



## FUTURA Models

Issued: 06/96  
Revised: 12/97

Division 3  
Section A

FUTURA E-71	66,60 mm	49,20 mm	172 cc
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FUTURA E-71	E-71000	E-71005	E-71005A	E-71100
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FUTURA - 1

3 Division  
A Section

Sub-Assembly details by specification number for:

**FUTURA Models**

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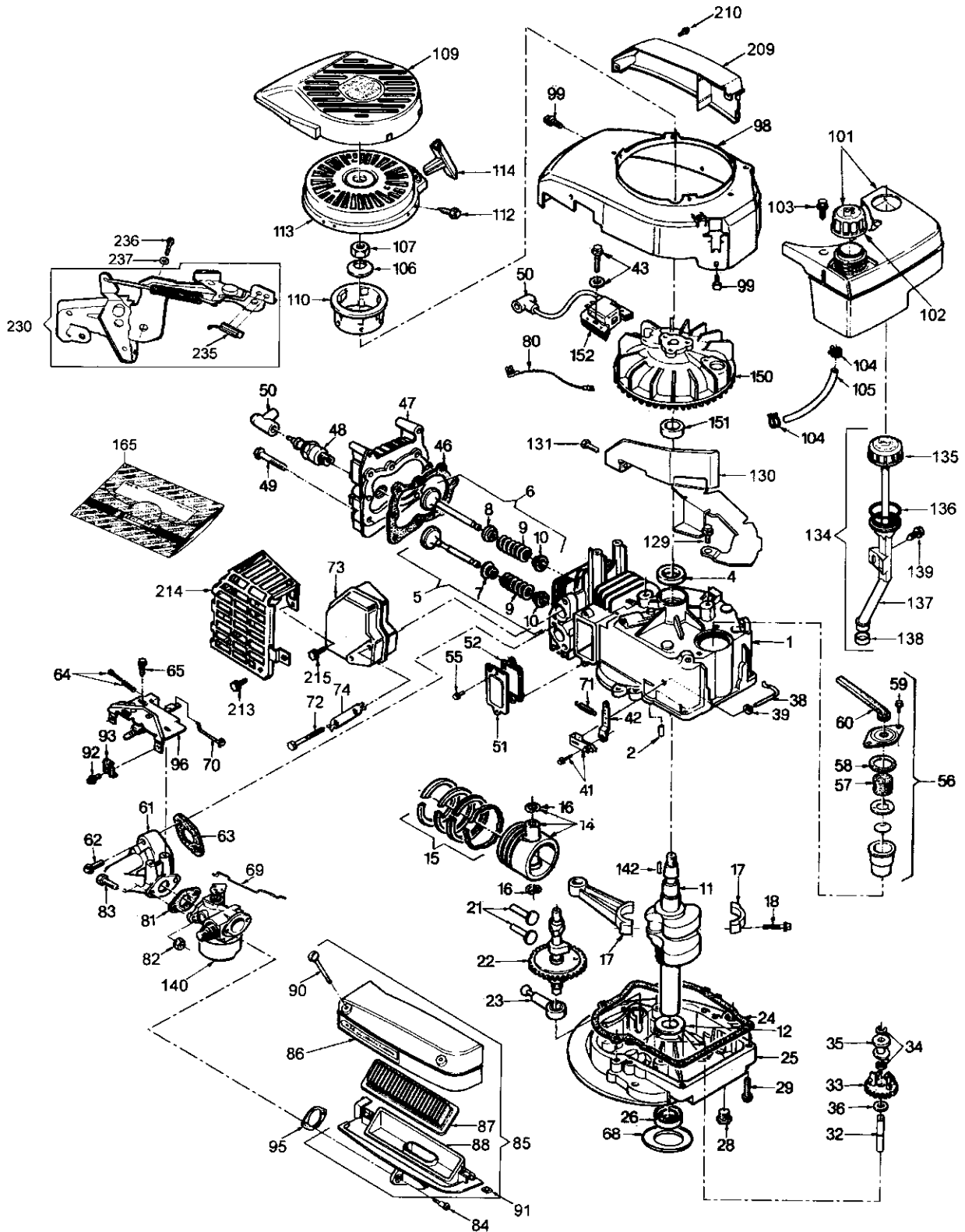


