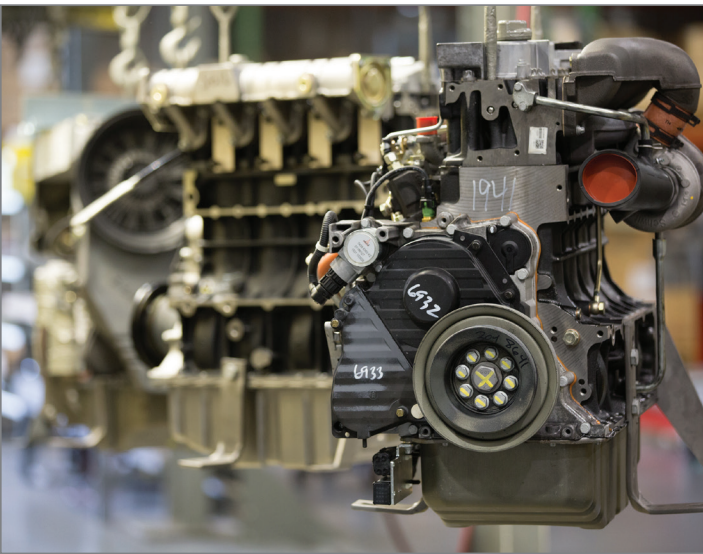


DEUTZ XCHANGE®

The Reman Difference.

Why **DEUTZ XCHANGE**®



DEUTZ Xchange engines are totally remanufactured, making them a much sturdier alternative than the rebuilt engines found in the marketplace today.

Each DEUTZ Xchange engine goes through a 300-point reconditioning process according to its original blueprint specifications.

Our reconditioning process is intensive and includes disassembly, cleaning, parts testing, reassembly and a complete inspection – each of which is performed according to uncompromising DEUTZ specifications.

In addition, all DEUTZ Xchange engines are brought up to the latest technical stage of development.

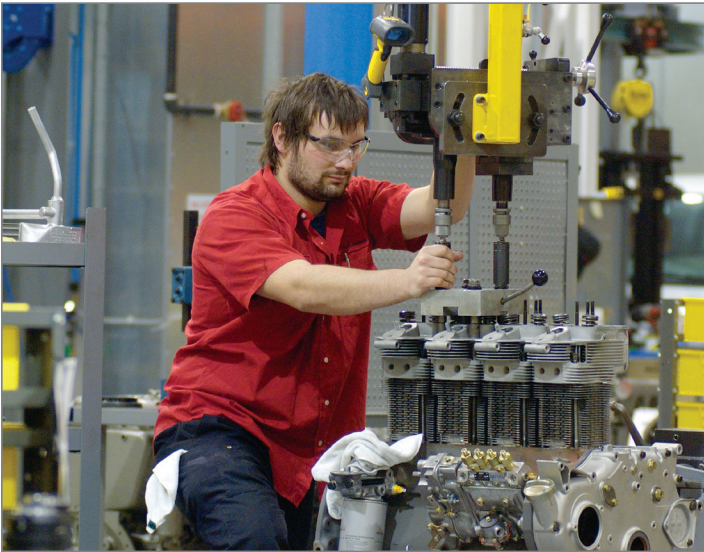
When you purchase a DEUTZ Xchange engine, all the following comes standard:

- An industry-leading, national three-year limited, fully transferrable warranty on all genuine Xchange engines.
- No-hassle core return policy.
- A guarantee that only 100% genuine DEUTZ replacement parts are installed. All wear parts are replaced with new DEUTZ original parts.
- Value-added final inspection and installation services by members of our trained distributor service team.

