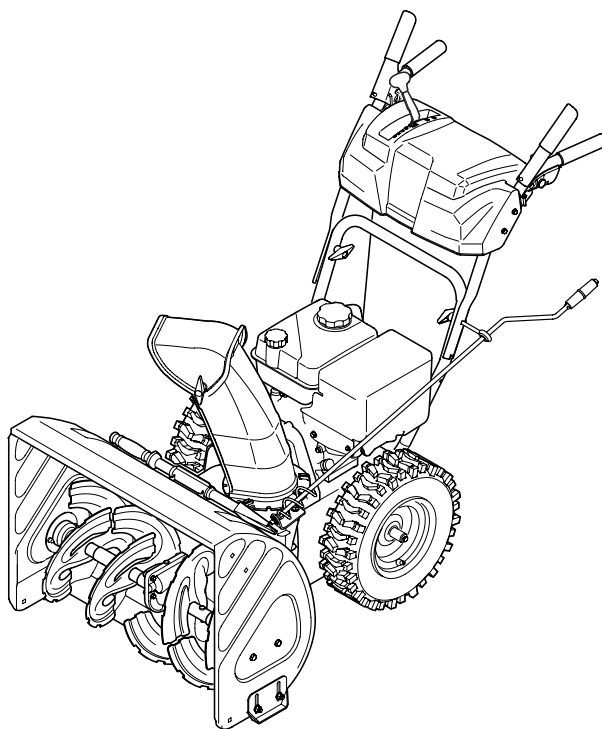

ILLUSTRATED PARTS MANUAL



600-Series Snow Throwers

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

To The Owner

Thank You

Thank you for purchasing an MTD Snow Thrower. 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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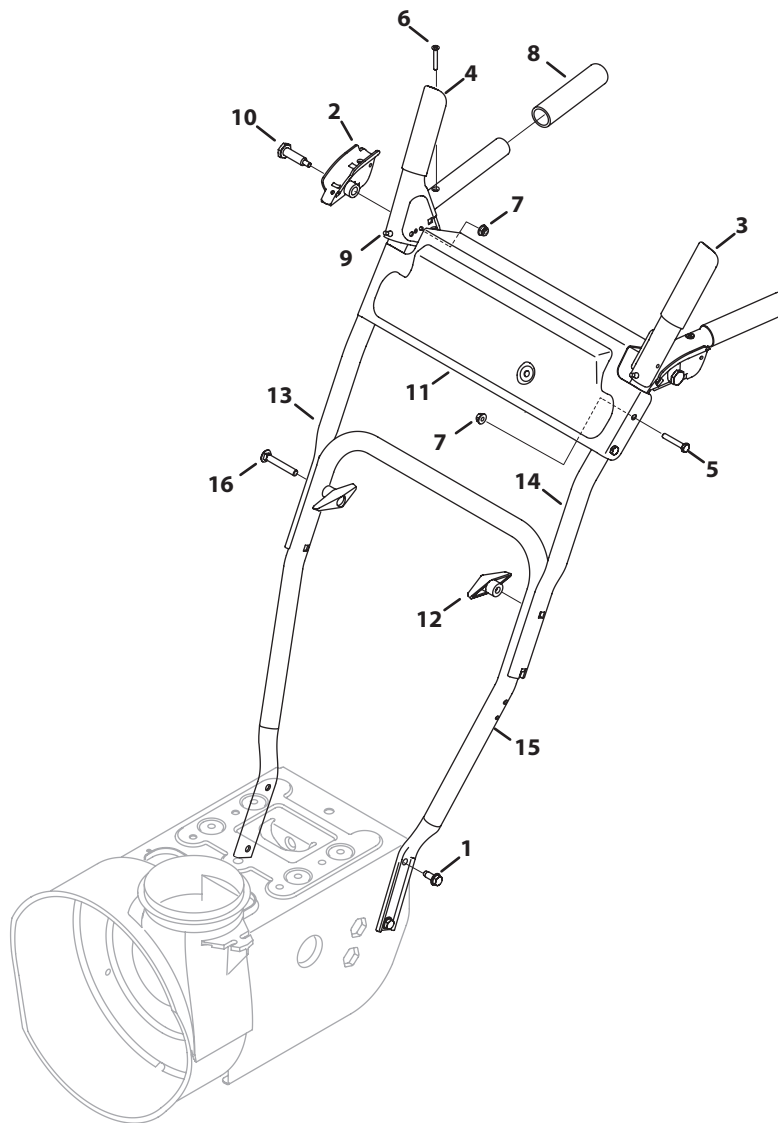
SERIAL NUMBER

--	--	--	--	--	--	--	--	--	--	--

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:

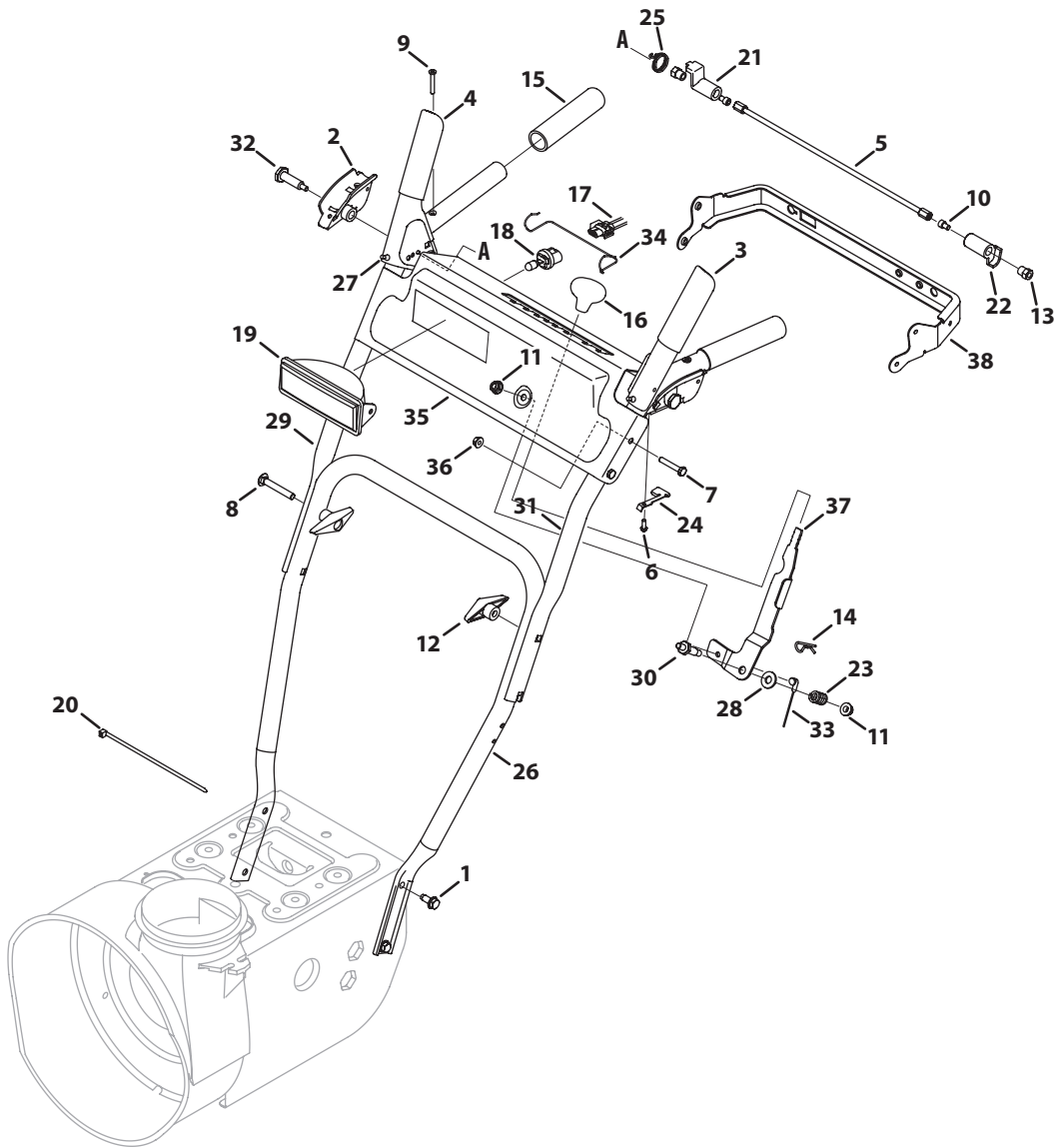
0637	Black	0650	Metallic Red (White Outdoor)
0709	Dark Green (Bolens, Yard-Man)	0629	Silver Flake (MTD Platinum)
0662	Oyster Gray (MTD Gold)	04038	Day Orange (Daedong)
0638	Red (Yard Machines, Huskee, Troy-Bilt, MTD)	04033	Flint Mica (Troy-Bilt XP)
0691	Black Jack (MTD Gold, MasterCut)	04041	Pure Orange (Remington)
0674	Yellow (Yard-Man)		



Ref.	Part Number	Description
1	710-04484	Taptite Screw, 5/16-18 x .750
2	631-04133A	Clutch Lock Handle Assembly, LH
—	631-04134B	Clutch Lock Handle Assembly, RH
3	684-04105B	Engagement Assembly, LH
4	684-04106C	Engagement Assembly, RH
5	710-0606	Hex Head Screw, 1/4-20 x 1.50
6	710-1233	Machine Screw, #10-24 x 1.375
7	712-04064	Flange Lock Nut, 1/4-20
8	720-0274	Grip, 1.0 ID x 5.0 LG

Ref.	Part Number	Description
9	935-0199A	Rubber Bumper, .62 OD x .22 Thick
10	738-04348	Shoulder Screw, .437 x 1.345 x 1/4-20
11	790-00100	Handle Panel
12	920-0284	Wing Knob
13	749-04190A	Upper RH Handle
14	749-04191A	Upper LH Handle
15	749-04138B	Lower Handle
16	710-0572	Carriage Screw, 5/16-18 x 2.25

E/F-Style Panel



Ref.	Part Number	Description
1	710-04484	Taptite Screw, 5/16-18 x .750
2	631-04133A	Clutch Lock Handle Assembly, LH
—	631-04134B	Clutch Lock Handle Assembly, RH
3	684-04105B	Engagement Assembly, LH
4	684-04106C	Engagement Assembly, RH
5	684-04250	Clutch Pivot Lock Rod Assembly
6	710-04326	Hex Washer Screw, #8-16 x .50
7	710-04586	Hex Washer Screw, 1/4-20 x .625
—	710-0606	Hex Head Screw, 1/4-20 x 1.50 +
8	710-0572	Carriage Screw, 5/16-18 x 2.25
9	710-1233	Machine Screw, #10-24 x 1.375
10	710-3069	Socket Screw, 1/4-20 x .50
11	712-04063	Flange Lock Nut, 5/16-18
12	920-0284	Wing Knob
—	720-05090	Wing Knob, ORG
13	712-04081A	Hex Nut, 1/4-20
14	914-0145	Click Pin, .092 x 1.64
15	720-0274	Grip, 1.0 ID x 5.0 LG
—	720-05091	Grip, 1.0 ID x 5.0 LG, ORG
16	720-04039	Shift Knob
—	720-05092	Shift Knob, ORG
17	725-05153	Snow Thrower Harness ^

Ref.	Part Number	Description
18	925-1658	Halogen Lamp ^
19	925-1672	Lens/Lamp Assembly Housing ^
20	926-0154	Cable Tie
21	731-04894D	Lock Plate
22	731-04896B	Clutch Lock Cam
23	732-0193	Compression Spring, .39 x .60 x .88
24	732-04219C	Clutch Lock Spring
25	732-04238	Torsion Spring, .8156 ID x .3038
26	749-04138B	Lower Handle
27	935-0199A	Rubber Bumper, .62 OD x .22 Thick
28	736-0262	Flat Washer, .385 x .870 x .092
29	749-04190A	Upper RH Handle
30	738-04118	Shoulder Bolt, 5/16-18 x .905
31	749-04191A	Upper LH Handle
32	738-04348	Shoulder Screw, .437 x 1.345 x 1/4-20
33	946-04397A	Speed Selector Cable
34	747-1136	Headlight Retainer ^
35	790-00209	Handle Panel w/ Light ^
—	790-00219	Handle Panel w/o Light
36	712-04064	Flange Lock Nut, 1/4-20 +
37	790-00313	Speed Shift Lever
38	790-00248C	Panel Bracket

+ Models without Clutch Lock

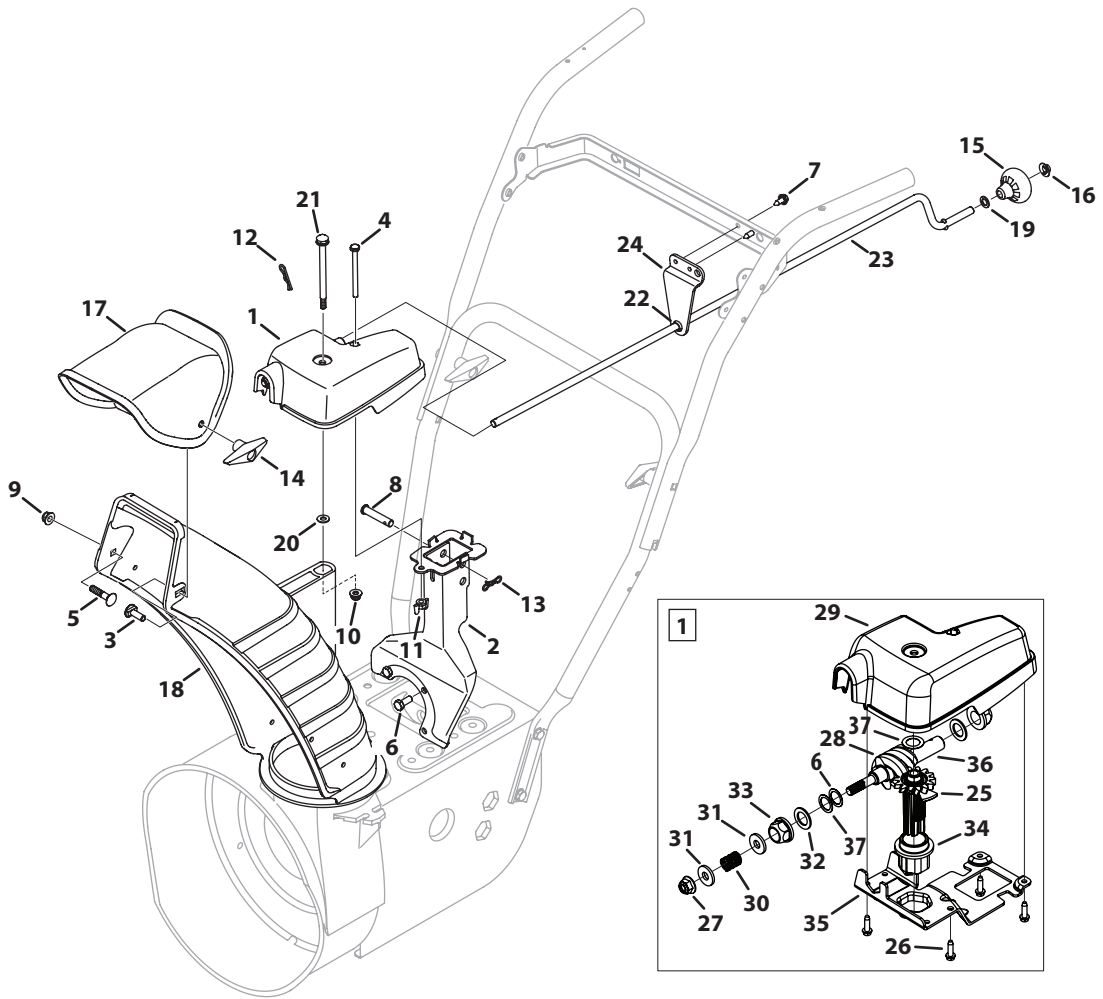
^ Models with Light

Auger & Auger Housing

Ref.	Part Number	Description
1	731-2635	Cleanout Tool Mount
2	684-04057A	Impeller Assembly, 12"
3	710-0347	Hex Screw, 3/8-16 x 1.75
4	710-04484	Hex Washer Screw, 5/16-18 x .750
5	710-0451	Carriage Bolt, 5/16-18 x .750
6	712-04063	Flange Lock Nut, 5/16-18
7	712-04065	Flange Lock Nut, 3/8-16
8	714-04040	Bow-Tie Cotter Pin
9	725-0157	Cable Tie, 3/16 x .05 x 7.4
10	926-04012	Push Nut, .25 Dia.
11	732-04460	Extension Spring
12	736-0174	Wave Washer, .625 x .885 x .015
13	736-0242	Bell Washer, .340 x .872 x .060
14	931-2643	Chute Cleanout Tool
15	738-0143	Shoulder Bolt, .496 x .336 x 3/8-16
16	938-0281	Shoulder Screw, .625 x .17 x 3/8-16
17	738-04124A	Shear Pin, .25 x 1.50
18	741-05041	Hex Flange Bearing
19	941-0309	Ball Bearing, .75 ID x 1.85 OD
20	756-04224	Idler Pulley, 2.75 OD
21	790-00075	Bearing Housing, 1.85 ID
22	790-00080A	Auger Idler Bracket
23	710-0276	Carriage Screw, 5/16-18 x 1.00
24	784-5580	Skid Shoe
25	790-00091	Deluxe Skid Shoe
26	710-0703	Carriage Screw, 1/4-20 x .75
27	712-04064	Flange Lock Nut, 1/4-20
28	936-0159	Washer, Flat, .349 x .879
29	731-05984A	Slide Shoe, Poly
—	731-06439	Slide Shoe, Poly, Small
30	936-0159	Flat Washer, .349 x .879 x .063
31	941-0475	Plastic Bushing, .380 ID
32	784-5647	Chute Crank Bracket
33*	731-04871	Spacer, 1.250 x .75 ID x 3/16 LG
34	710-04071	Carriage Bolt, 5/16-18 x 1.00
35	918-04170C	Gearbox Assembly, 22"
—	918-04171C	Gearbox Assembly, 24"
—	918-04172C	Gearbox Assembly, 26"
—	918-04173B	Gearbox Assembly, 28"
—	918-04165B	Gearbox Assembly, 30"

Ref.	Part Number	Description
36	684-04107	Spiral Assembly, LH
37	684-04108	Spiral Assembly, RH
38	684-04266	Auger Housing Assembly, 22"
—	684-04265	Auger Housing Assembly, 24"
—	684-04264	Auger Housing Assembly, 26"
—	684-04268	Auger Housing Assembly, 28"
—	684-04267	Auger Housing Assembly, 30"
39	731-04870	Spacer, 1.2500 x .75 ID x 1.00
40	736-0188	Flat Washer, .76 x 1.49 x .06
41	741-0493A	Flange Bushing, .800 ID x .910 OD
42	790-00534	Hex Bearing Housing
43	790-00117	Shave Plate, 22"
—	790-00120	Shave Plate, 24"
—	790-00121	Shave Plate, 26"
—	790-00118	Shave Plate, 28"
—	790-00119	Shave Plate, 30"
44	918-0123A	Housing Assembly, RH
45	918-0124A	Housing Assembly, LH
46	710-0642	Hex Washer Screw, 1/4-20 x .750
47	711-04286A	Auger Axle, 22"
—	711-04285A	Auger Axle, 24"
—	711-06144	Auger Axle, 26"
—	711-06145	Auger Axle, 28"
—	711-04282A	Auger Axle, 30"
48	914-0161	Hi-Pro Key
49	715-04021	Dowel Pin, .25 OD x 1.25 LG
50	917-04126	Worm Shaft, .75 OD
51	917-04861	Worm Gear 20 T
52	718-04071	Thrust Collar, .756 ID x .600
53	721-0325	Plug, 1/4 x .437
54	721-0327	Oil Seal, .75 x 1.131 x .188
55	936-0351	Flat Washer, .760 ID x 1.50 ID
56	736-3084	Flat Washer, .51 x 1.12 x .06
57	741-0662	Flange Bearing, .75 ID x 1.0 OD x .59
58	741-0663	Flange Bearing, .50 ID x .75 OD x .59
59	946-04230A	Auger Drive Cable
60	731-04705D	Chute Adapter, 5"
—	731-07525	Chute Adapter, 5" (4-way)
—	731-07117	Chute Adapter, 5" (side crank)
61	916-0231	E-Ring, .750

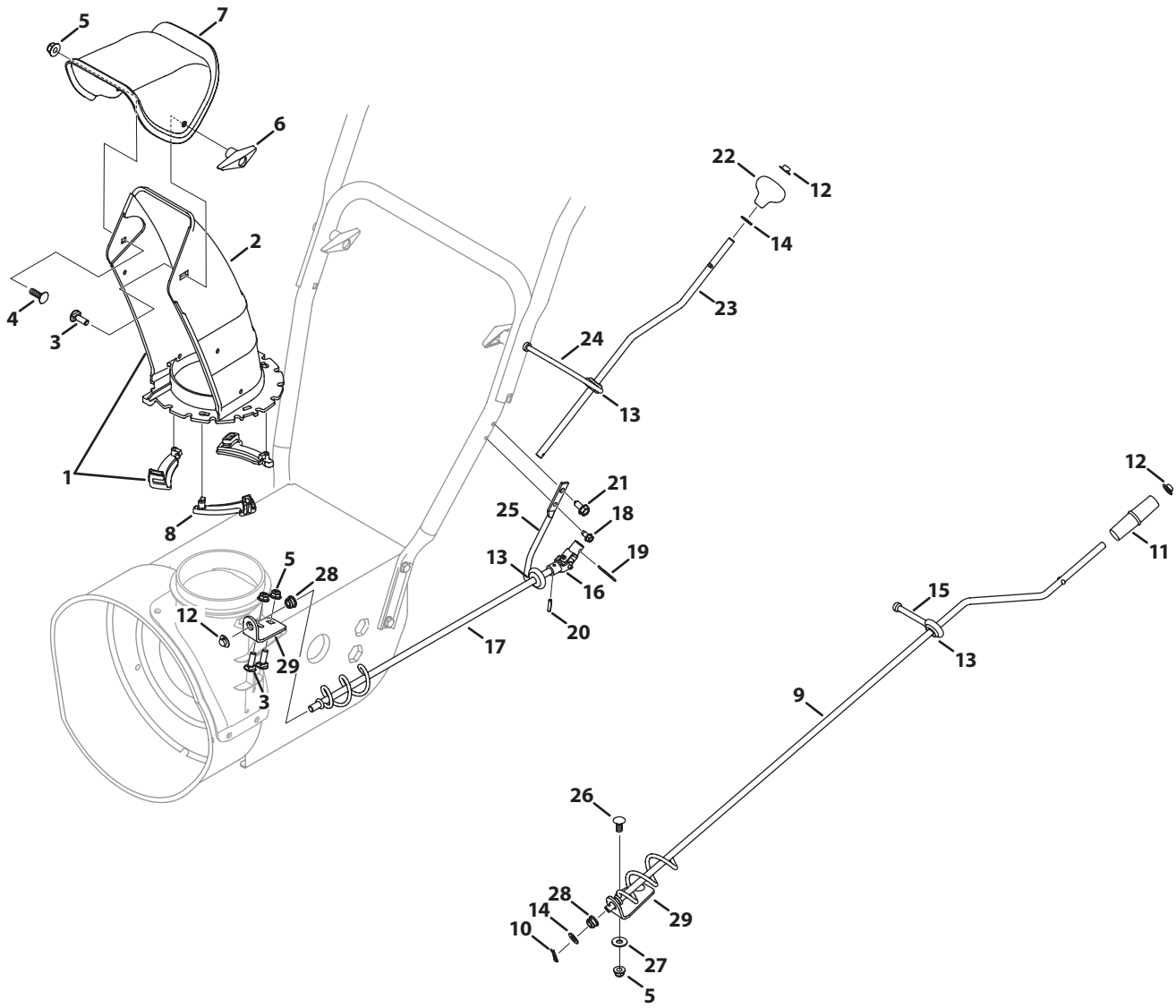
Extended Chute (Crank)



