

**URANIUM CORPORATION OF INDIA LIMITED**  
**JADUGUDA MINES**

Annexure-1  
Page 1 of 1

Ref : Tender No.: PUR/3/RC/Spares for Deutz engine/1192  
Item : Rate Contract for Spares for Deutz Engine

**M A T E R I A L   D E T A I L S**

Sl.No	<u>Name of the item</u>	No. of items
1	Annual Rate Contract for Spares for Deutz Engine. Detail list of items as per annexure-1(A) enclosed. Make: Deutz	957 items

URANIUM CORPORATION OF INDIA LIMITED		
PUR/3/RC/Spares for Deutz Engine/		Annexure 1 (A)
Dtd		
Spare for Deutz Engine Model No.F4 L 912W, Sl. No.8555934		
Sl. No.	Description	Part No.
1	Bearing Bush	0415 6548
2	Bearing Liner	0423 1467
3	Bearing Liner	0423 1468
4	Bearing Liner	0423 1469
5	Main Bearing	0336 2382
6	Thrust Washer	0423 6913
7	Thrust Washer	0423 6912
8	Nozzle	0423 1109
9	Cover	0123 6291
10	Gasket	0415 7236
11	Cylinder	0423 1513 / <b>0423 8724</b>
12	Shim (0.2mm)	0213 7256
13	Shim (0.3mm)	0415 3358
14	Shim (0.5mm)	0423 1432
15	Shim(0.8mm)	0423 1433
16	Shim(1.0mm)	0423 1434
17	Toothed Gear	0423 8295
18	Straight Pin	0111 5475
19	Gear Rim	0490 5390 / <b>0490 5430</b>
20	Big End Bush	0337 1612
21	Big End Bearing (Std)	0423 1057
22	Big End Bearing	0423 1058
23	Big End Bearing	0423 1059
24	Hexagon Bolt	0415 7075
25	Piston	0423 2448
26	Piston Ring Set	0423 2466
27	Valve Mechan.Cover	0423 8132
28	<b>Gasket</b>	0423 2124 / <b>0423 7556</b>
29	Valve Collet	0210 8102 / <b>0419 3520</b>
30	Valve Guide	0423 5374
31	Inlet Valve Seat	0213 7302
32	Exhaust Valve Seat	0213 7306
33	Inlet Valve	0415 9136
34	Exhaust Valve	0415 9137
35	Hexagon Bolt	0210 1681
36	Hexagon Nut	0210 9637
37	Protecting Tube	0337 1888 / <b>0423 6101</b>
38	Push Rod	0415 2877
39	Adjusting Screw	0336 5861
40	L. O. Pump	0423 4145
41	Oil Filter	0118 2001
42	Fuel Supply Pump	0423 8003
43	Nozzle	0293 4378 / <b>0423 2436</b>
44	Sealing Washer	0337 2153
45	Fuel Filter	0118 1917
46	Stud	0113 1092 / <b>0114 9188</b>
47	Gasket	0423 3975
48	Hexagon Nut	0111 2824 / <b>0114 8417</b>
49	Plain Washer	0114 8124 / <b>0114 4444</b>
50	Glow Plug	0118 2096
51	Impeller	0415 4640
52	Ball Bearing	0113 6653
53	Narrow V-Belt	0223 5531
54	Complete Gasket Kit	0293 1441
55	Gasket Set	0293 1476
56	Gasket	0423 3529
57	Stud	0114 4525
58	Hexagon Nut	0331 6466
Spare for Deutz Engine Model No.F 5L 912W Sl. No. 8665797, 8672587, 8688912		
59	Bearing Bush	0415 6548
60	Bearing Liner	0423 1467

61	Bearing Liner	0423 1468
62	Bearing Liner	0423 1469
63	Main Bearing	0336 2382
64	Stop Ring	0223 0170
65	Thrust Washer	0423 6912
66	Nozzle	0423 1109
67	Cover	0123 6291
68	Gasket	0224 0933
69	Cylinder	0423 1513 / <b>0423 8724</b>
70	Shim (0.2mm)	0213 7256
71	Shim (0.3mm)	0415 3358
72	Shim (0.5mm)	0423 1432
73	Shim(0.8mm)	0423 1433
74	Shim(1.0mm)	0423 1434
75	Toothed Gear	0223 7255
76	Notched Pin	0113 7239
77	Gear Rim	0490 5390 / <b>0490 5430</b>
78	Big End Bush	0337 1612
79	Big End Bearing (Std)	0423 1057
80	Big End Bearing	0423 1058
81	Big End Bearing	0423 1059
82	Hexagon Bolt	0423 4117
83	Piston	0423 2448
84	Piston Ring Set	0423 2466
85	Valve Mechan.Cover	0423 5421 / <b>0423 8132</b>
86	Gasket	0423 2124 / <b>0423 7556</b>
87	Valve Collet	0210 8102 / <b>0419 3520</b>
88	Valve Guide	0423 5374
89	Inlet Valve Seat	0213 7302
90	Exhaust Valve Seat	0213 7306
91	Inlet Valve	0415 9136
92	Exhaust Valve	0415 9137
93	Hexagon Bolt	0210 1681
94	Hexagon Nut	0210 9637
95	Protecting Tube	0337 1888 / <b>0423 6101</b>
96	Push Rod	0415 2877
97	Adjusting Screw	0336 5861
98	Lubricat. Oil Pump	0423 4146
99	Spin-On Oil Filter	0118 3574
100	Fuel Supply Pump	0423 8003
101	Nozzle	0293 4378 / <b>0423 2436</b>
102	Sealing Washer	0337 2153
103	Spin-On Fuel Filter	0118 1917
104	Stud	0114 4525
105	Gasket	0423 3975
106	Plain Washer	0114 8124 / <b>0114 4444</b>
107	Hexagon Nut	0111 2824 / <b>0114 8417</b>
108	Hose Clip	0116 6417
109	Rubber Sleeve	0117 0858
110	Glow Plug	0118 2096
111	Impeller	0423 8363
112	Ball Bearing	0110 9048
113	Set Narrow V-Belts	0117 9749
114	Ball Bearing	0113 9002
115	Gasket Set	0292 9651
116	Gasket Set	0293 1476
117	Hexagon Nut	0331 6466
118	Gasket	0423 3529
119	Stud	0114 4525
<b>Spare for Deutz Engine Model No.F 6L 912W</b>		
120	Complete Gasket Set	0293 1405
121	Gasket Set	0293 1476
122	Bearing Bush	0415 6548

