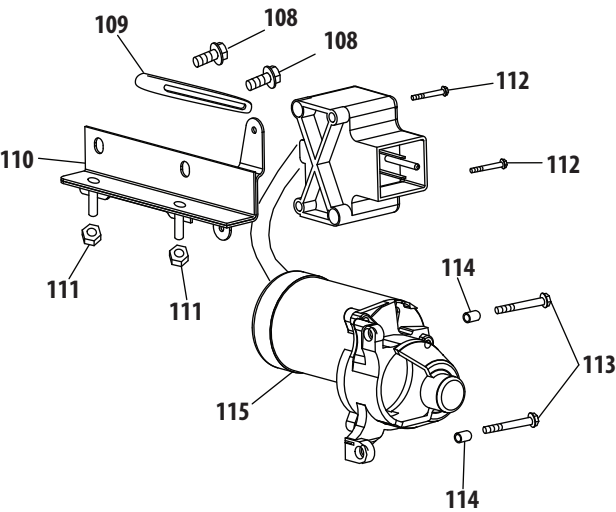


Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	731-07059	Breather Hose
3a	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut,Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt,Pivot
10	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

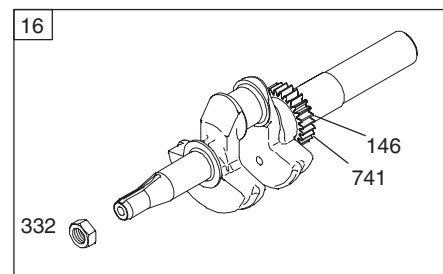
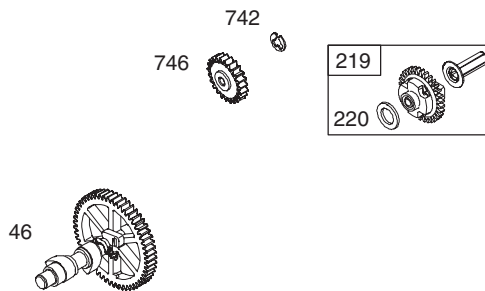
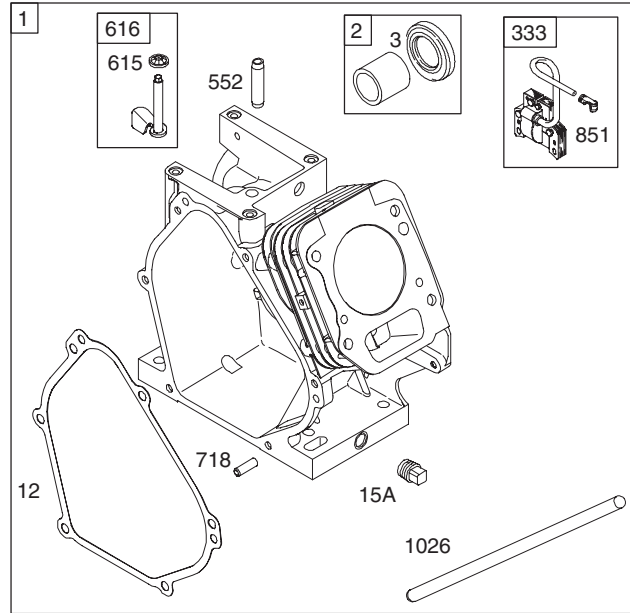
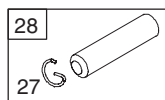
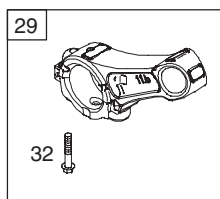
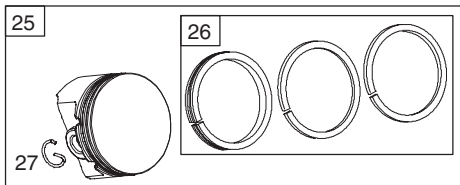
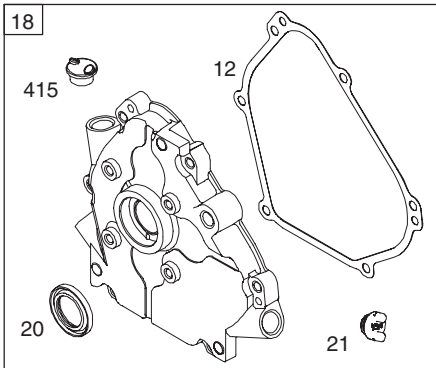
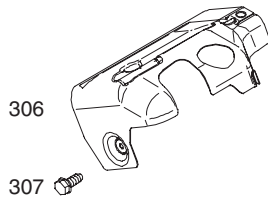
Briggs & Stratton Engine Model 12T102

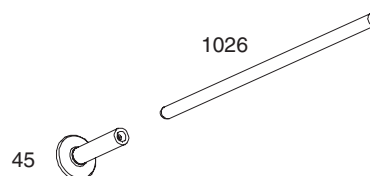
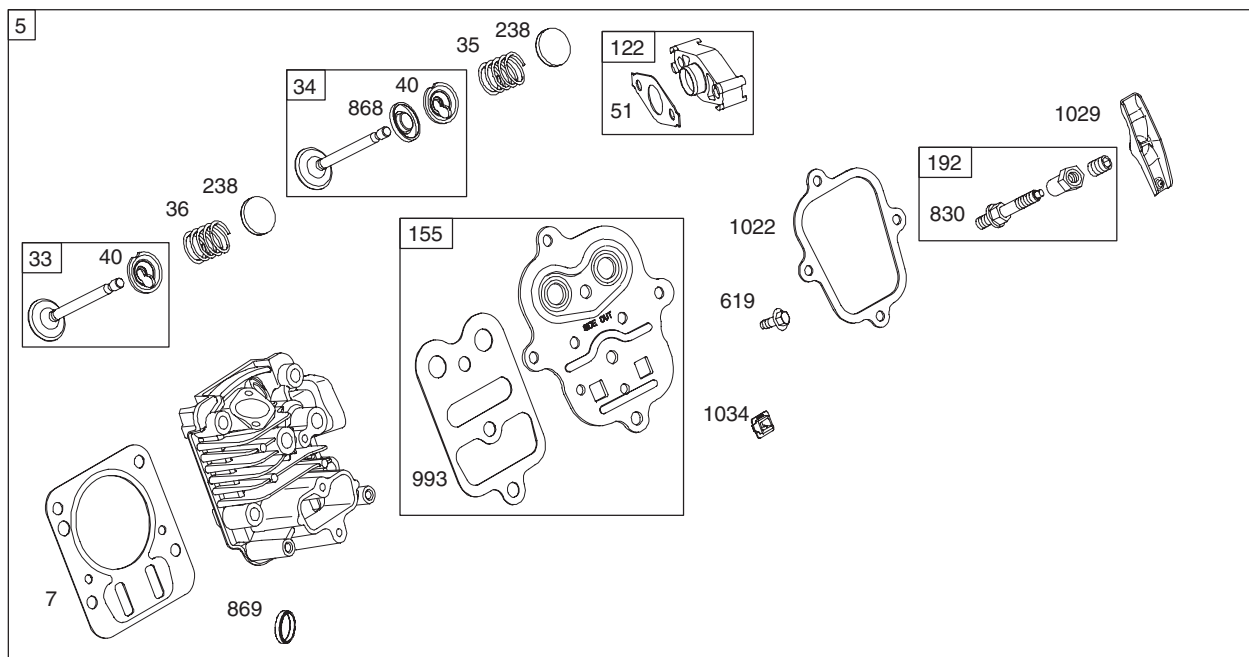
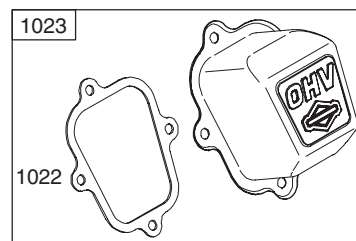
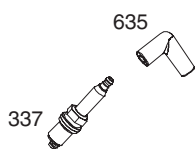
48 SHORTB LOCK

1058 OPERATOR'S MANUAL

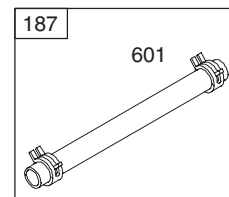
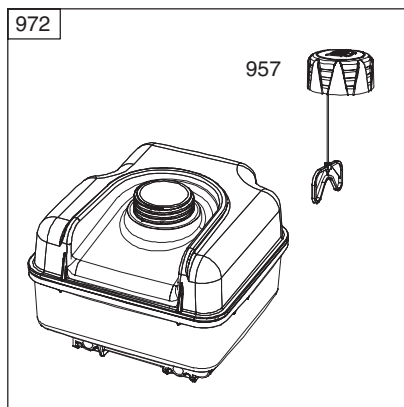
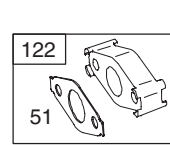
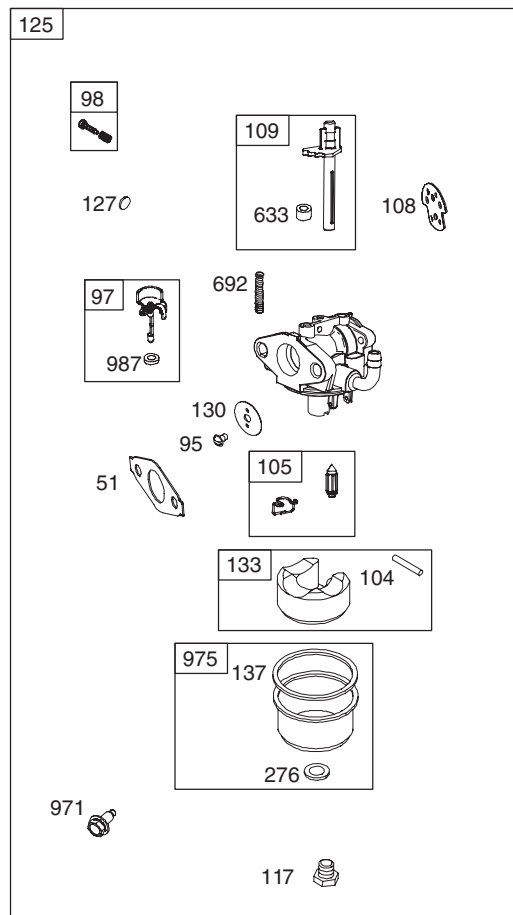
1329 REPLACEMENT ENGINE

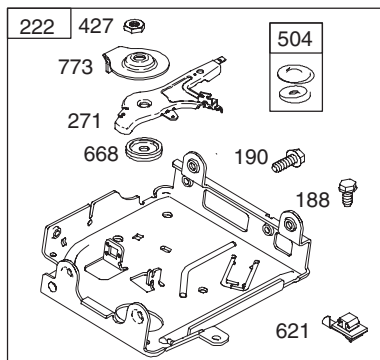
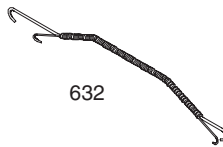
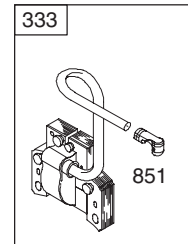
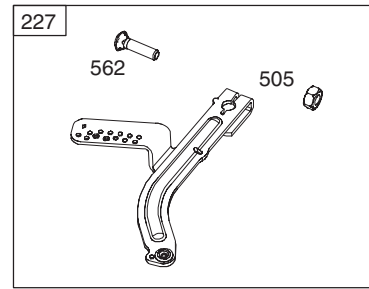
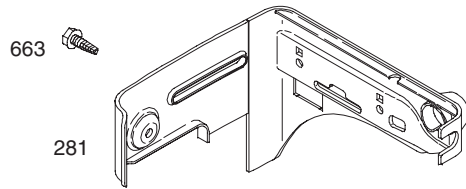
1330R REPAIR MANUAL



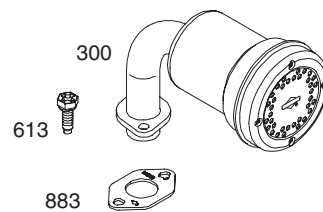
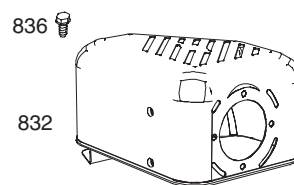
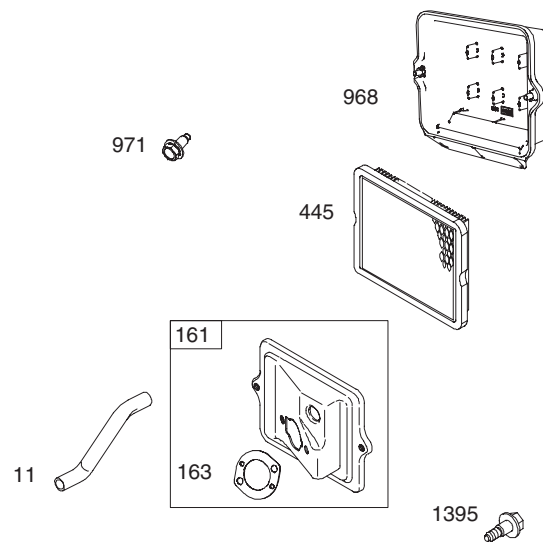