Extended Chute (Crank)

Ref.	Part Number	Description
1	918-04933B	Chute Rotation Gear Box
2	684-04310A	Chute Support Bracket (lrg. block)
—	684-04311A	Chute Support Bracket (small block)
3	710-04071	Carriage Bolt, 5/16-18 x 1.00
4	710-04370	Hex Screw, 1/4-20 x 3.00
5	710-0451	Carriage Bolt, 5/16-18 x .750
6	736-04337	Shim Washer, .632 x 1.00 x .010
7	710-1652	Hex Washer Screw, 1/4-20 x .625
8	711-04469A	Clevis Pin, 3/8-1.87
9	712-04063	Flange Lock Nut, 5/16-18
10	712-04064	Flange Lock Nut, 1/4-20
11	712-3087	Wing Nut, 1/4-20
12	914-0101	Cotter Pin, .08 x 1.42
13	714-04040	Bow-tie Cotter Pin
14	920-0284	Wing Knob, 5/16-18
—	720-05090	Wing Knob, ORG
15	720-04102	Shift Knob, .390
—	720-05093	Shift Knob, .390, ORG
16	926-0100	Push Cap, 3/8
17	731-04426A	Upper Chute
18	731-06440A	Lower Chute, 5.0
19	936-0185	Flat Washer, .375 x .738 x .063
20	736-04446	Flaw Washer, .25 x .630 x .0515
21	738-04367	Shoulder Screw, .312 x 3.5 x 1/4-20
22	941-0475	Plastic Bushing, .380 ID
23	747-05386	Chute Crank
24	790-00341	Support Rod Bracket
25	717-04667	Gear Assembly
26	710-04373A	Screw, 12-16 x .75
27	712-04065	Flange Lock Nut, 3/8-16
28	717-04672	Worm
29	731-07529A	Gear Cover
30	732-04756	Compression Spring, .39 x .60 x .88
31	736-3072	Flat Washer, .380 x .93 x .110
32	736-0290	Flat Washer, .625 x 1.0 x .067
33	941-0225	Hex Bearing
34	741-04388A	Flange Bearing
35	790-00342C	Gear Bracket
36	711-05329A	Worm Shaft
37	936-0349	Shim Washer, .63 x 1.00 x .020

Standard 2-Way Chute



Ref.	Part Number	Description
1	631-04131B	Lower Chute Assembly
2	731-04912B	Lower Chute
3	710-04071	Carriage Bolt, 5/16-18 x 1.00
4	710-0451	Carriage Bolt, 5/16-18 x .750
5	712-04063	Flange Lock Nut, 5/16-18
6	920-0284	Wing Knob
—	720-05090	Wing Knob, ORG
7	731-04426A	Upper Chute
8	731-04869A	Flange Keeper
9	684-04104	Chute Crank
10	914-0104	Cotter Pin, .072 x 1.13
11	720-0201A	Crank Knob
12	926-0100	Push Cap, 3/8
13	735-0234	Rubber Grommet
14	936-0185	Flat Washer, .375 x .738 x .063
15	747-04263	Eye Bolt
16	684-04350	Joint Assembly
17	684-04351	Chute Crank
18	710-0599	Taptite Screw, 1/4-20 x .500
19	914-0101	Cotter Pin, .08 x 1.42
20	715-04095	Pin, .156 x .875
21	710-04484	Taptite Screw, 5/16-18 x 2.25
22	720-04102	Shift Knob
23	747-05154	Upper Chute Rod
24	747-05157	Chute Rod Eye Bolt
25	747-05159	Lower Chute Rod
26	710-0276	Carriage Screw, 5/16-18 x 1.00
27	936-0159	Flat Washer, .349 x .879 x .063
28	941-0475	Plastic Bushing, .380 ID
29	784-5647	Chute Crank Bracket

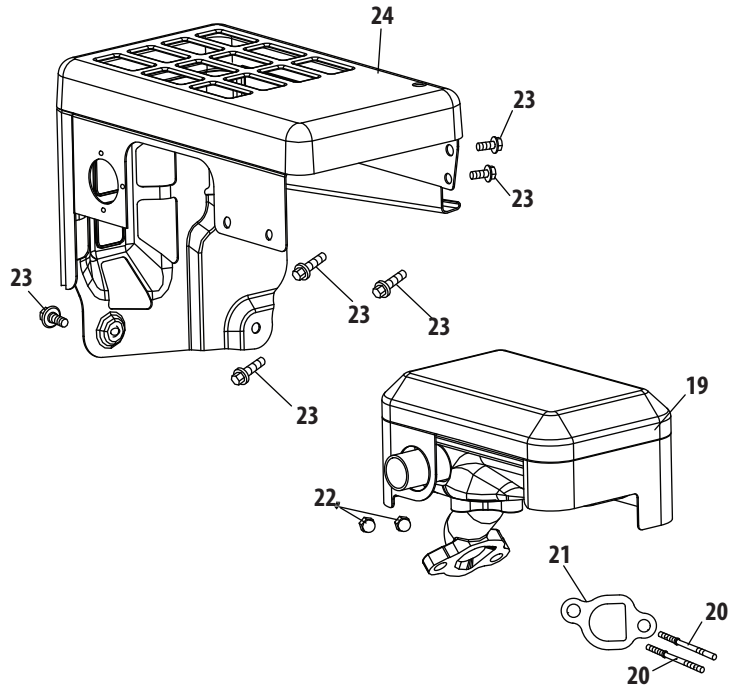
Ref.	Part Number	Description	Ref.	Part Number	Description
1	656-04055	Disc Assembly, Friction Wheel	40	790-00217A	Speed Selector Pivot Bracket
2	684-04153C	Friction Wheel Assembly, 5.5 OD	41	790-00218A	Speed Selector Shift Bracket
3	684-04154B	Friction Wheel Support Bracket	42	684-04169	Idler Pulley Assembly
4	684-04156A	Rod Shift Assembly	43	710-0191	Hex Screw, 3/8-24 x 1.25
5	710-05339	Screw, 5/16-24 x .750	44	710-0654A	Sems Screw, 3/8-16 x 1.00
6	710-0788	Taptite Screw, 1/4-20 x 1.000	45	710-0672	Hex Screw, 5/16-24 x 1.25
7	710-1652	Taptite Screw, 1/4-20 x .625	46	710-0809	Hex Screw, 1/4-20 x 1.25
8	712-04065	Flange Lock Nut, 3/8-16	47	738-04439	Shoulder Screw, 5/16-24 x .5
9	712-0417A	Flange Nut, 5/8-18	48	926-04012	Push-on Nut, .25 Dia.
10	914-0126	Hi-pro Key, 3/16 x 3/4 Dia.	49	731-06401	Belt Cover, 4-Way Irg. block
11	916-0104	E-Ring	—	731-05353	Belt Cover, 4-Way
12	716-0136	Retaining E-Ring, .875 Dia.	50	732-04308A	Torsion Spring, .850 ID x .333
13	916-0231	E-Ring, .750 Dia.	51	735-04099	Plug, 3/8 ID
14	917-04209A	Hex Shaft, 7-Tooth	52	735-04100	Plug, 1/2 ID
15	917-04230	Gear, 80-Tooth	53	936-0119	Lock Washer, 5/16
16	726-0221	Speed Nut, .500	54	736-3082A	Flat Washer, .45 x 1.5 x .172
17	932-0264	Extension Spring	55	936-0329	Washer, Lock, 1/4
18	732-04311A	Torsion Spring, .750 x .968	56	736-0505	Flat Washer, .34 x 1.50 x .150
19	731-08181	Axle Spacer	57	715-04020	Pin, Spirol, 2.5"
20	936-0287	Flat Washer, .793 x 1.24 x .060	58	748-04053A	Adapter Pulley, .75 Dia.
21	736-04161	Flat Washer, .75 x 1.00 x .060	59	748-04112B	Shoulder Spacer, .3175 x .5 x .0975
22	736-0278	Washer, Flat, .330 x .687 x .030	60	750-04303	Spacer, .875 ID x 1.185 OD
23	731-07101	Belt Cover	61	750-04477A	Spacer, .340 x .750 x .330
24	738-04184A	Shoulder Screw, .368 x .113, 1/4-20	62	750-04571	Shoulder Space, .260 x .785 x .538
25	738-0924A	Shoulder Screw, 1/4-28, .340 x .355	63	954-04195A	Auger Drive Belt, 4-Way Irg. block
26	941-0245	Hex Flange Bearing	—	954-04050A	Auger Drive Belt, Standard
27	941-0563	Ball Bearing, 17 x 40 x 12	64	954-04201A	Wheel Drive Belt, 4-Way Irg. block
28	946-05067	Wheel Clutch Cable, 44.955"	—	954-04260	Wheel Drive Belt, Standard
29	710-0751	Hex Head Screw, 1/4-20 x .620	65	756-04109	Auger Drive Pulley, 8.1 x .5
30	748-0190	Spacer, .508 ID x .75 OD x .68	66	756-04113	Pulley Half, 2.600 OD
31	756-0625	Cable Roller	67	756-04252	Pulley Half, 3/8 x 1.716 OD
32	790-00096A	Auger Cable Front Guide Bracket	68	790-00208D	Wheel Drive Idler Bracket
33	790-00180C	Frame	69	790-00332	Cover Plate, 4-Way Irg. block
34	790-00206A	Auger Cable Guide Bracket	—	790-00289A	Cover Plate, Standard
35	790-00207C	Drive Cable Guide Bracket	70	736-0188	Washer, Flat, .760 x 1.49 x .060
36	790-00316	Frame Cover	71	710-0117A	Hex Head Screw, 5/16-24 x 1.00
37	712-04063	Flange Lock Nut, 5/16-18	72	936-0159	Washer, Flat, .349 x .879
38	712-04064	Flange Lock Nut, 1/4-20	73	747-06336	Belt Guide
39	936-3015	Washer, Flat, .469 x .875 x .105	74	738-04164A	Friction Disc Bearing Pin

Cont'd on next page

Drive System

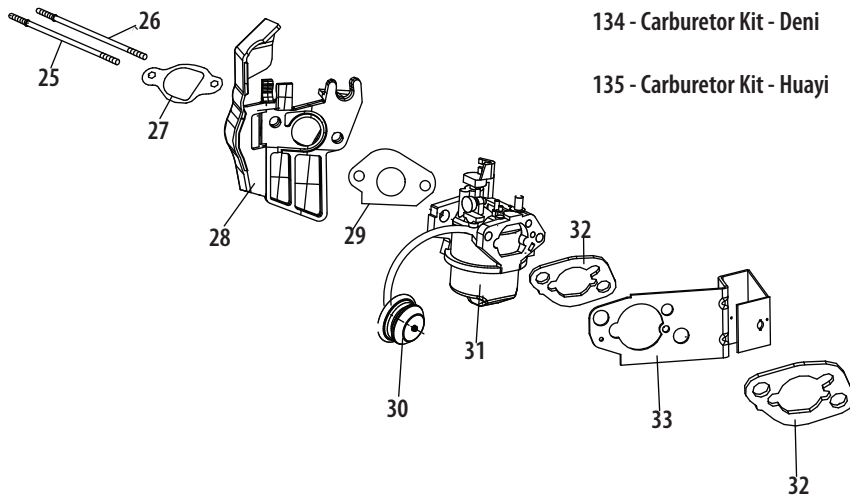
Ref.	Part Number	Description
75	741-04098	Ball Bearing, 30 x 55 x 13
76	618-0063A	Bearing Assembly
77	710-04484	Taptite Screw, 5/16-18 x .750
78	935-04054	Friction Wheel Rubber
79	790-00174C	Friction Wheel Plate
80	731-04873	Spacer, 1.25 x .75 x 3.0
—	731-04877	Spacer, 1.25 x .75 x 2.0
81	738-04493	Axle, .75 x 22
—	938-05045	Axle, .75 x 20
82	736-0320	Washer, Flat, .38 x 1.38 x .125
83	684-04360A	Friction Wheel Ass'y, Single-Speed
84	917-04793	Shaft, Single-Speed
85	710-1245B	Hex Cap Screw, 5/16-24 x .875
86	634-04144A-0911	Snow Hog Wheel, 13 x 4 x 6
—	634-04142A-0911	Snow Hog Wheel, 15 x 5 x 6
—	634-04141-0911	Snow Hog Wheel, 15 x 4.8
87	634-04145-0911	X-Trac Wheel, 16 x 4.8 x 8, LH
—	634-04146-0911	X-Trac Wheel, 16 x 4.8 x 8, RH
—	634-04136-0911	X-Trac Wheel, 16 x 6.5 x 8, RH
—	634-04137-0911	X-Trac Wheel, 16 x 6.5 x 8, LH
—	634-04147A	X-Trac Wheel, 15 x 5 x 6, LH
—	634-04148A	X-Trac Wheel, 15 x 5 x 6, RH

Engine Model 270-SUA Muffler Assembly



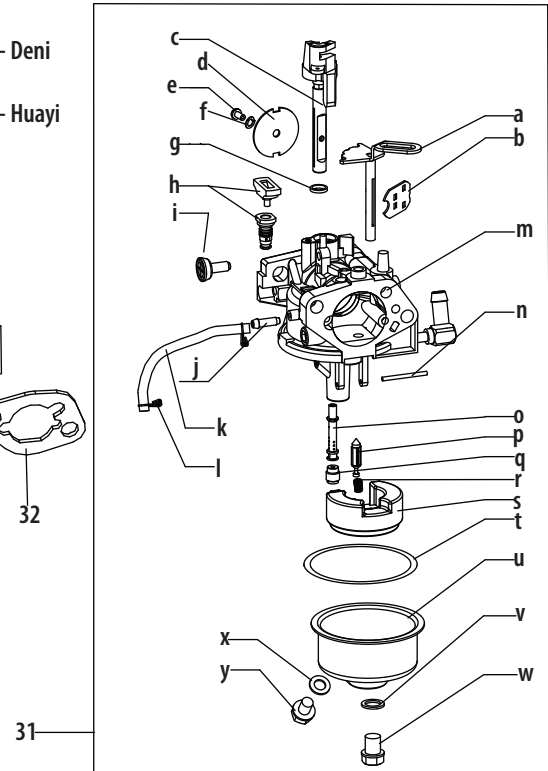
Ref.	Part Number	Description
19	951-11282	Muffler Assembly
20	710-05001	Muffler Stud
20	951-14190	Muffler Stud Kit
21	951-11289	Muffler Gasket
22	712-04214	Nut - M8
23	710-04915	Bolt - M6 X 12 Zin
24	951-10642B	Muffler Shroud

270-SUA Carburetor Assembly



134 - Carburetor Kit - Deni

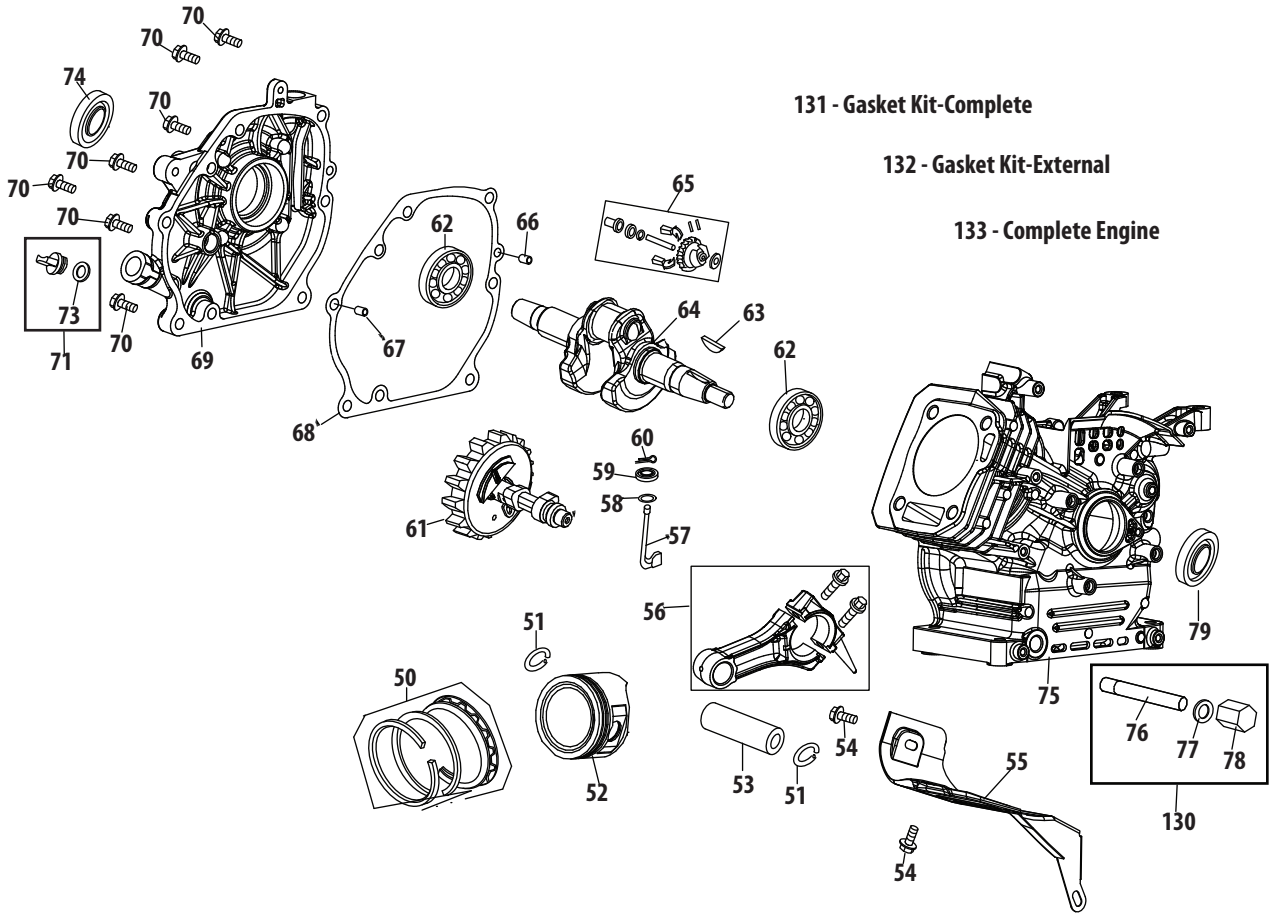
135 - Carburetor Kit - Huayi



Ref.	Part Number	Description
25	710-04939	Stud-Carb
26	710-04910	Stud - M6 X 105
27	951-11567	Gasket-Carb Insulator
28	951-11896	Carburetor Insulat
29	951-11569A	Carburetor Gasket
30	951-10639A	Primer
30	951-11824	Primer Bulb
31	951-14026A	Carburetor Assembly - Huayi
31	951-14027A	Carburetor Assembly - Deni
32	951-11897	Carburetor Gasket
33	951-11112	Bracket - Choke Control
134	951-14154	Carburetor Kit - Deni (Incl. h,n,o,p,q,r,s,t,u,x)
135	951-12788A	Carburetor Kit - Huayi (Incl. h,n,o,p,q,r,s,t,u,x)
a	n/a	Choke Shaft
b	n/a	Choke Plate
c	n/a	Throttle Shaft
d	n/a	Throttle Plate
e	710-05469	Screw M3x5

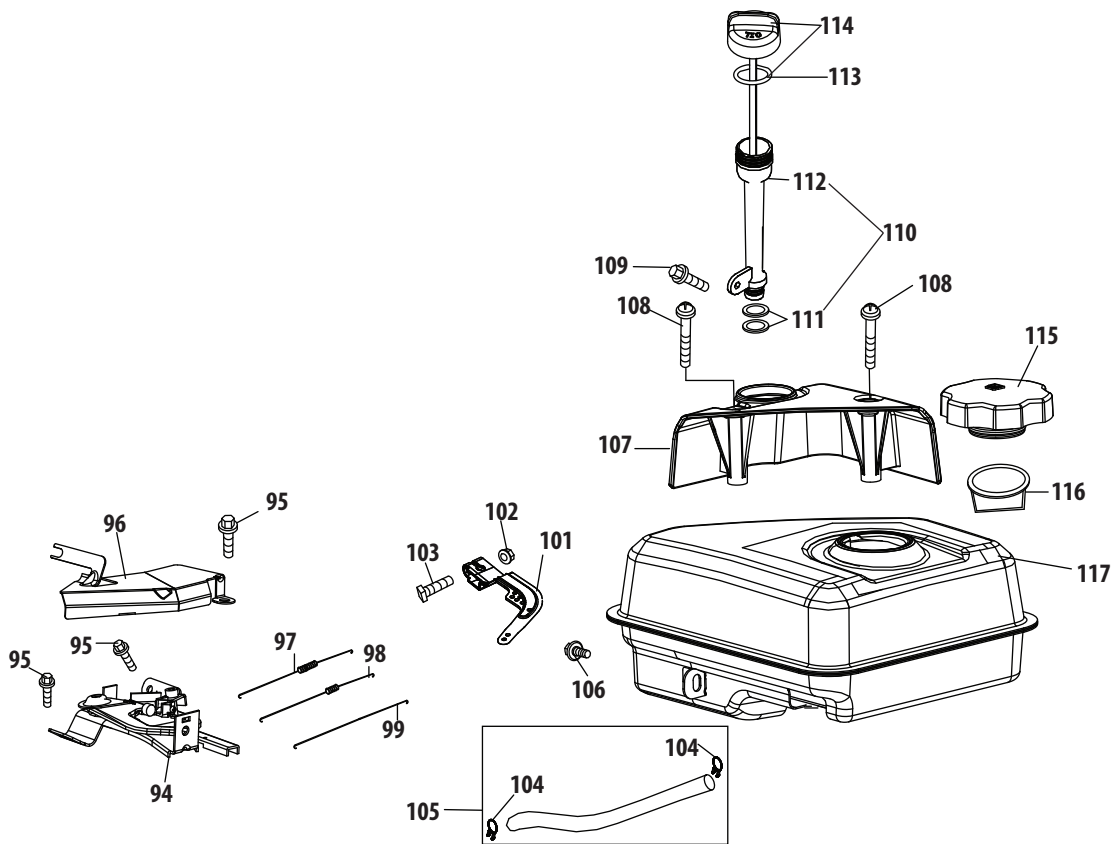
Ref.	Part Number	Description
f	736-04638	Lock Washer
g	n/a	Gasket, Throttle Plate
h	n/a	Idle Jet Assembly
i	n/a	Idle Speed Adjusting Screw
j	n/a	Mixture Screw
k	951-11699	Primer Hose
l	951-11906	Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube
p	951-12875	Float Needle Valve
q	n/a	Main Jet
r	n/a	Needle Valve Spring
s	n/a	Float
t	951-11589	Fuel Bowl Gasket
u	n/a	Fuel Bowl
v	951-11348	Fuel Bowl Gasket
w	710-04945	Fuel Bowl Mounting Bolt
x	951-11349	Fuel Drain Plug Gasket
y	710-04938	Fuel Drain Plug

