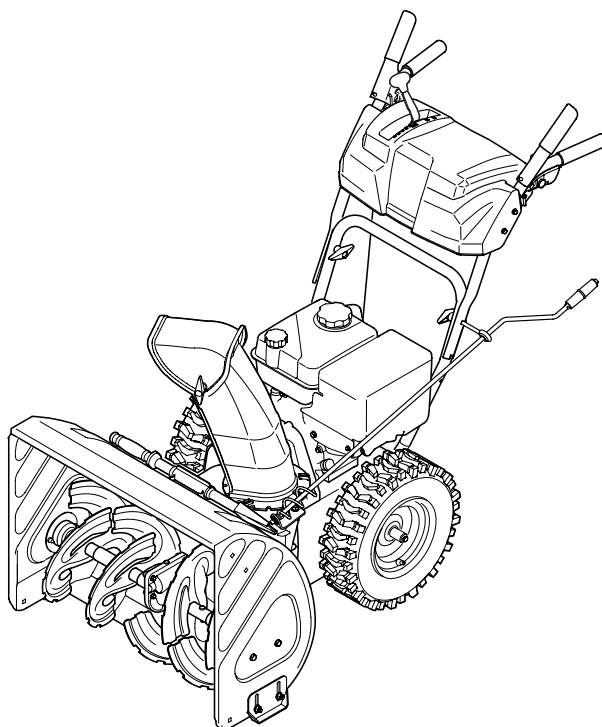




ILLUSTRATED PARTS MANUAL



**Two Stage Snow Throwers — Storm 2410, 2420,
Storm 2620, 2625 & Storm 2840**

TROY-BILT 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.

Table of Contents

N/P/Q-Style Panel.....	4	Engine Model 265-SUA	16
Auger & Auger Housing.....	6	Engine Model 478-SUB.....	26
2-Way & 4-Way Extended Chute.....	8	Engine Model 370-SUC	34
Standard 2-Way Chute.....	10	Engine Model 375-SU	42
Drive System	12	Engine Model 478-SUC	50

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

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

SERIAL NUMBER

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

Painted Parts

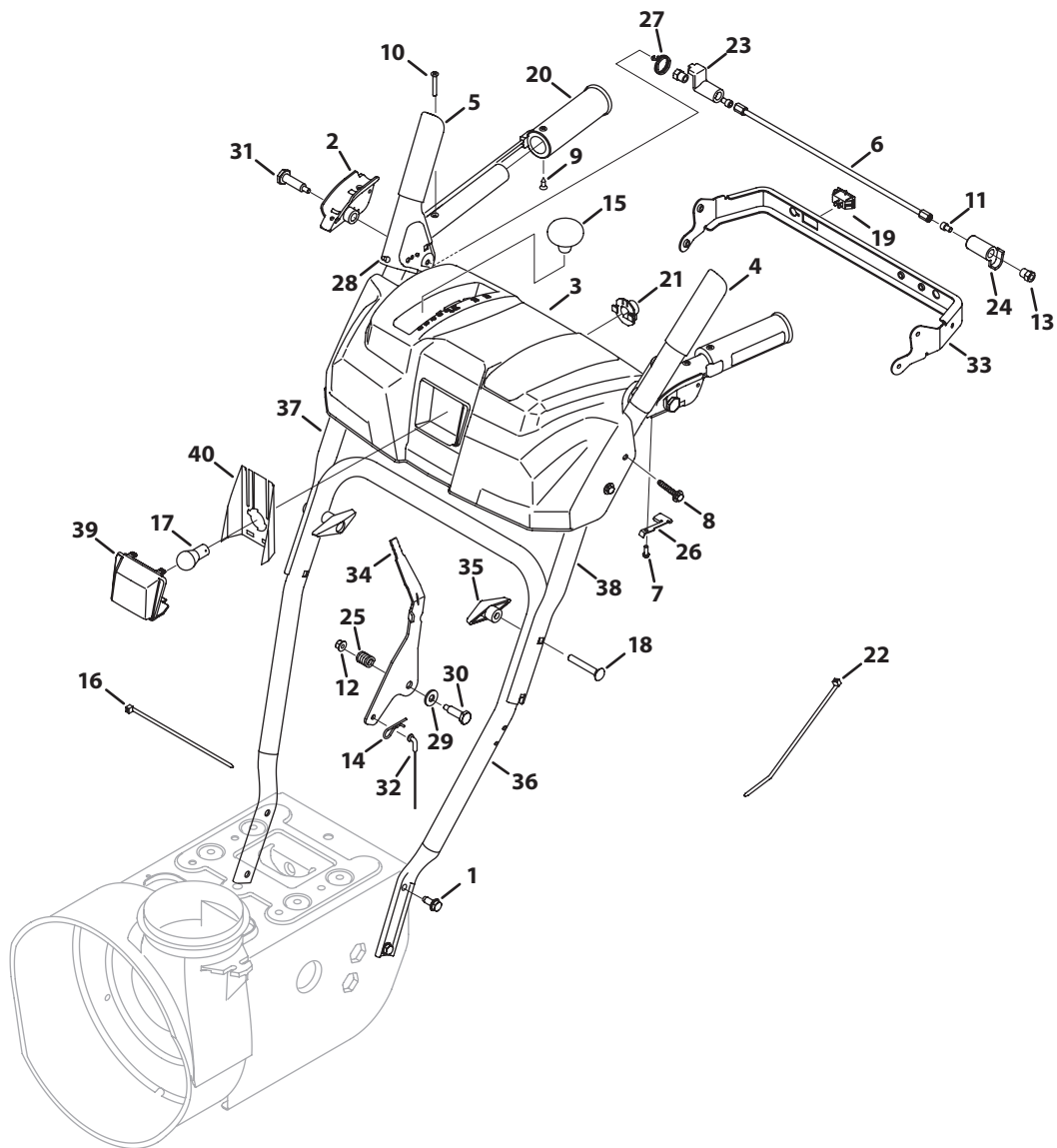
When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXXX-0637). Please refer to the table below for current color codes:

0637	Black
0709	Dark Green (Bolens, Yard-Man)
0662	Oyster Gray (MTD Gold)
0638	Red (Yard Machines, Huskee, Troy-Bilt, MTD)
0691	Black Jack (MTD Gold, MasterCut)

0674	Yellow (Yard-Man)
0650	Metallic Red (White Outdoor)
0629	Silver Flake (MTD Platinum)
04038	Day Orange (Daedong)
04033	Flint Mica (Troy-Bilt XP)

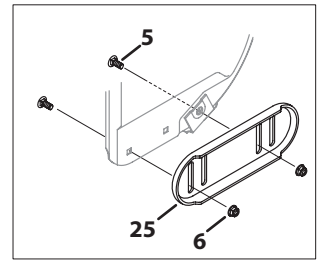
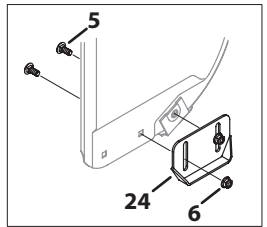
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N/P/Q-Style Panel



Ref.	Part Number	Description
1	710-04484	Screw, Taptite, 5/16-18 x .750
2	631-04134B	Clutch Lock, RH
—	631-04133A	Clutch Lock, LH
3	931-04181A	Handle Panel w/ Light
—	731-05334B	Handle Panel w/o Light
4	684-04105B	Auger Engage
5	684-04106C	Drive Engage
6	684-04250	Pivot Rod
7	710-04326	Screw, Plastite, 8-16 x .50
8	710-04586	Screw, Taptite, 1/4-20 x 1.625
9	710-0837	Screw, 10-16 x 0.625
10	710-1233	Screw, 10-24 x 1.375
11	710-3069	Screw, 1/4-20 x .50
12	712-04064	Nut, Flange Lock, 1/4-20
13	712-04081A	Nut, Hex, 1/4-20
14	914-0145	Click Pin, .092 x 1.64
15	720-04039	Shift Knob
16	725-0157	Cable Tie, 7"
17	925-1629	Lamp, 12.8V
18	710-0572	Screw, Carriage, 5/16-48 x 2.25
19	725-04393	Heated Grip Switch
20	925-06107	Heated Grip
—	720-0274	Grip

Ref.	Part Number	Description
21	925-1649	Lamp Socket
22	926-0154	Cable Tie, Push Mount
23	731-04894D	Plate, Lock
24	731-04896B	Cam, Clutch Lock
25	732-0193	Compression Spring, .39 x .60 x .88
26	732-04219C	Clutch Lock Spring
27	732-04238B	Torsion Spring, 0.8156 x .3038
28	935-0199A	Rubber Bumper
29	936-0267	Washer, Flat, .385 x .87
30	738-04125	Screw, Shield, .374 x 1.05
31	738-04348	Screw, Shoulder, .437 x 1.345 x 1/4-20
32	946-04396A	Speed Selector Cable
33	790-00248C	Panel Bracket
34	790-00311C	Shift Lever
35	920-0284	Wing Knob
36	749-04138B	Lower Handle
37	749-04190A	Upper RH Handle
38	749-04191A	Upper LH Handle
39	731-05319	Lens Panel, Troy-Bilt
40	777X41805	Lens Label, Troy-Bilt
—	925-04137	Harness Assembly, Not Shown
—	725-05148	Heated Grips Harness, Not Shown

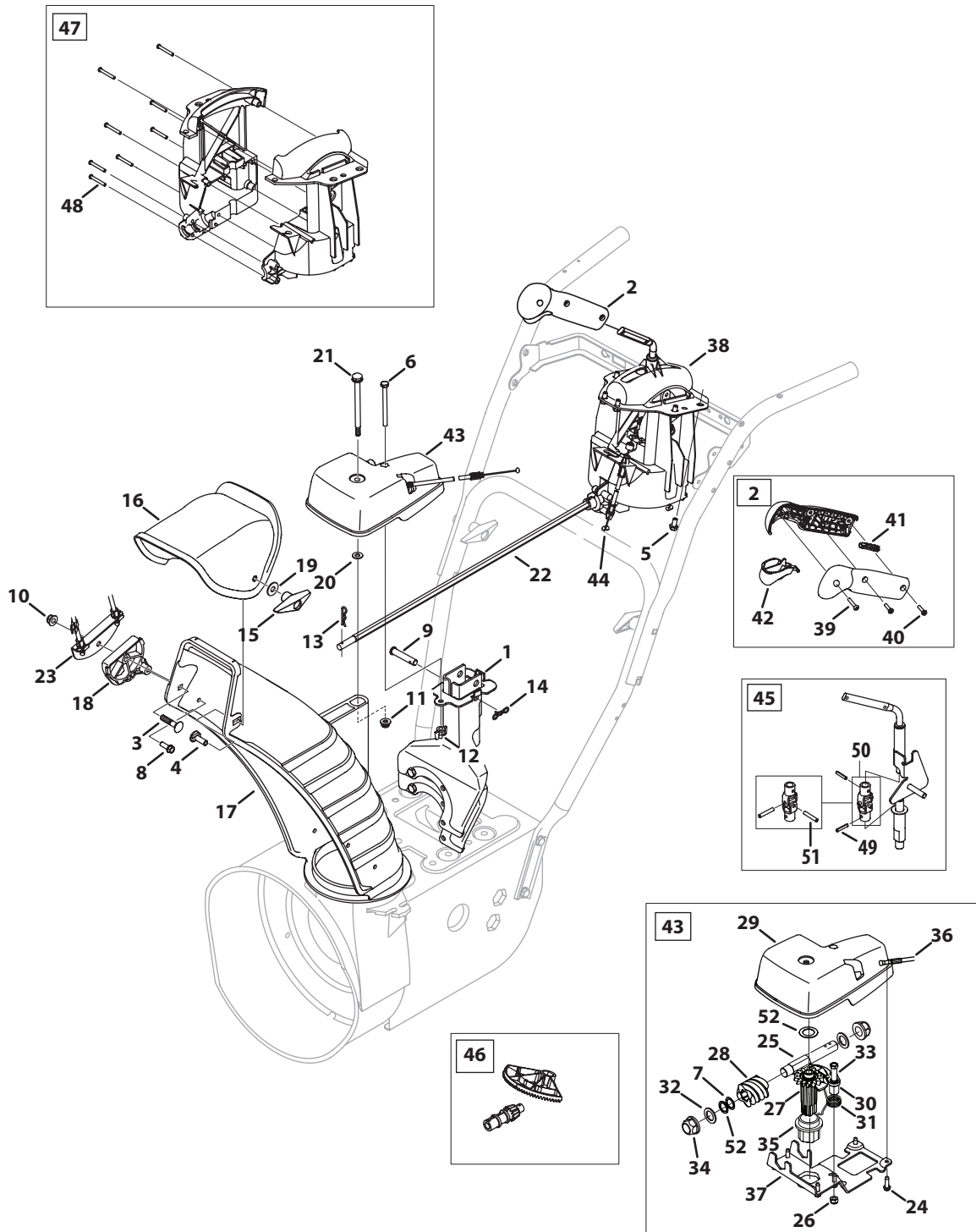


Auger & Auger Housing

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	741-0662	Flange Bearing, .75 ID x 1.0 OD x .59
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	731-04705D	Chute Adapter, 5"
—	731-07525	Chute Adapter, 5" (4-way)
29	710-0276	Carriage Screw, 5/16-18 x 1.00
30	936-0159	Flat Washer, .349 x .879 x .063
31	941-0475	Plastic Bushing, .380 ID
32	784-5647	Chute Crank Bracket

Ref.	Part Number	Description
33	741-0663	Flange Bearing, .50 ID x .75 OD x .59
34	946-04230A	Auger Drive Cable
35	918-04171C	Gearbox Assembly, 24"
—	918-04172C	Gearbox Assembly, 26"
—	918-04173B	Gearbox Assembly, 28"
36	684-04107	Spiral Assembly, LH
37	684-04108	Spiral Assembly, RH
38	684-04270	Auger Housing Assembly, 24"
—	684-04271	Auger Housing Assembly, 26"
—	684-04272	Auger Housing Assembly, 28"
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	790-00120	Shave Plate, 24"
—	790-00121	Shave Plate, 26"
—	790-00118	Shave Plate, 28"
44	918-0123A	Housing Assembly, RH
45	918-0124A	Housing Assembly, LH
46	710-0642	Hex Washer Screw, 1/4-20 x .750
47	711-04285A	Auger Axle, 24"
—	711-06144	Auger Axle, 26"
—	711-06145	Auger Axle, 28"
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	916-0231	E-Ring, .750

2-Way & 4-Way Extended Chute



2-Way & 4-Way Extended Chute

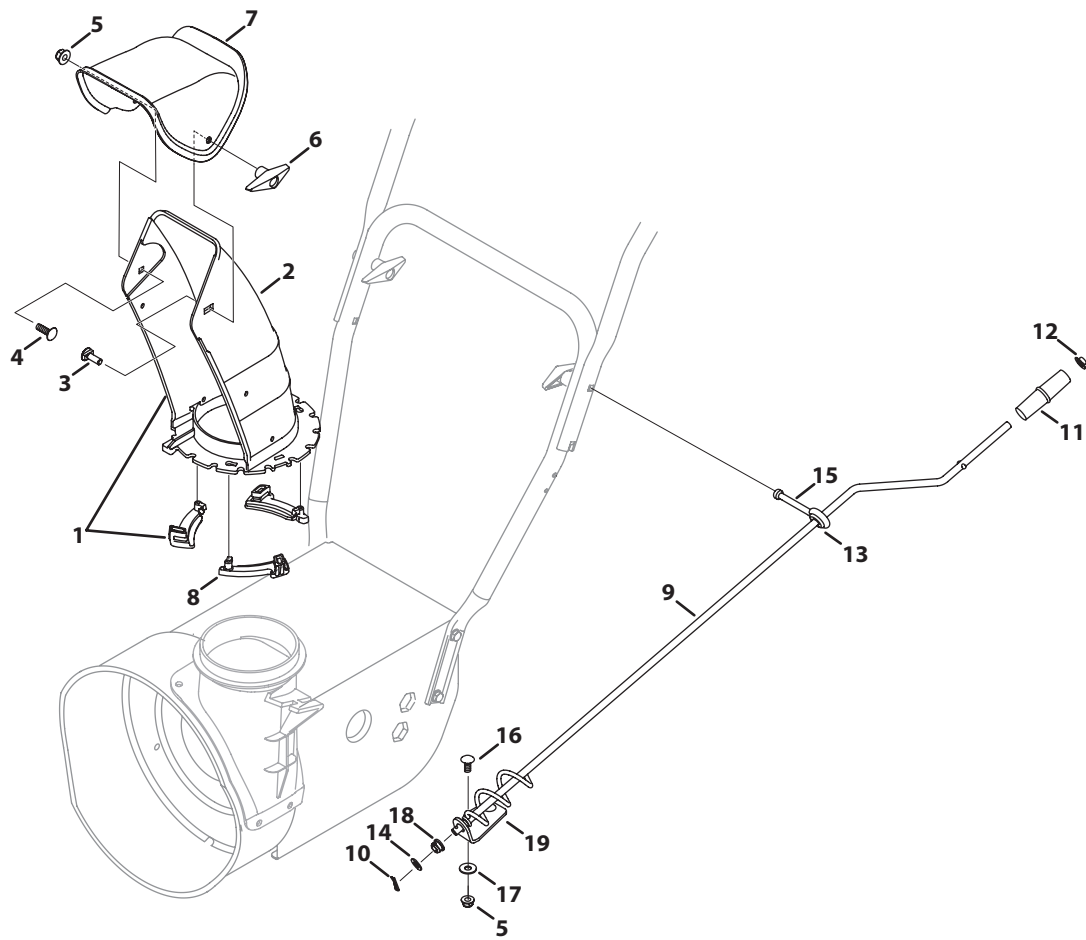
Ref.	Part Number	Description
1	684-04310A	Chute Support Bracket (lrg. block)
—	684-04311A	Chute Support Bracket (small block)
2	753-06151	Chute Control, 4-Way
3	710-0262	Bolt, Carriage, 5/16-18 x 1.50, 4-Way
—	710-0451	Bolt, Carriage, 5/16-18 x .750, 2-Way
4	710-04071	Bolt, Carrier, 5/16-18 x 1.00
5	710-04187	Screw, Hi-Lo, 1/4-15 x 0.50
6	710-04370	Hex Head Screw, 1/4-20 x 3.00
7	736-04337	Shim Washer, .632 x 1.00 x .010
8	710-0895*	Screw, Hi-Lo, 1/4-15 x 0.750
9	711-04469A	Clevis Pin, 3/8 x 1.87
10	712-04063	Nut, Flange Lock, 5/16-18
11	712-04064	Nut, Flange Lock, 1/4-20
12	712-3087	Wing Nut, 1/4-20
13	914-0101	Internal Cotter Pin
14	714-04040	Bow-Tie Cotter Pin
15	920-0284	Wing Knob, 5/16-18
16	731-04427A	Chute, Upper, 4-Way
—	731-04426A	Chute, Upper, 2-Way
17	731-06440A	Chute, Lower
18	731-06451*	Cable Guide, Chute Tilt
19	936-0159*	Washer, Flat, .349 x .879
20	736-04446	Washer, Flat, .25 x .630
21	738-04367	Screw, Shoulder, .312 x 3.5 x 1/4-20
22	747-05116	Chute Rod, 3/8 Hex
23	784-5594*	Cable Bracket
24	710-04373A	Screw, 12-16 x .75
25	711-05186	Hex Shaft
26	712-0896	Hexlock Nut, 1/4-28
27	717-04667	Gear, 14 T

