

Phoenix® Off-Road Verified Engine Family List

Model Year	Manufacturer	Engine Family
1997	AB Volvo Penta	VVP12.R6DARA
1997	AB Volvo Penta	VVP5.5R6DARA
1997	AB Volvo Penta	VVP6.7R6DARA
1997	AB Volvo Penta	VVP6.7R6DASA
1997	AB Volvo Penta	VVP9.6R6DASA
1998	AB Volvo Penta	WVPXL05.5AAA
1998	AB Volvo Penta	WVPXL05.5ABA
1998	AB Volvo Penta	WVPXL06.7AAA
1998	AB Volvo Penta	WVPXL06.7ABA
1998	AB Volvo Penta	WVPXL09.6AAA
1998	AB Volvo Penta	WVPXL09.6ABA
1998	AB Volvo Penta	WVPXL09.6ACB
1998	AB Volvo Penta	WVPXL12.0ABA
1999	AB Volvo Penta	XVPXL05.5ABA
1999	AB Volvo Penta	XVPXL06.7AAA
1999	AB Volvo Penta	XVPXL06.7ABA
1999	AB Volvo Penta	XVPXL07.3ABB
1999	AB Volvo Penta	XVPXL07.3ACB
1999	AB Volvo Penta	XVPXL09.6AAA
1999	AB Volvo Penta	XVPXL09.6ABA
1999	AB Volvo Penta	XVPXL09.6ACB
1999	AB Volvo Penta	XVPXL12.0ABA
2000	AB Volvo Penta	YVPXL05.5ABA
2000	AB Volvo Penta	YVPXL06.7AAA
2000	AB Volvo Penta	YVPXL06.7ABA
2000	AB Volvo Penta	YVPXL07.3ABB
2000	AB Volvo Penta	YVPXL07.3ACB
2000	AB Volvo Penta	YVPXL09.6AAA
2000	AB Volvo Penta	YVPXL09.6ABA
2000	AB Volvo Penta	YVPXL09.6ACB
2000	AB Volvo Penta	YVPXL12.0ABA
2001	AB Volvo Penta	1VPXL05.5ABA
2001	AB Volvo Penta	1VPXL06.7AAA
2001	AB Volvo Penta	1VPXL06.7ABA
2001	AB Volvo Penta	1VPXL07.3ABB
2001	AB Volvo Penta	1VPXL07.3ACB
2001	AB Volvo Penta	1VPXL09.6AAA
2001	AB Volvo Penta	1VPXL09.6ABA
2001	AB Volvo Penta	1VPXL09.6ACB
2002	AB Volvo Penta	2VPXL05.5ABA
2002	AB Volvo Penta	2VPXL06.7AAA
2002	AB Volvo Penta	2VPXL06.7ABA
2002	AB Volvo Penta	2VPXL07.3ABB
2002	AB Volvo Penta	2VPXL07.3ACB
2002	AB Volvo Penta	2VPXL09.6AAA
2002	AB Volvo Penta	2VPXL09.6ABA
2002	AB Volvo Penta	2VPXL09.6ACB
2003	AB Volvo Penta	3VPXL07.3ACB
2003	AB Volvo Penta	3VPXL09.6ACB
2004	AB Volvo Penta	4VPXL07.3ACB
2004	AB Volvo Penta	4VPXL09.4ACA

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Model Year	Manufacturer	Engine Family
2004	AB Volvo Penta	4VPXL09.4ACB
2004	AB Volvo Penta	4VPXL09.4ACC
2004	AB Volvo Penta	4VPXL09.6ACB
2004	AB Volvo Penta	4VPXL09.6ACC
2005	AB Volvo Penta	5VPXL07.3ACB
2005	AB Volvo Penta	5VPXL09.4ACA
2005	AB Volvo Penta	5VPXL09.4ACB
2005	AB Volvo Penta	5VPXL09.4ACC
2005	AB Volvo Penta	5VPXL09.6ACB
2006	AB Volvo Penta	6VPXL9.4BAA
2007	AB Volvo Penta	7VPXL09.4BAA
1996	Case	TX9505R6DTRA
1996	Case	TX9505R6DTRB
1996	Case	TX9505R6DTRC
1997	Case	VX9505R6DTRA
1997	Case	VX9505R6DTRB
1997	Case	VX9505R6DTRC
1998	Case	WX9XL0239ABA
1998	Case	WX9XL0239ACA
1998	Case	WX9XL0359AAA
1998	Case	WX9XL0359ABA
1998	Case	WX9XL0505AAA
1998	Case	WX9XL0505ABA
1998	Case	WX9XL0505ABB
1998	Case	WX9XL0505ABC
1998	Case	WX9XL0505ACA
1999	Case	XX9XL0359ABA
1999	Case	XX9XL0505AAA
1999	Case	XX9XL0505ABA
1999	Case	XX9XL0505ABB
1999	Case	XX9XL0505ABC
1999	Case	XX9XL0505ACA
2000	Case	YX9XL0359ABA
2000	Case	YX9XL0359ABB
2000	Case	YX9XL0505ABA
2000	Case	YX9XL0505ABB
2000	Case	YX9XL0505ABC
2000	Case	YX9XL0505ACA
2001	Case	1X9XL0359ABA
2001	Case	1X9XL0505ABA
2001	Case	1X9XL0505ABB
2001	Case	1X9XL0505ABC
2001	Case	1X9XL0505ACA
2001	Case	1X9XL0505ACC
2001	Case	1X9XL0540AAA
2002	Case	2X9XL0359ABA
2002	Case	2X9XL0359ABB
2002	Case	2X9XL0359ABE
2002	Case	2X9XL0505ABA
2002	Case	2X9XL0505ABB
2002	Case	2X9XL0505ABC