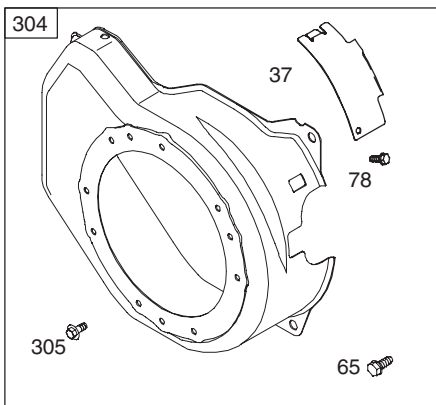
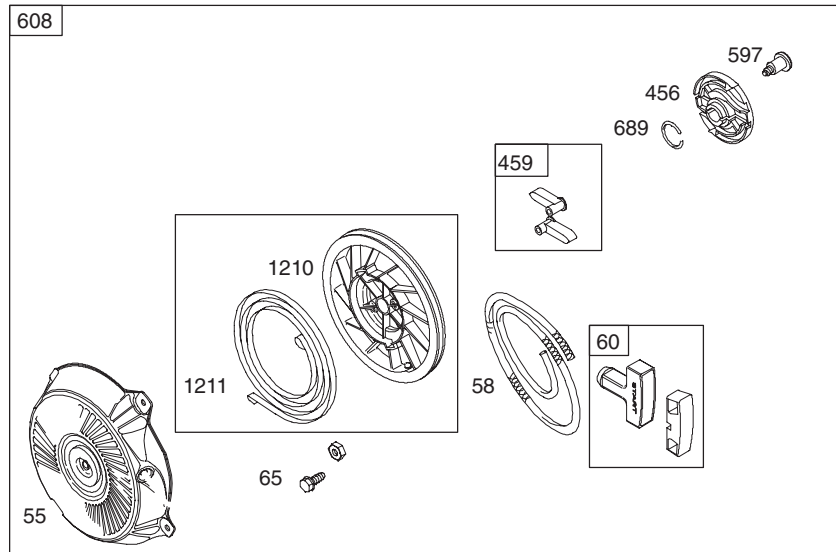
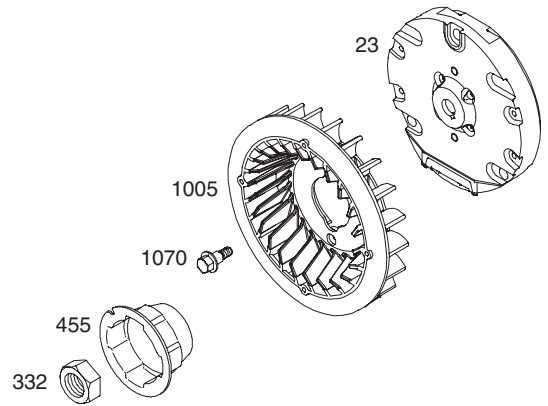
Briggs & Stratton Engine Model 12T102





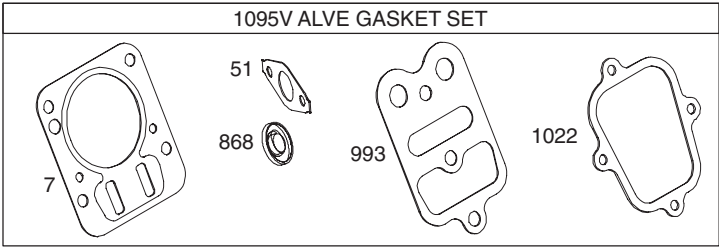
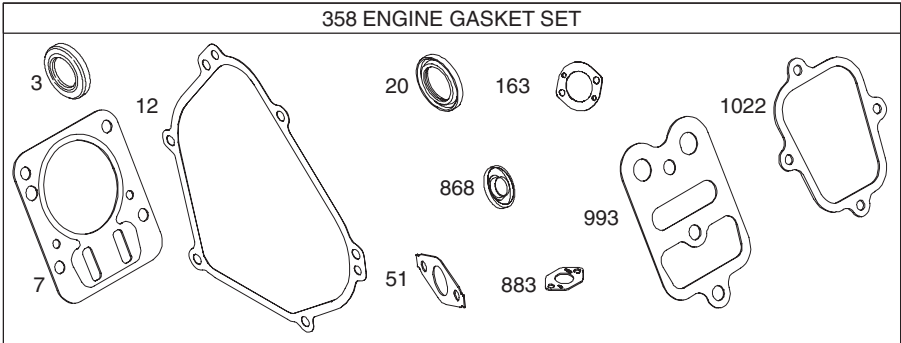
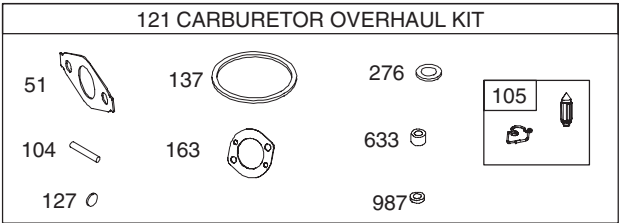
Briggs & Stratton Engine Model 12T102





1036E MISSIONS LABEL

Briggs & Stratton Engine Model 12T102



Briggs & Stratton Engine Model 12T102

Ref.	Part No.	Description
1	BS-699510	Cylinder Assembly
2	BS-796961	Kit-Bushing/Seal (Magneto Side)
3	BS-299819s	Seal-Oil (Magneto Side)
5	BS-797439	Head-Cylinder
7	BS-698210	Gasket-Cylinder Head
11	BS-790632	Tube-Breather
12	BS-699485	Gasket-Crankcase
13	BS-699482	Screw (Cylinder Head)
15	BS-691686	Plug-Oil Drain
15A	BS-691682	Plug-Oil Drain
16	BS-797074	Crankshaft
18	BS-699696	Cover-Crankcase
20	BS-692550	Seal-Oil (PTO Side)
21	BS-281658s	Cap-Oil Fill
22	BS-699478	Screw (Crankcase Cover/Sump)
23	BS-699488	Flywheel
24	BS-796335	Key-Flywheel (Steel)
—	BS-222698s	Key-Flywheel (Aluminum)
25	BS-795429	Piston Assembly (Standard)
—	BS-795430	Piston Assembly (.020" Oversize)
26	BS-791969	Ring Set (Standard)
—	BS-793001	Ring Set (.020" Oversize)
27	BS-691866	Lock-Piston Pin
28	BS-499423	Pin-Piston
29	BS-798813	Rod-Connecting
32	BS-797437	Screw (Connecting Rod)
33	BS-499642	Valve-Exhaust
34	BS-795443	Valve-Intake
35	BS-691304	Spring-Valve (Intake)
36	BS-691304	Spring-Valve (Exhaust)
37	BS-699661	Guard-Flywheel
40	BS-692194	Retainer-Valve
45	BS-690977	Tappet-Valve
46	BS-693404	Camshaft
48	N/A	Short Block
51	BS-692555	Gasket-Intake
55	BS-791848	Housing-Rewind Starter
58	BS-693389	Rope-Starter
60	BS-490652	Grip-Starter Rope
65	BS-699228	Screw (Rewind Starter)
78	BS-793480	Screw (Flywheel Guard) (M5x14mm)
95	BS-691636	Screw (Throttle Valve)

Ref.	Part No.	Description
97	BS-797628	Shaft-Throttle
98	BS-797156	Kit-Idle Speed
104	BS-797622	Pin-Float Hinge
105	BS-797139	Valve-Float Needle
108	BS-692567	Valve-Choke
109	BS-790624	Shaft-Choke
117	BS-798661	Jet-Main (Standard)
118	N/A	Jet-Main (High Altitude)
121	BS-797634	Kit-Carburetor Overhaul
122	BS-795208	Spacer-Carburetor
125	BS-798653	Carburetor
127	BS-797633	Plug-Welch
130	BS-797630	Valve-Throttle
133	BS-797136	Float-Carburetor
137	BS-797625	Gasket-Float Bowl
146	BS-690979	Key-Timing
155	BS-797442	Plate-Cylinder Head
161	BS-790631	Base-Air Cleaner
163	BS-696024	Gasket-Air Cleaner
187	BS-791874	Line-Fuel (Formed)
188	BS-699479	Screw (Control Bracket)
190	BS-699220	Screw (Fuel Tank)
192	BS-797440	Adjuster-Rocker Arm
209	BS-691278	Spring-Governor (Platinum)
—	BS-692571	Spring-Governor (# 6 Hole)
219	BS-693578	Gear-Governor
220	BS-691724	Washer (Governor Gear)
222	BS-793107	Bracket-Control
227	BS-794367	Lever-Governor Control
238	BS-691300	Cap-Valve
271	BS-694256	Lever-Control
276	BS-797632	Washer-Sealing
281	BS-793122	Panel-Control
300	BS-693593	Muffler
304	BS-699598	Housing-Blower
305	BS-699481	Screw (Blower Housing)
306	BS-795334	Shield-Cylinder
307	BS-699483	Screw (Cylinder Shield)
332	BS-792723	Nut (Flywheel)
333	BS-796964	Armature-Magneto
334	BS-699477	Screw (Magneto Armature)
337	BS-491055s	Plug-Spark

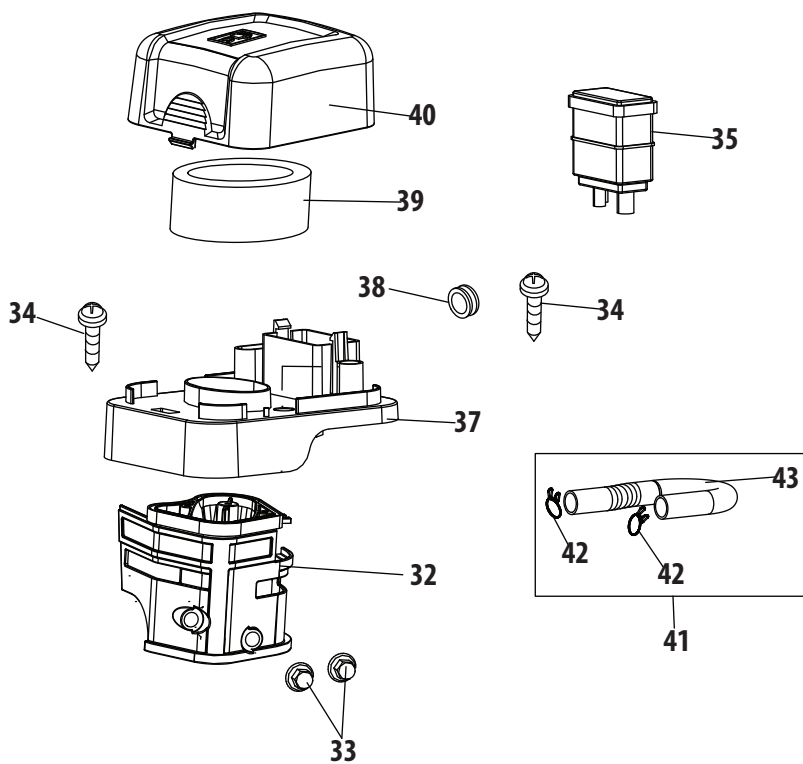
Briggs & Stratton Engine Model 12T102

Ref.	Part No.	Description
356	BS-695814	Wire-Stop
358	BS-791797	Gasket Set-Engine
365	BS-699484	Screw (Carburetor)
415	BS-693463	Plug (Crankcase Cover)
445	BS-491588s	Filter-Air Cleaner Cartridge
455	BS-692591	Cup-Flywheel
456	BS-692299	Plate-Pawl Friction
459	BS-281505s	Pawl-Ratchet
504	BS-695383	Washer Set-Friction (Control Bracket)
505	BS-691251	Nut (Governor Control Lever)
522	BS-798503	Plug-Dipstick/Fill
535	BS-493537s	Filter-Air Cleaner Foam
552	BS-692346	Bushing-Governor Crank
562	BS-691119	Bolt (Governor Control Lever)
597	BS-691696	Screw (Pawl Friction Plate)
601	BS-791850	Clamp-Hose (Green)
608	BS-795930	Starter-Rewind
613	BS-699209	Screw (Muffler)
615	BS-692576	Retainer-Governor Shaft
616	BS-692547	Crank-Governor
619	BS-699230	Screw (Cylinder Head Plate)
621	BS-692310	Switch-Stop (Brake)
632	BS-693408	Spring/Link-Mechanical Governor
633	BS-693867	Seal-Choke/Throttle Shaft (Choke Shaft)
635	BS-692076	Boot-Spark Plug
663	BS-699206	Screw (Control Panel)
741	BS-695087	Gear-Timing
668	BS-694257	Spacer (Control Bracket)
689	BS-691855	Spring-Friction
692	BS-797624	Spring-Detent
718	BS-690959	Pin-Locating
742	BS-692564	Retainer-E Ring
746	BS-790278	Gear-Idler
819	BS-699233	Screw (Muffler Bracket)
830	BS-797441	Stud-Rocker Arm
832	BS-693583	Guard-Muffler
836	BS-699632	Screw (Muffler Guard)
851	BS-493880s	Terminal-Spark Plug
868	BS-795440	Seal-Valve
883	BS-691893	Gasket-Exhaust
914	BS-699480	Screw (Rocker Cover) (M6x15.8mm)
—	BS-797444	Screw (Rocker Cover) (M6x9.5mm)

