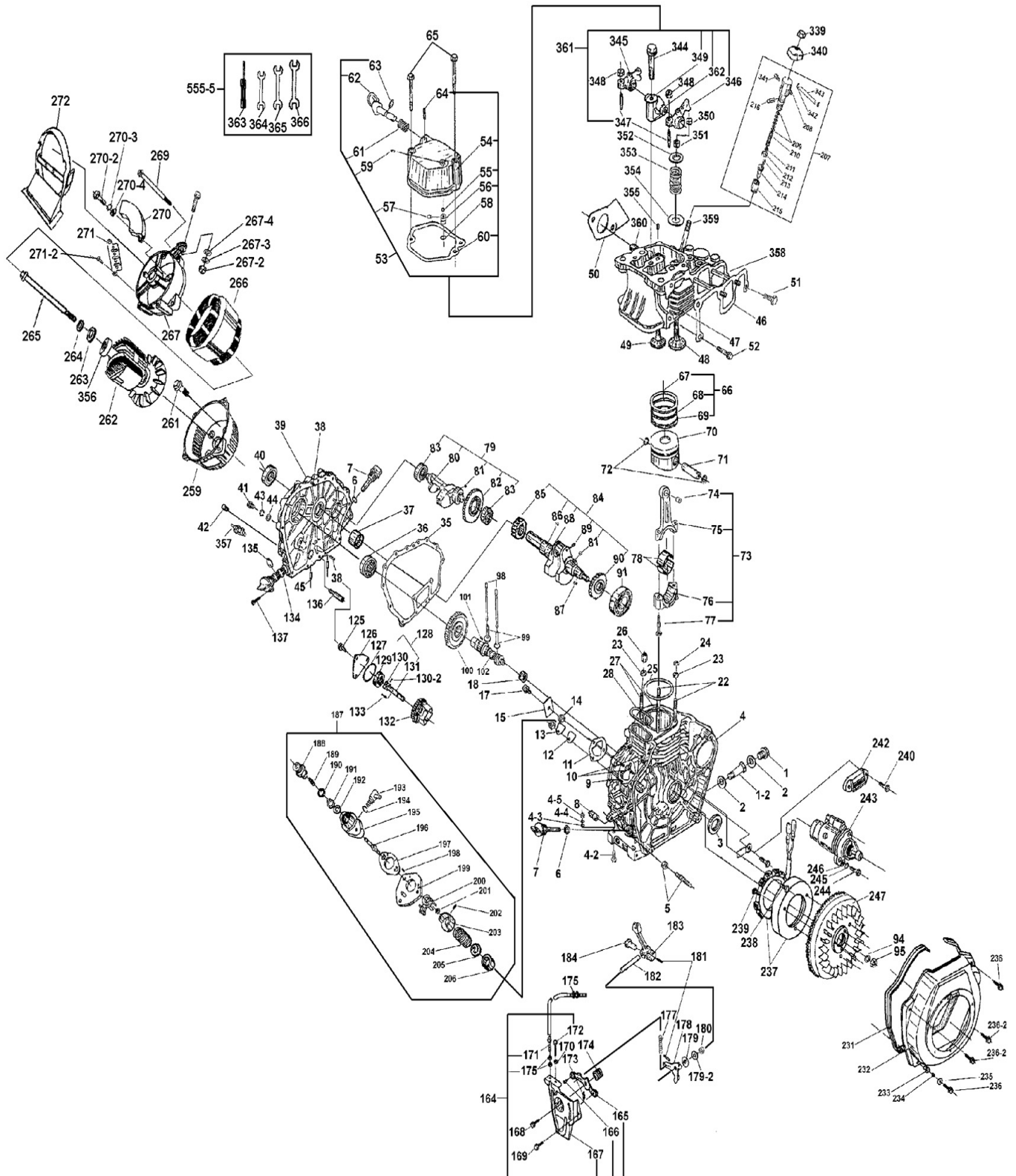
