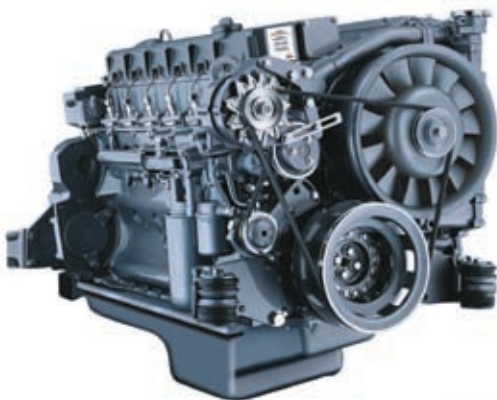


# DEUTZ XCHANGE<sup>®</sup>

## Engines & Parts

Product Portfolio



The engine company.



## Two factories – one goal

“New life for old engines” – a service which engine manufacturers all over the world have always offered as a customer service under the name of “general overhaul” or “exchange engine”.

Based on this principle, DEUTZ founded the Übersee repair factory on the Chiemsee in Upper Bavaria in 1948 DEUTZ has also operated a modern Xchange factory in Pendergrass, Georgia, USA since 2008.

Today DEUTZ counteracts the passive philosophy of simple re-use with an active philosophy of further use which is realised by industrially organized processing. It rules out the “end of an engine” and therefore turns a previously little exploited energy potential into an economic and ecological perspective.



## Our philosophy

- Guarantee with certificate
- Manufacturer quality according to ISO 9001
- Wearable parts replaced by genuine DEUTZ parts
- Quickly available
- Test bench acceptance and guarantee the same as brand new engines
- Shorter downtimes than for repairs
- State of the art products
- Continuous updating of the DEUTZ Xchange program

## Our current Xchange product portfolio:

- Exchange engines
- Controllers
- Injection pumps / high pressure pumps for CR
- Fuel injectors
- Generators
- Starters
- Air compressors
- Turbochargers
- Water pumps
- Cylinder heads

# DEUTZ Xchange Engines



**2 years  
guarantee**

Engines processed and tested with DEUTZ technology carry the same manufacturer guarantee as new engines.

You are on the safe side with genuine DEUTZ Xchange products:

- More than 140 experience in engine construction
- World-wide authorised DEUTZ service network
- Exclusive use of genuine DEUTZ parts
- Disassembly, cleaning, parts inspection and exchange, installation and testing according to DEUTZ specifications
- State of the art products
- Guarantee same as for new DEUTZ products
- No concealed costs, reasonable investments for the whole life cycle

BR	Model
<b>413</b>	BF06L0413 FR
	BF12L0413 F
	BF12L0413 FW
	F05L0413 FR
	F05L0413 FRW
	F05L0413 R
	F06L0413
	F06L0413 F
	F06L0413 FR
	F06L0413 FRW
	F06L0413 FW
	F06L0413 R
	F08L0413
	F08L0413 F
	F08L0413 FW
	F10L0413
	F10L0413 F
	F10L0413 FW
	F12L0413
	F12L0413 F
F12L0413 FW	
<b>511</b>	F01L0511
	F02L0511
	F02L0511 W
<b>513</b>	BF06L0513 R
	BF06L0513 RC
	BF08L0513
	BF10L0513
	BF12L0513
	BF12L0513 C
	F08L0513
	F10L0513
F12L0513	
<b>912</b>	F02L0912
	F03L0912
	F03L0912 F
	F03L0912 GEN
	F03L0912 W
	F03L0912D
	F04L0912
	F04L0912 F
	F04L0912 W
	F05L0912
	F05L0912 F
	F05L0912 W
	F06L0912
	F06L0912 F
	F06L0912 W
F06L0912GEN	