Ref.	Part Number	Description
28	717-04672	Worm
29	731-06906	Gear Cover
30	731-06943A	Pawl Lock
31	732-04638C	Torsion Spring, .721 ID x .474
32	736-0290	Washer, Flat, .625 x 1.0 x .067
33	738-04391	Screw, Shoulder, .34 x .95 x 1/4-28
34	941-0225	Hex Bearing
35	741-04388A	Flange Bearing
36	946-04619B	Cable Lock
37	790-00342C	Gear Bracket
38	984-04338A	Chute Control, 4-Way
—	984-04348	Chute Control, 2-Way
39	710-04353	Screw, #8 x 1.00
40	710-04879	Screw, 8-32 x .750
41	731-04893A	Joystick Plug
42	731-07031	Joystick Trigger
43	918-04801B	Chute Rotation Gearbox
44	946-04528B*	4-Way Cable
	731-07868†	Cable Clip
45	984-04324A	Shift Assembly, 4-Way
—	984-04347	Shift Assembly, 2-Way
46	753-06152	Gear Set Assembly
47	753-06153	Handle Housing Assembly, 4-Way
—	753-06154	Handle Housing Assembly, 2-Way
48	710-1256	Screw, #8-18 x 1.250
49	715-04095	Pin, Roll
50	684-04350	Block, Asm Joint
51	715-0150	Pin, Roll
52	936-0349	Shim Washer, .63 x 1.00 x .020

† Not Shown

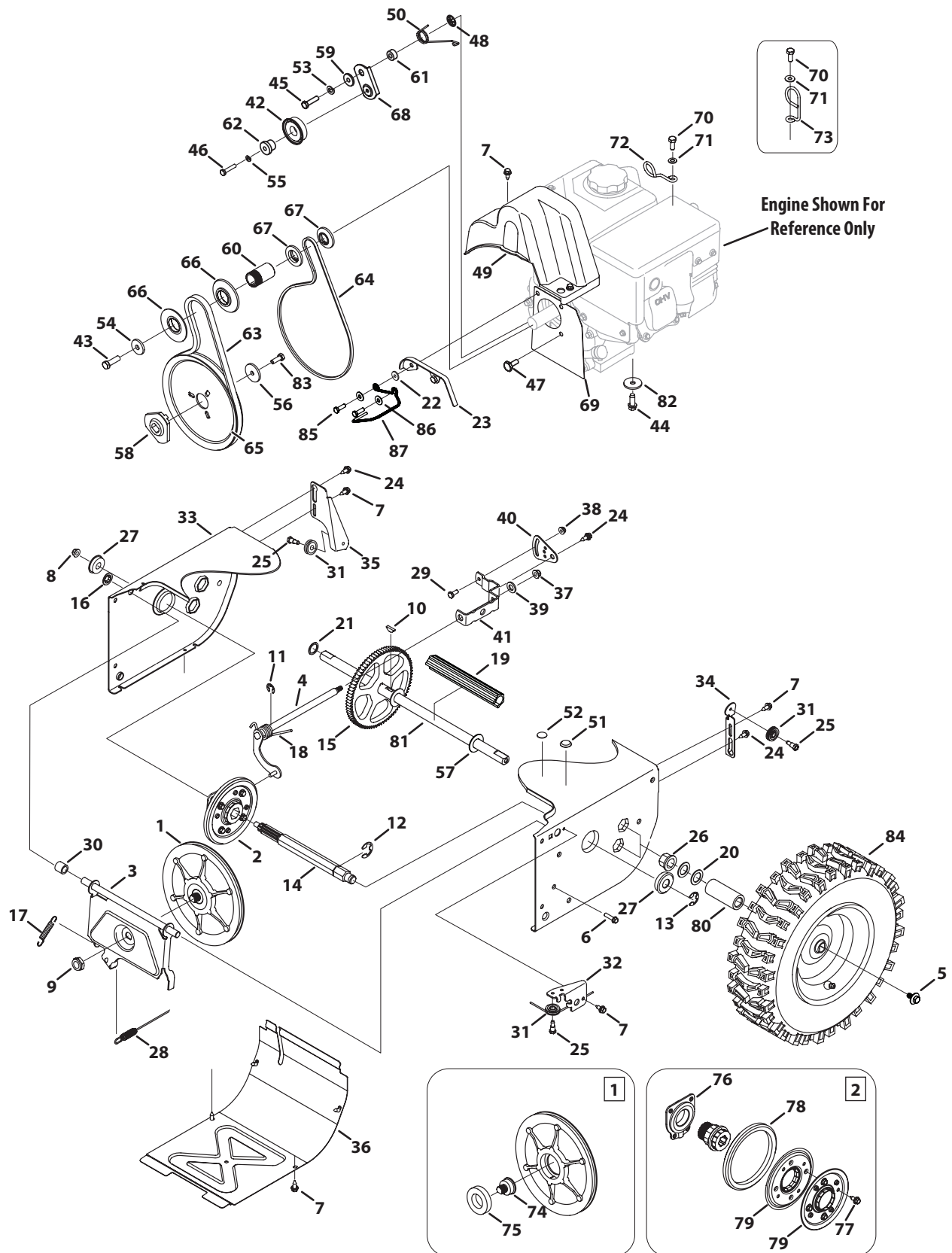
* If Equipped

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
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	710-0276	Carriage Screw, 5/16-18 x 1.00
17	936-0159	Flat Washer, .349 x .879 x .063
18	941-0475	Plastic Bushing, .380 ID
19	784-5647	Chute Crank Bracket

Drive System



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	736-0188	Washer, Flat, .760 x 1.49 x .060
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	710-04022	Hex Head Screw, 1.25 x 20
36	790-00316	Frame Cover	71	936-0264	Washer, Flat, .330 x .630 x .0635
37	712-04063	Flange Lock Nut, 5/16-18	72	732-04677	Cable Guide
38	712-04064	Flange Lock Nut, 1/4-20	73	732-0705	Cable Guide
39	936-3015	Washer, Flat, .469 x .875 x .105	74	738-04164A	Friction Disc Bearing Pin

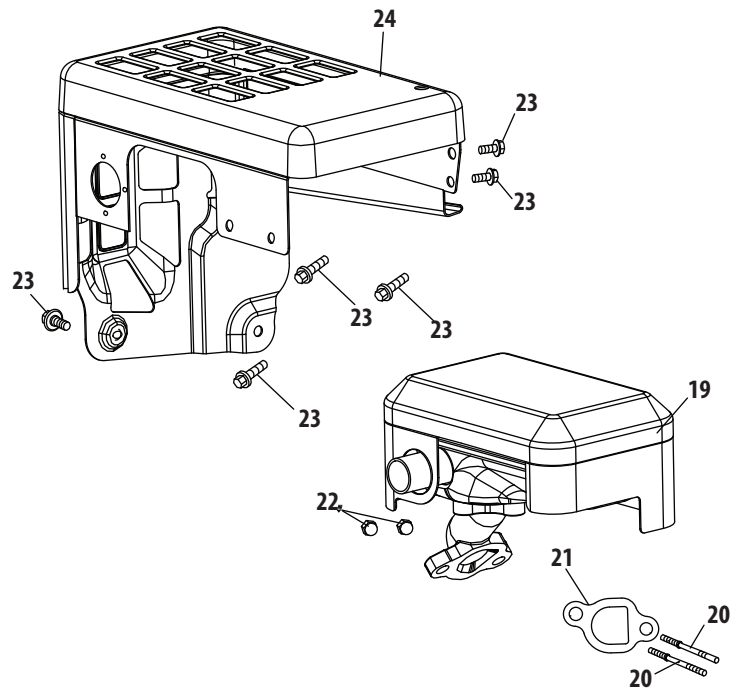
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Drive System

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
81	738-04493	Axle, .75 x 22
82	736-0320	Washer, Flat, .38 x 1.38 x .125
83	710-1245B	Hex Head Screw, 5/16-24 x .875
84	634-04167A-0911	X-Trac Wheel, 13 x 4 x 6, LH
—	634-04168A-0911	X-Trac Wheel, 13 x 4 x 6, RH
—	634-04147A-0911	X-Trac Wheel, 15 x 5 x 6, LH
—	634-04148A-0911	X-Trac Wheel, 15 x 5 x 6, RH
—	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
85	710-0117A	Hex Head Screw, 5/16-24 x 1.00
86	936-0159	Washer, Flat, .349 x .879
86	747-06336	Belt Guide

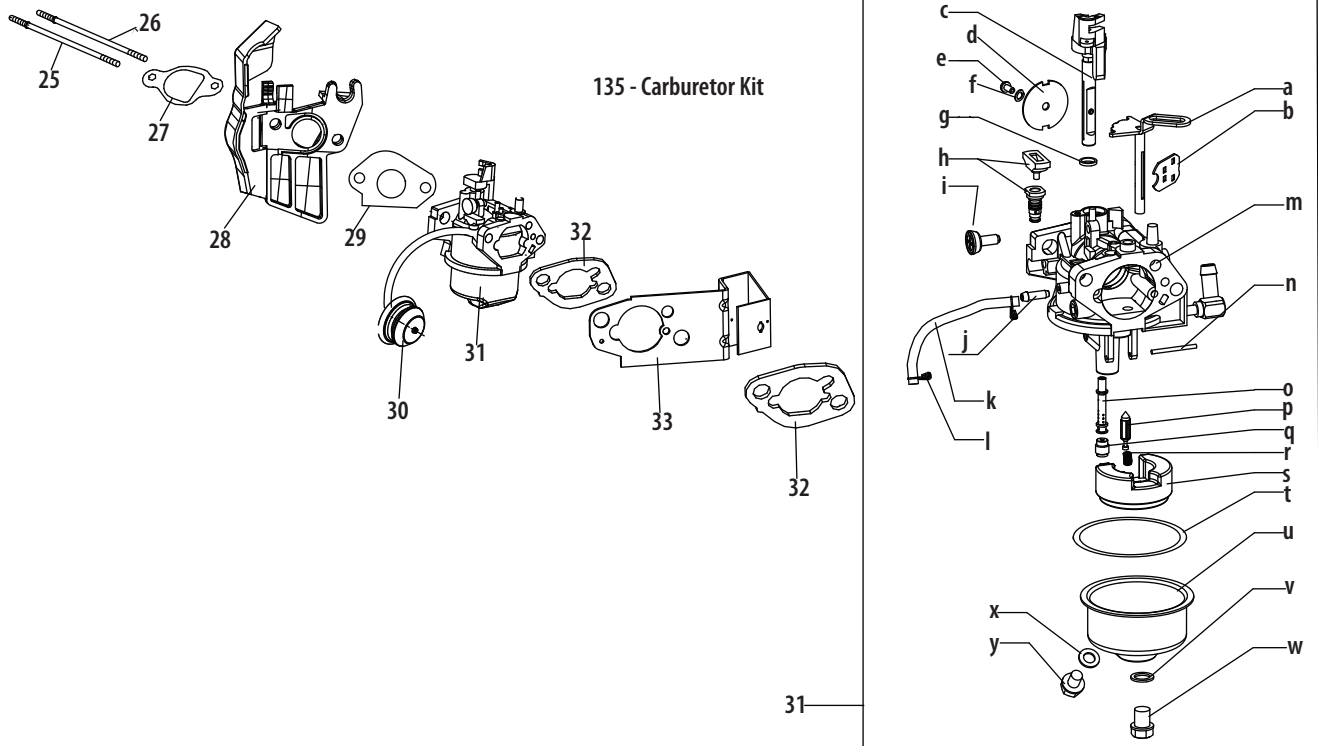
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Engine Model 265-SUA Muffler Assembly



Ref.	Part Number	Description
19	951-11282	Muffler Assembly
20	710-05001	Stud M8×36
20	751-14190	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

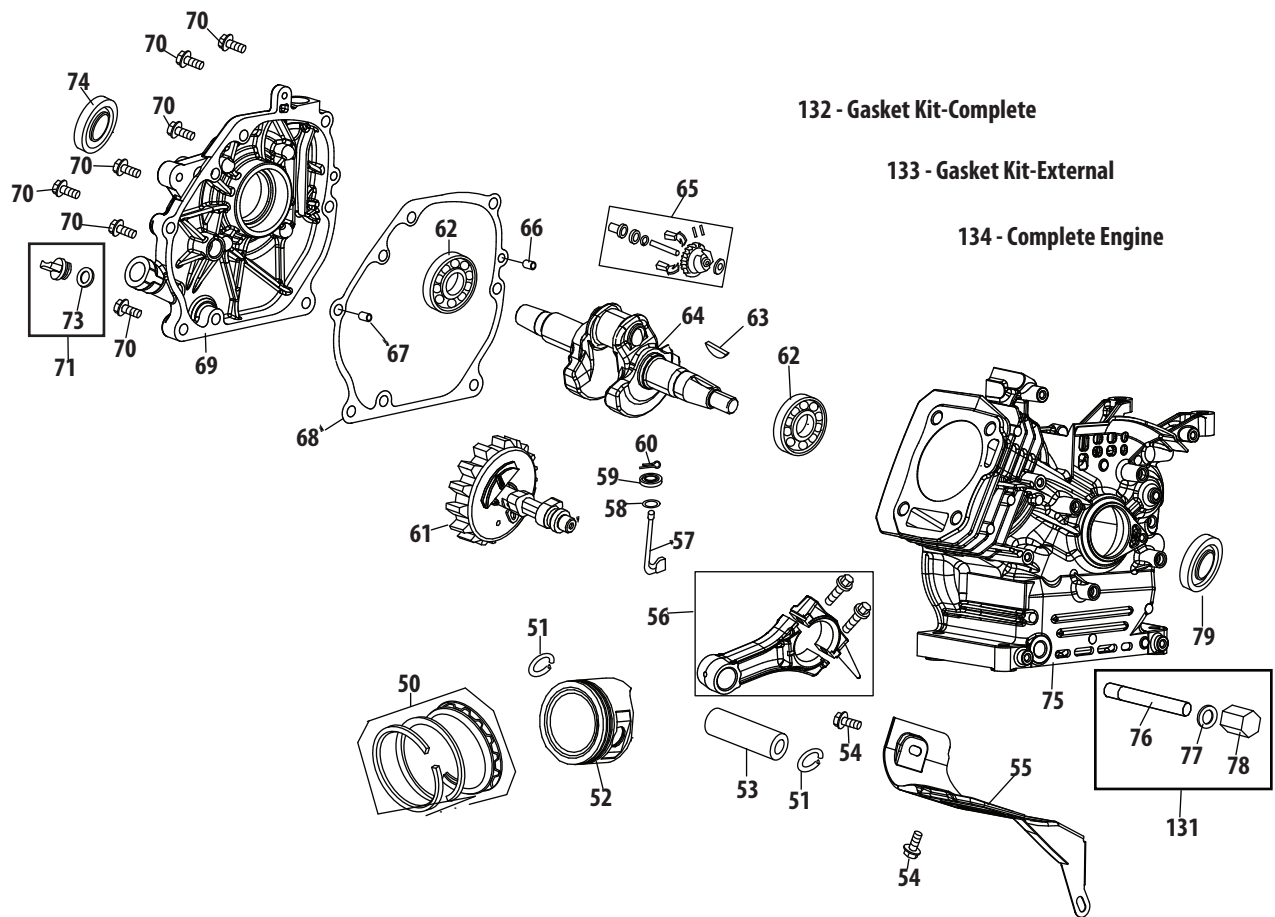
265-SUA Carburetor Assembly



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	951-12705	Carburetor Assembly
32	951-11897	Carburetor Gasket Plate
33	951-11112	Choke Control
135	951-14050	Carburetor Kit (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
g	n/a	Gasket, Throttle Plate

