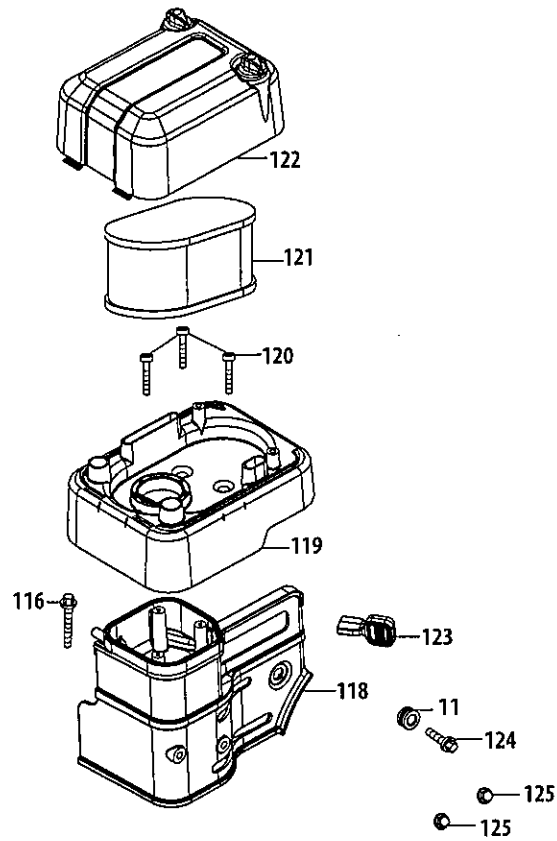
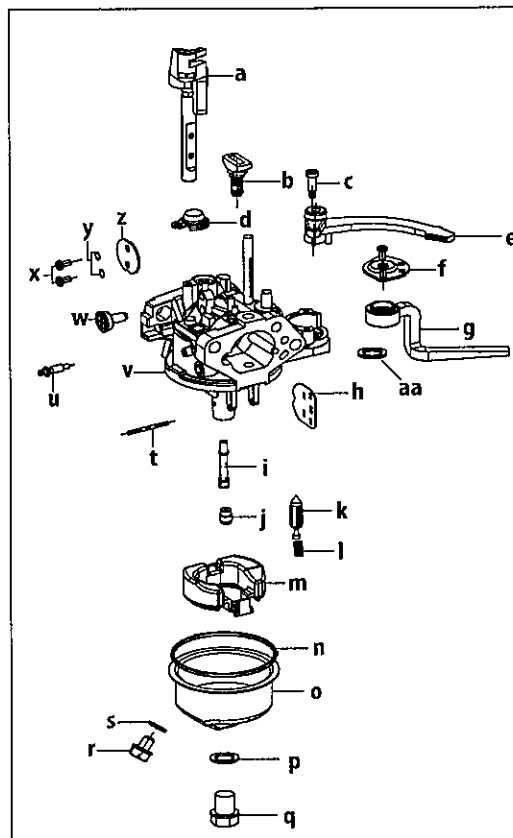
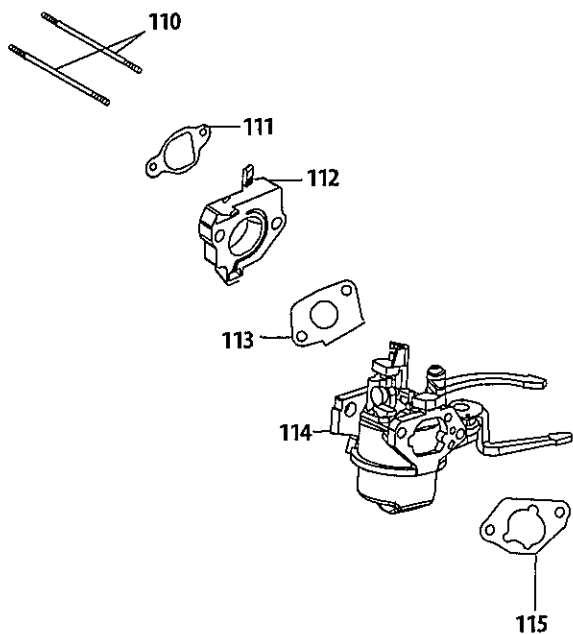


# 178-L0-11 Air Cleaner



Ref.	Part Number	Description
11	736-04452	Washer, Flat
116	710-04969	Bolt M6×30
118	951-12407	Air Filter Housing
119	951-12408	Air Filter Base
120	710-05352	Countersunk Screw
121	951-12260	Air Filter Assembly
122	951-12047	Air Filter Cover
123	951-12409	Throttle Control Knob
124	710-04968	Bolt M6×16
125	712-04213	Plate-Shaped Nut