123	Bearing Liner	0423 1467
124	Bearing Liner	0423 1468
125	Bearing Liner	0423 1469
126	Main Bearing	0336 2382
127	Thrust Washer	0423 6913
128	Thrust Washer	0423 6912
129	Nozzle	0423 1109
130	Cover	0123 6291
131	V-Grooved Pulley	0223 7959
132	Gasket	0415 7240
133	Cylinder	0423 1497 / <b>0423 8667</b>
134	Shim (0.2mm)	0213 7256
135	SHIM (0.3 Mm)	0415 3358
136	SHIM (0.5 Mm)	0423 1432
137	SHIM (0.8 Mm)	0423 1433
138	SHIM (1.0 Mm)	0423 1434
139	Straight Pin	0111 5475
140	Gear Rim	0490 5390 / <b>0490 5430</b>
141	Big End Bush	0337 1612
142	Big End Bearing (Std)	0423 1057
143	Big End Bearing	0423 1058
144	Big End Bearing	0423 1059
145	Big End Bearing	0423 1898
146	Hexagon Bolt	0415 7075
147	Piston	0223 3072
148	Piston Ring Set	0223 3074
149	Valve Mechan.Cover	0423 8132
150	Gasket	0423 7636 / <b>0423 7556</b>
151	Valve Collet	0210 8102 / <b>0419 3520</b>
152	Valve Guide	0223 2528
153	Inlet Valve Seat	0213 7302
154	Exhaust Valve Seat	0213 7306
155	Inlet Valve	0415 9136
156	Exhaust Valve	0415 9137
157	Hexagon Bolt	0210 1681
158	Hexagon Nut	0210 9637
159	Protecting Tube	0337 1888 / <b>0423 6101</b>
160	Push Rod	0415 2877
161	Adjusting Screw	0336 5861
162	Lubricat. Oil Pump	0423 4146
163	Lub Oil Filter	0118 3574
164	Lubric. Oil Cooler	0423 7836
165	SHIM (1.5 Mm)	0415 7468
166	SHIM (1.6 Mm)	0415 7470
167	Fuel Supply Pump	0423 8003
168	Nozzle	0293 4378 / <b>0423 2436</b>
169	Sealing Washer	0337 2153
170	Spin-On Fuel Filter	0118 1917
171	Hose Clip	0114 8605
172	Rubber Sleeve	0117 0858
173	Glow Plug	0118 2095
174	Solenoid	0118 1665 / <b>0118 3255</b> / <b>0423 8221</b>
175	Shim (1.7 Mm)	0415 7472
176	Impeller	0223 5067
177	Ball Bearing	0110 9048
178	Set Narrow V-Belts	0223 5532
179	Ball Bearing	0113 9002
180	<b>Rubber Gromet</b>	<b>0336 1809</b>
181	<b>Shutdown Device</b>	<b>0500 3801</b>
182	<b>Connecting Plate</b>	<b>0216 3879</b>
183	<b>Rod</b>	<b>0224 9279</b>
184	<b>Compression Spring</b>	<b>0216 3882</b>

185	Bush	0336 9621
186	Stop Plate	0423 7695
187	Sleeve	0216 6235
188	Hexagon Bolt	0114 8207
189	Hexagon Bolt	0114 8222
190	Hexagon Nut	0114 8417
191	Lock Washer	0114 9224
192	Hexagon Nut	0110 4944 / 0114 9250
193	Retaining Washer	0111 7929
194	Hexagon Bolt	0118 3781
195	Lock Washer	0114 9223
196	Plain Washer	0114 4444
197	Shutdown Lever	0216 3984
198	Ball Knob	0116 2448
199	Clevis Pin	0216 4067
200	Bracket	0415 7002
201	Hexagon Nut	0114 9209
202	Plain Washer	0110 0983
203	Hexagon Bolt	0111 1071
204	Bush	0216 3877
205	Lock Washer	0114 9223
206	Threaded Rod	0216 0921
207	Ball Joint	0117 5511
208	Hexagon Nut	0114 9209
209	Straight Pin	0111 5397
210	Straight Pin	0112 2671
211	Yoke Spring	0224 5952
212	Retaining Plate	0224 5953
213	Bush	0121 6151
214	Hexagon Bolt	0114 8236
215	Plain Washer	0114 4444
216	Lock Washer	0114 9224
217	Hexagon Nut	0114 8417

**Spare for Deutz Engine Model No.F4L2011, Sl. No.01026335/01012513**

218	Oil Seal, Rear	0410 2866 / <b>0412 8170</b>
219	Bearing Bush	0417 8155
220	Bearing Bush	0417 8154
221	Packing Compound	0134 0197 / <b>0134 0786</b>
222	Main Bearing (Std)	0427 0238
223	Main Bearing (1 <sup>st</sup> U/S)	0427 0242
224	Main Bearing (2 <sup>nd</sup> U/S)	0427 0247
225	Thrust Washer (Std)	0292 8961
226	Gear Rim	0427 2421 / <b>0427 2545</b>
227	Big End Bolt	0428 0016
228	Big End Bush	0417 0393
229	Big End Bearing (Std)	0427 0255
230	Big End Bearing (1 <sup>st</sup> U/S)	0427 0259
231	Big End Bearing (2 <sup>nd</sup> U/S)	0427 0263
232	Piston	0428 6721
233	Set of Piston Rings	0428 0566
234	Cylinder Head Gasket (1 Notch)	0428 7425
235	Cylinder Head Gasket (2 Notch)	0428 7426 / <b>0428 7427</b>
236	Cylinder Head Gasket (3 Notch)	0428 7426 / <b>0430 0153</b>
237	Valve Collet	0210 8102 / <b>0419 3520</b>
238	Valve Stem Seal	0415 3728
239	Exhaust Valve Seat	0428 1570/ <b>04287670</b>
240	Inlet Valve Seat	0428 1572/ <b>04287672</b>
241	Exhaust Valve	0428 0049
242	Inlet Valve	0428 0404
243	Repair Kit	0293 1480
244	Hexagon Nut	0210 9637
245	Adjusting Screw	0210 9636

246	Lub Oil Pump	0410 2478 / <b>0430 0504</b>
247	Spin-On Oil Filter	0117 4416
248	Oil Cooler	0410 2800
249	Plug	0417 9404
250	Fuel Inject. Pump (A Class)	0134 0411
251	Fuel Inject. Pump (B Class)	0134 0412
252	Fuel Inject. Pump (C Class)	0134 0413
253	Fuel Inject. Pump (D Class)	0134 0414
254	Nozzle Element	0428 1859
255	Solenoid	0410 2401
256	Spin-On Fuel Filter	0117 4482
257	Fuel Filter	0117 4482
258	Fuel Supply Pump	0410 3661
259	Hose Clip	0118 0014 / <b>0118 1571</b>
260	Rubber Hose	0118 2348 / <b>0118 3996</b>
261	Hose	0140 4949 / <b>0140 4985</b>
262	High Pressure Pipe	0428 6167
263	Connecting Piece	0118 2135
264	Stud	0114 4525
265	Gasket	0423 3975
266	Reducer	0427 1258
267	Rot.Shaft Lip Seal	0417 5435
268	Rot.Shaft Lip Seal	0417 5434 / <b>0416 4553</b>
269	Control Rod	0428 6240
270	Locating Pin	0417 6057
271	Compression Spring	0417 0886
272	Impeller	0427 0940
273	Plain Washer	0417 6261
274	V-Belt (Alternator)	0117 9564 / <b>0118 0846</b>
275	Gasket	0423 3529
276	Stud	0114 4525
277	TURBO CHARGER	0428 1437 / <b>0428 4498</b>
278	Alternator	0118 2438 / <b>0118 3856</b>
279	Voltage Regulator	0118 0752
280	Hexagon Nut	0113 1115 / <b>0114 9392</b>
281	Hollow Screw	0118 0754 / <b>0114 0020</b>
282	Mounting Foot	0428 6859
283	Mounting Foot	0428 6860
284	Mounting Foot	0428 6859
285	Rubber Ring	0224 9777
286	Hexagon Bolt	0114 3953
287	Cover	0224 8658
288	Relay / <b>GL.TIME CONTR.UNIT</b>	0427 1689 / <b>0421 9375</b>
289	Hose	0140 4950
290	Rubber Hose	0118 2618 / <b>0118 3995</b>
291	Hose	0140 4967
292	Oil Pressure Switch	0118 2479
293	Temperature Transmitter	0118 2707
294	Shutdown Device	0410 3822 / <b>0410 3829</b>
295	Gasket Set	0293 1435