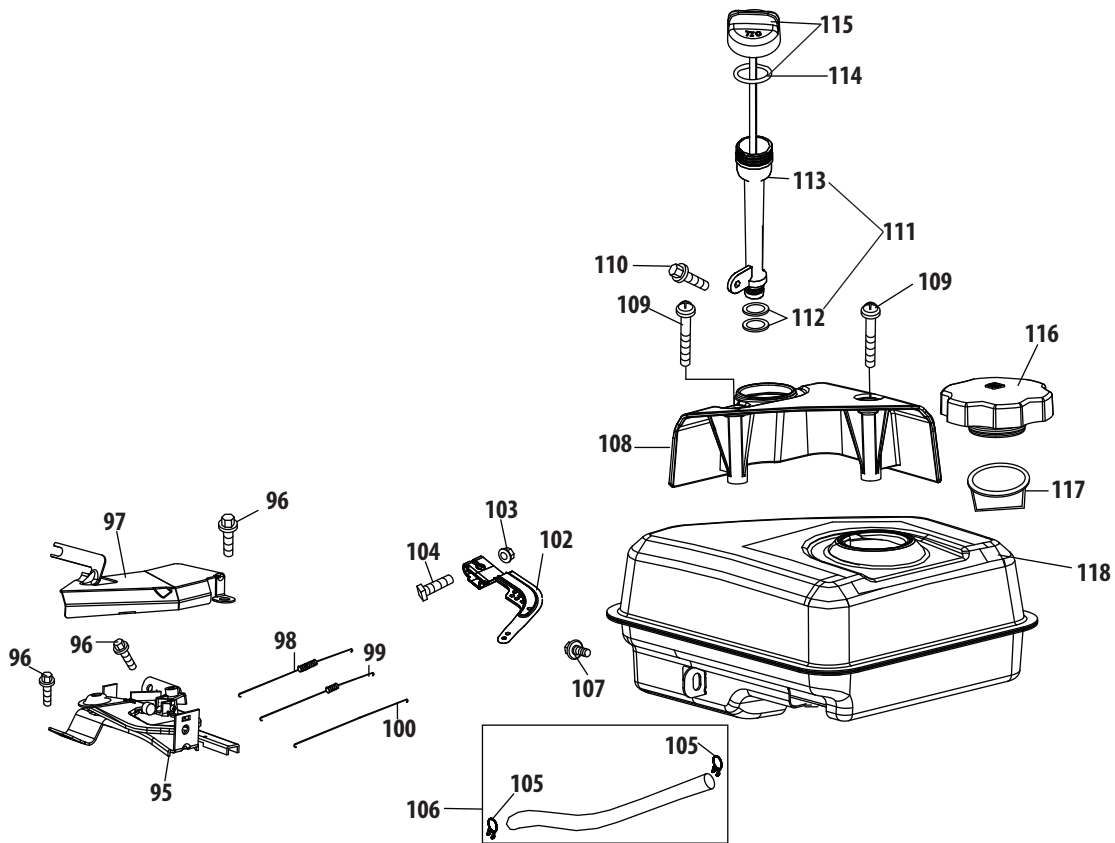
Ref.	Part Number	Description
h	n/a	Idle Jet Assembly (0.34)
i	n/a	Idle Speed Adjusting Screw
j	n/a	Primer Pipe
k	951-11699	Primer Hose
l	951-11906	Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube (P18-019)
p	951-12875	Needle Valve
q	n/a	Main Jet (#73)
r	n/a	Needle Valve Spring
s	n/a	Float
t	951-11589	Fuel Bowl O-Ring
u	n/a	Fuel Bowl
v	951-11348	Fuel Bowl Mounting Bolt Gasket
w	710-04945	Fuel Bowl Mounting Bolt
x	951-11349	Fuel Bowl Drain Bolt Gasket
y	710-04938	Fuel Bowl Drain Bolt

265-SUA Crankcase



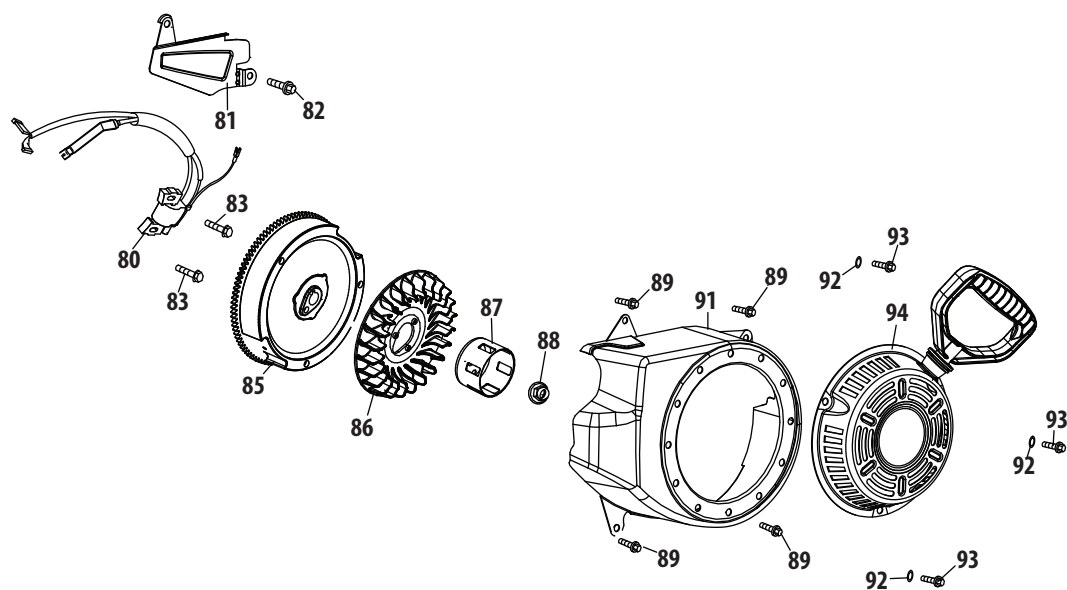
Ref.	Part Number	Description	Ref.	Part Number	Description
50	951-11688	Piston Ring Set			(Incl. 62,68-74)
51	951-11632	Piston Pin Snap Ring	70	710-04932	Bolt M8×32
52	951-11900	Piston	71	951-11283	Oil Fill Plug Assembly
53	951-11901	Piston Pin	73	951-11577	O-Ring 15.8×2.5
54	710-04915	Bolt M6×12	74	951-11368	Oil Seal, 25×41.25×6
55	951-11113	Air Shield	75	951-11248A	Crankcase Kit
56	951-11573	Connecting Rod Assembly			(Incl.59,62,74,75,79)
57	951-14053	Governor Arm Shaft		951-11062B	Short Block Assembly
58	736-04461	Washer 5.2×1.9			(Incl. 4,21,27-29,32,44, 46,47,80-53,56-79)
59	951-11902	Governor Seal	76	951-11350	Oil Drain Pipe Assy.
60	714-04078	Cotter Pin	77	736-04440	Washer 10×16×1.5
61	951-11575	Camshaft Assembly	78	710-04906	Oil Drain Plug
62	951-11369	Radial Ball Bearing, 6205	79	951-11370	Oil Seal 25×41.25×6
63	951-10307	Woodruff Key	131	951-10641	Oil Drain Assembly
64	951-11247A	Crankshaft Kit (Incl.62-64,74,79)	132	951-11061A	Gasket Kit - Complete (Incl.4,21,27-29,32,44, 58,59,68,74,77,79)
65	951-11576	Governor Gear/Shaft Assembly	133	951-10661B	Gasket Kit - External (Incl. 4,21,27-29,32,77)
66	715-04092	Dowel Pin 7×14	134	952Z265-SUA	Complete Engine
67	715-04096	Dowel Pin 9×14			
68	951-11371	Crankcase Cover Gasket			
69	951-12125	Crankcase Cover			
	951-11246	Crankcase Cover Kit			

265-SUA Fuel Tank & Mounting



Ref.	Part Number	Description
95	951-10758	Primer Bracket
96	710-05103	Bolt M6×12
97	951-11108	Governor System 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	Fuel Line Kit
107	710-04915	Bolt M6×12

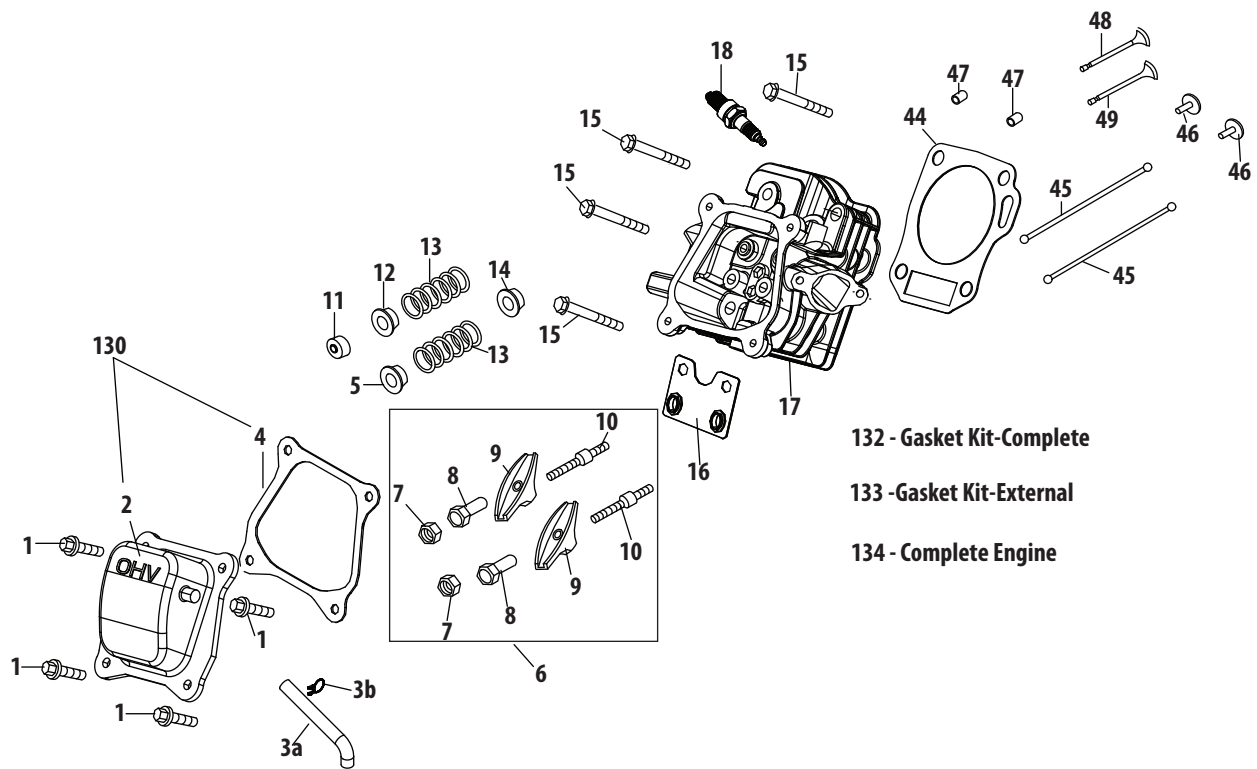
Ref.	Part Number	Description
108	951-11914	Dipstick Decoration Cover
109	710-04905	Bolt
110	710-04915	Bolt M6×12
111	951-11913	Oil Fill Tube Assembly
112	951-11381	O-Ring
113	951-10656	Oil Fill Tube
114	951-11904	O-Ring
115	951-12482	Dipstick Assembly
116	951-12533	Fuel Cap Assembly
117	951-11933	Fuel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



Ref.	Part Number	Description
80	951-10646	Ignition Coil Assembly
81	951-11110	Air Flow Shield
82	710-04940	Bolt M6×10
83	710-04919	Bolt M6×25
85	951-12416	Flywheel
86	951-10934	Cooling Fan
87	951-10911	Starter Cup

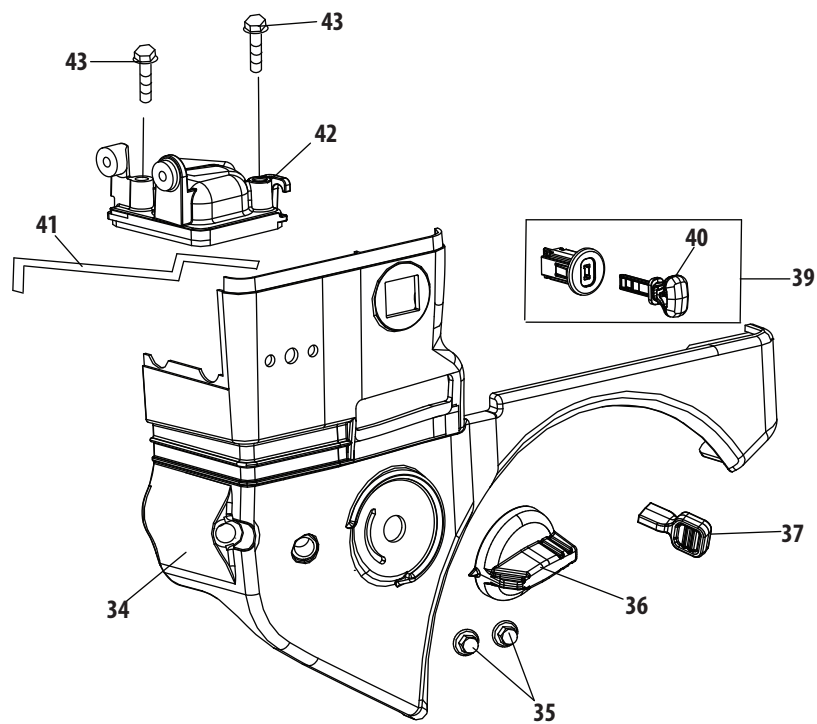
Ref.	Part Number	Description
88	712-04209	Nut, Special, M14×1.5
89	710-04915	Bolt M6×12
91	951-10663A	Blower Housing
92	736-04455	Gasket 6
93	710-04974	Bolt M6×10
94	951-14151	Recoil Starter

265-SUA Cylinder Head

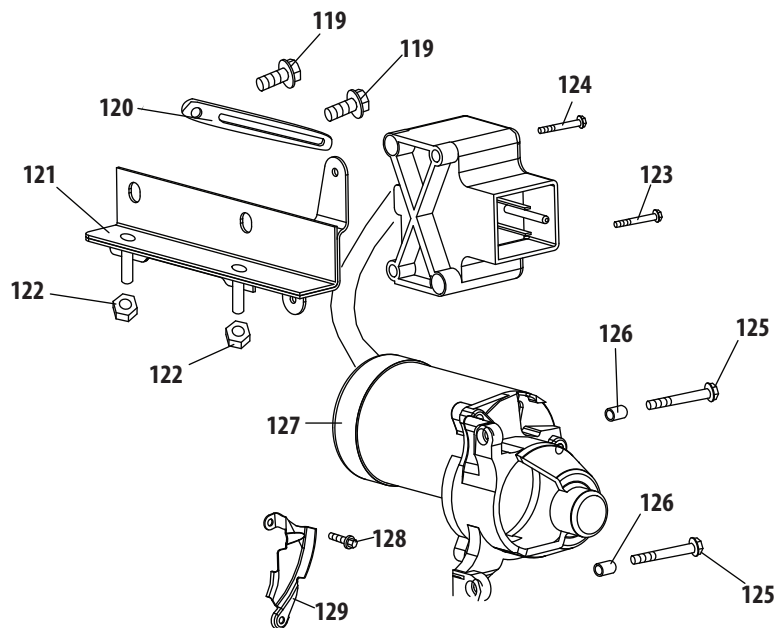


Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054A	Valve Cover
3a	731-07059	Breather Hose
3b	726-04101	Breather Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-12000	Valve Spring Retainer (Intake)
6	951-11892	Rocker Arm Assembly
7	751-11124	Nut, Pivot Locking
8	751-11123	Adjusting Nut ,Valve
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
17	751-14195	Cylinder Head Assembly (Incl.4-14,16,17,21,27, 29,44,48,49)
18	951-10292	Spark Plug/F6Rtc
44	951-11898	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
130	951-12626	Valve Cover Kit
132	951-11061A	Gasket Kit - Complete (Incl.4,21,27-29,32,44, 58,59,68,74,77,79)
133	951-10661B	Gasket Kit - External (Incl. 4,21,27-29,32,77)
134	952Z265-SUA	Complete Engine

265-SUA Engine Shroud

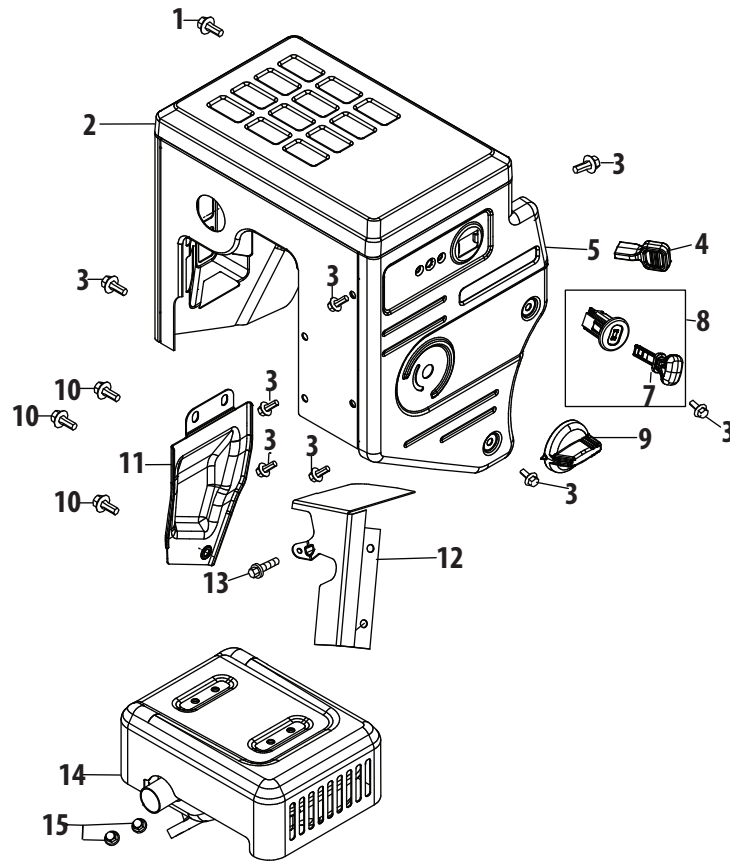


Ref.	Part Number	Description
34	951-10634	Air Cleaner Housing
35	712-04213	Nut
36	951-11284	Choke Knob
37	951-10757	Throttle Control Knob
39	951-10637	Key Switch
40	731-05632	Key
41	951-10640	Choke Push Rod
42	951-10635	Heater Box
43	710-04943	Bolt M6×28

