

Parts Store - 170F 178F 186F Diesel Engine Parts Generator Spare Parts

We only carry and sell high quality after market parts for generators. Parts and assembly quality control make huge difference in generator quality. Many parts, diesel motors and generator heads look the same, but you have no idea of what parts are installed inside. Our mission is to design and make industrial grade products for customers. Most of our customers are commercial users, e.g., drivers, contractors, farmers and builders. The typical span life of our diesel motor is 3000 hours and up to 5000 hours if customer maintains it routinely and properly. Our generator still rocks after years of use. Many cheap generators with low quality parts are being sold in the market, that are designed for use during hurricane and snowstorm seasons. They can work a couple of weeks or even hours and then get big problem such as breakdown of diesel motor and burnt-up of generator head.

Be aware of low quality parts sold by others. If you are a commercial user, our high quality parts are strongly recommended.

We carry many parts you need for your portable diesel generator driven by either 178F/E or 186F/E/AE engine. Some selected parts from our stock are listed below. For your convenience, please refer to Exploded View of Parts List and Complete Parts List. Before you make a call with us, please make sure what type of engine is installed in your generator. You can identify your engine type by looking close at your fuel injection pump with characters either 86 or 70/78 marked on. You can also identify from EPA Sticker pasted somewhere in your generator. You can also refer to the following sample generator models List for help. If you have a problem with identifying your engine, please just give us your brand name and model, we help you find out. Parts can be ordered by calling or faxing E-Z Power Tools at the numbers provided below:

Direct: 678-298-7816

Fax: 678-819-2816

Sample Models Powered by 186F Diesel Engine:

6000DE, 6000LHE, 6000-LDEW, 6500T, 7500DE, 5GF-LDE, 6GF-LDE, 6GF-LHE, 6500T, AMICO AC-6000LE, AC-6000LN, APACHE ADG8500SE, AED6500S, AED6500XE, AURORA GENERATORS AGI6500DE, EMERGENCYPOWER AGI6500SDE, AGI6800DE, AGI6800SDE, AMICO AH6000LE, AH6000LN, AHR6000LE, AHR6000LN, AHW-6000LE, ACCURATE POWER AP6800DE, AP6800SDE, APACHE PREMIER 8500S, ALL POWER AMERICA APG3201, APG3202, CARROL STREAM CS6000DO, CS6000DS, DEK500SL, DEK6000SL, UNITED POWER DG5000 DG5000-3, DG5000E, DG5000E-3, JIANGDONG DG5500S, DG6500SE, EASTERN TOOLS AND EQUIPMENT DG6LE, ETQ DG6LN, DG6LNR, DGS106, DIESEL PRO 6700T, HYUNDAI DHY6000LE, DHY6000SE, DHYW180AC, DUROPOWER DP6220DEW, DP6500DE, DP6500DES, DP6500RDS, DP7500DE, DP7500DES, DP7500ED, DP7500EDS, DP7500DR, DP7500DRS, DP7500RDS, DUROMAX DURO STAR DS7200, DS7200Q, Eagle Power Tools E65DRE, RAMSOND ELITE 6500, ELIM ELM6000DE, ELM6000SDE, ELM6800T, FRONTIER F-7500D, MORPOWER GEN05500, BLUE MAX GEN6000DE, GEN7500DE, GEN6000LHE, BUFFALO TOOLS GENSD7, STEELE GD-650E, HACER 7500ST-W, HDY5000LXB, HDY6000LXB, HDY6500LXB, JINDING JDP6000-LDE, JLD6500S, JVS5000SD, KIPOR KDE5000TA, KDE6500E, KDE6500T, KDE6500TA, KDE6700E, KDE6700T, KDE6700TA, KDE6800S, ATLANTIC TOOLS KDG7500, KDG7500LE, KDG7500X/E/T, LEADING LDE6800E, LDE6800T, LDE6800TA, LDE7800ME, LDG-5000, LDG5000S, LDG5000CL, LDG5500X, LAUNTOP LDG6000CL, LDG6000S, LDG7500LE, LONGEVITY LDG-6000, LDG-6500, MATRIX5500, Multi-Power MP5500, MP6500G, MP7000E, OPTI6800DE, OPTI6800SDE, POWERLAND PDU6500E, PACIFIC EQUIPMENT PG-7500, PQDE6500, SUNTOM SDE6500E, SDE6500T, SDE6700T, SDG5500S, TITAN TG-7500D, TAHOE TI7000LXR, UNITED POWER UP6500LE, UP7500WLE, UNITED POWER SYSTEMS UPD6500.