**Spare for Deutz Engine Model No.F8L413FW Sl. No. 9187645**

296	Main Bearing (STD)	0418 0681
297	Big End Bearing (STD)	0414 9429
298	Comp. Overhaul Kit	0292 8985
299	Thrust Washer (STD)	0242 2297
300	Tappet Cover Gasket	0414 7308 / <b>0424 1047</b>
301	Gasket Top Overhaul	0292 8988
302	Supply Pump	0118 0583 / <b>0424 1089</b>
303	Hose	0248 8979 / <b>0214 9738</b>
304	O Seal	0116 9585
305	Gasket, Oil Pump	0418 9446
306	O Seal	0116 4294
307	O Seal	0116 1249

308	Cooler Frame	0414 5263
309	Rail/Bar	0414 5953
310	Cam Bush	0219 2071
311	Cam Bush	0219 2072
312	Rot.Shaft Lip Seal	0242 1820
313	Valve	0336 1348
314	Main Bearing (1 <sup>st</sup> U/S)	0418 0682
315	Main Bearing (2 <sup>nd</sup> U/S)	0418 0683
316	Main Bearing (3 <sup>rd</sup> U/S)	0418 0684
317	Rot.Shaft Lip Seal	0242 1819
318	Cover	0121 1729
319	Gasket, Oil Sump	0418 9446
320	Cylinder	0418 5295 / <b>0424 1072</b>
321	Spacer Ring (0.5 mm)	0418 3249
322	Spacer Ring (0.7 mm)	0418 3250
323	Spacer Ring (1.0 mm)	0418 3251
324	Gear Rim	0224 7910
325	Big End Bush	0414 7051
326	Big End Bearing (1 <sup>st</sup> U/S)	0242 1586
327	Big End Bearing (2 <sup>nd</sup> U/S)	0242 1587
328	Big End Bearing (3 <sup>rd</sup> U/S)	0242 1588
329	Big End Bolt	0414 3232
330	Piston Assembly	0214 7500
331	Set of Piston Rings	0424 0457
332	Inlet Valve	0424 0777
333	Inlet Valve Seat	0242 7782
334	Exhaust Valve	0424 0922
335	Exhaust Valve Seat	0242 7941
336	Cylinder Head Bolt	0418 7134
337	Valve Collet	0117 8755
338	Exhaust Valve Guide	0414 9849
339	Inlet Valve Guide	0414 9844
340	Push Rod	0240 3955 / <b>0424 1032</b>
341	Adjusting Screw	0240 3900
342	Hexagon Nut	0240 7604
343	Protecting Tube	0241 8534
344	Oil Pressure Pump	0414 3642
345	Lub Oil Filter	0118 3574
346	Plain Washer	0414 9602
347	Nozzle	0293 4315 / <b>0336 9521</b>
348	Sealing Washer	0337 2153
349	Hose	0248 8979 / <b>0214 9738</b>
350	Tension Spring	0330 3437
351	Clutch/Coupling	0241 8445
352	Ball Bearing	0114 8727
353	Impeller	0414 4732
354	Slotted Round Nut	0113 2990
355	Rot.Shaft Lip Seal	0414 8451
356	Ball Bearing	0112 2281
357	Rubber Stop	0337 0133
358	Gasket	0241 7871
359	Gasket	0418 4903
360	Shoulder Nut	0418 5354
361	Gasket	0418 2569
362	Dipstick	0117 5983
363	Sealing Ring	0336 5039
364	Hose Clip	0117 3970
365	Profile Washer	0414 1486
366	Hexagon Nut	0114 8417
367	Lock Washer	0110 2799 / <b>0114 9224</b>
368	Plain Washer	0114 8124 / <b>0114 4444</b>
369	Piston Pin	0219 5757

370	Piston Cooling Nozzle	0418 6549
371	Tappet Bridge	0242 4134 / <b>0424 0848</b>
372	Centering Sleeve	0336 1749
373	Oil Cooler	0418 9720
374	O-Seal	0117 6598
375	O-Seal	0214 8385
376	Rocker Arm	0418 7201
377	Hexagon Nut	0112 7085 / <b>0114 9234</b>
378	Gasket	0418 4091 / <b>0424 1000</b>
379	O-Seal	0117 6597
380	Sealing Section	0418 3184
381	Valve Mechan. Cas.	0241 8660
382	Stud	0214 3324 / <b>0428 5656</b>
383	Shim (2.75 mm)	0418 9230
384	Shim (2.60 mm)	0418 9229
385	Shim (2.45 mm)	0418 9228
386	Shim (2.30 mm)	0418 9227
387	Shim (2.90 mm)	0418 9231
388	Shim (3.05 mm)	0418 9232
389	<b>Cylinder Head</b>	<b>0424 0464</b>
390	<b>O Seal</b>	<b>0118 1248</b>
391	<b>Rubber Stop</b>	<b>0148-15-103 / 0214 0511</b>