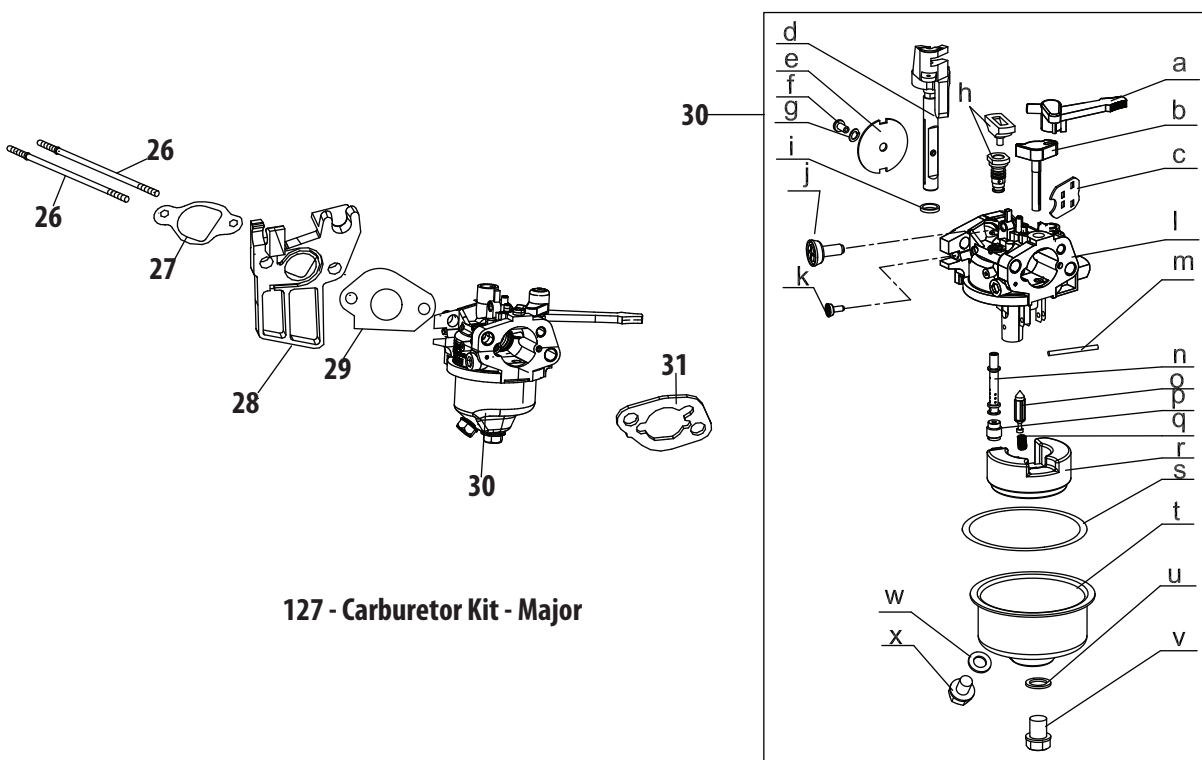
Ref.	Part No.	Description
951	BS-790630	Lever-Choke
957	BS-799719	Cap-Fuel Tank
968	BS-791082	Cover-Air Cleaner
971	BS-798649	Screw (Air Cleaner Base to Carburetor)
972	BS-799863	Tank-Fuel
975	BS-797631	Bowl-Fuel
987	BS-797629	Seal-Throttle Shaft
993	BS-694088	Gasket-Cylinder Head Plate
1005	BS-692592	Fan-Flywheel
1022	BS-691890	Gasket-Rocker Cover
1023	BS-499924	Cover-Rocker
1026	BS-790287	Rod-Push
1029	BS-797443	Arm-Rocker
1034	BS-691343	Guide-Push Rod
1036		Label-Emissions (Available from a Briggs & Stratton Authorized Dealer)
1070	BS-699201	Screw (Flywheel Fan)
1095	BS-791798	Gasket Set-Valve
1137	BS-694258	Screw (Control Bracket) (High Speed Control)
1147	BS-798458	Nut (Control Bracket) (Friction)
1210	BS-791849	Pulley/Spring Assembly (Pulley)
1211	BS-791849	Pulley/Spring Assembly (Spring)
1329	N/A	Replacement Engine
1395	BS-690370	Screw (Air Cleaner Base)

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170-TU Air Cleaner



Ref.	Part Number	Description
32	951-10806	Air Cleaner Housing
33	712-04213	Nut
34	951-14068	Self-Tapping Bolt M4.2×16
35	951-14069	Carbon Canister
37	951-14070	Silencer Plate
38	750-05314	Rubber Shock Pad
39	951-10794	Air Filter Assembly
40	951-14071	Air Filter Cover
41	951-14072	Primer Hose
42	951-14073	Clamp
43	951-14074	Exhaust Piping

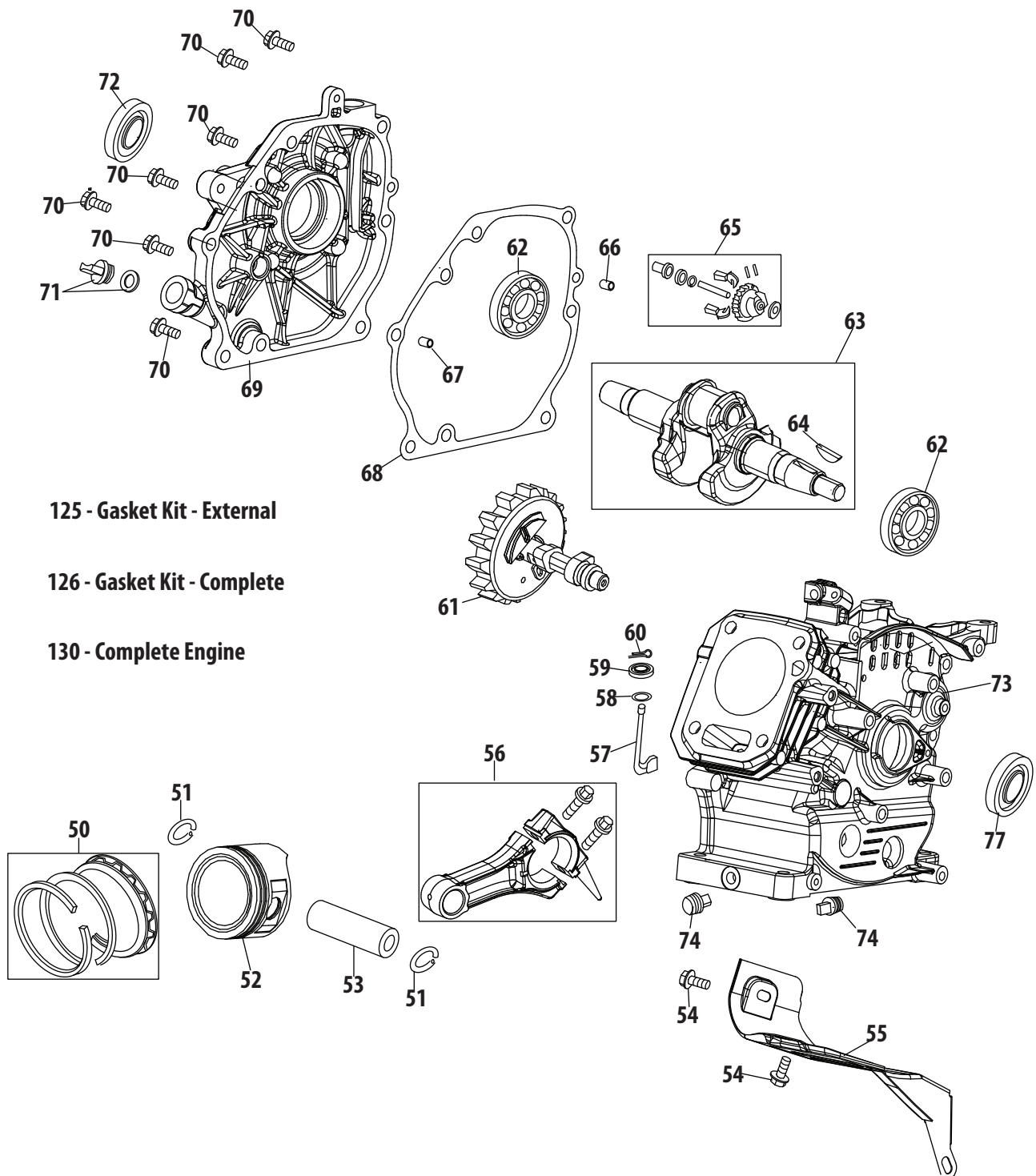


127 - Carburetor Kit - Major

Ref.	Part Number	Description
26	710-05101	Stud M6×110
27	951-11567	Carburetor Insulator Gasket
28	951-11568	Carburetor Insulator
29	951-11569A	Carburetor Gasket
30	951-12124	Carburetor Assembly
31	951-11571	Carburetor Gasket Plate
127	951-12119A	Carburetor Kit - Major
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	736-04638	Lock Washer
h	n/a	Idle Jet Assembly
i	n/a	Gasket, Throttle Plate

Ref.	Part Number	Description
j	n/a	Idle Speed Adjusting Screw
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

170-TU Crankshaft & Crankcase

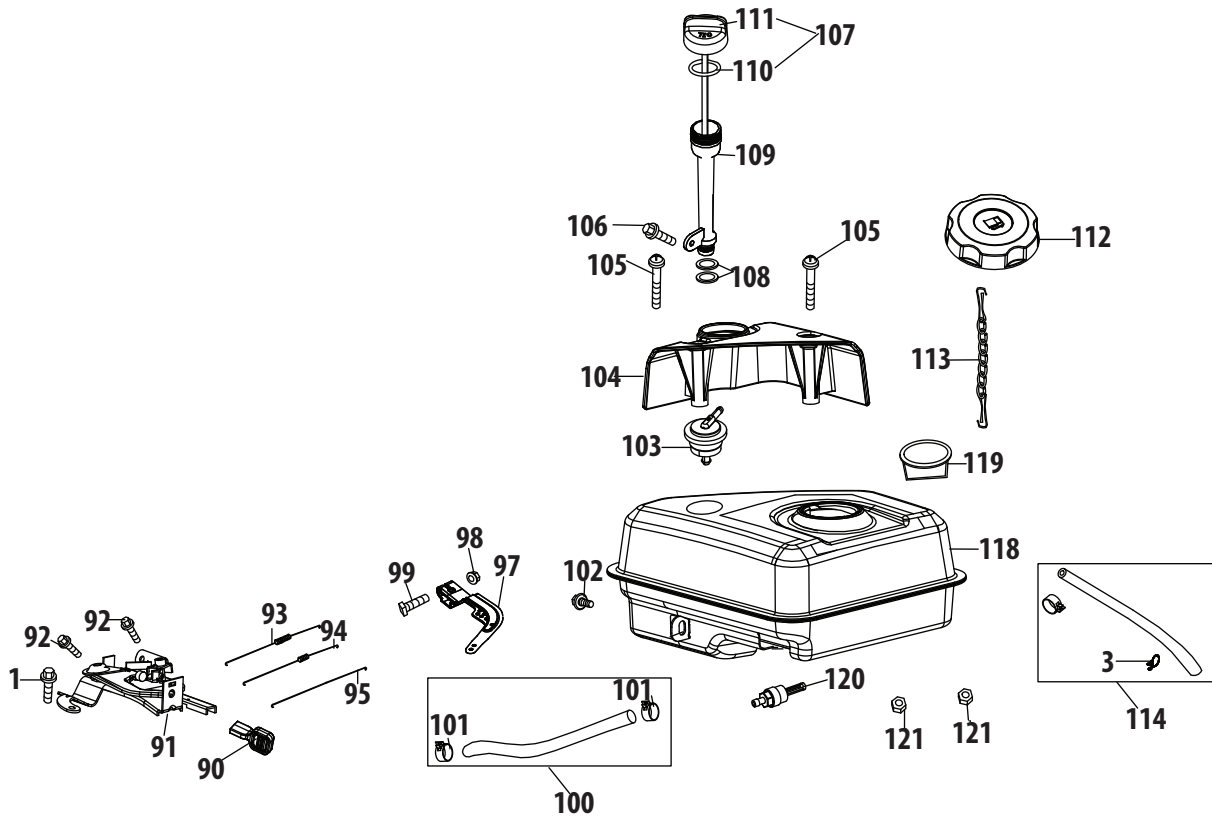


170-TU Crankshaft & Crankcase

Ref.	Part Number	Description
50	951-12111	Piston Ring Set
51	951-11632	Piston Pin Snap Ring
52	951-12007	Piston
53	951-11633	Piston Pin
54	710-04915	Bolt M6×12
55	951-11113	Air Shield
56	951-11573	Connecting Rod Assembly
57	951-11356	Governor Arm Shaft
58	736-04461	Washer 5.2×1.9
59	951-11574	Governor Seal
60	714-04074	Cotter Pin
61	951-11575	Camshaft Assy.
62	951-11369	Radial Ball Bearing, 6205
63	951-12160	Crankshaft Assembly
64	951-10307	Woodruff Key
65	951-11576	Governor Gear/Shaft Assembly
66	715-04092	Dowel Pin 7×14

Ref.	Part Number	Description
67	715-04089	Dowel Pin 9×14
68	951-11371	Crankcase Cover Gasket
69	951-12125	Cover Comp, Left Crankcase
70	710-04932	Bolt M8×32
71	951-11283	Oil Plug
72	951-11578	Oil Seal, 25×41.25×6
73	951-12551	Short Block (Incl.6,22,27,28,44,46,47, 50-53,56-70,72-75)
74	951-12514	Oil Drain Plug
77	951-12126	Oil Seal 25×41.25×6
125	951-12573	Gasket Kit - External (Incl.6,22,27-29,31)
126	951-12572	Gasket Kit - Complete (Incl.6,22,27-29,31,44, 58,59,68,72,75)
130	952Z170-TU	Complete Engine