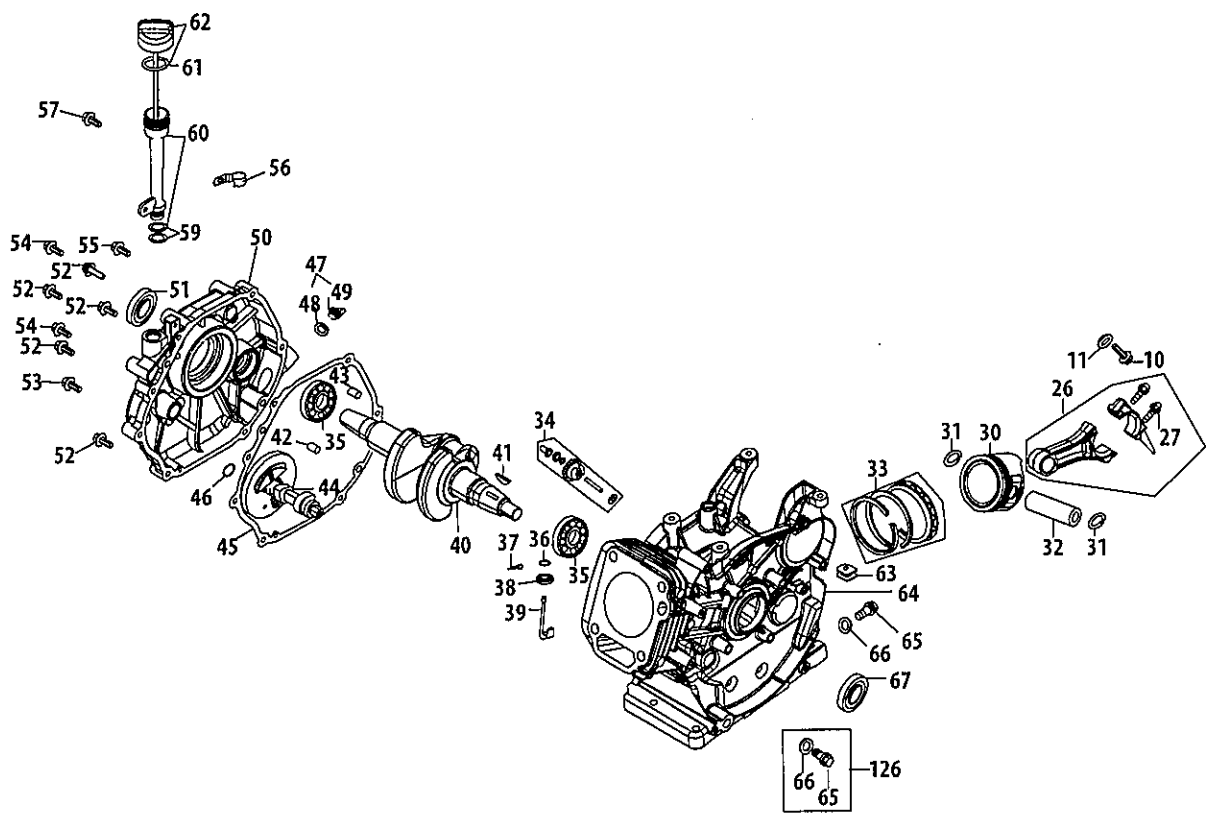
## 178-L0-11 Carburetor Assembly



Ref.	Part Number	Description
110	710-05351	Carburetor Stud
111	951-11225	Carburetor Insulator Gasket
112	951-11222	Carburetor Insulator
113	951-11223	Carburetor Gasket
114	951-12374	Carburetor Assembly
115	951-12406	Carburetor Gasket Plate
a	N/A	Throttle Shaft
b	N/A	Idle Jet Assembly
c	N/A	Pin
d	N/A	Lock Plate
e	951-12422	Choke Knob
f	N/A	Throttle Shaft Dust Seal
g	951-12423	Fuel Shut-Off Lever
h	N/A	Choke Plate
i	N/A	Emulsion Tube
j	N/A	Main Jet
k	N/A	Needle Valve
l	N/A	Needle Valve Spring
m	N/A	Float

Ref.	Part Number	Description
n	951-11970	Fuel Bowl Gasket
o	N/A	Fuel Bowl Gasket
p	951-11348	Fuel Bowl Gasket
q	710-04945	Fuel Bowl Mounting Bolt
r	710-04938	Fuel Drain Plug
s	951-11349	Fuel Drain Plug Gasket
t	N/A	Float Pin
u	N/A	Mixture Screw
v	N/A	Carburetor Body
w	N/A	Idle Speed Adjusting Screw
x	N/A	Screw M3x5
y	N/A	Lock Washer
z	N/A	Throttle Plate
aa	951-12475	Gasket, Fuel Shut off
	951-12383	Carburetor Kit - Major (Incl.f,l,j,k,l,m,n,o,s,t)
	951-12377	Gasket Kit - - External (Incl.66,90,105,111-113,115)