Sample Models Powered by 178F Diesel Engine:

AC-4000LE, AC-4000LN, AGI4000DE, AH4000LE, AH4000LN, DEK3500SL, DEK4500SL, DG4LE, DG4LNR, DG3600, DG3600E, DG3600-3, DG3600E-3, DG3600S, DHY4000L, DHY4000LE, DP4000DE, DP4000ED, ELM3500DE, JDP3500-LDE, KDE3500T, KDE3500E, KDG5500E, KDG5500X/E/T, LDE3800E, LDG3500CL, LDG3600S, LDG5500LE, OPTI4000DE, SDE3000X, SDE3000E, SDE3000T, UP5500LE, WDG3600CLE.

Table 6.2 Parts list of 4000DE, 6800DE and 6800SDE (refer to Figs. 6.2 & 6.3).

No.	Part No.	Part name	Qty.
1	17121	Drain plug	1
1-2	171211	Drain plug extension	1
2	17120	Drain plug gasket	2
3	78-1711702	Rear oil seal 30 x 45 x 8	1
	86-1711704	Rear oil seal 35 x 50 x 8	
4	78-1700103	Engine cylinder block	1
	86-1700110		
4-2	171212	M10 x 50 hexagon bolt	4
4-3	171213	Washer(also refer to 1710210)	4
4-4	171214	Spring washer	4
4-5	171215	M10 x 12 hexagon nut	4
5	78-17126	Fuel controller assembly	1
	86-1712601		
6	1711324	O ring for oil dipstick	2
7	86-1702002	Oil dipstick	2
8	171216	Oil pressure sensor	1
9	17123	Fuel pump fastening bolt (short)	1
10	17122	Fuel pump fastening bolt (long)	1
11	1719605	Fuel pump gasket(0.5)	1
12	17159	Sealing plate gasket	1
13	17158	Sealing plate	1
14	1710103	Flange head hexagon M6 nut	3
15	17195	Thrust piece	1
17	1710636	Flange head hexagon bolt(GB5789-86)	1
18	1710010	Needle bearing 7941/15	1
22	78-1700302	Cylinder head bolt (short)	2
	86-1700303		
23	78-1704802	Special washer	4
	86-1704803		
24	78-1705001	Cylinder head nut (short)	2
	86-1705003		
25	78-1719704	Cylinder head gasket(0.4)	1
	86-1706314		
26	78-1704902	Cylinder head nut (long)	2
	86-1704903		
27	78-1700202	Cylinder head bolt (long)	2
	86-1700203		
28	78-17182	Oval ring gasket 5.1 x 2.5	1
	86-1720106	Oval ring gasket 5.1 x 2.6	
35	78-1704602	Crankcase cover gasket	1
	86-1704603		
36	78-1710003	Ball bearing 206(GB/T276-94)	1
	86-1710004	Ball bearing 207(GB/T276-94)	

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

37	78-1701802	Main bushing	1
	86-1701803		
38	1711111	Retaining pin 8 x 12(GB118-86)	2
39	78-1701902	Crankcase cover	1
	86-1701903		
40	78-1711703	Front oil seal 30 x 45 x10	1
	86-1711705	Front oil seal 35 x 50 x10	
41	78-1710083	Flange head hexagon M8 x 33.5 bolt	15
	86-1710083		16
42	1710083	Flange head hexagon M8 x 33.5 bolt	1
43	78-1710084	Spring washer	15
	86-1710084		16
44	78-1710085	Washer	15
	86-1710085		16
45	1711602	Aluminum plug 8 x 8	3
46	78-1703102	Air intake pipe gasket	1
	86-1703103		
47	78-1702402	Cylinder head	1
	86-1702404		
48	78-1702601	Intake valve	1
	86-1702603		
49	78-1702602	Exhaust valve	1
	86-1702604		
50	78-17186	Muffler gasket	1
	86-1718601		
51	78-1710955	Double ended bolt AM6 x 55(GB899-88)	2
	86-1710956	Double ended bolt AM6 x 75(GB899-88)	2
52	1710722	M6 x 22 bolt(GB5789-86)	1
53	78-17066	Cylinder head cover	1
	86-1706603		
54	17142	Oiling hole plug	1
55	17141	Plastic ball	1
56	17146	Breather	1
57	17147	Pin	1
58	171132	O ring 12 x 1.9	1
59	1701021	Plunger	1
60	78-17170	Cylinder head cover gasket	1
	86-1717001		
61	17140	Decompression lever spring	1
62	17139	Decompression lever	1
63	1711310	O ring 10 x 1.9(GB1235-76)	1
64	1711103	Retaining pin 3 x 16(GB119-86)	1
65	78-1710655	M6 x 55 flanged bolt(GB5789-86)	2
	86-1710630	M6 x 70 flanged bolt(GB5789-86)	3