270-SUA Crankcase



Ref.	Part Number	Description	Ref.	Part Number	Description
50	951-12111	Piston Ring Set			(Incl. 62,68-74)
51	951-11632	Piston Pin Snap Ring	70	710-04932	Bolt
52	951-12007	Piston	71	951-11283	Oil Fill Plug Assembly
53	951-11633	Piston Pin	73	951-11577	O-Ring 15.8 X 2.5
54	710-04915	Bolt - M6 X 12 Zin	74	951-11368	Oil Seal
55	951-11113	Shield - Air	75	951-11249	Crankcase Kit
56	951-11573	Connecting Rod Assembly			(Incl. 59,62,74,75,79)
57	951-14053	Governor Shaft		951-11060B	Shortblock Assembly
58	736-04461	Washer			(Incl. 4,21,27-29,44,46, 47,50-53,56-79)
59	951-11902	Governor Seal	76	951-11350	Oil Drain Pipe
60	714-04078	Cotter Pin	77	736-04440	Washer
61	951-11575	Camshaft Assembly	78	710-04906	Bolt - Drain Plug
62	951-11369	Bearing	79	951-11370	Oil Seal
63	951-10307	Key:Flywheel	130	951-10641	Oil Drain Assembly
64	951-11247A	Crankshaft Kit (Incl. 62,63,64,74,79)	131	951-11059A	Gasket Kit-Complete (Incl. 4,21,27-29,32,44, 58,59,68,74,77,79)
65	951-11576	Governor Gear/Shaft	132	951-10661B	Gasket Kit-External (Incl. 4,21,27-29,32,77)
66	715-04092	Pin-Dowel	133	952Z270-SUA	Complete Engine
67	715-04096	Dowl Pin 9X14			
68	951-11371	Crankcase Cover Gasket			
69	951-12125	Crankcase Cover			
	951-11246	Crankcase Cover Kit			

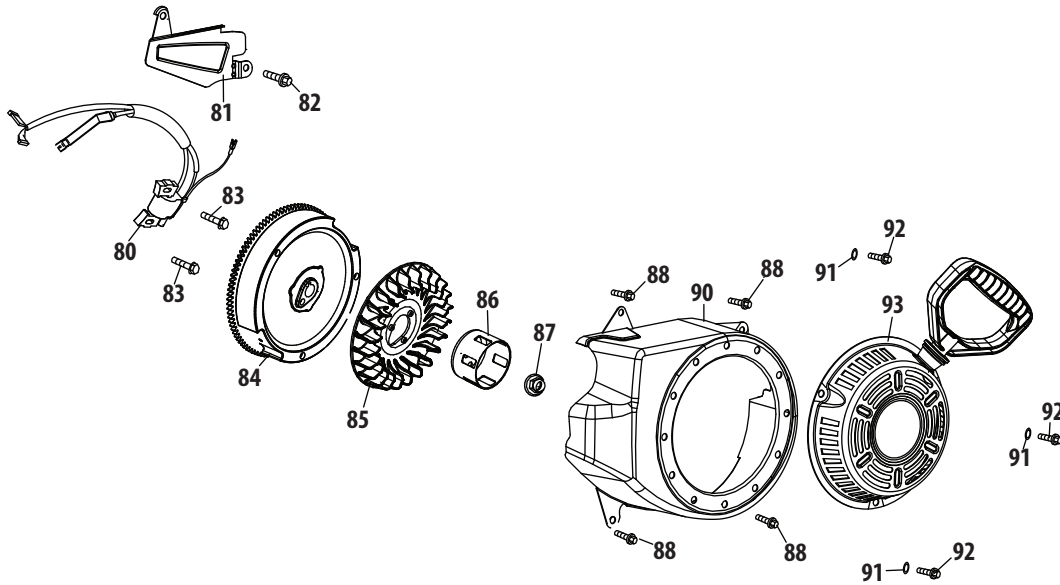
270-SUA Fuel Tank & Mounting



Ref.	Part Number	Description
94	951-10758	Throttle Control Assembly
95	710-05103	Bolt-M6 X 12
96	951-11108	Shield - Governor
97	951-11935	Governor Spring
98	951-10664	Spring-Throttle Return
99	951-10665	Rod-Governor
101	951-11106	Bracket - Governor
102	712-04212	Nut - M6
103	710-04908	Bolt - M6 X 21 Gov
104	951-11700	Hose Clamp-Carb
105	951-10650	Kit-Fuel Line
106	710-04915	Bolt - M6 X 12 Zin

Ref.	Part Number	Description
107	951-11914	Engine/Dipstick Cover
108	710-04905	Bolt
109	710-04915	Bolt - M6 X 12 Zin
110	951-11913	Oil Fill Tube Assembly
111	951-11381	O-Ring
112	951-10656	Dipstick Tube
113	951-11904	O-Ring Dipstick
114	951-12482	Dipstick Assy
115	951-12533	Fuel Cap
116	951-11933	Fuel Level Indicator
117	951-10653B	Fuel Tank

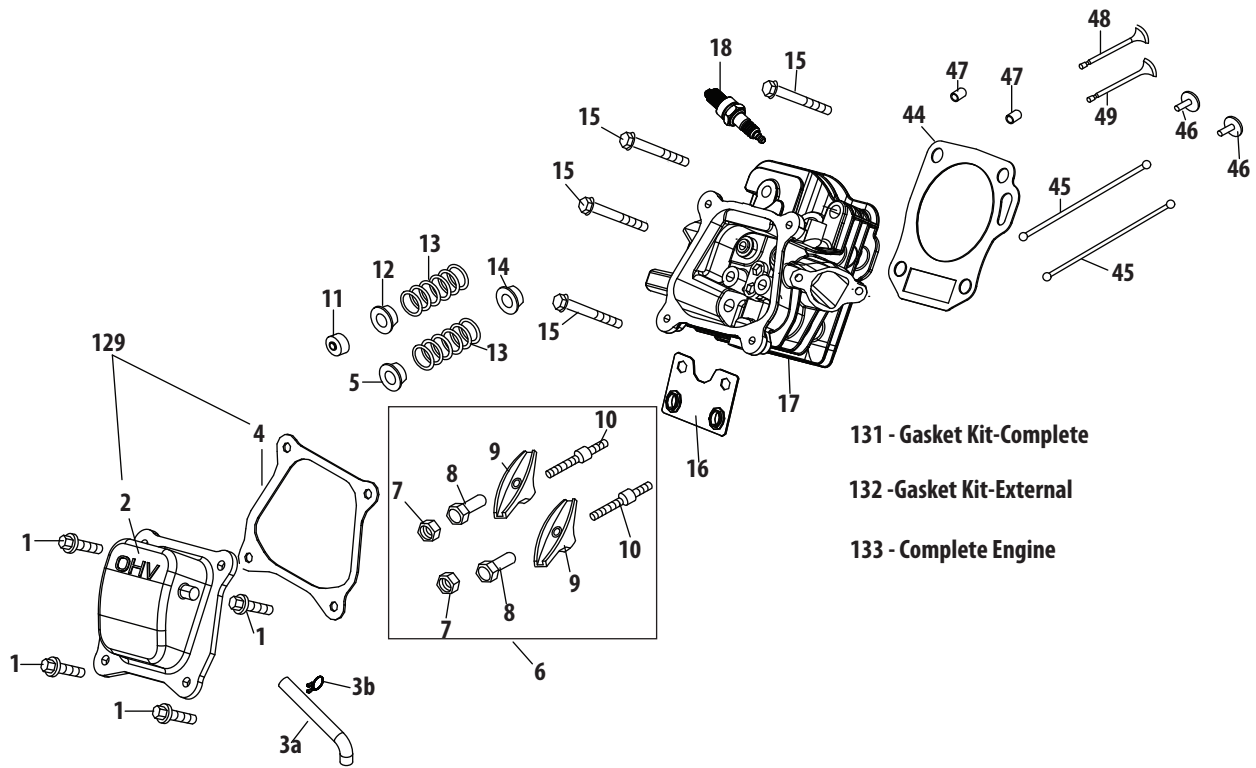
270-SUA Flywheel & Blower Housing



Ref.	Part Number	Description
80	951-10646	Ignition Coil
81	951-11110	Shield - Air Flow
82	710-04940	Bolt
83	710-04919	Bolt - Flange M6
84	951-12416	Flywheel
85	951-10934	Cooling Fan
86	951-10911	Starter Cup

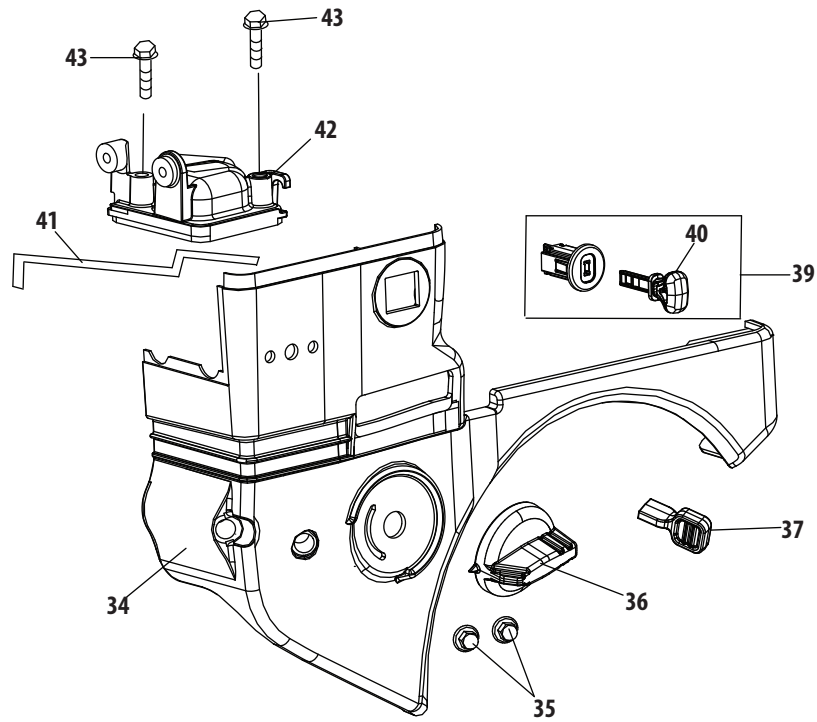
Ref.	Part Number	Description
87	712-04209	Nut - M14
88	710-04915	Bolt - M6 X 12 Zin
90	951-10663A	Fan Cover Complete
91	736-04455	Flat Washer-Recoil
92	710-04974	Flange Bolt M6
93	951-14151	Recoil Start Assembly

270-SUA Cylinder Head

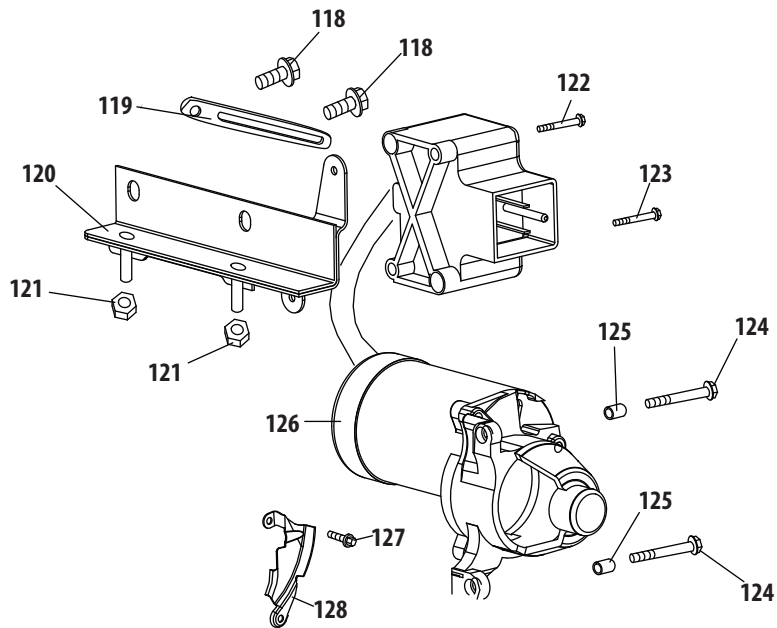


Ref.	Part Number	Description
1	710-04968	Flange Bolt M6
2	951-11054A	Valve Cover
3a	731-07059	Hose-Breather
3b	726-04101	Clamp-Breather Hose
4	951-11565	Valve Cover Gasket
5	951-12000	Intake Valve Spring Retainer
6	951-11892	Rocker Arm Assembly
7	751-11124	Nut - Pivot Lockin
8	751-11123	Nut - Valve Adjust
9	951-11893	Rocker Arm
10	710-04902	Bolt - Pivot
11	951-12002	Exhaust Valve Adjuster
12	951-12003	Exhaust Valve Spring Retainer
13	951-12004	Valve Spring
14	951-11894	Intake Valve Seal
15	710-04933	Bolt - M8 X 55 Zin
16	951-11895	Push Rod Guide
17	951-10722B	Cylinder Head Assembly (Incl. 4-14,16,17,21,27-29, 44,48,49)
18	951-10292	Plug:Spark
44	951-11572	Gasket-Cylinder Head
45	951-10648	Kit-Push Rod
46	951-11899	Tappet
47	715-04108	Pin-Dowl 10 X 16
48	951-10647A	Valve Kit
49	951-10647A	Valve Kit
129	951-12626	Valve Cover Kit
131	951-11059A	Gasket Kit-Complete (Incl. 4,21,27-29,32,44, 58,59,68,74,77,79)
132	951-10661B	Gasket Kit-External (Incl. 4,21,27-29,32,77)
133	952Z270-SUA	Complete Engine

270-SUA Engine Shroud

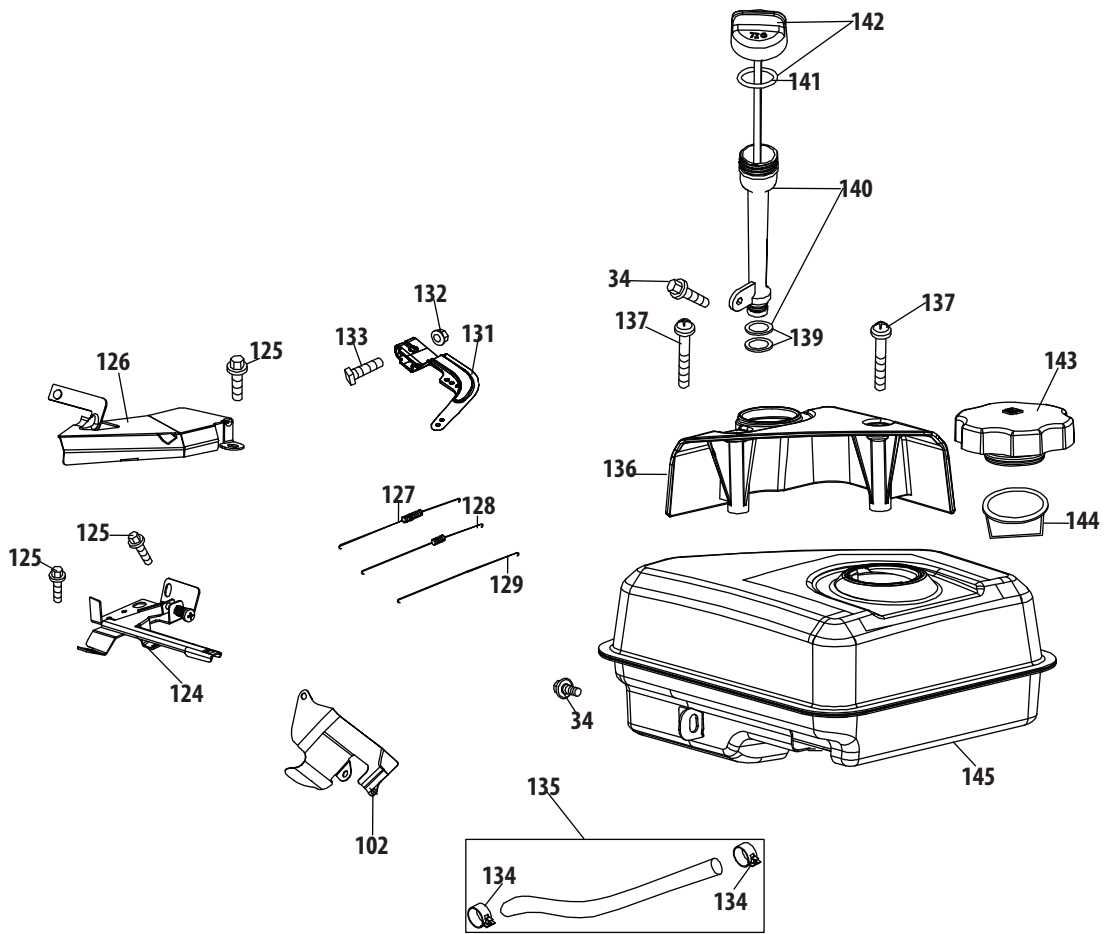


Ref.	Part Number	Description
34	951-10634	Shroud-Engine
35	712-04213	Nut
36	951-11284	Choke Knob
37	951-10757	Throttle Knob
39	951-10637	Switch-Ignition
40	731-05632	Ignition Key Switch
41	951-10640	Push Rod-Choke
42	951-10635	Air Filter Heating
43	710-04943	Bolt-M6 1X28M Spec



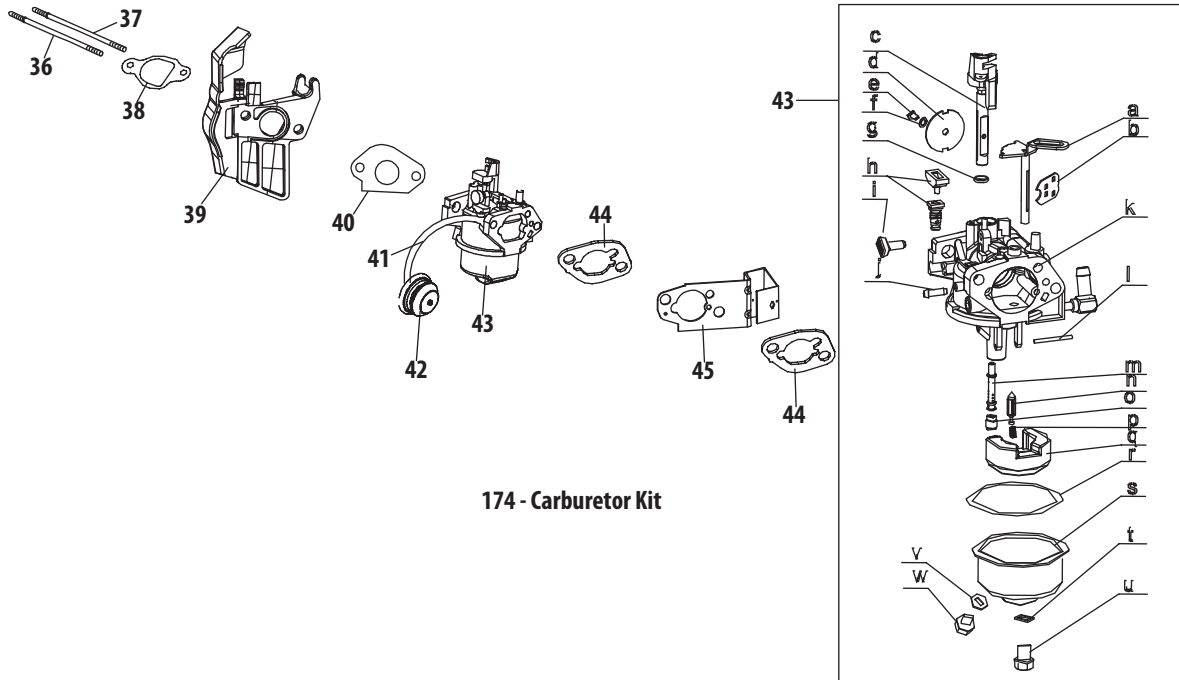
Ref.	Part Number	Description
118	710-04914	Bolt - Flange M6
119	951-11680	Flexible Clamp
120	951-11114	Bracket - Switch Housing Mount
121	712-05015	Nut
122	710-04965	Screw M4 X 55
123	710-04935	Screw - M4 X 60
124	710-05182	Bolt-M6 X 32
125	715-04088	Pin - Dowel
126	951-10645A	Electric Starter
127	710-04915	Bolt - M6 X 12 Zin
128	951-11109	Shield - Blower Housing

Engine Model 375-SU Fuel Tank & Mounting



Ref.	Part Number	Description
34	710-04915	Bolt M6x12
102	908-05070	Air Shield
124	951-10758	Throttle Bracket
125	710-05103	Bolt M6x12
126	951-11108	Governor Linkage Shield
127	951-11935	Governor Spring
128	951-10664	Throttle Linkage Spring
129	951-10665	Throttle Linkage
131	951-11106	Governor Arm
132	712-04212	Nut M6
133	710-04908	Governor Arm Bolt

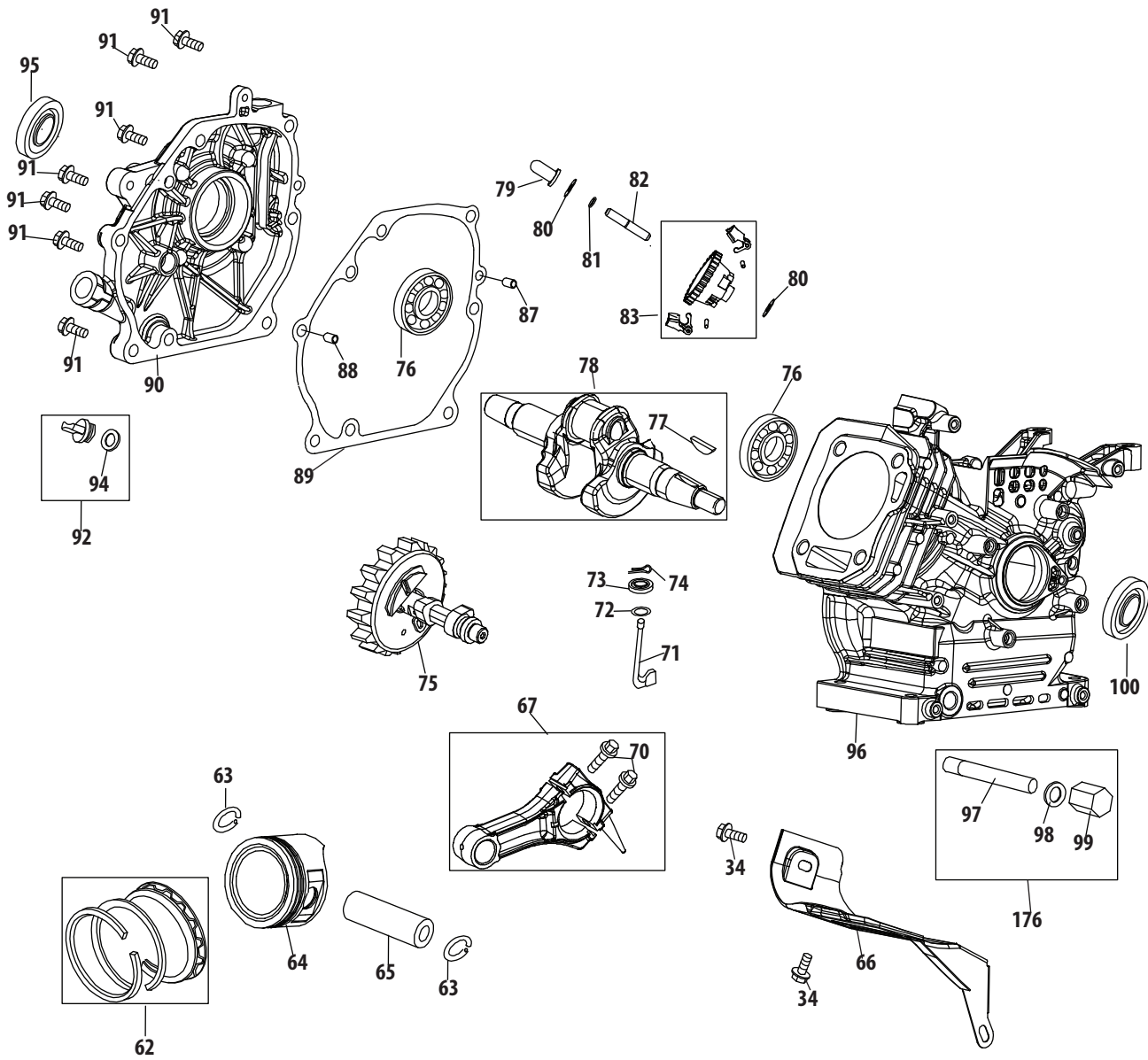
Ref.	Part Number	Description
134	951-11731	Fuel Hose Clamp
135	951-14549	Fuel Line Kit
136	951-11914	Dipstick Decoration Cover
137	710-04905	Bolt
139	951-11381	Oil Fill Tube O-Ring
140	951-11913	Oil Fill Tube Assembly
141	921-04663	Dipstick O-Ring
142	951-12482	Dipstick Assembly
143	951-12533	Fuel Cap Assembly
144	951-11933	Fuel Filter
145	951-10653B	Fuel Tank Assembly