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Model Year	Manufacturer	Engine Family
2002	Case	2X9XL0505ABD
2002	Case	2X9XL0505ACA
2002	Case	2X9XL0505ACC
2002	Case	2X9XL0540AAA
1996	Caterpillar	TCP10.RZDBRD
1996	Caterpillar	TCP10.RZDBRF
1996	Caterpillar	TCP10.RZDBRK
1996	Caterpillar	TCP12.RZDBRM
1996	Caterpillar	TCP6.6RZDBRB
1996	Caterpillar	TCP6.6RZDBRC
1996	Caterpillar	TCP7.2RZDBRB
1996	Caterpillar	TCP7.2RZDBRC
1996	Caterpillar	TCP7.2RZDBRK
1997	Caterpillar	VCP10.RZDARD
1997	Caterpillar	VCP10.RZDARG
1997	Caterpillar	VCP10.RZDARK
1997	Caterpillar	VCP12.RZDARM
1997	Caterpillar	VCP442DZDARK
1997	Caterpillar	VCP6.6RZDARC
1997	Caterpillar	VCP7.0RZDARB
1997	Caterpillar	VCP7.2RZDARB
1997	Caterpillar	VCP7.2RZDARC
1997	Caterpillar	VCP7.2RZDARK
1998	Caterpillar	WCPXL06.6MRB
1998	Caterpillar	WCPXL06.6MRC
1998	Caterpillar	WCPXL07.0MRB
1998	Caterpillar	WCPXL07.2HRK
1998	Caterpillar	WCPXL07.2MRB
1998	Caterpillar	WCPXL07.2MRC
1998	Caterpillar	WCPXL10.3ERK
1998	Caterpillar	WCPXL10.5MRD
1998	Caterpillar	WCPXL10.5MRG
1998	Caterpillar	WCPXL12.0ERM
1999	Caterpillar	XCPXL06.6MRC
1999	Caterpillar	XCPXL07.0MRB
1999	Caterpillar	XCPXL07.2HRK
1999	Caterpillar	XCPXL07.2MRB
1999	Caterpillar	XCPXL07.2MRC
1999	Caterpillar	XCPXL10.3ERK
1999	Caterpillar	XCPXL10.5MRD
1999	Caterpillar	XCPXL10.5MRF
1999	Caterpillar	XCPXL10.5MRG
1999	Caterpillar	XCPXL12.0ERM
2000	Caterpillar	YCPXL06.6MRC
2000	Caterpillar	YCPXL07.0MRB
2000	Caterpillar	YCPXL07.2HRK
2000	Caterpillar	YCPXL07.2MRB
2000	Caterpillar	YCPXL10.3ERK
2000	Caterpillar	YCPXL10.5MRD
2000	Caterpillar	YCPXL10.5MRG
2000	Caterpillar	YCPXL12.0ERM

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Model Year	Manufacturer	Engine Family
2001	Caterpillar	1CPXL06.6MRC
2001	Caterpillar	1CPXL07.0MRB
2001	Caterpillar	1CPXL07.2HRK
2001	Caterpillar	1CPXL07.2HSK
2001	Caterpillar	1CPXL08.8HSK
2001	Caterpillar	1CPXL10.3ESK
2001	Caterpillar	1CPXL10.5MRD
2001	Caterpillar	1CPXL10.5MRG
2001	Caterpillar	1CPXL12.0ESK
2002	Caterpillar	2CPXL06.6MRC
2002	Caterpillar	2CPXL07.0MRB
2002	Caterpillar	2CPXL07.2HRK
2002	Caterpillar	2CPXL07.2HSX
2002	Caterpillar	2CPXL08.8HSK
2002	Caterpillar	2CPXL08.8HSX
2002	Caterpillar	2CPXL10.3ESK
2002	Caterpillar	2CPXL10.3ESX
2002	Caterpillar	2CPXL10.5MRD
2002	Caterpillar	2CPXL12.0ESK
2003	Caterpillar	3CPXL06.6MTW
2003	Caterpillar	3CPXL07.2HSK
2003	Caterpillar	3CPXL07.2HSL
2003	Caterpillar	3CPXL08.8HSK
2003	Caterpillar	3CPXL08.8HSL
2003	Caterpillar	3CPXL10.3ESK
2003	Caterpillar	3CPXL10.5MRW
2003	Caterpillar	3CPXL12.0ESK
2004	Caterpillar	4CPXL07.2HSK
2004	Caterpillar	4CPXL07.2HSL
2004	Caterpillar	4CPXL08.8ESK
2004	Caterpillar	4CPXL08.8HSK
2004	Caterpillar	4CPXL08.8HSL
2004	Caterpillar	4CPXL10.3ESK
2004	Caterpillar	4CPXL10.5MRW
2004	Caterpillar	4CPXL11.1ESK
2004	Caterpillar	4CPXL12.0ESK
2004	Caterpillar	4CPXL12.5ESK
2005	Caterpillar	5CPXL07.2ESL
2005	Caterpillar	5CPXL07.2HSK
2005	Caterpillar	5CPXL07.2HSL
2005	Caterpillar	5CPXL08.8ESK
2005	Caterpillar	5CPXL08.8ESL
2005	Caterpillar	5CPXL08.8HSL
2005	Caterpillar	5CPXL10.3ESK
2005	Caterpillar	5CPXL10.5MRW
2005	Caterpillar	5CPXL11.1ESK
2005	Caterpillar	5CPXL12.0ESK
2006	Caterpillar	6CPXL07.2ESL
2006	Caterpillar	6CPXL07.2HSK
2006	Caterpillar	6CPXL08.8ESK
2006	Caterpillar	6CPXL11.1ESK