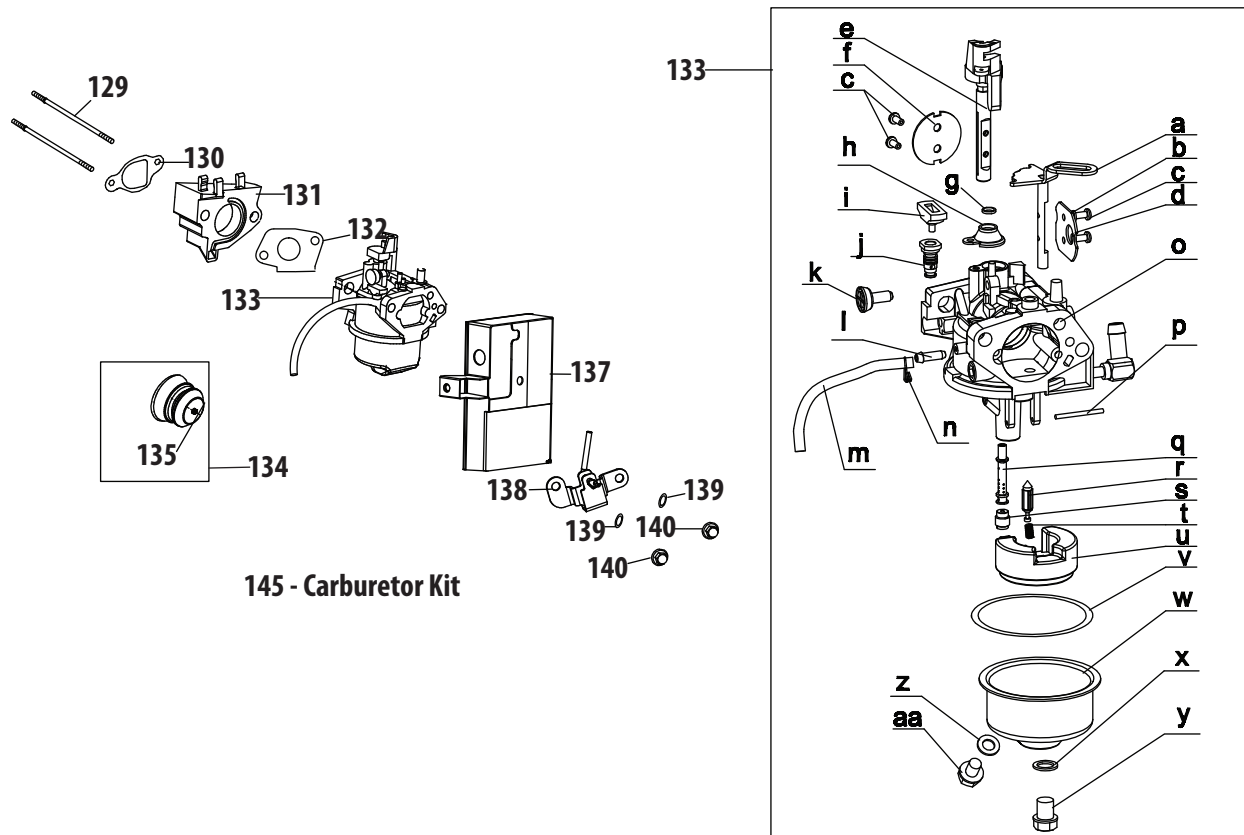


Ref.	Part Number	Description
119	710-04914	Bolt M6×10
120	951-11680	Wire Clip
121	951-11114	Switch Housing Mounting Bracket
122	712-05015	Nut, M6
123	710-04935	Bolt M4×60
124	710-04965	Bolt M4×55
125	710-05182	Bolt M6×32
126	715-04088	Dowel Pin 8×8
127	951-10645A	Electric Starter
128	710-04915	Bolt M6×12
129	951-11109	Blower Housing Shield

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

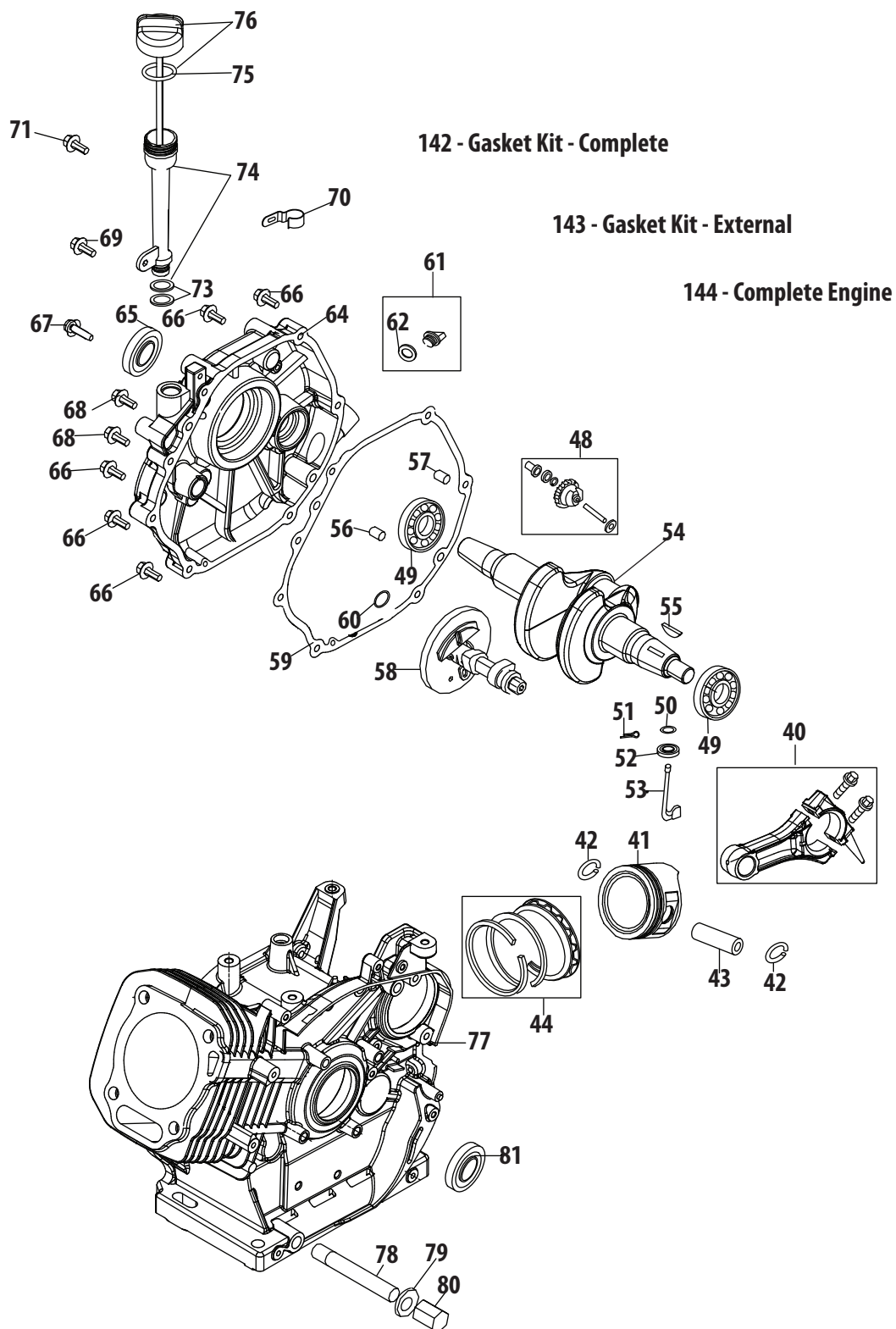


145 - Carburetor Kit

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

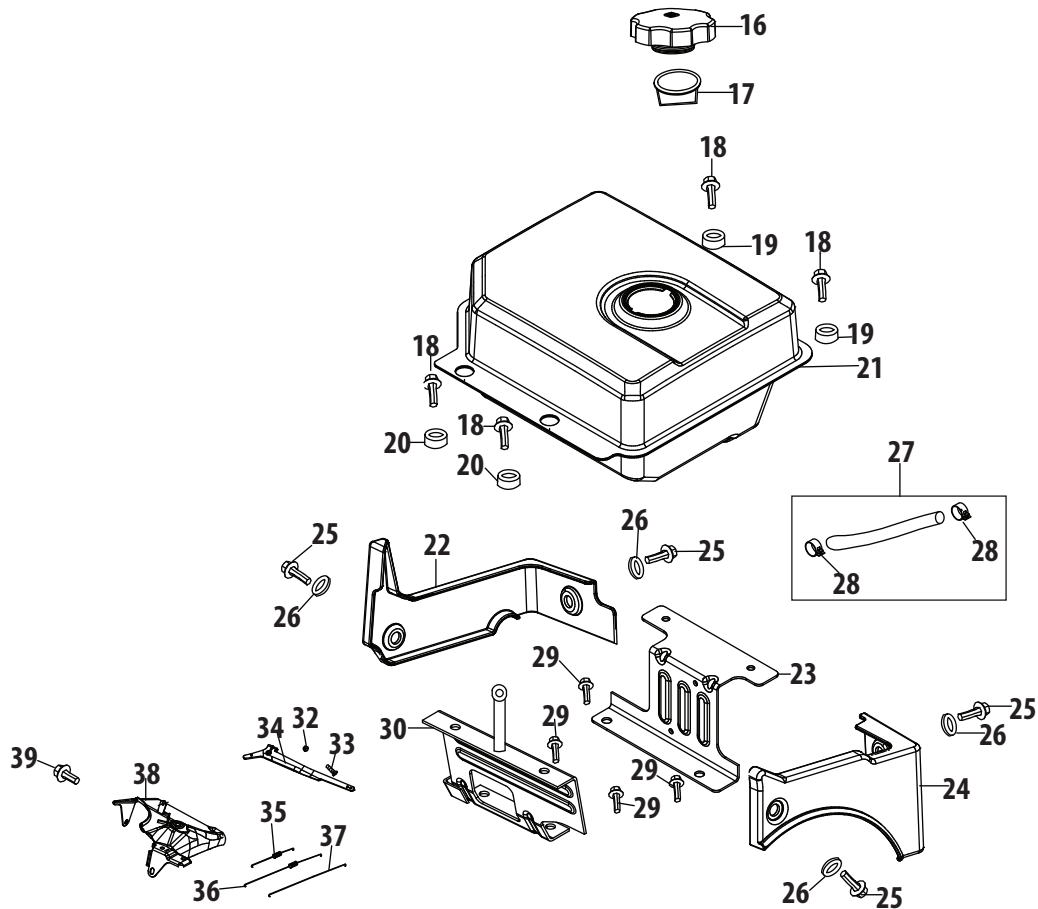
Ref.	Part Number	Description
h	n/a	Throttle Shaft Cover
i	n/a	Idle Jet Rivet
j	n/a	Idle Jet Assembly
k	n/a	Idle Speed Adjusting Screw
l	n/a	Primer Pipe
m	751-11991	Primer Hose
n	951-11906	Hose Clamp
o	n/a	Carburetor Body
p	n/a	Float Pin
q	n/a	Emulsion Tube
r	n/a	Needle Valve
s	n/a	Main Jet
t	n/a	Needle 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



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)			(Incl. 49,52,77,81)
55	951-10307	Woodruff Key		951-11187	Short Block Assembly (Incl. 40-44,48-68,77-81,103, 106,107,109,111,124,130-132)
56	715-04102	Dowel Pin 9×12	78	951-11350	Oil Drain Pipe
57	715-04092	Dowel Pin 7×14	79	736-04440	Washer 10×16×1.5
58	951-12072	Camshaft Assembly	80	710-04906	Oil Drain Plug
59	951-11374	Crankcase Cover Gasket	81	751-11498	Oil Seal 30×46×8
60	736-04545	Washer 16×24×0.5	142	951-11209	Gasket Kit - Complete (Incl. 52,59,65,79,81,107, 109,124,130-132)
61	951-11283	Oil Fill Plug Assembly			
62	951-11577	O-Ring	143	951-11210	Gasket Kit - External (Incl. 79,109,124,130-132)
64	951-12395	Crankcase Cover			
64	951-11228	Crankcase Cover Kit (Incl. 49,59,50,64-68)	144	952Z478-SUB	Complete Engine
65	951-11372	Oil Seal, 30×46×8			

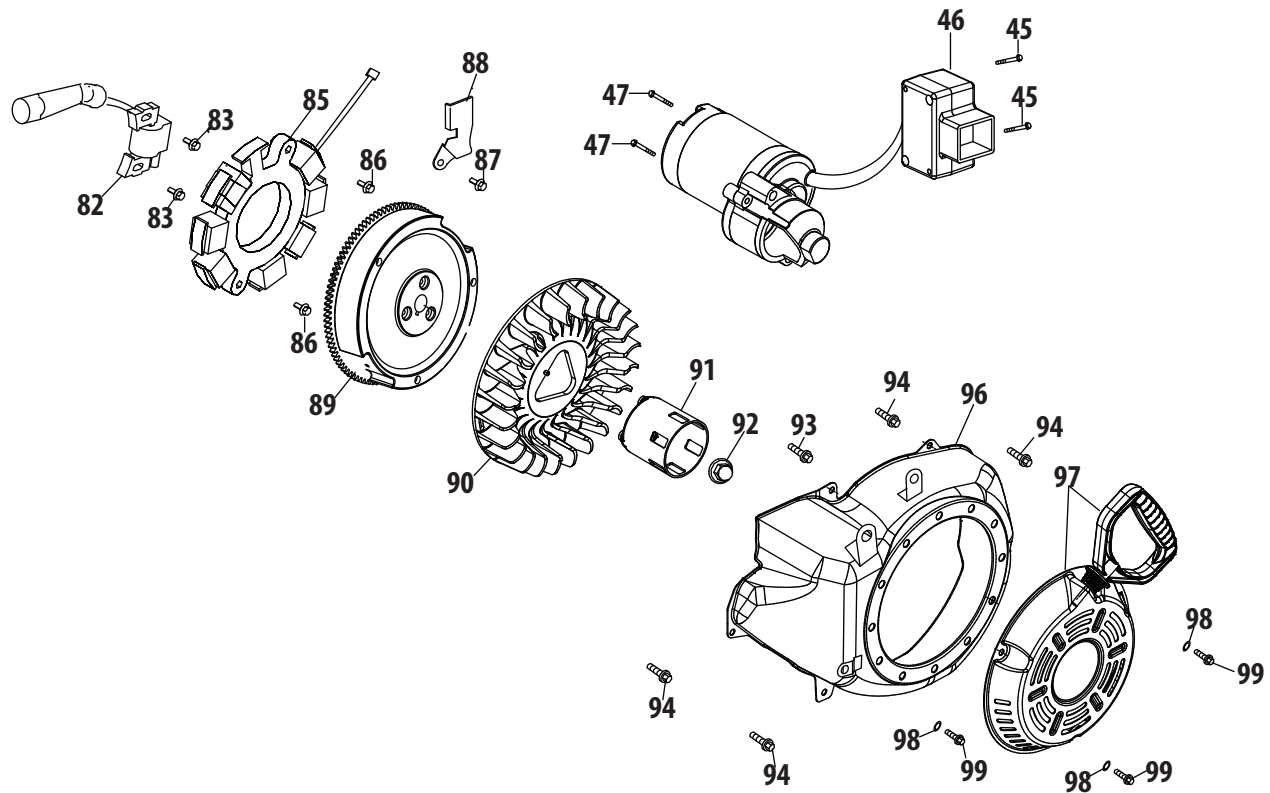
478-SUB Fuel Tank & Mounting



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

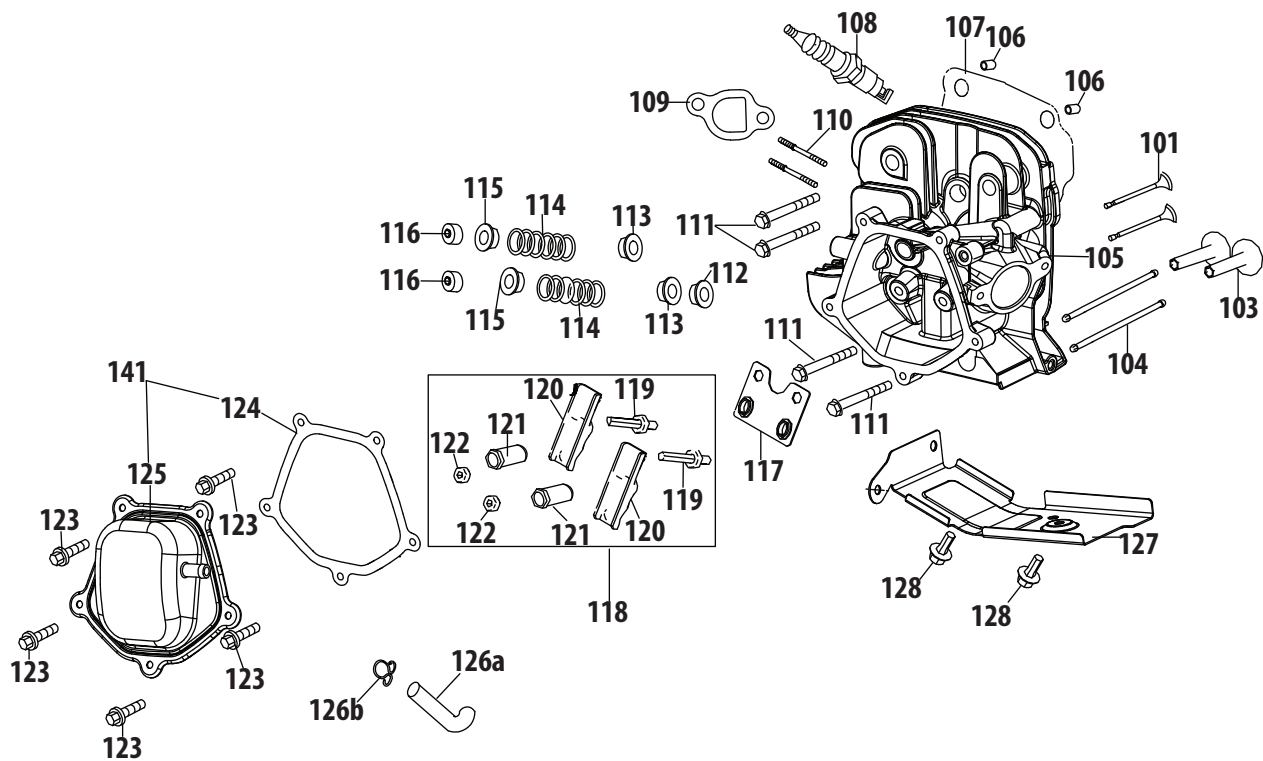
478-SUB Starting System & Blower Housing