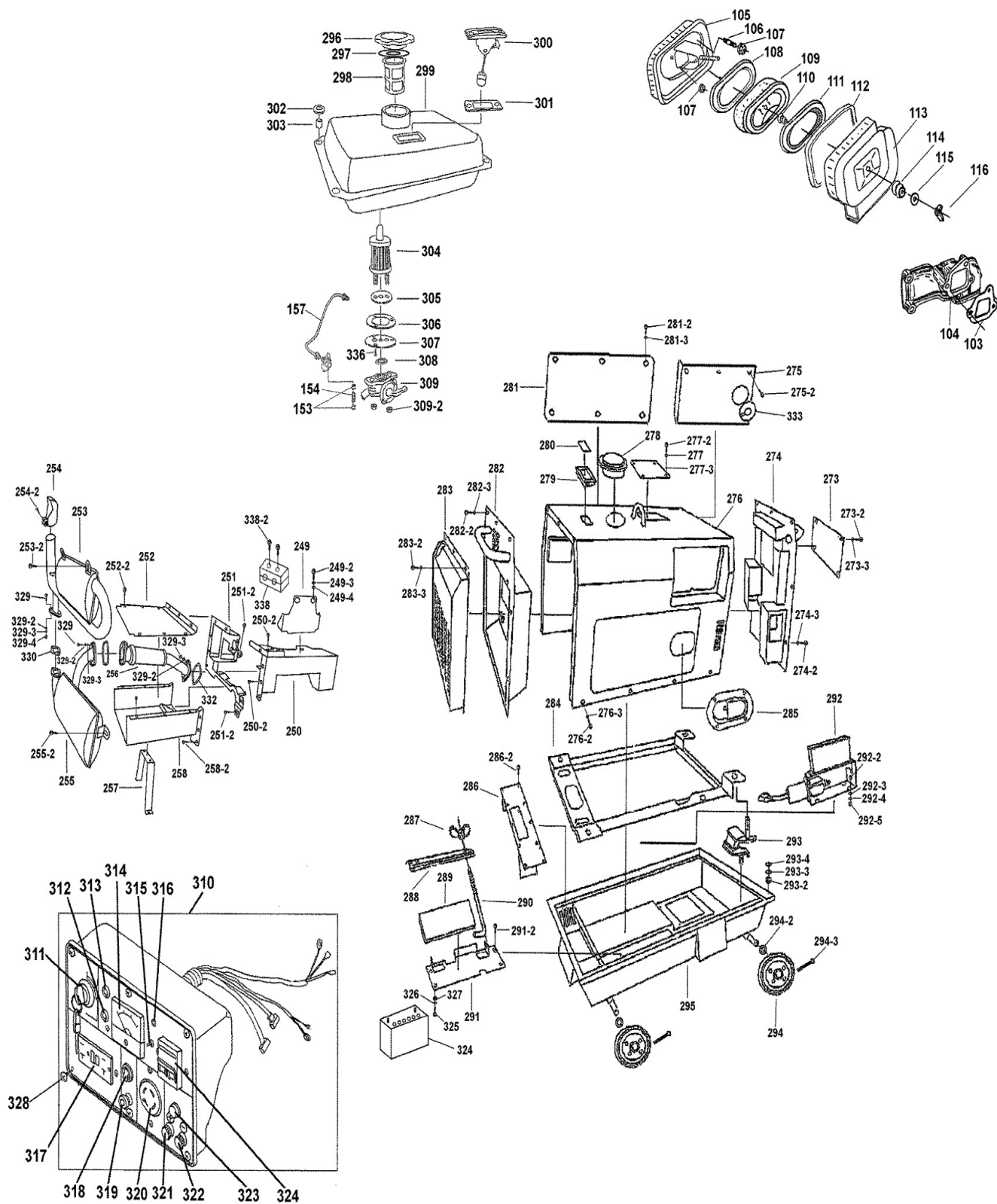


