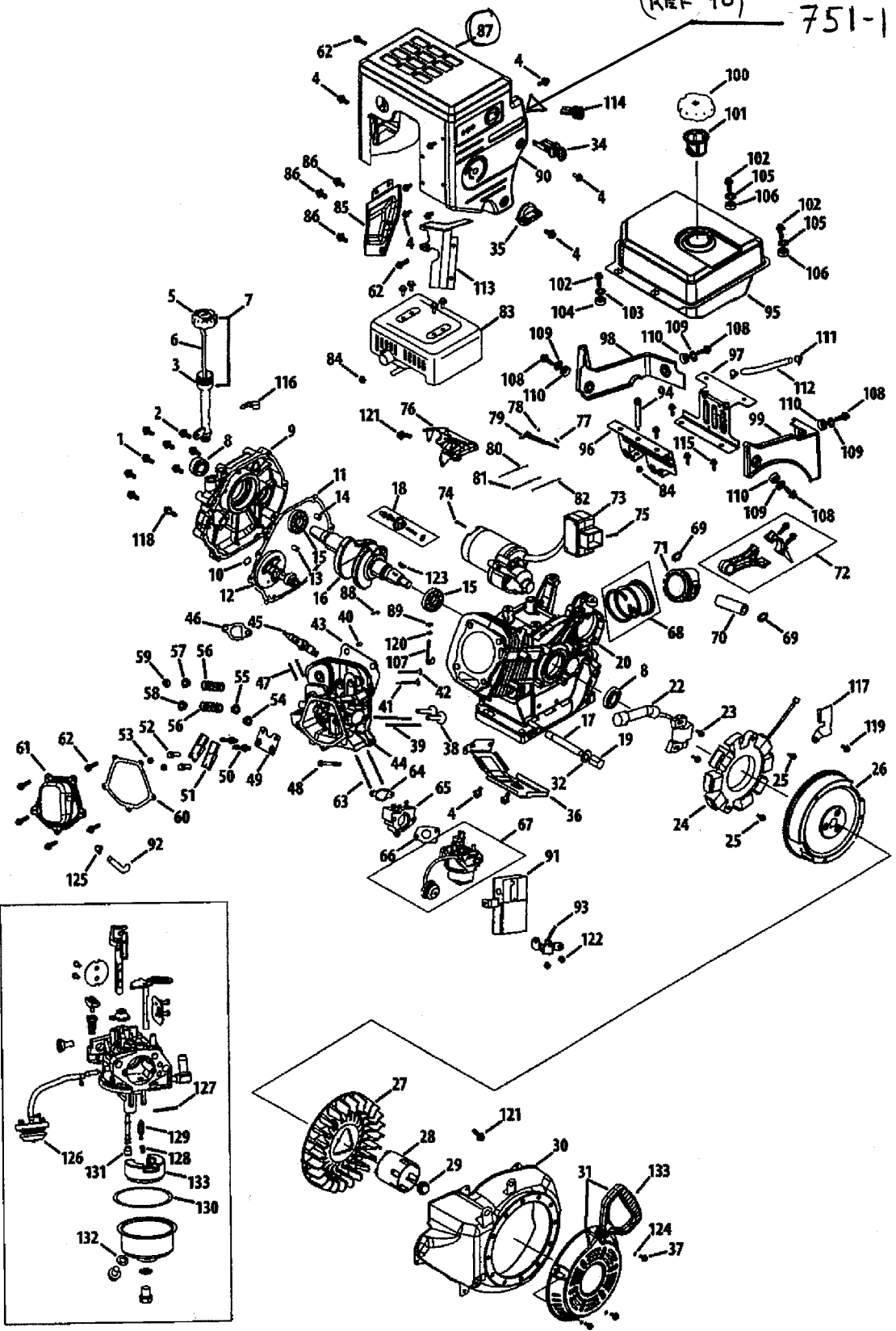


#90 NR VIENS
PAS AVEC #87

#90 NOT SOLD WITH
REF. #87.