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2007	Caterpillar	7CPXL07.2ESL
2007	Caterpillar	7CPXL08.8ESK
2007	Caterpillar	7CPXL11.1ESK
2008	Caterpillar	8CPXL07.2ESL
2008	Caterpillar	8CPXL08.8ESK
2008	Caterpillar	8CPXL11.1ESK
2009	Caterpillar	9CPXL07.2ESL
2009	Caterpillar	9CPXL08.8ESK
2009	Caterpillar	9CPXL11.1ESK
2010	Caterpillar	ACPXL07.2ESL
2010	Caterpillar	ACPXL08.8ESK
2010	Caterpillar	ACPXL08.8ESL
2010	Caterpillar	ACPXL08.8ESX
2010	Caterpillar	ACPXL10.3ESL
2010	Caterpillar	ACPXL11.1ESK
2003	CNH Engine Corporation	3X9XL0359AAC
2003	CNH Engine Corporation	3X9XL0505AAB
2003	CNH Engine Corporation	3X9XL0505ABC
2003	CNH Engine Corporation	3X9XL0505ABD
2003	CNH Engine Corporation	3X9XL0505ACC
2003	CNH Engine Corporation	3X9XL0540AAA
2004	CNH Engine Corporation	4X9XL0239AAB
2004	CNH Engine Corporation	4X9XL0239AAB
2004	CNH Engine Corporation	4X9XL0239AAC
2004	CNH Engine Corporation	4X9XL0359AAK
2004	CNH Engine Corporation	4X9XL0359ABE
2004	CNH Engine Corporation	4X9XL0505AAB
2004	CNH Engine Corporation	4X9XL0505ABC
2004	CNH Engine Corporation	4X9XL0505ABD
2004	CNH Engine Corporation	4X9XL0505ACC
2004	CNH Engine Corporation	4X9XL0540AAA
2005	CNH Engine Corporation	5X9XL0239AAB
2005	CNH Engine Corporation	5X9XL0239AAC
2005	CNH Engine Corporation	5X9XL0359AAK
2005	CNH Engine Corporation	5X9XL0359ABE
2005	CNH Engine Corporation	5X9XL0505AAB
2005	CNH Engine Corporation	5X9XL0505AAE
2005	CNH Engine Corporation	5X9XL0505ABC
2005	CNH Engine Corporation	5X9XL0505ABD
2005	CNH Engine Corporation	5X9XL0505ACC
2005	CNH Engine Corporation	5X9XL0540AAA
2005	CNH Engine Corporation	5X9XL0540AAB
2006	CNH Engine Corporation	6X9XL0239AAB
2006	CNH Engine Corporation	6X9XL0239AAC
2006	CNH Engine Corporation	6X9XL0359AAM
2006	CNH Engine Corporation	6X9XL0359ABE
2006	CNH Engine Corporation	6X9XL0505AAE
2006	CNH Engine Corporation	6X9XL0505ABD
2006	CNH Engine Corporation	6X9XL0540AAB
2006	CNH Engine Corporation	6X9XL0540AAC
2007	CNH Engine Corporation	7X9XL0239AAB

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2007	CNH Engine Corporation	7X9XL0505AAE
2007	CNH Engine Corporation	7X9XL0540AAB
2008	CNH Engine Corporation	8X9XL0505AAE
2008	CNH Engine Corporation	8X9XL0540AAB
2008	CNH Engine Corporation	8X9XL0540AAC
2008	CNH Engine Corporation	8X9XL0540AAD
2003	CNH UK Limited	3NHXL06.7DCR
2003	CNH UK Limited	3NHXL06.7DTA
2003	CNH UK Limited	3NHXL07.5B2H
2003	CNH UK Limited	3NHXL07.5B3A
2003	CNH UK Limited	3NHXL07.5B3C
2003	CNH UK Limited	3NHXL07.5B3F
2004	CNH UK Limited	4NHXL06.7DCR
2004	CNH UK Limited	4NHXL07.5B2H
2004	CNH UK Limited	4NHXL07.5B3A
2004	CNH UK Limited	4NHXL07.5B3C
2004	CNH UK Limited	4NHXL07.5B3F
2005	CNH UK Limited	5NHXL06.7DCR
2005	CNH UK Limited	5NHXL07.5B2H
2005	CNH UK Limited	5NHXL07.5B3A
2005	CNH UK Limited	5NHXL07.5B3C
2005	CNH UK Limited	5NHXL07.5B3F
2006	CNH UK Limited	6NHXL06.7DCA
2006	CNH UK Limited	6NHXL06.7DCB
2006	CNH UK Limited	6NHXL06.7DCC
2006	CNH UK Limited	6NHXL06.7DCR
2006	CNH UK Limited	6NHXL07.5B2H
2007	CNH UK Limited	7NHXL04.5DAA
2007	CNH UK Limited	7NHXL04.5DCA
2007	CNH UK Limited	7NHXL06.7DAA
2007	CNH UK Limited	7NHXL06.7DCA
2007	CNH UK Limited	7NHXL06.7DCB
2007	CNH UK Limited	7NHXL06.7DCC
2007	CNH UK Limited	7NHXL06.7DTA
2008	CNH UK Limited	8NHXL04.5DAA
1996	Cummins	TCE359R6DTRA
1996	Cummins	TCE505R6DTRA
1996	Cummins	TCE505R6DTRB
1996	Cummins	TCE505R6DTRC
1996	Cummins	TCE505R6DTRD
1996	Cummins	TCE661RGDTRA
1997	Cummins	VCE359R6DTRB
1997	Cummins	VCE505R6DTRB
1997	Cummins	VCE505R6DTRC
1997	Cummins	VCE505R6DTRD
1997	Cummins	VCE661RGDTRA
1998	Cummins	WCEXL0359AAA
1998	Cummins	WCEXL0359ABA
1998	Cummins	WCEXL0359ABB
1998	Cummins	WCEXL0505AAA
1998	Cummins	WCEXL0505ABA