174 - Carburetor Kit

Ref.	Part Number	Description	Ref.	Part Number	Description
36	710-04939	Stud M6×117	g	n/a	Gasket, Throttle Plate
37	710-04910	Stud M6×105	h	n/a	Idle Jet Assembly
38	951-11567	Carburetor Insulator Gasket	i	n/a	Idle Speed Adjusting Screw
39	951-11896A	Carburetor Insulator	j	n/a	Mixture Screw
40	951-11569A	Carburetor Gasket	k	n/a	Carburetor Body
41	935-05038	Primer Hose	l	n/a	Float Pin
42	951-10639A	Primer Assembly	m	n/a	Emulsion Tube
43	951-05118	Carburetor Assembly	n	n/a	Needle Valve
44	951-11897	Carburetor Gasket Plate	o	n/a	Main Jet
45	951-11112	Choke Control	p	n/a	Needle Valve Spring
174	951-05135	Carburetor Kit (Incl. h, l, m, n, o, p, q, r, t, v)	q	n/a	Float
a	n/a	Choke Shaft	r	951-11589	Fuel Bowl Gasket
b	n/a	Choke Plate	s	n/a	Fuel Bowl
c	n/a	Throttle Shaft	t	951-11348	Fuel Bowl Gasket
d	n/a	Throttle Plate	u	710-04938	Fuel Bowl Mounting Bolt
e	710-05469	Screw M3×6	v	951-11349	Fuel Drain Plug Gasket
f	736-04638	Lock Washer	w	710-04945	Fuel Drain Plug

375-SU Crankcase



177 - Complete Engine

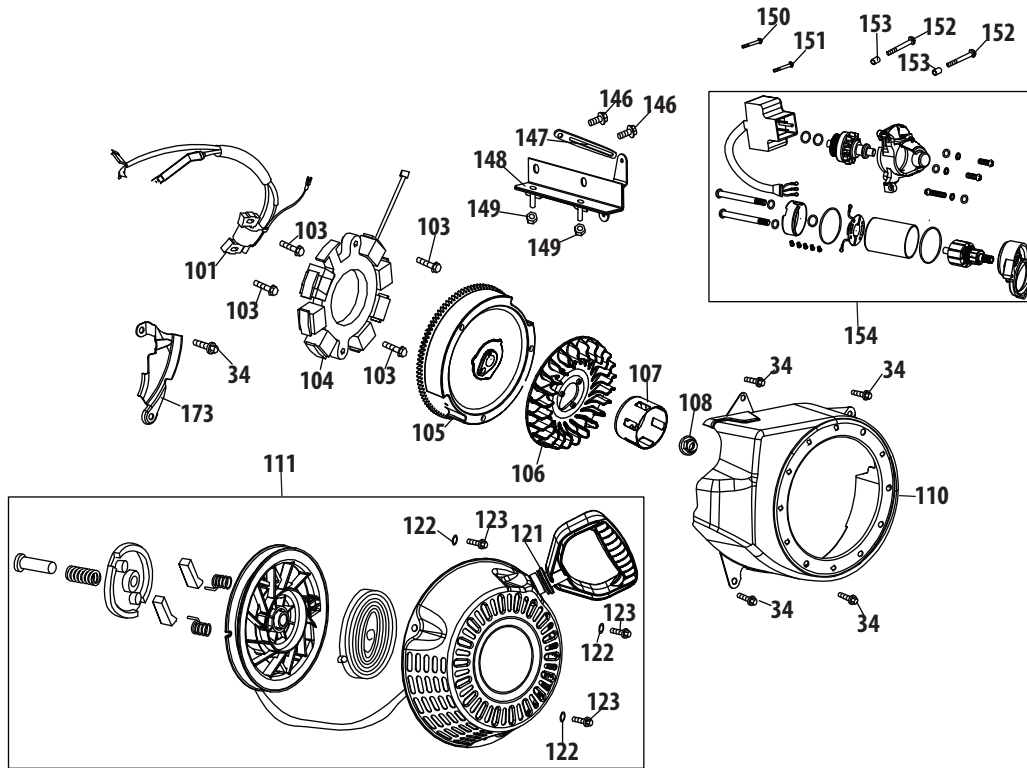
178 - Gasket Kit - External

179 - Gasket Kit - Complete

375-SU Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
34	710-04915	Bolt M6×12	89	951-11371	Crankcase Cover Gasket
62	951-14471	Piston Ring Set	90	951-12125	Crankcase Cover
63	951-11632	Piston Pin Snap Ring		951-11246	Crankcase Cover Kit (Incl.76,89,90-95)
64	919-05074	Piston	91	710-04932	Bolt M8×32
65	951-11633	Piston Pin	92	951-11283	Oil Fill Plug Kit
66	908-05069	Air Shield	94	951-11577	O-Ring 15.8×2.5
67	951-11573	Connecting Rod Assembly	95	951-11368	Oil Seal, 25×41.25×6
70	710-05116	Connecting Rod Bolt	96	951-05130	Crankcase Service Kit (Incl.73,76,95,96,100)
71	951-14053	Governor Arm Shaft		951-05129	Short Block Assembly (Incl.58,62-91,95,96,100)
72	736-04461	Washer 5.2×1.9	97	951-11350	Oil Drain Pipe
73	951-11902	Governor Seal	98	736-04440	Washer 10×16×1.5
74	714-04074	Cotter Pin	99	951-11499	Oil Drain Plug
75	951-11575	Camshaft Assembly	100	951-11370	Oil Seal 25×41.25×6
76	951-11369	Radial Ball Bearing, 6205	176	951-10641	Oil Drain Kit (Incl.97-99)
77	951-10307	Woodruff Key	177	952Z375-SU	Complete Engine
78	951-05129	Crankshaft Service Kit (Incl.76-78,95,100)	178	951-05133	Gasket Kit - External (Incl.6,32,38-40,44)
79	931-09595	Governor Cup	179	651-05132	Gasket Kit - Complete (Incl.6,32,38-40,44,56, 72-73,89,95,98,100)
80	936-05038	Washer 6.2×0.6×15			
81	916-05003	Clamp			
82	911-06137	Governor Shaft			
83	917-05007	Governor Body			
87	715-04096	Dowel Pin 7×14			
88	715-04089	Dowel Pin 9×14			

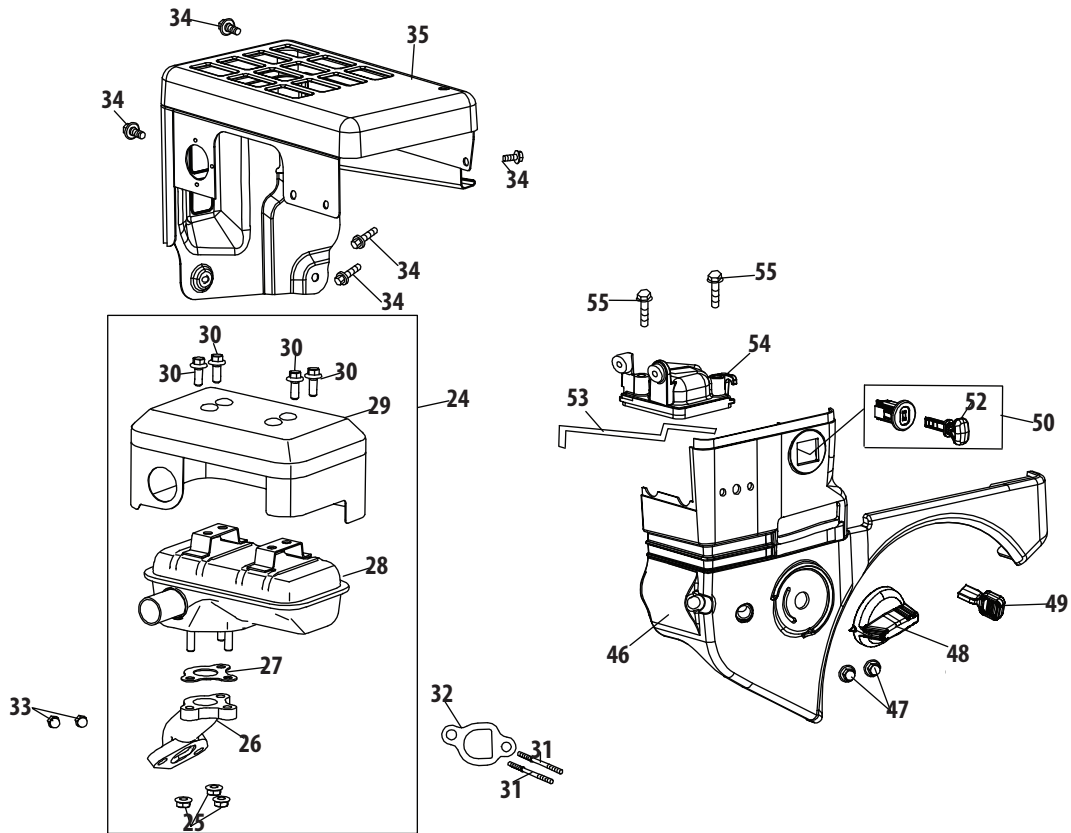
375-SU Starter & Blower Housing



Ref.	Part Number	Description
34	710-04915	Bolt M6x12
101	951-10646A	Ignition Coil Assembly
103	710-04919	Bolt M6x25
104	951-12050A	Alternator Assembly
105	751-12051	Flywheel
106	951-10934	Cooling Fan
107	951-10911	Starter Cup
108	712-04209	Flywheel Nut, M14x1.5
110	951-10663A	Blower Housing
111	951-14545	Recoil Starter Assembly
121	731-05696	Starter Handle
122	736-04455	Washer 6
123	710-04974	Bolt M6x10

Ref.	Part Number	Description
146	710-04914	Bolt M6x10
147	951-11680	Electric Starter Cord Retainer
148	951-11114	Switch Housing Mounting Bracket
149	712-04212	Nut, M6
150	710-04965	Bolt M4x55
151	710-04935	Bolt M4x60
152	710-05182	Bolt M6x32
153	715-04088	Dowel Pin 8x8
154	951-10645B	Electric Starter
	951-05102	120V E-Strt Plug Kit
	651-05103	230V E-Strt Plug Kit
173	951-11109	Blower Housing Shield

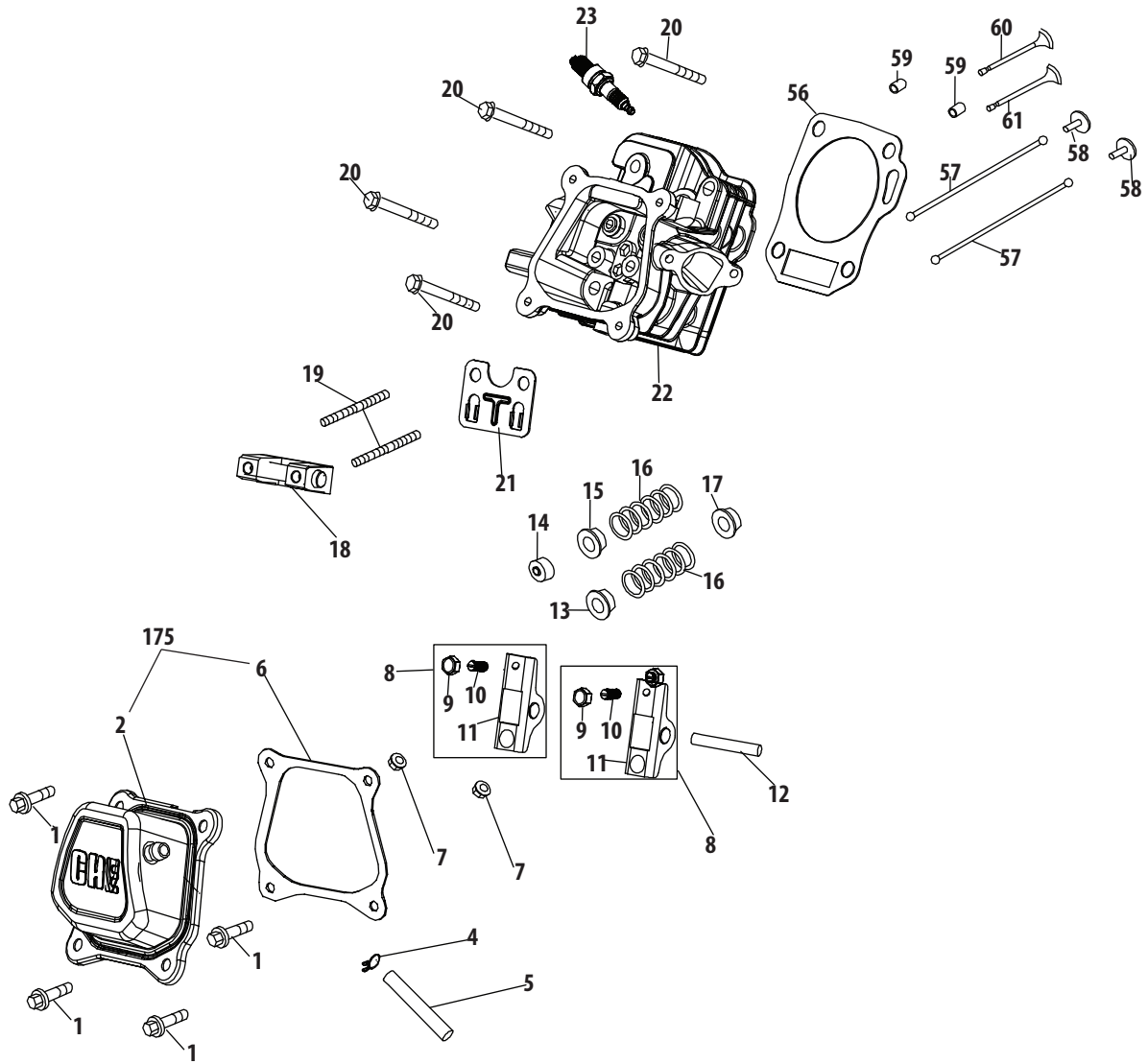
375-SU Muffler & Air Housing



Ref.	Part Number	Description
24	951-05116	Muffler Assembly
25	712-05015	Flange Nut M6
26	919-05024	Exhaust Pipe
27	951-10666	Gasket, Muffler
28	908-05029	Muffler Body
29	908-05022	Muffler Guard
30	710-05002	Bolt M5×10/Stainless Steel
31	710-05001	Stud M8×36
31	951-14190	Muffler Stud Assembly
32	951-11289	Exhaust Pipe Gasket
33	712-04214	Nut, M8

Ref.	Part Number	Description
34	710-04915	Bolt M6×12
35	951-10642B	Muffler Shield
46	951-10634A	Air Cleaner Housing
47	712-04213	Nut
48	951-11284	Choke Knob
49	951-11224	Throttle Control Knob
50	951-10637	Key Switch Assembly
52	951-10630	Key
53	951-10640	Choke Linkage
54	951-10635	Heater Box
55	710-04931	Bolt M6×28

375-SU Cylinder Head



177 - Complete Engine

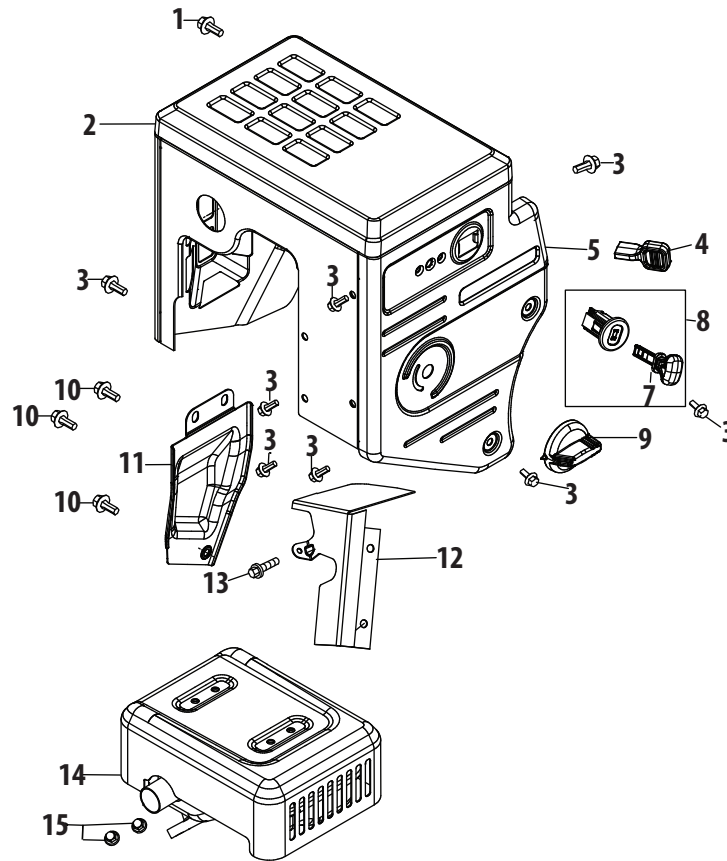
178 - Gasket Kit - External

179 - Gasket Kit - Complete

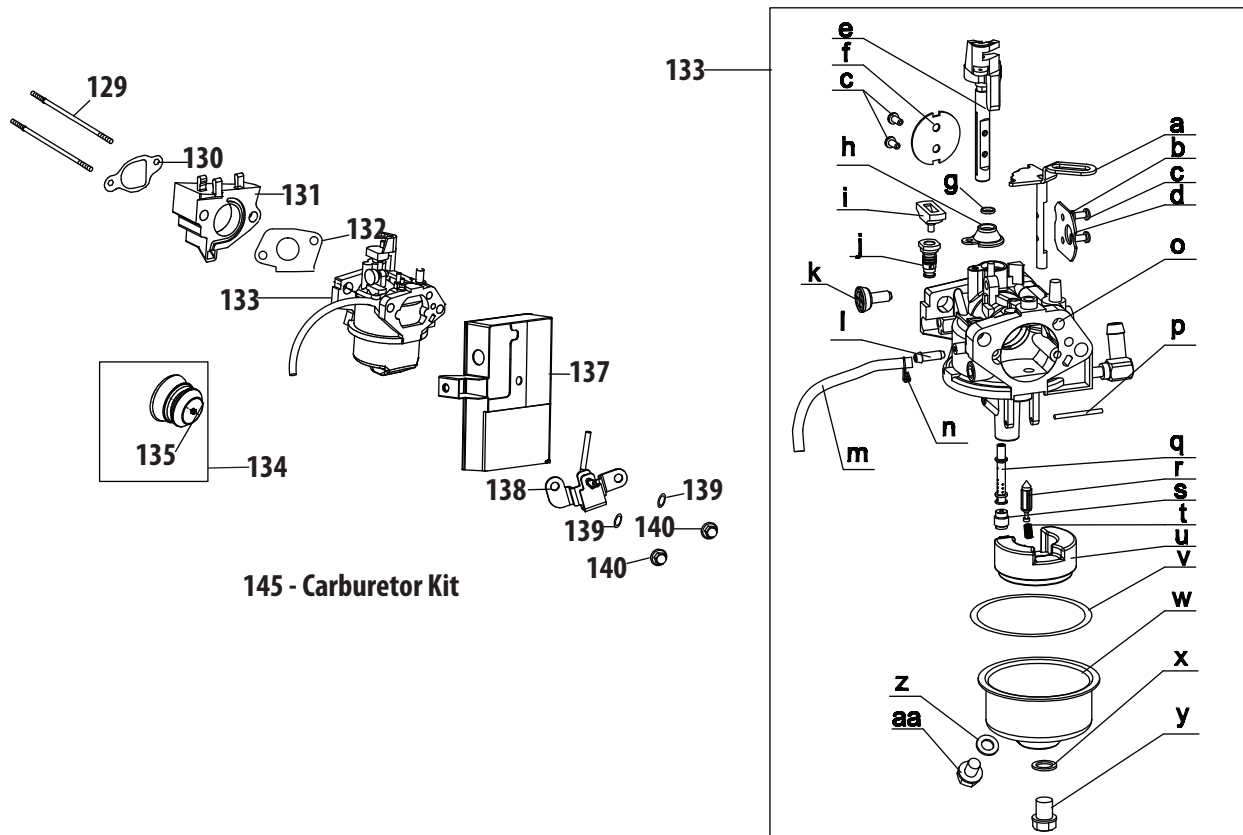
375-SU Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
1	710-04968	Bolt M6×16	21	908-05066	Push Rod Guide
2	908-05028	Valve Cover	22	951-05136	Cylinder Head Assembly (Incl.7,9-19,21,22,60,61)
4	726-04101	Clamp, Fuel Hose	23	951-10292	Spark Plug/F6Rtc
5	951-14074	Breather Hose	56	921-04674	Gasket, Cylinder Head
6	921-04673	Valve Cover Gasket	57	751-14370	Kit-Push Rod
7	712-05015	Nut M6	58	951-14470	Tappet
8	951-05041	Rocker Arm Assembly	59	715-04122	Dowel Pin 12×16
9	910-06091	Valve Clearance Adjustment Screws	60	951-10647A	Valve Kit
10	912-05050	Adjust Nut	61	951-10647A	Valve Kit
11	951-12372	Rocker Arm	175	951-05134	Valve Cover Kit (Incl.2,6)
12	951-14374	Rocker Arm Pivot Shaft	177	952Z375-SU	Complete Engine
13	951-12000	Valve Spring Retainer (Intake)	178	951-05133	Gasket Kit - External (Incl.6,32,38-40,44)
14	951-12002	Exhaust Lash Cap	179	651-05132	Gasket Kit - Complete (Incl.6,32,38-40,44,56, 72-73,89,95,98,100)
15	951-12003	Valve Spring Retainer (Exhaust)			
16	951-12004	Valve Spring			
17	951-11894	Valve Seal (Intake)			
18	951-14373	Rocker Arm Pivot Block			
19	910-06092	Bolt, Pivot			
20	910-06158	Bolt M10×1.25×60			

Engine Model 478-SUB Muffler & Controls



Ref.	Part Number	Description
1	710-04915	Bolt, M6x12
2	951-11194	Muffler Shield
3	710-04915	Bolt M6x12
4	951-10757	Throttle Control Knob
5	951-11594	Control Panel
7	731-05632	Key
8	951-10637	Key Switch Assembly
9	951-11302	Choke Knob
10	710-04914	Bolt M6x10
11	951-11181	Exhaust Pipe Shield
12	951-11227	Carb Isolator Bracket
13	710-04968	Bolt M6x16
14	951-11195	Muffler Assembly
15	712-05015	Nut, M8

