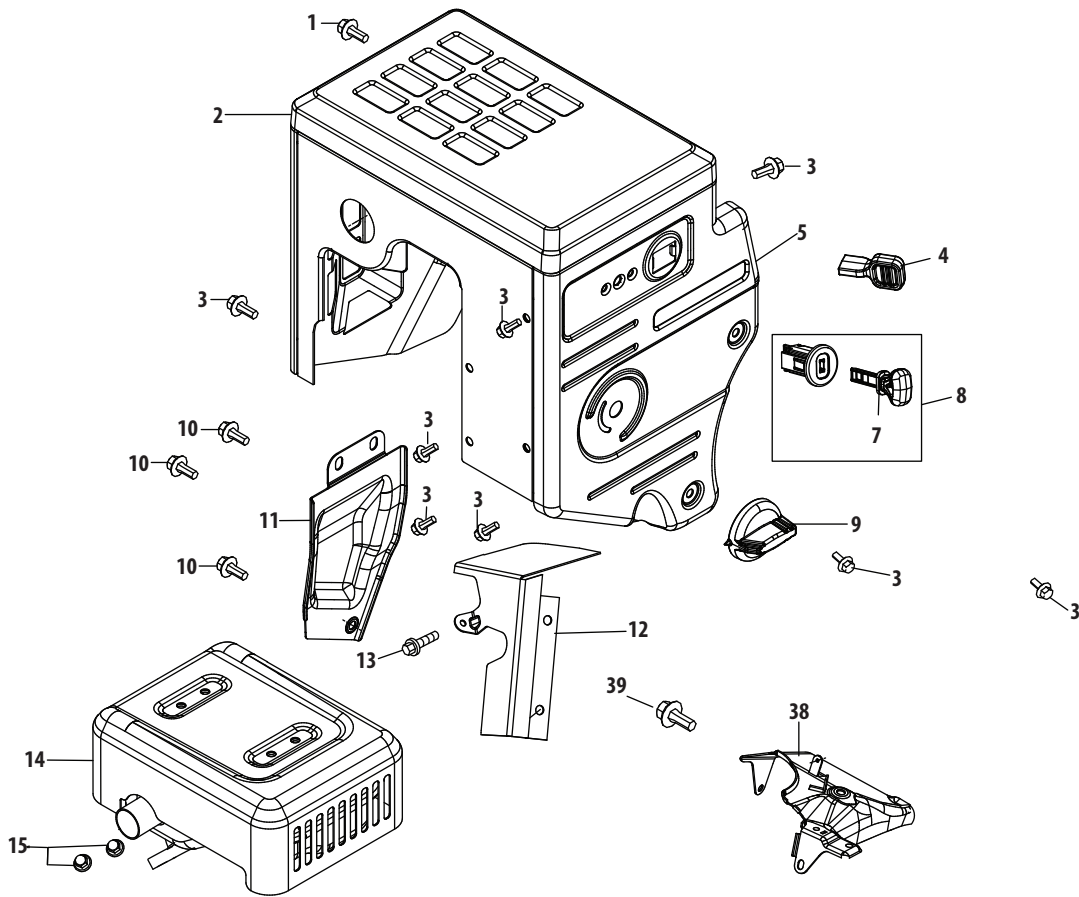


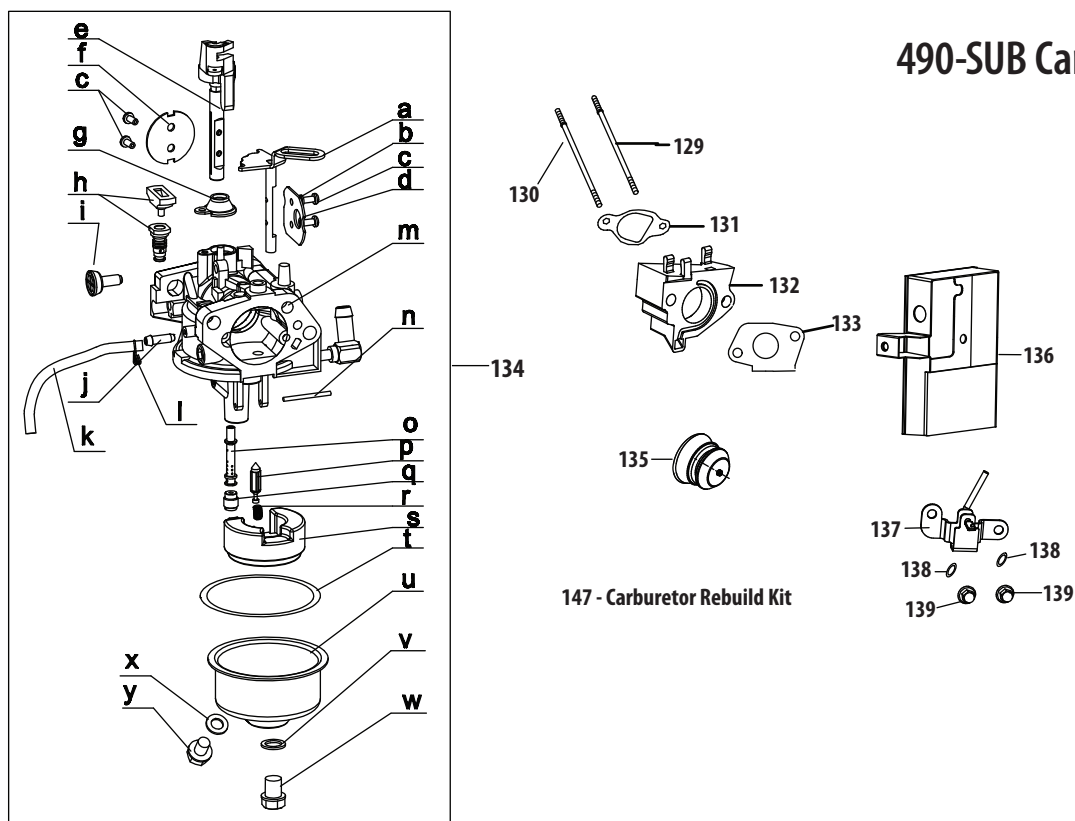
490-SUB Muffler & Controls



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

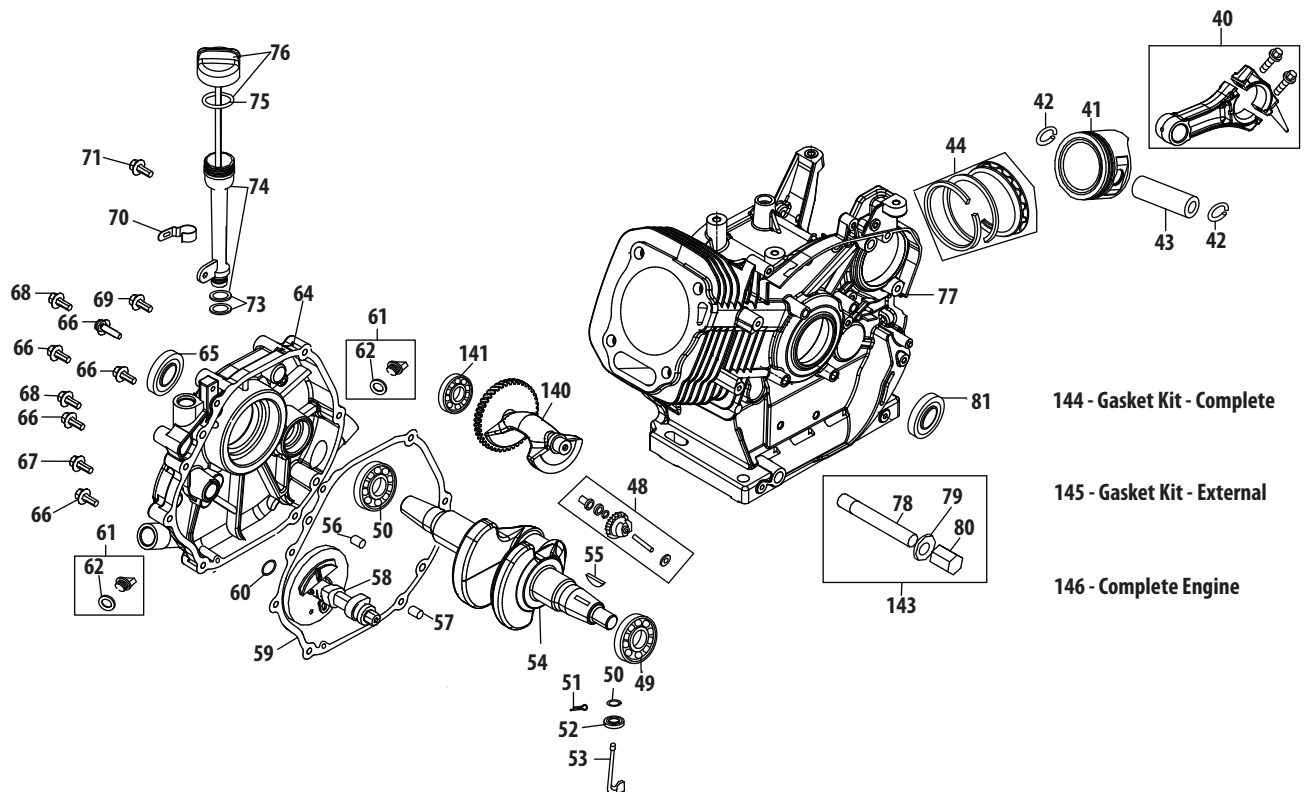
490-SUB Carburetor



Ref.	Part Number	Description
129	710-05392	Stud M6-8×100
130	710-05056	Stud M6-8×118
131	951-11315	Carburetor Intake Gasket
132	951-11353	Carburetor Insulator
133	951-11354	Carburetor Gasket
134	751-14035	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	751-14231	Carburetor Rebuild Kit (Incl. h, l, n, o, p, q, r, s, t, v, x)
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
	n/a	Gasket

Ref.	Part Number	Description
g	n/a	Throttle Shaft Cover
h	n/a	Idle Jet Rivet
h	n/a	Idle Jet Assembly
i	n/a	Idle Speed Adjusting Screw
j	n/a	Primer Pipe
k	751-11991	Primer Hose
l	951-11906	Primer Hose Clamp
m	n/a	Carburetor Body
n	n/a	Float Pin
o	n/a	Emulsion Tube
p	n/a	Nickel Plated Brass Needle Valve
q	n/a	Main Jet
r	n/a	Needle Valve Spring
s	n/a	Float
t	951-11970	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