DEUTZ Xchange engines are available for a variety of engine types, spanning the past 45 years:

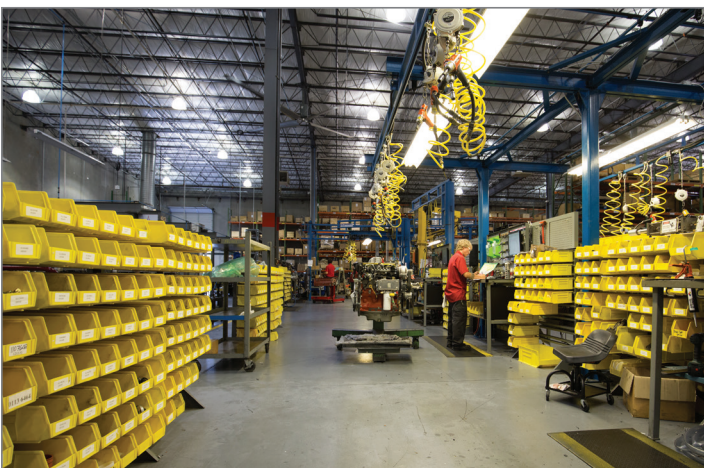
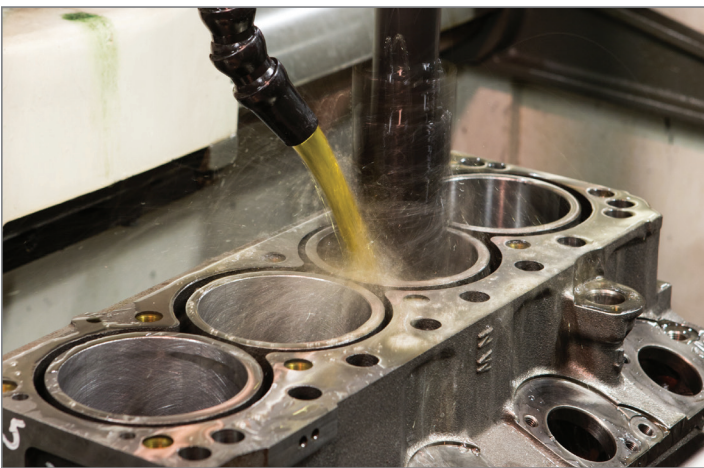
- 1011/2011 Series
- 912/913/914 Series
- 1012/1013 Series
- 2012/2013 Series
- 1015/2015 Series
- 413/511/513 Series
- 2.9 short and long blocks with and without complete fuel system





Engine Core Acceptance Criteria:

- No visible holes or cracks may be present in the block or any other major component.
- Cores must not have sustained any damage due to non-operational causes such as fire, rust or mishandling.
- 360° crankshaft rotation must be possible.