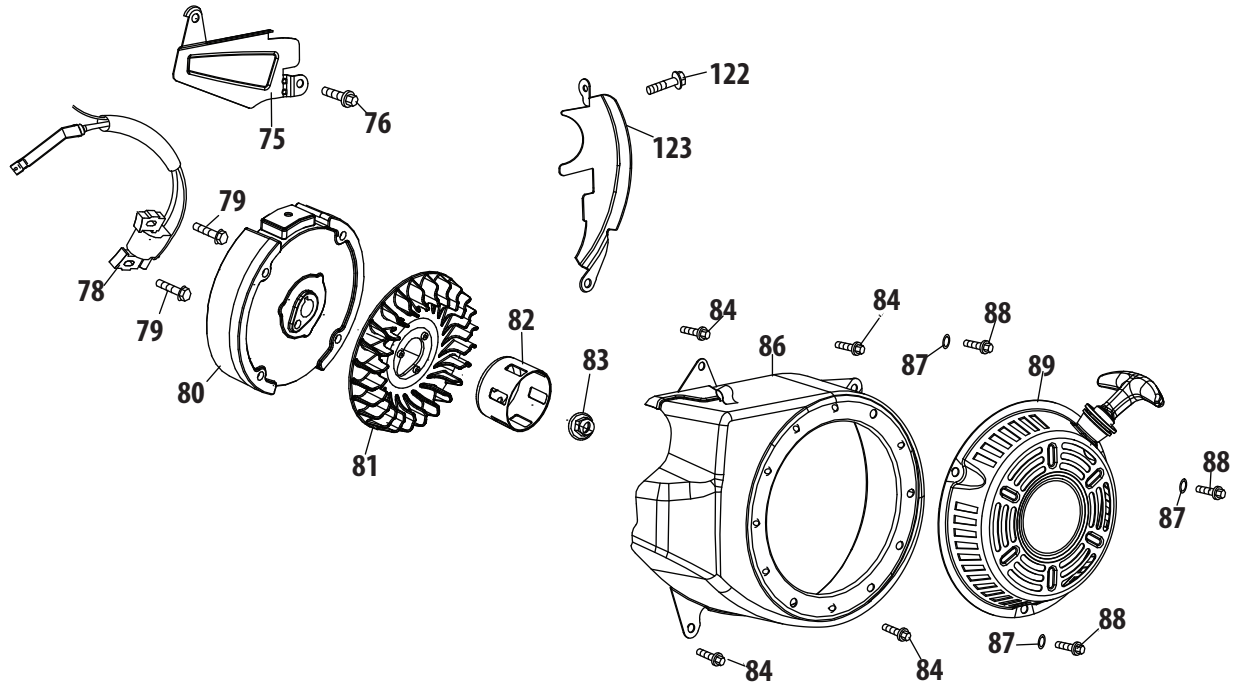
170-TU Fuel Tank & Mounting



Ref.	Part Number	Description
1	710-04968	Bolt M6×16
3	726-04101	Breather Hose Clamp
90	951-11067	Throttle Control Knob
91	951-12131	Primer Bracket
92	710-05103	Bolt M6×12
93	951-11585	Governor Spring
94	951-10664	Throttle Linkage Spring
95	951-10665	Throttle Linkage
97	951-11106	Governor Arm
98	712-04212	Nut M6
99	710-04908	Governor Arm Bolt
100	951-10650	Fuel Line Kit
101	951-11700	Fuel Hose Clamp
102	710-04915	Bolt M6×12
103	951-14075	Rollover Valve

Ref.	Part Number	Description
104	951-11914	Dipstick Decoration Cover
105	710-04905	Bolt
106	710-04915	Bolt M6×12
107	951-12482	Dipstick Assembly
108	951-11381	O-Ring
109	951-11913	Oil Fill Tube Assembly
110	951-11904	O-Ring
111	951-11912	Dipstick Gauge
112	951-12535	Cap Comp,Fuel
113	951-14076	Tether
114	751-14139	Primer Hose
118	951-14077	Fuel Tank Assembly
119	951-11933	Fuel Level Indicator
120	951-10651	Fuel Tank Nipple
121	712-04212	Nut, M6

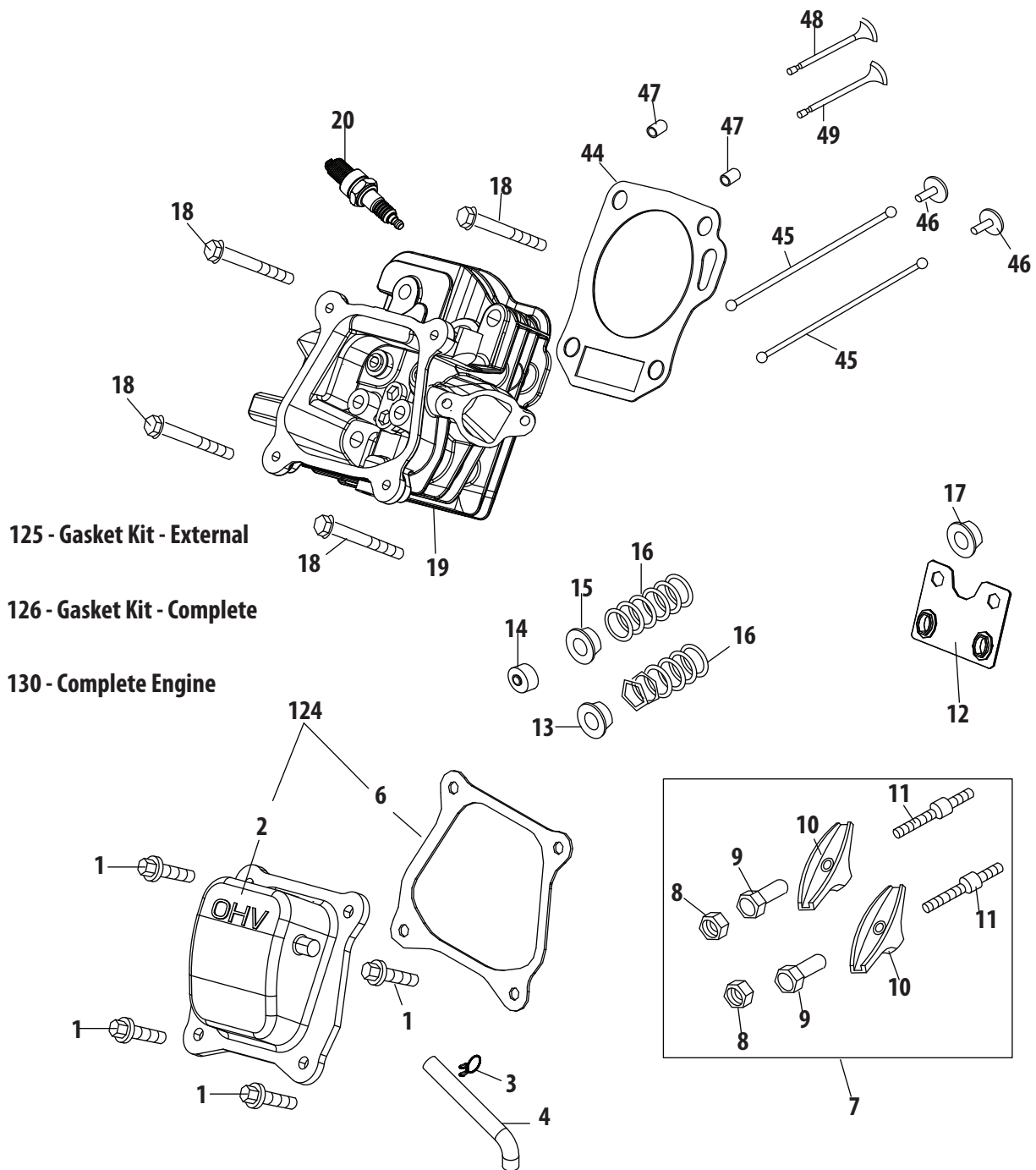
170-TU Flywheel & Blower Housing



Ref.	Part Number	Description
75	951-11110	Air Flow Shield
76	710-04940	Bolt M6×10
78	951-10792	Ignition Coil Assembly
79	710-04919	Bolt M6×25
80	951-10805	Flywheel
81	951-10934	Fan, Cooling
82	951-10911	Pulley, Starter
83	712-04209	Nut, Special, M14×1.5

Ref.	Part Number	Description
84	710-04915	Bolt M6×12
86	951-11583	Blower Housing
87	736-04455	Washer
88	710-04974	Bolt M6×10
89	951-12418	Recoil Starter
122	710-04918	Bolt M6×20
123	951-11109	Blower Housing Shield

170-TU Cylinder Head

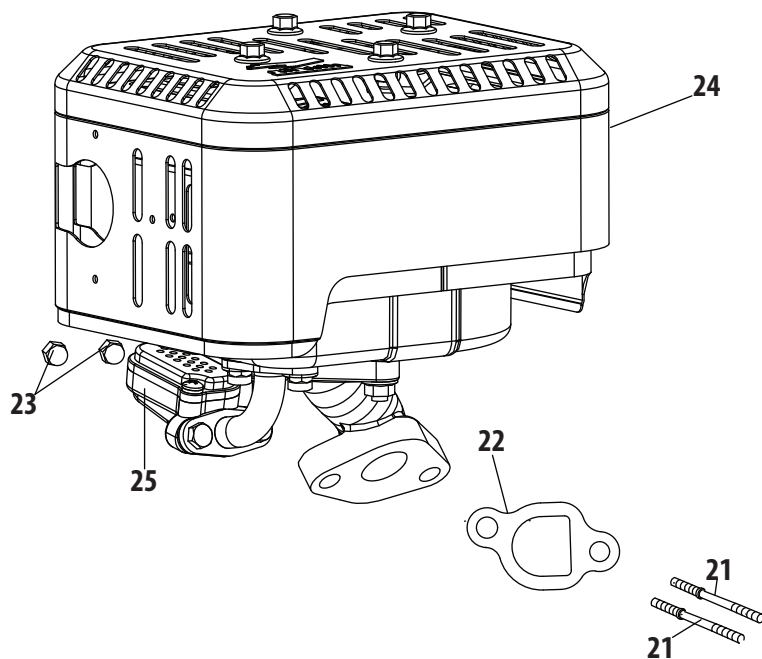


170-TU Cylinder Head

Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	726-04101	Breather Hose Clamp
4	731-07059	Exhaust Piping
6	951-11565	Valve Cover Gasket
7	951-11892	Rocker Arm Assembly
8	751-11124	Nut, Pivot Locking
9	751-11123	Adjusting Nut ,Valve
10	951-11893	Rocker Arm
11	710-04902	Bolt, Pivot
12	951-11895	Push Rod Guide
13	951-12000	Retainer, In.Valve Spring
14	951-12002	Adjuster, Exh Valve
15	951-12003	Retainer, Ex.Valve Spring
16	951-12004	Valve Spring
17	951-11894	Intake Valve Seal
18	710-04933	Bolt M8×55
19	951-10819	Cylinder Head Service Kit

Ref.	Part Number	Description
		Incl.4,15,16,38)
	951-10722A	Cylinder Head Assembly (Incl.6,8-17,19,22,28, 29,44,48,49)
20	951-10292	Spark Plug/F6Rtc
44	951-11572	Gasket, Cylinder Head
45	951-10648	Push Rod Kit
46	951-11899	Tappet
47	715-04108	Dowel Pin 10×16
48	951-10647A	Valve Kit
49	951-10647A	Valve Kit
124	951-11063A	Valve Cover Kit
125	951-12573	Gasket Kit - External (Incl.6,22,27-29,31)
126	951-12572	Gasket Kit - Complete (Incl.6,22,27-29,31,44, 58,59,68,72,75)
130	952Z170-TU	Complete Engine

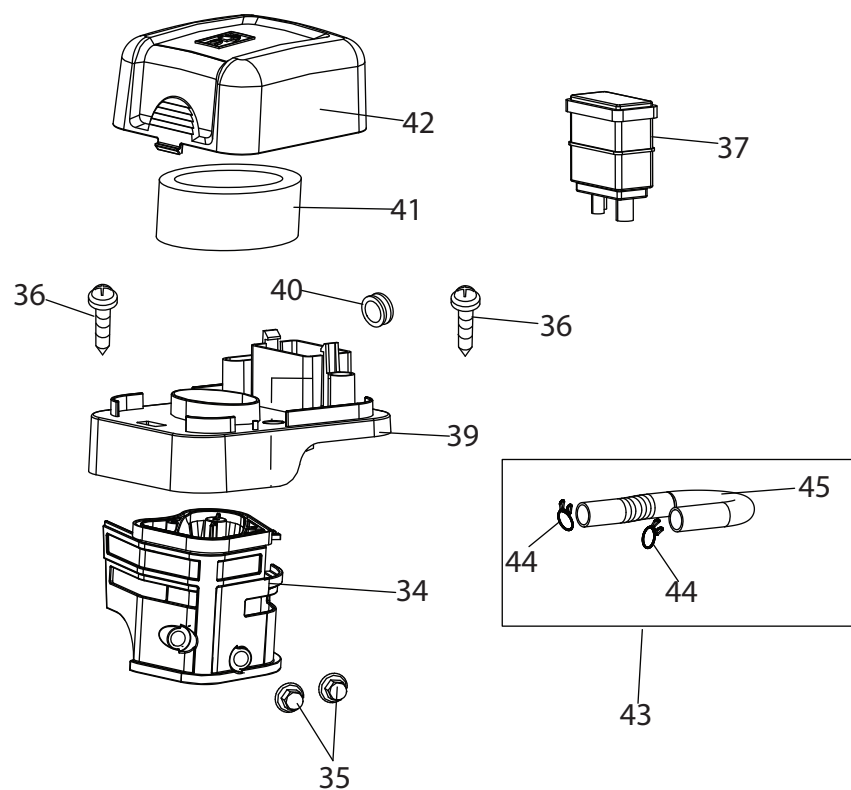
170-TU Muffler



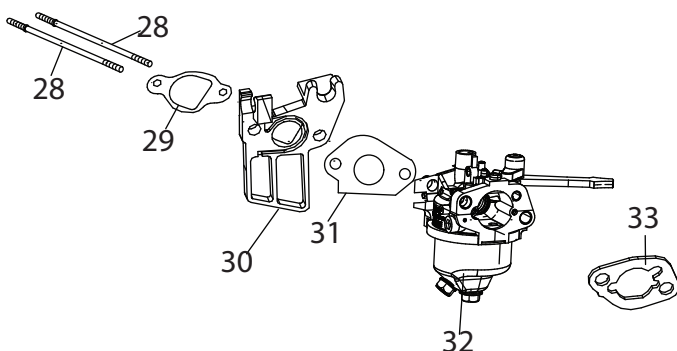
Ref.	Part Number	Description
21	951-14063	Stud M8×38
22	951-11289	Exhaust Pipe Gasket
23	712-04214	Nut, M8
24	951-14067	Muffler Assembly
25	951-12865	Secondary Air Valve