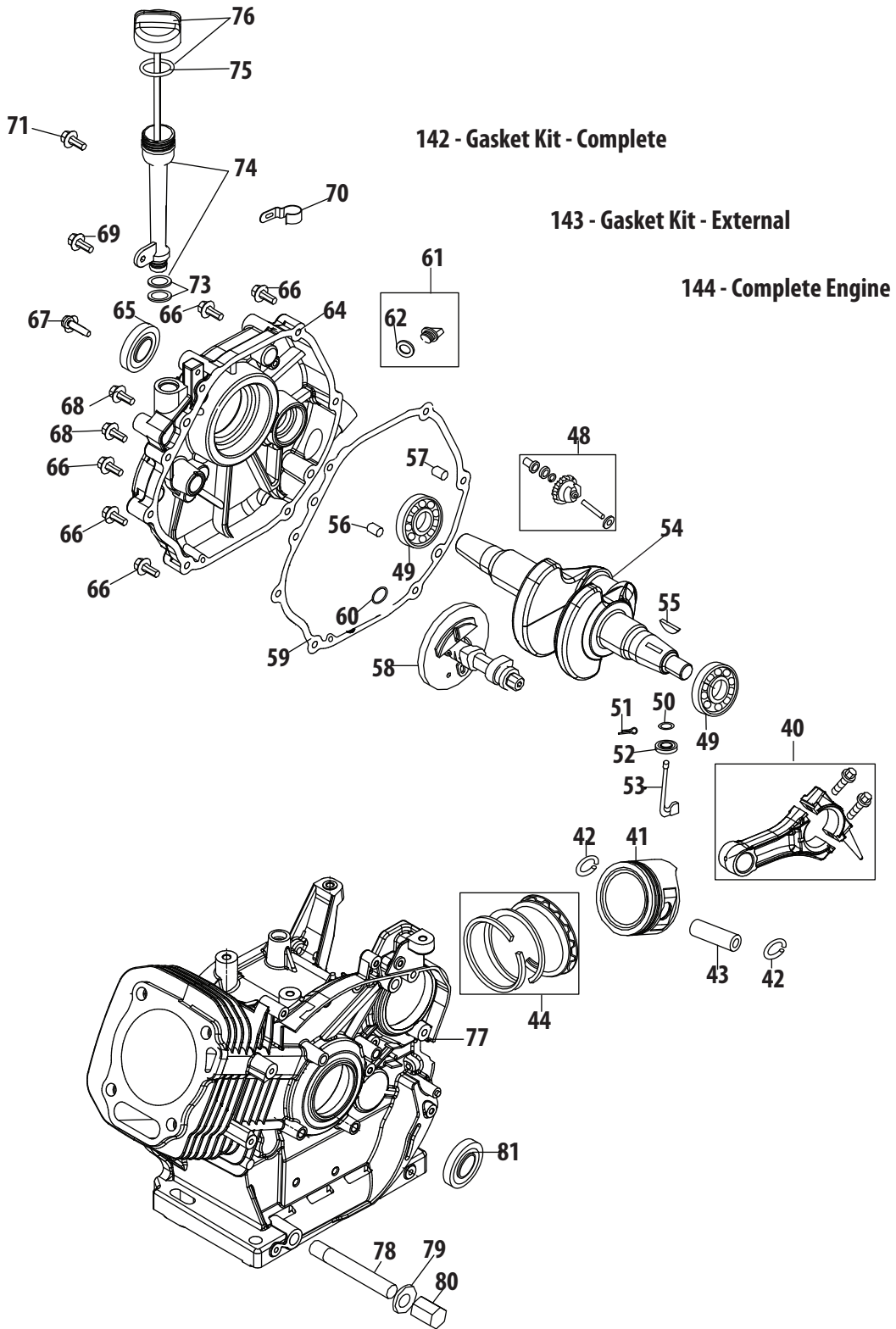


145 - Carburetor Kit

Ref.	Part Number	Description
129	710-04963	Stud M6-8×104
130	951-11225	Carburetor Insulator Gasket
131	951-11222	Carburetor Insulator
132	951-11223	Carburetor Gasket
133	951-14024A	Carburetor Assembly
134	951-10639A	Primer Assembly
135	951-11824	Primer
137	951-11190	Heater Box
138	951-11192	Choke Control
139	736-04477	Lock Washer
140	712-05015	Nut M6
145	951-12762A	Carburetor Kit (Incl. i,j,p,q,r,s,t,u,v,x,z)
a	n/a	Choke Shaft
b	736-04638	Lock Washer
c	710-05469	Screw M3×6
d	n/a	Choke Plate
e	n/a	Throttle Shaft
f	n/a	Throttle Plate
g	n/a	Gasket

Ref.	Part Number	Description
h	n/a	Throttle Shaft Cover
i	n/a	Idle Jet Rivet
j	n/a	Idle Jet Assembly
k	n/a	Idle Speed Adjusting Screw
l	n/a	Primer Pipe
m	751-11991	Primer Hose
n	951-11906	Hose Clamp
o	n/a	Carburetor Body
p	n/a	Float Pin
q	n/a	Emulsion Tube
r	n/a	Needle Valve
s	n/a	Main Jet
t	n/a	Needle Valve Spring
u	n/a	Float
v	951-11970	Fuel Bowl Gasket
w	n/a	Fuel Bowl
x	951-11348	Fuel Bowl Gasket
y	710-04945	Fuel Bowl Mounting Bolt
z	951-11349	Fuel Drain Plug Gasket
aa	710-04938	Fuel Drain Plug

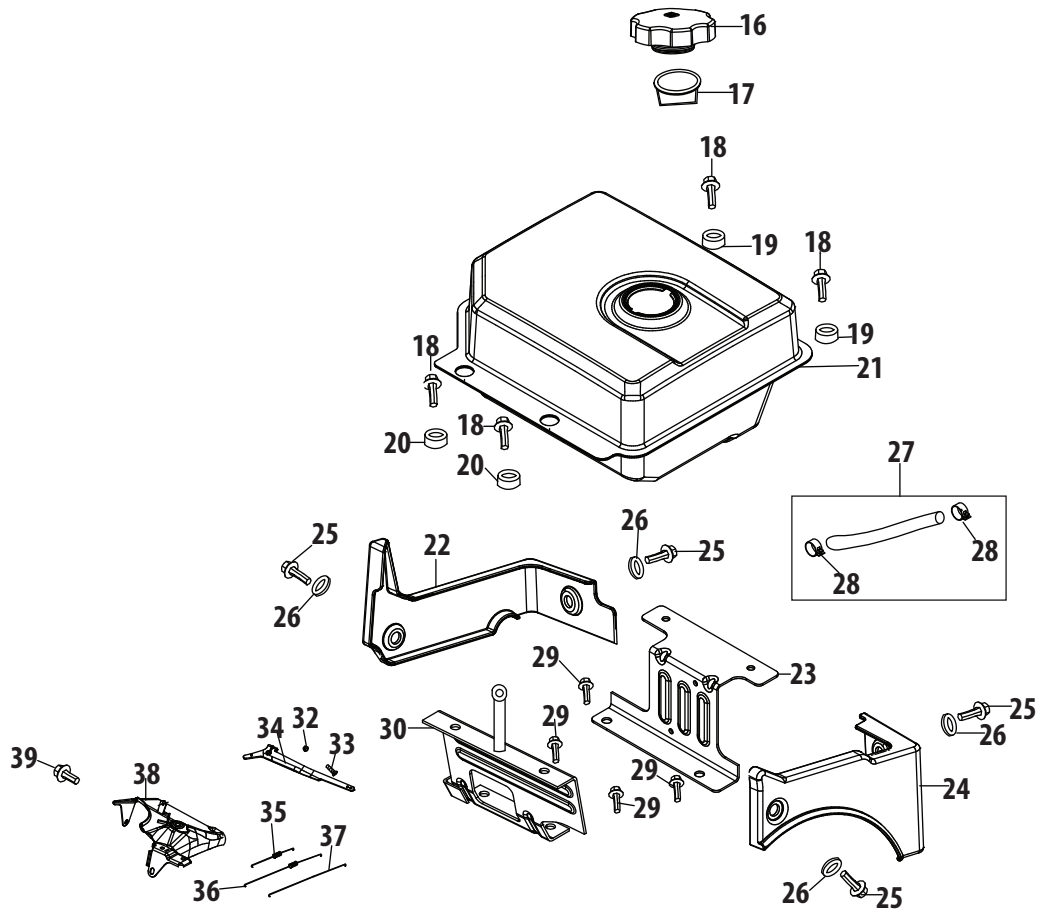
478-SUB Crankcase



478-SUB Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
40	951-12066	Connecting Rod Assembly	66	710-04971	Bolt M8×38
41	951-12043	Piston	67	710-04972	Bolt M8×45
42	951-11632	Piston Pin Snap Ring	68	710-05052	Bolt M8×35
43	951-12044	Piston Pin	69	710-04968	Bolt M6×16
44	951-12387	Piston Ring Set	70	951-11320	Dipstick Clamp
48	751-12068	Governor Gear/Shaft Assembly	71	710-05349	Bolt M6×8
49	951-12069	Radial Ball Bearing	73	951-11904	Oil Fill Tube O-Ring
50	736-04453	Washer 8×20×0.8	74	951-12073	Oil Fill Tube Assembly
51	714-04077	Cotter Pin	75	951-11381	Dipstick O-Ring
52	951-11958	Governor Seal	76	951-11971A	Dipstick Assembly
53	951-12071	Governor Arm Shaft	77	951-11230	Crankcase Kit
54	951-11229	Crankshaft Kit (Incl. 49,54,55,65,81)		951-11187	Short Block Assembly (Incl. 40-44,48-68,77-81,103, 106,107,109,111,124,130-132)
55	951-10307	Woodruff Key	78	951-11350	Oil Drain Pipe
56	715-04102	Dowel Pin 9×12	79	736-04440	Washer 10×16×1.5
57	715-04092	Dowel Pin 7×14	80	710-04906	Oil Drain Plug
58	951-12072	Camshaft Assembly	81	751-11498	Oil Seal 30×46×8
59	951-11374	Crankcase Cover Gasket	142	951-11209	Gasket Kit - Complete (Incl. 52,59,65,79,81,107, 109,124,130-132)
60	736-04545	Washer 16×24×0.5	143	951-11210	Gasket Kit - External (Incl. 79,109,124,130-132)
61	951-11283	Oil Fill Plug Assembly	144	952Z478-SUB	Complete Engine
62	951-11577	O-Ring			
64	951-12395	Crankcase Cover			
64	951-11228	Crankcase Cover Kit (Incl. 49,59,50,64-68)			
65	951-11372	Oil Seal, 30×46×8			

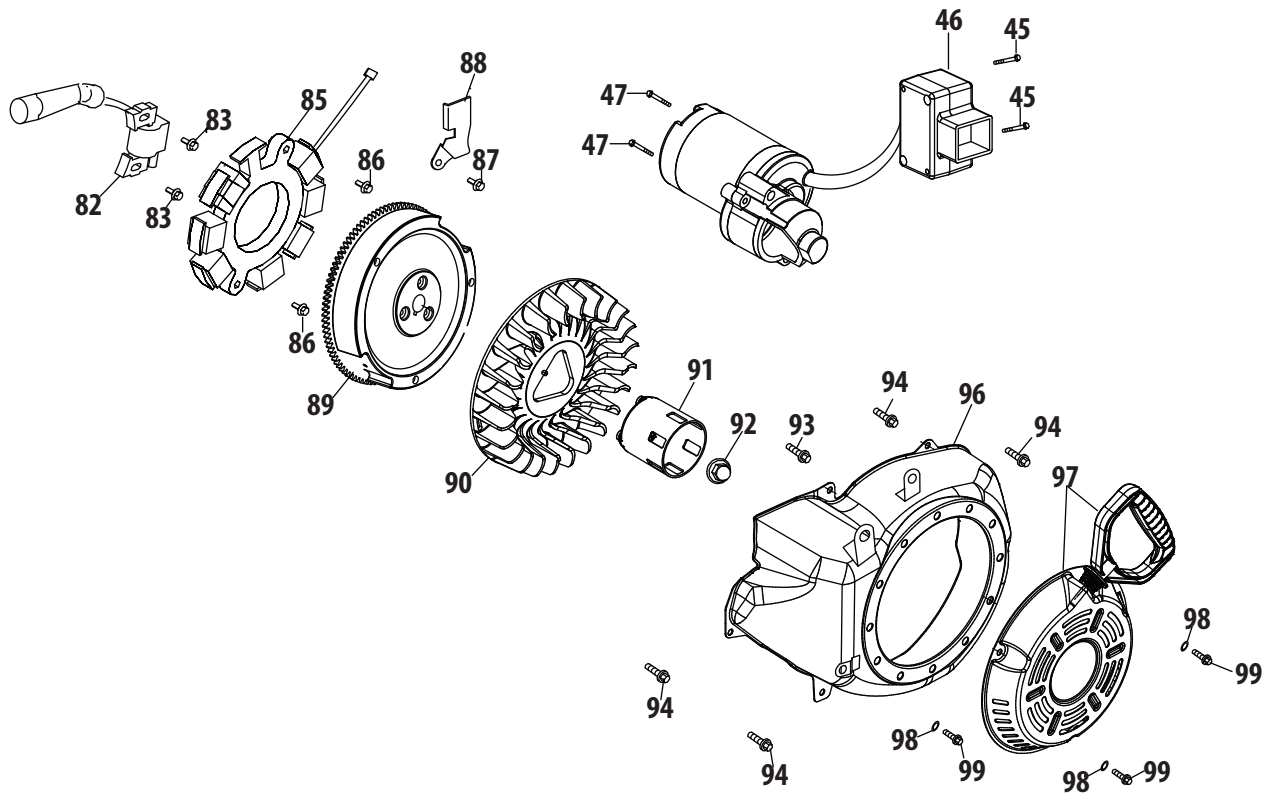
478-SUB Fuel Tank & Mounting



Ref.	Part Number	Description
16	951-12533	Fuel Cap Assembly
17	951-11933	Fuel Level Indicator
18	710-04970	Bolt M8×20
19	750-05312	Bushing
20	750-05313	Bushing
21	951-11201	Fuel Tank Assembly
22	951-11184	Governor Cover
23	951-11183	Rear Mainting Bracket Assy.
24	951-12385	Decorate Cover
25	710-04968	Bolt M6×16
26	736-04452	Bush
27	951-11200	Fuel Line Kit

Ref.	Part Number	Description
28	951-11700	Fuel Hose Clamp
29	710-04921	Bolt M8×14
30	951-11182	Gas Tank Support Bracket
32	712-04212	Nut M6
33	710-04908	Governor Arm Bolt
34	951-11231	Governor Arm
35	951-11202	Governor Spring
36	951-11203	Throttle Linkage Spring
37	951-11204	Throttle Linkage
38	951-11213	Primer Bracket
39	710-04915	Bolt, M6×12

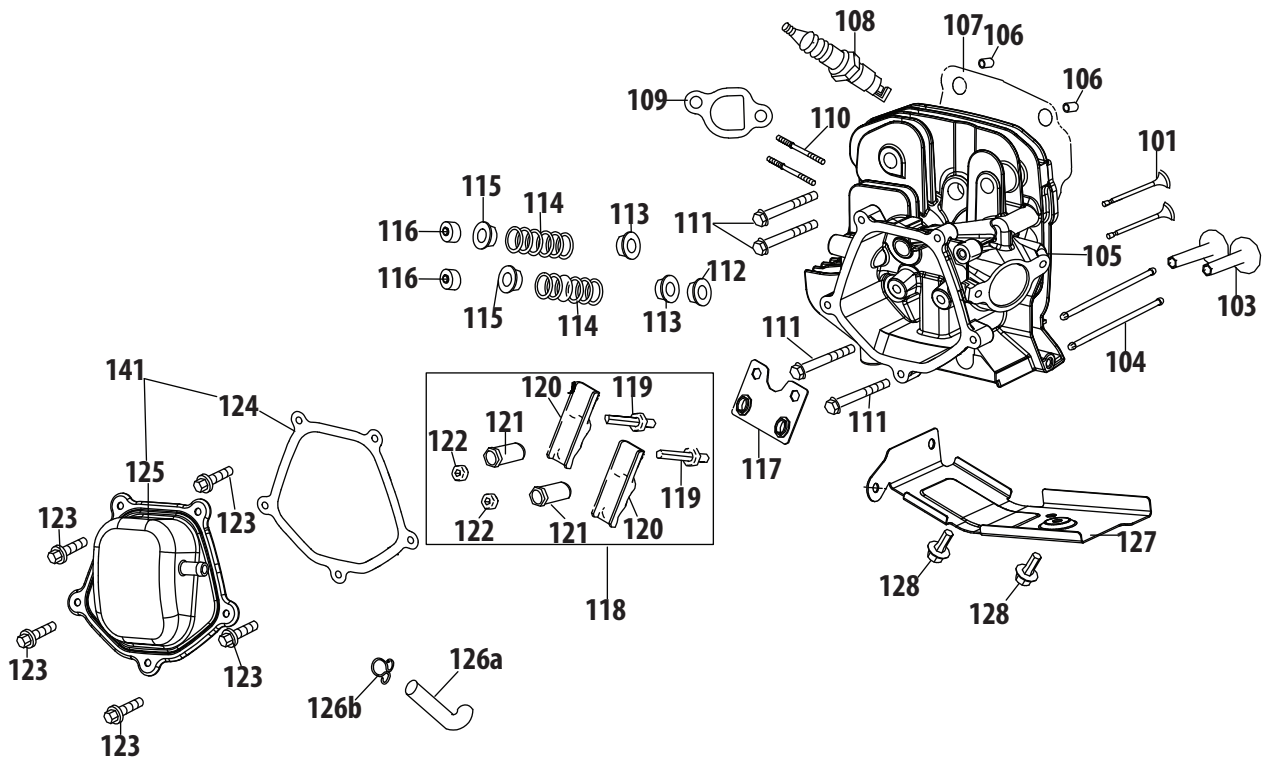
478-SUB Starting System & Blower Housing



Ref.	Part Number	Description
45	710-04965	Bolt M4×55
46	951-11196	Electric Starter
47	710-04967	Bolt M8×55
82	951-11498	Ignition Coil Assembly
83	951-11197	Ignition Coil Bolt
85	951-12553	Alternator Assembly
86	710-04969	Bolt M6×30
87	710-04966	Bolt M6×8
88	951-11186	Wire Plate
89	951-12090	Flywheel

Ref.	Part Number	Description
90	951-11217	Cooling Fan
91	951-11218	Starter Cup
92	712-04220	Nut, Special, M16×1.5
93	710-04968	Bolt M6×16
94	710-04915	Bolt M6×12
96	951-11379	Blower Housing
97	951-11208	Recoil Starter
98	736-04455	Gasket 6
99	710-04974	Bolt M6×10

478-SUB Cylinder Head



142 - Gasket Kit - Complete

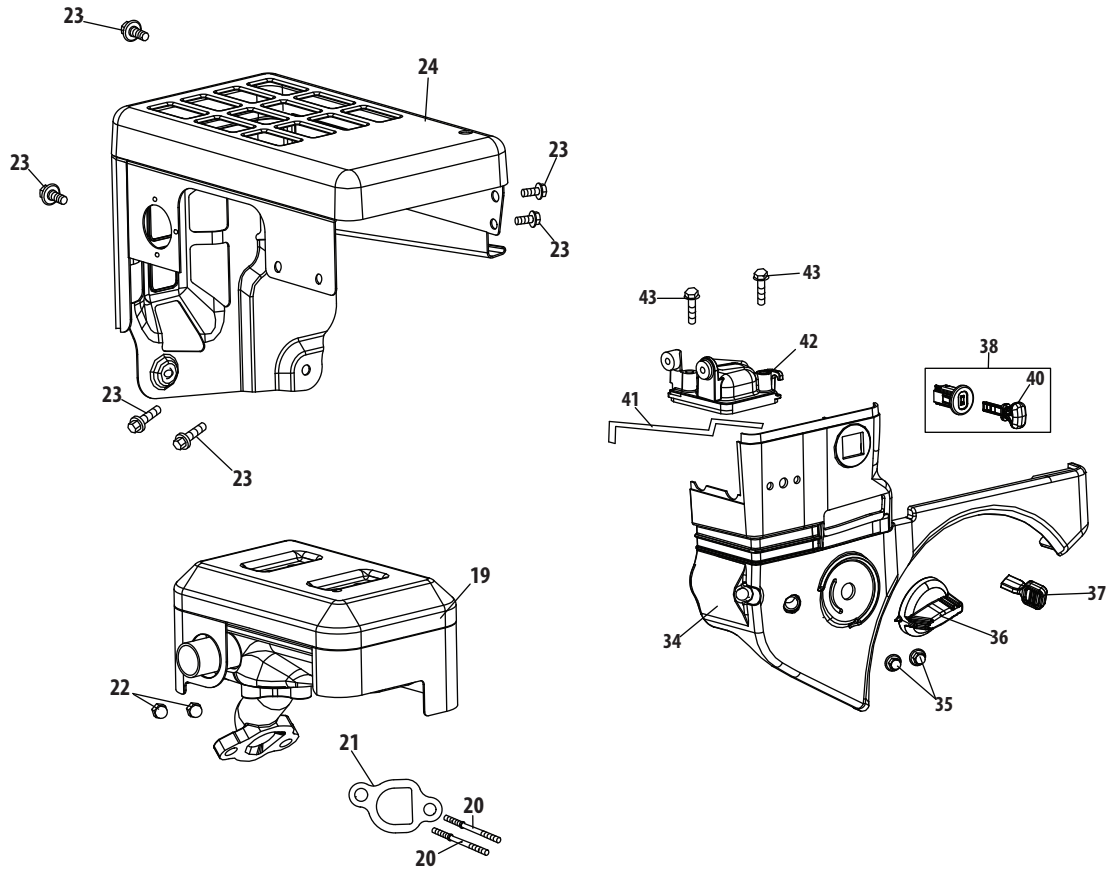
143 - Gasket Kit - External

144 - Complete Engine

478-SUB Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
101	951-11198	Valve Kit	117	951-11965	Push Rod Guide
103	951-11962	Tappet	118	951-11981	Rocker Arm Assembly
104	951-11199	Push Rod Kit	119	710-04962	Bolt, Pivot
105	951-11226	Cylinder Head Kit (Incl.107,111,112,125)	120	951-11966	Rocker Arm
	951-11188	Cylinder Head Assembly (Incl.101,102,105,107, 109-122,124,129-132)	121	751-11123	Adjusting Nut ,Valve
106	715-04097	Dowel Pin 12x20	122	751-11124	Nut, Pivot Locking
107	951-12076	Gasket, Cylinder Head	123	710-05054	Valve Cover Bolt
108	951-10292	Spark Plug/F6Rtc	124	951-11967	Valve Cover Gasket
109	951-11212	Exhaust Pipe Gasket	125	951-11220	Valve Cover
110	710-04964	Stud M8x48.5	126a	731-07059	Breather Hose
110	951-11207	Muffler Stud Assembly	126b	726-04101	Breather Hose Clamp
111	710-04965	Bolt M10x1.25x80	127	951-11180	Air Shield
112	951-11964	Valve Seal (Intake)	128	710-04915	Bolt M6x12
113	951-12077	Valve Spring Retainer(Intake)	141	951-11333	Valve Cover Kit
114	951-12078	Valve Spring	142	951-11209	Gasket Kit - Complete (Incl. 52,59,65,79,81,107, 109,124,130-132)
115	951-12080	Valve Spring Retainer	143	951-11210	Gasket Kit - External (Incl. 79,109,124,130-132)
116	951-12081	Exhaust Lash Cap	144	952Z478-SUB	Complete Engine