LDG5000S Part Diagram and List





LDG-5000S		Part Name
Diag.	Part Number	English Description
1	7001017	Drain plug
1-2		Drain plug extension
2	7001100	Drain plug seal
3	9701351	Oil seal
4	8601001	Cylinder block
4-2		Hex. bolt
4-3		Washer
4-4		Spring washer
4-5		Hex. nut
5	7011200	Fuel controller ass'y
6	9702024	O-ring
7	7801002	Oil gauge
8	9802008	Needle bearing
9	7001012	Threaded stud (short)
10	7001011	Threaded stud (long)
11	7012001	Fuel pump gasket
12	7012003	Seal plate gasket
13	7012002	Seal plate
14	9901061	Flange hd hex. nut
15	7001009	Retainer
17	9902081	Flange hd hex. bolt
18	ZCB7941/15	Needle bearing
22	8601003	Cylinder head stud (short)
23	8601007	Special washer
24	8601005	Cylinder head nut (short)
25	8601013	Cylinder head gasket
26	8601006	Cylinder head nut (long)
27	8601004	Cylinder head stud (long)
28	8601008	Seal ring
35	8601015	Crankcase gasket
36	9801207	Ball bearing
37	8601014	Main bushing
38	9905081	Pin

39	8601016	Crankcase cover
40	9701351	Oil seal
41	9902083	Flange hd hex. bolt
42	7001019	Flange hd hex. bolt
43		Spring washer
44		Washer
45	7001021	Plug
46	8602014	Air intake gasket
47	8602200	Cylinder head
48	8602003	Intake valve
49	8602004	Exhaust valve
51	9902070	Flange hd hex. bolt
52	9902072	Flange hd hex. bolt
53	8603300	Bonnet assembly
54	8603001	Cylinder head bonnet
55	7003200	Plastic ball
56		Breather
57		Pin
58	OM12019	O-ring
59	7001021	Plunger
60	8603003	Bonnet gasket
61	7003004	Decompression spring
62	7003100	Decompression shaft
63	9702010	O-ring
64	9905316	Pin
65	LSA06070	Flange hd hex. bolt
66	8604300	Piston ring set
67		First piston ring
68		Second piston ring
69		Oil ring complete
70	8604103	Piston
71	8604104	Piston pin
72	DQB23	Retaining ring/bore
73	8604200	Connecting rod assembly
74		Bushing
75		Rod body

76		Crank pin box
77	8604205	Rod bolt
78	8604205	Crank pin bushing
79	8605300	Balance shaft assembly
80	8605007	Balance shaft
81	PJA0507	Key
82	8605006	Balance gear
83	ZCA6203	Ball bearing
84	8605200	Crankshaft assembly
85	8605004	Timing gear
86	PJA0512	Key
87	PJA0514	Key
88	8605201	Crankshaft
89	7005202	Plunger
90	8605009	Balance driving gear
91	ZCA6308	Ball bearing
94	8605003	Bushing
95		Flywheel nut
98	8606100	Complete valve rod
99	8606003	Valve tappet
100	8606002	Camshaft timing gear
101	PJA0414	Key
102	8606001	Camshaft
103	8607001	Air cleaner gasket
104	8607401	Intake pipe
105	8607300	Complete air filter housing
106	LZA06022	Threaded stud
107	LMB06	Flange hd hex. nut
108	8607303	Air filter housing shock absorber
109	8607100	Complete air filter element
110	8607101	Element shock absorber
111	8607203	Air filter cover shock absorber
112	8607201	Air filter cover seal ring
113		Complete air filter cover
114	8607101	Cover shock absorber
115	PDA08	Special washer

116	LMD08	Wing nut
125	LSB0608	Flange hd hex. bolt
126	7009003	Oil pump cover
127	OM34518	O-ring
128	7809100	Oil pump assembly
129		Outer rotator
130		Inner rotator
130-2		Pin
131		Oil pump shaft
132		Oil pump gear
133		Pin
134	7809200	Oil filter
135	OM25024	O-ring
136	7809005	Intake pipe
137	LSB06014	Flange hd hex. bolt
153	7010011	Clamp
154	7010009	Fuel pipe
157	8610500	Complete fuel injection pipe
164	7011400	Control lever assembly
165		Control lever
166		Pan hd screw
167		Control system bracket
168		Flange hd hex. bolt
169		Flange hd hex. bolt
170		Hex. nut
171		Throttle cable
172		Speed limit bolt
173		Small return spring
174		Big return spring
175		Thin hex. Nut
177	8611006	Governor spring
178	7011101	Governor lever
179		Washer
179-2	7011003	Copper washer
180	YF081405	Oil seal
181	XA03022	Pin

182	7011102	Lever shaft
183	8611601	Lever fork
184	7811004	Tappet
187	8612000	Fuel pump assembly
188		Fuel pump outlet
189		Delivery spring
190		Delivery gasket
191		Delivery vale
192		Delivery seat
193		Joint
194		O-ring
195		Pump body
196		Plunger
197		Shim set
198		Spring pin
199		Fuel pump plate
200		Control lever
201		Snap ring
202		Spring pin
203		Upper spring seat
204		Pump spring
205		Spring seat
206		Tappet
207		Fuel nozzle assembly
208		Nozzle body
209		Shim set
210		Nozzle spring
211		Spring retainer
212		Stop plate
213		Pin
214		Nozzle valve
215		Nozzle nut
216		Spring pin
231	8617003	Fan cover shock absorber
232	8617100	Fan cover
233	7017002	Fan cover bolt shock absorber

234	7017003	Collar
235	PDB06	Washer
236	LSA06022	Flange hd hex. bolt
236-2		Flange hd hex. bolt
237	7016100	Flywheel
238	LSA06020	Flange hd hex. bolt
239	LDB06012	Countersunk hd screw
240	LSB06012	Pan hd screw
241	7016003	Clamp
242	7016004	Regulator
243	7016005	Starting motor
244	LSA10035	Flange hd hex. bolt
245	PDA10	Spring washer
246	TD10	Washer
247	8616200	Flywheel with gear
253		Complete upper muffler
253-2		Flange hd hex. bolt
254		Muffler turning joint pipe
254-2		Pan hd screw
255		Complete lower muffler
255-2		Flange hd hex. bolt
259	36002001	Front cover
261	LSB08032	Flange hd hex. bolt
262	50002100	Rotor complete
263	PDC10	Washer
264	TDA10	Spring washer
265	LZA10230	Alternator bolt
266	50002200	Complete stator
267	36002005	Rear cover
267-2		Hex. nut
267-3		Spring washer
267-4		Washer
267-5		Hex. bolt
269	LSB06160	Flange hd hex. bolt
270	50002300	Capacitor
270-2		Hex. bolt

