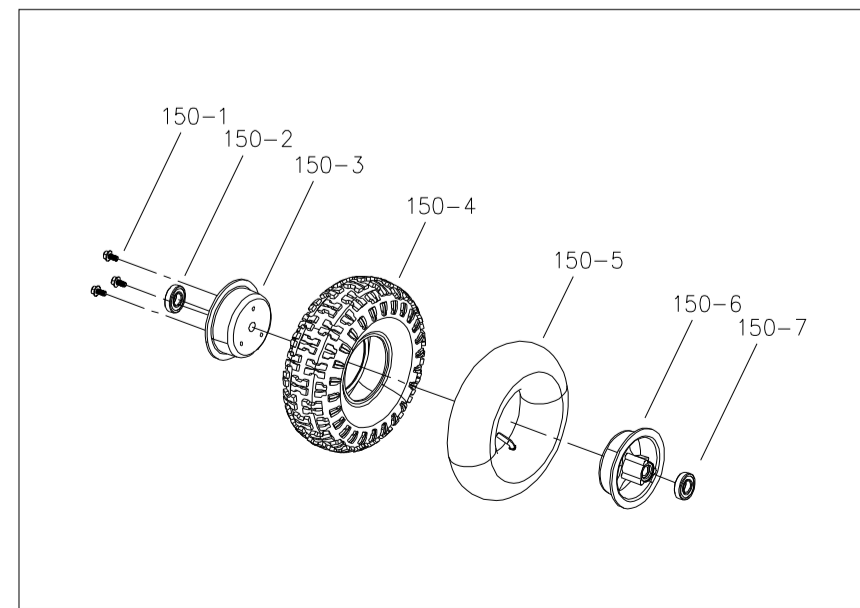
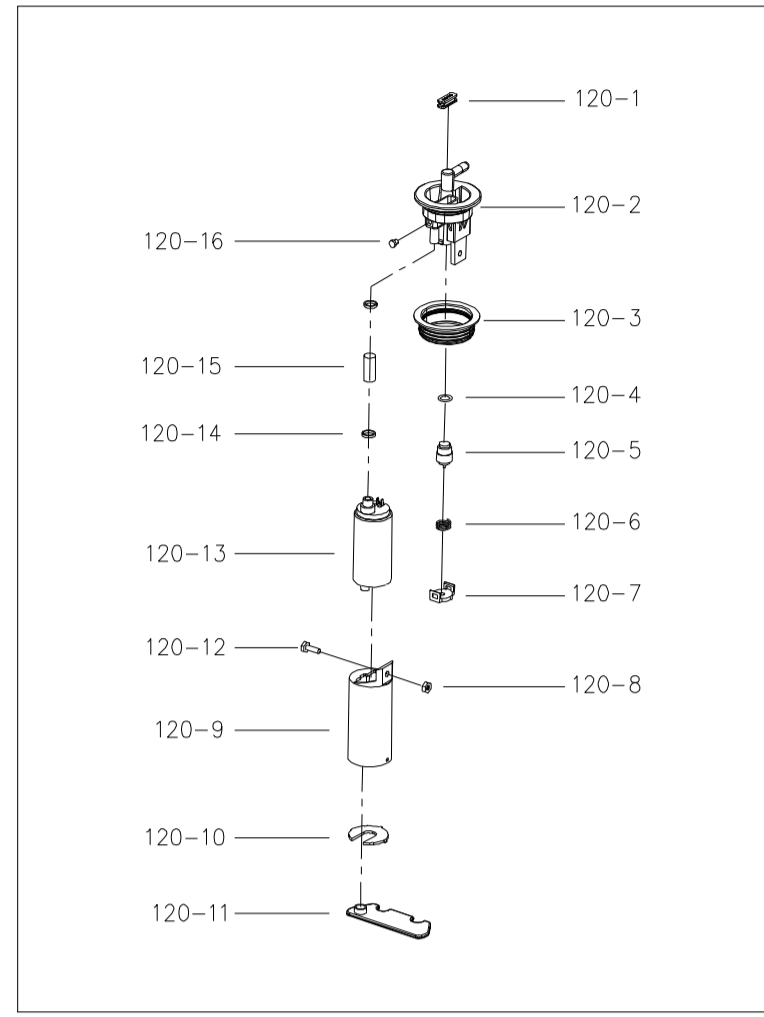
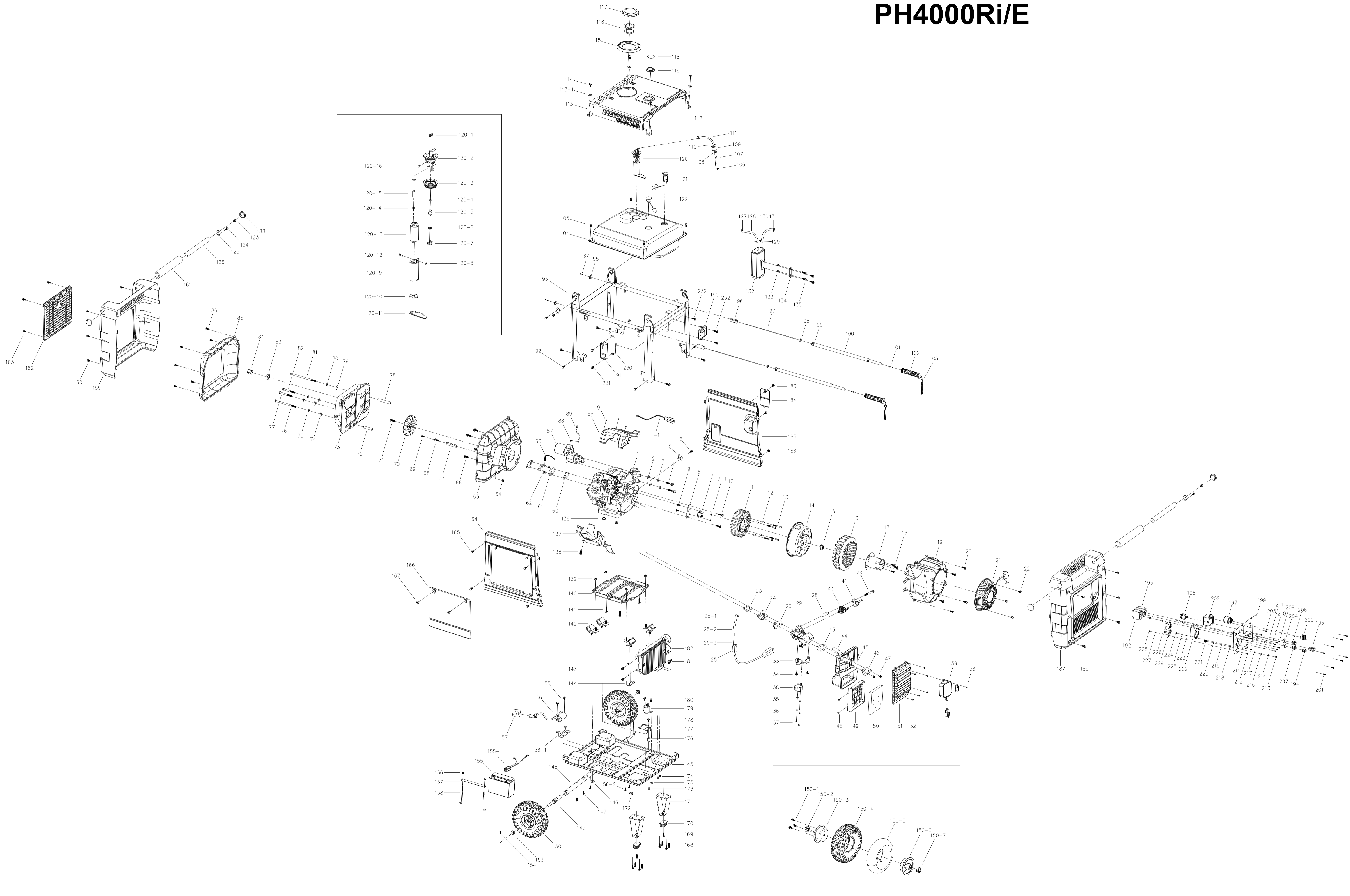


# PH4000Ri/E



## PH4000Ri/E Unit

Ref #	MFR #	Stock	Description	Comments	Discontinued
1	7504	69449	Engine Assy (177F)		
1-01	011501006	64510	Temperature Sensor, PH4000Ri/E		
2	03030143	62366	M8 Flat Washer, White, Heavy		
3	03030227	62367	M8 Spring Washer		
4	03050229	69354	M8 X 40 Flange Bolt		
5	09080104	69500	Cable Holder	Fits PH3100Ri, PH4000Ri/E	
6	03050221	69350	M6 X 12 Flange Bolt		
7	01150204	64457	Crank Position Sensor	Fits PH4000Ri/E only	
7-01	03060207	69826	M5 Serrated Flange Nut		
8	03071421	64459	Bracket, Crank Position Sensor	Fits PH4000Ri/E only	
9	03050826	--	M5 X 10 Screw		
10	03050222	69351	M6 X 16 Flange Bolt		
11	60079	65476	Stator F/Ceramic Mag's, PH4000		
12	03071205	62509	Guide Pin	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
13	03051036	69372	M6 X 55 Allen Screw		
14	07020305	61894	Rotor, Ceramic Magnets	Fits PH3100Ri, PH4000Ri/E	
15	03060206	69376	M16 X 1 Flange Nut		
16	09080006	69451	Intake Fan	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
17	09080009	69454	Starter Cup	Fits PH3100Ri, PH4000Ri/E	
18	03050360	69367	M6 X 16 Allen Bolt		
19	090801009	64537	Fan Cover Assy, PH3100/PH4000		
20	03050223	69352	M6 X 20 Flange Bolt		
21	09080109	69453	Recoil Starter Assy	Fits PH3100Ri, PH4000Ri/E	
22	03050221	69350	M6 X 12 Flange Bolt		
23	09080015	69572	Gasket 1, 3100/4000		
24	09080013	69546	Insulator Block, 3100/4000		
25	011502005	64464	MAP Sensor, PH4000Ri/E		
25-01	03080202	60779	7mm Hose Clamp		
25-02	09020155	--	Fuel Hose, Fuel Tank	Fits 500Wi, PH4000Ri/E. 4mm x 8mm x 170mm	
25-03	03080203	60781	8mm Hose Clamp		
26	09080018	69573	Gasket 2, 3100/4000		
27	09110650	64471	Fuel Injector, PH4000Ri/E		
28	09110268	64470	Injector Bushing, PH4000Ri/E		
29	03071422	64469	Throttle Body Assy, PH4000Ri/E		
33	09020160	64473	Step Motor Bracket	Fits PH4000Ri/E only	
34	03050821	69822	M4 X 16 Screw, Black		
35	03030106	--	M3 Flat Washer, White		
36	03030110	--	M3 Spring Washer, Black		
37	03050803	60885	M3 X 6 Screw		
38	09020159	64472	Step Motor	Fits PH4000Ri/E only	