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170-VU Air Cleaner

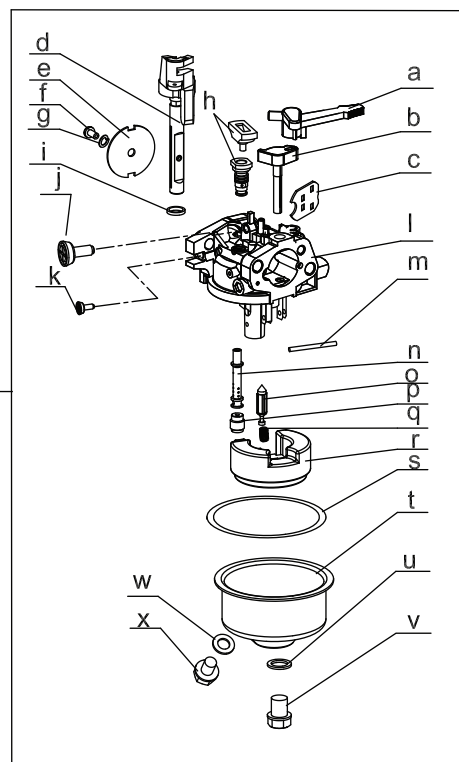


Ref.	Part Number	Description
34	951-10806	Air Cleaner Housing
35	712-04213	Nut
36	951-14068	Self-Tapping Bolt M4.2×16
37	951-14069	Carbon Canister
39	951-14070	Silencer Plate
40	750-05314	Rubber Shock Pad
41	951-10794	Air Filter Assembly
42	951-14071	Air Filter Cover
43	951-14072	Primer Hose
44	951-14073	Clamp
45	951-14074	Exhaust Piping



127 - Carburetor Kit - Major

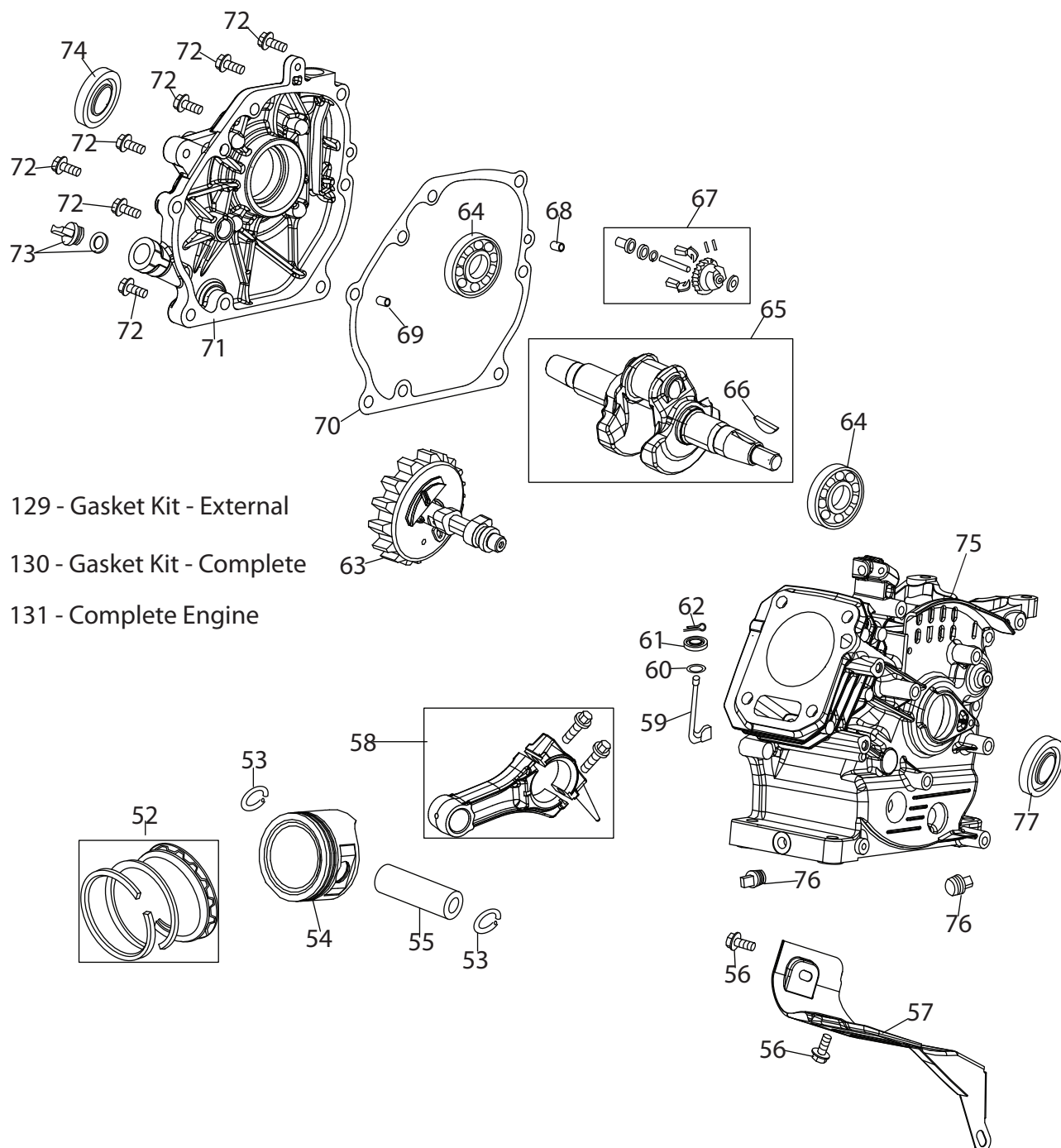
32



Ref.	Part Number	Description
28	710-05101	Stud M6×110
29	951-11567	Carburetor Insulator Gasket
30	951-11568	Carburetor Insulator
31	951-11569A	Carburetor Gasket
32	951-12124	Carburetor Assembly
33	951-11571	Carburetor Gasket Plate
127	951-12119A	Carburetor Kit - Major (Incl. h, i, j, m, n, o, p, q, r, s, u, w)
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	736-04638	Lock Washer
h	n/a	Idle Jet Assembly

Ref.	Part Number	Description
i	n/a	Gasket, Throttle Plate
j	n/a	Idle Speed Adjusting Screw
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

170-VU Crankshaft & Crankcase



129 - Gasket Kit - External

130 - Gasket Kit - Complete

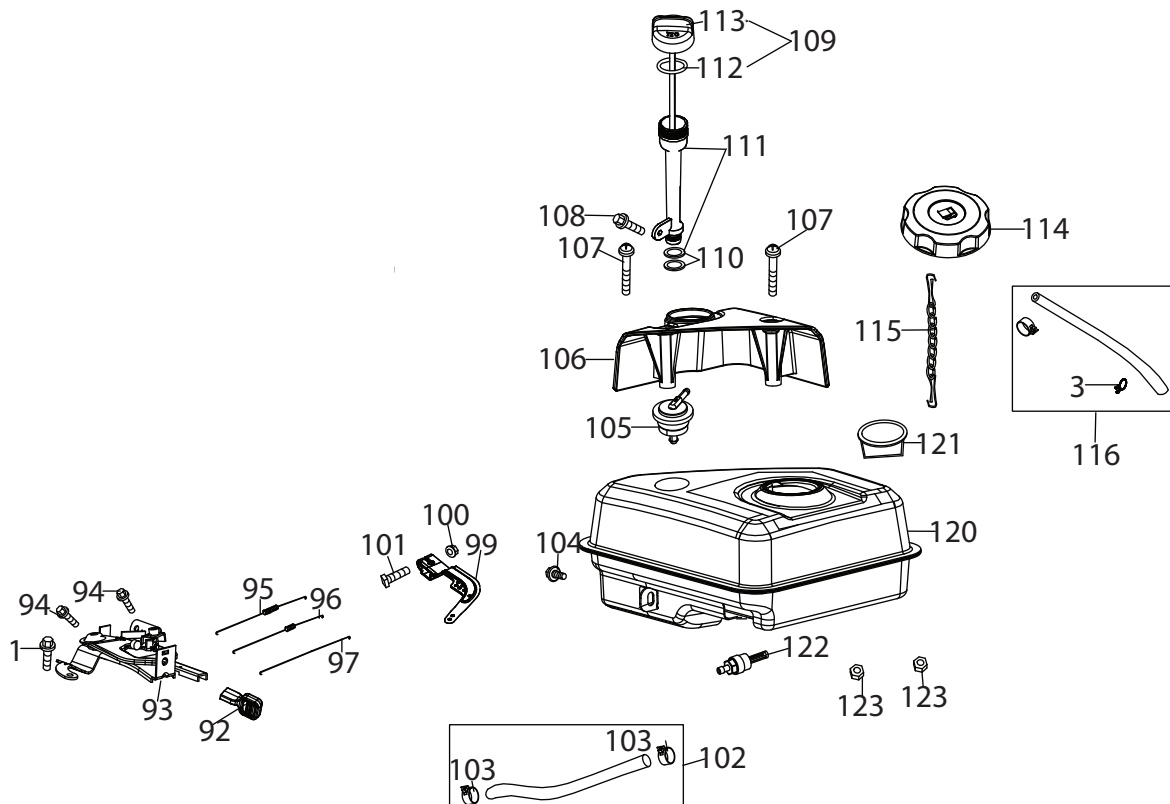
131 - Complete Engine

170-VU Crankshaft & Crankcase

Ref.	Part Number	Description
52	951-12111	Piston Ring Set
53	951-11632	Piston Pin Snap Ring
54	951-12007	Piston
55	951-11633	Piston Pin
56	710-04915	Bolt M6×12
57	951-11113	Air Shield
58	951-11573	Connecting Rod Assembly
59	951-11356	Governor Arm Shaft
60	736-04461	Washer 5.2×1.9
61	951-11574	Governor Seal
62	714-04074	Cotter Pin
63	951-11575	Camshaft Assy.
64	951-11369	Radial Ball Bearing, 6205
65	951-12160	Crankshaft Assembly
66	951-10307	Woodruff Key
67	951-11576	Governor Gear/Shaft Assembly
68	715-04092	Dowel Pin 7×14

Ref.	Part Number	Description
69	715-04089	Dowel Pin 9×14
70	951-11371	Crankcase Cover Gasket
71	951-12125	Cover Comp, Left Crankcase
72	710-04932	Bolt M8×32
73	951-11283	Oil Plug
74	951-11578	Oil Seal, 25×41.25×6
75	951-12551	Short Block (Incl.6,22,29,30,46,48,49, 52,53,55,58-72,74-77)
76	951-12514	Oil Drain Plug
77	951-12126	Oil Seal 25×41.25×6
129	951-12573	Gasket Kit - External (Incl.6,22,29-31,33)
130	951-12572	Gasket Kit - Complete (Incl.6,22,29-31,33,46, 60,61,70,74,77)
131	952Z170-VU	Complete Engine

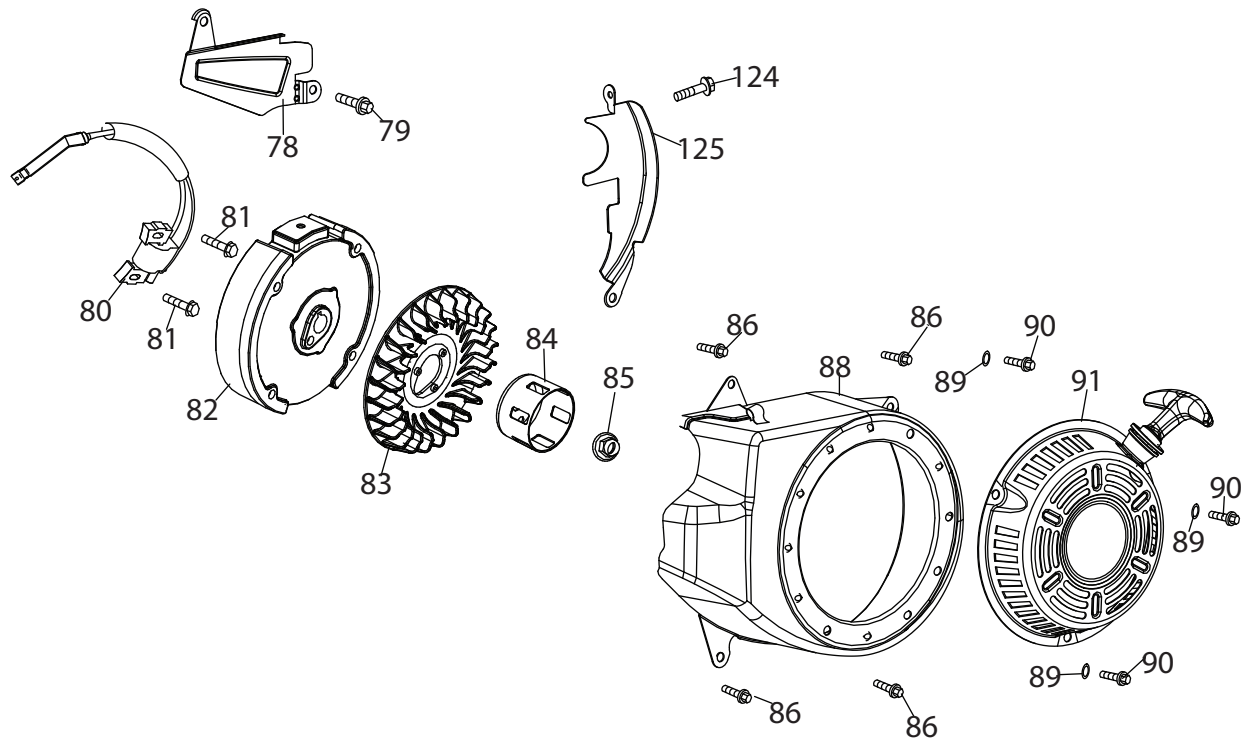
170-VU Fuel Tank & Mounting



Ref.	Part Number	Description
1	710-04968	Bolt M6x16
3	726-04101	Breather Hose Clamp
92	951-11067	Throttle Control Knob
93	951-12131	Primer Bracket
94	710-05103	Bolt M6x12
95	951-11585	Governor Spring
96	951-10664	Throttle Linkage Spring
97	951-10665	Throttle Linkage
99	951-11106	Governor Arm
100	712-04212	Nut M6
101	710-04908	Governor Arm Bolt
102	951-10650	Fuel Line Kit
103	951-11700	Fuel Hose Clamp
104	710-04915	Bolt M6x12
105	951-14075	Rollover Valve