# 178-L0-11 Crankshaft & Crankcase

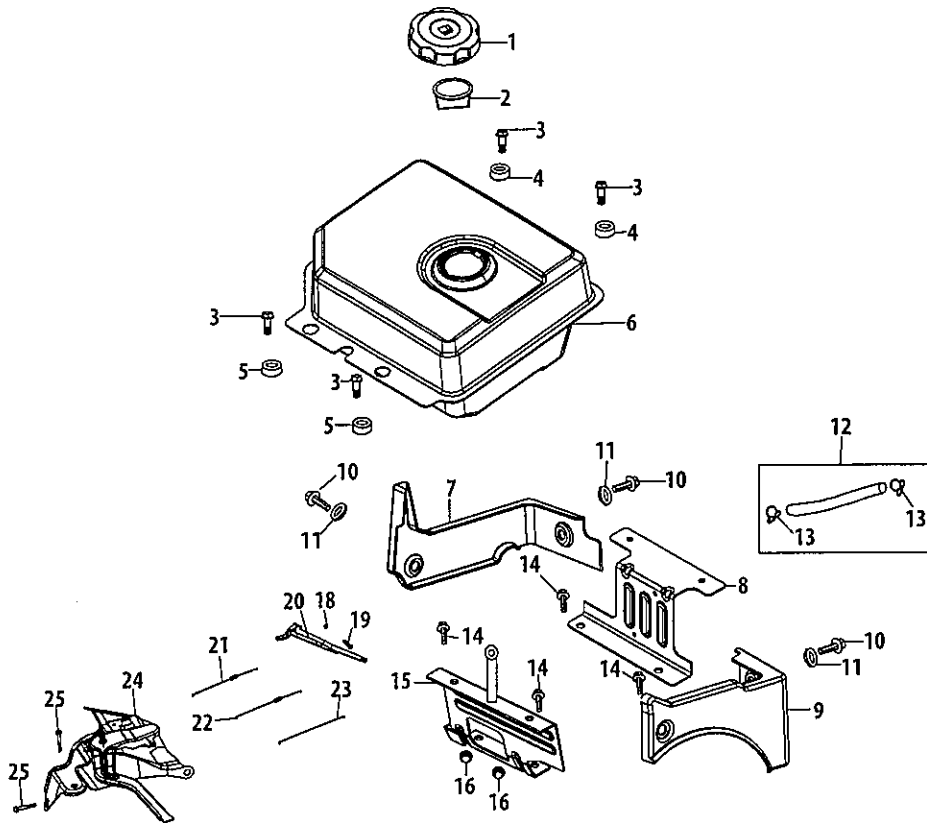


## 178-L0-11 Crankshaft & Crankcase

Ref.	Part Number	Description
10	710-04968	Bolt M6x16
11	736-04452	Washer
26	951-12066	Connecting Rod Assembly
27	710-05319	Connecting Rod Bolt
30	951-12043	Piston
31	951-11632	Piston Pin Snap Ring
32	951-12044	Piston Pin
33	951-12387	Piston Ring Kit
34	751-12068	Governor Gear/Shaft Assembly
35	951-12069	Radial Ball Bearing
36	736-04453	Washer 8x20x0.8
37	714-04077	Cotter Pin
38	951-12388	Governor Seal
39	951-12071	Governor Arm Shaft
40	951-12389	Crankshaft Assembly
41	951-10307	Woodruff Key
42	715-04102	Dowel Pin 9x12
43	715-04092	Dowel Pin 7x14
44	951-12072	Camshaft Assy.
45	951-11374	Crankcase Cover Gasket
46	736-04545	Washer 16x24x0.5
47	951-12390	Oil Filler Plug Assembly
48	951-12391	O-Ring 15.8x2.5
49	951-12394	Oil Filler Plug
50	951-12395	Cover Comp, Left Crankcase

Ref.	Part Number	Description
51	951-12396	Oil Seal, 30x46x8
52	710-04971	Bolt M8x38
53	710-04972	Bolt M8x45
54	710-05052	Bolt M8x35
55	710-04968	Bolt M6x16
56	951-11320	Dipstick Clamp
57	710-05349	Bolt M6x8
59	951-12397	Oil Fill Tube O-Ring
60	951-12384	Oil Fill Tube Asm
61	951-11547	Dipstick O-Ring
62	951-12382	Dipstick Assembly
63	951-12398	Wire Clamp Rubber
64	951-12381	Crankcase (Incl.26,30-47,50-54,64-67,83, 86,87,90,92,105,111,112)
65	951-12399	Oil Drain Plug
66	736-04585	Washer 12x20x2
67	951-12400	Oil Seal 30x46x8
126	951-12378	Oil Drain Plug & Washer Assembly
	952Z178-L0-11	Complete Engine
	951-12377	Gasket Kit - External (Incl.66,90,105,111-113,115)
	951-12380	Gasket Kit - Complete (Incl.38,45,51,66,67,87,90, 105,111-113)

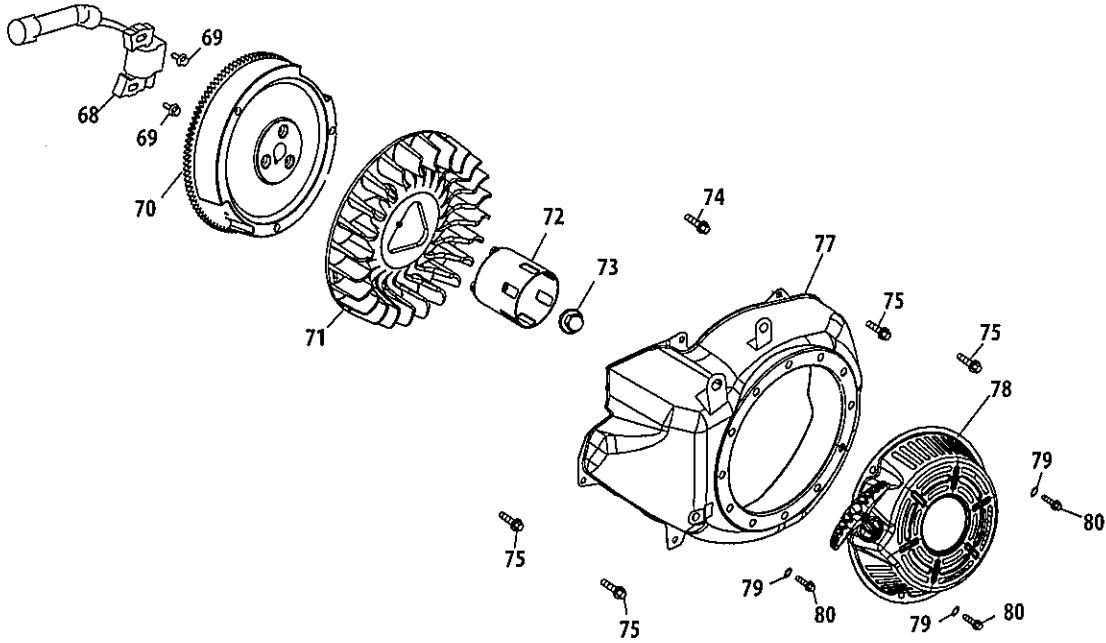
# 178-L0-11 Fuel Tank & Mounting



Ref.	Part Number	Description
1	951-10917A	Fuel Cap Assembly
2	951-11933	Fuel Level Indocator
3	710-04970	Bolt M8x20
4	750-05312	Bush, Gas Tank
5	750-05313	Bush, Gas Tank
6	951-11201	Fuel Tank Assembly
7	951-11184	Plastic Cover
8	951-11184	Rear Mainting Bracket Assy.
9	951-12385	Engine Cover
10	710-04968	Bolt M6x16
11	736-04452	Bush
12	951-11200	Fuel Hose Fuel Hose Kit