BR	Model	
<b>913</b>	BF04L0913	
	BF04L0913 C	
	BF04L0913 T	
	BF06L0913	
	BF06L0913 C	
	BF06L0913 T	
	F03L0913	
	F03L0913G	
	F04L0913	
	F06L0913	
	GF03L913	
	<b>914</b>	BF03L0914
		BF04L0914
BF06L0914		
BF06L0914C		
D0914 L04		
F03L0914		
<b>1008</b>	F04L0914	
	F06L0914	
	F03M1008	
F04M1008		
<b>1011</b>	BF03L1011 FL	
	BF03M1011 F	
	BF04L1011	
	BF04L1011 F	
	BF04L1011 FT	
	BF04L1011E	
	BF04L1011T	
	BF04M1011	
	BF04M1011 F	
	F02L1011	
	F02L1011 F	
	F02M1011	
	F03L1011	
F03L1011 F		
F03L1011E		
F03M1011 F		
F04L1011		
F04L1011 F		
F04L1011 FL		
F04L1011E		
F04M1011 F		
<b>1012</b>	BF04M1012	
	BF04M1012 C	
	BF04M1012 E	
	BF04M1012 EC	
	BF06M1012	
	BF06M1012 C	
	BF06M1012 E	
	BF06M1012 EC	

BR	Model
<b>1013</b>	BF04M1013
	BF04M1013 C
	BF04M1013 E
	BF04M1013 EC
	BF04M1013 FC
	BF04M1013E
	BF04M1013M
	BF06M1013
	BF06M1013 C
	BF06M1013 CP
	BF06M1013 E
	BF06M1013 EC
	BF06M1013 ECP
	BF06M1013 FC
	BF06M1013EC
	BF06M1013M
	BF06M1013MC
BF06M1013MCP	
<b>1015</b>	BF06M1015
	BF06M1015 C
	BF06M1015 CP
	BF06M1015 M
	BF06M1015 MC
	BF08M1015
	BF08M1015 C
	BF08M1015 CP
BF08M1015 MC	
<b>2011</b>	BF03L2011
	BF03M2011
	BF04L2011
	BF04M2011
	BF04M2011 C
	F02L2011
	F02M2011
F03L2011	
<b>still 2011</b>	F03M2011
	F04L2011
	F04M2011
<b>2012</b>	BF04M2012
	BF04M2012 C
	BF04M2012 VO
	BF06M2012
	BF06M2012 C
BF06M2012 C VO	
<b>2013</b>	BF04M2013
	BF04M2013 C
	BF06M2013
	BF06M2013 C

BR	Model
<b>D/TD/ TCD2011</b>	D 2011 L02
	D 2011 L02I
	D 2011 L03
	D 2011 L03I
	D 2011 L04
	D 2011 L04I
	D 2011 L04W
	TCD 2011 L04W
	TD 2011 L04I
	TD 2011 L04W
<b>TCD 2012</b>	TCD 2012 L04 2V
	TCD 2012 L04 4V
	TCD 2012 L06 2V
	TCD 2012 L06 4V
<b>TCD2013</b>	TCD 2013 L04 2V
	TCD 2013 L06 2V
	TCD 2013 L06 4V
<b>TCD2015</b>	TCD 2015 V06
	TCD 2015 V08
<b>T/TD 226</b>	D226.3.2
	D226.3.B
	D226.4
	D226.4.2
	D226.4.B.
	D226.6.2
	D226.6.B
TD226.3.B	
TD226.4.2	
TD226.4.B	
TD226.6.2	
TD226.6.B	

## DEUTZ Xchange Parts



**1 year  
guarantee**

- Series processing with manufacturer know-how
- In sub-assembly processing, wearable parts replaced only by genuine new DEUTZ parts
- Same guarantee as for genuine DEUTZ parts
- Available immediately ready for installation through the world-wide DEUTZ service network
- Always state of the art
- Also available for more technically demanding DEUTZ engines of EU stage III A / US EPA Tier 3
- Low-cost with guaranteed quality and functionality
- Environmentally friendly and kind on resources