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1998	Cummins	WCEXL0505ABB
1998	Cummins	WCEXL0505ABC
1998	Cummins	WCEXL0505ACA
1998	Cummins	WCEXL0661AAA
1999	Cummins	XCEXL0359ABA
1999	Cummins	XCEXL0359ABB
1999	Cummins	XCEXL0505AAA
1999	Cummins	XCEXL0505ABA
1999	Cummins	XCEXL0505ABB
1999	Cummins	XCEXL0505ABC
1999	Cummins	XCEXL0505ACA
1999	Cummins	XCEXL0661AAA
1999	Cummins	XCEXL0661AAB
2000	Cummins	YCEXL0359ABA
2000	Cummins	YCEXL0359ABB
2000	Cummins	YCEXL0505AAA
2000	Cummins	YCEXL0505ABA
2000	Cummins	YCEXL0505ABB
2000	Cummins	YCEXL0505ABC
2000	Cummins	YCEXL0505ACA
2000	Cummins	YCEXL0661AAA
2000	Cummins	YCEXL0661AAB
2001	Cummins	1CEXH0359BAV*
2001	Cummins	1CEXL0359ABA
2001	Cummins	1CEXL0359ABB
2001	Cummins	1CEXL0359ABC
2001	Cummins	1CEXL0359ABD
2001	Cummins	1CEXL0505ABA
2001	Cummins	1CEXL0505ABB
2001	Cummins	1CEXL0505ABC
2001	Cummins	1CEXL0505ACA
2001	Cummins	1CEXL0505ACB
2001	Cummins	1CEXL0505ACC
2001	Cummins	1CEXL0505ACE
2001	Cummins	1CEXL0540AAA
2001	Cummins	1CEXL0661AAA
2001	Cummins	1CEXL0661AAB
2001	Cummins	1CEXL0661AAC
2001	Cummins	1CEXL0661AAD
2002	Cummins	2CEXL0239ACA
2002	Cummins	2CEXL0359ABA
2002	Cummins	2CEXL0359ABB
2002	Cummins	2CEXL0359ABC
2002	Cummins	2CEXL0359ABE
2002	Cummins	2CEXL0505ABA
2002	Cummins	2CEXL0505ABB
2002	Cummins	2CEXL0505ABC
2002	Cummins	2CEXL0505ABD
2002	Cummins	2CEXL0505ACA
2002	Cummins	2CEXL0505ACB
2002	Cummins	2CEXL0505ACC

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2002	Cummins	2CEXL0505ACE
2002	Cummins	2CEXL0540AAA
2002	Cummins	2CEXL0661AAA
2002	Cummins	2CEXL0661AAB
2002	Cummins	2CEXL0661AAC
2002	Cummins	2CEXL0661AAD
2003	Cummins	3CEXL0239AAD
2003	Cummins	3CEXL0239AAF
2003	Cummins	3CEXL0275AAA
2003	Cummins	3CEXL0275AAB
2003	Cummins	3CEXL0359AAB
2003	Cummins	3CEXL0359AAC
2003	Cummins	3CEXL0359AAD
2003	Cummins	3CEXL0359ABC
2003	Cummins	3CEXL0359ABE
2003	Cummins	3CEXL0409AAA
2003	Cummins	3CEXL0505ABC
2003	Cummins	3CEXL0505ABD
2003	Cummins	3CEXL0505ACB
2003	Cummins	3CEXL0505ACC
2003	Cummins	3CEXL0540AAA
2003	Cummins	3CEXL0661AAC
2003	Cummins	3CEXL0661AAD
2003	Cummins	3CEXL0661AAE
2004	Cummins	4CEXL0239AAD
2004	Cummins	4CEXL0239AAF
2004	Cummins	4CEXL0275AAB
2004	Cummins	4CEXL0359AAB
2004	Cummins	4CEXL0359AAC
2004	Cummins	4CEXL0359AAD
2004	Cummins	4CEXL0359AAF
2004	Cummins	4CEXL0359AAH
2004	Cummins	4CEXL0359ABC
2004	Cummins	4CEXL0359ABE
2004	Cummins	4CEXL0409AAA
2004	Cummins	4CEXL0505ABC
2004	Cummins	4CEXL0505ABD
2004	Cummins	4CEXL0505ACB
2004	Cummins	4CEXL0505ACC
2004	Cummins	4CEXL0540AAA
2004	Cummins	4CEXL0661AAC
2004	Cummins	4CEXL0661AAD
2004	Cummins	4CEXL0661AAE
2005	Cummins	5CEXL0239AAD
2005	Cummins	5CEXL0239AAF
2005	Cummins	5CEXL0275AAB
2005	Cummins	5CEXL0359AAB
2005	Cummins	5CEXL0359AAC
2005	Cummins	5CEXL0359AAD
2005	Cummins	5CEXL0359AAF
2005	Cummins	5CEXL0359AAG

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2005	Cummins	5CEXL0359AAH
2005	Cummins	5CEXL0359ABC
2005	Cummins	5CEXL0359ABE
2005	Cummins	5CEXL0409AAA
2005	Cummins	5CEXL0409AAB
2005	Cummins	5CEXL0409AAC
2005	Cummins	5CEXL0505AAE
2005	Cummins	5CEXL0505ABC
2005	Cummins	5CEXL0505ABD
2005	Cummins	5CEXL0505ACB
2005	Cummins	5CEXL0540AAA
2005	Cummins	5CEXL0540AAB
2005	Cummins	5CEXL0661AAE
2005	Cummins	5CEXL0661AAF
2006	Cummins	6CEXL0239AAD
2006	Cummins	6CEXL0239AAF
2006	Cummins	6CEXL0275AAB
2006	Cummins	6CEXL0275AAG
2006	Cummins	6CEXL0359AAB
2006	Cummins	6CEXL0359AAC
2006	Cummins	6CEXL0359AAD
2006	Cummins	6CEXL0359AAF
2006	Cummins	6CEXL0359AAN
2006	Cummins	6CEXL0359ABC
2006	Cummins	6CEXL0359ABE
2006	Cummins	6CEXL0409AAB
2006	Cummins	6CEXL0409AAC
2006	Cummins	6CEXL0505AAE
2006	Cummins	6CEXL0505ABD
2006	Cummins	6CEXL0540AAB
2006	Cummins	6CEXL0661AAF
2007	Cummins	7CEXL0275AAB
2007	Cummins	7CEXL0275AAG
2007	Cummins	7CEXL0275AAK
2007	Cummins	7CEXL0409AAB
2007	Cummins	7CEXL0409AAC
2007	Cummins	7CEXL0409AAD
2007	Cummins	7CEXL0505AAE
2007	Cummins	7CEXL0540AAB
2007	Cummins	7CEXL0661AAF
2007	Cummins	7CEXL0661AAJ
2008	Cummins	8CEXL0275AAG
2008	Cummins	8CEXL0275AAK
2008	Cummins	8CEXL0409AAB
2008	Cummins	8CEXL0409AAC
2008	Cummins	8CEXL0409AAD
2008	Cummins	8CEXL0505AAE
2008	Cummins	8CEXL0540AAB
2008	Cummins	8CEXL0661AAF
2008	Cummins	8CEXL0661AAJ
2009	Cummins	9CEXL0275AAG