Ref.	Part Number	Description
106	951-11914	Dipstick Decoration Cover
107	710-04905	Bolt
108	710-04915	Bolt M6x12
109	951-12482	Dipstick Assembly
110	951-11381	Oil Fill Tube O-Ring
111	951-11913	Oil Fill Tube Assembly
112	951-11904	Oil Fill Tube O-Ring
113	951-11912	Dipstick Gauge
114	951-12535	Cap Comp, Fuel
115	951-14076	Tether
116	751-14139	Primer Line Kit
120	951-14077	Fuel Tank Assembly
121	951-11933	Fuel Level Indicator
122	951-10651	Fuel Tank Nipple
123	712-04212	Nut, M6

170-VU Flywheel & Blower Housing



Ref.	Part Number	Description
78	951-11110	Air Flow Shield
79	710-04940	Bolt M6×10
80	951-10792	Ignition Coil Assembly
81	710-04919	Bolt M6×25
82	951-10805	Flywheel
83	951-10934	Fan, Cooling
84	951-10911	Pulley, Starter
85	712-04209	Nut, Special, M14×1.5

Ref.	Part Number	Description
86	710-04915	Bolt M6×12
88	951-11583	Blower Housing
89	736-04455	Washer
90	710-04974	Bolt M6×10
91	951-12418	Recoil Starter
124	710-04918	Bolt M6×20
125	951-11109	Blower Housing Shield

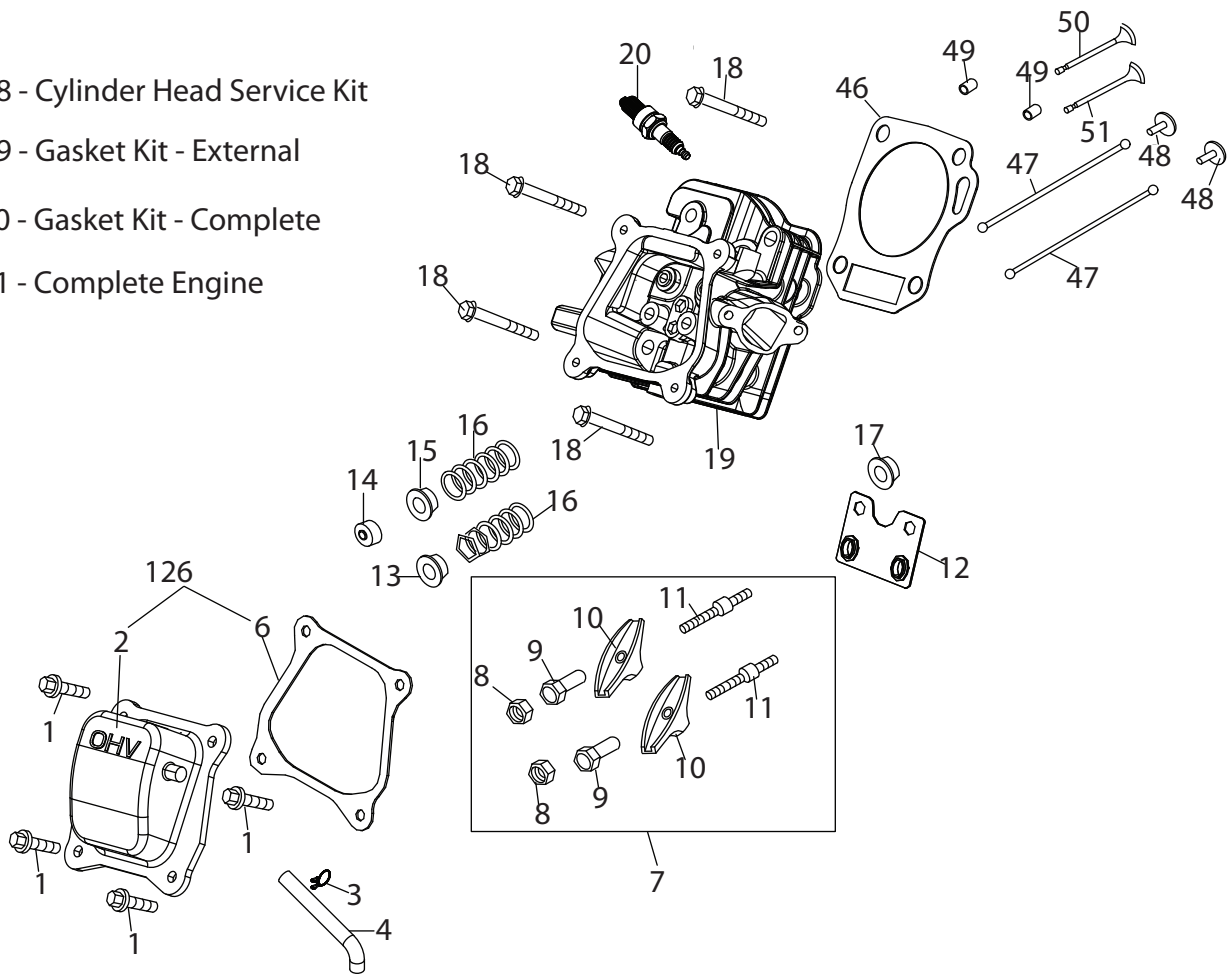
170-VU Cylinder Head

128 - Cylinder Head Service Kit

129 - Gasket Kit - External

130 - Gasket Kit - Complete

131 - Complete Engine

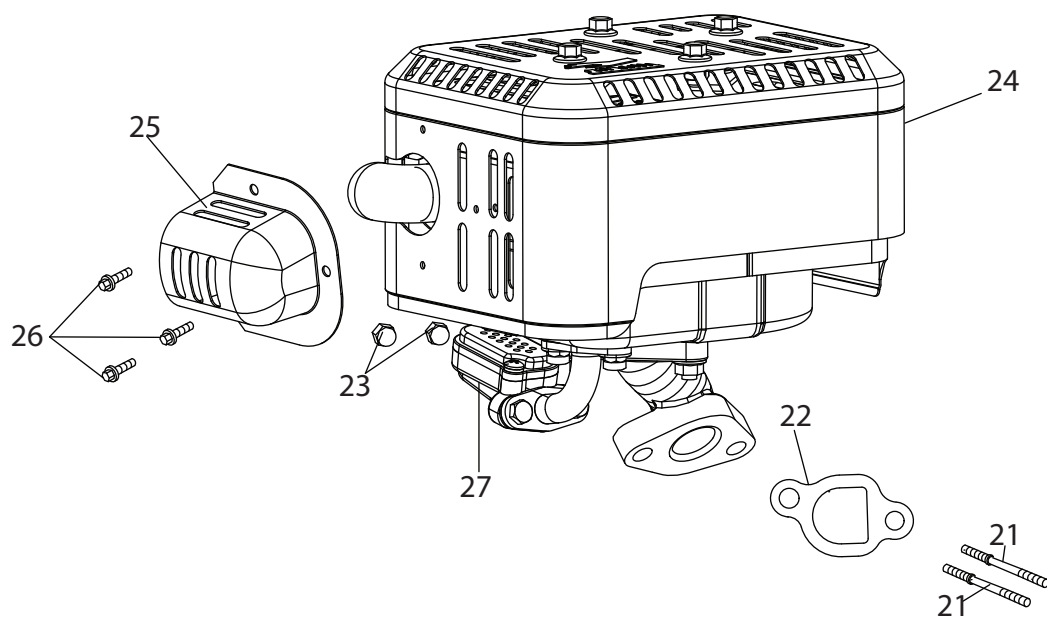


170-VU Cylinder Head

Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
3	726-04101	Breather Hose Clamp
4	731-07059	Exhaust Piping
6	951-11565	Valve Cover Gasket
7	951-11892	Rocker Arm Assembly
8	751-11124	Nut, Pivot Locking
9	751-11123	Adjusting Nut ,Valve
10	951-11893	Rocker Arm
11	710-04902	Bolt, Pivot
12	951-11895	Push Rod Guide
13	951-12000	Retainer, In.Valve Spring
14	951-12002	Adjuster, Exh Valve
15	951-12003	Retainer, Ex.Valve Spring
16	951-12004	Valve Spring
17	951-11894	Intake Valve Seal
18	710-04933	Bolt M8×55
19	951-10722A	Cylinder Head Assembly

Ref.	Part Number	Description
		(Incl.6,8-17,19,22,29, 30,46,50,51)
20	951-10292	Spark Plug/F6Rtc
46	951-11572	Gasket, Cylinder Head
47	951-10648	Push Rod Kit
48	951-11899	Tappet
49	715-04108	Dowel Pin 10×16
50	951-10647A	Valve Kit
51	951-10647A	Valve Kit
126	951-11063A	Valve Cover Kit
128	951-10819	Cylinder Head Service Kit (Incl.6,17,18,46)
129	951-12573	Gasket Kit - External (Incl.6,22,29-31,33)
130	951-12572	Gasket Kit - Complete (Incl.6,22,29-31,33,46, 60,61,70,74,77)
131	952Z170-VU	Complete Engine

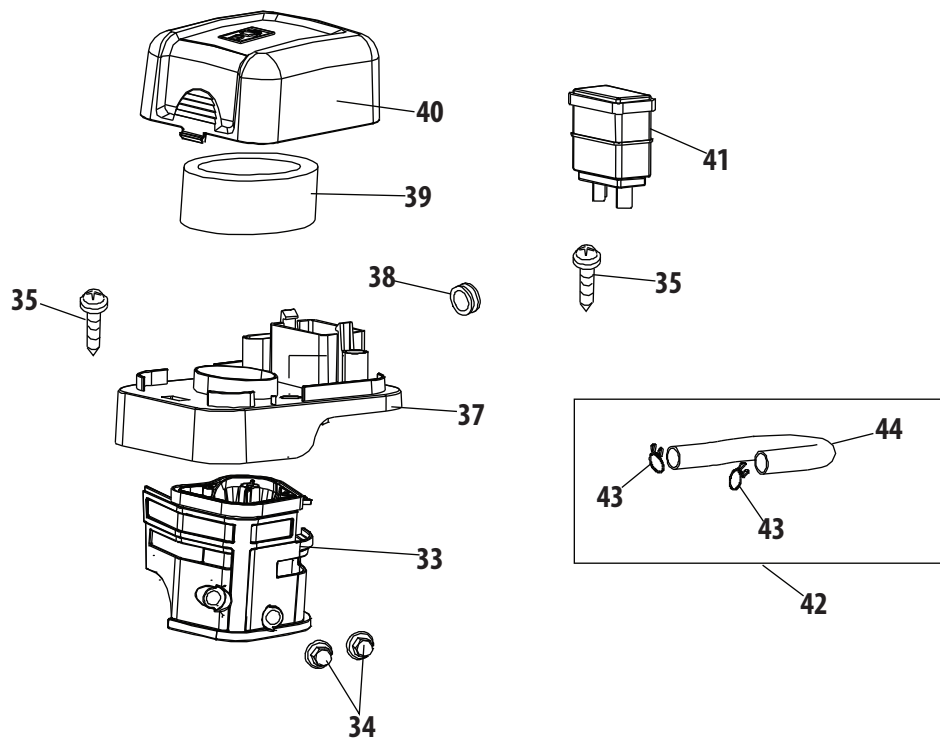
170-VU Muffler



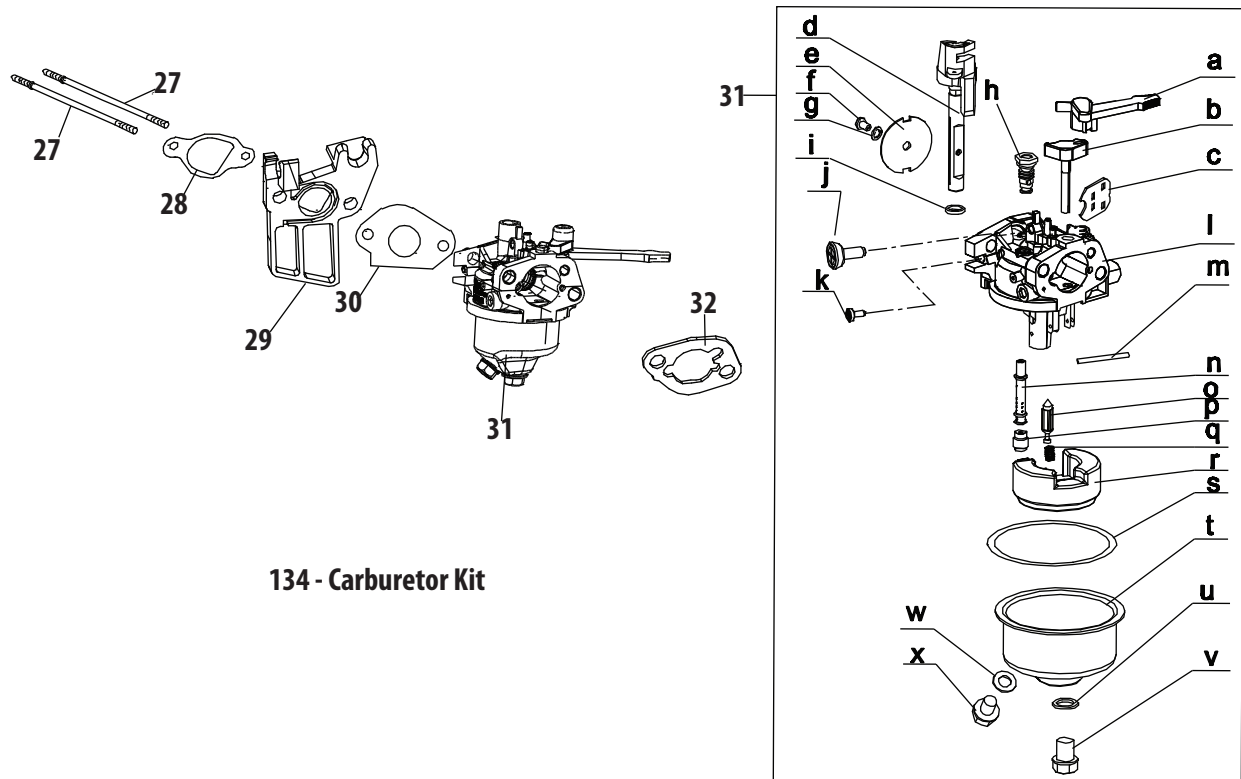
Ref.	Part Number	Description
21	951-14063	Stud M8×38
22	951-11289	Exhaust Pipe Gasket
23	712-04214	Nut, M8
24	951-14067	Muffler Assembly
25	951-14078	Exhaust Pipe Shield
26	951-14079	Duct Bolt
27	951-12865	Secondary Air Valve