## INJECTION PUMP CONTROLLER

Ref. Mat.-No.	Description	Mat.-No.
New part		Xchange part
0211 1260	BFM1012/2012	0295 9410
0211 1262	BFM1012/1013/2012	0295 9412
0211 1263	BFM1012/1013/2012	0295 9413
0211 1264	BF M 1013	0295 9414
0211 1294	BF M 1013 / 2012	0295 9415
0211 1319	BF M 1013	0295 9416
0211 1327	BFM1012/1013/2012	0295 9417
0211 1338	BF M 1012 / 2012	0295 9418
0211 1349	BF M 1012 / 1013	0295 9419
0211 1361	BF M 1012	0295 9420
0211 1432	BF 6M 1012	0295 9422
0211 1435	BF M 1013 / 2012	0295 9423
0211 1494	BF M 1013	0295 9425
0211 1554	BF M 1012 / 1013	0295 9427
0211 1630	BF M 1012 / 1013 / 2012	0295 9428
0211 1762	BF M 2013	0295 9429
0211 2268	BF M 1012 / 1013	0295 9431
0211 2445	BF 4M 1012	0295 9432
0211 2447	BF 4M 1012	0295 9433
0211 2890	BF M 1012 / 1013 / 2012	0295 9409
0211 2893	BFM1013/2012	0295 9435
0211 2974	BFM1013	0295 9437

## INJECTION PUMP

Ref. Mat.-No.	Description	Mat.-No.
New part		Xchange part
0134 0379	FL/M2011 D2011	0305 0458
0134 0380	FL/M2011 D2011	0305 0459
0134 0381	FL/M2011 D2011	0305 0470
0134 0404	BFL/M2011 TD2011	0305 0471
0134 0405	BFL/M2011 TD2011	0305 0472
0211 1066	BF M 1013	0304 5380
0211 1246	BF 4M 1012	0304 5379
0211 1335	BF 6M 1013	0304 5381
0211 1636	BFM1012 / 2013	0304 6465
0211 1663	BF M 1012	0304 5378
0211 1930	BF 6M 1013 EC	0304 5377
0211 2405	BF4/6M2012/C, TCD2012L04 2V	0305 0473
0211 2706	BF6M1013EC/ECP/FC	0305 0474
0211 2707	BF6M2012C	0305 0475
0211 3002	BF4/6M2012/C	0305 0476
0211 3694	TCD2013 2V	0305 0477
0211 3695	TCD2012 2V	0305 0478
0212 6930	BF M 1012	0304 5370
0213 7403	F 2 L 912	0295 9025
0214 2732	F 6 L 413 FR	0295 9011
0223 1882	BF 6 L 913	0295 9006
0223 1883	BF 6 L 913	0295 9038
0223 1887	BF 6 L 913	0295 9041
0223 2331	F 2 L 912	0295 9045
0223 2402	F 3 L 912	0295 9000
0223 2423	F 3 L 912	0295 9036
0223 2476	F 4 L 912	0295 9001
0223 2560	F 5 L 912	0295 9003
0223 2628	F 6 L 912/913	0295 9005