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2009	Cummins	9CEXL0275AAK
2009	Cummins	9CEXL0409AAB
2009	Cummins	9CEXL0409AAC
2009	Cummins	9CEXL0409AAD
2009	Cummins	9CEXL0505AAE
2009	Cummins	9CEXL0540AAB
2009	Cummins	9CEXL0540AAD
2009	Cummins	9CEXL0661AAF
2009	Cummins	9CEXL0661AAJ
2010	Cummins	ACEXL0275AAG
2010	Cummins	ACEXL0275AAK
2010	Cummins	ACEXL0409AAB
2010	Cummins	ACEXL0409AAD
2010	Cummins	ACEXL0505AAE
2010	Cummins	ACEXL0540AAB
2010	Cummins	ACEXL0540AAC
2010	Cummins	ACEXL0540AAD
2010	Cummins	ACEXL0661AAF
2010	Cummins	ACEXL0661AAJ
1997	Daewoo	VDW11.R6DARA
1998	Daewoo	WDWXL11.1AHT
1998	Daewoo	WDWXL11.1BHT
1998	Daewoo	WDWXL11.1BIA
1999	Daewoo	XDWXL11.1BHT
1999	Daewoo	XDWXL11.1BIA
2001	Daewoo	1DWXL11.1BIA
2002	Daewoo	2DWXL11.1BIA
2003	Daewoo	3DWXL05.8COA
2003	Daewoo	3DWXL08.1CPA
2003	Daewoo	3DWXL11.1DJA
2004	Daewoo	4DWXL05.8COA
2004	Daewoo	4DWXL05.8CRN
2004	Daewoo	4DWXL08.1CPA
2004	Daewoo	4DWXL11.1BIA
2004	Daewoo	4DWXL11.1DJA
2005	Daewoo	5DWXL05.8COA
2005	Daewoo	5DWXL08.1CPA
2005	Daewoo	5DWXL11.1BIA
2005	Daewoo	5DWXL11.1DJA
1998	Daimler-Benz	WMBXL6.37DJA
1999	Daimler-Benz	XMBXL12.0RJA
1997	DaimlerChrysler	VMB13.R6DARA
1997	DaimlerChrysler	VMB15.R6DARA
1997	DaimlerChrysler	VMB22.R6DARA
1999	DaimlerChrysler	XMBXL12.9R6A
1999	DaimlerChrysler	XMBXL14.6R6A
1999	DaimlerChrysler	XMBXL21.9R6A
1999	DaimlerChrysler	XMBXL6.37RJA
2000	DaimlerChrysler	YMBXL12.0RJA
2000	DaimlerChrysler	YMBXL12.0RJB
2000	DaimlerChrysler	YMBXL12.9R6A

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Model Year	Manufacturer	Engine Family
2000	DaimlerChrysler	YMBXL14.6R6A
2000	DaimlerChrysler	YMBXL21.9R6A
2000	DaimlerChrysler	YMBXL6.37RJA
2001	DaimlerChrysler	1MBXL12.0RJB
2001	DaimlerChrysler	1MBXL12.0RJC
2001	DaimlerChrysler	1MBXL12.9R6A
2001	DaimlerChrysler	1MBXL14.6R6A
2001	DaimlerChrysler	1MBXL21.9R6A
2001	DaimlerChrysler	1MBXL6.37RJA
2001	DaimlerChrysler	1MBXL6.37RJB
2001	DaimlerChrysler	1MBXL7.20RJA
2002	DaimlerChrysler	2MBXL12.0RJB
2002	DaimlerChrysler	2MBXL12.0RJC
2003	DaimlerChrysler	3MBXL12.0RJB
2003	DaimlerChrysler	3MBXL12.0RJC
2003	DaimlerChrysler	3MBXL4.25RJB
2003	DaimlerChrysler	3MBXL6.37RJB
2003	DaimlerChrysler	3MBXL7.20RJA
2004	DaimlerChrysler	4MBXL12.0RJB
2004	DaimlerChrysler	4MBXL12.0RJC
2004	DaimlerChrysler	4MBXL4.25RJB
2004	DaimlerChrysler	4MBXL6.37RJB
2004	DaimlerChrysler	4MBXL7.20RJA
2005	DaimlerChrysler	5MBXL12.0RJB
2005	DaimlerChrysler	5MBXL12.0RJC
2005	DaimlerChrysler	5MBXL4.25RJB
2005	DaimlerChrysler	5MBXL6.37RJB
2005	DaimlerChrysler	5MBXL7.20RJA
2006	DaimlerChrysler	6MBXL4.25RJB
2006	DaimlerChrysler	6MBXL7.20RJA
2007	DaimlerChrysler	7MBXL15.9RJA
2008	DaimlerChrysler	8MBXL07.2RJA
2008	DaimlerChrysler	8MBXL15.9RJA
2009	DaimlerChrysler	9MBXL07.2RJA
2010	DaimlerChrysler	AMBXL07.2RJA
2010	DaimlerChrysler	AMBXL15.9RJA
1996	Deere	TJD10.R6DBRA
1996	Deere	TJD10.R6DBRB
1996	Deere	TJD10.RJDBRA
1996	Deere	TJD10.RJDBRB
1996	Deere	TJD6.8R6DBRC
1996	Deere	TJD6.8R6DBRD
1996	Deere	TJD7.6R6DBRA
1996	Deere	TJD7.6R6DBRB
1996	Deere	TJD8.1R6DBRA
1996	Deere	TJD8.1R6DBRB
1996	Deere	TJD8.1R6DBRC
1997	Deere	VJD10.R6DBRA
1997	Deere	VJD10.R6DBRB
1997	Deere	VJD10.RJDBRA
1997	Deere	VJD10.RJDBRB

