

#	Part Number	Description	Qty.
85	21.020002.01	Gasket, Cylinder Head Cover	1
86	24.021000.00	Cover, Cylinder Head	1
87	21.020001.00	Breather Tube	1
88	1.5789.0615	Flange Bolt M6 × 15	4
89	2.01.010	Stud Bolt M8 × 35	2
90	26.100001.00	Gasket, Exhaust Pipe	1
91	1.16674.0510	Flange Bolt M5 × 10	2
92	1.848.05	Washer Ø5	2
93	1.93.05	Lock Washer Ø5	2
94	24.101202.00	Muffler Protector	1
95	46.101300.05	Muffler Screen	1
96	1.818.0406	Screw M4 × 6	4
97	1.9074.4.0510	Screw/Washer Assembly M5 × 10	2
98	24.101000.00	Muffler Assembly	1
99	1.93.06	Lock Washer Ø6	6
100	1.6175.08	Nut M8	2
101	1.848.08	Washer Ø8	2
102	1.93.08	Lock Washer Ø8	2
103	26.010100.01	Cylinder Head, 224cc	1
104	2.01.009	Stud Bolt M6 × 110	2
105	24.130002.00	Gasket, Insulator	1
106	23.130001.00	Insulator, Carburetor	1
107	22.130003.00	Gasket, Carburetor	1
108	27.131000.04 27.131000.09	Carburetor	1
109	21.130004.00	Gasket, Air Cleaner	1
110	21.130100.00	Choke Handle	1
111	24.091100.01	Base, Air Cleaner	1
112	1.5789.0620	Flange Bolt M6 × 20	5
113	24.091003.02	Element, Air Cleaner	1
114	24.091200.02	Cover, Air Cleaner	1
115	24.091600.01	Screw Cap, Air Clean Cover	2
116	2.12.001	Buffer Ø7.5 × 7.5	1
117	2.06.006	Clamp Ø7 × Ø1	1
118	22.070013.00	Pipe, Air Cleaner	1
119	24.091000.02	Air Cleaner Assembly	1
120	24.101000.00.2	Muffler Assembly	1
121	22.061000.00	Recoil Assembly	1
122	24.070100.02	Cap, Fuel Tank	1
123	81.070301.00	Fuel Filter, Fuel Tank	1
124	1.5789.0633	Flange Bolt M6 × 33	1
125	24.071000.01.1	Fuel Tank	1
126	111.070300.01	Fuel Filter, Fuel Pipe	1
127	2.06.018	Clamp Ø10.5 × b8	1
128	24.070400.00	Fuel Valve	1
129	24.070011.01	Pipe, Ø4.5 × (30 + 30)	1
130	24.070010.00	Veil, Fuel Tank	1
131	5.1010.003.3	Ignition Switch, Red	1
132	24.070001.00	Fuel Knob	1
133	1.818.0412	Bolt M4 × 12	1
134	1.16674.0512.2	Flange Bolt M5 × 12	1

#	Part Number	Description	Qty.
135	2.06.007	Clamp Ø8 × b6	3
136	24.070011.00	Fuel Pipe Ø4.5 × Ø9.5 × 230	1
137	2.08.121	Flange Bolt M10 × 65	1
138	22.070014.00	Pipe, Reversal Valve	1
139	24.070700.00	Carbon Canister, 45cc	1
140	1.845.2965	Screw ST2.9 × 6.5	2
141	2.03.037	Washer Ø3.2 × Ø14 × 1	2

TROUBLESHOOTING

Problem	Cause	Solution
Engine will not start.	No fuel.	Add fuel.
	Faulty spark plug.	Replace spark plug.
	Unit loaded during start up.	Remove load from unit.
Engine will not start; Engine starts but runs roughly.	Low oil level.	Fill crankcase to the proper level. Place log splitter on a flat, level surface.
	Choke in the wrong position.	Adjust choke.
	Spark plug wire loose.	Attach wire to spark plug.
Engine shuts down during operation.	Out of fuel.	Fill fuel tank.
	Low oil level.	Fill crankcase to the proper level. Place log splitter on a flat, level surface.
Engine cannot supply enough power or overheating.	Insufficient ventilation.	Check for air restriction. Move to a well ventilated area.
Wedge movement is slow or erratic.	Air in the hydraulic oil system.	Purge air by extending and retracting the wedge several times until motion is smooth.
	Debris lodged in beam guides.	Clear debris from beam.
	Low hydraulic oil.	Check oil level and add as needed.
Oil leak from cylinder.	Faulty cylinder rod seal.	Contact Customer Service.
	Scored or bent cylinder rod.	Contact Customer Service.
	Loose hydraulic fitting.	Tighten hydraulic fitting.
	Faulty combination washer seal on cylinder hydraulic fitting.	Contact Customer Service.
Wedge will not extend or retract.	Faulty control valve.	Contact Customer Service.
	Faulty hydraulic pump.	Contact Customer Service.
	Low hydraulic oil.	Check oil level and add as needed.
Excessive bouncing while towing.	Under-inflated tires.	Inflate tires to proper pressure. Refer to tire sidewall.

For further technical support:

Technical Support Team
 Mon-Fri 8:30 AM-5:00 PM (PST/PDT)
 Toll Free 1-877-338-0999
support@championpowerequipment.com