277cc ZS 478-SU Engine

(REF 90) 751-11594



277cc ZS 478-SU Engine

Ref. No.	Part No.	Description
1	710-04971	Flange Bolt
2	710-04968	Flange Bolt
3	751-11206	Dipstick Tube
4	710-04915	Flange Bolt
8	751-11372	Oil Seal
11	751-11374	Crankcase Cover Gasket
13	715-04089	Dowel Pin
14	715-04096	Dowel Pin
15	751-11373	Bearing
22	751-11197	Ignition Coil
23	710-04920	Flange Bolt
24	751-11216	Stator
25	710-04969	Flange Bolt
26	751-11214	Flywheel
27	751-11217	Cooling Fan
28	751-11218	Starter Cup
29	712-04220	Flange Nut
30	751-11211	Blower Housing
31	751-11208	Recoil Starter Assembly
32	736-04454	Washer
34	751-10637	Ignition Switch
35	751-11191	Choke Knob
36	751-11180	Cylinder Baffle
37	710-04974	Flange Bolt
39	751-11199	Push Rod Kit
40	715-04097	Dowel Pin
45	751-10292	Spark Plug
46	751-11212	Muffler Gasket
47	751-11207	Muffler Stud Assembly
47	710-04964	Exhaust Studs
48	710-04973	Flange Bolt
50	710-04962	Rocker Stud Bolt
52	751-11123	Valve Adjusting Nut
53	751-11124	Pivot Locking Nut
61	751-11220	Valve Cover
62	751-11012	Bolt
63	710-04963	Carburetor Studs
64	751-11225	Intake Gasket
65	751-11222	Carburetor Insulator
66	751-11223	Carburetor Gasket
67	751-11193	Carburetor Assembly

Ref. No.	Part No.	Description
73	751-11196	Electric Starter
74	710-04967	Flange Bolt
75	710-04965	Screw
76	751-11213	Throttle Control Assembly
77	710-04908	Bolt
78	712-04211	Nut
79	751-11231	Governor Arm Bracket
80	751-11202	Governor Spring
81	751-11203	Throttle Return Spring
82	751-11204	Governor Rod
83	751-11195	Muffler Assembly
84	712-04219	Nut
85	751-11181	Muffler Baffle
86	710-04914	Flange Bolt
87	751-11194	Muffler Shield
88	714-04077	Governor Shaft Clip
89	736-04453	Washer
91	751-11190	Heater Box
92	751-11221	Breather Hose
93	751-11192	Choke Assembly
95	751-11201	Fuel Tank
96	751-11182	Fuel Tank Mounting Bracket
97	751-11183	Fuel Tank Mounting Bracket
98	751-11184	Fuel Tank Shroud
99	751-11189	Engine Shroud
100	751-10649	Fuel Cap Assembly
101	751-10652	Fuel Filter
102	710-04970	Flange Bolt
103	736-04451	Washer
104	750-05313	Bushing
105	736-04450	Washer
106	750-05312	Bushing
108	710-04918	Flange Bolt
109	736-04452	Washer
110	750-05314	Bushing
113	751-11227	Carburetor Heat Shield
114	751-11224	Throttle Knob
115	710-04921	Flange Bolt
116	751-11185	Oil Tube Support Bracket
117	751-11186	Alternator Wire Clamp Bracket
118	710-04972	Flange Bolt