0223 2920	F 6 L 912	0295 9035
0223 2924	F 5 L 912	0295 9034
0223 3729	F 2 L 511 / W	0292 7247
0223 4222	F 6 L 912/913	0295 9042
0223 6584	F 4 L 912	0295 9016
0223 7620	F 6 L 912/913	0295 9018
0223 8358	F 4 L 913	0295 9019
0223 8408	F 3 L 913 G	0295 9007
0241 2895	F 8 L 413 F	0295 9056
0241 6994	F 8 L 413 F	0295 9057
0241 6996	F 8 L 413 F	0295 9020
0241 7046	F 10 L 413 F	0295 9050
0241 7048	F 6 L 413 F	0295 9055
0241 7303	BF 12 L 413 FW	0295 9030
0241 8755	BF 12 L 413 F	0295 9031
0241 8903	F 6 L 413 FW	0295 9021
0241 8904	F 8 L 413 FW	0295 9128
0241 8905	F 10 L 413 FW	0295 9129
0241 8906	F 12 L 413 FW	0295 9130
0242 1978	BF 12 L 513 C	0295 9137
0242 2648	F 6 L 413 F	0295 9048
0242 2649	F 8 L 413 F	0295 9049
0242 5278	F 6 L 413 FR	0295 9088
0242 7162	F 12 L 413 F	0295 9060
0242 7573	F 8 L 513	0295 9059
0414 9801	F 8 L 413 F	0295 9123
0415 1252	BF 6 L 913	0295 9024
0415 1453	F 3 L 913	0295 9022
0415 3547	F 4 L 913	0295 9043
0415 4668	F 4 L 913	0295 9023
0415 4847	BF 6 L 913	0295 9140
0415 6508	BF 6 L 913 C	0295 9026
0415 6972	BF 6 L 913	0295 9008
0415 7399	BF 6 L 913	0295 9118
0415 7413	BF 6 L 913 T	0295 9044
0415 7417	BF 6 L 913 T	0295 9070
0415 8713	BF 4 L 913 C	0295 9139
0415 8843	BF 6 L 913	0295 9039
0415 9028	F 6 L 913	0295 9017
0415 9364	BF 4 L 913	0295 9009
0415 9374	BF 4 L 913	0295 9010
0415 9416	BF 4 L 913	0295 9027
0417 4029	FL 1011	0304 3996
0417 4031	BFL 1011 T	0304 3997
0417 4903	FL 1011	0304 3998
0417 4945	BFL 1011 T	0304 5081
0417 5130	BFL 1011	0304 5082
0417 5175	BFL 1011	0304 5083
0417 5848	BFL 1011/T	0304 5085
0417 5850	FL 1011	0304 5084
0417 5852	BFL 1011/T	0304 5140
0417 8047	F L 1011 F	0304 5376
0417 8125	BF 4M 1011 F	0304 5375
0417 8544	BF L 1011 F	0304 5371
0417 9429	BF / F M 1011 F	0304 5374
0417 9431	BF / F M 1011 F	0304 5373
0417 9573	F L 1011	0304 5372
0418 6057	BF 10 L 513	0295 9015
0418 6086	F 8 L 513	0295 9058