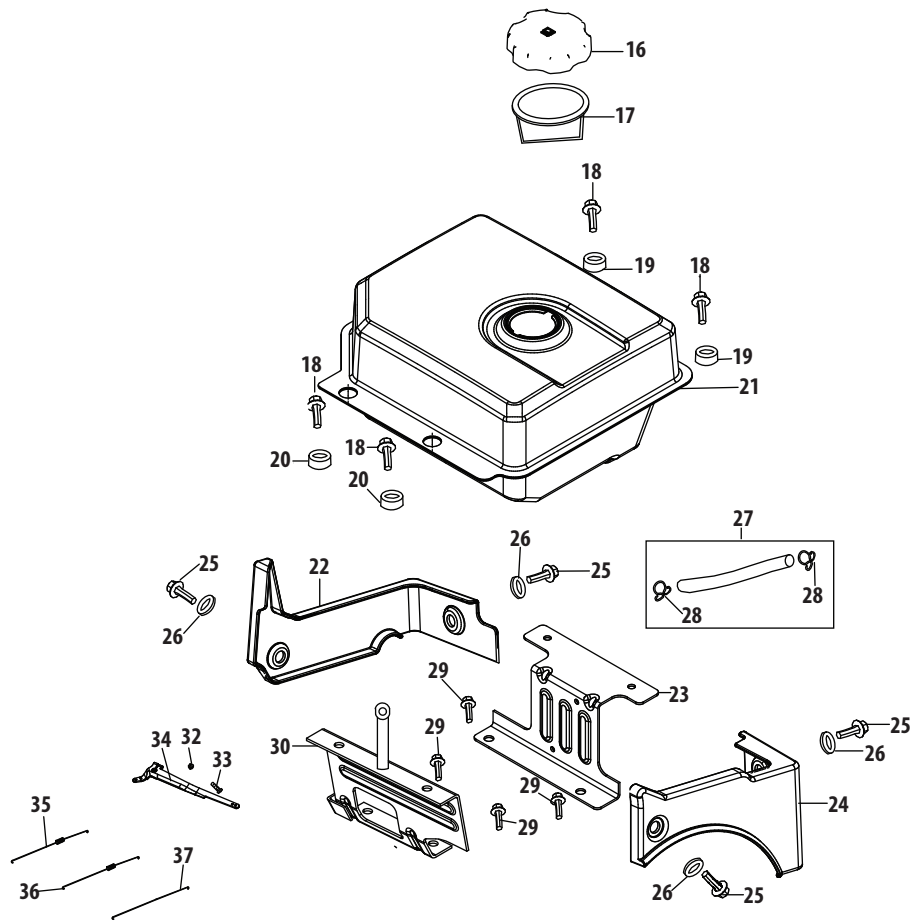
490-SUB Crankcase



Ref.	Part Number	Description
40	951-11951	Connecting Rod Assembly
41	951-12092	Piston
42	951-11953	Piston Pin Snap Ring
43	951-11954	Piston Pin
44	951-12593	Piston Ring Set
48	951-11956	Governor Gear/Shaft Assembly
49	951-11373	Radial Ball Bearing
50	736-04453	Flat Washer
51	714-04077	Governor Shaft Clip
52	951-11958	Governor Seal
53	951-11365	Governor Arm Shaft
54	951-11358	Crankshaft Kit (Inc.49,54,55,65,81)
55	951-10307	Woodruff Key
56	715-04102	Dowel Pin 9 X 12
57	715-04092	Dowel Pin 7 X 14
58	951-11959	Camshaft Assembly
59	951-11376	Crankcase Cover Gasket
60	736-04545	Washer
61	951-11283	Oil Fill Plug Assembly
62	951-11577	O-Ring
64	951-14220	Crankcase Cover
	951-11340	Crankcase Cover Kit (Inc.49,59,60,64-68)
65	951-11375	Oil Seal
66	710-06061	Bolt M8×38
67	710-06062	Bolt M8×45

Ref.	Part Number	Description
68	710-06063	Bolt M8×35
69	710-04968	Bolt M6×16
70	951-11320	Oil Tube Support Bracket
71	710-05349	Bolt M6×8
73	951-11381	Oil Fill Tube O-Ring
74	951-12073	Oil Fill Tube Assembly
75	951-11904	Dipstick O-Ring
76	951-11971A	Dipstick Assembly
77	951-11359A	Crankcase Kit (Inc.49,52,77,81)
	951-11360A	Short Block Assembly (Inc.40-44,48-68,77-81, 102,105,106,108,110,111, 125,131,132,140,141)
78	951-11350	Oil Drain Pipe
79	736-04440	Drain Pipe Washer 10X16X1.5
80	710-04906	Oil Drain Plug Bolt
81	951-11499	Oil Seal
140	951-12095	Balance Gear Assembly
141	951-11969	Bearing
143	951-10641	Oil Drain Asm
144	951-11362	Gasket Kit - Complete (Inc.52,59,65,79,81,106, 108,125,131-133)
145	951-11363	Gasket Kit - External (Inc.79,108,125,131-133)
146	952Z490-SUB	Complete Engine