41	090705030	--	Hose Fitting, PH4000Ri/E		
42	03051036	69372	M6 X 55 Allen Screw		
43	09080021	69574	Gasket, Air Box, 3100/4000		
44	04180322	69514	Breather Tube	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
45	09080024	69460	Air Filter Case	Fits PH3100Ri, PH4000Ri/E	
46	09080026	--	Air Filter Case Plate	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
47	03060133	69623	M6 Serrated Flange Nut		

Ref #	MFR #	Stock	Description	Comments	Discontinued
48	03050319	69360	ST4 X 12 Screw		
49	09080028	69464	Air Filter Cartridge	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
50	09080025	69461	Air Filter Element	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
51	09080027	69463	Air Filter Cover	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
52	03050319	69360	ST4 X 12 Screw		
55	03050201	69346	M5 X 16 Serrated Flange Bolt		
56	08011901	64475	Ignition Coil, PH4000Ri/E		
56-01	072101020	--	Bracket, Ignition Coil, 4000		
56-02	03050207	69790	M5 X 12 Flange Bolt		
57	04170304	--	Rubber Sleeve	Fits PH4000Ri/E only	
58	03051289	--	ST4.2 X 13 Screw, Black		
59	090704024	64518	RC Receiver, PH4000Ri/E		
60	09080040	69472	Exhaust Manifold Gasket	Fits PH3100Ri, PH4000Ri/E	
61	09080036	69469	Exhaust Pipe	Fits PH3100Ri, PH4000Ri/E	
62	03060208	69838	M8 Serrated Flange Nut		
63	011502006	64476	Oxygen Sensor, PH4000Ri/E		
64	03060133	69623	M6 Serrated Flange Nut		
65	09080584	63456	Muffler Cover, Large Fan	Fits PH3100Ri, PH4000Ri/E	
66	03051008	--	M10 X 30 Allen Bolt, Black		
67	09080041	69473	Muffler Shroud Holder	Fits PH3100Ri, PH4000Ri/E	
68	03050222	69351	M6 X 16 Flange Bolt		
69	03050222	69351	M6 X 16 Flange Bolt		
70	090805095	65246	Exhaust Fan, 3100/4000		
71	03050294	63536	M10 X 35 Flange Bolt, Fine		
72	03070148	69583	Muffler Sleeve, Short	Fits PH3100Ri, PH4000Ri/E	
73	09080143	69509	Muffler	Fits PH3100Ri, PH4000Ri/E. Use 69509 for replacement muffler for PH4000Ri/E	
73	092101035	--	Muffler, PH4000Ri/E	For replacement use 69509 09080143	
74	03030143	62366	M8 Flat Washer, White, Heavy		
75	03030227	62367	M8 Spring Washer		
76	03051053	64193	M8 X 150 Allen Bolt		
77	03051061	--	M8 X 80 Socket Bolt		
78	03070149	69584	Muffler Sleeve, Long	Fits PH3100Ri, PH4000Ri/E	