0422 3930	BF 6 M 1015 C	0295 9109	0223 3085	FL 912/511	0292 7211
0422 6670	BF 6 M 1015	0295 9112	0223 3272	BFL 913/C	0292 6386
0423 0173	F 6 L 912	0295 9040	0293 4349	BFL 1011 T	0304 5091
0423 0260	F 4 L 912	0295 9002	0293 4350	FL 1011	0304 5089
0423 1193	BF 6 L 913 C	0295 9028	0293 4351	FL 1011	0304 5088
0423 1580	F 3 L 912	0295 9071	0337 2161	FL 413 FW	0292 7277
0423 1583	F 4 L 912	0295 9080	0414 3814	BFL 513	0292 7278
0423 1586	F 5 L 912	0295 9075	0415 0926	BFL 913/C	0293 2004
0423 1590	F 6 L 912/913	0295 9073	0415 2044	F 3 L 913 G	0292 7272
0423 1611	F 6 L 912	0295 9004	0415 4141	BFL 913/C	0304 2121
0423 1631	F 4 L 912	0295 9037	0415 4143	FL 912	0304 3528
0423 1699	BF 4 L 913 T	0295 9029	0417 0917	BFL 1011	0304 5092
0423 1734	F 3 L 912	0295 9072	0417 4837	BFL 1011 T	0304 5090
0423 1792	F 4 L 912/913	0295 9102	0417 5132	1011	0304 5251
0423 1849	F 6 L 912	0295 9089	0417 5189	FL 1011	0304 5086
0423 1875	BF 4 L 913	0295 9083	0417 8021	F L 1011 F	0304 5392
0423 1963	BF 6 L 913	0295 9074	0417 8022	BF L 1011 F	0304 5384
0423 2048	BF 4 L 913	0295 9085	0417 8023	F M 1011 F	0304 5385
0423 2072	BF 4 L 913	0295 9084	0417 8024	BF 4M 1011	0304 5383
0423 2078	BF 6 L 913	0295 9086	0417 9470	F L 1011 F	0304 5386
0423 2084	BF 6 L 913 C	0295 9087	0418 4965	FL 513	0304 2413
0423 2136	BF 6 L 913	0295 9090	0423 0141	F3L 913 G	0304 4143
0423 2296	BF 6 L 913 C	0295 9091	0423 1554	912 / 913	0304 5341
0423 2320	F 4 L 912/913	0295 9104	0423 2066	BF 913	0304 4483
0423 2459	F 3 L 912 W	0295 9095	0423 2434	FL 912W/511W	0292 7271
0423 2479	F 6 L 912 W	0295 9096	0423 4349	BF/FL914/C	0305 0482
0423 2494	F 5 L 912 W	0295 9094	0426 2856	BFM1015/C	0304 6197
0423 2539	F 3 L 912	0295 9077	0428 6251	BF/FL2011, D2011L	0305 0479
0423 2559	F 4 L 912	0295 9079	0429 0987	TCD2012 2V	0305 0480
0423 2567	F 5 L 912	0295 9081	1215 3044	D 225, D 226, D227, D 308	0304 5158
0423 2581	F 6 L 912	0295 9082	1215 3048	D 226, D 227	0304 5159
0426 0555	BF8M1015C/CP	0304 8060	1215 3057	TD226 - B	0304 5161
0426 2056	TCD2015	0304 9760			
0427 1701	F2 / 3 / 4 L / M 2011	0304 6467			
1215 2492	D 226 3.2	0295 9061			
1215 2508	D/TD 226 4.2	0295 9062			
1215 2510	TD 226 - 4B	0295 9066			
1215 2515	D 226 - 6.2	0295 9063			
1215 2519	TD 226 - 6.2	0295 9064			
1215 2520	D 226 - 6B	0295 9068			
1215 6697	D 226 - 6B	0295 9067			
1218 9088	TD 226 - 3 B	0295 9065			

#### FUEL INJECTOR

Ref. Mat.-No. New part	Description	Mat.-No. Xchange part
0211 2102	BF M 1013 EC	0304 5416
0211 2103	BF M 1013	0304 5415
0211 2624	BF M 1012	0304 5391
0211 2625	BF M 1012	0304 5382
0211 2626	BF M 1012	0304 5390
0211 2640	BF M 1013	0304 5389
0211 2644	BF M 1013	0304 5414
0211 2645	BF M 1013	0304 5387
0211 2957	BF4/6M1013	0305 0481
0211 3000	BFM2012/C	0304 6521
0214 5079	FL 413 F	0292 7273
0214 7859	BFL 413 F	0304 3361

#### GENERATOR

Ref. Mat.-No. New part	Description	Mat.-No. Xchange part
0116 3170	912 / 913 / 413	0304 0651
0117 7481	912/913/1012/1013	0304 0005
0117 8521	912/913/1012/1013	0304 0714
0117 8607	912/ 913/1012/1013	0304 0715
0117 8655	912/ 913/1012/1013	0304 5096
0117 8669	226	0304 5178
0117 9468	912/ 913/1012/1013/413/ 513	0304 0125
0118 0302	912/ 913/1012/1013	0304 5097
0118 1386	413/ 513	0304 2535
0118 2027	913 / 1013 /2013 /1015	0304 5910
0118 2113	413/ 513	0304 0718
0118 2151	912/913/914/1011/2011/1013	0304 7527
0118 2153	912/913/914/1011/2011/1013	0305 0415
0118 2434	B/FL 1011/F	0292 7274
0118 2436	2011	0305 0430
0118 2438	B/FL/1011F	0304 5249
0118 2959	413/ 513	0304 0704
0118 2961	2012	0305 0431
0118 3185	2012 14V	0305 0432
0118 3191	1013/2012/2013/2015	0305 0434
0118 3195	912/913/914/1013/1015	0305 0435
0292 9937	B/FL 1011	0304 5438