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

66	78-1701402	Piston ring set	1
	86-1701403		
67	17014100	First piston ring	1
68	17014101	Second piston ring	1
69	17014102	Oil ring complete	1
70	78-1701202	Piston	1
	86-1701204		
71	78-1701702	Piston pin	1
	86-1701703		
72	78-1701602	Retaining clip of piston pin Diameter 21mm	2
	86-1701603	Retaining clip of piston pin Diameter 23mm	
73	78-1701302	Connecting rod assembly	1
	86-1701303		
74	17013100	Bushing	1
75	17013101	Connecting rod	1
76	17013102	Crank pin box	1
77	17013103	Rod bolt	2
78	78-1701502	Connecting rod journal bearing	1
	86-1701503		
79	78-1706500	Balancing shaft assembly	1
	86-1706500		
80	78-1706502	Balancing shaft	1
	86-1706503		
81	1710507	Key 5 x 7(GB1096-79)	2
82	78-1706602	Balancing shaft timing gear	1
	86-1706603		
83	78-1710001	Ball bearing 202(GB/T276-94)	2
	86-1710000	Ball bearing 203(GB/T276-94)	
84	78-1707000	Crankshaft assembly	1
	86-1707000		
85	78-1707702	Crankshaft timing gear	1
	86-1707703		
86	1710512	Key 5 x 12(GB1096-79)	1
87	1710514	Key 5 x 14(GB1096-79)	1
88	78-1700701	Crankshaft	1
	86-1700708		
89	1711601	6 x 8 plunger	1
90	78-1707802	Balancing shaft driving gear	1
	86-1707803		
91	78-1710007	Ball bearing 307(GB/T276-94)	1
	86-1710008	Ball bearing 308(GB/T276-94)	
94	1701304	Bushing	1
95	1701305	Flywheel nut	1

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

98	78-1705102	Push rod	2
	86-1705103		
99	78-17157	Valve tappet	2
	86-1715701		
100	78-1701102	Camshaft timing gear	1
	86-1701103		
101	78-1710504	Key 4 x 12(GB1096-79)	1
	86-1710514	Key 5 x 14(GB1096-79)	
102	78-1701002	Camshaft	1
	86-1701000		
103	78-17175	Air cleaner gasket	1
	86-1717501		
104	78-1703002	Intake pipe	1
	86-1703003		
105	78-17180	Bottom case assembly of air cleaner	1
	86-1718003		
106	17137	Double ended bolt AM6 x 22(GB899-88)	1
107	1710103	Flange head hexagon M6 nut	3
108	78-17179	Inner shock proof sealing ring	1
	86-1718002		
109	78-1717602	Air filter element	1
	86-1717601		
110	78-17181	Air filter shock absorber	1
	86-1718101		
111	78-17178	Outer shock proof sealing ring	1
	86-1718001		
112	78-1718004	Air filter cover seal ring	1
	86-1718005		
113	78-1718006	Complete air filter cover	1
	86-1718007		
114	78-1718102	Cover shock absorber	1
	86-1718103		
115	78-17177	Special washer	1
	86-17177		
116	78-1710107	M6 wing nut	1
	86-1710109	M8 wing nut	
117	78-17174	Air cleaner assembly	1
	86-1717401		
125	1710612	M6 x 12 bolt(GB5787-86)	3
126	17022	Oil pump cover	1
127	1711334	O ring 34.5 x 1.8(GB3452.1-82)	1
128	78-17135	Oil pump assembly	1
	86-1713501		
129	17135100	Outer rotator	1
130	17135101	Inner rotator	1

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

130-2	17135102	Pin	1
131	17135103	Oil pump shaft	1
132	78-1702302	Oil pump driving gear	1
	86-1702302		
133	1711103	3 x 16 pin(GB119-82)	1
134	1702103	Oil filter	1
135	1711316	O ring 20 x 2.65	1
136	17080	Oil guide	1
137	1710614	M6 x 14 bolt(GB5789-86)	1
138	78-1705702	Recoil starter	1
	86-1705703		
139	1710612	M6 x 12 bolt(GB6170-86)	3 or 4
140	1710106	M6 nut(GB6170-86)	1
141	1710306	Spring washer	1
142	78-1703903	Friction plate gasket	1
	86-1703803		
143	1703902	Friction plate	1
144	1704006	Starting claw plate	1
145	1721901	Torsional spring	1
146	1721801	Helical spring	1
147	1704005	Starting claw	2
148	78-1703202	Recoil reel	1
	86-1703203		
149	78-1703301	Flat torsional spring	1
	86-1703303		
150	78-1703802	Recoil starter handle	1
	86-1703802		
151	78-1703502	Recoil starter rope	1
	86-1703503		
152	78-1703402	Recoil case assembly	1
	86-1703404		
153	1719403	Fuel hose clamp	2
154	17189	Fuel hose	1
155	78-1704702	Fuel injector pump	1
	86-1704700		
156	1710608	M6 x 8(GB5787-86)	4
157	78-1705602	High pressure fuel pipe	1
	86-1705603		
158	78-1705402	Muffler assembly	1
	86-1705403		
159	1710814	M8 x 14 bolt(GB5789-86)	2
160	1710208	Flat washer 8	2
161	1710308	Spring washer 8	2