79	03030143	62366	M8 Flat Washer, White, Heavy		
80	03030227	62367	M8 Spring Washer		
81	03051054	69834	M8 X 170 Allen Bolt		
82	03051056	69833	M8 X 90 Allen Bolt		
83	09080193	69585	Clamp		
84	09080194	69586	Spark Arrestor	Fits PH3100Ri, PH4000Ri/E	
85	09080039	69471	Muffler Cover, Outer	Fits PH3100Ri, PH4000Ri/E	
86	03050222	69351	M6 X 16 Flange Bolt		
87	09080033B	60407	Starter Motor, High Speed	Fits PH3100Ri, PH4000Ri/E	
88	03050138	--	M4 X 8 Screw w/Washer		
89	02020903	--	Starter Wire, 500mm	Fits PH3100Ri, PH4000Ri/E	
90	090801016	61374	Top Engine Cover, 3100 & 4000		
91	03050319	69360	ST4 X 12 Screw		
92	03050221	69350	M6 X 12 Flange Bolt		
93	09010535	64477	Frame	Fits PH4000Ri/E only	

Ref #	MFR #	Stock	Description	Comments	Discontinued
94	09190009	--	M3 Serrated Flange Nut		
95	09190004	--	Handle End Cap	Fits PH4000Ri/E, PH6500Ri	
96	09190007	--	Handle Guide Sleeve	Fits PH4000Ri/E, PH6500Ri	
97	09190015	--	Handle Limiting Rod	Fits PH4000Ri/E only. 44cm	
98	09190008	--	Handle Locking Cam	Fits PH4000Ri/E, PH6500Ri	
98-01*	092101047	--	Shim	Fits PH4000Ri/E, PH6500Ri	
99	09190006	64478	Handle Guide Post	Fits PH4000Ri/E only	
100	09190001	--	Handle, Telescoping	Fits PH4000Ri/E, PH6500Ri	
101	09190005	--	Handle Washer, Nylon	Fits PH4000Ri/E, PH6500Ri	
102	09190002	64479	Handle Grip	Fits PH4000Ri/E only	
103	090705001	64480	Tether	Fits PH4000Ri/E only	
104	090202001	64481	Fuel Tank, PH4000Ri/E		
105	03050222	69351	M6 X 16 Flange Bolt		
106	092101067	63939	Spring Clamp	Fits PH4000Ri/E only. BCN 140925419152001 and higher	
107	04180305	64482	High Pressure Fuel Hose	Fits PH4000Ri/E only. 640mm	
108	092101067	63939	Spring Clamp	Fits PH4000Ri/E only. BCN 140925419152001 and higher	
109	092101030	61425	Fuel Filter, PH4000Ri/E	Secondary Fuel Filter	
109-01*	092101068	63988	Fuel Filter Element	Fits PH4000Ri/E only	
110	092101067	63939	Spring Clamp	Fits PH4000Ri/E only. BCN 140925419152001 and higher	
111	092101021	--	High Pressure Fuel Hose, 2	Fits PH4000Ri/E only. 185mm	
112	092101067	63939	Spring Clamp	Fits PH4000Ri/E only. BCN 140925419152001 and higher	
113	6868701	64514	Top Cover, PH4000Ri/E		