0292 9939	B/FL 1011	0293 2014
0419 1523	413/ 513	0304 5098
1285 0799	1008	0304 5741
1285 0977	1008	0304 5742
1285 1726	1008	0304 5740
1291 1594	226	0304 5177

0118 0805	912 / 913	0304 5319
0118 0928	912/913/1011/1012/1013	0304 5396
0118 0999	912/ 913/1012/1013	0304 6537
0118 1681	BFM1013 / BFM2012C	0304 7431
0118 2233	1012/1013/2012/2013	0304 6978
0118 2235	BFM1013/BFM2012/ TCD2012	0304 7512
0118 2382	1011 / 2011	0304 6578
0118 2390	1011/2011	0304 7074
0118 2760	TCD2012/2013	0305 0483
0118 3067	BFM1013 / BFM2012	0305 0484
0293 4493	B/FL 1011	0304 2533
0293 4505	1011F	0304 5250
0430 0007	2011	0305 0444
1215 3838	226	0304 5176
1218 7645	226	0304 5175
1285 1306	1008	0304 5738

#### AIR COMPRESSOR

Ref. Mat.-No. New part	Description	Mat.-No. Xchange part
0117 3720	413 F / FW / FZ / R	0304 0119
0117 3858	912 / 913	0304 5243
0117 3860	B/FL413F	0304 0671
0117 3862	413 F / FW / FZ / R	0304 0672
0117 3863	912 / 913	0304 0673
0117 3870	912 / 913	0304 0674
0117 3876	912 / 913	0304 0675
0117 3877	912 / 913	0304 0676
0117 4168	B/FL413F / 513	0304 2522
0117 4473	912 / 913	0304 0677
0117 4474	B/FL413F / 513	0304 2523
0117 5509	912 / 913 / 413	0304 0683
0117 7293	B/FL413F / 513	0304 2530
0117 8041	1011 / 1011F	0304 5242
0117 9099	912 / 913	0304 5199
0117 9584	BF M1012/1013	0304 6571
0118 0386	1012/1013	0304 5244
0118 0388	1011 / 1011F	0304 5241
0118 0579	BF M 1012 / 1013	0304 6573
0118 0581	BF4/6M1013	0305 0456
0118 0656	1012/1013	0304 5245
0426 1512	1015	0304 5247
0426 1513	1015	0304 5246
0490 5533	TCD2013L6 2V,4V	0305 0457

#### STARTER

Ref. Mat.-No. New part	Description	Mat.-No. Xchange part
0116 2508	413/513	0304 0648
0116 3556	413	0304 0116
0117 1481	511	0304 5460
0117 1482	511	0304 5461
0117 3560	BF M 1012	0304 7129
0117 4631	B/F L 912 / W	0304 0678
0117 4633	413/ 513	0304 0120
0117 4635	413/ 513	0304 0679
0117 4637	513	0304 0121
0117 4639	413/1015	0304 6888
0117 4645	BF L 413 / 513 F	0304 0680
0117 4647	413/513/1015/ TCD2015	0304 2524
0117 4649	413/ 513	0304 0681
0117 6177	413/ 513	0304 2527
0117 8026	912/ 913/1012/1013	0304 0006
0117 8671	B/FL 1011	0304 5095
0117 8686	912/913	0304 5417
0117 9061	413/ 513	0304 5094
0117 9586	912/ 913/1012/1013	0304 0719
0117 9595	413/ 513	0304 0720