**Spare for Deutz Engine Model No.F12L413FW Sl. No.9190216**

392	Valve Collet	0117 8755
393	Main Bearing (Std)	0418 0681
394	Big End Bearing (Std)	0414 9429
395	Gasket Set	0292 8816
396	Thrust Washer (STD)	0242 2297
397	Supply Pump	0118 0583 / <b>0424 1089</b>
398	<b>Temperature Gauge</b>	<b>0117 4556</b>
399	Spin-On Fuel Filter	0117 4422
400	Rot.Shaft Lip Seal	0418 5951
401	Rot.Shaft Lip Seal	0414 8959
402	Exhaust Elbow	0424 0678
403	Cam Bush	0219 2071
404	Cam Bush	0219 2072
405	Rot.Shaft Lip Seal	0242 1820
406	Valve	0336 1348
407	Oil Pipe	0418 9357
408	Main Bearing (1 <sup>st</sup> U/S)	0418 0682
409	Main Bearing (2 <sup>nd</sup> U/S)	0418 0683
410	Main Bearing (3 <sup>rd</sup> U/S)	0418 0684
411	Rot.Shaft Lip Seal	0242 1819
412	Cover	0121 1794
413	Oil Pan Gasket	0418 8812
414	Cylinder	0418 5295 / <b>0424 1072</b>
415	Spacer Ring (0.5 mm)	0418 3249
416	Spacer Ring (0.7 mm)	0418 3250
417	Spacer Ring (1.0 mm)	0418 3251
418	Gear Rim	0224 7911
419	Big End Bush	0414 7051
420	Big End Bearing (1 <sup>st</sup> U/S)	0242 1586
421	Big End Bearing (2 <sup>nd</sup> U/S)	0242 1587
422	Big End Bearing (3 <sup>rd</sup> U/S)	0242 1588
423	Big End Bolt	0414 3232
424	Piston Assembly	0214 7500
425	Set of Piston Rings	0424 0457
426	Inlet Valve	0424 0777
427	Inlet Valve Seat	0242 7782
428	Exhaust Valve	0424 0712 / <b>0424 0922</b>
429	Exhaust Valve Seat	0242 7941
430	Cylinder Head Bolt	0418 7134



431	Exhaust Valve Guide	0414 9849
432	Inlet Valve Guide	0414 9844
433	SHIM (2.60 Mm)	0418 9229
434	SHIM (2.45 Mm)	0418 9228
435	SHIM (2.30 Mm)	0418 9227
436	Shim (3.05 Mm)	0418 9232
437	Push Rod	0240 3955 / <b>0424 1032</b>
438	Adjusting Screw	0240 3900
439	Hexagon Nut	0240 7604
440	Protecting Tube	0241 8534
441	Oil Pressure Pump	0414 3770
442	Spin-On Oil Filter	0118 3574
443	Gasket	0241 7871
444	O-Seal	0116 9585
445	Connecting Piece	0418 9821
446	Connecting Piece	0241 6592
447	Plain Washer	0414 9602
448	Nozzle	0293 4315 / <b>0336 9521</b>
449	Sealing Washer	0337 2153
450	Hose	0248 8979 / <b>0214 9738</b>
451	Tension Spring	0330 3437
452	O-Seal	0116 1249
453	O-Seal	0116 4294
454	Clutch/Coupling	0241 8445
455	Ball Bearing	0114 8727
456	Impeller	0414 3474
457	Slotted Round Nut	0113 2990
458	Rot.Shaft Lip Seal	0414 8451
459	Ball Bearing	0117 9694
460	Cylinder Roller Bearing	0418 3842
461	Rubber Stop	0337 0133
462	Spring Washer	0213 1436
463	Piston Pin	0219 5757
464	Seal Retainer	0336 0675
465	Compression Ring	0112 5366
466	Gasket	0418 4903
467	Shoulder Nut	0418 5354
468	Piston Cooling Nozzle	0418 6549
469	Tappet Bridge	0242 4134 / <b>0424 0848</b>
470	Centering Sleeve	0336 1749
471	Gasket	0418 2569
472	Dipstick	0242 0374
473	O-Seal	0116 5973
474	O-Seal	0117 6597
475	Sealing Section	0418 3184
476	Return Pipe	0241 7423
477	Tappet Cover Gasket	0414 7308 / <b>0424 1047</b>
478	Gasket	0418 4091 / <b>0424 1000</b>
479	Stud	0214 3324 / <b>0428 5656</b>
480	Valve Mechan. Cas.	0241 8660
481	Shim (2.75 mm)	0418 9230
482	Shim (2.90 mm)	0418 9231
483	Valve Tappet	0414 9230
484	O-Seal	0117 6598
485	O-Seal	0214 8385
486	Hexagon Nut	0112 7085 / <b>0114 9234</b>
487	Rocker Arm	0418 7201
488	Hose Clip	0117 3939
489	Lockwasher	0241 9108
490	Oil Cooler	0414 9147
491	Hose Clip	0117 3970
492	Profile Washer	0414 1486
493	Glow Plug	0117 1687

494	Bellows	0224 9246
495	Rot.Shaft Lip Seal	0418 5951
<b>THERMOSENSORS</b>		
496	Temperature Switch	0117 4555
497	Temperature Transmitter	0117 7090
498	Thermo Sensor	0118 3085
<b>DELCO REMY STARTER MOTOR</b>		
499	Self Starter 400	1993924
500	Self Starter Series 50 MT Type 400 24 V CW	
501	Self Starter Series 50 MT Type 400 24 V CW	
<b>SPARES FOR DELCO REMY</b>		
502	Armature	
503	Field Coil	
504	Drive Assy.	
505	Solenoid	
506	Brush	
507	Brush Plate	
<b>RATE FOR SPARE PARTS OF DELCO REMY MAKE ALTERNATOR (1117821)</b>		
508	Alternator	1117821
509	Regulator	1116405
510	Stator	10474776
511	Housing	1876762
512	Rectifier Bridge	1875645
513	Bearing	9439571
514	Bushing	1892765
<b>RATE FOR SPARE PARTS OF SELF STARTER 0 001 231 005</b>		
515	Over Running Clutch Drive	6 033 AD3 108/ <b>6 033 AD3 244</b>
516	Solenoid Switch	2 339 402 168 / <b>2 339 402 133</b>
517	Brush Holder	6 033 AD4 026 / <b>6 033 AD4 194</b>
518	Parts Set	9 003 337 010
519	Epicycloidal Gear Train	9 001 336 244
520	Armature	9 003 334 039 / <b>6 033 AD4 080</b>
521	Bushing	2 000 310 002/1 <b>000 301 093</b>
522	Drive End Shield	6 033 AD0 448
523	Bushing	2 000 301 000
524	Stator Frame	6 033 AD0 128 / <b>6 033 AD4 107</b>
525	Sintered Metal Bushing	9 003 330 317
<b>RATE FOR SPARE PARTS OF SELF STARTER (0118 2126)</b>		
526	Over Running Clutch Drive	1340081
527	Solenoid Switch	1340080
528	Armature	6 033 AD4 080/ <b>9 003 334 039</b>
529	Epicycloidal Gear Train	9 001 336 244
530	Stator Frame Brush Holder	6 033 AD0 151/ <b>6 033 AD4 108</b>
531	Parts Set	9 003 337 010
<b>RATE FOR SPARE PARTS OF SELF STARTER 0 001 368 001</b>		
532	Intermediate Bearing	2 005 824 881
533	Overrunning Clutch Drive	2 006 209 530
534	Excitation Winding	2 004 114 065 / <b>2 004 114 135</b>
535	Brush Holder	2 004 336 031
536	Carbon - Brush set Carbon Brush	2 007 014 063
537	Parts Set armature	2 007 010 032
538	Solenoid Switch	0 331 402 015
<b>RATE FOR SPARE PARTS OF SELF STARTER 0 001 416 031</b>		
539	Excitation Winding	2 004 125 078
540	Needle Bushing	2 000 910 002
541	Multiple Clutch	2 006 401 527
542	Pinion	2 006 382 018
543	Control Relay	0 331 101 005 / <b>2 339 101 051</b>
544	Solenoid Switch	0 331 450 002 / <b>2 339 450 021</b>
545	Carbon - Brush Set FD562	2 007 014 070
546	Needle Roller Bearing	2 000 910 005
547	Radial Seal	2 000 212 000
548	Parts set Clamp 30, 31	2 007 011 069