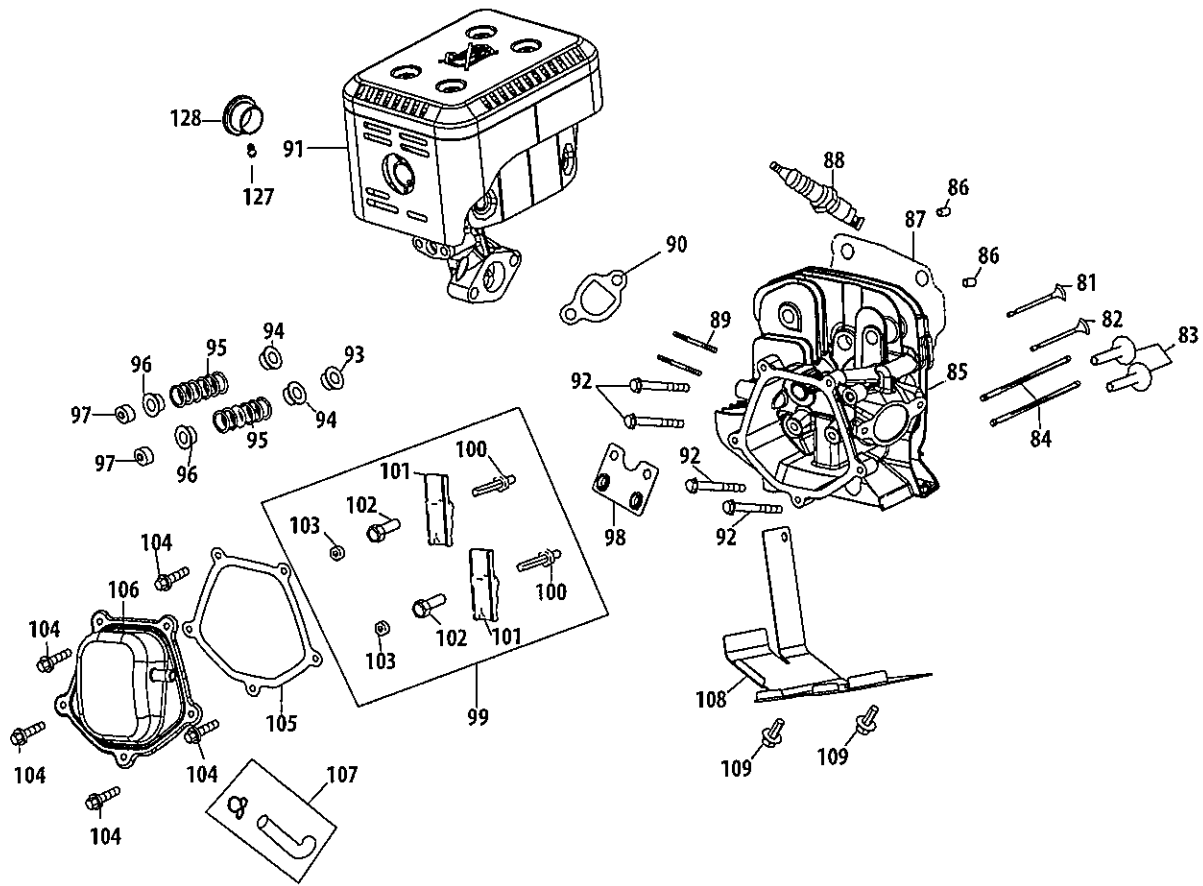
Ref.	Part Number	Description
13	951-11731	Fuel Hose Clamp
14	710-04921	Bolt M8x14
15	951-11182	Gas Tank Bracker
16	712-04219	Nut M8
18	712-04212	Nut M6
19	710-04908	Governor Arm Bolt
20	951-11231	Governor Arm
21	951-11202	Governor Spring
22	951-11203	Throttle Linkage Spring
23	951-11204	Governor Rod
24	951-12386	Throttle Control Bracket
25	710-04916	Bolt, M6x14

# 178-L0-11 Flywheel & Blower Housing



Ref.	Part Number	Description
68	951-12375	Ignition Coil Assembly
69	710-05350	Ignition Coil Bolt
70	951-12401	Flywheel
71	951-11217	Fan, Cooling
72	951-11218	Starter Cup
73	712-04220	Nut, Special, M16x1.5
74	710-04968	Bolt M6x16
75	710-04915	Bolt M6x12
77	951-12402	Starter Housing
78	951-12376	Recoil Starter Assy
79	736-04455	Washer Φ6
80	710-04974	Bolt M6x10

# 178-L0-11 Cylinder Head



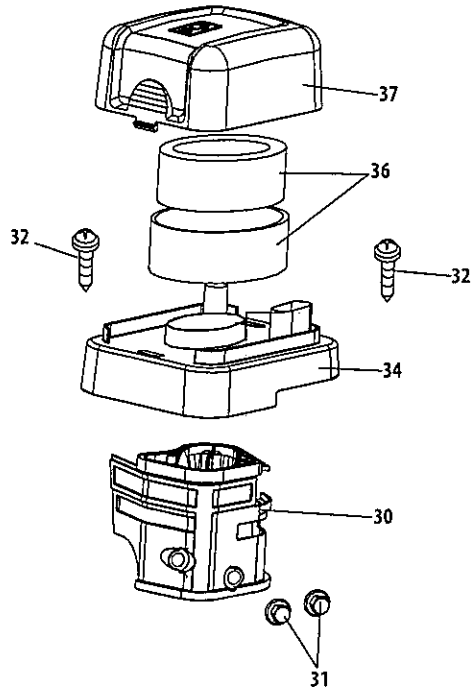
## 178-L0-11 Cylinder Head

Ref.	Part Number	Description
81	951-12379	Valve Kit
82	951-12379	Valve Kit
83	951-11962	Tappet
84	951-11199	Push Rod Kit
85	951-11188	Cylinder Head Assembly (Incl.81,82,85,87,89,90,92-98, 100-103,105,110-112)
86	715-04097	Dowel Pin 12x20
87	951-12076	Gasket, Cylinder Head
88	951-10292	Spark Plug/F6Rtc
89	710-04964	Muffler Stud M8x48.5
89	951-11207	Muffler Stud Assembly
90	951-11212	Muffler Gasket
91	951-12404	Muffler Assembly
92	710-04973	Bolt M10x1.25x80
93	951-11964	Intake Valve Seal
94	951-12077	Valve Spring Retainer
95	951-12078	Valve Spring
96	951-12080	Retainer, Ex.Valve Spring
97	951-12081	Adjuster, Exh Valve
98	951-11965	Push Rod Guide