<b>FUTURA E-71</b>	<b>Carburettor</b>	<b>Rc. Starter</b>	<b>El. Starter</b>	<b>Crankshaft</b>	<b>Idle Rpm +/- 200</b>	<b>High Rpm +/- 100</b>
E-71000	23088001	14210076		16070105	2000	3000
E-71005	23088001	14210076	16410002	16070105	2000	3000
E-71005A	23088501	14210076	16410002	16070105	2000	3000
E-71100	23088501	14210076		16070105	2000	3000

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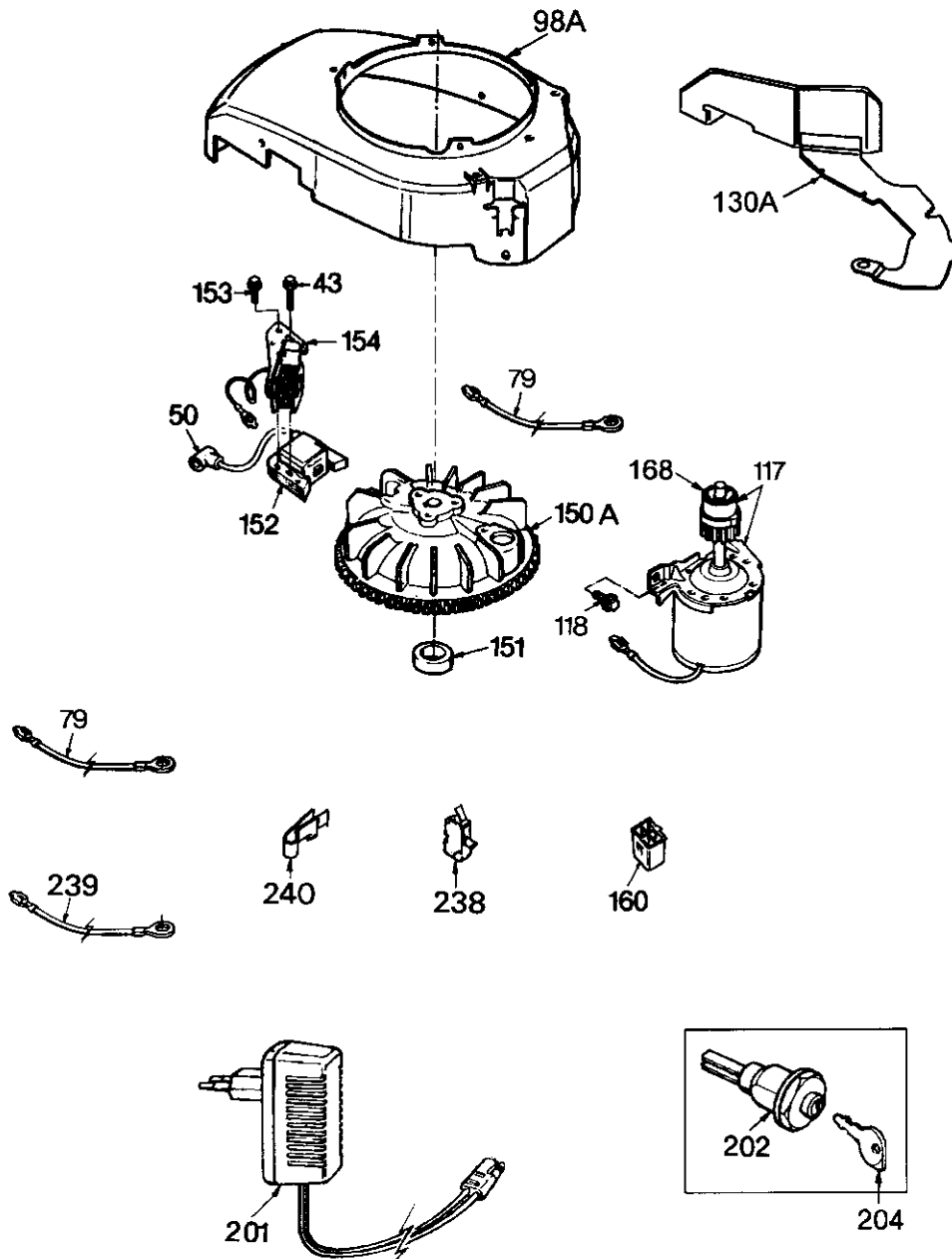
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Section	A