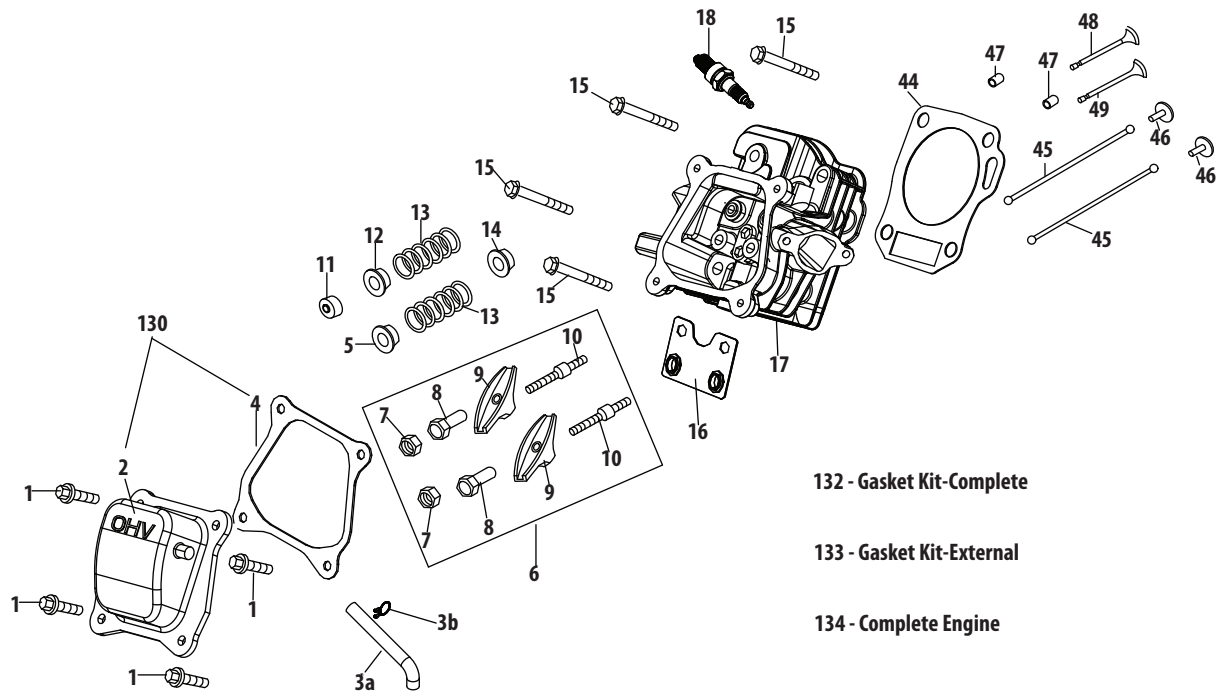
Engine Model 370-SUC Muffler & Air Housing



Ref.	Part Number	Description
19	951-11282	Muffler Assembly
20	710-05001	Stud M8×36
20	751-14190	Muffler Stud
21	951-11289	Exhaust Pipe Gasket
22	712-04214	Nut, M8
23	710-04915	Bolt M6×12
24	951-10642B	Muffler Shield
34	951-10634	Air Cleaner Housing

Ref.	Part Number	Description
35	712-04213	Nut
36	951-11284	Choke Knob
37	951-10757	Throttle Control Knob
38	951-10637	Key Switch Assembly
40	731-05632	Key
41	951-10640	Choke Linkage
42	951-10635	Heater Box
43	710-04943	Bolt M6×28

370-SUC Cylinder Head



132 - Gasket Kit-Complete

133 - Gasket Kit-External

134 - Complete Engine

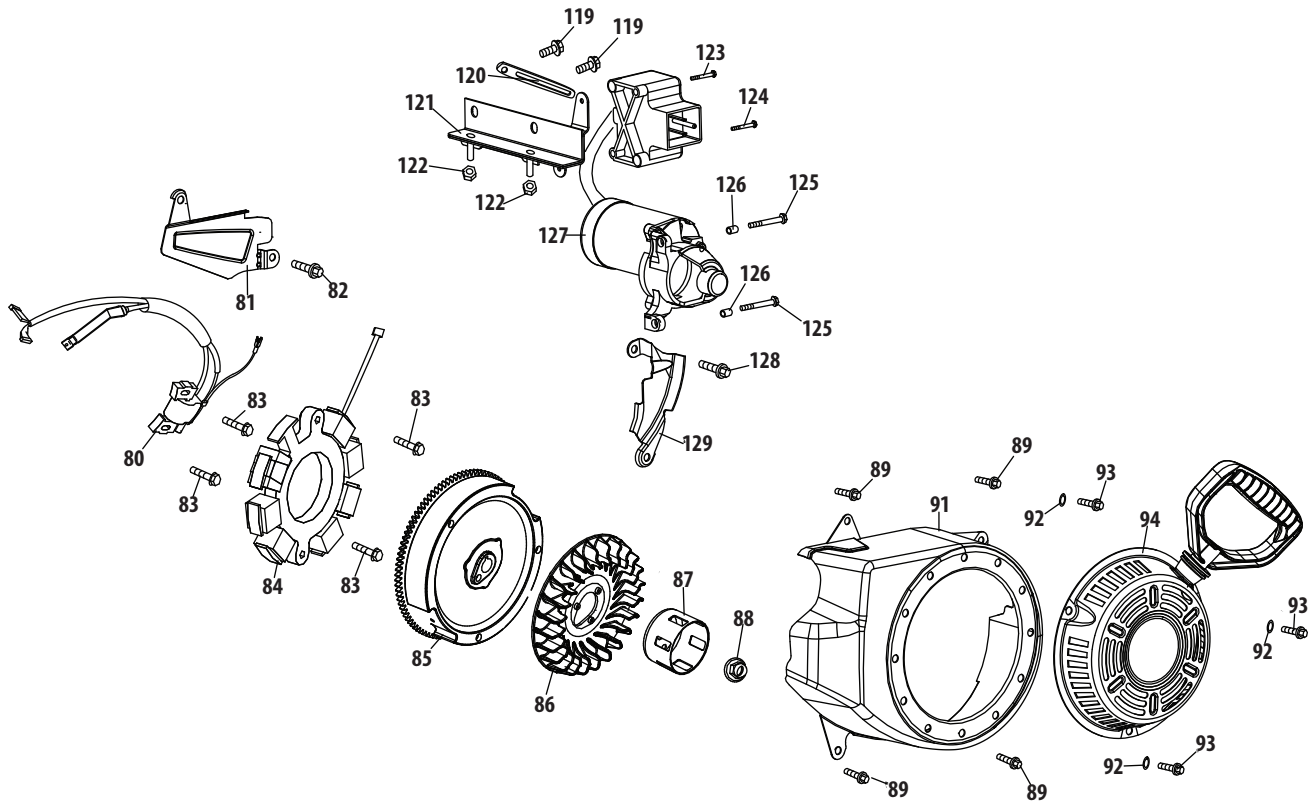
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054A	Valve Cover
3a	731-07059	Breather Hose
3b	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-12000	Valve Spring Retainer (Intake)
6	951-11892	Rocker Arm Assembly
7	751-11124	Nut, Pivot Locking
8	751-11123	Adjusting Nut ,Valve
9	951-11893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

Ref.	Part Number	Description
17	951-10722B	Cylinder Head Asm (Incl. 4,21,27-29,32,44,58, 59,68,74,77,79)
18	951-10292	Spark Plug/F6Rtc
44	951-11572	Gasket, Cylinder Head
45	951-10648	Kit-Push Rod
46	951-11899	Tappet
47	715-04108	Dowel Pin 10×16
48	951-10647A	Valve Kit
49	951-10647A	Valve Kit
130	951-12626	Valve Cover Kit
132	951-11059A	Gasket Kit-Complete (Incl. 4-14,16,17,21,27-29,44,48,49)
133	951-10661B	Gasket Kit-External (Incl. 4,21,27-29,32,77)
134	952Z370-SUC	Complete Engine

370-SUC Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
50	951-12111	Piston Ring Set	69	951-11246	Crankcase Cover Kit (Incl. 62,68-74)
51	951-11632	Piston Pin Snap Ring	70	710-04932	Bolt M8×32
52	951-12007	Piston	71	951-11283	Oil Filler Plug Assembly
53	951-11633	Piston Pin	73	951-11577	O-Ring 15.8×2.5
54	710-04915	Bolt M6×12	74	951-11368	Oil Seal, 25×41.25×6
55	951-11113	Air Shield	75	951-11249	Crankcase Kit (Incl. 59,62,74,75,79)
56	951-11573	Connecting Rod Assembly		951-11060B	Short Block Assembly (Incl. 4,21,27-29,44,46, 47,50-53,56-79)
57	751-14053	Governor Arm Shaft	76	951-11350	Oil Drain Pipe
58	736-04461	Washer 5.2×1.9	77	736-04440	Washer 10×16×1.5
59	951-11902	Governor Seal	78	710-04906	Oil Drain Plug
60	714-04078	Cotter Pin	79	951-11370	Oil Seal 25×41.25×6
61	951-11575	Camshaft Assembly	131	951-10641	Oil Drain Assembly
62	951-11369	Radial Ball Bearing, 6205	132	951-11059A	Gasket Kit-Complete (Incl. 4-14,16,17,21,27-29,44,48,49)
63	951-10307	Woodruff Key	133	951-10661B	Gasket Kit-External (Incl. 4,21,27-29,32,77)
64	951-11247A	Crankshaft Kit (Incl. 62-64,74,79)	134	952Z370-SUC	Complete Engine
65	951-11576	Governor Gear/Shaft Assembly			
66	715-04092	Dowel Pin 7×14			
67	715-04096	Dowel Pin 9×14			
68	951-11371	Crankcase Cover Gasket			
69	951-12125	Crankcase Cover			

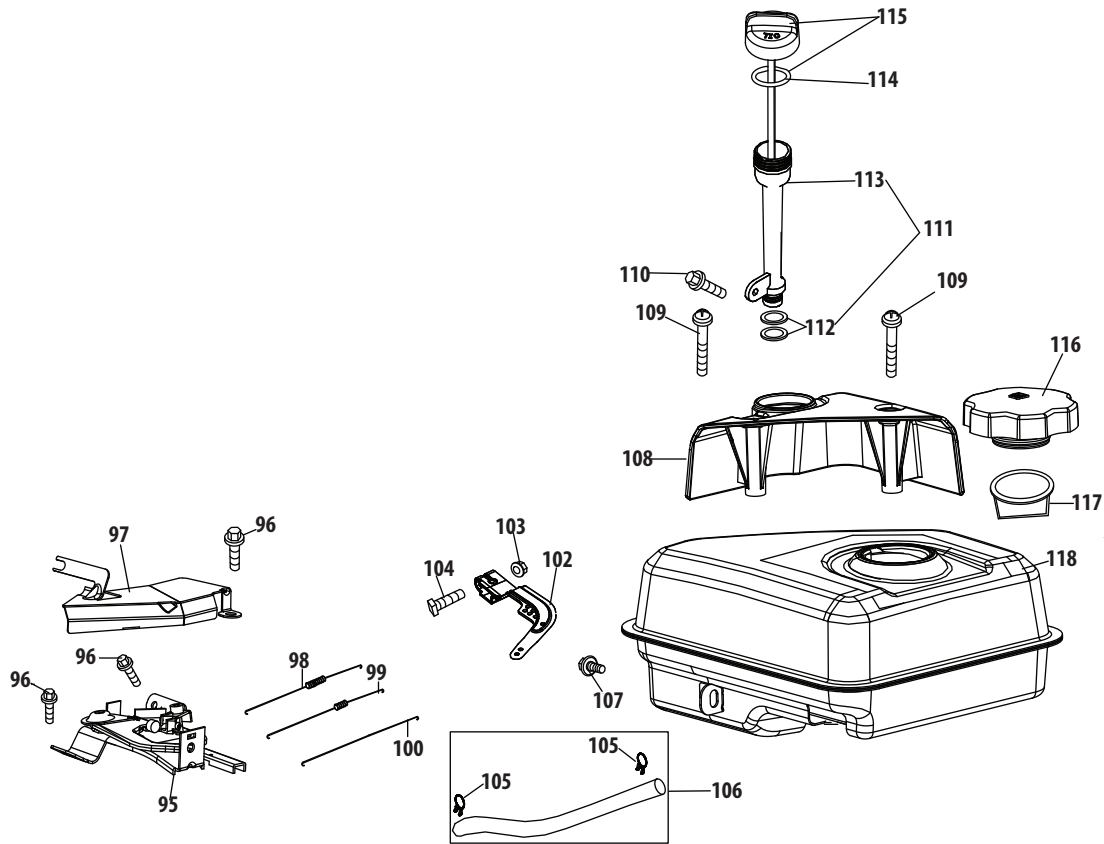
370-SUC Starter Assembly & Blower Housing



Ref.	Part Number	Description
80	951-10646	Ignition Coil Assembly
81	951-11110	Air Flow Shield
82	710-04940	Bolt M6x10
83	710-04919	Bolt M6x25
84	951-12050A	Alternator Assembly
85	951-12051	Flywheel
86	951-10934	Cooling Fan
87	951-10911	Starter Cup
88	712-04209	Flywheel Nut, M14x1.5
89	710-04915	Bolt M6x12
91	951-10663A	Blower Housing
92	736-04455	Washer 6
93	710-04974	Bolt M6x10

Ref.	Part Number	Description
94	751-14151	Recoil Starter Assembly
119	710-04914	Bolt M6x10
120	951-11680	Electric Starter Cord Retainer
121	951-11114	Switch Housing Mounting Bracket
122	712-05015	Nut, M6
123	710-04965	Bolt M4x55
124	710-04935	Bolt M4x60
125	710-05182	Bolt M6x32
126	715-04088	Dowel Pin 8x8
127	951-10645A	Electric Starter
128	710-04915	Bolt M6x12
129	951-11109	Blower Housing Shield

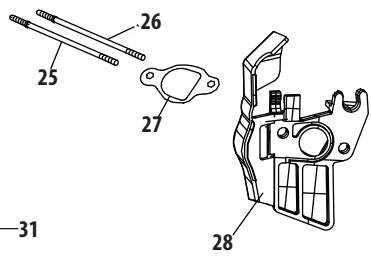
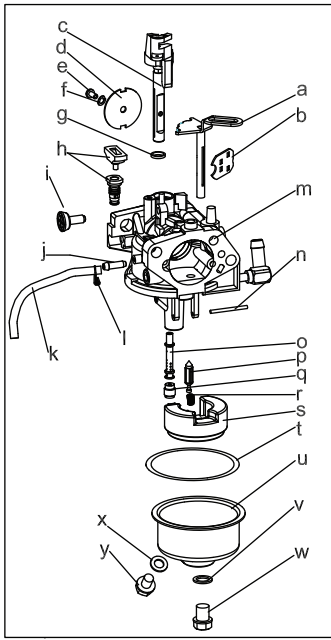
370-SUC Fuel Tank & Mounting



Ref.	Part Number	Description
95	951-10758	Throttle Bracket
96	710-05103	Bolt M6×12
97	951-11108	Governor Linkage Shield
98	951-11935	Governor Spring
99	951-10664	Throttle Linkage Spring
100	951-10665	Throttle Linkage
102	951-11106	Governor Arm
103	712-04212	Nut M6
104	710-04908	Governor Arm Bolt
105	951-11700	Fuel Hose Clamp
106	951-10650	Kit-Fuel Line
107	710-04915	Bolt M6×12

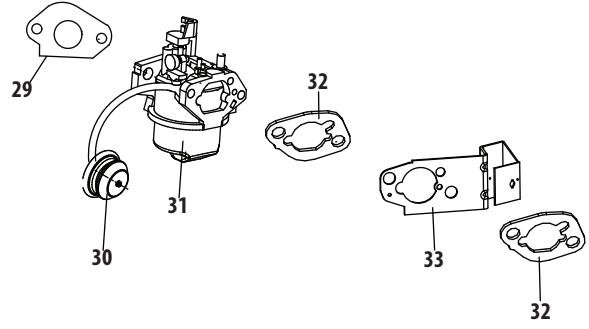
Ref.	Part Number	Description
108	951-11914	Dipstick Decoration Cover
109	710-04905	Bolt
110	710-04915	Bolt M6×12
111	951-11913	Oil Fill Tube Assembly
112	951-11904	Dipstick O-Ring
113	951-10656	Oil Fill Tube
114	951-11381	Dipstick O-Ring
115	951-12482	Dipstick Asm
116	951-12533	Fuel Cap Assembly
117	951-11933	Fuel Level Indicator
118	951-10653B	Fuel Tank Assembly

370-SUC Carburetor



135 - Carburetor Kit - Deni

136 - Carburetor Kit - Huayi

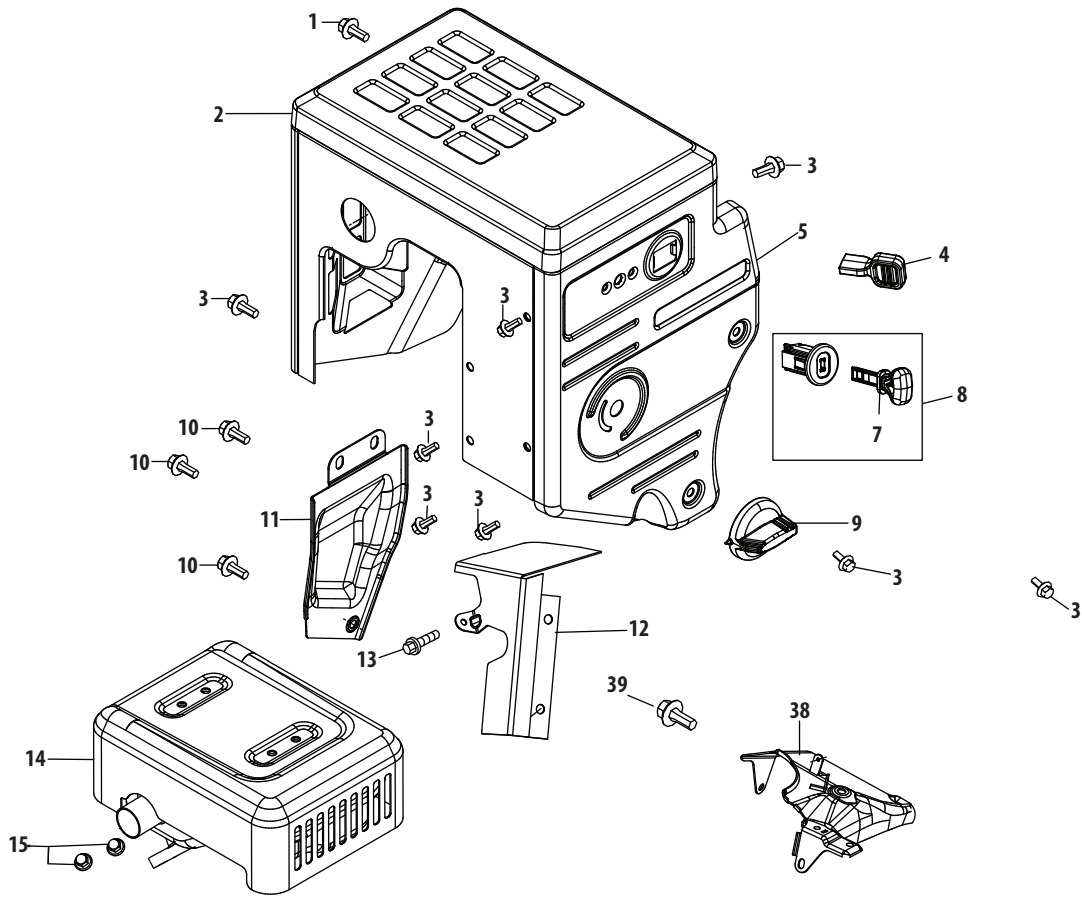


370-SUC Carburetor

Ref.	Part Number	Description
25	710-04939	Stud M6×117
26	710-04910	Stud M6×105
27	951-11567	Carburetor Insulator Gasket
28	951-11896	Carburetor Insulator
29	951-11569A	Carburetor Gasket
30	951-10639A	Primer Assembly
30	951-11824	Primer Bulb
31	951-14026A	Carburetor Assembly: - Huayi
31	951-14027A	Carburetor Assembly: - Deni
32	951-11897	Carburetor Gasket Plate
33	951-11112	Choke Control Bracket
135	951-14154	Carburetor Kit - Deni (Incl. h,n,o,p,q,r,s,t,v,x)
136	951-12788A	Carburetor Kit - Huayi (Incl. h,n,o,p,q,r,s,t,v,x)
a	n/a	Choke Shaft
b	n/a	Choke Plate
c	n/a	Throttle Shaft
d	n/a	Throttle Plate
e	710-05469	Screw M3×6
f	736-04638	Lock Washer

Ref.	Part Number	Description
g	n/a	Gasket, Throttle Plate
h	n/a	Idle Jet Assembly (0.45)
i	n/a	Idle Speed Adjusting Screw
j	n/a	Mixture Screw
k	951-11699	Primer Hose
l	951-11906	Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube (P19-010)
p	951-12875	Needle Valve - Huayi
p	751-14049	Needle Valve - Deni
q	n/a	Main Jet (#74)
r	n/a	Needle Valve Spring
s	n/a	Float
t	951-11589	Fuel Bowl O-Ring
u	n/a	Fuel Bowl
v	951-11348	Fuel Bowl Mounting Bolt Gasket
w	710-04938	Fuel Bowl Mounting Bolt
x	951-11349	Fuel Drain Bolt Gasket
y	710-04945	Fuel Drain Bolt

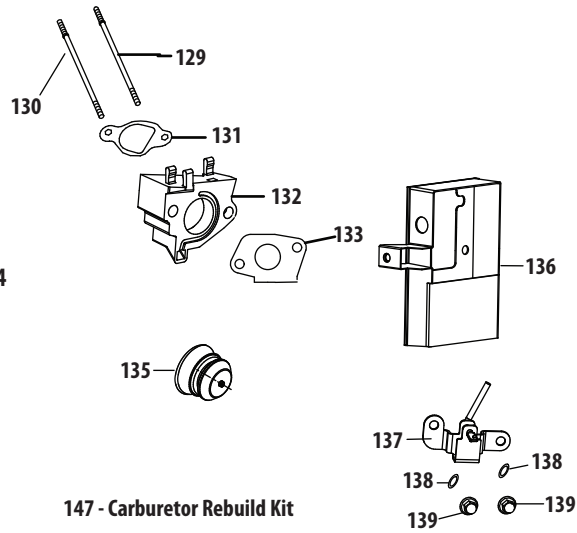
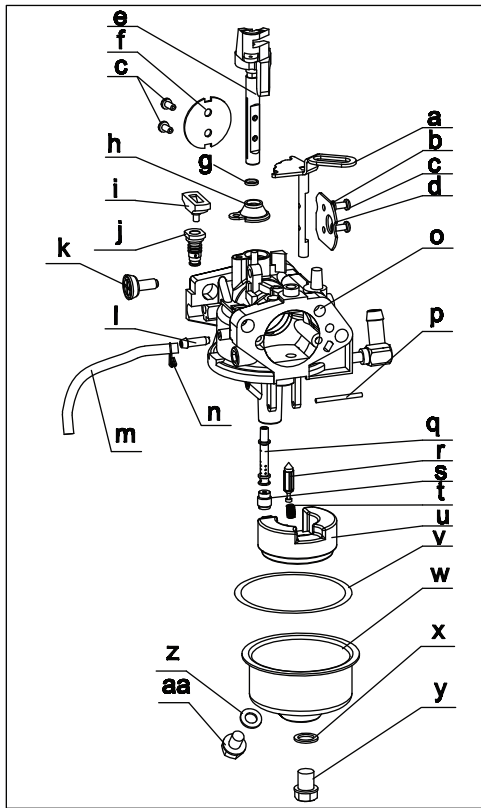
Engine Model 483-SUB Muffler & Controls