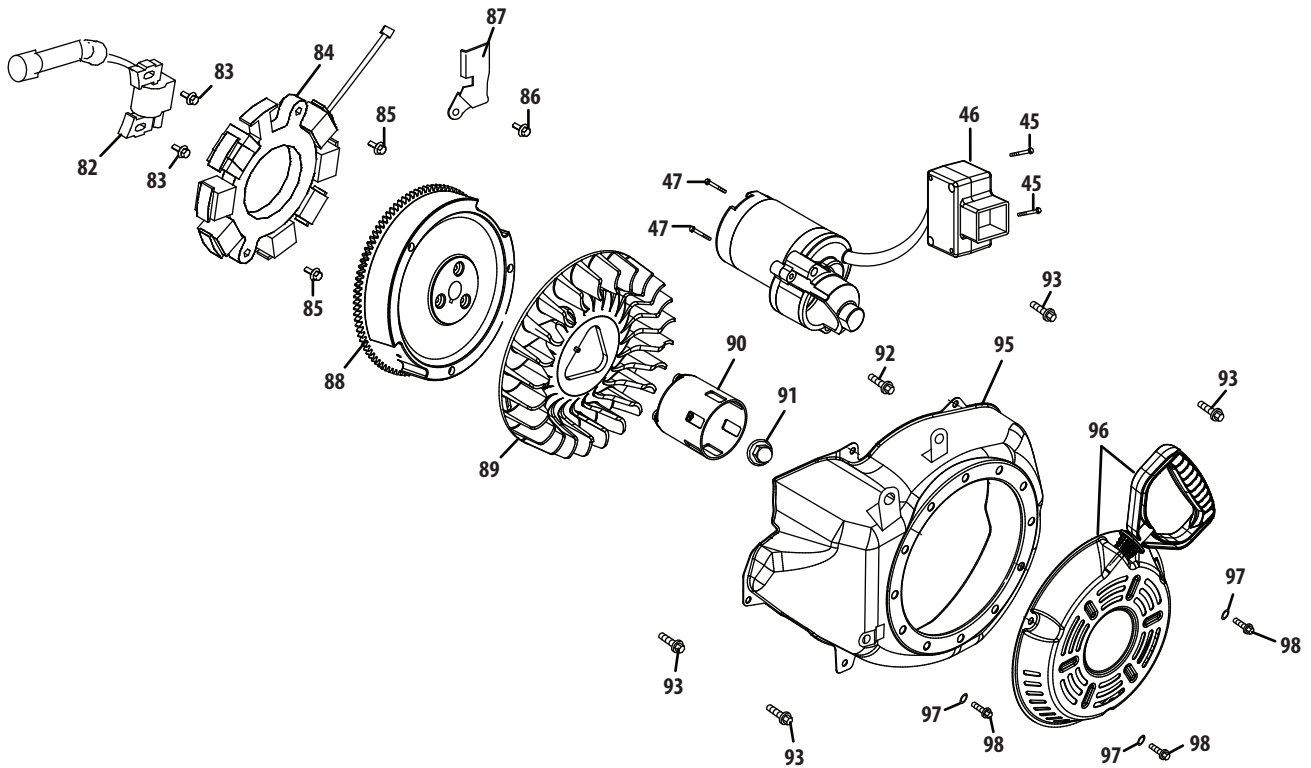
490-SUB Fuel Tank & Mounting



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

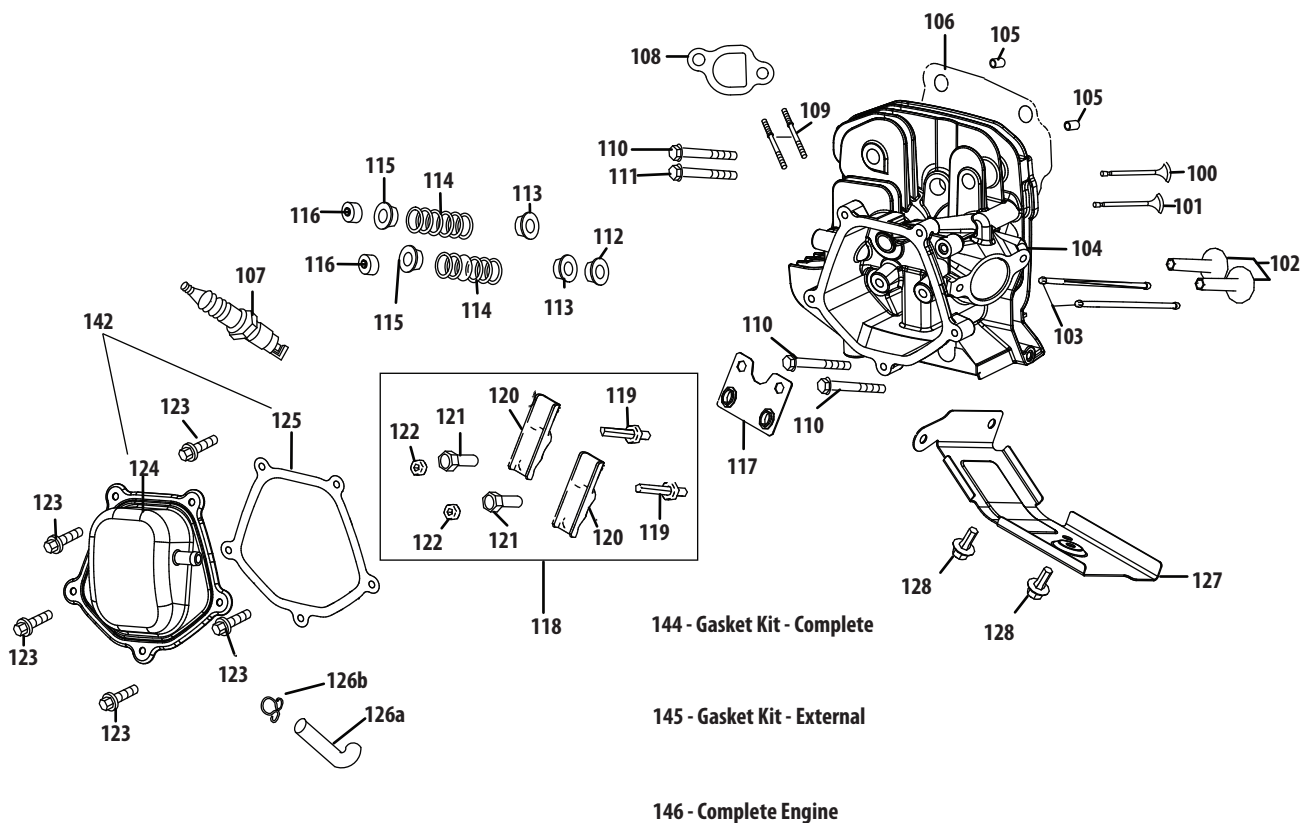
490-SUB Starter Assembly & Blower Housing



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

490-SUB Cylinder Head



490-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	951-12592	Cylinder Head Kit (Inc.106,110-112,125)	120	951-11966	Rocker Arm
	951-11361A	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	951-12094	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	731-07059	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	951-11362	Gasket Kit - Complete (Inc.52,59,65,79,81,106, 108,125,131-133)
114	951-12078	Valve Spring	145	951-11363	Gasket Kit - External (Inc.79,108,125,131-133)
115	951-12080	Exhaust Valve Spring Retainer	146	952Z490-SUB	Complete Engine