113-01	03030143	62366	M8 Flat Washer, White, Heavy		
114	03050223	69352	M6 X 20 Flange Bolt		
115	09080057	69478	Fuel Tank Grommet	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
116	09080136	60556	Fuel Strainer	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
117	68649	62650	Gas Cap, with Plastic Cover	Gas cap with plastic cover. Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
118	09080060	69481	Fuel Level Sight Glass	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
119	09080059	69480	Sight Glass Grommet	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
120	090705004	64483	Fuel Pump Assy, PH4000Ri/E		
120-01	09070223	--	Seal Ring, Wire Harness	Fits PH4000Ri/E only	
120-02	090705010	--	Fuel Pump Body, PH4000Ri/E		
120-03	090705012	--	Seal Ring, PH4000Ri/E		
120-04	09110269	--	Tubing Clip, PH4000Ri/E		
120-05	090705013	--	Tubing, PH4000Ri/E		
120-06	090705014	--	Spring, PH4000Ri/E		
120-07	090705015	--	Valve Cap, PH4000Ri/E		
120-08	03060112	--	M4 Nut, Black		
120-09	090705005	--	Fuel Pump Bracket, PH4000Ri/E		
120-10	090705016	--	Fuel Pump Plate, PH4000Ri/E		
120-11	090705017	64520	Fuel Pump Filter, PH4000Ri/E		
120-12	03050185	--	M4 X 12 Flange Bolt		
120-13	0907050011	--	Fuel Pump, PH4000Ri/E		
120-14	09110269	--	Tubing Clip, PH4000Ri/E		
120-15	090705013	--	Tubing, PH4000Ri/E		
120-16	090705018	--	Plug, PH4000Ri/E		
121	09110129	62689	Electronic Fuel Sending Unit	Fits PH4000Ri/E, PH6500Ri	

Footnote = \* indicates part not shown on EV

Ref #	MFR #	Stock	Description	Comments	Discontinued
122	09080116	69504	Fuel Level Indicator	Fits PH3100Ri, PH4000Ri/E	
123	03050230	69588	M6 X 30 Flange Bolt		
124	03050224	69589	M6 X 18 Bolt		
125	09080179	69587	Handle Plate	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
126	09080178	69506	Handle Bar	Fits PH3100Ri, PH4000Ri/E	
127	091106051	--	Hose Clamp		
128	04180208	--	Hose	Fuel injection hose. Fits PH4000Ri/E only	
129	091106051	--	Hose Clamp		
130	04180208	--	Hose	Fuel injection hose. Fits PH4000Ri/E only	
131	091106051	--	Hose Clamp		
132	09080589	64204	Carbon Canister	Fits PH3100Ri, PH4000Ri	
133	03060133	69623	M6 Serrated Flange Nut		
134	090402001	64484	Carbon Canister Bracket	Fits PH4000Ri/E only	