549	Parts set Clamp, 50	2 007 011 070
550	Armature	2 004 005 022 / <b>2 004 005 073</b>
551	<b>Bush</b>	<b>2 000 301 015</b>
552	<b>Bush</b>	<b>2 000 301 016</b>

**RATE FOR SPARE PARTS OF SELF STARTER 0 001510 017**

553	Excitation Winding	2 004 116 099
554	Multiplate Clutch	2 000 780 133
555	Deep-Groove Ball Bearing	2 000 900 001
556	Outer Ring	2 000 914 012
557	Radial Lip type Oil Seal	2 000 283 015
558	Pinion	2 006 382 062 / <b>2 006 382 201</b>
559	Control Relay	0 331 100 023
560	Parts set holding Bracket	2 337 010 013
561	Parts set Magnetic Cone	2 337 010 005
562	Parts set Release Lever	2 337 010 003
563	Engagement Solenoid	0 331 451 002
564	Carbon Brush Set	2 007 014 017
565	Parts set Clamp	2 007 011 009
566	Parts set Clamp	2 007 011 063
567	Needle Roller Bearing	2 000 910 004
568	Armature	2 004 006 101

**RATE FOR SPARE PARTS OF ALTERNATOR 0 120488 283**

569	Deep-Groove Ball Bearing	1 120 905 533
570	Rotor	1 124 034 677
571	Deep-Groove Ball Bearing	1 120 905 102
572	Rectifier	1 127 319 104
573	Stator	1 125 045 090
574	Suppression Capacitor	0 290 800 036
575	Parts Set Rotor	1 127 011 020
576	Parts Set Clamp	1 127 011 146
577	Regulator	1 197 311 313

**RATE FOR SPARE PARTS OF ALTERNATOR 0 120469 102**

578	Deep-Groove Ball Bearing	1 120 905 533
579	Rotor	1 124 035 260
580	Deep-Groove Ball Bearing	1 120 905 102
581	Rectifier	1 127 320 750
582	Regulator	1 197 311 323
583	Stator	1 125 045 107/0130 8859
584	Suppression Capacitor	0 290 800 036
585	Parts Set Rotor	1 127 011 020
586	Parts Set Clamp	1 127 011 144
587	Regulator	1 197 311 323

**588**

588	Voltage Regulator	1 197 311 304
589	Rectifier	1 127 320 976
590	Drive End Shield	1 125 825 043
591	Bearing	1 120 905 533
592	Cover Plate	1 121 038 018
593	Rotor	1 124 035 177
594	Bearing	1 120 905 105
595	Collector-Ring End Shield	1125 885 143
596	Stator	1 125 045 107
597	Screw	1 123 429 204
598	Capacitor	0 290 800 052
599	Fitting ring	1 120 591 060

**RATE FOR SPARE PARTS OF SELF STARTER 0 001369 014**

600	Intermediate Bearing	2 005 824 881
601	Bushing	2 000 301 041
602	Overrunning-Clutch Drive	2 006 209 476 / <b>2 007 010 165</b>
603	Sintered-Metal Bushing	2 000 301 006
604	Sintered-Metal Bushing	2 000 301 019
605	Brush Holder	2 004 336 067
606	Sintered-Metal Bushing	2 000 301 043

607	Carbon-Brush Set	2 007 014 076
608	Parts Set armature	2 007 010 032
609	Fork Lever	2 001 933 149
610	Solenoid Switch	0 331 402 107 / <b>2 339 402 356</b>
611	Excitation Winding	2 004 114 092
612	Armature Armature	2 004 014 967 / <b>2 004 015 005</b>
<b>RATE FOR SPARE PARTS OF ALTERNATOR 01182438</b>		
613	Voltage Regulator	0118 0752
<b>Spare for Deutz Engine Model No.D914L04 Sl. No.08818395</b>		
614	Cooling Nozzle	0423 5315
615	Bearing Bush	0415 6548
616	Clamping Bush	0116 7266
617	Rot.Shaft Lip Seal	0423 2267
618	Gasket	0336 2337
619	Rot.Shaft Lip Seal	0423 2266
620	Straight Pin	0111 5459
621	O-Seal	0116 6111
622	Cover	0123 6291
623	Dipstick	0117 7364
624	Gasket	0415 7236
625	Cylinder	0423 1513 / <b>0423 8724</b>
626	Shim (0.5mm)	0423 1432
627	Shim(0.8mm)	0423 1433
628	Shim(1.0mm)	0423 1434
629	Toothed Gear	0423 8296
630	Dowel Crank Gear	0111 5475
631	Main Bearing (Std.)	0423 1079
632	Main Bearing (1 <sup>st</sup> U/S)	0423 1080
633	Main Bearing (2 <sup>nd</sup> U/S)	0423 1081
634	Conn. Bearing (STD)	0423 2679
635	Conn. Bearing 1 <sup>st</sup> U/S	0423 2680
636	Conn. Rod Bearing 2 <sup>nd</sup> U/S	0423 2681
637	Thrust Washer	0423 6916
638	Thrust Bearing	0423 6917
639	Gear Rim	0490 5390 / <b>0490 5430</b>
640	Conn. Bolt	0423 4117
641	Big End Bush	0337 1612
642	Piston	0423 6676
643	Piston Ring set	0423 1717
644	Compression Spring	0336 9305
645	Exhaust Valve Seat	0213 7306
646	Valve Collet	0210 8102 / <b>0419 3520</b>
647	Seat Inlet	0423 1325
648	Valve Inlet	0423 4952
649	Valve Guide	0423 5374
650	Exhaust Valve	0415 9137
651	Hexagon Bolt	0210 1681
652	Gasket Cover	0423 8230 / <b>0423 8557</b>
653	Head Cover	0423 5425/ <b>0423 8234</b>
654	Valve Tappet	0337 1885
655	Sealing Ring	0223 2840
656	Cap	0337 1887
657	Compression Spring	0337 1876
658	Push Tube Cover	0423 3808 / <b>0423 6102</b>
659	Push Rod	0415 2877
660	Rocker Arm	0415 2752
661	Adjusting Screw	0336 5861
662	Hexagon Nut	0210 9637
663	L.O. Pump	0423 4145
664	L O Filter	0118 2001
665	Lub Oil Cooler	0423 7833
666	Fuel Pump	0423 3878 / <b>0423 4170</b>