#### TURBOCHARGER

Ref. Mat.-No. New part	Description	Mat.-No. Xchange part
0213 7934	BF 6L 913	0291 3314
0223 2450	913	0291 3363
0223 8544	BF 4L 913 /T	0291 9921
0414 5472	BF 12L 413 F/W	0291 9915
0415 2326	BF 4L 913	0291 9939
0415 3189	BF 6L 913 C	0304 5412
0415 7288	BF 6L 913 / C	0291 9945
0415 7857	BF 4 / 913 C	0304 4193
0415 8670	BF 4L 913	0291 9946
0417 6324	BF 4L 1011/ T	0304 3210
0417 6325	BF 4L 1011 /E /T	0304 5411
0417 8664	BF 4L 1011 F	0304 4012
0418 0148	BF 8L 413 F	0304 3229
0418 0178	BF 12 L 413 F / 513 / C	0304 0559
0418 0180	BF 413 FR	0304 2378
0418 3618	BF 8L 513	0304 4878
0418 8820	413 FR / 513R	0304 0626
0420 9145	BF 4M 1012 /C /EC	0304 5419
0420 9163	BF 4M 1012 /E /C	0304 5399
0422 3754	BF M 1015 /C	0304 1859
0422 4142	BF 8M 1015 C	0304 5404
0422 6496	BF 8M 1015 / C	0304 6136
0423 2252	BF 4L 913	0304 5406
0423 2254	BF 6L 913 C	0304 5403
0423 2894	BF4L913	0304 5906
0423 3029	BF 6L 913C	0304 5068
0423 4297	BF4L914	0305 0487
0425 2301	BF 6M 2013 / C	0304 5909
0425 2304	BF 4M 2013C	0304 5908
0425 2822	BF 4M 2013	0304 5907
0425 3807	BF 6M 1013 E / C / P	0304 3875
0425 3818	BF6M1013EC/ECP	0304 8397
0425 3824	BF 6M 1013/ E	0304 5407
0425 3857	BF 6M 1012 /EC	0304 5400
0425 3865	BF 6M 1012 /C /E	0304 5401
0425 3874	BF 6M 1012E	0304 6532
0425 3875	BF 6M 1012 E	0304 5405
0425 6820	BF 4M 1013 /E /EC	0304 5402

0425 8199	BF4M2012	0305 0485	0423 3201	BF L 913	0304 2334
0425 8205	BF4M2012C	0305 0507	0423 4520	BFL914C	0304 8924
0425 9315	BF6M1013EC/ECP/FC	0304 8634	0423 4955	FL 914	0304 8885
0425 9722	BF6M2013C	0304 7687	0423 4956	FL 914	0304 7179
0427 2325	BF4M2011	0304 7224	0423 5409	BFL914	0304 7871
0427 2463	BF L 1011 F	0304 5409	0423 6181	FL 912/913	0292 9005
0427 2464	BF 4L 1011 F	0304 5408	0423 6183	FL 912 W	0292 9007
0427 2467	BF4M1011F/ BF4M2011	0305 0488	0424 0464	FL 413 FW	0292 9015
0427 2501	BF3LM1011F/FL	0305 0489	0424 0465	BFL 413 FW	0292 9017
0428 0664	BF3LM2011	0305 0490	0425 4037	BF4M1012 /E/C/EC	0304 2460
0428 1437	BF4L/M2011 TD/TCD2011	0304 7294	0425 4038	BF6M1012	0304 6306
0428 1466	BF4LM2011/TD2011L4	0305 0295	0425 5259	BF4M1013 /E/C/EC	0304 4537
0428 2637	BF6M2012C	0305 0491	0425 8234	BF6M1013 /E/C/EC/CP/ECP	0304 3813
0490 0118	BF6M2012C	0305 0492	0427 1608	F3L/M1011F	0304 3680
1215 2917	TD 226.6	0292 7252	0427 1608	F4L/M1011F	0304 3693
1215 2918	MWM TD 226/6	0291 9959	0427 2218	F2L/M 1011F	0304 5804
1215 2924	TD 226 - 6C	0291 9962	0427 2222	F3L/M 1011F	0304 2452
1215 2927	TD 226B - 3	0304 5902	0427 2226	F4L/M 1011F	0304 2429
1227 0783	TD 226B - 3	0304 5903	0427 2854	BF4L/M1011F/FT	0304 2453
1227 2278	TD 226B - 4	0304 5904	0428 0264	BF4M2011	0304 6995
1285 1456	BF 4 M 1008	0304 5410	0428 0265	BF4M2011	0304 7112
			0428 0268	F4L/M 2011, D2011L04i	0304 7441
			0428 0269	F4M2011, D2011L04	0304 7800
			0428 5383	BF6M2012/C	0304 7402
			0428 5384	BF4M2012/C	0304 6607
			0428 5537	BF6M2012/C	0304 8404
			0428 5994	BF4M2012/C	0304 8370
			0429 1729	TCD2013L06 2V	0304 8682
			0429 2632	TCD2012L06 2V	0304 9510
			0429 2633	TCD2012L06 2V	0304 8374
			1216 0237	D226	0304 1722
			1216 0239	D 226	0304 5170
			1216 0252	TD 226 - .2	0304 5172
			1216 0259	TD 226 - B	0304 5173
			1219 1007	TD 226 - B	0304 5174