Ref.	Part Number	Description
45	710-04965	Bolt M4x55
46	951-11196	Electric Starter
47	710-04967	Bolt M8x55
82	951-11498	Ignition Coil Assembly
83	951-11197	Ignition Coil Bolt
85	951-12553	Alternator Assembly
86	710-04969	Bolt M6x30
87	710-04966	Bolt M6x8
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, M16x1.5
93	710-04968	Bolt M6x16
94	710-04915	Bolt M6x12
96	951-11379	Blower Housing
97	951-11208	Recoil Starter
98	736-04455	Gasket 6
99	710-04974	Bolt M6x10

478-SUB Cylinder Head



142 - Gasket Kit - Complete

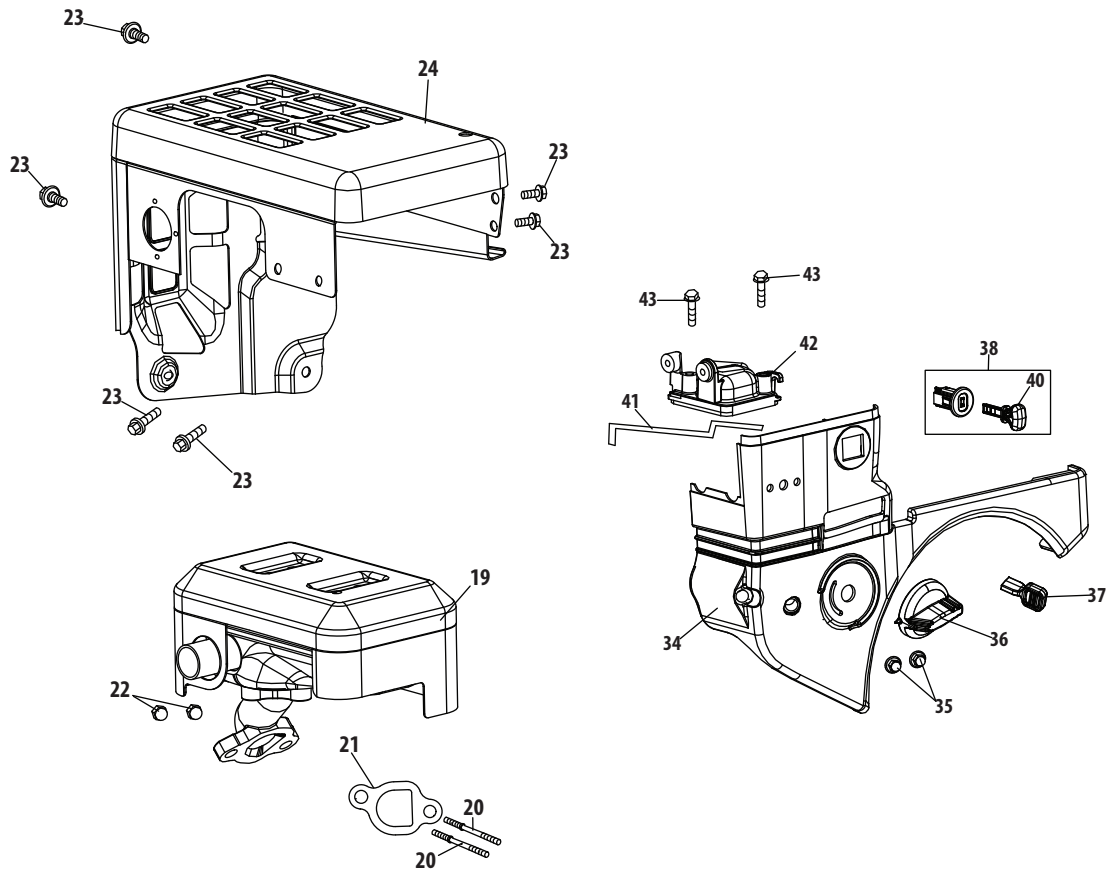
143 - Gasket Kit - External

144 - Complete Engine

478-SUB Cylinder Head

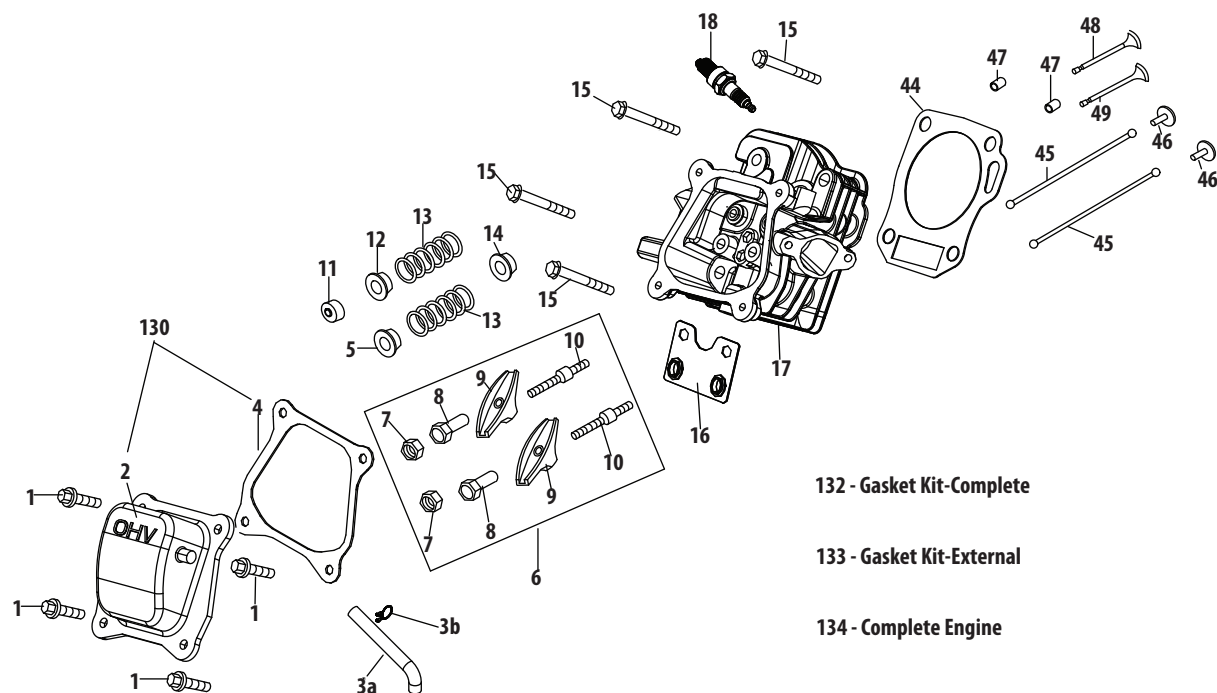
Ref.	Part Number	Description	Ref.	Part Number	Description
101	951-11198	Valve Kit	117	951-11965	Push Rod Guide
103	951-11962	Tappet	118	951-11981	Rocker Arm Assembly
104	951-11199	Push Rod Kit	119	710-04962	Bolt, Pivot
105	951-11226	Cylinder Head Kit (Incl.107,111,112,125)	120	951-11966	Rocker Arm
	951-11188	Cylinder Head Assembly (Incl.101,102,105,107, 109-122,124,129-132)	121	751-11123	Adjusting Nut ,Valve
106	715-04097	Dowel Pin 12×20	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 M8×48.5	126a	731-07059	Breather Hose
110	951-11207	Muffler Stud Assembly	126b	726-04101	Breather Hose Clamp
111	710-04965	Bolt M10×1.25×80	127	951-11180	Air Shield
112	951-11964	Valve Seal (Intake)	128	710-04915	Bolt M6×12
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



132 - Gasket Kit-Complete

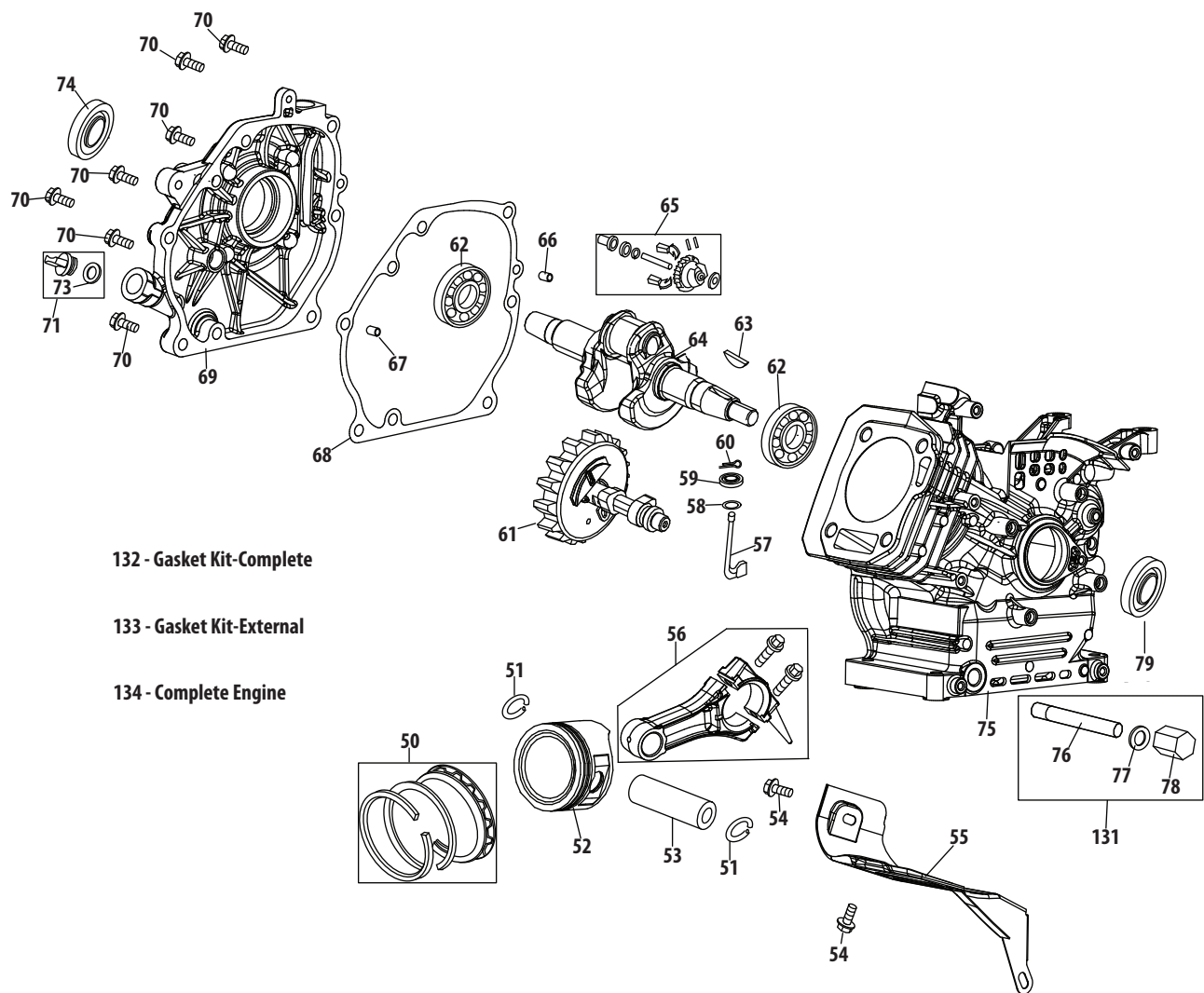
133 - Gasket Kit-External

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



132 - Gasket Kit-Complete

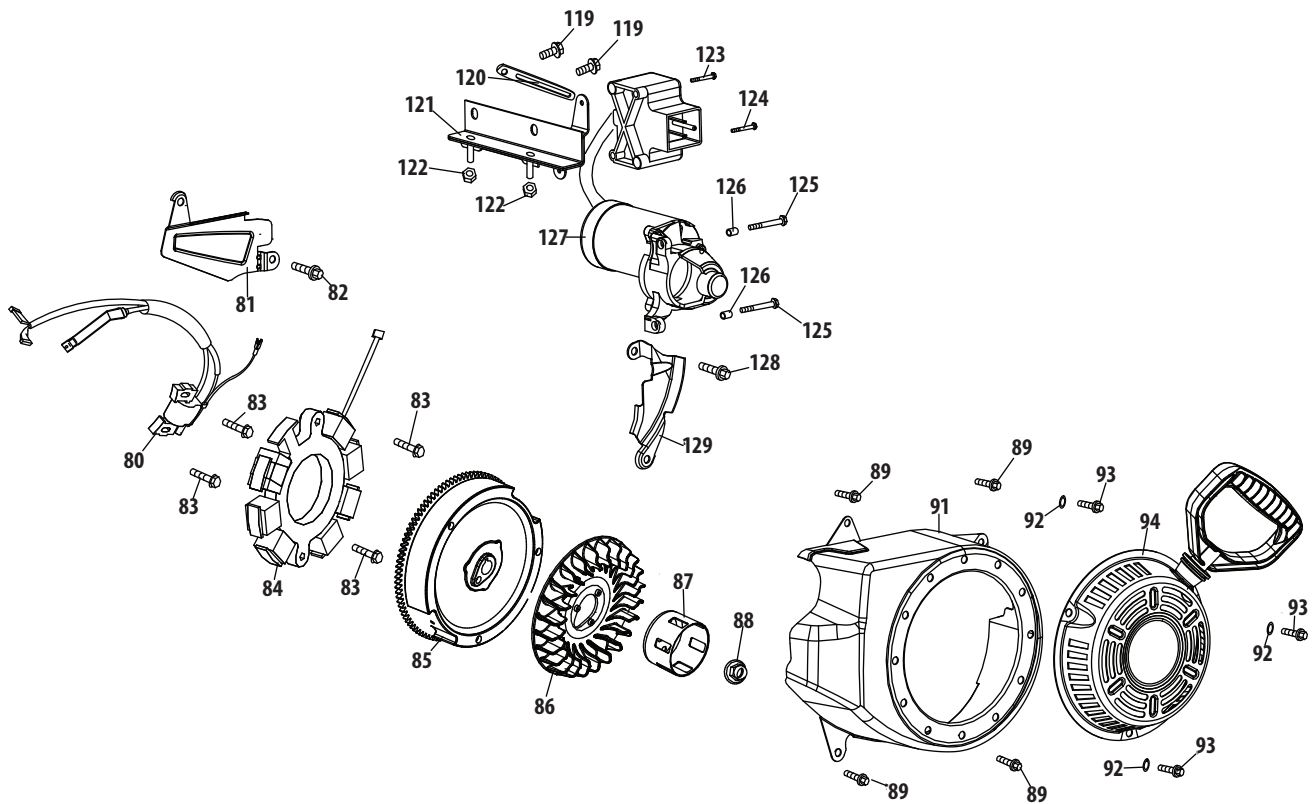
133 - Gasket Kit-External

134 - Complete Engine

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	751-14053	Governor Arm Shaft
58	736-04461	Washer 5.2×1.9
59	951-11902	Governor Seal
60	714-04078	Cotter Pin
61	951-11575	Camshaft Assembly
62	951-11369	Radial Ball Bearing, 6205
63	951-10307	Woodruff Key
64	951-11247A	Crankshaft Kit (Incl. 62-64,74,79)
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