Ref.	Part Number	Description
1	710-04915	Bolt M6×12
2	951-11339	Muffler Shield
3	710-04915	Bolt M6×12
4	951-10757	Throttle Control Knob
5	951-11595	Control Panel
7	731-05632	Key
8	951-10637	Key Switch Assembly
9	951-11302	Choke Knob

Ref.	Part Number	Description
10	710-04914	Bolt M6×10
11	951-11181	Exhaust Pipe Shield
12	951-11321	Carburetor Heat Shield
13	710-04968	Bolt M6×16
14	951-11338	Muffler Assembly
15	712-05015	Nut, M8
38	951-11311	Throttle Control Assembly
39	710-04915	Bolt M6×12

483-SUB Carburetor

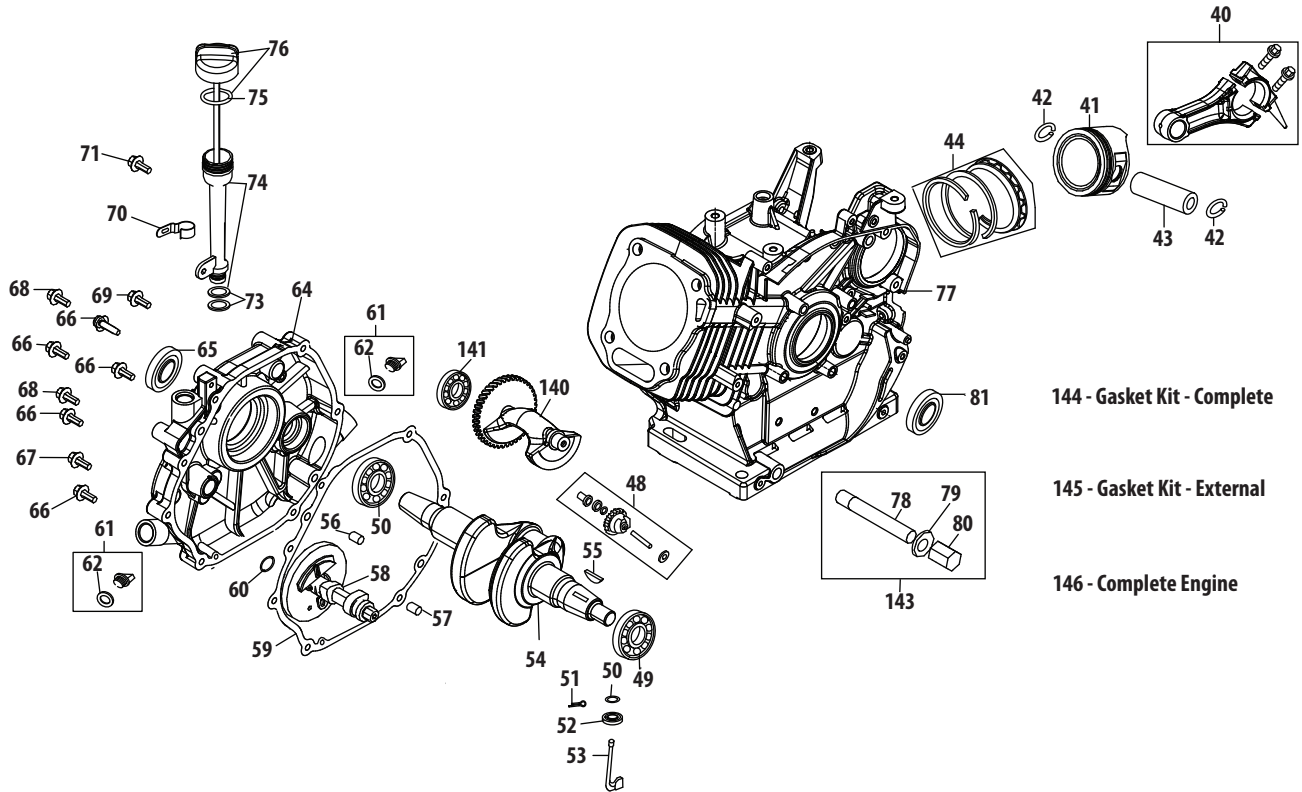


147 - Carburetor Rebuild Kit

Ref.	Part Number	Description
129	710-05392	Stud M6-8x100
130	710-05056	Stud M6-8x118
131	951-11315	Carburetor Intake Gasket
132	951-11316	Carburetor Insulator
133	951-11223	Carburetor Gasket
134	951-14023A	Carburetor Assembly
135	951-10639A	Primer Assembly
135	951-11824	Primer Bulb
136	951-11304	Heater Box
137	951-11192	Choke Assembly
138	736-04477	Lock Washer
139	712-05015	Nut M6
147	951-12760A	Carburetor Rebuild Kit (Inc. i,j,p,q,r,s,t,u,v,x,z)
a	n/a	Choke Shaft
b	736-04638	Choke Control Lever Washer
c	710-05469	Fuel Shutoff Lever Screw
d	n/a	Choke Plate
e	n/a	Throttle Shaft
f	n/a	Throttle Plate
g	n/a	Gasket

Ref.	Part Number	Description
h	n/a	Throttle Shaft Cover
i	n/a	Idle Jet Rivet
j	n/a	Idle Jet Assembly
k	n/a	Idle Speed Adjusting Screw
l	n/a	Primer Pipe
m	751-11991	Primer Hose
n	951-11906	Primer Hose Clamp
o	n/a	Carburetor Body
p	n/a	Float Pin
q	n/a	Emulsion Tube
r	n/a	Nickel Plated Brass Needle Valve
s	n/a	Main Jet
t	n/a	Needle Valve Spring
u	n/a	Float
v	951-11970	Fuel Bowl Gasket
w	n/a	Fuel Bowl
x	951-11348	Fuel Bowl Gasket
y	710-04945	Fuel Bowl Mounting Bolt
z	951-11349	Fuel Drain Plug Gasket
aa	710-04938	Fuel Drain Plug

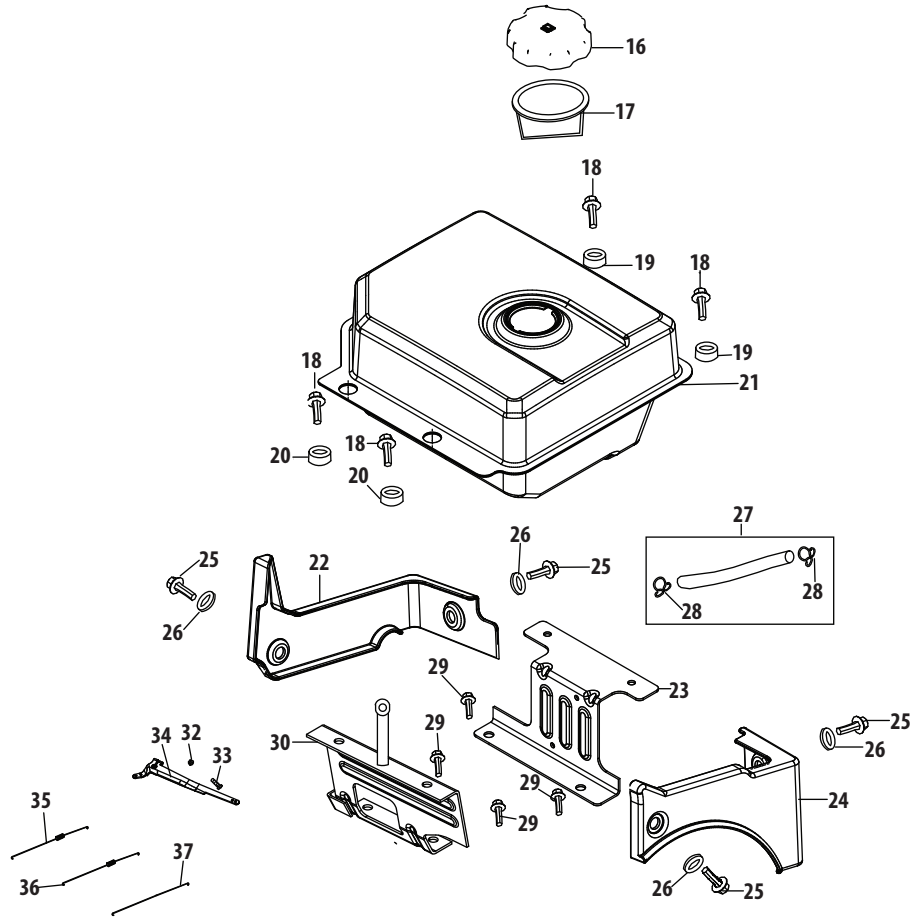
483-SUB Crankcase



483-SUB Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
40	951-11951	Connecting Rod Assembly	68	710-06063	Bolt M8×35
41	951-11952	Piston	69	710-04968	Bolt M6×16
42	951-11953	Piston Pin Snap Ring	70	951-11320	Oil Tube Support Bracket
43	951-11954	Piston Pin	71	710-05349	Bolt M6×8
44	951-12579	Piston Ring Set	73	951-11381	Oil Fill Tube O-Ring
48	951-11956	Governor Gear/Shaft Assembly	74	951-12073	Oil Fill Tube Assembly
49	951-11373	Radial Ball Bearing	75	951-11904	Dipstick O-Ring
50	736-04453	Flat Washer	76	951-11971A	Dipstick Assembly
51	714-04077	Governor Shaft Clip	77	951-11341A	Crankcase Kit
52	951-11958	Governor Seal			(Inc.49,52,77,81)
53	951-11365	Governor Arm Shaft		951-11328B	Short Block Assembly
54	951-11342	Crankshaft Kit			(Inc.40-44,48-68,77-81, 102,105,106,108,110,111, 125,131,132,140,141)
55	951-10307	Woodruff Key	78	951-11350	Oil Drain Pipe
56	715-04102	Dowel Pin 9 X 12	79	736-04440	Drain Pipe Washer 10X16X1.5
57	715-04092	Dowel Pin 7 X 14	80	710-04906	Oil Drain Plug Bolt
58	951-11959	Camshaft Assembly	81	951-11499	Oil Seal
59	951-11376	Crankcase Cover Gasket	140	951-11968	Balance Gear Assembly
60	736-04545	Washer	141	951-11969	Bearing
61	951-11345	Oil Fill Plug Assembly	143	951-10641	Oil Drain Asm
62	951-11577	O-Ring	144	951-11330A	Gasket Kit - Complete
64	951-14220	Crankcase Cover			(Inc.52,59,65,79,81,106, 108,125,131-133)
	951-11340	Crankcase Cover Kit			
		(Inc.49,59,60,64-68)	145	951-11331	Gasket Kit - External
65	951-11375	Oil Seal			(Inc.79,108,125,131-133)
66	710-06061	Bolt M8×38	146	952Z483-SUB	Complete Engine
67	710-06062	Bolt M8×45			

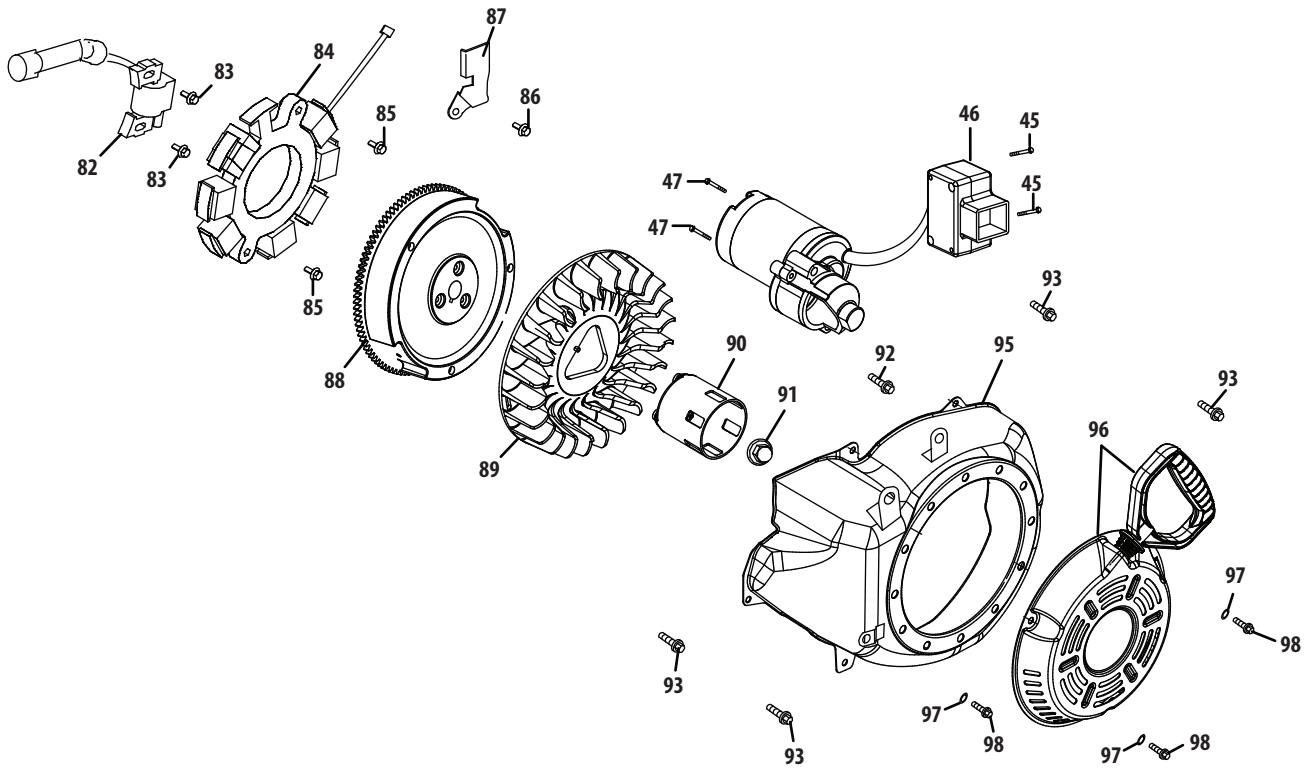
483-SUB Fuel Tank & Mounting



Ref.	Part Number	Description
16	951-12533	Fuel Cap Assembly
17	951-11933	Fuel Level Indicator
18	710-04970	Bolt M8×20
19	750-05312	Bushing, Slot
20	750-05313	Bushing, Rnd
21	951-11201	Fuel Tank Assembly
22	951-11319	Fuel Tank Shroud
23	951-11318	Fuel Tank Mounting Bracket
24	951-11351	Engine Shroud
25	710-04968	Bolt M6×16
26	736-04452	Bush

Ref.	Part Number	Description
27	951-11336	Fuel Line Kit
28	951-11700	Fuel Hose Clamp
29	710-04921	Bolt M8×14
30	951-11182	Fuel Tank Mounting Bracket
32	712-04212	Flange Nut M6
33	710-04908	Governor Arm Bolt M6X21
34	951-11307	Governor Arm
35	951-11306	Governor Spring
36	951-11203	Throttle Return Spring
37	951-11309	Governor Rod

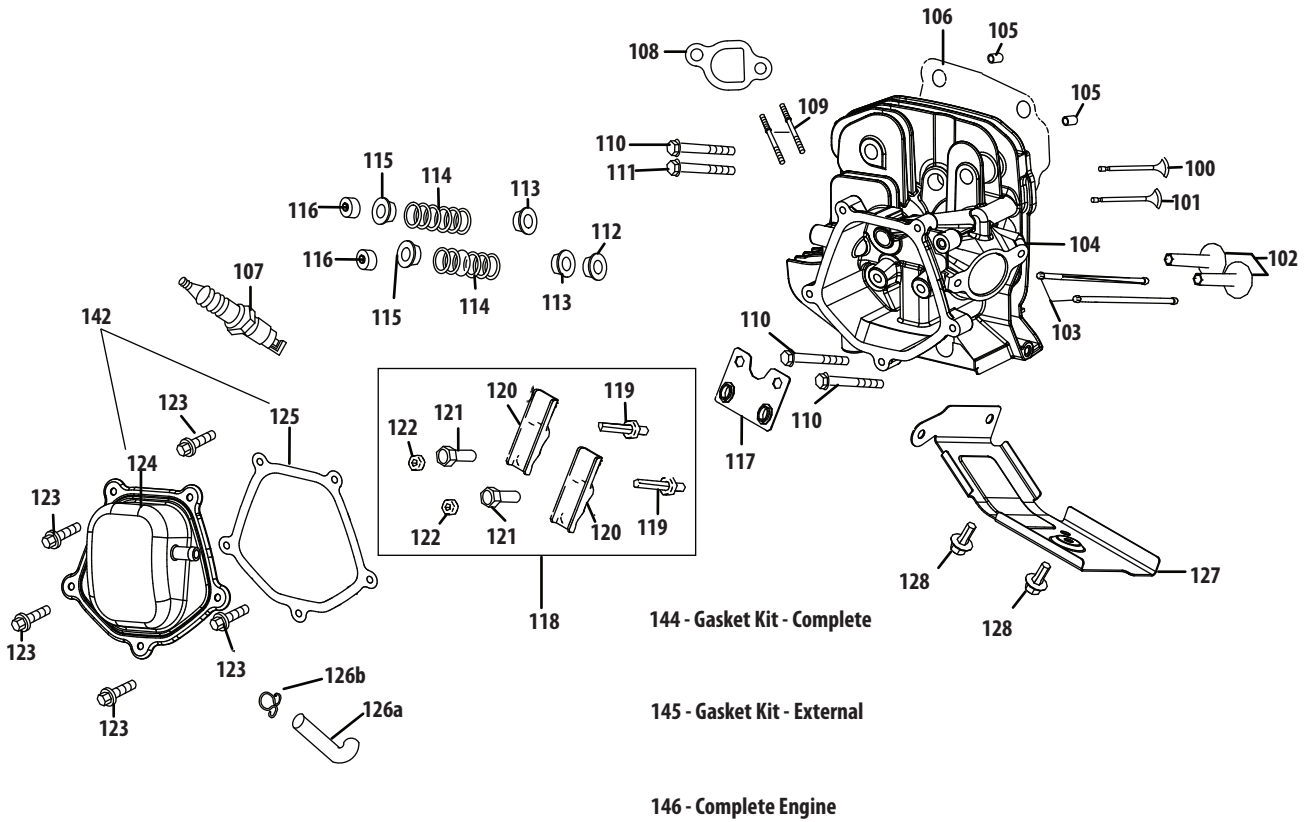
483-SUB Starter Assembly & Blower Housing



Ref.	Part Number	Description
45	710-04965	Screw M4 X 55
46	951-11196	Electric Starter
47	710-04967	Bolt M8x55
82	951-11305	Ignition Coil Assembly
83	710-05350	Ignition Coil Bolt
84	951-12553	Alternator Assembly
85	710-04969	Bolt M6x30
86	710-04966	Bolt M6x8
87	951-11186	Alternator Wire Clamp Bracket
88	951-12556	Flywheel

Ref.	Part Number	Description
89	951-11313	Cooling Fan
90	951-11314	Starter Cup
91	712-04220	Flywheel Nut, M14x1.5
92	710-04968	Bolt M6x16
93	710-04915	Bolt M6x12
95	951-11211	Blower Housing
96	951-14223	Recoil Starter Assembly
97	736-04455	Flat Washer
98	710-04974	Bolt M6x10

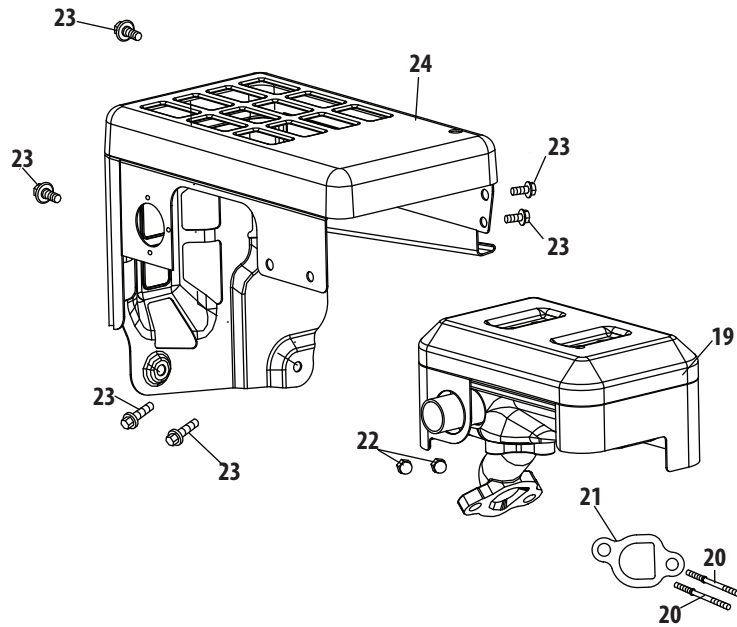
483-SUB Cylinder Head



483-SUB Cylinder Head

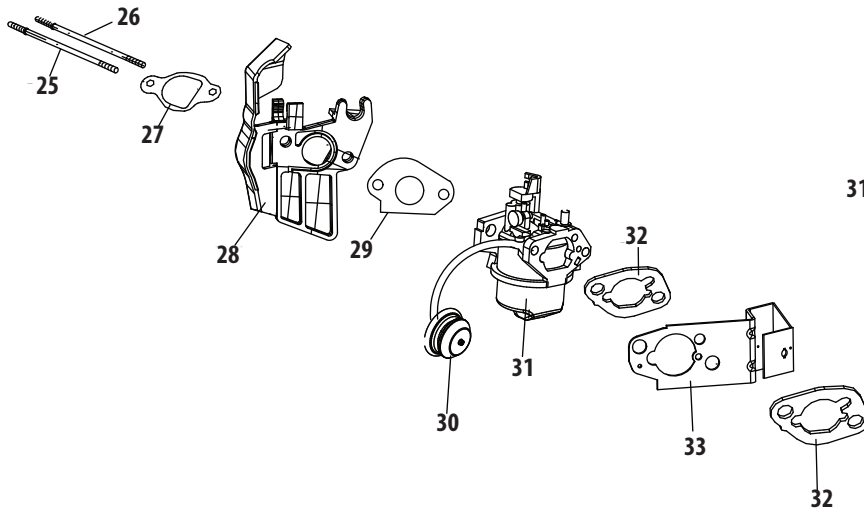
Ref.	Part Number	Description	Ref.	Part Number	Description
100	951-11337	Valve Kit	116	951-12081	Exhaust Lash Cap
101	951-11337	Valve Kit	117	951-11965	Push Rod Guide
102	951-11962	Tappet	118	951-11981	Rocker Arm Assembly
103	951-11335	Push Rod Kit	119	710-04962	Bolt, Pivot
104	951-12555	Cylinder Head Kit (Inc.106,110-112,125)	120	951-11966	Rocker Arm
	951-11329B	Cylinder Head Assembly (Inc.100,101,104,106,108-112, 114-122,125,129-133)	121	751-11123	Adjusting Nut ,Valve
105	715-04097	Dowel Pin	122	751-11124	Pivot Locking Nut
106	951-11963	Cylinder Head Gasket	123	710-05054	Valve Cover Bolt
107	951-10292	Spark Plug/F6Rtc	124	951-11220	Valve Cover
108	951-11212	Muffler Gasket	125	951-11967	Valve Cover Gasket
109	710-04964	Exhaust Stud M8×48.5	126a	951-11221	Breather Hose
109	951-11207	Muffler Stud Assembly	126b	726-04101	Breather Hose Clamp
110	710-06064	Bolt M10×1.25×87	127	951-11317	Cylinder Baffle
111	710-06065	Bolt M10×1.25×65	128	710-04915	Bolt M6×12
112	951-11964	Intake Valve Seal	142	951-11333	Valve Cover Kit
113	951-12077	Intake Valve Spring Retainer	144	951-11330A	Gasket Kit - Complete (Inc.52,59,65,79,81,106, 108,125,131-133)
114	951-12078	Valve Spring	145	951-11331	Gasket Kit - External (Inc.79,108,125,131-133)
115	951-12080	Exhaust Valve Spring Retainer	146	952Z483-SUB	Complete Engine