## WATER PUMP

Ref. Mat.-No.	Description	Mat.-No.
New part		Xchange part
0293 1391	BF 6 M 1015	0304 5252
0293 1392	BF 8 M 1015	0304 5272
0293 1831	BF M 1012 / 2012 / C	0304 5239
0293 1946	BF 1012 E / EC	0304 5254
0293 7441	BFM2012, TCD2013L04/06	0305 0463
0425 9261	BF 6 M 1012 E	0304 5240
0425 9547	BF 6/1013	0304 5253
0428 3173	BF M 1013	0304 5273

## CYLINDER HEAD

Ref. Mat.-No.	Description	Mat.-No.
New part		Xchange part
0415 9481	BFL 913	0292 9009
0417 6168	F 2 L 1011	0292 7255
0417 6169	F 3 L 1011	0292 7256
0417 6170	F 4 L 1011	0292 7257
0417 6171	BF 4 L 1011	0292 7246
0417 9684	F2L/M1011F	0304 4356
0417 9687	BF4L/M1011F/FT	0304 4005
0418 8758	FL 513	0292 9020
0418 8760	FL 413 F	0292 9014
0418 8938	BFL 413 F/513	0292 9013
0418 9185	FL 413 FW	0292 9016
0418 9187	FL 413 F	0292 9011
0418 9188	BFL 413 F	0292 9012
0419 7009	BF6M1012 /E/C/EC	0304 4336
0422 6976	BFM1015	0304 4505
0422 6977	BFM1015C/CP, TCD2015	0304 2499
0423 0582	BFL913	0292 9008
0423 0612	FL 912	0292 9003
0423 1662	B/FL 912/913	0304 2345
0423 2109	BF L 913 C	0304 4097
0423 2889	F L 912 W	0304 2369

EU Stage III A / US EPA Tier 3

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# Comparison: DEUTZ Xchange engine vs. engine overhaul

Criterion	DEUTZ Xchange	Rebuilding by third party
Guarantee – engines – parts	World-wide 24 months 12 months	ca. 60 days ?
Replacement of wearable parts by genuine DEUTZ parts	100 %	?
Qualified disassembly, cleaning, analysis/inspection, installation	Yes	?
Test bench run	Yes	?
Availability of the engine = machine downtime	3 working days	?
Delivery with state of the art engine condition	Yes	No
Conclusion	Engine gets a second life	Engine life prolonged undefined

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