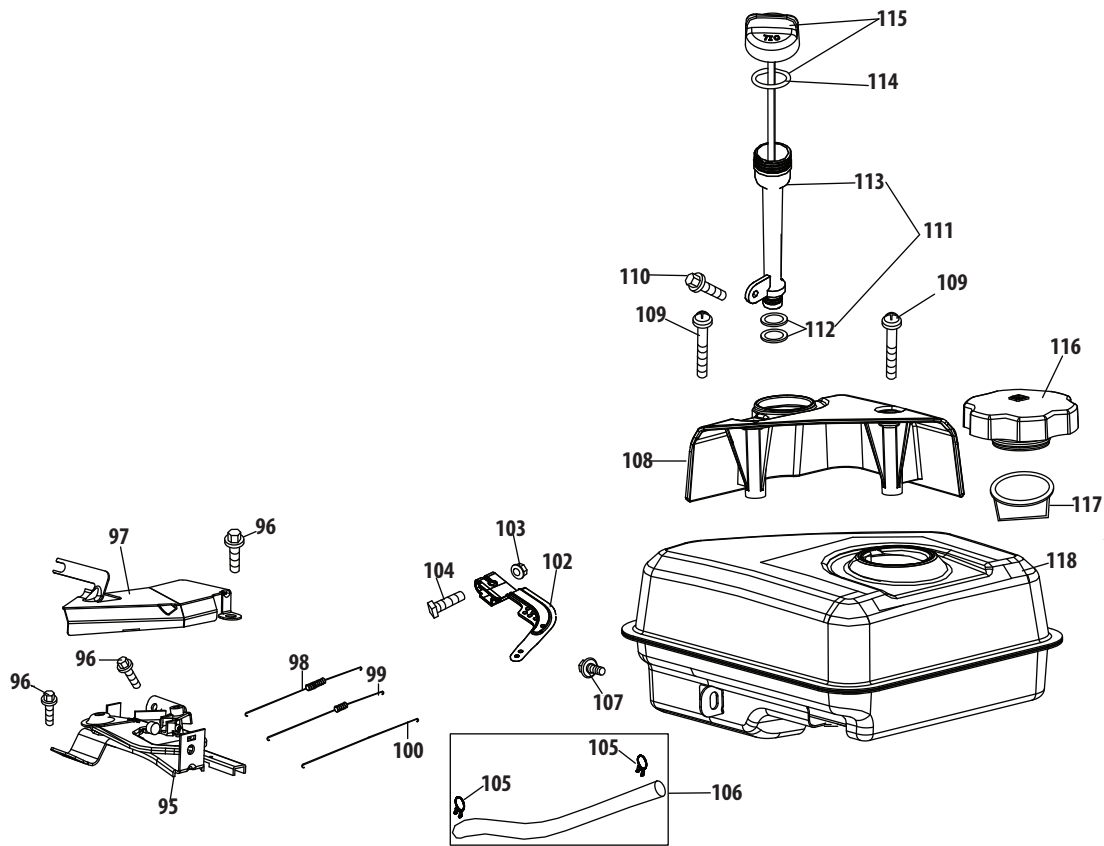
Ref.	Part Number	Description
69	951-11246	Crankcase Cover Kit (Incl. 62,68-74)
70	710-04932	Bolt M8×32
71	951-11283	Oil Filler Plug Assembly
73	951-11577	O-Ring 15.8×2.5
74	951-11368	Oil Seal, 25×41.25×6
75	951-11249	Crankcase Kit (Incl. 59,62,74,75,79)
	951-11060B	Short Block Assembly (Incl. 4,21,27-29,44,46, 47,50-53,56-79)
76	951-11350	Oil Drain Pipe
77	736-04440	Washer 10×16×1.5
78	710-04906	Oil Drain Plug
79	951-11370	Oil Seal 25×41.25×6
131	951-10641	Oil Drain Assembly
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 Starter Assembly & Blower Housing



Ref.	Part Number	Description
80	951-10646	Ignition Coil Assembly
81	951-11110	Air Flow Shield
82	710-04940	Bolt M6×10
83	710-04919	Bolt M6×25
84	951-12050A	Alternator Assembly
85	951-12051	Flywheel
86	951-10934	Cooling Fan
87	951-10911	Starter Cup
88	712-04209	Flywheel Nut, M14×1.5
89	710-04915	Bolt M6×12
91	951-10663A	Blower Housing
92	736-04455	Washer 6
93	710-04974	Bolt M6×10

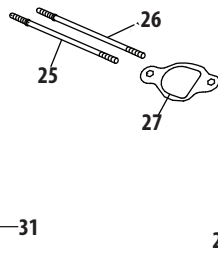
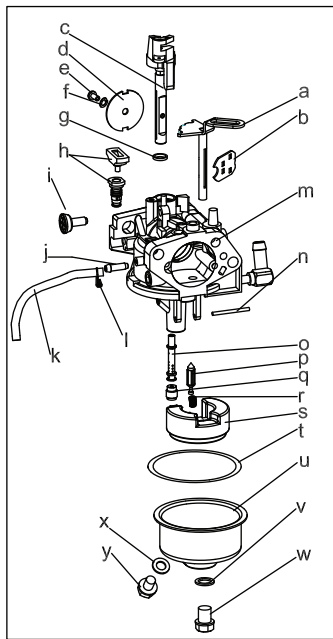
Ref.	Part Number	Description
94	751-14151	Recoil Starter Assembly
119	710-04914	Bolt M6×10
120	951-11680	Electric Starter Cord Retainer
121	951-11114	Switch Housing Mounting Bracket
122	712-05015	Nut, M6
123	710-04965	Bolt M4×55
124	710-04935	Bolt M4×60
125	710-05182	Bolt M6×32
126	715-04088	Dowel Pin 8×8
127	951-10645A	Electric Starter
128	710-04915	Bolt M6×12
129	951-11109	Blower Housing Shield



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

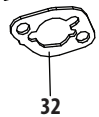
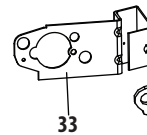
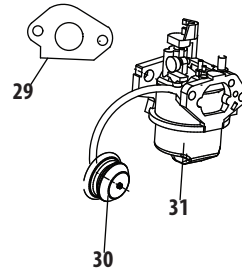
Ref.	Part Number	Description
108	951-11914	Dipstick Decoration Cover
109	710-04905	Bolt
110	710-04915	Bolt M6×12
111	951-11913	Oil Fill Tube Assembly
112	951-11904	Dipstick O-Ring
113	951-10656	Oil Fill Tube
114	951-11381	Dipstick O-Ring
115	951-12482	Dipstick Asm
116	951-12533	Fuel Cap Assembly
117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

370-SUC Carburetor



135 - Carburetor Kit - Deni

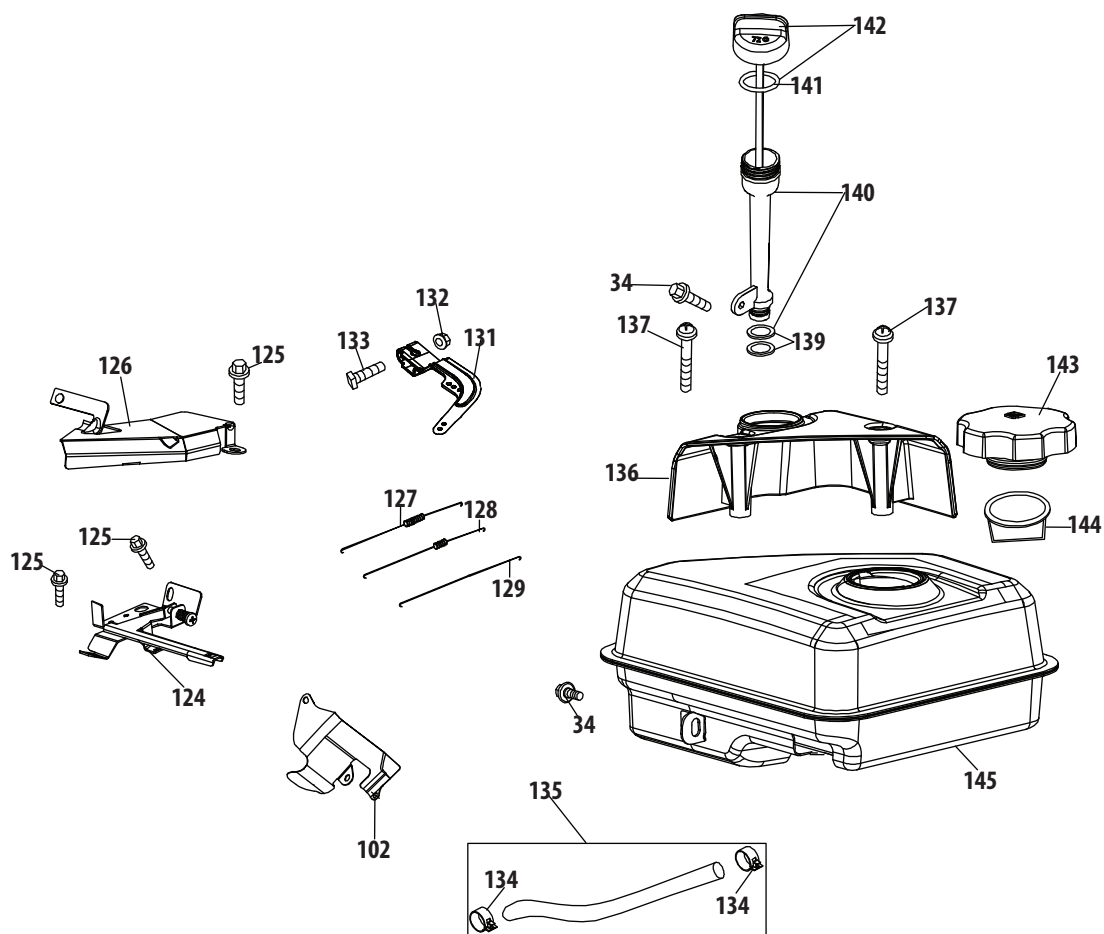
136 - Carburetor Kit - Huayi



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

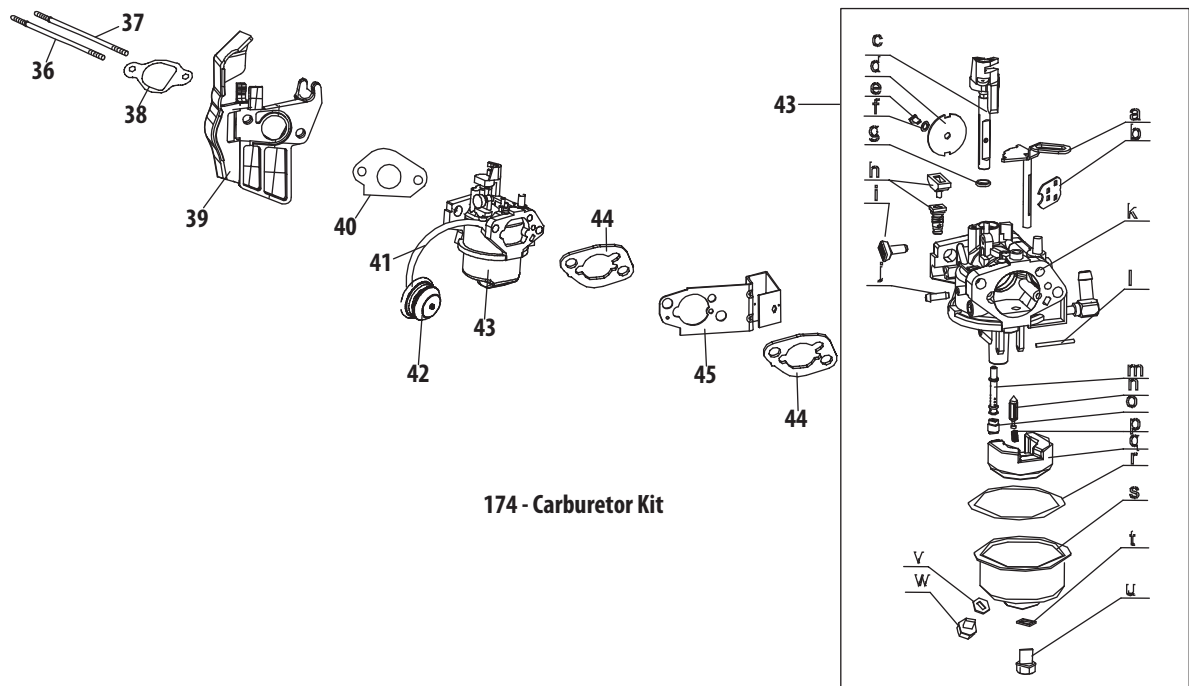
Ref.	Part Number	Description
g	n/a	Gasket, Throttle Plate
h	n/a	Idle Jet Assembly (0.45)
i	n/a	Idle Speed Adjusting Screw
j	n/a	Mixture Screw
k	951-11699	Primer Hose
l	951-11906	Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube (P19-010)
p	951-12875	Needle Valve - Huayi
p	751-14049	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 375-SU Fuel Tank & Mounting



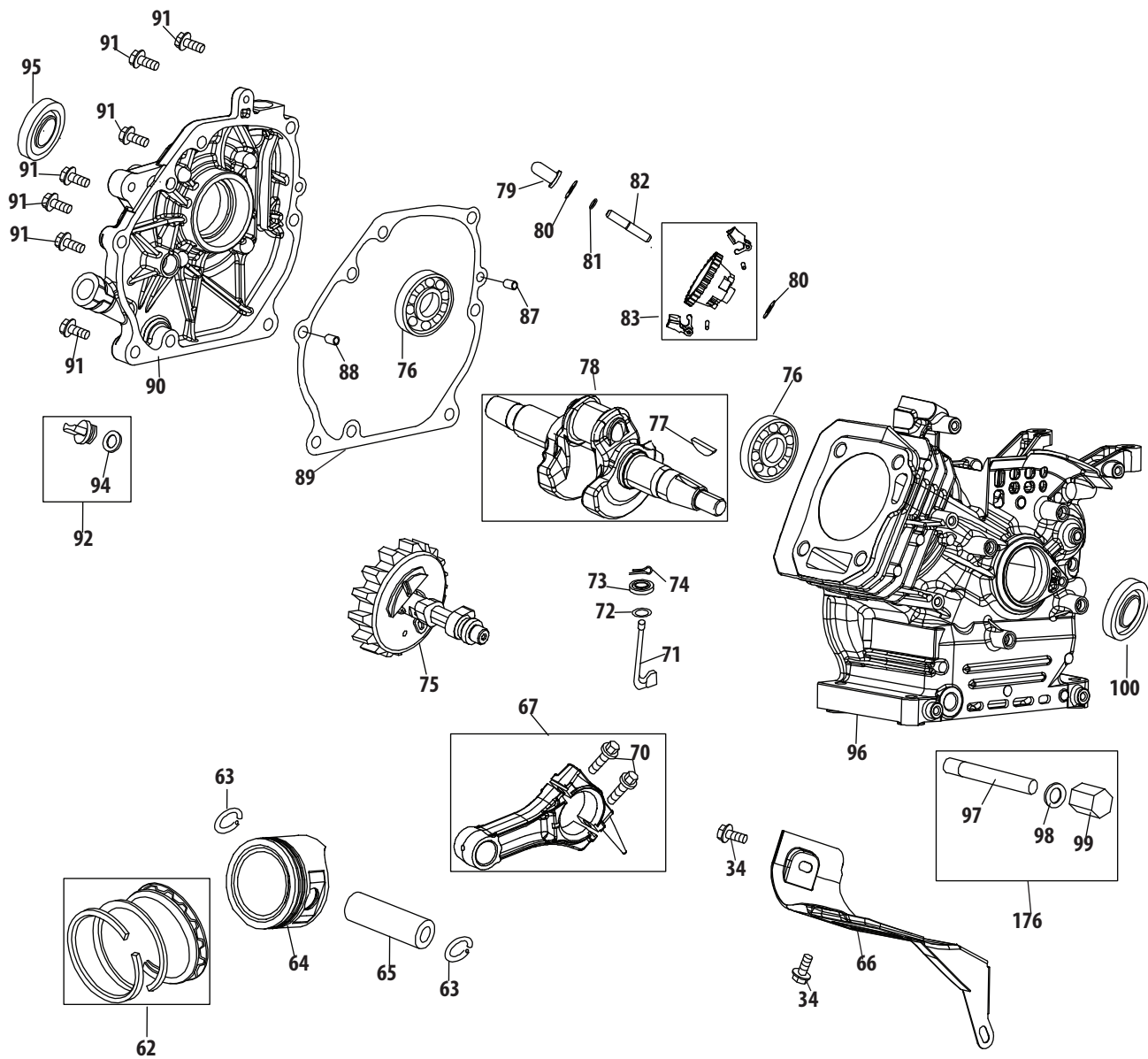
Ref.	Part Number	Description
34	710-04915	Bolt M6×12
102	908-05070	Air Shield
124	951-10758	Throttle Bracket
125	710-05103	Bolt M6×12
126	951-11108	Governor Linkage Shield
127	951-11935	Governor Spring
128	951-10664	Throttle Linkage Spring
129	951-10665	Throttle Linkage
131	951-11106	Governor Arm
132	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



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,i,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