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Model Year	Manufacturer	Engine Family
1997	Deere	VJD6.8R6DBRA
1997	Deere	VJD6.8R6DBRB
1997	Deere	VJD6.8R6DBRC
1997	Deere	VJD6.8R6DBRD
1997	Deere	VJD7.6R6DBRA
1997	Deere	VJD7.6R6DBRB
1997	Deere	VJD8.1R6DBRA
1997	Deere	VJD8.1R6DBRB
1997	Deere	VJD8.1R6DBRC
1998	Deere	WJDXL06.8012
1998	Deere	WJDXL06.8013
1998	Deere	WJDXL06.8014
1998	Deere	WJDXL06.8015
1998	Deere	WJDXL07.6010
1998	Deere	WJDXL07.6011
1998	Deere	WJDXL08.1007
1998	Deere	WJDXL08.1008
1998	Deere	WJDXL08.1009
1998	Deere	WJDXL10.1005
1998	Deere	WJDXL10.1006
1998	Deere	WJDXL10.5003
1998	Deere	WJDXL10.5004
1999	Deere	XJDXL06.8012
1999	Deere	XJDXL06.8013
1999	Deere	XJDXL06.8014
1999	Deere	XJDXL06.8015
1999	Deere	XJDXL08.1007
1999	Deere	XJDXL08.1008
1999	Deere	XJDXL08.1009
1999	Deere	XJDXL08.1019
1999	Deere	XJDXL08.1024
1999	Deere	XJDXL10.1006
1999	Deere	XJDXL10.5003
1999	Deere	XJDXL10.5004
1999	Deere	XJDXL10.5022
2000	Deere	YJDXL06.8012
2000	Deere	YJDXL06.8013
2000	Deere	YJDXL06.8014
2000	Deere	YJDXL06.8015
2000	Deere	YJDXL08.1007
2000	Deere	YJDXL08.1008
2000	Deere	YJDXL08.1009
2000	Deere	YJDXL08.1019
2000	Deere	YJDXL08.1024
2000	Deere	YJDXL10.1006
2000	Deere	YJDXL10.5004
2000	Deere	YJDXL10.5022
2001	Deere	1JDXL06.8012
2001	Deere	1JDXL06.8013
2001	Deere	1JDXL06.8038
2001	Deere	1JDXL06.8039

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Model Year	Manufacturer	Engine Family
2001	Deere	1JDXL08.1007
2001	Deere	1JDXL08.1008
2001	Deere	1JDXL08.1009
2001	Deere	1JDXL08.1019
2001	Deere	1JDXL08.1024
2001	Deere	1JDXL08.1036
2001	Deere	1JDXL08.1037
2002	Deere	2JDXL06.8012
2002	Deere	2JDXL06.8013
2002	Deere	2JDXL06.8038
2002	Deere	2JDXL06.8039
2002	Deere	2JDXL06.8049
2002	Deere	2JDXL08.1007
2002	Deere	2JDXL08.1008
2002	Deere	2JDXL08.1009
2002	Deere	2JDXL08.1019
2002	Deere	2JDXL08.1024
2002	Deere	2JDXL08.1036
2002	Deere	2JDXL08.1037
2002	Deere	2JDXL08.1045
2003	Deere	3JDXL06.8038
2003	Deere	3JDXL06.8039
2003	Deere	3JDXL06.8041
2003	Deere	3JDXL06.8044
2003	Deere	3JDXL06.8048
2003	Deere	3JDXL06.8049
2003	Deere	3JDXL06.8052
2003	Deere	3JDXL06.8053
2003	Deere	3JDXL08.1037
2003	Deere	3JDXL08.1045
2003	Deere	3JDXL08.1058
2003	Deere	3JDXL08.1059
2004	Deere	4JDXL06.8038
2004	Deere	4JDXL06.8039
2004	Deere	4JDXL06.8039
2004	Deere	4JDXL06.8041
2004	Deere	4JDXL06.8044
2004	Deere	4JDXL06.8048
2004	Deere	4JDXL06.8049
2004	Deere	4JDXL06.8052
2004	Deere	4JDXL06.8053
2004	Deere	4JDXL06.8072
2004	Deere	4JDXL08.1037
2004	Deere	4JDXL08.1045
2004	Deere	4JDXL08.1058
2004	Deere	4JDXL08.1059
2005	Deere	5JDXL06.8038
2005	Deere	5JDXL06.8039
2005	Deere	5JDXL06.8041
2005	Deere	5JDXL06.8044
2005	Deere	5JDXL06.8048

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Model Year	Manufacturer	Engine Family
2005	Deere	5JDXL06.8049
2005	Deere	5JDXL06.8052
2005	Deere	5JDXL06.8053
2005	Deere	5JDXL06.8072
2005	Deere	5JDXL06.8078
2005	Deere	5JDXL06.8080
2005	Deere	5JDXL06.8084
2005	Deere	5JDXL08.1037
2005	Deere	5JDXL08.1045
2005	Deere	5JDXL08.1058
2005	Deere	5JDXL08.1059
2006	Deere	6JDXL06.8038
2006	Deere	6JDXL06.8039
2006	Deere	6JDXL06.8041
2006	Deere	6JDXL06.8044
2006	Deere	6JDXL06.8048
2006	Deere	6JDXL06.8049
2006	Deere	6JDXL06.8052
2006	Deere	6JDXL06.8078
2006	Deere	6JDXL06.8080
2006	Deere	6JDXL06.8084
2006	Deere	6JDXL06.8104
2006	Deere	6JDXL06.8105
2006	Deere	6JDXL08.1037
2007	Deere	7JDXL06.8038
2007	Deere	7JDXL06.8039
2007	Deere	7JDXL06.8041
2007	Deere	7JDXL06.8044
2007	Deere	7JDXL06.8048
2007	Deere	7JDXL06.8049
2007	Deere	7JDXL06.8078
2007	Deere	7JDXL06.8080
2007	Deere	7JDXL06.8084
2007	Deere	7JDXL06.8104
2007	Deere	7JDXL06.8105
2007	Deere	7JDXL08.1037
2008	Deere	8JDXL06.8038
2008	Deere	8JDXL06.8039
2008	Deere	8JDXL06.8041
2008	Deere	8JDXL06.8049
2008	Deere	8JDXL06.8078
2008	Deere	8JDXL06.8080
2008	Deere	8JDXL06.8104
2008	Deere	8JDXL06.8105
2008	Deere	8JDXL08.1037
2008	Deere	8JDXL09.0114
2009	Deere	9JDXL06.8049
2009	Deere	9JDXL06.8080
2009	Deere	9JDXL06.8104
2009	Deere	9JDXL06.8105
2009	Deere	9JDXL08.1037