135	03050221	69350	M6 X 12 Flange Bolt		
136	03060208	69838	M8 Serrated Flange Nut		
137	09080032	69467	Bottom Engine Cover	Fits PH3100Ri, PH4000Ri/E	
138	03050140	69594	M8 X 16 Flange Bolt		
139	03060209	--	M10 X 1.5 Serrated Flange Nut		
140	09080042	69474	Engine Bracket	Fits PH3100Ri, PH4000Ri	
141	03050225	69614	M8 X 35 Flange Bolt		
142	09080043	69475	Vibration Absorber	Fits PH3100Ri, PH4000Ri/E	
143	03050206	69816	M5 X 8 Serrated Flange Bolt		
144	09080181	--	Inverter Mounting Bracket	Fits PH3100Ri, PH4000Ri/E	
145	09080177-1	--	Chassis, PH4000Ri/E		
146	03060208	69838	M8 Serrated Flange Nut		
147	03050225	69614	M8 X 35 Flange Bolt		
148	09020313	--	Axle, Long, PH4000Ri/E		
149	090705003	64489	Axle, Short, PH4000Ri/E		
150	09080594	64490	Wheel Assy, PH4000Ri/E		
150-01	03050222	69351	M6 X 16 Flange Bolt		
150-02	07190221	62421	Bearing 6202	Wheel Assy. Fits PH4000Ri/E, PH6500Ri	
150-03	09070391	--	Wheel Hub, PH4000Ri/E, PH6500Ri	With thru holes	
150-04	090704017	--	Tire, PH4000Ri/E		
150-05	090704016	64511	Inner Tube	Fits PH4000Ri/E only	
150-06	090705032	--	Wheel Hub, PH4000Ri/E	With threaded holes	
150-07	07190221	62421	Bearing 6202	Wheel Assy. Fits PH4000Ri/E, PH6500Ri	
153	09150108	--	Washer		
154	090705031	--	Cotter Pin	3x28mm	
155	PTX12BS-FS	62154	Battery, Power-Sonic PTX12BS-FS	Fits PH4000Ri/E, PH6500Ri	
155-01	092501006	65241	Battery Harness	With quick disconnect. Fits PH2700PRI, PH3100Ri, PH4000Ri/E, PH6500Ri	
156	03060207	69826	M5 Serrated Flange Nut		
157	092101052	61453	Battery Securing Bar, 4000		
158	09090073	69516	Battery Hold Down Bolt	Fits PH3100Ri, PH4000Ri/E	
159	68581	69323	Rear Cover	Fits PH3100Ri, PH4000Ri/E	
160	03050222	69351	M6 X 16 Flange Bolt		
161	09080188	61989	Handle Sponge Sleeve, Long	Fits PH3100Ri, PH4000Ri/E	
162	68582	69324	Exhaust Grille	Fits PH3100Ri, PH4000Ri/E	

Ref #	MFR #	Stock	Description	Comments	Discontinued
163	03050221	69350	M6 X 12 Flange Bolt		
164	09080581	64217	Left Side Cover, r1	No PH badge mounting holes, Fits PH3100Ri, PH4000Ri/E	
165	03050221	69350	M6 X 12 Flange Bolt		
166	09080078	69492	Maintenance Cover	Fits PH3100Ri, PH4000Ri/E	
167	03050713	69370	M6 X 16 Large Head Screw		