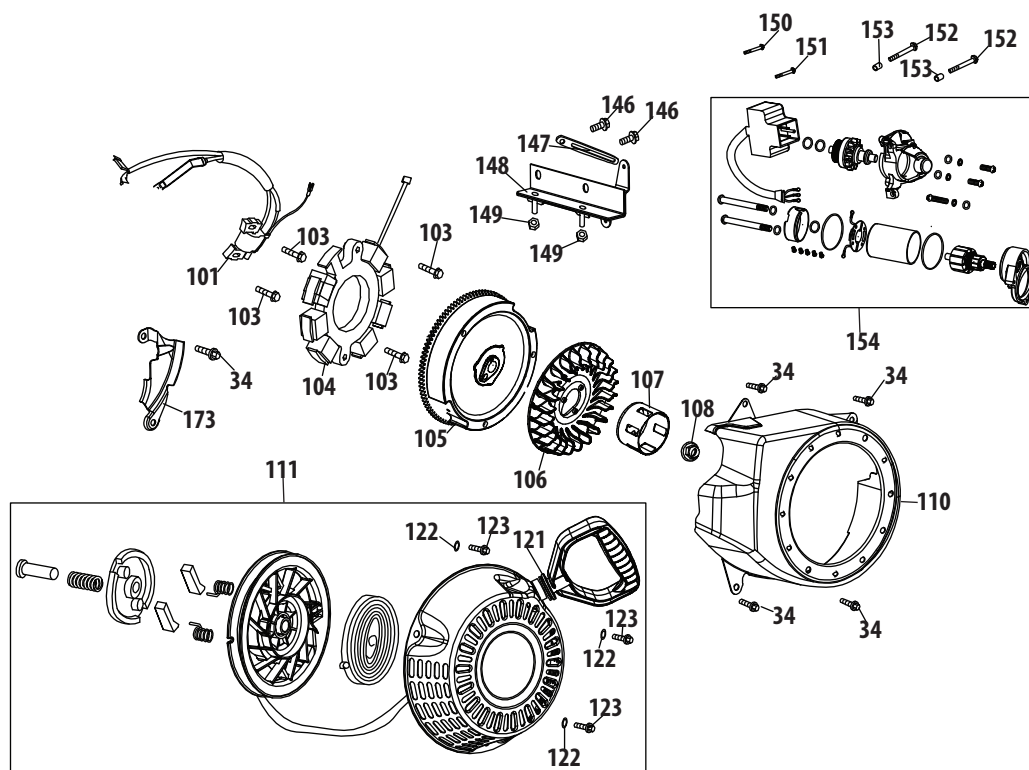
177 - Complete Engine

178 - Gasket Kit - External

179 - Gasket Kit - Complete

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			

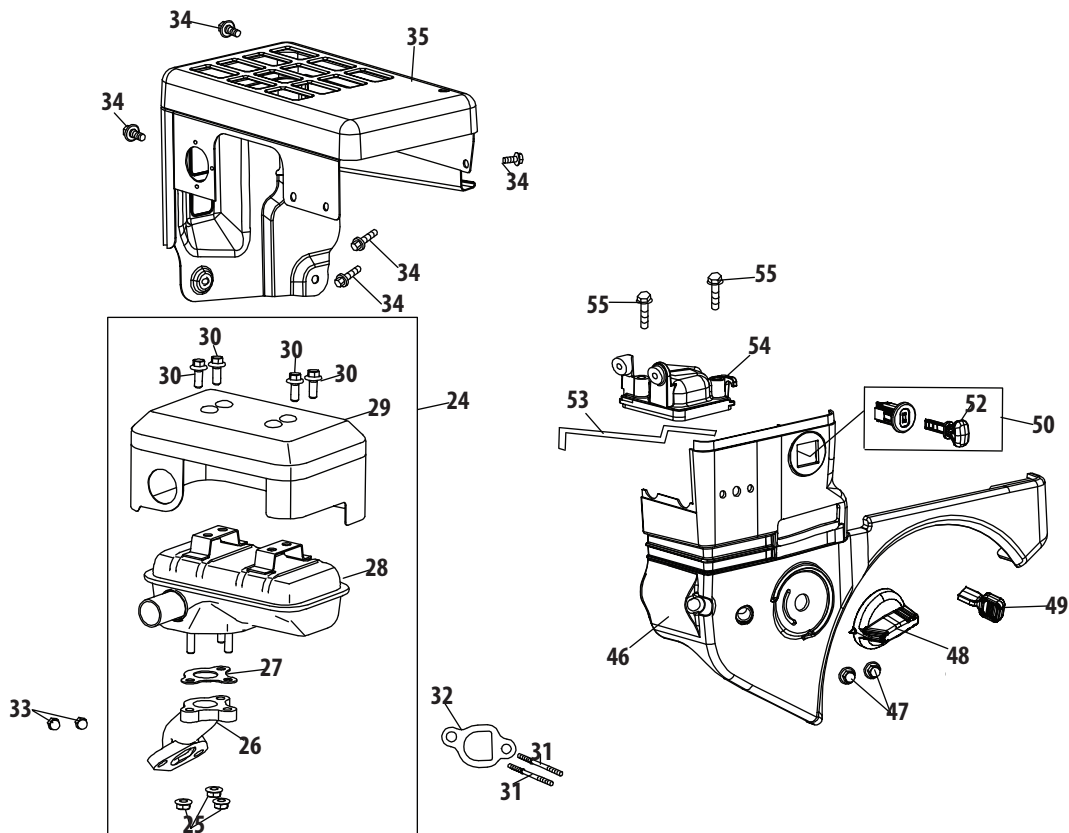
375-SU Starter & Blower Housing



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

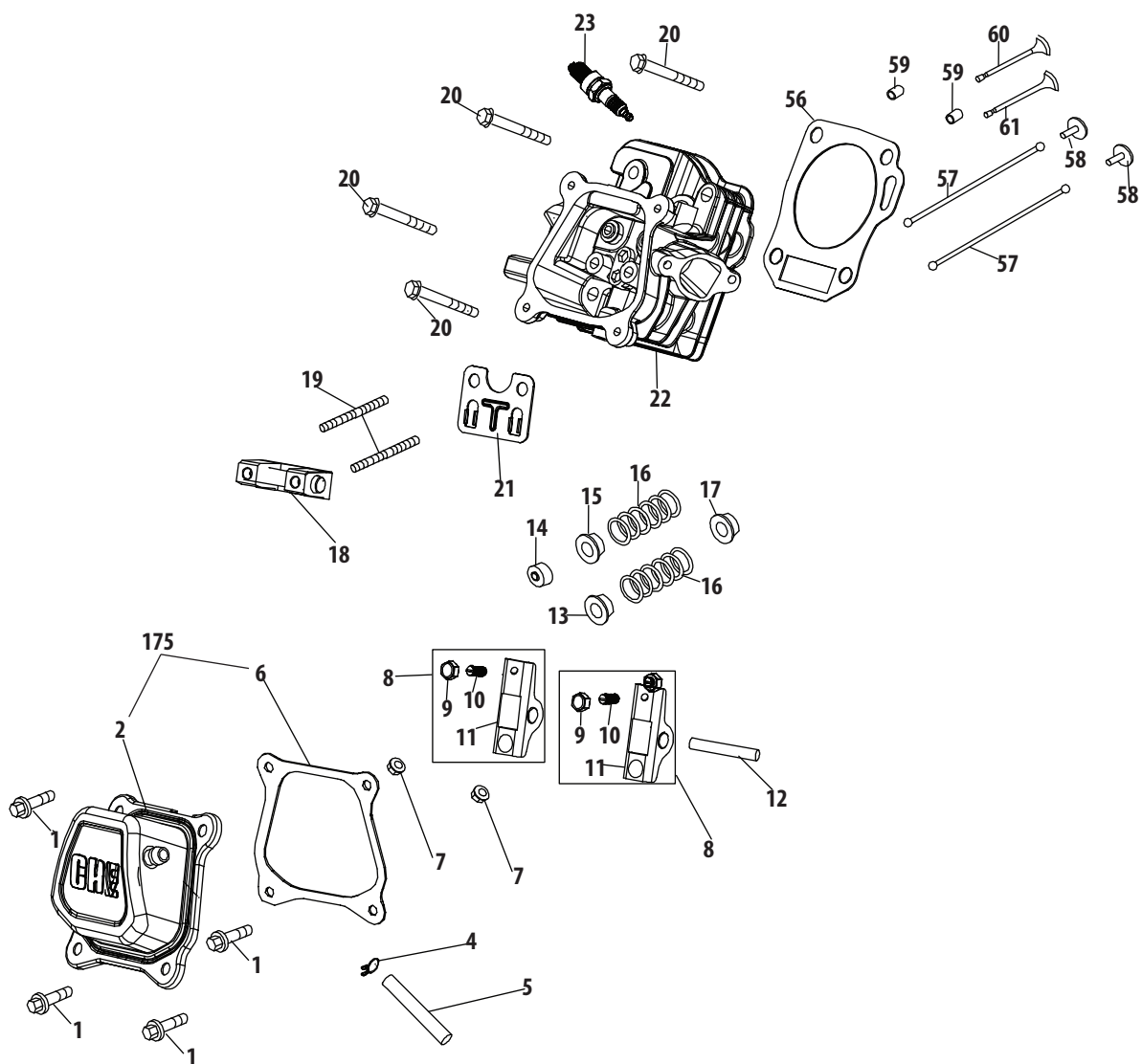
375-SU Muffler & Air Housing



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

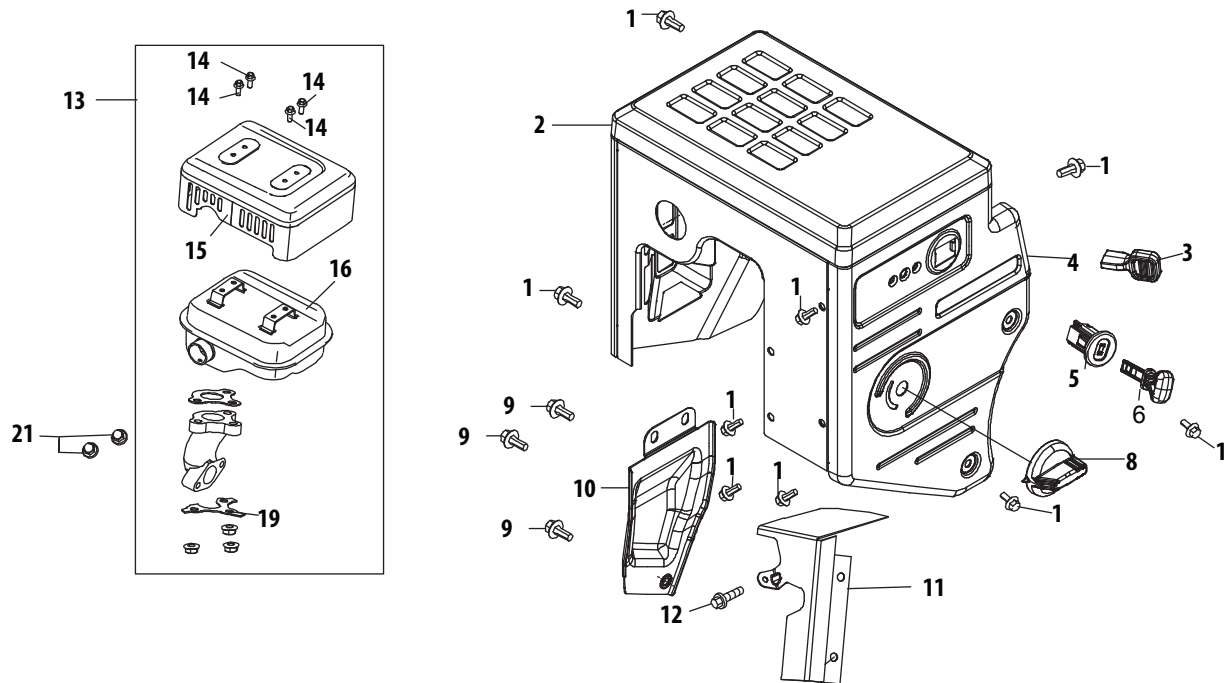
179 - Gasket Kit - Complete

375-SU Cylinder Head

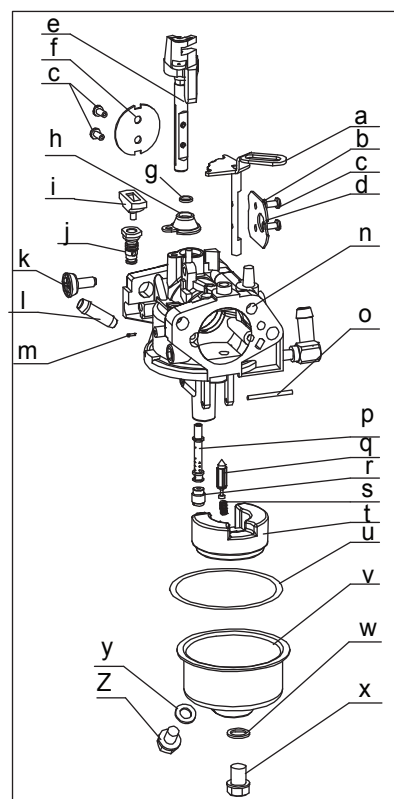
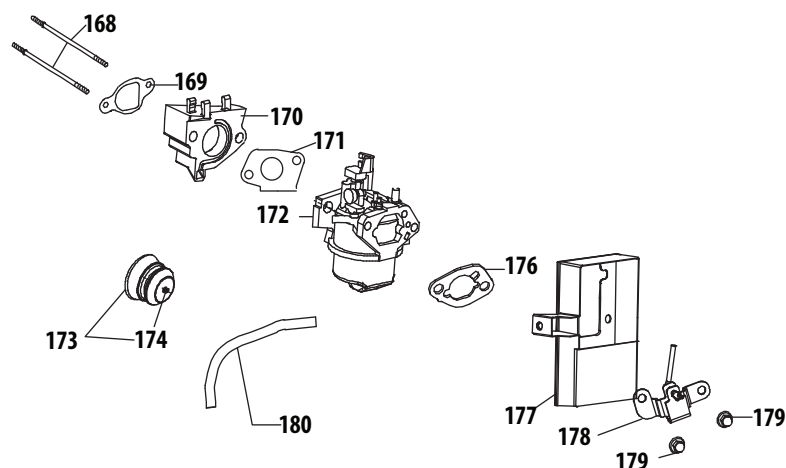
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	908-05028	Valve Cover
4	726-04101	Clamp, Fuel Hose
5	951-14074	Breather Hose
6	921-04673	Valve Cover Gasket
7	712-05015	Nut M6
8	951-05041	Rocker Arm Assembly
9	910-06091	Valve Clearance Adjustment Screws
10	912-05050	Adjust Nut
11	951-12372	Rocker Arm
12	951-14374	Rocker Arm Pivot Shaft
13	951-12000	Valve Spring Retainer (Intake)
14	951-12002	Exhaust Lash Cap
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

Ref.	Part Number	Description
21	908-05066	Push Rod Guide
22	951-05136	Cylinder Head Assembly (Incl.7,9-19,21,22,60,61)
23	951-10292	Spark Plug/F6Rtc
56	921-04674	Gasket, Cylinder Head
57	751-14370	Kit-Push Rod
58	951-14470	Tappet
59	715-04122	Dowel Pin 12×16
60	951-10647A	Valve Kit
61	951-10647A	Valve Kit
175	951-05134	Valve Cover Kit (Incl.2,6)
177	952Z375-SU	Complete Engine
178	951-05133	Gasket Kit - External (Incl.6,32,38-40,44)
179	651-05132	Gasket Kit - Complete (Incl.6,32,38-40,44,56, 72-73,89,95,98,100)

Engine Model 478-SUC Muffler & Controls



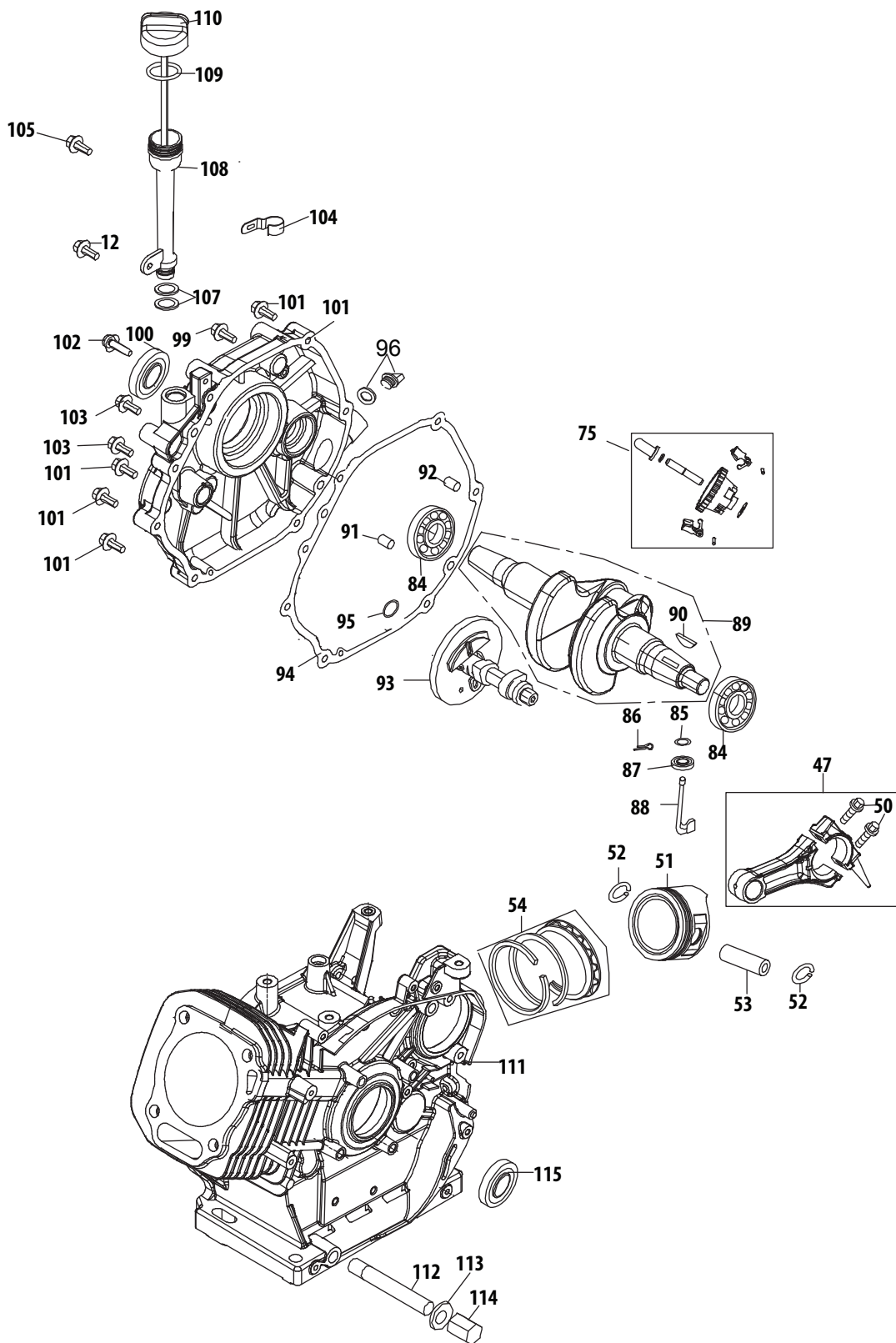
Ref.	Part Number	Description
1	710-04915	BOLT M6×12
2	951-11194	MUFFLER SHIELD
3	951-10757	THROTTLE CONTROL KNOB
4	951-11594	CONTROL PANEL
5	951-10637	ENGINE SWITCH BASE
6	951-10630	KEY
8	951-11302	CHOKE KNOB
9	710-04914	BOLT M6×10
10	951-11181	EXHAUST PIPE SHIELD
11	951-11227	CARB ISOLATOR BRACKET
12	710-04968	BOLT M6×16
13	951-11195	MUFFLER ASSEMBLY
14	710-05051	BOLT
15	908-05051	MUFFLER GUARD
16	908-05020	MUFFLER BODY
19	908-05052	GASKET
21	712-05059	NUT, M8