DEUTZ® ENGINE QUICK

TIER	MODEL	# OF CYLINDERS	POWER		LENGTH MM	LENGTH INCHES
			POWER kW	MAX TORQUE Nm		
4	D1.2	3	18	65	500	
	D2.2	3	18.4	125	576	
	TD2.2	3	55.4	280	576	
	TCD2.2	3	44.5	205	576	
	D2.9	4	36.4	147	678	
	TD2.9	4	55.4	260	678	
	TCD2.9	4	55.4	300	678	
	TD3.6	4	55.4	330	734	
	TCD3.6 WO/EAT	4	100	500	772	
	TCD4.1	4	115	609	831	
	TCD5.2	4	170	950	850	
	TCD6.1	6	180	1000	1080	
	TCD7.8	6	260	1400	1216	
	TCD9.0	4	300	1700	1061	
	TCD12	6	390	2130	1151	
	TCD13.5	6	450	2800	1390	
TCD16.0	8	520	2890	1325		
TCD18.0	6	620	3600	1546		
3	D2011L02	2	23.1	90	487	
	D2011L03	3	36.4	137	599	
	D2011L04	4	47.5	190	710	
	TD2011L04I	4	57.6	240	722	
	TD2011L04W	4	65	270	731	
	TCD2011L04W	4	74.9	350	730	
	TD2012L04 2V	4	66	350	775	
	TCD2012L04 2V	4	103	520	775	
	TCD2012L06 2V	6	155	810	1108	
	TCD2013L04 2V	4	129	670	961	
	TCD2013L06 2V	6	200	1050	1269	
	TCD2015V06	6	360	2080	1014	
	TCD2015V08	8	480	2800	1203	
	D914L04	4	58	273	855	
	D914L05	5	72.5	337	986	
	D914L06	6	86.5	375	1128	
TCD914L06M	6	129.9	625	1140		
2	F2L2011	2	23	90	487	
	F3L2011	3	35.8	137	599	
	F4L2011	4	47.8	190	710	
	BF4L2011	4	58.1	230	710	
	F2M2011	2	24.2	93	487	
	F3M2011	3	36.5	140	599	
	F4M2011	4	48.5	195	710	
	BF4M2011	4	65	270	718	
	BF4M2012	4	74.9	388	755	
	BF4M2012C	4	103	493	755	
	BF4M1013C MEC	4	106	569	1020	
	BF6M1013C EMR	6	112	569	1020	
	BF4M1013EC	4	118	577	862	
	BF6M1013EC	6	174	854	1146	
	BF6M1015C	6	300	1978	1039	
	BF8M1015C	8	400	2637	1153	
	BF6M1015CP	6	330	1876	1039	
	BF8M1015CP	8	440	2501	1153	
	F4L912	4	59	270	807	
	F5L912	5	68	300	954	
	F6L912	6	82	360	1084	
	F3L914	3	44	202	703	
	F4L914	4	59	270	807	
	F5L914	5	71.7	333	954	
	F6L914	6	89	400	995	
	BF4L914	4	71.7	355	814	
BF6L914	6	118	550	1352		

REFERENCE GUIDE

DIMENSIONS					NET WEIGHT	
LENGTHS	WIDTH MM	WIDTH INCHES	HEIGHT MM	HEIGHT INCHES	Kg	LB
19.7	416	16.4	647	25.5	120	264
22.7	550	21.7	725	28.5	200	441
22.7	578	22.8	754	29.7	215	474
22.7	550	21.7	725	28.5	215	474
26.69	483	19.02	710	27.95	350	770
26.69	554	21.81	705	27.76	350	770
26.69	525	20.67	703	27.68	350	770
28.90	592	23.31	789	31.06	350	770
30.39	637	25.08	790	31.10	350	770
32.72	643	25.31	884	34.80	400	880
33.5	616	24.29	883	34.8	400	882
42.52	723	28.46	948	37.32	720	1584
47.87	842	33.15	1046	41.18	720	1584
41.77	827	32.56	1140	44.88	755	1661
45.31	948	37.32	1169	46.02	955	2101
54.72	853	33.58	1156	45.51	1115	2453
52.17	948	37.32	1171	46.10	1260	2772
60.87	997	39.25	1262	49.69	1950	4290
19.17	460	18.11	683	26.89	175	385
23.58	460	18.11	672	26.46	216	475.2
27.95	483	19.02	722	28.43	270	594
28.43	552	21.73	714	28.11	270	594
28.78	505	19.88	722	28.43	270	594
28.74	505	19.88	722	28.43	270	594
30.51	540	21.26	742	29.21	330	726
30.51	540	21.26	742	29.21	332	730.4
43.62	748	29.45	1102	43.39	506	1113.2
37.83	598	23.54	990	38.98	450	990
49.96	664.1	26.15	981.7	38.65	612	1346.4
39.92	940	37.01	1150	45.28	850	1870
47.36	940	37.01	1150	45.28	1160	2552
33.66	668	26.30	800	31.50	307	675.4
38.82	690	27.17	849	33.43	380	836
44.41	685	26.97	885	34.84	450	990
44.88	714	28.11	1032	40.63	530	1166
19.17	451	17.76	683	26.89	175	385
23.58	451	17.76	678	26.69	216	475.2
27.95	451	17.76	703	27.68	254	558.8
27.95	495	19.49	703	27.68	255	561
19.17	451	17.76	683	26.89	168	369.6
23.58	451	17.76	678	26.69	210	462
27.95	451	17.76	703	27.68	245	539
28.27	553	21.77	703	27.68	247	543.4
29.72	540	21.26	742	29.21	330	726
29.72	540	21.26	742	29.21	332	730.4
40.16	760	29.92	790	31.10	569	1251.8
40.16	760	29.92	790	31.10	569	1251.8
33.94	616	24.25	844	33.23	432	950.4
45.12	622	24.49	852	33.54	572	1258.4
40.91	932	36.69	1174	46.22	830	1826
45.39	955	37.60	1174	46.22	1060	2332
40.91	932	36.69	1174	46.22	830	1826
45.39	955	37.60	1174	46.22	1060	2332
31.77	679	26.73	806	31.73	307	675.4
37.56	679	26.73	833	32.80	380	836
42.68	679	26.73	806	31.73	410	902
27.68	696	27.40	796	31.34	277	609.4
31.77	679	26.73	806	31.73	307	675.4
37.56	679	26.73	833	32.80	380	836
39.17	679	26.73	806	31.73	430	946
32.05	645	25.39	872	34.33	350	770
53.23	714	28.11	994.5	39.15	510	1122