Ref.	Part Number	Description
99	951-11981	Rocker Arm Assembly
100	710-04962	Bolt, Pivot
101	951-11966	Rocker Arm
102	751-11123	Adjusting Nut,Valve
103	751-11124	Nut, Pivot Locking
104	710-05054	Valve Cover Bolt
105	951-11967	Valve Cover Gasket
106	951-11220	Valve Cover
107	951-12403	Breather Hose Assembly
108	951-12405	Air Shield
109	710-04915	Bolt M6x12
127	710-05347	Bolt, Self Tapping
128	951-12344	Spark Arrestor
	952Z178-L0-11	Complete Engine
	951-11226	Cylinder Head Service Kit (Incl.87,92,93,105)
	951-12377	Gasket Kit - External (Incl.66,90,105,111-113,115)
	951-12380	Gasket Kit - Complete (Incl.38,45,51,66,67,87,90, 105,111-113)

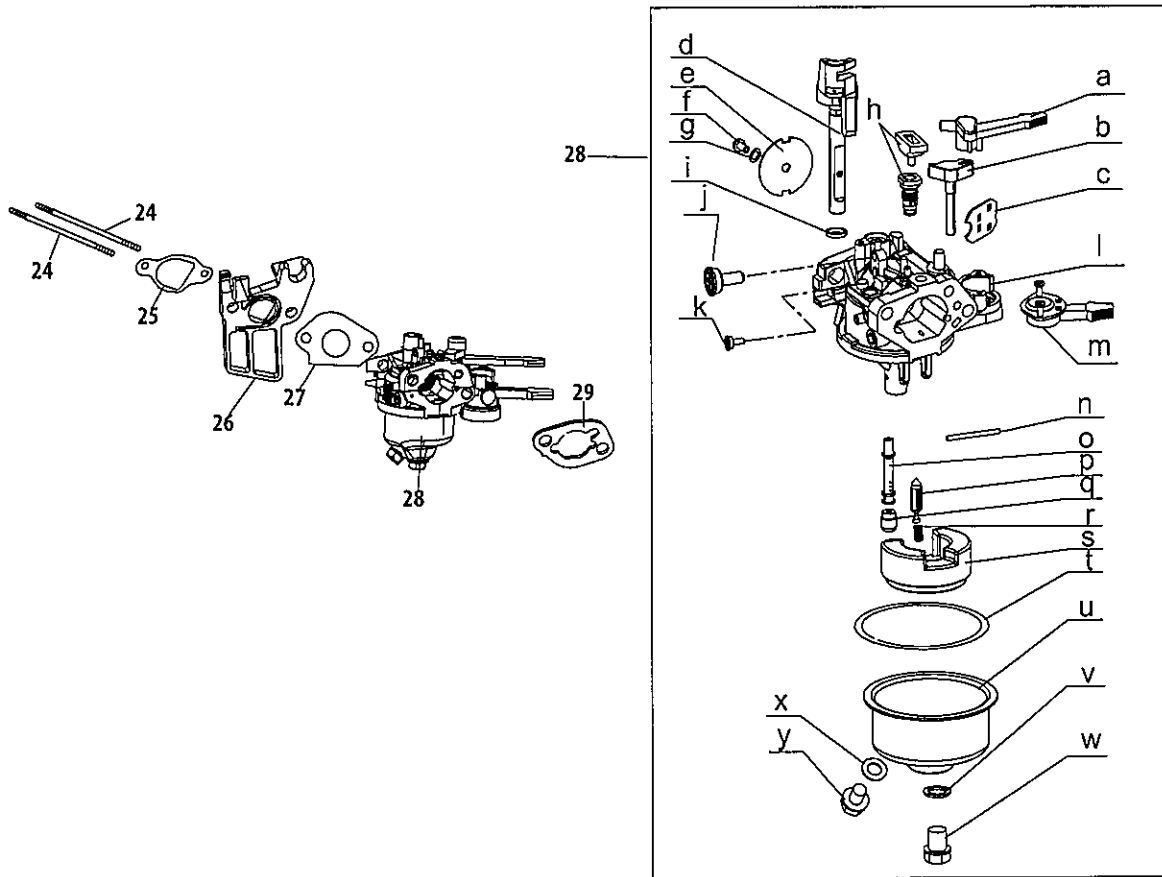


# 170-L0-11 Air Filter



Ref.	Part Number	Description
30	951-12157	Air Cleaner Housing
31	712-04213	Nut
32	710-05102	Self-Tapping Bolt M4.2x16
34	951-12135	Housing - Air Filter Base
36	951-10794	Air Cleaner Filter Assembly
37	951-12136	Air Cleaner Cover