Ref.	Part Number	Description
168	710-04963	STUD M6-8x104
169	951-11225	CARBURETOR INSULATOR GASKET
170	951-11222	CARBURETOR INSULATOR
171	951-11223	CARBURETOR GASKET
172	951-05275	CARBURETOR ASSEMBLY
173	951-10639A	PRIMER ASSEMBLY
174	951-11824	PRIMER
176	751-14980	GASKET,AIR CLEANER
177	751-14728	HEATER BOX
178	951-11192	CHOKE CONTROL
179	712-05015	NUT M6
180	751-14983	FUEL HOSE 3.2x6.5x240
172	951-05275	CARBURETOR ASSEMBLY
a	n/a	CHOKE SHAFT
b	736-04638	LOCK WASHER
c	710-05469	SCREW M3x6
d	n/a	CHOKE PLATE
e	n/a	THROTTLE SHAFT
f	n/a	THROTTLE PLATE
g	n/a	GASKET

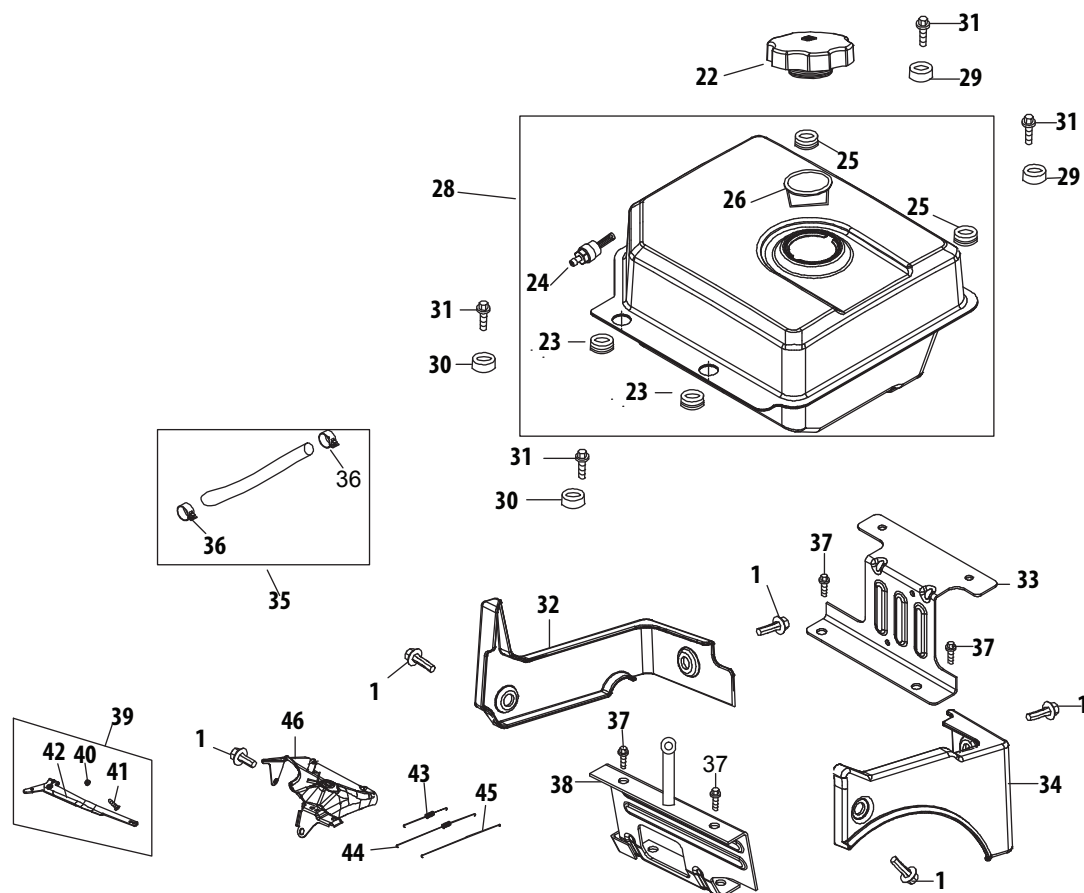
Ref.	Part Number	Description
h	n/a	THROTTLE SHAFT COVER
i	n/a	IDLE JET RIVET
j	n/a	IDLE JET ASSEMBLY
k	n/a	IDLE SPEED ADJUSTING SCREW
l	n/a	WASTE PIPE
m	n/a	PRIMER PIPE
n	n/a	CARBURETOR BODY
o	n/a	FLOAT PIN
p	n/a	EMULSION TUBE
q	n/a	NEEDLE VALVE
r	n/a	MAIN JET
s	n/a	NEEDLE VALVE SPRING
t	n/a	FLOAT
u	951-11970	FUEL BOWL GASKET
v	n/a	FUEL BOWL
w	951-11348	FUEL BOWL GASKET
x	710-04945	FUEL BOWL MOUNTING BOLT
y	951-11349	FUEL DRAIN PLUG GASKET
z	710-04938	FUEL DRAIN PLUG

478-SUC Crankcase



Ref.	Part Number	Description	Ref.	Part Number	Description
47	951-12066	CONNECTING ROD ASSEMBLY	96	651-05020A	DIPSTICK ASSEMBLY
50	710-05319	CONNECTING ROD BOLT	99	951-12395	CRANKCASE COVER
51	951-12043	PISTON	100	951-11372	OIL SEAL, 30×46×8
52	951-11632	PISTON PIN SNAP RING	101	710-06061	BOLT M8×38
53	951-12044	PISTON PIN	102	710-06289	BOLT M8×45
54	951-12387	PISTON RING SET	103	710-06063	BOLT M8×35
75	751-12068	GOVERNOR GEAR	104	951-11320	DIPSTICK CLAMP
84	951-12069	RADIAL BALL BEARING	105	710-05349	BOLT M6×8
85	736-04453	WASHER 8×20×0.8	106	631-05032A	DIPSTICK ASSEMBLY
86	714-04077	COTTER PIN	107	951-11381	OIL FILL TUBE O-RING
87	951-11958	GOVERNOR SEAL	108	731-09317	OIL FILL TUBE
88	951-12071	GOVERNOR ARM SHAFT	109	921-04663	DIPSTICK O-RING
89	751-14201	CRANKSHAFT ASSEMBLY	110	731-09316	DIPSTICK
90	951-10307	WOODRUFF KEY	111	751-14202	CRANKCASE COMP.
91	715-04102	DOWEL PIN 9×12	112	951-11350	OIL DRAIN PIPE
92	715-04092	DOWEL PIN 7×14	113	736-04440	WASHER 10×16×1.5
93	751-12072A	CAMSHAFT ASSEMBLY	114	951-11499	OIL DRAIN PLUG
94	951-11374	CRANKCASE COVER GASKET	115	951-11498	OIL SEAL 30×46×8
95	736-04545	WASHER 16×24×0.5		952Z478-SUC	COMPLETE ENGINE

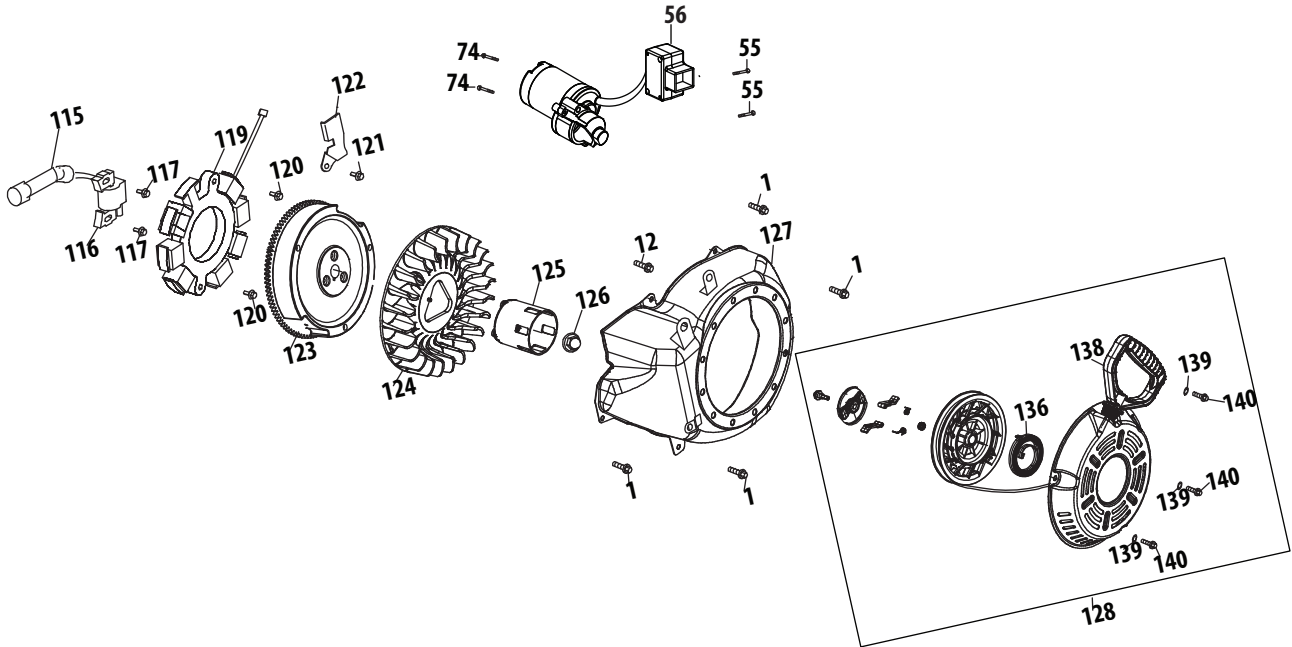
478-SUC Fuel Tank & Mounting



Ref.	Part Number	Description
22	951-12533	FUEL CAP ASSEMBLY
23	736-04451	VIBRATION PAD
24	951-10651	DRAIN PIPE
25	736-04450	VIBRATION PAD
26	951-11933	FUEL LEVEL INDICATOR
28	951-11201	FUEL TANK ASSEMBLY
29	750-05312	BUSH, GAS TANK
30	750-05313	BUSH, GAS TANK
31	710-04970	BOLT M8×20
32	951-11184	GOVERNOR COVER
33	951-11183	REAR MAINTING BRACKET ASSY.
34	951-12385	DECORATE COVER

Ref.	Part Number	Description
35	951-11200	FUEL HOSE
36	951-11700	FUEL HOSE CLAMP
37	710-04921	BOLT M8×14
38	951-11182	GAS TANK SUPPORT BRACKET
39	951-14200	GOVERNOR LEVER
40	712-05015	NUT M6
41	710-04908	GOVERNOR ARM BOLT
42	951-14200	GOVERNOR ARM
43	951-11202	GOVERNOR SPRING
44	951-11203	THROTTLE LINKAGE SPRING
45	951-11204	THROTTLE LINKAGE
46	951-11213	PRIMER BRACKET

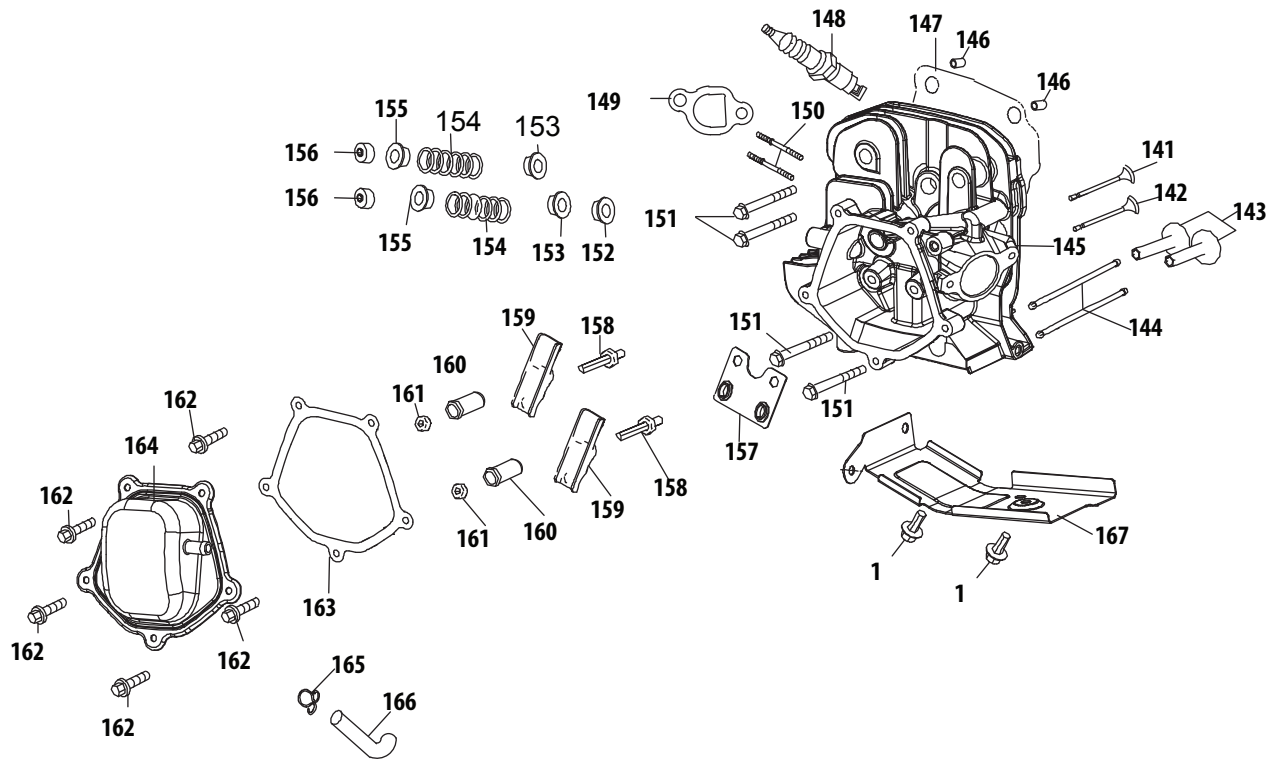
478-SUC Starter & Blower Housing



Ref.	Part Number	Description
1	710-04915	BOLT M6×12
12	710-04968	BOLT M6×16
55	710-04965	BOLT M4×55
56	951-11196	ELECTRIC STARTER
74	710-04967	BOLT M8×55
116	751-11197A	IGNITION COIL ASSEMBLY
117	710-05350	IGNITION COIL BOLT
119	951-12555	ALTERNATOR ASSEMBLY
120	710-04969	BOLT M6×30
121	710-04966	BOLT M6×8

Ref.	Part Number	Description
122	951-11186	WIRE PLATE
123	951-12090	FLYWHEEL
124	951-11217	COOLING FAN
125	951-11218	STARTER CUP
126	712-04220	NUT, SPECIAL, M16×1.5
127	951-11379	BLOWER HOUSING
128	951-11208	RECOIL STARTER
136	932-05127	RECOIL SPRING
138	731-05696	STARTER HANDLE
139	736-04455	GASKET φ6

478-SUC Cylinder Head



478-SUC Cylinder Head

Ref.	Part Number	Description
1	710-04915	BOLT M6×12
141	751-14204	EXHAUST VALVE
142	751-14203	INTAKE VALVE
143	951-11962	TAPPET
144	751-14205	PUSH ROD
145	751-14206	CYLINDER HEAD
146	715-04097	DOWEL PIN 12×20
147	951-12076	GASKET, CYLINDER HEAD
148	951-10292	SPARK PLUG/F6RTC
149	951-11212	EXHAUST PIPE GASKET
150	710-04964	STUD M8×48.5
151	710-04965	BOLT M10×1.25×80
152	951-11964	VALVE SEAL (INTAKE)
153	951-12077	VALVE SPRING RETAINER(INTAKE)

Ref.	Part Number	Description
154	951-12078	VALVE SPRING
155	951-12080	VALVE SPRING RETAINER
156	951-12081	EXHAUST LASH CAP
157	951-11965A	PUSH ROD GUIDE
158	710-04962	BOLT, PIVOT
159	951-11966	ROCKER ARM
160	751-11123	ADJUSTING NUT ,VALVE
161	751-11124	NUT, PIVOT LOCKING
162	710-05054	VALVE COVER BOLT
163	951-11967	VALVE COVER GASKET
164	951-11220	VALVE COVER
165	726-04101	BREATHER HOSE CLAMP
166	751-14982	BREATHER HOSE
167	951-11180	AIR SHIELD

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