Ref.No.	Part No.	Part Name
1	16010052	Cylinder Assy. (Inc.-2,4)(66.60 mm Bore)
2	29410001	Dowel Pin
4	29610017 *	Oil Seal
5	16130001	Intake Valve (Inc.-9,10)(Std)
5	16130002	Intake Valve (Inc.-9,10)(OS. 0.80 mm)
6	16140009	Exhaust Valve (Inc.-9,10)(Std)
6	16140010	Exhaust Valve (Inc.-9,10)(OS. 0.80 mm)
7	19610001 *	Intake Valve Seal
8	22470008	Upper Valve Spring Keeper
9	27910003	Valve Spring
10	22470006	Lower Valve Spring Keeper
11	16070105	Crankshaft
12	29520006	Thrust Washer
14	16090027	Piston & Pin Assy. (Inc.-16)(OS. 0.25 mm)
14	16090028	Piston & Pin Assy. (Inc.-16)(OS. 0.50 mm)
14	16090029	Piston & Pin Assy. (Inc.-16)(Std 66.60 mm Bore)
15	16100018	Ring Set (Std 66.60 mm Bore)
15	16100019	Ring Set (OS. 0.25 mm)
15	16100020	Ring Set (OS. 0.50 mm)
16	29450004	Piston Pin Retainer
17	16110010	Connecting Rod (Inc.-18)
18	29190164	Screw 1/4-20 (L=23mm)
21	22440001	Valve Lifter
22	16120010	Camshaft (MCR)
23	16160004	Oil Pump Assy
24	29630001 *	Flange Assy. Gasket
25	16030013	Flange Assy. (Inc.-26,28,32)
26	29610018 *	Oil Seal
28	29320035	Oil Drain Plug
29	29190075	Screw 1/4-20 (L=30mm)
32	22720001	Governor Shaft
33	16170001	Governor Gear
34	29450005	Governor Gear Retainer
35	22740001	Governor Spool
36	29510015	Washer
38	22750009	Governor Rod
39	29510029	Washer
41	16500009	Governor Lever Clamp
42	27240108	Governor Lever
43	29190168	Screw 10-24 (L=24mm)
46	29620016 *	Cylinder Head Gasket
47	21210030	Cylinder Head
48	29010007	Spark Plug
49	29180063	Screw 5/16-18 (L=36mm)
50	15950001	Spark Plug Cover
51	21660012	Valve Cover
52	29630004 *	Valve Cover Gasket
55	29190169	Screw 10-24 (L=15mm)
56	16190003	Breather Assy. (Inc.-57,58,59,60)
57	27140005	Breather Element
58	29630111 *	Breather Gasket
59	29190186	Screw 10-24 (L=14mm)
60	21670012	Breather Tube
61	28510038	Intake Pipe
62	29190171	Screw 1/4-20 (L=24mm)

Note: Always check Master Price List for replacement part numbers.