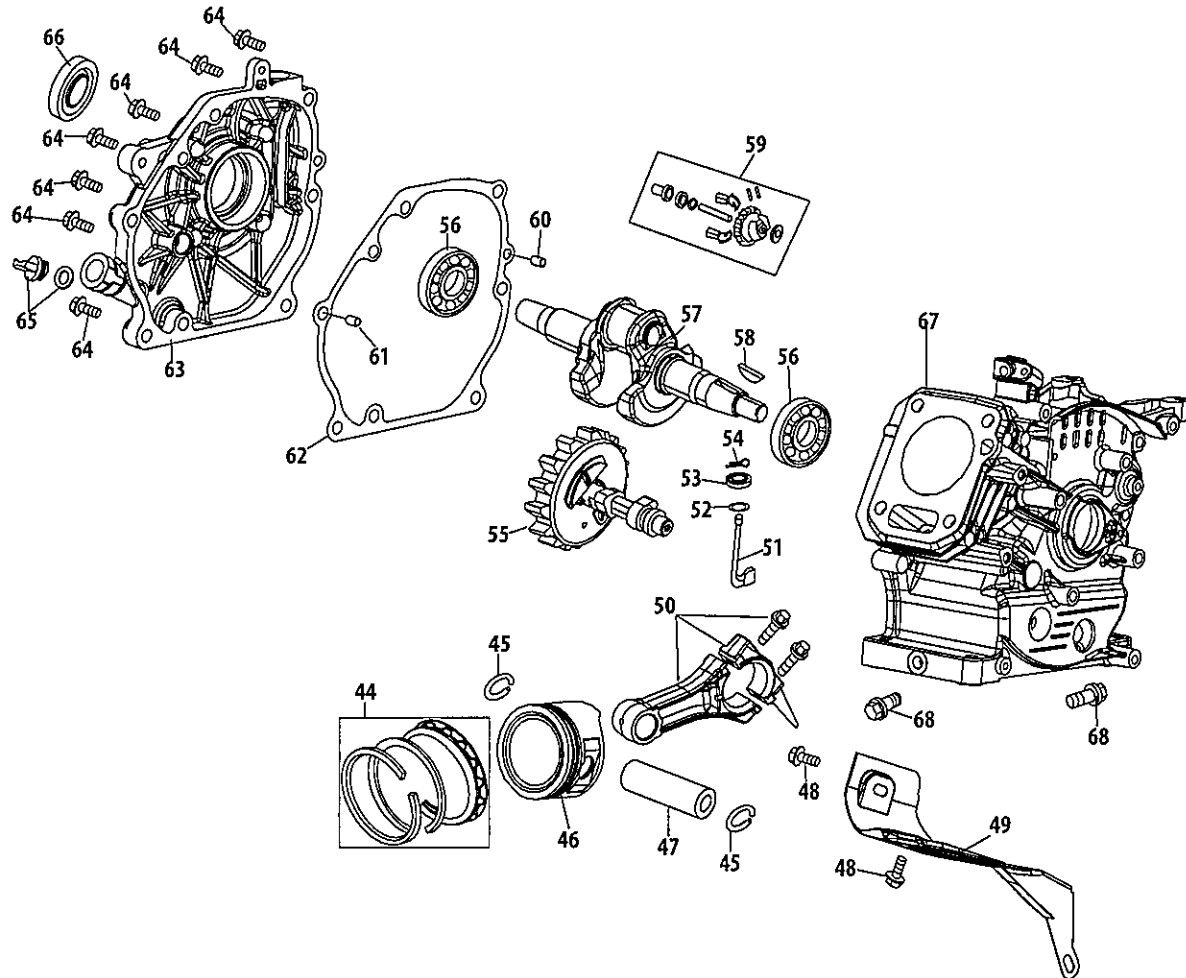
# 170-L0-11 Carburetor



Ref.	Part Number	Description
24	710-05101	Stud M6x110
25	951-11567	Carburetor Insulator Gasket
26	951-11568	Carburetor Insulator
27	951-11569A	Carburetor Gasket
28	751-12552	Carburetor Assembly
29	951-11571	Carburetor Gasket Plate
a		Control Lever,Choke
b		Choke Shaft
c		Choke Plate
d		Throttle Shaft
e		Throttle Plate
f		Screw M3x6
g		Lock Washer
h		Idle Jet Assembly
i		Gasket, Throttle Plate
j		Idle Speed Adjusting Screw
k		Mixture Screw

Ref.	Part Number	Description
l		Carburetor Body
m		Fuel Shutoff Valve
n		Float Pin
o		Emulsion Tube
p		Needle Valve
q		Main Jet
r		Needle Valve Spring
s		Float
t	951-11589	Fuel Bowl Gasket
u		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
	751-12119A	Carburetor Kit - Major (Incl. h,l,j,n,o,p,q,r,s,t,v,x)