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

162	1710108	M8 nut(GB5789-86)	2
164	1711400	Speed control lever assembly	1
165	17167	Speed control lever	1
166	17168	Pan head screw	1
167	17164	Control system bracket	1
168	1710618	M6 x 18 bolt(GB5787-86)	1
169	1710614	M6 x 14 bolt(GB5787-86)	1
170	17163	Hexagon head nut	1
171	17165	Throttle cable	1
172	17166	Speed limit bolt	1
173	17162	Small return spring	1
174	78-17161	Big return spring	1
	86-17161		
175	17169	Thin hexagon nut	4
176	78-1700502	Fork lever assembly	1
	86-1700503		
177	78-17160	Governor spring	1
	86-1716001		
178	1711101	Governor lever	1
179	17124	Washer	1
179-2	1710009	Bearing 7941/8(GB290-64)	1
180	17125	Lever shaft gasket	1
181	1703022	3 x 22 pin	2
182	7011102	Lever shaft	1
183	8611601	Lever fork	1
184	17234	Governor fork tappet	1
187	78-1704702	Fuel injector pump assembly	1
	86-1704700		
188	1704710	Delivery holder	1
189	1704711	Delivery spring	1
190	1704712	Delivery gasket	1
191	1704713	Delivery valve	1
192	1704714	Delivery seat	1
193	1704715	Joint	1
194	1704716	O-ring	1
195	1704717	Pump body	1
196	1704718	Plunger	1
197	1704719	Shim set	1
198	1704720	Spring pin	2
199	1704721	Fuel pump plate	1
200	1704722	Control lever	1
201	1704723	Snap ring	1
202	1704724	Spring pin	1

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

203	1704725	Upper spring seat	1
204	1704726	Pump spring	1
205	1704727	Spring seat	1
206	1704728	Tappet	1
207	78-1705301	Fuel nozzle injector assembly	1
	86-1705301		
208	1705311	Nozzle body	1
209	1705321	Shim set	1
210	1705331	Nozzle spring	1
211	1705341	Spring retainer	1
212	1705351	Stop plate	1
213	1705361	Pin	2
214	1705371	Nozzle valve	1
215	78-1705302	Fuel injector cap	1
	86-1705302		
216	1705381	Spring pin	1
217	MF36AH	battery	1
	MF24AH		
231	17144	Shock pad	1
232	78-1704102	Fan cover	1
	86-1704105		
233	17143	Fan cover bolt shock absorber	4
234	17145	Collar	4
235	1710206	M6 washer(GB90-85)	4
236	1710622	M6 x 22 bolt(GB5787-86)	2
236-2	1710622	M6 x 22 bolt(GB5787-86)	2
237	1716100	Flywheel alternator	1
238	1710620	M6 x 20 bolt(GB5787-86)	3
239	1710712	M6 x 12 countersunk head screw	3
240	1716002	M6 spring washer	1
241	1710612	M6 x 12 pan head bolt	2
242	1716003	DC12V Voltage Regulator	1
243	1716004	Starting motor	1
244	1710035	M10 x 35 flange head hexagon bolt	2
245	171214	M10 spring washer	2
246	1710210	M10 washer	2
247	78-1704502	Flywheel with gear	1
	86-1705504		
248	6800s100	Type B fuel coke assembly	1
248-1	6800s101	Fuel coke assembly head	1
248-2	6800s102	Fuel filter(also refer to 1704303)	1
248-3	6800s103	O-ring fuel gasket	1
248-4	6800s104	Plastic tube	1