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Ref.No.	Part No.	Part Name
63	29630101	* Intake Pipe Gasket
64	16630023	Control Screws Set
65	29190186	Screw 10-24 (L=14mm)
68	29590022	Oil Seal Cover
69	27250040	Throttle Link
70	27250039	Governor Link
71	27920161	Governor Spring
72	29190152	Screw 1/4-20 (L=70mm)
73	21520146	Muffler
74	27530005	Lock Plate
79	14940017	Ground Wire (To Battery) <b>E-71005</b> ,005A
80	14940012	Ground Wire
81	29630013	* Carburettor Gasket
82	29210013	Nut 1/4-20
83	29190219	Screw 1/4-20 (L=22mm)
84	29190208	Screw 10-32 (L=16mm)
85	16290023	Air Filter Assy. (Inc.-86,87,88,90,91)
86	23430085	Air Filter Cover
87	23410057	Air Cleaner Filter (Paper)
88	23420066	Air Filter Body
90	29190241	Screw M5 (L=62 mm)
91	29220007	Nut M5
92	29190174	Screw 10-32 (L=6mm)
93	29490004	Conduit Clip
95	29630086	* Air Filter Gasket
96	17410086	Remote Speed Control (Inc.-64)
98	24320230	Blower Housing <b>E-71000</b> ,100
98A	24320233	Blower Housing <b>E-71005</b> ,005A
99	29190038	Screw 1/4-20 (L=12mm)
101	16210035	Fuel Tank (Inc.-102)
102	13350003	Fuel Filler Cap
103	29190090	Screw 10-32 (L=14mm)
104	29490031	Fuel Line Clamp
105	16270001	Fuel Line (Available only in 5m coils)
106	29510050	Belleville Washer
107	29210020	Nut 1/2-20
109	24350101	Starter Grill
110	24220015	Starter Cup
112	29190180	Screw 8-32 (L=8mm)
113	14210076	Rewind Starter (Inc.-114)
114	24230004	Starter Handle
117	16410002	Electric Starter Motor (Inc.-168)
118	29190038	Screw 1/4-20 (L=12mm) <b>E-71005</b> ,005A
129	29190196	Screw 1/4-20 (L=9mm)
130	24330114	Protection Bracket <b>E-71000</b> ,100
130A	24330115	Protection Bracket <b>E-71005</b> ,005A
131	29190186	Screw 10-24 (L=14mm)
134	16480017	Oil Filler Assy. (Inc.-135,136,137,138,139)
135	19320016	Oil Dipstick

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Ref.No.	Part No.	Part Name
136	29610037	* Oil Dipstick Gasket
137	29140028	Oil Filler Tube
138	29610032	* O'Ring
139	29190091	Screw 10-32 (L=13mm)
140	23088001	Carburettor E-71000 ,005
140	23088501	Carburettor E-71005A ,100
142	29410012	Flywheel Key
150	24110036	Flywheel (Std) E-71000 ,100
150A	24110037	Flywheel (w/ring gear) E-71005 ,005A
151	29490055	Flywheel Key Spacer
152	14160034	Solid State (Coil & Lamination)(Inc.-50)
153	29190166	Screw 8-32 (L=11mm)
154	14450001	Alternator Coil
160	24450007	Connector E-71005 ,005A
165	16610031	Gasket Set
168	16630037	Kit Starter Pinion
201	24450010	Battery Charger
202	16360002	Switch Assy .
204	24450011	Ignition Key E-71005 ,005A
209	24330120	Engine Shield
210	29190090	Screw 10-32 (L=14mm)
213	29190174	Screw 10-32 (L=6mm)
214	14330029	Muffler Guard
215	29190221	Self-threading Screw
230	14500009	Brake Assy. (Inc.-235) E-71000 ,100
230	14500010	Brake Assy. (Inc.-235,238) E-71005 ,005A
235	19080003	Terminal Assy.
236	29190038	Screw 1/4-20 (L=12mm)
237	29510109	Washer E-71000 ,100
238	24450014	Switch
239	14940032	Starter Motor Wire
240	29490065	Spring Clip E-71005 ,005A

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