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270-VU Air Cleaner



Ref.	Part Number	Description
33	951-10806	Air Cleaner Housing
34	712-04213	Nut
35	951-14068	Self-Tapping Bolt M4.2×16
37	951-14070	Silencer Plate
38	750-05314	Rubber Shock Pad
39	951-10794	Air Filter
40	951-14071	Air Filter Cover
41	951-14069	Carbon Canister
42	951-14072	Primer Hose
43	951-14073	Clamp
44	951-14074	Breather Hose

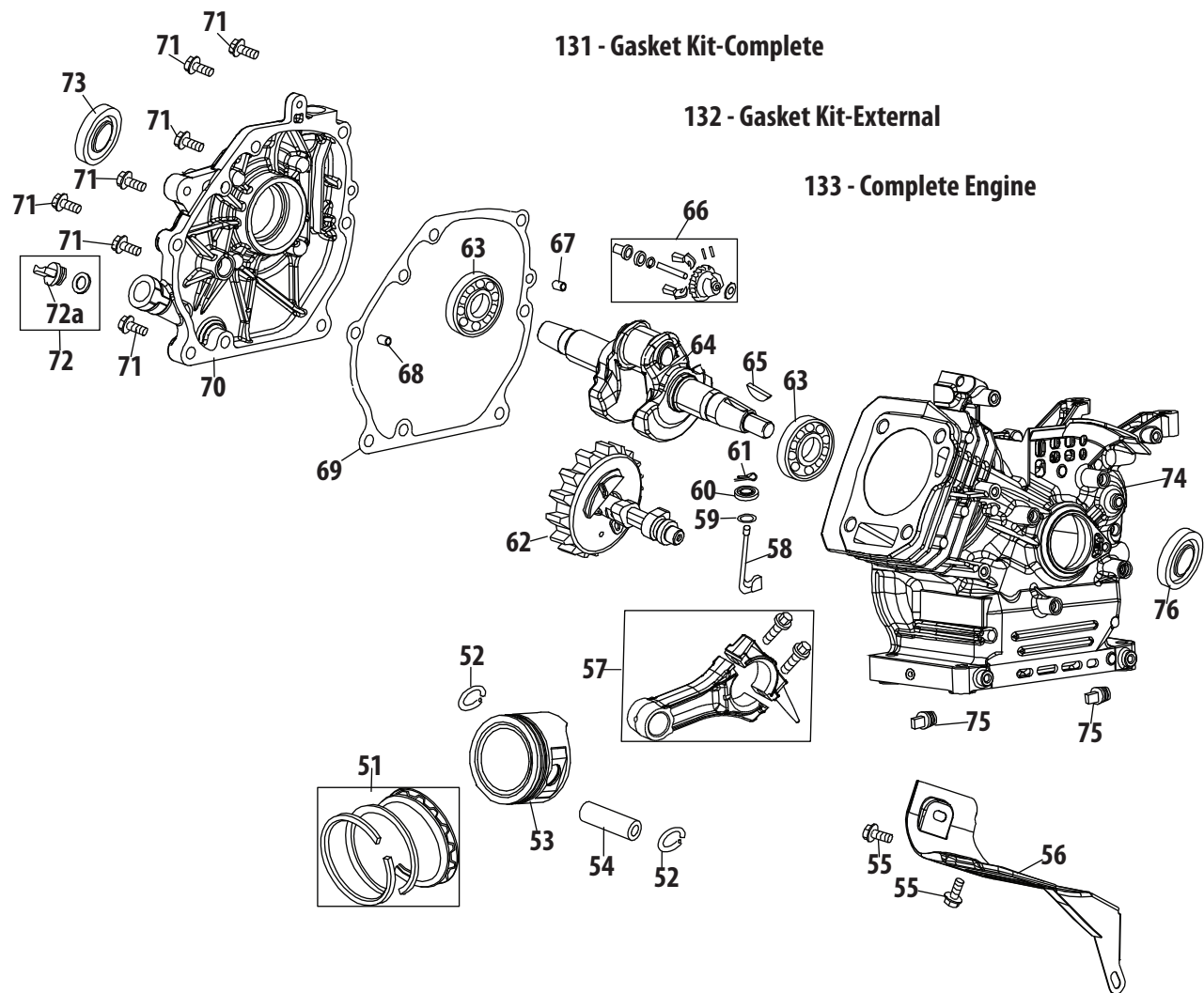


134 - Carburetor Kit

Ref.	Part Number	Description
27	710-05101	Stud M6×110
28	951-11567	Carburetor Insulator Gasket
29	951-11568	Carburetor Insulator
30	951-11569A	Carburetor Gasket
31	951-12785	Carburetor Assembly
32	951-11571	Carburetor Gasket Plate
134	951-12784	Carburetor Rebuild Kit (Incl.j,n,o,p,q,r,t,s,u,w)
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	710-05469	Screw M3×6
g	736-04638	Lock Washer
h	n/a	Idle Jet Assembly

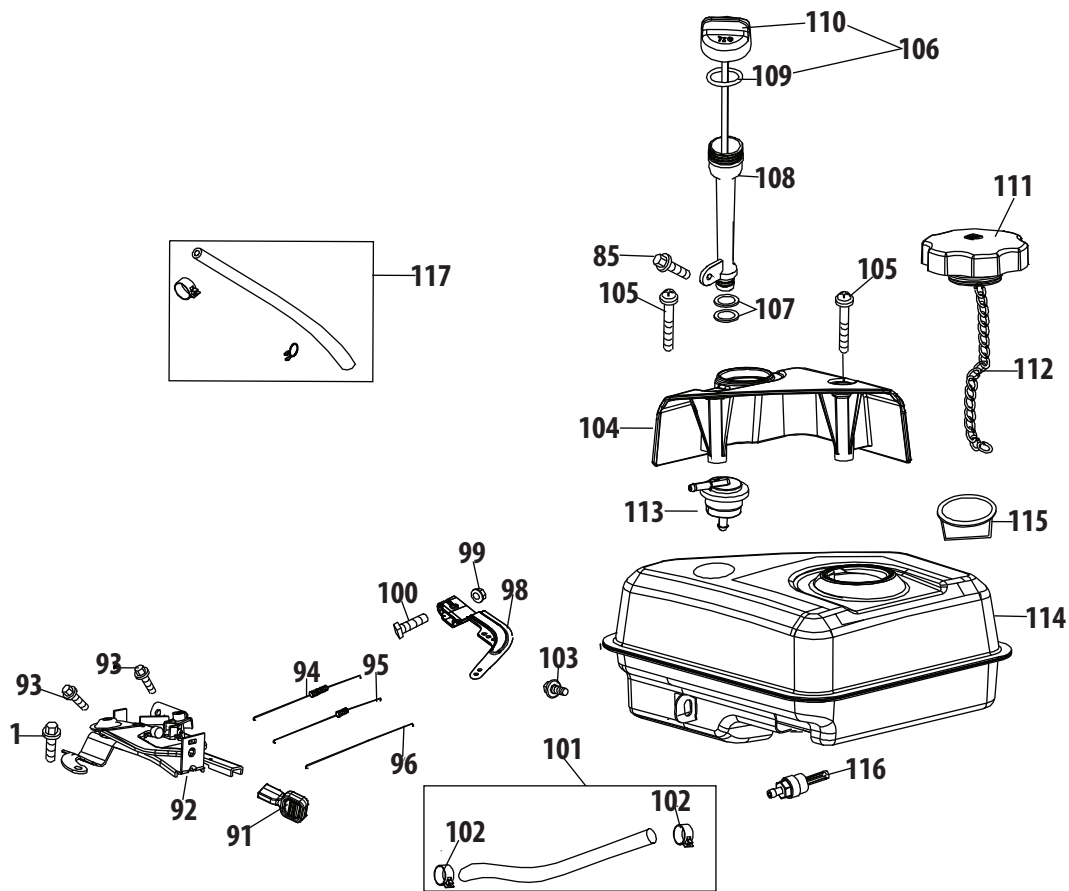
Ref.	Part Number	Description
i	n/a	Gasket, Throttle Plate
j	n/a	Idle Speed Adjusting Screw
l	n/a	Carburetor Body
m	n/a	Float Pin
n	n/a	Emulsion Tube
o	n/a	Needle Valve
p	n/a	Main Jet
q	n/a	Needle Valve Spring
r	n/a	Float
s	951-11589	Fuel Bowl Gasket
t	n/a	Fuel Bowl
u	951-11348	Fuel Bowl Gasket
v	710-04945	Fuel Bowl Mounting Bolt
w	951-11349	Fuel Drain Plug Gasket
x	710-04938	Fuel Drain Plug

270-VU Crankcase



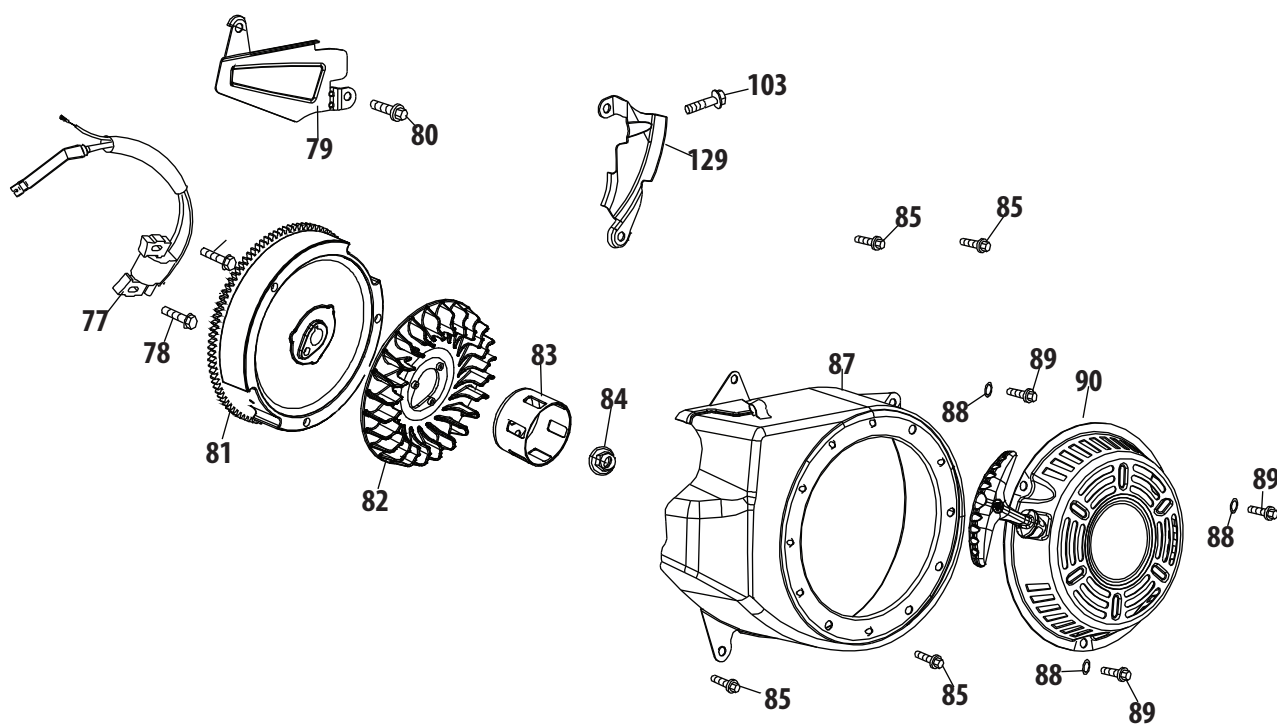
Ref.	Part Number	Description	Ref.	Part Number	Description
51	951-12111	Piston Ring Set	69	951-11371	Crankcase Cover Gasket
52	951-11632	Piston Pin Snap Ring	70	951-12125	Crankcase Cover
53	951-12007	Piston		951-14142	Crankcase Cover Kit (Incl.63,69-73)
54	951-11633	Piston Pin	71	710-04932	Bolt M8×32
55	710-04915	Bolt M6×12	72	951-11283	Oil Fill Plug Assembly
56	951-11113	Air Shield	72a	951-11577	O-Ring
57	951-11573	Connecting Rod Assembly	73	951-11578	Oil Seal,25×41.25×6
58	951-14053	Governor Arm Shaft	74	951-14144	Crankcase Service Kit (Incl.60,63,73-76)
59	736-04461	Washer 5.2×1.9		951-12551	Short Block Assemb (Incl.4,20,28-30,45,47,48,51-54,57-76)
60	951-11902	Governor Seal	75	951-12514	Oil Drain Plug
61	714-04078	Cotter Pin	76	951-12126	Oil Seal 25 X 41.25 X 6
62	951-11575	Camshaft Assembly	131	951-12572	Gasket Kit-Complete (Incl.4,20,28-30,32,45,59, 60,69,73,76)
63	951-11369	Radial Ball Bearing,6205	132	951-12026A	Gasket Kit-External (Incl.4,20,28-30,32)
64	951-12160	Crankshaft Assembly	133	952Z270-VU	Complete Engine
	951-14143	Crankshaft Service Kit (Incl.63-65,73,76)			
65	951-10307	Woodruff Key			
66	951-11576	Governor Gear/Shaft Assembly			
67	715-04092	Dowel Pin 7×14			
68	715-04096	Dowel Pin 9×14			