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

248-5	6800s105	Water float	1
248-6	6800s106	Threaded annular locker	1
249	6800s200	Bracket for cover	1
249-2	6800s201	Flange head bolt	2
249-3	6800s202	Spring washer	2
249-4	6800s203	Washer	2
250	6800s204	Front fan hood	1
250-2	6800s205	Flange head bolt	2
251	6800s206	End fan hood	1
251-2	6800s207	Flange head bolt	2
252	6800s208	Guide bellows cover	1
252-2	6800s209	Flange head bolt	9
253	6800s210	Complete upper muffler	1
253-2	6800s211	Flange head bolt	2
254	6800s212	Muffler turning joint pipe	1
254-2	6800s213	Pan head screw	1
255	6800s214	Complete lower muffler	1
255-2	6800s215	Flange head bolt	2
256	6800s216	Muffler ripple pipe	1
257	6800s217	Guide bellows bracket	1
257-2	6800s218	Flange head bolt	2
258	6800s219	Guide bellows	1
258-2	6800s220	Flange head bolt	6
259	6800300	Front cover	1
	6800s300		
261	6800s302	M8 x 32 flange hexagon head bolt	4
262	6800s303	Rotor assembly	1
	4000303		
263	6800s304	Washer	1
264	6800s305	Spring washer	1
265	6800s306	M10 x 230 alternator bolt	1
	4000306	M10 x 210 alternator bolt	
266	6800s307	Stator assembly	1
	4000307		
267	6800s308	Rear cover	1
267-2	171215	M10 x 12 hexagon nut	2
267-3	171214	Spring washer	2
267-4	171213	Washer	2
267-5	171212	M10 x 50 hexagon bolt	2
268	6800309	End cover	1
269	6800s310	M6 x 160 flange hexagon head bolt	4
	4000310	M6 x 140 flange hexagon head bolt	

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

270	6800s311	Capacitor	1
	6800s312	AVR	
270-2	1710620	M6 x 20 bolt(GB5787-86)	2
270-3	1716002	M6 spring washer	2
270-4	1710206	M6 washer(GB90-85)	2
271	6800s313	Terminal block	1
271-2	1710620	M6 x 20 bolt(GB5787-86)	2
272	6800s314	End cover	1
273	6800s400	Air cleaner window cover	1
273-2	1710815	M8 x 15 bolt	4
273-3	1710804	M8 washer	4
274	6800s401	Engine front air cover	1
274-2	1710815	M8 x 15 bolt	10
274-3	1710804	M8 washer	10
275	6800s402	Air cleaner intake seat	1
275-2	1710815	M8 x 15 bolt	6
276	6800s403	Soundproof cover	1
276-2	1710815	M8 x 15 bolt	8
276-3	1710804	M8 washer	8
277	6800s404	Upper cover	1
277-2	1710815	M8 x 15 bolt	4
277-3	1710804	M8 washer	4
278	17153	Fuel filler cap	
279	17155	Fuel lever rubber seal	1
280	17156	Fuel level glass	1
281	6800s405	Left side cover	1
281-2	1710815	M8 x 15 bolt	6
281-3	1710804	M8 washer	6
282	6800s406	Muffler inner cover	1
282-2	1710815	M8 x 15 bolt	7
282-3	1710804	M8 washer	7
283	6800s407	Muffler outer cover	1
283-2	1710815	M8 x 15 bolt	6
283-3	1710804	M8 washer	6
284	6800s408	Commonality base	1
	4000408		
285	6800s409	Lever handle	1
286	6800s410	Under pan air cover	1
286-2	6800s411	Flange head bolt	10
287	78-1710107	M6 wing nut	2
288	6800s412	Battery retainer	1
289	6800s413	Battery pad	1
290	6800s414	Hook bolt	2

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

291	6800s415	Battery holder(silent model)	1
	6800415	Battery holder(open frame model)	
291-2	1710815	M8 x 15 bolt	4
292	6800s416	DC12V solenoid(used with cable)	1
		DC12V solenoid(installed in fuel pump)	
292-2	1710612	M6 x 12 bolt(GB5787-86)	2
292-3	1716002	M6 spring washer	2
292-4	1710206	M6 washer(GB90-85)	2
292-5	1710106	M6 nut(GB6177-86)	2
293	6800s417	Shock absorber	4
293-2	171215	M10 x 12 hexagon nut	4
293-3	171214	Spring washer	4
293-4	171213	Washer	4
294	6800s418	3.5" or 7.5" solid wheel	4
	6800418	8.5" solid wheel	2
294-2	1710210	Flat washer 10	8
	1710220	Flat washer 20	4
294-3	6800s419	Cotter pin	2 or 4
295	6800s420	Soundproof under pan	1
296	17153	Fuel tank cap	1
297		Fuel tank cap seal	1
298	17146	Fuel strainer	1
299	17157	Fuel tank(4000/6800 open frame)	1
	17158	Fuel tank(6800 silent)	
299-2	1710622	M6 x 22 bolt(GB5787-86)	4
299-3	1710206	M6 washer(GB90-85)	4
300	17152	Fuel level indicator	1
301	17155	Fuel lever indicator gasket	1
302	17143	Shock absorber for fuel tank	4
303	17145	Metal sleeve(collar)	4
304	1704302	Type A fuel filter	1
	1704303	Type B fuel filter(also refer to 6800s102)	
305	17148	Fuel filter gasket	1
306	17149	Fuel valve gasket	1
307	17151	Fuel valve plate	1
308	17154	O-ring fuel gasket	1
309	17150	Fuel coke assembly	1
309-2	1710106	M6 nut(GB6177-86)	2
310	6800s500	Control panel assembly(silent model)	1
	6800500	Control panel assembly(open frame model)	
311	6800s501	Starter switch with key	1
312	6800s502	Low oil warning indicator light	1
313	6800s502	Power indicator light	1