Power in the Process



Every engine core is completely disassembled.

The vast majority of DEUTZ Xchange engines are remanufactured at our Pendergrass, Georgia facility. These engines are made in advance to provide immediate availability, should a customer need an engine right away. In addition to servicing customers all across the Americas, we also have exclusive agreements with highly respected OEM partners.

Here we show just a few highlights of our 300-point reconditioning process.



All parts receive a thorough cleaning and inspection.



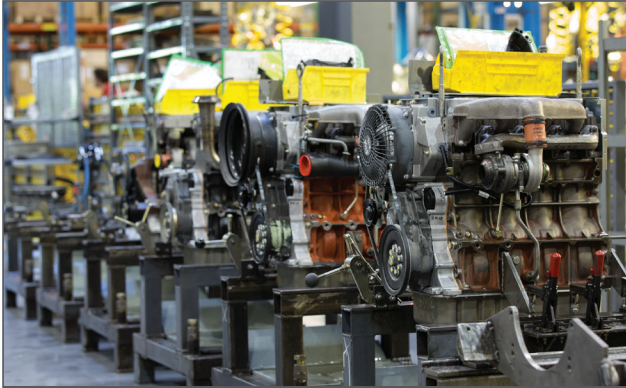
Each reman part is checked carefully and those that make the grade are placed into stock.



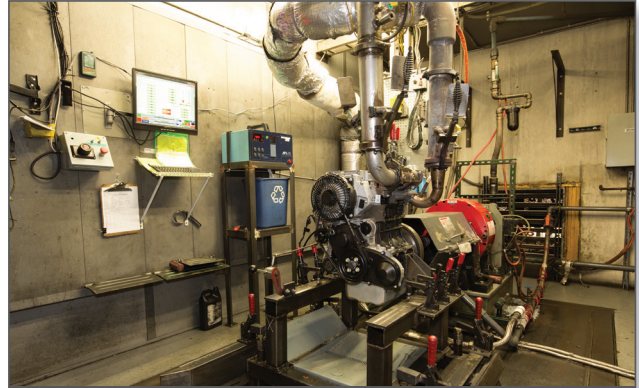
Various machining processes are used in the remanufacturing process.



Xchange engines are built to meet original DEUTZ specifications using an assembly line process.