270-VU Fuel Tank & Mounting



Ref.	Part Number	Description
1	710-04968	Bolt M6×16
91	951-11067	Throttle Control Knob
92	951-12131	Primer Bracket
93	710-05103	Bolt M6×12
94	951-11585	Governor Spring
95	951-10664	Throttle Linkage Spring
96	951-10665	Throttle Linkage
98	951-11106	Governor Arm
99	712-04212	Nut M6
100	710-04908	Governor Arm Bolt
101	951-10650	Fuel Line Kit
102	951-11700	Fuel Hose Clamp
103	710-04915	Bolt M6×12
104	951-11914	Dipstick Decoration Cover

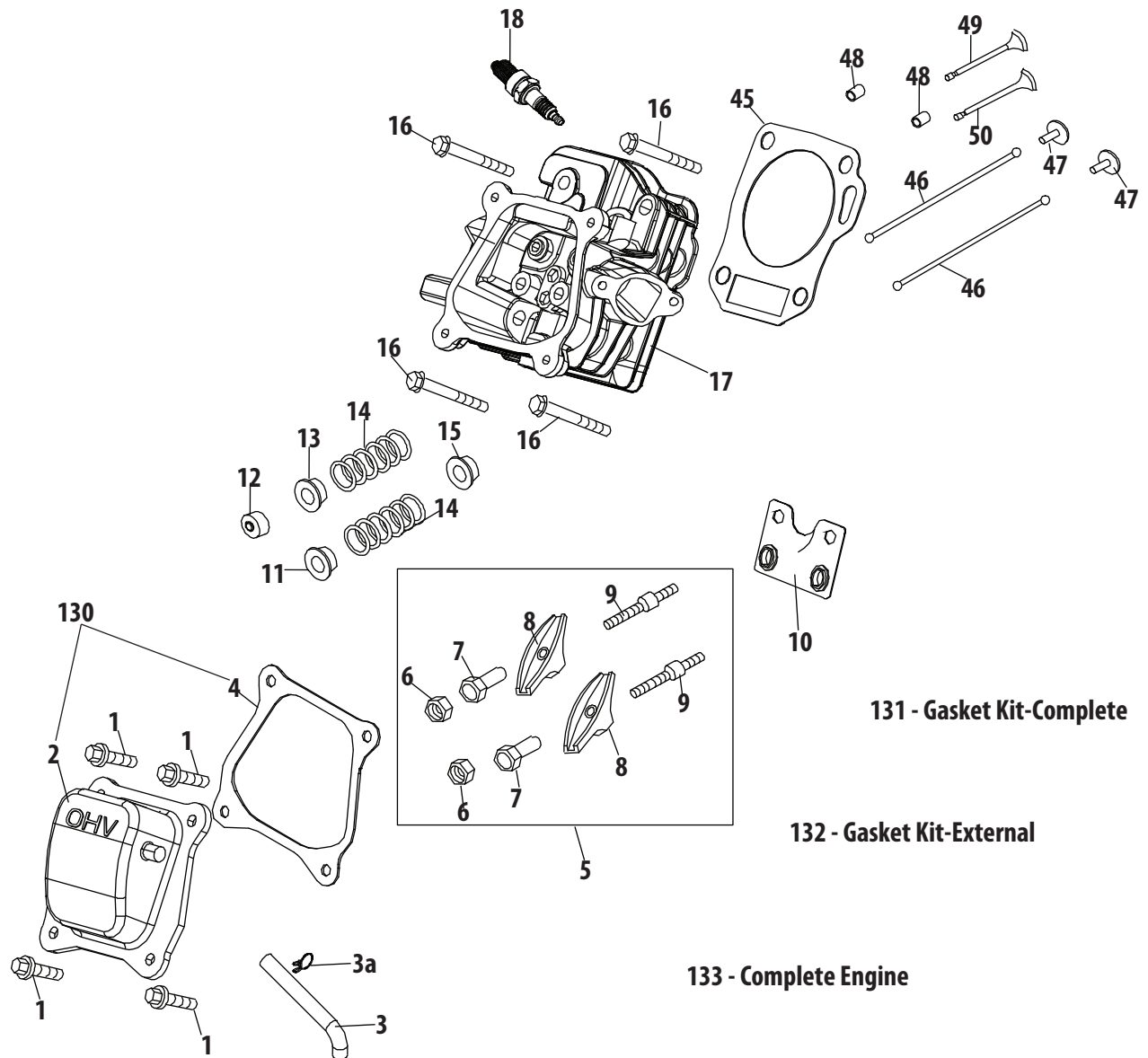
Ref.	Part Number	Description
105	710-04905	Bolt
106	951-11913	Oil Fill Tube Assembly
107	951-11381	Fill Tube O-Ring
108	951-10656	Dipstick Tube
109	951-11904	Dipstick O-Ring
110	951-12482	Dipstick Assy
111	951-12535	Cap Comp,Fuel Feller
112	951-14076	Fuel Cap Tether
113	951-14075	Roll Over Valve
114	951-10653B	Fuel Tank
115	951-11933	Fuel Level Indicator
116	951-10651	Fuel Tank Nipple
117	951-14133	Evap Hose Assembly



Ref.	Part Number	Description
77	951-10792	Ignition Coil Assembly
78	710-04919	Bolt M6×25
79	951-11110	Air Flow Shield
80	710-04940	Bolt M6×10
81	951-12416	Flywheel
82	951-10934	Cooling Fan
83	951-10911	Pulley, Starter
84	712-04209	Flywheel Nut, M14×1.5

Ref.	Part Number	Description
85	710-04915	Bolt M6×12
87	951-12417	Blower Housing
88	736-04455	Washer Φ6
89	710-04974	Bolt M6×10
90	951-12418	Recoil Starter Assembly
103	710-04915	Bolt M6×12
129	951-11109	Blower Housing Shield

270-VU Cylinder Head

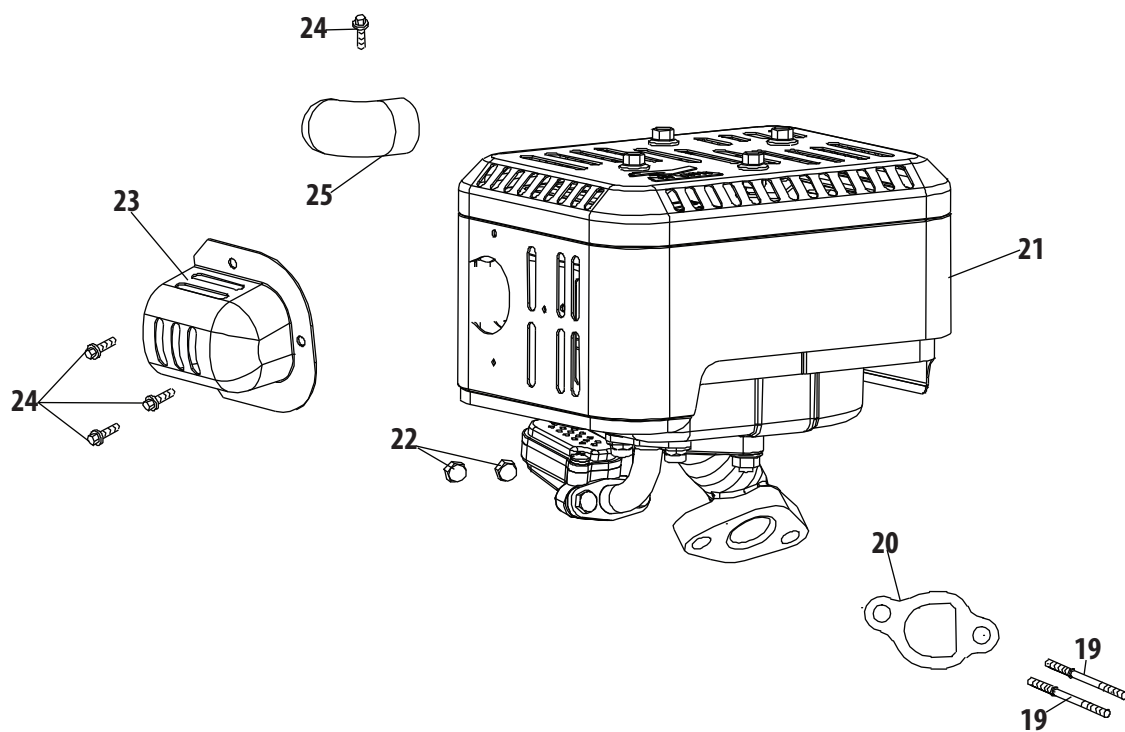


270-VU Cylinder Head

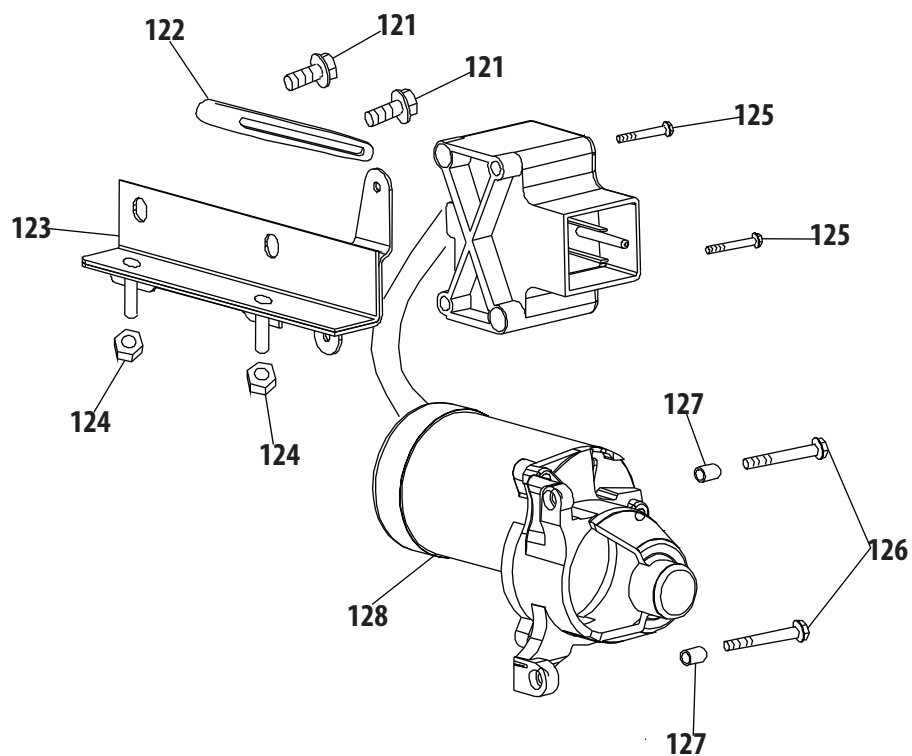
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054A	Valve Cover
3	731-07059	Breather Hose
3a	726-04101	Breather Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut,Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt,Pivot
10	951-11895	Push Rod Guide
11	951-12000	Valve Spring Retainer (Intake)
12	951-12002	Adjuster,Exh Valve
13	951-12003	Valve Spring Retainer (Exhaust)
14	951-12004	Valve Spring
15	951-11894	Valve Seal (Intake)
16	710-04933	Bolt M8×55

Ref.	Part Number	Description
17	951-10722B	Cylinder Head Asm (Incl.4-15,17,20,28-30,45,49,50)
18	951-10292	Spark Plug/F6Rtc
45	951-11572	Gasket,Cylinder Head
46	951-10648	Push Rod Kit
47	951-11899	Tappet
48	715-04108	Dowel Pin 10×16
49	951-10647A	Valve Kit
50	951-10647A	Valve Kit
130	951-12626	Valve Cover Kit
131	951-12572	Gasket Kit-Complete (Incl.4,20,28-30,32,45,59, 60,69,73,76)
132	951-12026A	Gasket Kit-External (Incl.4,20,28-30,32)
133	952Z270-VU	Complete Engine

270-VU Muffler



Ref.	Part Number	Description
19	951-14063	Stud M8×38
19	951-14141	Muffler Stud Kit
20	951-11289	Exhaust Pipe Gasket
21	951-14067	Muffler Assembly
22	712-04214	Nut, M8
23	951-14078	Exhaust Pipe Shield
24	951-14079	Duct Bolt
25	751-14182	Muffler Deflector



Ref.	Part Number	Description
121	710-04914	Bolt M6×10
122	951-11680	Flexible Clamp
123	951-11114	Switch Housing Mounting Bracket
124	712-05015	Nut,M6
125	710-04965	Bolt M4×55
126	710-05182	Bolt M6×32
127	715-04088	Dowel Pin 8×8
128	951-10645A	Electric Starter

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