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

314	6800s503	Volt meter	1
315	6800s504	Glow plug button	1
316	6800s502	Glow plug indicator light	1
317	6800s505	120V outlet	2
	6800s506	Dual GFI 120V outlet	1
318	6800s507	Voltage switch (120v/240v)	1
319	6800s508	Ground terminal	1
320	6800s509	Four prong twist lock(120V/240V dual outlet)	1
	6800s510	Three prong twist lock(120V outlet)	1
321	6800s511	DC positive terminal	1
322	6800s512	DC negative terminal	1
323	6800s513	250V 10A fuse(3mm x 15mm)	1
	6800s514	250V 10A fuse(5mm x 30mm)	3 or 4
324	6800s515	Circuit breaker	1
325	1710815	M8 x 15 bolt	2
326	6800s222	Spring washer	2
327	6800s224	M8 nut(also refer to 1710108)	2
328	1710612	M6 x 12 bolt(GB5787-86)	6
329	6800s221	M8 x 40 bolt	4
329-2	6800s222	Spring washer	6
329-3	6800s223	Washer	6
329-4	6800s224	M8 nut(also refer to 1710108)	2
330	6800s225	Muffler connection gasket	1
331		Ripple pipe exit gasket	1
332		Ripple pipe inlet gasket	1
333	6800s421	Air filter inlet shock absorber	1
336	6800107	M6 screw	3
338	6800s232	Fuel line shock absorber	1
338-2	6800s233	M8 x 30 bolt	2
339	1710103	M6 nut(GB6177-86)	2
340	1717302	Fuel injector retaining plate	1
341	1717303	Fuel line fitting	1
342	17212	Fuel return hose clamp	2
343	17192	Fuel return hose	1
344	78-1710745	Rocker arm fastening bolt	1
	86-1716901		2
345	78-1702100	Exhaust rocker arm	1
	86-1702100		
346	78-1702102	Intake rocker arm	1
	86-1702102		
347	17165	Valve clearance adjusting screw	2
348	1706075	M6 x 75 special nut	2
349	78-1702101	Rocker arm support	1
	86-1702101		

Table 6.2 continued to next page.

Table 6.2 Continued from previous page.

350	78-1702106	Valve cap	2
	86-1702106		
351	78-1702702	Valve clip	2
	86-1702703		
352	78-1782802	Valve spring seat	2
	86-1702803		
353	78-1702902	Valve spring	2
	86-1702903		
354	78-17136	Valve spring washer	2
	86-1713601		
354-1	78-1702004	Valve guide oil seal(between 353 & 354)	2
	86-1702100		
355	1711104	Pin 4 x 8(GB119-86)	1
356	6800s303A	Ball Bearing	1
	4000303A		
357	78-171216	Oil pressure sensor	1
	86-171216		
358	78-1710955	Double ended bolt AM6 x 55(GB899-88)	2
	86-1710956	Double ended bolt AM6 x 75(GB899-88)	2
359	78-1712201	AM 6 x 42 fuel injector bolt	2
	86-17122	AM 6 x 50 fuel injector bolt	
360	1710920	Double ended bolt AM8 x 20(GB899-88)	2
361	78-17168	Rocker arm assembly	1
	86-1716801		
362	78-1716802	Rocker arm shaft	1
	86-1716802		
363	6800s516	Flat head screwdriver	1
364	6800s517	Hexagon key (8/10mm)	1
365	6800s518	Hexagon key (12/14mm)	1
366	6800s519	Hexagon key (17/19mm)	1
555-5	6800s520	Tool bag(optional)	1

Parts Store - 170F 178F 186F Diesel Engine Parts Generator Spare Parts

We only carry and sell high quality after market parts for generators. Parts and assembly quality control make huge difference in generator quality. Many parts, diesel motors and generator heads look the same, but you have no idea of what parts are installed inside. Our mission is to design and make industrial grade products for customers. Most of our customers are commercial users, e.g., drivers, contractors, farmers and builders. The typical span life of our diesel motor is 3000 hours and up to 5000 hours if customer maintains it routinely and properly. Our generator still rocks after years of use. Many cheap generators with low quality parts are being sold in the market, that are designed for use during hurricane and snowstorm seasons. They can work a couple of weeks or even hours and then get big problem such as breakdown of diesel motor and burnt-up of generator head.