667	Hand Pump	0211 1897
668	Injector	0423 6686
669	Injector Washer	0417 5610
670	Fuel Filter	0118 1917
671	Fuel Line	0423 7258
672	Fuel Line	0423 7259
673	Hollow Screw	0118 3399 / <b>0118 3877</b>
674	Sealing Ring	<b>0118 8692</b>
675	Gasket	0423 3975
676	Stud	0114 4525
677	Hexagon Nut	0111 2824 / <b>0114 8417</b>
678	Plain Washer	0114 8124 / <b>0114 4444</b>
679	Rubber Sleeve	0423 5704
680	Hose Clip	0114 8605
681	Impeller	0415 4640
682	Bearing Blower	0113 6653
683	Narrow V-Belt	0223 5531
684	Gasket	0423 3529
685	Stud	0114 4525
686	Hexagon Nut	0331 6466
687	Narrow V-Belt	0117 9566
688	Starter	0118 3716
689	Alternator	0118 3626 / <b>0118 4359</b>
690	Voltage Regulator	0118 3215
691	Mounting Foot	0423 5589
692	Oil Pressur.Switch	0118 2486
693	Magnet/Solenoid	0423 4303
694	Flame Glow Plug	0117 9703 / <b>0118 4192</b>
695	Top overhaul Gasket Kit ( <b>GASKET SET</b> )	0293 7521 / <b>0293 7717</b>
696	Complete Gasket Kit ( <b>GASKET SET</b> )	0293 7524 / <b>0293 7713</b>
<b>(Model No.F6L912W &amp; F5L912W)</b>		
697	Self Starter	0 001 231 005 Replace to <b>0 001 263 008</b>
<b>(Model No.BF4L2011)</b>		
698	Self Starter	0118 2126 / <b>0430 0286</b>
<b>(Model No. F6L912W)</b>		
699	Self Starter	0 001 368 001 Replace to <b>0 001 231 028</b>
<b>(Model No. F8L413FW)</b>		
700	Self Starter	0 001 416 031
<b>(Model No. F12L413FW)</b>		
701	Self Starter	0 001 510 017
702	Self Starter	0 001 369 014 Replace to <b>0 001 230 014</b>
<b>(Model No. F6L912W)</b>		
703	ALTERNATOR	0 120 488 283
<b>(Model No. F5L912W)</b>		
704	ALTERNATOR	0 120 469 102
<b>(Model No. BF4L2011)</b>		
705	ALTERNATOR	0118 2438 / <b>0118 3856</b>
706	ALTERNATOR	0 120 469 643
707	ALTERNATOR	BPL3312 24V
<b>F8L13W/F6L912W/F12L413W/D914L04/BF4L2011</b>		
708	Gauge For Tightening Degrees / <b>Tools</b>	101910 / 0299 2068 / <b>0189 9151</b>
709	Spanner For Injector / <b>Key</b>	110010 / <b>0299 2082</b>
710	Puller For Coupling flange of injection Pump / <b>Extractor</b>	111420 / <b>0299 2129</b>
711	Socket Spanner for cylinder head bolts / <b>Socket Wrench</b>	120030 / <b>0189 9164</b>
712	Gauge for tightening Degrees / <b>Device</b>	645101900 / 0299 2067 / <b>0189 9093</b>
713	Double Hexagon Key / <b>Key</b>	110020 / <b>0299 2083</b>
714	Universal Piston Ring Plier / <b>Piston Ring Plier</b>	130300 / <b>0299 2155</b>
715	Piston Ring Compression Device / <b>Strap</b>	130570 / <b>0299 2174</b>
716	Gudgeon Pin Inserting Device / <b>Device</b>	131300 / <b>0299 2360</b>

717	Cirelip Plier / <b>Pilers</b>	131560 / <b>0299 2365</b>
718	Camshaft Pushout Device / <b>Device</b>	143650 / <b>0299 2243</b>
719	Oil Tube Pulling Device / <b>Puller</b>	150800 / <b>0299 2294</b>
720	Puller insert / <b>Insert/Element</b>	150830 / <b>0299 2295</b>
721	Dolly Of Blower Coupling / <b>Bracket</b>	160240 / <b>0299 2306</b>
722	Wrench For Blower Coupling / <b>Key</b>	160250 / <b>0299 2310</b>
723	Retainer / <b>Bracket</b>	160270 / <b>0299 2312</b>
724	Device To Unscrew Oil Filter / <b>Special Tools</b>	170050 / <b>0189 9142</b>
725	Puller / <b>Device</b>	170060 / <b>0299 2325</b>
726	Core Hole Wrench / <b>Key</b>	170070 / <b>0299 2326</b>
727	Long Socket For dismantling injection nozzles / <b>Socket Wrench</b>	8012 / 0189 9038 / <b>0189 9047</b>
728	Device for unscrewing Oil Filter / <b>Strap</b>	8119 / <b>0189 9066</b>
729	Extractor for Injector / <b>Puller</b>	110030 / <b>0299 2084</b>
730	All Purpose Timing Mech,Device / <b>Device</b>	110340 / <b>0299 2103</b>
731	Extra Sleeve / <b>Sleeve</b>	110410 / <b>0299 2108</b>
732	Cylinder Head Bolts Wrench / <b>Socket Wrench</b>	120040 / 0189 9163 / <b>0299 2468</b>
733	Compression Tester / <b>Testing Device</b>	8005 / <b>0189 9034</b>
734	Piston Ring Compression Device / <b>Strap</b>	130600 / <b>0299 2175</b>
<b>(Model No. F12L413FW)</b>		
735	RUBBER MOUNT	0148-40-161 / <b>0214 8942</b>
<b>(Model No. F8L413FW)</b>		
736	RUBBER MOUNTING / <b>Rubber Disc</b>	0148-46-031 / <b>0224 5771</b>
737	RUBBER MOUNTING / <b>Rubber Disc</b>	0148-46-030 / <b>0224 5771</b>
738	RUBBER MOUNTING / <b>Rubber Disc</b>	0148-46-014 / <b>0224 5771</b>
739	O-Seal	0148-17-006/ <b>0116 9577</b>
740	Fuel Supply Pump	0148-17-032/ <b>0117 8187</b>
741	Rubber Ring	0148-01-068/ <b>0418 9288</b>
742	STOP BUSH	0148-01-067/ <b>0418 9287</b>
743	O-seal	0148-01-250/ <b>0116 6002</b>
744	O-seal	0148-01-218/ <b>0116 1973</b>
745	O-seal	0148-01-202/ <b>0117 1541</b>
746	O-seal	1301420
747	THRUST BEARING (STD) / <b>Thrust Washer</b>	0148-01-086 / <b>0242 2297</b>
748	THRUST BEARING (1 <sup>st</sup> U/S) / <b>Thrust Washer</b>	0148-01-086/1 / <b>0242 2298</b>
749	THRUST BEARING (2 <sup>nd</sup> U/S) / <b>Thrust Washer</b>	0148-01-086/2 / <b>0242 2299</b>
750	Valve Collet	0117 8755
751	Valve Stem Seal	0242 3697
752	Comp. Overhauling Kit / <b>Gasket Set</b>	0292 8985
753	Tappet Cover Gasket	0414 7308 / <b>0424 1047</b>
754	Inlet Valve Guide	0414 9844
755	Exhaust Valve Guide	0414 9849
756	Spacer Ring (0.5 Mm)	0418 3249
757	Spacer Ring (0.7 Mm)	0418 3250
758	Spacer Ring (1.0 Mm)	0418 3251
759	Cylinder	0418 5295 / <b>0424 1072</b>
760	Shim For Cyl. Head (2.30 Mm)	0418 9227
761	Shim For Cyl. Head (2.45 Mm)	0418 9228
762	Shim For Cyl. Head (2.60 Mm)	0418 9229
763	Shim For Cyl. Head (3.05 Mm)	0418 9232
764	Supply Pump	0118 0583 / <b>0424 1089</b>
765	Dipstick	0117 5983
766	Valve	0336 1348
767	<b>Oil Tube / Oil Pipe</b>	<b>0418 7702</b>
768	Main Bearing (Std)	0418 0681
769	Thrust Washer (Std)	0242 2297
770	<b>Cover</b>	2403129
771	Cam Bush	0219 2071
772	Cam Bush	0219 2072
773	BIG END BUSH	0414 7051
774	<b>CENTER PIECE</b>	0241 6155
775	BIG END BEARING (STD)	0414 9429
776	BIG END BEARING(1st U/S)	0242 1586