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Model Year	Manufacturer	Engine Family
2009	Deere	9JDXL09.0114
2010	Deere	AJDXL06.8049
2010	Deere	AJDXL06.8078
2010	Deere	AJDXL06.8080
2010	Deere	AJDXL06.8104
2010	Deere	AJDXL06.8105
2010	Deere	AJDXL06.8117
2010	Deere	AJDXL08.1037
2010	Deere	AJDXL09.0114
1996	Detroit Diesel Corporation	TDD11.TJDARE
1996	Detroit Diesel Corporation	TDD8.5TJDARE
1997	Detroit Diesel Corporation	VDD11.TJDARE
1997	Detroit Diesel Corporation	VDD8.5TJDARE
1998	Detroit Diesel Corporation	WDDXL08.5TJD
1998	Detroit Diesel Corporation	WDDXL11.1THD
1998	Detroit Diesel Corporation	WMUXL12.0G2V
1999	Detroit Diesel Corporation	XDDXL08.5TJD
1999	Detroit Diesel Corporation	XDDXL11.1THD
2000	Detroit Diesel Corporation	YDDXL08.5TJD
2000	Detroit Diesel Corporation	YDDXL11.1THD
2001	Detroit Diesel Corporation	1DDXL08.5TJD
2001	Detroit Diesel Corporation	1DDXL08.5YJD
2002	Detroit Diesel Corporation	2DDXL08.5YJD
2003	Detroit Diesel Corporation	3DDXL08.5YJD
2004	Detroit Diesel Corporation	4DDXL08.5YJD
2005	Detroit Diesel Corporation	5DDXL08.5YJD
2007	Detroit Diesel Corporation	7DDXL7.20RJA
1996	Deutz	TDZ7.1R6DARA
1996	Deutz	TDZ7.1R6DARB
1997	Deutz	VDZ7.1R6DARA
1997	Deutz	VDZ7.1R6DARB
1998	Deutz	WDZXL07.1003
1998	Deutz	WDZXL07.1004
1998	Deutz	WDZXL15.9002
1999	Deutz	XDZXL07.1004
1999	Deutz	XDZXL07.1005
1999	Deutz	XDZXL15.9002
1999	Deutz	XDZXL15.9003
2000	Deutz	YDZXL07.1004
2000	Deutz	YDZXL07.1005
2000	Deutz	YDZXL15.9002
2000	Deutz	YDZXL15.9003
2001	Deutz	1DZXL07.1004
2001	Deutz	1DZXL07.1005
2001	Deutz	1DZXL15.9002
2001	Deutz	1DZXL15.9003
2002	Deutz	2DZXL06.1028
2002	Deutz	2DZXL07.1004
2002	Deutz	2DZXL07.1005
2002	Deutz	2DZXL07.1032
2002	Deutz	2DZXL15.9002

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Model Year	Manufacturer	Engine Family
2002	Deutz	2DZXL15.9003
2003	Deutz	3DZXL05.7019
2003	Deutz	3DZXL05.7033
2003	Deutz	3DZXL06.1028
2003	Deutz	3DZXL07.1032
2003	Deutz	3DZXL07.1034
2003	Deutz	3DZXL15.9002
2004	Deutz	4DZXL05.7019
2004	Deutz	4DZXL05.7033
2004	Deutz	4DZXL06.1028
2004	Deutz	4DZXL06.1038
2004	Deutz	4DZXL06.5036
2004	Deutz	4DZXL06.5037
2004	Deutz	4DZXL07.1032
2004	Deutz	4DZXL07.1034
2004	Deutz	4DZXL15.9002
2005	Deutz	5DZXL05.7019
2005	Deutz	5DZXL05.7033
2005	Deutz	5DZXL06.1028
2005	Deutz	5DZXL06.1038
2005	Deutz	5DZXL06.5036
2005	Deutz	5DZXL06.5037
2005	Deutz	5DZXL06.5042
2005	Deutz	5DZXL07.1032
2005	Deutz	5DZXL07.1034
2005	Deutz	5DZXL15.9002
2006	Deutz	6DZXL05.7019
2006	Deutz	6DZXL05.7033
2006	Deutz	6DZXL06.1028
2006	Deutz	6DZXL06.1038
2006	Deutz	6DZXL06.1061
2006	Deutz	6DZXL06.5035
2006	Deutz	6DZXL06.5036
2006	Deutz	6DZXL06.5037
2006	Deutz	6DZXL06.5042
2006	Deutz	6DZXL07.1034
2006	Deutz	6DZXL07.1053
2007	Deutz	7DZXL06.1038
2007	Deutz	7DZXL06.1063
2007	Deutz	7DZXL06.5042
2007	Deutz	7DZXL06.5043
2007	Deutz	7DZXL07.1034
2008	Deutz	8DZXL06.1063
2009	Deutz	9DZXL06.1063
2010	Deutz	ADZXL04.8064
2010	Deutz	ADZXL07.1051
2006	Doosan Infracore	6DWXL05.8COA
2006	Doosan Infracore	6DWXL05.8UTA
2006	Doosan Infracore	6DWXL07.6UPA
2006	Doosan Infracore	6DWXL08.1BDA
2006	Doosan Infracore	6DWXL11.0UJA