Be aware of low quality parts sold by others. If you are a commercial user, our high quality parts are strongly recommended.

We carry many parts you need for your portable diesel generator driven by either 178F/E or 186F/E/AE engine. Some selected parts from our stock are listed below. For your convenience, please refer to Exploded View of Parts List and Complete Parts List. Before you make a call with us, please make sure what type of engine is installed in your generator. You can identify your engine type by looking close at your fuel injection pump with characters either 86 or 70/78 marked on. You can also identify from EPA Sticker pasted somewhere in your generator. You can also refer to the following sample generator models List for help. If you have a problem with identifying your engine, please just give us your brand name and model, we help you find out. Parts can be ordered by calling or faxing E-Z Power Tools at the numbers provided below:

Direct: 678-298-7816

Fax: 678-819-2816

Sample Models Powered by 186F Diesel Engine:

6000DE, 6000LHE, 6000-LDEW, 6500T, 7500DE, 5GF-LDE, 6GF-LDE, 6GF-LHE, 6500T, AMICO AC-6000LE, AC-6000LN, APACHE ADG8500SE, AED6500S, AED6500XE, AURORA GENERATORS AGI6500DE, EMERGENCYPOWER AGI6500SDE, AGI6800DE, AGI6800SDE, AMICO AH6000LE, AH6000LN, AHR6000LE, AHR6000LN, AHW-6000LE, ACCURATE POWER AP6800DE, AP6800SDE, APACHE PREMIER 8500S, ALL POWER AMERICA APG3201, APG3202, CARROL STREAM CS6000DO, CS6000DS, DEK500SL, DEK6000SL, UNITED POWER DG5000 DG5000-3, DG5000E, DG5000E-3, JIANGDONG DG5500S, DG6500SE, EASTERN TOOLS AND EQUIPMENT DG6LE, ETQ DG6LN, DG6LNR, DGS106, DIESEL PRO 6700T, HYUNDAI DHY6000LE, DHY6000SE, DHYW180AC, DUROPOWER DP6220DEW, DP6500DE, DP6500DES, DP6500RDS, DP7500DE, DP7500DES, DP7500ED, DP7500EDS, DP7500DR, DP7500DRS, DP7500RDS, DUROMAX DURO STAR DS7200, DS7200Q, Eagle Power Tools E65DRE, RAMSOND ELITE 6500, ELIM ELM6000DE, ELM6000SDE, ELM6800T, FRONTIER F-7500D, MORPOWER GEN05500, BLUE MAX GEN6000DE, GEN7500DE, GEN6000LHE, BUFFALO TOOLS GENS7, STEELE GD-650E, HACER 7500ST-W, HDY5000LXB, HDY6000LXB, HDY6500LXB, JINDING JDP6000-LDE, JLD6500S, JVS5000SD, KIPOR KDE5000TA, KDE6500E, KDE6500T, KDE6500TA, KDE6700E, KDE6700T, KDE6700TA, KDE6800S, ATLANTIC TOOLS KDG7500, KDG7500LE, KDG7500X/E/T, LEADING LDE6800E, LDE6800T, LDE6800TA, LDE7800ME, LDG-5000, LDG5000S, LDG5000CL, LDG5500X, LAUNTOP LDG6000CL, LDG6000S, LDG7500LE, LONGEVITY LDG-6000, LDG-6500, MATRIX5500, Multi-Power MP5500, MP6500G, MP7000E, OPTI6800DE, OPTI6800SDE, POWERLAND PDU6500E,

PACIFIC EQUIPMENT PG-7500, PQDE6500, SUNTOM SDE6500E, SDE6500T, SDE6700T, SDG5500S, TITAN TG-7500D, TAHOE TI7000LXR, UNITED POWER UP6500LE, UP7500WLE, UNITED POWER SYSTEMS UPD6500.

Sample Models Powered by 178F Diesel Engine:

AC-4000LE, AC-4000LN, AGI4000DE, AH4000LE, AH4000LN, DEK3500SL, DEK4500SL, DG4LE, DG4LNR, DG3600, DG3600E, DG3600-3, DG3600E-3, DG3600S, DHY4000L, DHY4000LE, DP4000DE, DP4000ED, ELM3500DE, JDP3500-LDE, KDE3500T, KDE3500E, KDG5500E, KDG5500X/E/T, LDE3800E, LDG3500CL, LDG3600S, LDG5500LE, OPTI4000DE, SDE3000X, SDE3000E, SDE3000T, UP5500LE, WDG3600CLE.