777	Piston Pin	0219 5757
778	Set of Piston Rings	0424 0457
779	Tappet Cover Gasket	0414 7308 / <b>0424 1047</b>
780	<b>OIL SEAL</b>	01174733 / <b>0116 9577</b>
781	Inlet Valve	<b>0424 0777</b>
782	<b>VALVE EXHAUST</b>	04240712 / <b>0424 0922</b>
783	<b>CONNECTING PIECE</b>	0418 9821
784	OIL SEAL	0116 9585
785	GASKET	0241 7871
786	<b>HAND PUMP</b>	0117 6332 / <b>0294 1078</b>
787	BEARING BUSHING	0414 6009
788	BEARING BUSHING	0214 8976
789	LIP SEAL / Rot Shaft Lip Seal	0414 8959
790	NOZZLE	0336 9521
791	Ball Bearing	0112 2281
792	MANIFOLD	0214 5369
793	Gear Rim	0224 7910

**(Model No. F6L912W)**

794	RUBBER STOP	0337 0133
795	FEED PUMP ASSY.	98440030003 / <b>0423 8003</b>
796	STOP SOLENOID	0118 3255 / <b>0118 1665</b>
797	HEAD ASSY.	0423 2889
798	REBBER GROMMET	0116 7425
799	DAMPER PULLEY(3 GROOVE)	0415 8486
800	SHIM(1.5MM)	0415 7468
801	SHIM(1.7MM)	0415 7472
802	SHIM(1.6MM)	0415 7470
803	SNAP RING	0121 5500
804	SEALING RING	0121 6307
805	VALVE COLLET	0210 8102 / <b>0419 3520</b>
806	LOCATING PIN	0213 6101
807	STOP RING / <b>THRUST WASHER</b>	0223 0181 / <b>0423 6912</b>
808	MAIN BEARING	0336 2379 / <b>0423 1467</b>
809	Shim for Cylinder Liner (1.0 mm)	0423 1434
810	Piston	0223 3072
811	GUIDE / <b>VALVE GUIDE</b>	0423 1976 / <b>0423 5374</b>
812	VALVE GUIDE	0423 5374
813	Cyl.HEAD	0423 2889
814	WASHER	0337 1666
815	SCREW / <b>SCREW PLUG</b>	0415 9934 / <b>0114 9303</b>
816	GEAR RIM	0490 0286 / <b>0490 5430</b>
817	HEXAGONAL BOLT	0110 4935 / <b>0114 4635</b>
818	PISTON PIN	0337 1660
819	OIL PUMP / <b>LUBRICANT OIL PIPE</b>	0423 4146
820	HOSE ASSEY.	0117 9228 / <b>0429 3826</b>
821	FUEL PUMP	0423 2494
822	SEALING WASHER	0337 2153
823	GLOW PLUG	0117 0060 / <b>0118 2096</b>
824	IMPELLER	0223 3443 / <b>0423 8368</b>
825	SEALS, GASKET	0423 0198
826	GASKET	0415 7358
827	BEARING PUSH	0213 9737 / <b>0415 6548</b>
828	CYLINDER	0423 1508 / <b>0423 8724</b>
829	VALVE GUIDE	0423 1976 / <b>0423 5374</b>
830	VALVE MECHAN.COVER	0423 5421 / <b>0423 8132</b>

**(Model No. BF4L2011)**

831	DIPSTICK	0427 2802 / <b>0410 4051</b>
832	OIL COOLER	0410 2800
833	PLUG/ <b>COOLER TUBE</b>	0417 9404
834	TENSIONING PULLEY	0417 5031 / <b>0410 3377</b>
835	1ST OVERSIZE PISTON ASSY.	0428 6722
836	CABLE HARNESS	0427 2968
837	SOLENOID	0410 2401

838	FILLER CAP	0417 9138 / <b>0428 1390</b>
839	TIMING BELT / REPAIR KIT / <b>SYNCHRO. BELT DRIVE</b>	0293 1480
840	FUEL INJECTOR	0428 6251
841	CAP	0118 0542
842	SERVICE GAUGE	0423 5037
843	SEALING SECTION	0417 6380
844	BLOWER JACKET	0427 0055 / <b>0410 2439/0430 0600</b>
845	TURBO CHARGER	0428 1437 / <b>0428 4498</b>
846	GENERATOR	0118 0662 / <b>0118 3856</b>
847	MOUNTING FOOT	0428 6860
848	MOUNTING FOOT	0427 0748
849	MOUNTING FOOT	0427 0750
850	OIL PR. SWITCH	0118 2479
851	SHUT DOWN DEVICE	0427 2957 / <b>0410 3829</b>
852	<b>RUBBER SLEEVE</b>	<b>0117 5634</b>

(Model No. D914L04)