168	03050221	69350	M6 X 12 Flange Bolt		
169	03050360	69367	M6 X 16 Allen Bolt		
170	09010536	64491	Rubber Foot, PH4000Ri/E		
171	090705006	64494	Frame, Rubber Foot	Fits PH4000Ri/E only	
172	03060208	69838	M8 Serrated Flange Nut		
173	03060133	69623	M6 Serrated Flange Nut		
174	03060207	69826	M5 Serrated Flange Nut		
175	03060207	69826	M5 Serrated Flange Nut		
176	03070136	62378	Bushing, Long	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
177	092101064	62223	Voltage Regulator	Fits PH4000Ri/E only	
178	03050311	--	M6 X 45 Allen Screw		
179	09080098	69498	Starter Relay	Fits PH2100Pri, PH2700Pri, PH3100Ri, PH4000Ri/E, PH6500Ri	
180	03050201	69346	M5 X 16 Serrated Flange Bolt		
181	03050207	69790	M5 X 12 Flange Bolt		
182	71146	64496	Inverter Assembly, PH4000Ri/E		
183	03050713	69370	M6 X 16 Large Head Screw		
184	09080079	69493	Oil Access Cover	Fits PH3100Ri, PH4000Ri/E	
185	09080582	64219	Right Side Cover, r1	No PH badge mounting holes. Fits PH3100Ri, PH4000Ri/E	
186	03050221	69350	M6 X 12 Flange Bolt		
187	6868699	64497	Front Cover, PH4000Ri/E		
188	09080058	69479	Rubber Handle Plug	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
189	03050222	69351	M6 X 16 Flange Bolt		
190	090705008	64499	ECU, PH4000Ri/E		
191	090705002	64504	Load Controller	Fits PH4000Ri/E only	
192	10010109	69527	AC Circuit Breaker, 20A	Fits 2000Wi, PH3100Ri, PH4000Ri/E	
193	10010115	69528	AC Circuit Breaker, 30A	Fits PH3100Ri, PH4000Ri/E	
194	100301005	61501	Rocker Switch, Remote, Lighted	Fits PH4000Ri/E only	
195	10010102	69526	DC Circuit Breaker, 10A	Fits 1000Wi, 2000Wi, PH1000i, PH3100Ri, PH4000Ri/E, PH6500Ri	
196	04130103	62327	DC Socket, T Style	PH4000Ri/E, PH6500Ri all production	
197	09080093	69496	Ignition Switch w/Keys	Fits PH2100Pri, PH2700Pri, PH3100Pri, PH4000Ri/E, PH6500Ri	
199	04120145	--	Control Panel, PH4000Ri/E		
200	09080089	69442	Ignition Keys (2), All Models	Fits PH2100Pri, PH2700Pri, PH3100Ri, PH4000Ri/E, PH6500Ri	
201	030503892	--	ST4.2 X 13 Screw		
202	090801001	64509	LCD Display, PH4000Ri/E		
204	68249	69652	Button Protector	For all PH models	
205	030503892	--	ST4.2 X 13 Screw		