Our spare parts cover portable diesel generators manufactured by the following Original Equipment Manufacturers (OEMs) in China, whose products retain at least 95% market share of China-made portable diesel generators sold in North America. You can identify the OEMs on the EPA stickers of portable diesel generators. A few companies of North America themselves have conducted EPA & CSA certification for one-cylinder head 170F, 178F and/or 186F diesel motors. However, they have not made and assembled portable diesel generators themselves at all. Their suppliers lie in one or more than one of the following OEMs.

If you need spare parts for China-made water-cooled diesel generators, please first identify the OEM on the EPA sticker or Name Card no matter whatever brand diesel motor is applied with your generator, e.g., Chinese Brands Huafeng, Lovol, Weichai, Yangdong, Laidong, Shanghai, Yuchai & Chaochai and Foreign Brands Deutz, Cummins, Perkins, Caterpillar & New Holland, we then help you outsource the original parts suppliers in China with high quality at fair cost.

OEMs List for 170F, 178F & 186F Diesel Motors in China:

China Lutian Machinery Co.,Ltd.
China Tianjie Group Co., Ltd.
Chongqing Tuopu Diesel Engine Factory
Fujian Fuzhou D & J Power Co.,Ltd.
Fujian Fuzhou Dimin Machinery Co.,Ltd.
Fujian Fuzhou Golden Flying Fish Diesel Engine Co.,Ltd
Fujian Fuzhou Hailin Machinery Co.,Ltd.
Fujian Fuzhou Hua Bo M & E Co.,Ltd.
Fujian Fuzhou Huacen Power Co.,Ltd.
Fujian Fuzhou JLT Power & Engine Machinery Factory
Fujian Fuzhou Kapur Power Equipment Co.,Ltd.
Fujian Fuzhou Launtop M & E Co., Ltd.
Fujian Fuzhou Leading Co., Ltd.
Fujian Fuzhou Lingli Power Co., Ltd.
Fujian Fuzhou Sunshine machine Co.,Ltd
Fujian Fuzhou Suntom Power Machinery Co., Ltd
Fujian Fuzhou United Power Equipment Co., Ltd.
Fujian koso Power Co. , Ltd.
Fujian LEGA Power Equipments Co., Ltd
Jiangsu Suzhou ERMA Machinery Co., Ltd.

Jiangsu SuZhou Jinding Machinery Manufacturing Co.,Ltd.
Jiangsu Changzhou Yarmax Power Co., Ltd.
Jiangsu Changzhou Deyong Machinery Co.ltd.
Jiangsu Changzhou Changfa Group
Jiangsu Wuxi Kaipu Power Co., Ltd.
Jiangsu WuXi Kipor Power Co., Ltd.
Jiangsu Wuxi H-Power Machinery Co., Ltd.
Jiangsu Jiangyin Lijian Power Equipment Co., Ltd.
Jiangsu Wuxi Kaiiao Power Machinery Co., Ltd.
Jiangsu Wuxi Chuangneng Power Technology Co., Ltd.
Jiangsu Yancheng Jianlong Mechanoelectric Manufacturing Co., Ltd.
Jiangsu Jiang Dong Group Co., Ltd.
Shanghai Exploit Motor Co., Ltd.
Shanghai Alpha Import & Export Co., Ltd.
Shanghai Lohoo Mechanical & Electrical Equipment Co., Ltd.
Shanghai Raise Power Machinery Co., Ltd.
Shanghai Sunshine machine Co.,Ltd.
Shanghai Sunshow Mechanical & Electrical Co., Ltd
Shanghai Techway Industrial Co., Ltd.
Shanghai Yang Ma Generator Co., Ltd.
Zhejiang Himalayas Machinery Co., Ltd.
Zhejiang Jiaxing Jiasheng Generator Manufacturing Co., Ltd.
Zhejiang Jinlang Power Co., Ltd.
Zhejiang Jinling Machinery Co.,Ltd.
Zhejiang Lingben Machinery & Electronics Co., Ltd.
Zhejiang Linhai New Tiger Machinery Co., Ltd.
Zhejiang New Huahe General Machinery Co., Ltd.
Zhejiang Nuodelong Machine & Electric Co., Ltd.
Zhejiang Taizhou Andi Universal Machinery Co., Ltd.
Zhejiang Taizhou Menghua Machinery Co., Ltd.
Zhejiang Taizhou Wangye Power Co., Ltd
Zhejiang Universal Machinery Co., Ltd.
Zhejiang Wanhao Machine Science and Technology Co., Ltd.
Zhejiang Wintools Industrial Co., Ltd.
Zhejiang Xinyue Holding Group Co., Ltd.
Zhejiang Yongkang Trust Machine Co., Ltd.