853	VALVE	4237234 / <b>0423 8157</b>
854	OIL COOLER	015-15-041 / <b>0423 7388</b>
855	FUEL INJECTOR	0423 6686
856	FUEL INJECTION PUMP	0150-17-001 / <b>0423 6969</b>
857	<b>ALTERNATOR</b>	<b>0118 3626 / 0118 4359</b>
858	Magnet/Solenoid	0423 4303
859	SWITCH	0421 4640 / <b>0461 3438</b>
860	Delivery Valve/ <b>Set of Parts</b>	0150-17-120/0503-71/ <b>0293 1528</b>
861	INTERMEDIATE RING	0150-08-016 / <b>0415 7656</b>
862	TEMPERATURE SENSOR	0150-51-005 / <b>0118 2708</b>
863	MOUNTING FOOT	0419 3090 / <b>0423 5589</b>
864	PUSH TUBE / <b>PROTECTING TUBE</b>	0150-11-005 / <b>0423 6102</b>
865	FLY WHEEL RING GEAR / <b>GEAR RIM</b>	0150-05-031 / <b>0490 5430</b>
866	CYLINDER HEAD	0150-08-001 / <b>0423 6671</b>
867	TRANS.COOLER / <b>HYDRAUL. OIL COOLER</b>	0150-15-090 / <b>0423 7616</b>
868	FEED PUMP	0150-17-006 / 0423 3878 / <b>0423 4170</b>
869	HOSE	0150-17-067 / <b>0423 7259</b>
870	INJECTOR	0150-19-001 / <b>0423 6686</b>
871	BLOWER FAN	0150-39-122 / <b>0415 4640</b>
872	BEARING	0150-39-130 / <b>0113 6653</b>
873	BEARING	0150-39-134 / <b>0113 6653</b>
874	<b>CABLE HARNESS</b>	0150-48-020 / <b>0421 4695</b>
875	SCREW	0150-08-018 / <b>0114 9197</b>

(Model No. BF4M2011)

876	<b>Fuel Inject. Pump (A Class)</b>	<b>0134 0411</b>
877	Lub Oil Pump	0410 2478 / <b>0430 0504</b>
878	Control Rod	0428 6240
879	Valve Stem Seal	0415 3728
880	RELIEF VALVE / <b>THERMOSTAT</b>	0293 7551
881	Big End Bearing (Std)	0427 0255
882	Repair Kit / <b>SYNCHRO BELT DRIVE</b>	0293 1480
883	GUIDE / <b>VALVE GUIDE</b>	4272011 / <b>0294 1000</b>
884	COOLING NOZZLE	0417 8452
885	Packing Compound	0134 0197 / <b>0134 0786</b>
886	FILTER ASSEMBLY	4272269 / <b>0410 3723</b>
887	Cylinder	0423 1513 / <b>0423 8724</b>
888	Shim (0.2mm)	0213 7256
889	Shim (0.5mm)	0423 1432
890	Shim(0.8mm)	0423 1433
891	Shim(1.0mm)	0423 1434
892	Shim (0.3mm)	0415 3358
893	Rot.Shaft Lip Seal	0423 2266
894	Rot.Shaft Lip Seal	0423 2267
895	Oil Filter	0118 2001
896	OIL SEAL / <b>ROT.SHAFT OIL SEAL</b>	0417 5433



897	Main Bearing (1 <sup>st</sup> U/S)	0427 0242
898	Thrust Washer (Std)	0292 8961
899	Piston	0428 6721
900	Big End Bush	0417 0393
901	HEAD GASKET	0428 1065
902	Inlet Valve	0428 0404
903	Exhaust Valve	0428 0049
904	Exhaust Valve Seat	0428 1570
905	Inlet Valve Seat	0428 1572
906	Bearing Bush / <b>WRAPPED BEAR BUSH</b>	0417 8155
907	Bearing Bush / <b>WRAPPED BEAR BUSH</b>	0417 8154
908	Compression Spring	0417 0886
909	Turbocharger	0428 1437 / <b>0428 4498</b>
910	Gasket Set	0293 1435
911	Valve Stem Seal	0415 3728
912	Cooling Nozzle	0423 5315
913	Main Bearing (Std.)	0423 1079
914	Thrust Bearing	0423 6917
915	<b>Thrust Washer</b>	<b>0423 6916</b>
916	Piston Ring set	0423 1717
917	TOP OVERHAUL GASKET KIT	0293 1477 / <b>0293 7717</b>
918	Conn. Bearing (STD) / <b>BIG END BEARING</b>	<b>0423 2679</b>
919	Set of Piston Rings	<b>0428 0566</b>
920	Piston	<b>0428 6721</b>
<b>(Model No. BF4M2012)</b>		
921	FAN	97/39 / <b>0425 3399</b>
922	TURBO CHARGER	97/43 / <b>0425 8199</b>
923	STARTER	97/44 / <b>0118 3716</b>
924	GASKET	01/121 / <b>0450 4325</b>
925	MAIN BEARING (STD)	05/02 / <b>0293 1062</b>
926	LOCK / THRUST WASHER (STD)	05/03 / <b>0293 1331</b>
927	BEARING (STD)	05/04 / <b>0293 1406</b>
928	GEAR RIM	05/50 / <b>0490 5430</b>
929	BEARING	06/02 / <b>0425 0012</b>
930	PISTON	07/01 / <b>0450 1366</b>
931	PISTON RING	07/04 / <b>0450 1092</b>
932	PISTON PIN	07/02 / <b>0425 0132</b>
933	GASKET	08/02 / <b>0428 3391</b>
934	CYL.HEAD GASKET (1 NOTCH)	08/22 / <b>0428 9408</b>
935	CYL. HEAD GASKET (2 NOTCH)	08/23 / <b>0428 9407</b>
936	CYL.HEAD GASKET (3 NOTCH)	08/24 / <b>0428 9406</b>
937	VALVE SEAT	08/14 / <b>0419 2396</b>
938	VALVE SEAT	08/16 / <b>0419 2397</b>
939	EXHAUST VALVE	08/15 / <b>0428 4043</b>
940	INLET VALVE	08/17 / <b>0428 4042</b>
941	VALVE COLLECT	08/11 / 0210 8102 / <b>0419 3520</b>
942	GASKET	15/30 / <b>0425 4803</b>
943	FILTER	15/122 / <b>0118 3574</b>
944	COOLER	15/24 / 0491 2103 / <b>0491 6909</b>
945	REPAIR KIT	17/23 {19/1} / <b>0293 1905</b>
946	FUEL INJECTION PUMP	19/22 {17/1} / <b>0211 2405</b>
947	NOZZLE ELEMENT	19/09 / <b>0211 3132</b>
948	ELBOW / <b>MANIFOLD</b>	22/53 / <b>0425 4330</b>
949	CLAMP / <b>HOSE CLIP</b>	22/54 / <b>0117 3939</b>
950	CLAMP / <b>HOSE CLIP</b>	22/52 / <b>0117 3940</b>
951	WATER PUMP	38/34
952	WATER PUMP	37/18
953	WATER PUMP / <b>COOLANT PUMP</b>	37/01 / <b>0293 7455</b>
954	FAN	39/186 / <b>0425 3399</b>
955	TURBO CHARGER	43/01 / 0425 8199
956	ALTERNATOR	44/01 / 0118 3618 / <b>0118 4358</b>
957	STARTER	44/41 / 0118 3716