



## PumpEng Parts List--2009 "8kw Raptor Parts and Pumps"

### Standard 8kw Parts

ITEM #	DESCRIPTION	FLYGT OEM PART NO	PUMPENG PART NO
1	Impeller Nut	1922002	08120001
2	Mechanical Seal	5013806	08128002
11	Shim Impeller 0.3mm	2470000	08120011
11A	Shim Impeller 1.5mm	2470001	08120011A
12	Shim Diffuser 0.3mm	2504800	08120012
12A	Shim Diffuser 0.5mm	2504801	08120012A
13	Mechanical Seal	5013806	08128002
21	Cable Entry Unit 14-22mm	4076201	08190021
21	Cable Entry 14-30mm suit 8kw & 20kw	3947706	20190100
21A	Junction Box Flange	NA	08190021A
21B	Cable Flange Gasket	NA	08190021B
27	Sleeve Washer 14-16mm	824055	08120027
27A	Sleeve Washer 16-18mm	824057	08120027A
27B	Sleeve Washer 18-20mm	824059	08120027B
27C	Sleeve Washer 20-22mm	824060	08120027C
31	Seal Sleeve 14-16mm	843532	08102031
31A	Seal Sleeve 16-18mm	843533	08102031A
31B	Seal Sleeve 18-20mm	843534	08102031B
31C	Seal Sleeve 20-22mm	843535	08102031C
33	Junction Box	NA	08190033
33A	Junction Box Cover	NA	08190033A
33B	O-Ring Junction Box	NA	08190033B
34	Outer Casing--Stainless Steel	2750100	08630034
35	Stator Casing	2750201	08630035
36	Bearing Housing Lower	2750300	08190036
41	Oil Housing	4938301	08191041
43	Suction Cover HT	2776101	08291043
44	Bearing Housing Upper	320500	08190044
45	Bearing Cover	2751200	08190045
56	Impeller Lower HT-Std	3832204	08710056
56A	Impeller Lower c/w Bush (note 1)	3832204	08710056A
56B	Impeller Lower Neck Bush	NA	08710056B
57	Impeller Upper HT	3832104	08710057
62A	Complete Rotor Assembly - Suit Shaft Sleeve	2752604	08100062A
62B	Shaft Sleeve - suit Modified Rotor Shaft	NA	08100062B
62C	O-Ring - suit Shaft Sleeve	NA	08100062C
62D	Shaft Sleeve - Circlip	NA	08120062D
62E	Replaceable Rotor Shaft only-suit shaft sleeve	NA	08120062E
63	Lead Through	4414600	08102063
65	Standard Strainer	3452000	08100065
65A	Bottom Suction Strainer	NA	08100065A
65C	Bottom Suction extension Stud	NA	08100065C
71	Diffuser Disc	2776302	08201071
72	Screw Inspection	2819800	08130072
74	Stator 415V	6239407	08200074
74A	Stator 1000V	6239409	08200074A
76	Diffuser	2885901	08291076
76A	Diffuser Shimless (Note 2)	2885901	08291076A
76B	Diffuser Adjusting Screw	NA	08190076B
82	Impeller Key	807058	08130082
84	Stud-Old style 3/8 inch	810189	08120084
84A	Stud-New Style 1/2 inch	810214	20120005
85	Stud	810214	08120085
86A	Stud	2753900	08120086A
86B	Stud	2753901	08120086B
87	Screw	815152	08120087
88	Screw	817359	08120088
89	Screw	815217	08120089
90	Screw	821026	08120090

**Note 1: Patent No 2003100499**

**Note 2: Patent No 2003100498**

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91	Screw	815196	08120091
93	Screw	Inc in item 63	08120093
95	Nut-Old style 3/8 inch	822452	08120095
95A	Nut-New style 1/2 inch	822453	20120021
96	Nut	822453	08120096
97	Washer-Old style 3/8 inch	825317	08120097
97A	Washer-New style 1/2 inch	823521	20120026
98	Washer	Inc in item 63	08120098
101	Washer	823521	08120101
102	Washer Spring	824859	08120102
103	Circlip	825903	08120103
104	O-Ring	827390	08100104
105	O-Ring	827795	08100105
107	O-Ring	827490	08100107
111	O-Ring	827492	08100111
112	O-Ring	827495	08100112
113	O-Ring	827499	08100113
114	O-Ring	827504	08100114
115	O-Ring	827493	08100115
117	Washer Bearing Support	824413	08100117
122	Bearing Upper	833245	08100122
123	Bearing Lower	833760	08100123
126	Earthing Plate	2792900	08100126
131	Handle	4076100	08100131
141	Screw	NA	08120141
142	Washer	NA	08120142

### Kits

Kits	O-Ring Kit	803254	08OK
	Rotor Shaft Sleeve Kit	NA	08SK
	Bottom Suction Strainer kit	NA	08BSK
	Complete Lid Kit (nil cable entry & handle)	5588300	08190033LK
	Repair kit	6019004	08RK
	8kw Rotor Stator pack 1000v	NA	08RSP1
	8kw Rotor Stator pack 415v	NA	08RSP2

### Special Materials

35	Stator Casing 316SS	NA	08630035SS
36	Bearing Housing Lower 316SS	NA	08190036SS
57	8kw Upper Impeller CD4MCU	NA	08770057
56A	8kw Lower Impeller CD4MCU	NA	08770056A

### New Raptor 8kw Pumps

	Raptor, 8kw High Head, 415V Pump		PE0812291
	Raptor, 8kw High Head, 1000V Pump		PE0812391

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