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277cc ZS 478-SU Engine

Ref. No.	Part No.	Description
119	710-04966	Flange Bolt
121	710-04916	Flange Bolt
122	712-04211	Nut
123	751-10307	Flywheel Key
124	736-04455	Flat Washer
125	726-04101	Breather Hose Clip
126	751-10639	Primer
133	731-05696	Starter Handle
—	731-05632	Key (Not Shown)
—	751-10651	Fuel Tank Nipple (Not Shown)
—	751-11228	Crankcase Cover Kit
1	710-04971	Flange Bolt
8	751-11372	Crankshaft Oil Seal
9	—	Crankcase Cover
10	—	Flat Washer
11	751-11374	Crankcase Cover Gasket
15	751-11373	Ball Bearing
118	710-04972	Flange Bolt
—	751-11229	Crankcase Kit
8	751-11372	Crankshaft Oil Seal
15	751-11373	Ball Bearing
16	—	Crankshaft Assembly
123	751-10307	Flywheel Key
—	751-11230	Crankcase Kit
8	751-11372	Crankshaft Oil Seal
15	751-11373	Ball Bearing
20	—	Crankcase
120	—	Governor Shaft Seal
—	751-11209	Gasket Kit, Complete
8	751-11372	Crankshaft Oil Seal
11	751-11374	Crankcase Cover Gasket
32	736-04454	Oil Drain Washer
43	—	Head Gasket
46	751-11212	Muffler Gasket
60	—	Valve Cover Gasket
64	751-11225	Intake Gasket
65	751-11222	Carburetor Insulator
66	751-11223	Carburetor Gasket
120	—	Governor Shaft Seal

Ref. No.	Part No.	Description
—	751-11210	Gasket Kit, External
11	751-11374	Crankcase Cover Gasket
32	736-04454	Oil Drain Washer
60	—	Valve Cover Gasket
64	751-11225	Intake Gasket
65	751-11222	Carburetor Insulator
66	751-11223	Carburetor Gasket
—	751-11226	Cylinder Head Kit
43	—	Head Gasket
48	710-04973	Flange Bolt
54	—	Intake Valve Seal
60	—	Valve Cover Gasket
—	751-11188	Cylinder Head Assembly
41	—	Intake Valve
42	—	Exhaust Valve
43	—	Head Gasket
44	—	Cylinder Head
49	—	Pushrod Guide Plate
50	710-04962	Rocker Stud Bolt
51	—	Rocker Arm
52	751-11123	Valve Adjusting Nut
53	751-11124	Pivot Locking Nut
54	—	Intake Valve Seal
55	—	Exhaust Valve Spring Support
56	—	Valve Spring
57	—	Exhaust Spring Retainer
58	—	Intake Spring Retainer
59	—	Exhaust Valve Cap
60	—	Valve Cover Gasket
64	751-11225	Intake Gasket
65	751-11222	Carburetor Insulator
7	751-11205	Dipstick Assembly
3	751-11206	Dipstick Tube
5	—	Oil Cap
6	—	Dipstick
—	751-11200	Fuel Line Kit
111	—	Fuel Hose Clamp
112	—	Fuel Hose

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Ref. No.	Part No.	Description
—	751-11187	Short Block Assembly
1	710-04971	Flange Bolt
2	710-04968	Flange Bolt
8	751-11372	Crankshaft Oil Seal
9	—	Crankcase Cover
10	—	Flat Washer
11	751-11374	Crankcase Cover Gasket
12	—	Camshaft Assembly
13	715-04089	Dowel Pin
14	715-04096	Dowel Pin
15	751-11373	Ball Bearing
16	—	Crankshaft Assembly
17	—	Extended Oil Drain Tube
18	—	Governor Gear Assembly
19	—	Extended Oil Drain Plug
20	—	Crankcase
32	736-04454	Oil Drain Washer
38	—	Tappet
40	715-04097	Dowel Pin
43	—	Head Gasket
46	751-11212	Muffler Gasket
60	—	Valve Cover Gasket
64	751-11225	Intake Gasket
65	751-11222	Carburetor Insulator
68	—	Piston Ring Set
69	—	Wrist Pin Clip
70	—	Wrist Pin
71	—	Piston
72	—	Conrod Assembly
88	714-04077	Governor Shaft Clip
89	736-04453	Flat Washer
107	—	Governor Shaft
118	710-04972	Flange Bolt
120	—	Governor Shaft Seal
123	751-10307	Flywheel Key

Ref. No.	Part No.	Description
—	751-11198	Valve Kit
41	—	Intake Valve
42	—	Exhaust Valve
—	751-11219	Carburetor Kit
127	—	Float Pin
128	—	Needle Valve Spring
129	—	Needle Valve
130	—	Bowl gasket
133	—	Float
131	—	Main Jet
132	—	Fuel Drain Gasket
—	—	Main Bowl Bolt Gasket
—	—	Dust Seal