270-3		Spring washer
270-4		Washer
271	36002400	Terminal block
271-2		Flange hd hex. bolt
272	36002007	End cover
279	3600S03006	Fuel lever rubber seal
280	3600S03008	Fuel level glass
285	3600S03127	Lever handle
287	3600S03128	Wing nut
288	3600S03125	Battery retainer
289	3600S03012	Battery pad
290	3600S03126	Hook bolt
291	3600S03124	Battery holder
291-2		Flange hd hex. bolt
292	3600S04001	Control box
292-2		Flange hd hex. nut
292-3		Spring washer
292-4		Washer
292-5		Hex. nut
293	3600S03011	Shock absorber
293-2		Hex. nut
293-3		Spring washer
293-4		Washer
294	3600S03017	Wheel
294-2		Washer
294-3		Cotter pin
296	36004001	Fuel tank cap
297		Fuel tank cap seal
298	36004002	Fuel strainer
299	36004003	Fuel tank
299-2		Flange hd hex. bolt
299-3		Washer
300	36004004	Fuel lever indicator
301	36004005	Fuel lever indicator gasket
302	36004006	Shock absorber for fuel tank
303	36004007	Metal sleeve

304	36004008	Complete fuel filter
305	36004009	Fuel filter gasket
306	36004010	Fuel valve gasket
307	36004011	Fuel valve plate
308	36004012	O-ring
309	36004013	Fuel valve
309-2		Flange hd hex. nut
310		Control panel assembly
311		Starter switch with key
312		Low oil warning indicator light
313		Power indicator light
314		Volt meter
315		Glow plug switch
316		Glow plug indicator light
317		Dual GFI 120V outlet
318		Voltage switch (120v/240v)
319		Ground terminal
320		Twist lock dual 120v/240v outlet
321		DC positive terminal
322		DC negative terminal
323		Fuse
324		circuit breaker
325		Flange hd hex. bolt
326		Spring washer
327		Hex. nut
328		Pan hd screw
336		Pan hd screw
344	8602106	Flange hd hex. bolt
345	8602103	Exhaust rocker arm
346	8602104	Intake rocker arm
347	7002105	Valve screw
348	LMA06075	Special hex. nut
349	8602102	Rocker arm support
350	8602106	Valve cap
351	8602001	Valve cotter
352	8602002	Spring retainer

353	8602005	Valve spring
354	8602007	Valve spring washer
355	XA04008	Pin
356		Ball bearing
357		Oil pressure switch
358	LZ06075	Threaded stud
359	LZ06050	Threaded stud
360	LZ08020	Threaded stud
361		Rocker arm assembly
362		Rocker arm shaft
363		Flat hd screwdriver
364		Hex. key (8-10mm)
365		Hex. key (12-14mm)
366		Hex. key (17-19mm)
367		Circuit breaker
555-5		Tool bag
249		Bracket for cover
249-2		Flange hd hex. bolt
249-3		Spring washer
249-4		Washer
250		Front fan hood
250-2		Flange hd hex. bolt
251		End fan hood
251-2		Flange hd hex. bolt
252		Guide bellows cover
252-2		Flange hd hex. bolt
256		Muffler ripple pipe
257		Guide bellows bracket
257-2		Flange hd hex. bolt
258		Guide bellows
258-2		Flange hd hex. bolt
273		Air cleaner window cover
273-2		Flange hd hex. bolt
273-3		Washer
274		Engine front air cover
274-2		Flange hd hex. bolt

274-3		Washer
275		Air cleaner intake seat
275-2		Flange hd hex. bolt
276		Soundproof cover
276-2		Flange hd hex. bolt
276-3		Washer
277		Upper cover
277-2		Flange hd hex. bolt
277-3		Washer
281		Left side cover
281-2		Flange hd hex. bolt
281-3		Washer
282		Muffler clapboard
282-2		Flange hd hex. bolt
282-3		Washer
283		Engine end air cover
283-2		Flange hd hex. bolt
283-3		Washer
284		Commonality base
286		Under pan air cover
286-2		Flange hd hex. bolt
295		Soundproof under pan
329		Flange hd hex. bolt
329-2		Spring washer
329-3		Washer
329-4		Hex. nut
330		Muffler connection gasket
331		Ripple pipe exit gasket
332		Ripple pipe inlet gasket
333		Air filter inlet shock absorber
337		Fuel lever indicator
337-2		Countersunk hd screw
338		Fuel line shock absorber
338-2		Flange hd hex. bolt
339		Flange hd hex. Nut
340		Fuel injector retaining plate

341		Fuel line fitting
342		Fuel return clip
343		Fuel return line