206	10030104	69532	Reset Button (Green)	Fits PH1000i, PH21/27, PH2100Pri, PH2700Pri, PH3100Ri, PH4000Ri/E, PH6500Ri	
207	09080090	69494	Stop Button (Red)	Fits PH2100Pri, PH2700Pri, PH3100Pri, PH4000Ri/E, PH6500Ri	
209	03050804	--	M3 X 10 Screw		
210	03030110	--	M3 Spring Washer, Black		

Ref #	MFR #	Stock	Description	Comments	Discontinued
211	03030111	--	M3 Flat Washer, Black		
212	03050817	69875	M4 X 12 Screw		
213	03060139	--	M5 Nut , Yellow Zinc		
214	03030130	--	M5 Flat Washer, Heavy		
215	03030105	62681	M4 Flat Washer, Standard		
216	03060139	--	M5 Nut , Yellow Zinc		
217	03030130	--	M5 Flat Washer, Heavy		
218	03030144	--	M5 Toothed Lock Washer		
219	03030130	--	M5 Flat Washer, Heavy		
220	03030220	--	M5 Spring Washer		
221	03050835	--	Grounding Stud	Fits 1000Wi, 2000Wi, PH2100PRi, PH2700PRi, PH3100Ri, PH4000Ri/E	
222	04130125	69382	120V-30A L5-30 Receptacle	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
223	03030105	62681	M4 Flat Washer, Standard		
224	03060112	--	M4 Nut, Black		
225	03030115	--	M4 Spring Washer		
226	03030105	62681	M4 Flat Washer, Standard		
227	03030115	--	M4 Spring Washer		
228	03060112	--	M4 Nut, Black		
229	04130124	69381	120V - 20A Duplex 5-20R	Fits PH1000i, 2000Wi, PH2100PRi, PH2700PRi, PH3100Ri, PH4000Ri/E, PH6500Ri	
230	092101063	--	Load Controller Bracket	For PH4000Ri/E only	
231	03050201	69346	M5 X 16 Serrated Flange Bolt		
232	03050207	69790	M5 X 12 Flange Bolt		
N/S	09060232	65595	Spark Plug Socket	Fits PH3100Ri, PH4000Ri/E, PH6500Ri	
N/S	09080126	69730	Oil Drain Pipe, 3100 & 4000		
N/S	01250231	12238	30A ATC Style Fuse	Fits PH4000Ri/E, PH6500Ri	
N/S	092101053	61468	Decal Kit, PH4000Ri/E		
N/S	050101026	61338	Packaging, PH4000Ri/E		
N/S	090501077	--	Owner's Man, PH4000Ri/E		
N/S	090501078	--	QSG, PH4000Ri/E (Eng)		
N/S	090501079	--	QSG, PH4000Ri/E (Fre)		
N/S	090501080	--	QSG, PH4000Ri/E (Spa)		
N/S	09060220	69728	Screwdriver and Handle	Fits all models.	
N/S	09020238	69724	Oil Jug	Fits 2000Wi, PH2100PRi, PH2700PRi, PH3100Ri, PH4000Ri/E, PH6500Ri	
N/S	092101069	65588	Acc Kit, T-Style, PH4000Ri/E		
N/S	09060229	64234	Battery Charge Cables, T-Style	Fits all electric start models, with backcharging. Not Backward compatible.	