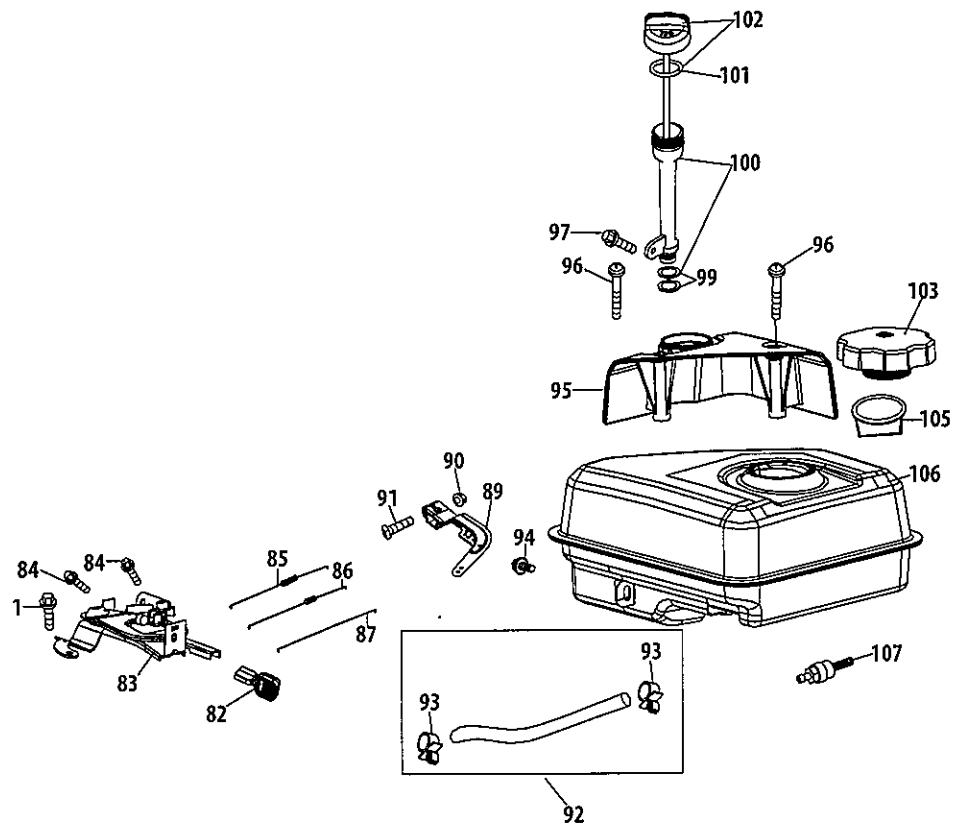
# 170-L0-11 Crankcase



## 170-L0-11 Crankcase

Ref.	Part Number	Description
44	951-12111	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12007	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6x12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer, 5.2x1.9
53	951-11574	Governor Seal
54	714-04074	Cotter Pin
55	951-11575	Camshaft Assy.
56	951-11369	Radial Ball Bearing, 6205
57	951-12160	Crankshaft Assembly
58	951-10307	Woodruff Key
59	951-11576	Governor Gear/Shaft Assembly
60	715-04092	Dowel Pin, 7x14
61	715-04089	Dowel Pin, 9x14
62	951-11371	Crankcase Cover Gasket
63	951-12125	Cover Comp, Left Crankcase
64	710-04932	Bolt M8x32
65	951-11283	Dipstick Assembly
66	951-11578	Oil Seal, 25x41.25x6
67	751-12551	Short Block (Incl. 4,20,25,26,38,40, 41,44-47,50-69)
68	751-12514	Oil Drain Plug
	751-12550	Gasket Kit - Complete (Incl. 4,20,25-27,29,38, 52,53,62,66,69)

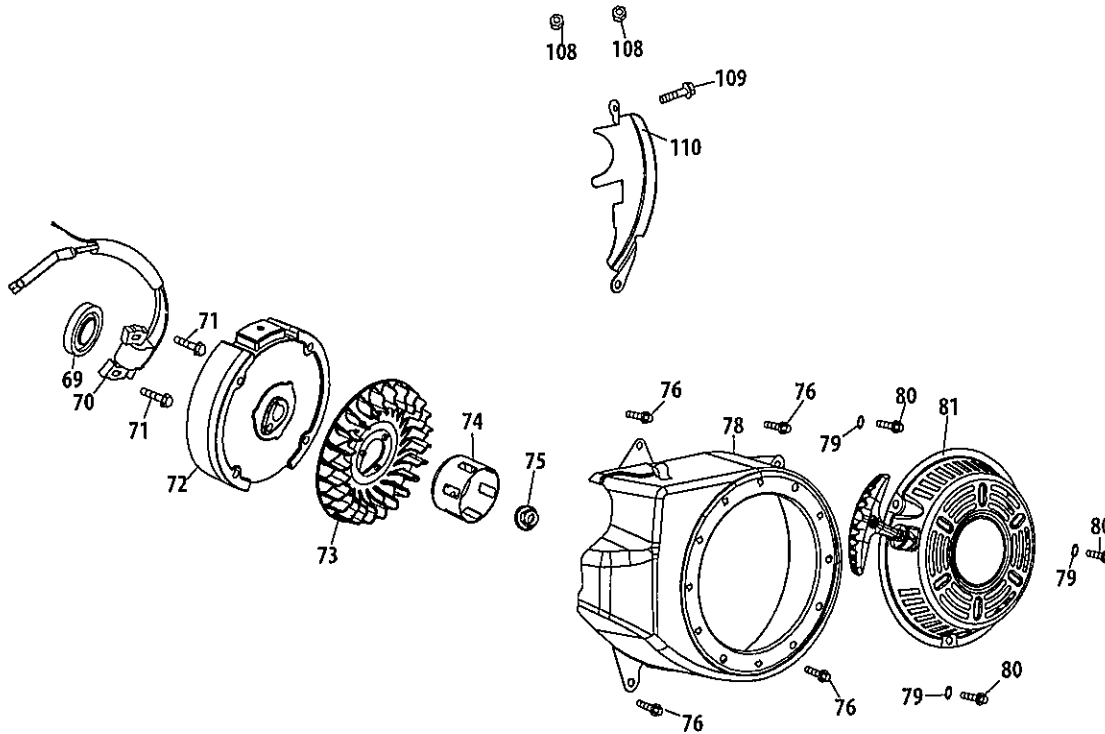
# 170-L0-11 Fuel Tank & Mounting



Ref.	Part Number	Description
1	710-04968	Bolt M6x16
82	951-11067	Throttle Control Knob
83	951-12131	Primer Bracket
84	710-04928	Bolt M6x12
85	951-11585	Governor Spring
86	951-10664	Throttle Linkage Spring
87	951-10665	Throttle Linkage
89	951-11106	Governor Arm
90	712-04212	Nut M6
91	710-04908	Governor Arm Bolt
92	951-10650	Fuel Line Kit
93	951-11700	Fuel Hose Clamp
94	710-04915	Bolt M6x12
95	951-10662	Dipstick Decoration Cover
96	710-04905	Bolt

Ref.	Part Number	Description
97	710-04915	Bolt M6x12
99	951-11381	Oil Fill Tube O-Ring
100	951-11913	1/4 Turn Oil Fill Tube
101	951-11904	Dipstick O-Ring
102	951-12482	Dipstick Gauge
103	951-10917A	Fuel Cap Assembly
105	951-11933	Fuel Level Indicator
106	951-12159	Fuel Tank
107	951-10651	Fuel Tank Nipple
	777I23259	Choke Label
	777I23433	Fuel Shut-Off Label
	777I23174	Throttle Label
	777S33612	Oil / Warning Label