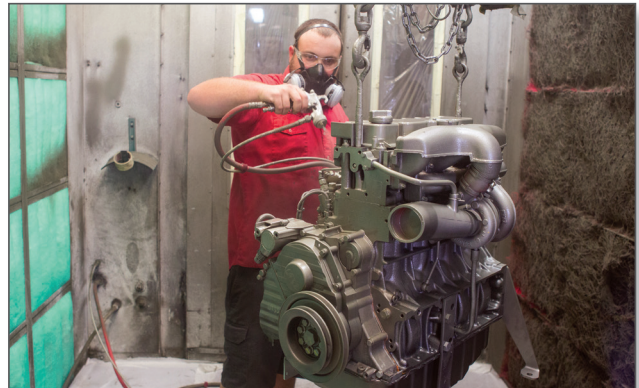
DEUTZ Xchange engines are prepped and ready for testing.



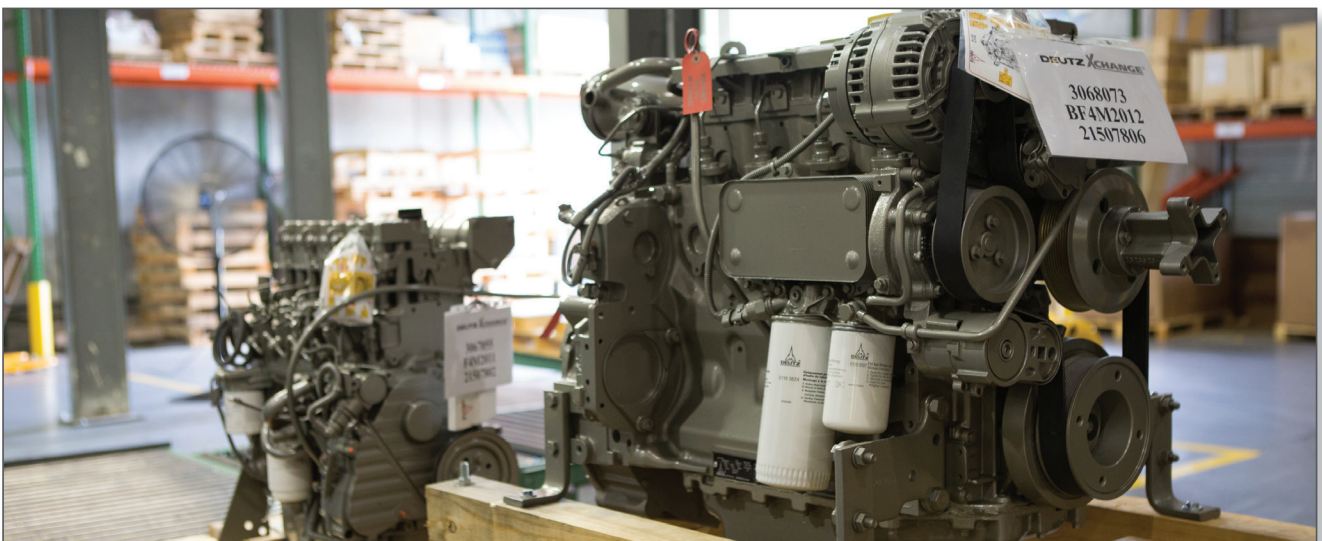
All Xchange engines receive the original stringent factory test according to the latest engineered specifications.



After final dress, engines are steam washed to remove any surface traces of assembly lubricant or residual testing fuel.



Nearing the end of the process, a DEUTZ Xchange engine in the paint booth starts to resemble the finished product.



Engines are placed onto shipping skids. Labels and loose parts are secured, and the engine is transferred into our finished inventory or shipping areas.



**The DEUTZ Xchange Sales Group is ready
to serve your needs.**

DEUTZ Corporation is committed to providing Xchange customers with top-quality service and support.

In fact, the team that supports our remanufactured engines is as solid as the engines themselves.

Backed by decades of experience, the DEUTZ Xchange Sales Group is here to help.

**Your local area DEUTZ distributor or dealer will work with you throughout the entire process,
from the core exchange procedure to the ordering of your engine, and finally
to the inspection and installation of your delivered engine.**

DEUTZ XCHANGE[®]

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