Engine Model 170-SU Muffler

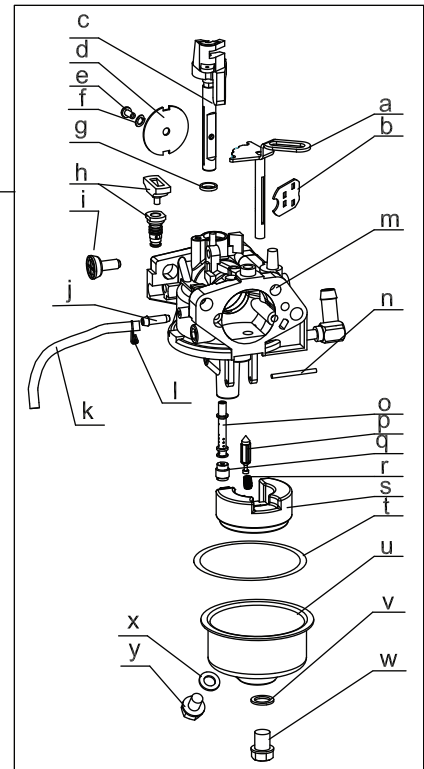


Ref.	Part Number	Description
19	951-11282	Muffler Assembly
20	710-05001	Stud M8×36
20	951-14190	Muffler Stud Kit
21	951-11289	Exhaust Pipe Gasket
22	712-04214	Nut, M8
23	710-04915	Bolt M6×12
24	951-10642B	Muffler Shield

170-SU Carburetor



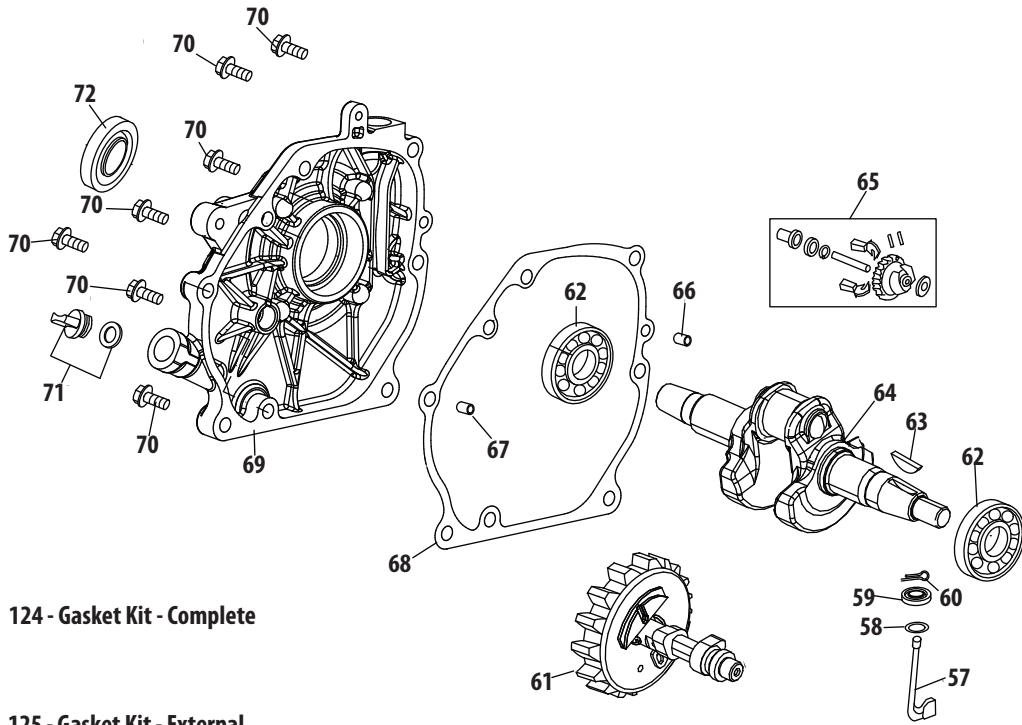
127 - Carburetor Kit



Ref.	Part Number	Description
25	710-04939	Stud M6×117
26	710-04910	Stud M6×105
27	951-11567	Carburetor Insulator Gasket
28	951-11896	Carburetor Insulator
29	951-11569A	Carburetor Gasket
30	951-10639A	Primer Assembly
30	951-11824	Primer Bulb
31	951-14026A	Carburetor Assembly (Hy-170Sa)
31	951-14027A	Carburetor Assembly (Dn-170Sa)
32	951-11897	Carburetor Gasket Plate
33	951-11112	Choke Control
127	951-12788A	Carburetor Kit - Huayi (Incl. h,n,o,p,q,r,s,t,u,x)
127	951-14154	Carburetor Kit - Deni (Incl. h,n,o,p,q,r,s,t,u,x)
a	n/a	Choke Shaft
b	n/a	Choke Plate
c	n/a	Throttle Shaft
d	n/a	Throttle Plate
e	710-05469	Screw M3×6

Ref.	Part Number	Description
f	736-04638	Lock Washer
g	n/a	Gasket, Throttle Plate
h	n/a	Idle Jet Assembly
i	n/a	Idle Speed Adjusting Screw
j	951-11699	Mixture Screw
k	951-11906	Primer Hose
l	n/a	Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube
p	n/a	Needle Valve
q	n/a	Main Jet
r	n/a	Needle Valve Spring
s	951-11589	Float
t	n/a	Fuel Bowl Gasket
u	951-11348	Fuel Bowl
v	710-04938	Fuel Bowl Gasket
w	951-11349	Fuel Bowl Mounting Bolt
x	710-04945	Fuel Drain Plug Gasket
y	n/a	Fuel Drain Plug

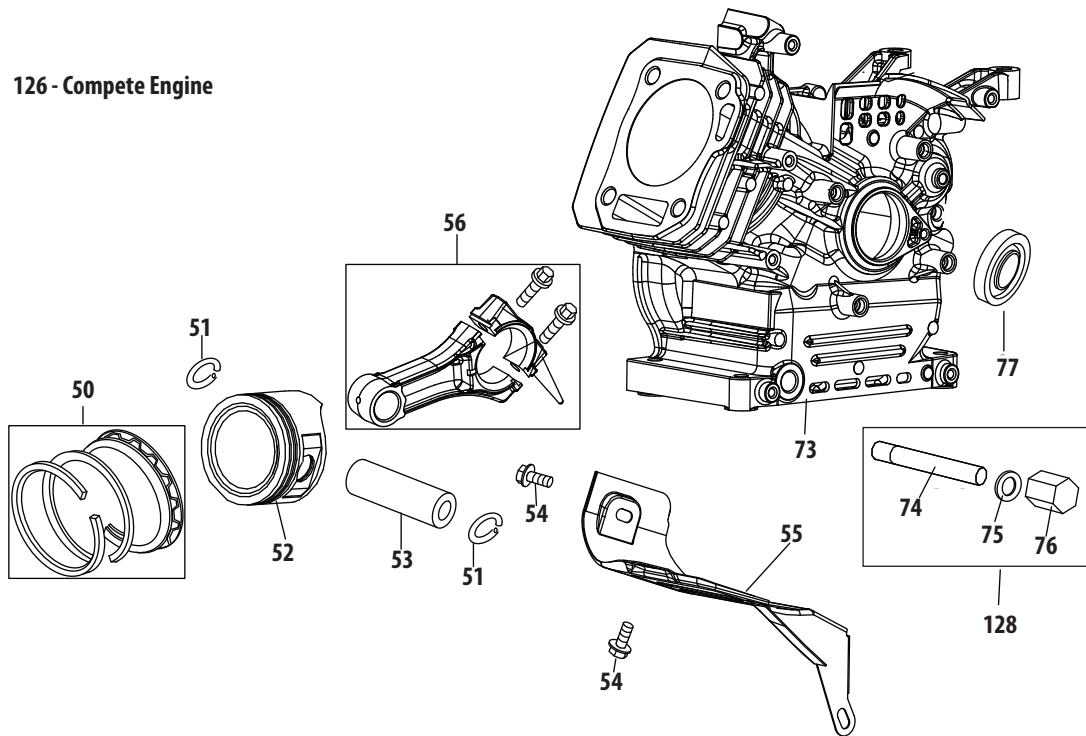
170-SU Crankcase



124 - Gasket Kit - Complete

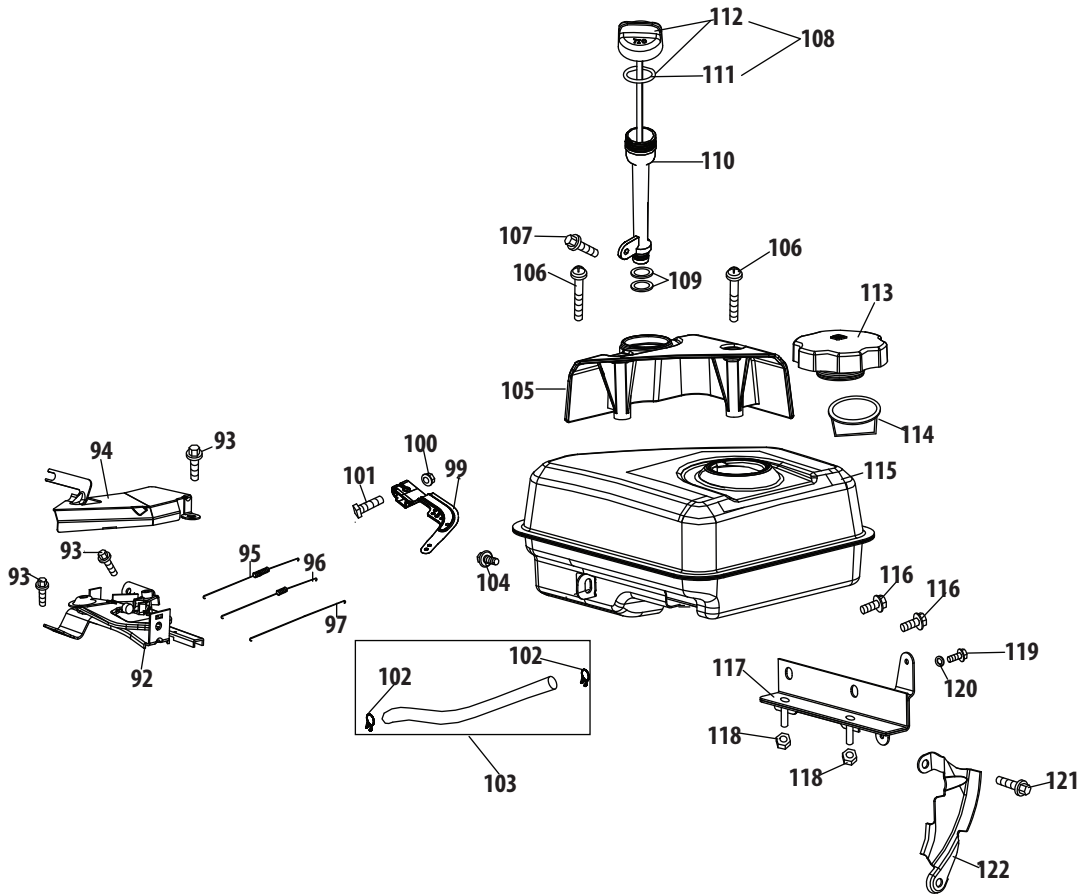
125 - Gasket Kit - External

126 - Complete Engine



Ref.	Part Number	Description	Ref.	Part Number	Description
50	951-12111	Piston Ring Set	70	710-04932	Bolt M8×32
51	951-11632	Piston Pin Snap Ring	71	951-11283	Oil Fill Plug Assembly
52	951-12007	Piston	71	951-11577	O-Ring Only
53	951-11633	Piston Pin	72	951-11368	Oil Seal, 25×41.25×6
54	710-04915	Bolt M6×12	73	951-11060B	Short Block Assembly (Incl.4,21,27,28,29,44,46,47, 50-53,56-77)
55	951-11113	Air Shield		951-11249	Crankcase Kit (Incl.59,62,71,73,77)
56	951-11573	Connecting Rod Assembly	74	951-11350	Oil Drain Pipe
57	951-14053	Governor Arm Shaft	75	736-04440	Washer 10×16×1.5
58	736-04461	Washer 5.2×1.9	76	710-04906	Oil Drain Plug
59	951-11902	Governor Seal	77	951-11370	Oil Seal 25×41.25×6
60	714-04078	Cotter Pin	124	951-11059A	Gasket Kit - Complete (Incl.4,21,27,28,29,32,44,58, 59,68,71,75,77)
61	951-11575	Camshaft Assembly	125	951-10661B	Gasket Kit - External (Incl.4,21,27-29,32,75)
62	951-11369	Radial Ball Bearing, 6205	126	952Z170-SU	Complete Engine
63	951-10307	Key, Flywheel	128	951-10641	Oil Drain Assembly
64	951-11247A	Crankshaft Kit (Incl.62-64,72,77)			
65	951-11576	Governor Gear/Shaft Assembly			
66	715-04092	Dowel Pin 7×14			
67	715-04096	Dowel Pin 9×14			
68	951-11371	Crankcase Cover Gasket			
69	951-12125	Crankcase Cover			
	951-14142	Crankcase Cover (Incl.62,68-72)			

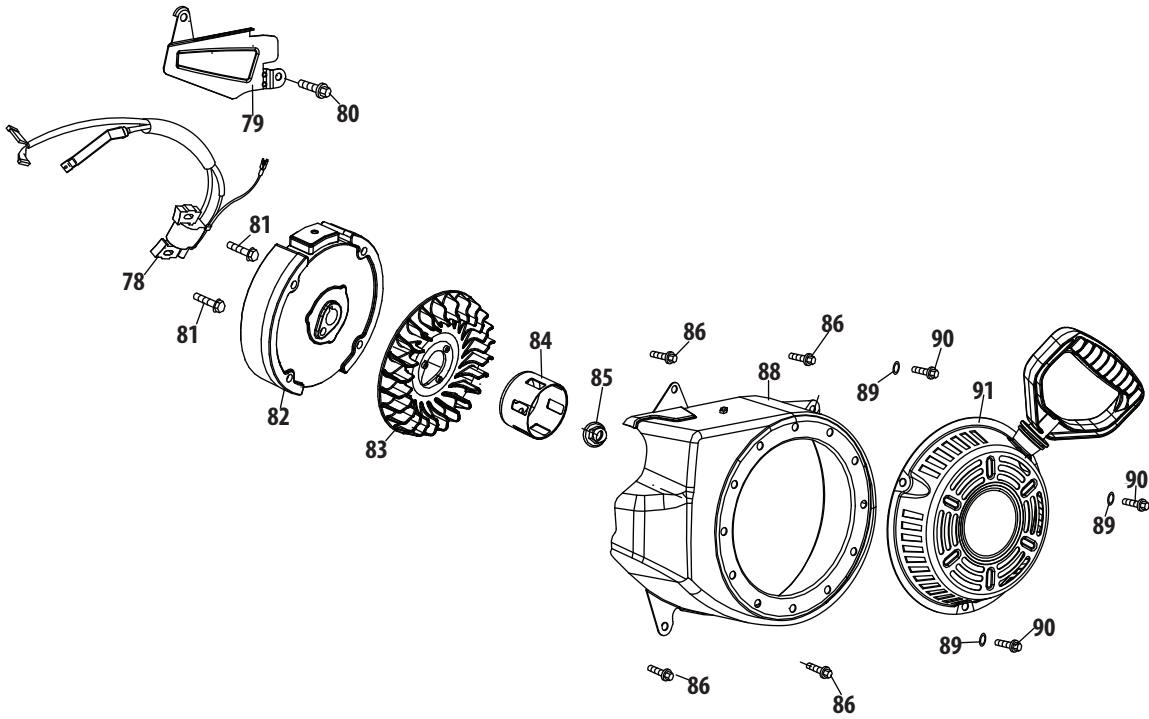
170-SU Fuel Tank & Mounting



Ref.	Part Number	Description
92	951-10758	Throttle Bracket
93	710-05103	Bolt M6×12
94	951-11108	Governor Linkage Shield
95	951-11935	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	951-11700	Fuel Hose Clamp
103	951-10650	Fuel Line Kit
104	710-04915	Bolt M6×12
105	951-11914	Dipstick Decoration Cover
106	710-04905	Bolt
107	710-04915	Bolt M6×12

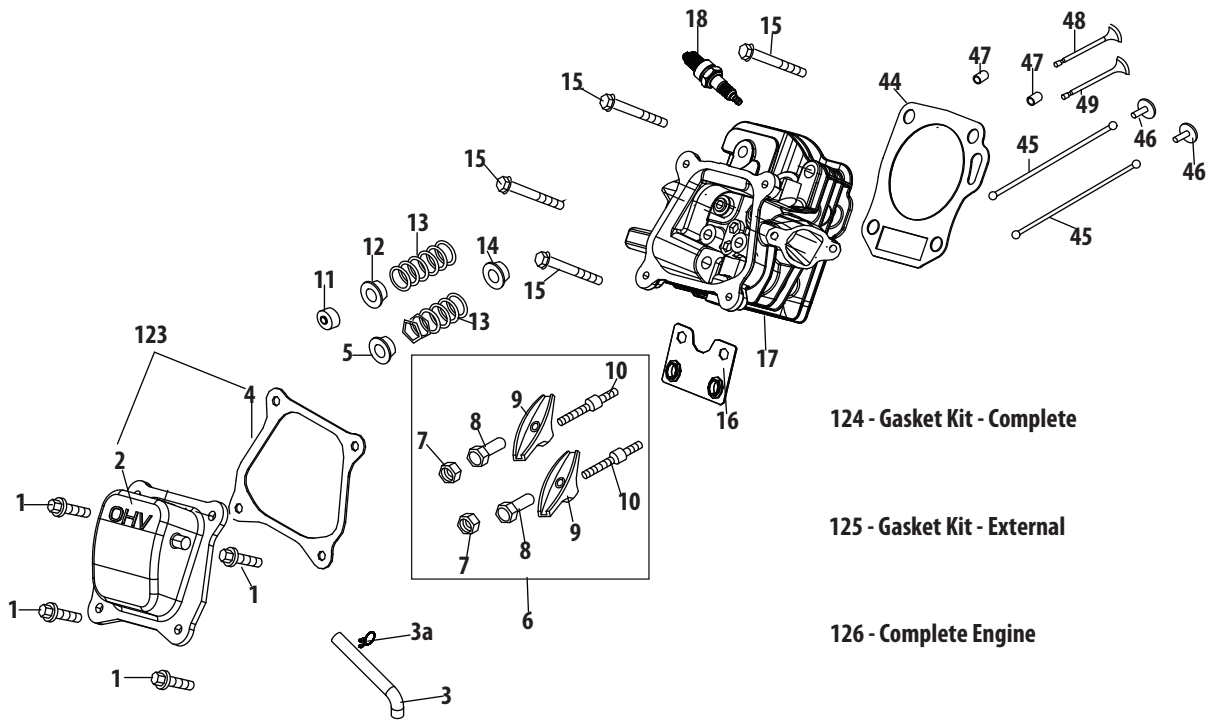
Ref.	Part Number	Description
108	951-12482	Dipstick Assembly
109	951-11381	O-Ring
110	951-11913	Oil Fill Tube Assembly
111	951-11904	Dipstick O-Ring
112	951-10656	Dipstick Tube
113	951-12533	Fuel Cap Assembly
114	951-11933	Fuel Level Indicator
115	951-10653B	Fuel Tank Assembly
116	710-04914	Bolt M6×10
117	951-11114	Switch Housing Mounting Bracket
118	712-05015	Nut, M6
119	710-05197	Bolt M4×10
120	736-04526	Washer 4
121	710-04915	Bolt M6×20
122	951-14138	Blower Housing Shield

170-SU Flywheel & Blower Housing



Ref.	Part Number	Description
78	951-10646	Ignition Coil Assembly
79	951-11110	Air Flow Shield
80	710-04940	Bolt M6x10
81	710-04919	Bolt M6x25
82	951-10805	Flywheel
83	951-10934	Cooling Fan
84	951-10911	Starter Cup
85	712-04209	Flywheel Nut, M14x1.5
86	710-04915	Bolt M6x12
88	951-10663A	Blower Housing
89	736-04455	Washer 6
90	710-04974	Bolt M6x10
91	951-14151	Recoil Starter Assembly

170-SU Cylinder Head

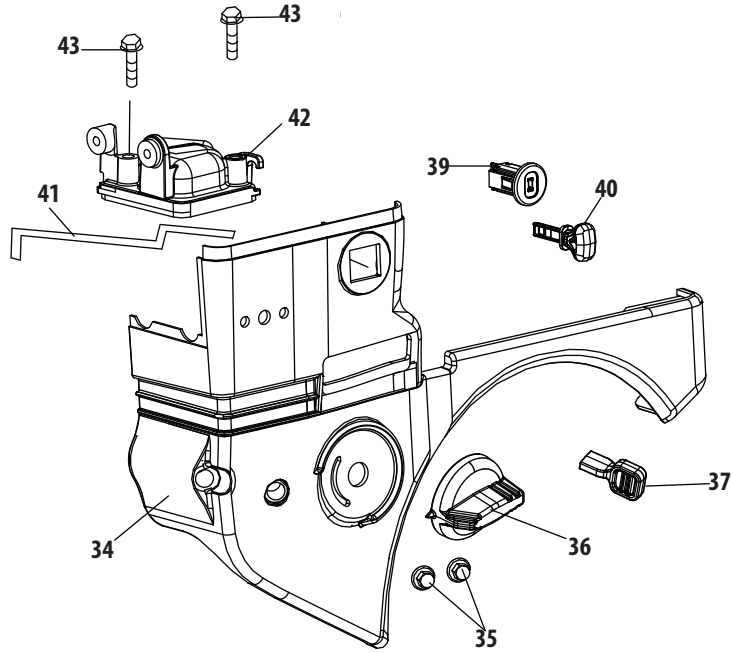


170-SU Cylinder Head

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	951-12000	Valve Spring Retainer (Intake)
6	951-11892	Rocker Arm Assembly
7	751-11124	Nut, Pivot Locking
8	751-11123	Adjusting Nut ,Valve
9	951-11893	Rocker Arm
10	710-04902	Bolt, Pivot
11	951-12002	Exhaust Lash Cap
12	951-12003	Valve Spring Retainer (Exhaust)
13	951-12004	Valve Spring
14	951-11894	Valve Seal (Intake)
15	710-04933	Bolt M8×55
16	951-11895	Push Rod Guide

Ref.	Part Number	Description
17	951-10722B	Cylinder Head Assembly (Incl.4-14,16,17,21,27-29, 44,48,49)
18	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
123	951-12626	Valve Cover Kit
124	951-11059A	Gasket Kit - Complete (Incl.4,21,27,28,29,32,44,58, 59,68,71,75,77,)
125	951-10661B	Gasket Kit - External (Incl.4,21,27-29,32,75)
126	952Z170-SU	Complete Engine

170-SU Engine Shroud



Ref.	Part Number	Description
34	951-10634	Air Cleaner Housing
35	712-04213	Nut
36	951-11284	Choke Knob
37	951-10757	Throttle Control Knob
39	951-10637	Engine Switch Base
40	731-05632	Key
41	951-10640	Choke Linkage
42	951-10635	Heater Box
43	710-04943	Bolt M6×28



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