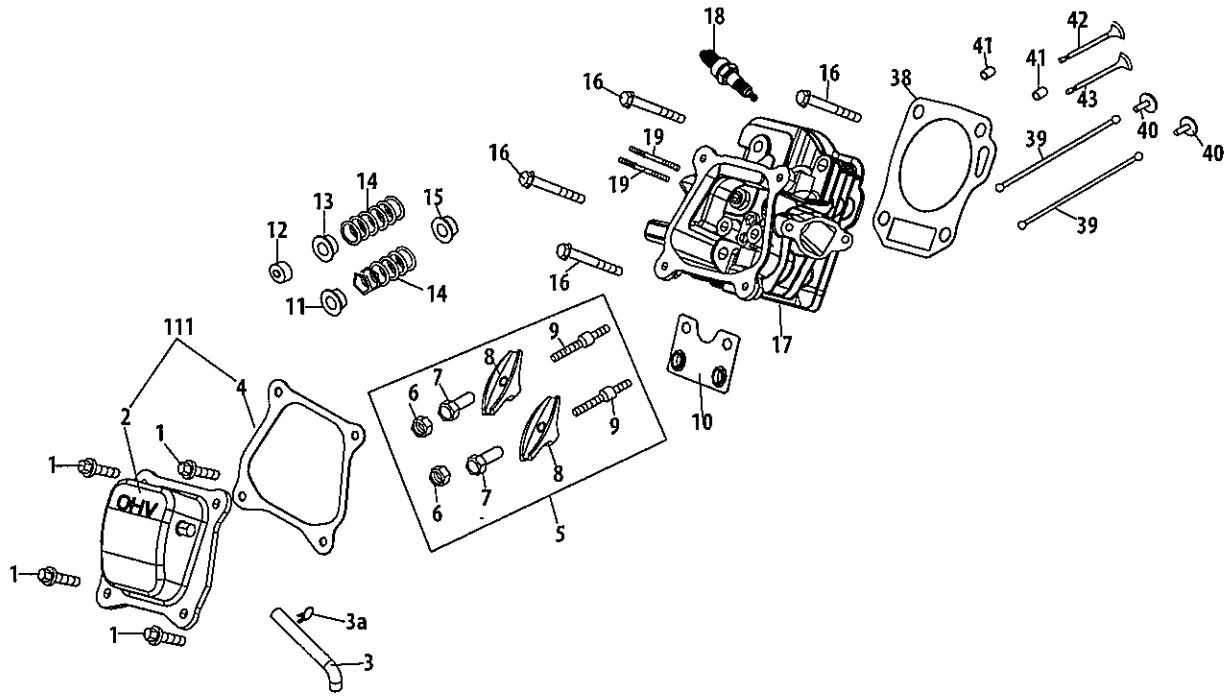
# 170-L0-11 Flywheel & Blower Housing



Ref.	Part Number	Description
69	951-12126	Oil Seal, 25x41.25x6
70	951-10792	Ignition Coil Assembly
71	710-04919	Bolt M6x25
72	951-10805	Flywheel
73	951-10909	Fan - Cooling
74	951-10911	Starter Cup
75	712-04209	Nut Special M14x1.5
76	710-04915	Bolt M6x12

Ref.	Part Number	Description
78	951-11583	Blower Housing
79	736-04455	Washer, Flat
80	710-04974	Bolt M6x10
81	951-12418	Recoil Starter
108	712-04212	Nut, M6
109	710-04918	Bolt M6x20
110	951-11109	Blower Housing Shield

# 170-L0-11 Cylinder Head

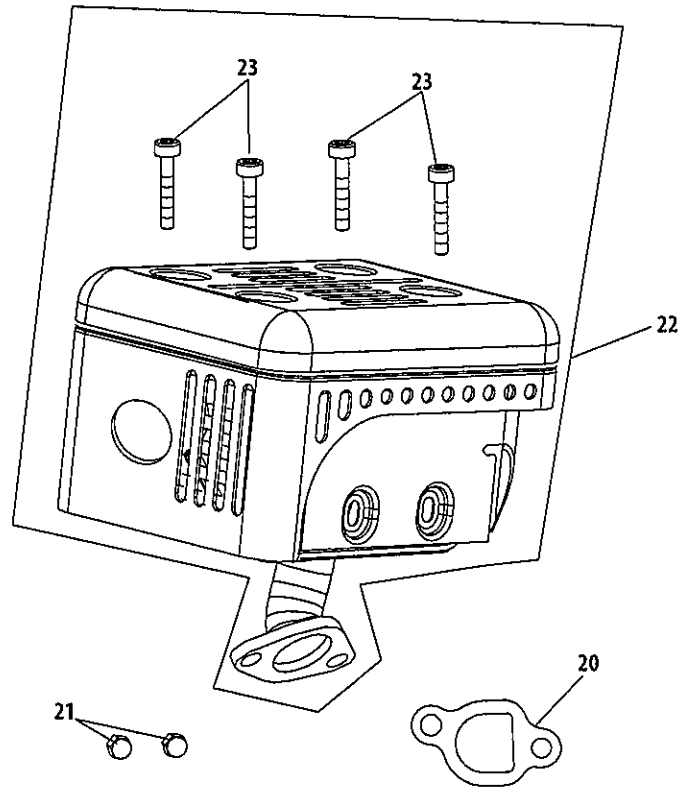


## 170-L0-11 Cylinder Head

Ref.	Part Number	Description
1	710-04968	Bolt M6x16
2	951-11054	Valve Cover
3	731-07059	Hose
3a	726-04101	Hose Clamp
4	951-11565	Valve Cover Gasket
5	951-11892	Roker Arm Assembly
6	751-11124	Nut, Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt, Pivot
10	951-11895	Push Rod Guide
11	951-12000	Retainer, In.Valve Spring
12	951-12002	Adjuster, Exh Valve
13	951-12003	Retainer, Ex.Valve Spring
14	951-12004	Valve Spring
15	951-11894	Intake Valve Seal
16	710-04933	Bolt M8x55
17	951-10668A	Cylinder Head Assembly (Incl. 4,6-15,17,20,25, 26,38,42,43)
18	951-10292	Spark Plug/F6Rtc
19	710-04911	Stud M8x36
19	951-10657	Muffler Stud Assembly
38	951-11572	Gasket Cylinder Head
39	951-10648	Push Rod
40	951-11899	Tappet
41	715-04090	Dowel Pin, 10x16
42	951-10647A	Exhaust Valve
43	951-10647A	Intake Valve
111	951-11063A	Valve Cover Kit
	951-10819	Cylinder Head Service Kit (Incl. 4,15,16,38)
	751-12549	Gasket Kit - External (Incl. 4,20,25,26,27,29)
	751-12550	Gasket Kit - Complete (Incl. 4,20,25-27,29,38, 52,53,62,66,69)



# 170-L0-11 Muffler



Ref.	Part Number	Description
20	951-11285	Exhaust Pipe Gasket
21	712-04214	Nut, M8
22	951-12156	Muffler Assembly
23	710-05002	Bolt M5x10
	777123259	Choke Label
	777123433	Fuel Shut-Off Label
	777123174	Throttle Label
	777533612	Oil / Warning Label