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Model Year	Manufacturer	Engine Family
2007	Doosan Infracore	7DWXL05.8UTA
2007	Doosan Infracore	7DWXL07.6UPA
2007	Doosan Infracore	7DWXL11.0UJA
2008	Doosan Infracore	8DWXL05.8UTA
2008	Doosan Infracore	8DWXL07.6UPA
2008	Doosan Infracore	8DWXL11.0UJA
2009	Doosan Infracore	9DICL05.8UTA
2009	Doosan Infracore	9DICL07.6UPA
2009	Doosan Infracore	9DICL11.0UJA
2010	Doosan Infracore	ADICL05.8UTA
2010	Doosan Infracore	ADICL11.0UJA
1999	Hino	XHMXL08.8PTD
2000	Hino	YHMXL06.7HTD
2000	Hino	YHMXL08.8PTD
1996	International	TNV466R6DARA
1996	International	TNV466R6DARB
1996	International	TNV466R6DASC
1996	International	TNV466R6DASD
1996	International	TNV530R6DARA
1996	International	TNV530R6DARB
1996	International	TNV530R6DASC
1996	International	TNV530R6DASD
1996	International	TNV530R8DASE
1997	International	VNV466R6DASC
1997	International	VNV466R6DASD
1997	International	VNV530R6DARA
1997	International	VNV530R6DARB
1997	International	VNV530R6DASC
1997	International	VNV530R6DASD
1997	International	VNV530R8DARA
1997	International	VNV530R8DASC
1997	International	VNV530R8DASE
1998	International	WNVXL0466BNA
1998	International	WNVXL0530ANA
1998	International	WNVXL0530ANB
1998	International	WNVXL0530BNA
1998	International	WNVXL0530BNB
1998	International	WNVXL0530BNC
1998	International	WNVXL0530BND
1999	International	XNVXL0466ANA
1999	International	XNVXL0466BNA
1999	International	XNVXL0530ANA
1999	International	XNVXL0530ANB
1999	International	XNVXL0530ANC
1999	International	XNVXL0530AND
1999	International	XNVXL0530BNA
1999	International	XNVXL0530BNB
1999	International	XNVXL0530BNC
1999	International	XNVXL0530BND
2000	International	YNVXL0466ANA
2000	International	YNVXL0530ANA

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Model Year	Manufacturer	Engine Family
2000	International	YNVXL0530ANB
2000	International	YNVXL0530ANC
2000	International	YNVXL0530AND
2001	International	1NVXL0466ANA
2001	International	1NVXL0530ANA
2001	International	1NVXL0530ANB
2001	International	1NVXL0530ANC
2001	International	1NVXL0530AND
2001	International	1NVXL0530ANE
2001	International	1NVXL0530ANF
2002	International	2NVXL0444ANA
2002	International	2NVXL0466ANA
2002	International	2NVXL0530ANA
2002	International	2NVXL0530ANB
2002	International	2NVXL0530ANC
2002	International	2NVXL0530AND
2002	International	2NVXL0530ANE
2002	International	2NVXL0530ANF
2003	International	3NVXL0365AFA
2003	International	3NVXL0530ANE
2003	International	3NVXL0530ANF
2004	International	4NVXL0365AFA
2004	International	4NVXL0530ANE
2004	International	4NVXL0530ANF
2005	International	5NVXL0365AFA
1997	Isuzu	VSZ9.8R6DARB
1998	Isuzu	WSZXL09.8DTB
1999	Isuzu	XSZXL09.8DTB
2000	Isuzu	YSZXL06.5EXA
2000	Isuzu	YSZXL07.8EXA
2000	Isuzu	YSZXL09.8ATB
2001	Isuzu	1SZXL06.5EXA
2001	Isuzu	1SZXL07.8ATA
2001	Isuzu	1SZXL07.8EXA
2001	Isuzu	1SZXL09.8EXA
2002	Isuzu	2SZXL06.5EXA
2002	Isuzu	2SZXL07.8ATA
2002	Isuzu	2SZXL07.8EXA
2002	Isuzu	2SZXL09.8EXA
2003	Isuzu	3SZXL04.3FTA
2003	Isuzu	3SZXL06.5EXA
2003	Isuzu	3SZXL06.5FTA
2003	Isuzu	3SZXL06.5FXA
2003	Isuzu	3SZXL07.8ETA
2003	Isuzu	3SZXL07.8EXA
2003	Isuzu	3SZXL09.8EXA
2004	Isuzu	4SZXL04.3FTA
2004	Isuzu	4SZXL04.3FTA
2004	Isuzu	4SZXL06.5EXA
2004	Isuzu	4SZXL06.5FTA
2004	Isuzu	4SZXL06.5FXA

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Model Year	Manufacturer	Engine Family
2004	Isuzu	4SZXL06.5FXG
2004	Isuzu	4SZXL06.8ETA
2004	Isuzu	4SZXL07.8EXA
2004	Isuzu	4SZXL09.8EXA
2005	Isuzu	5SZXL04.3FTA
2005	Isuzu	5SZXL04.3FXA
2005	Isuzu	5SZXL06.5EXA
2005	Isuzu	5SZXL06.5FTA
2005	Isuzu	5SZXL06.5FXA
2005	Isuzu	5SZXL06.5FXG
2005	Isuzu	5SZXL07.8ETA
2005	Isuzu	5SZXL07.8EXA
2005	Isuzu	5SZXL09.8EXA
2006	Isuzu	6SZXL04.3FTA
2006	Isuzu	6SZXL04.3FXA
2006	Isuzu	6SZXL06.5FTA
2006	Isuzu	6SZXL06.5FXA
2006	Isuzu	6SZXL06.5FXG
1996	Iveco	TVE7.7R6DARA
1996	Iveco	TVE9.5R6DARA
1996	Iveco	TVE9.5R6DASA
1997	Iveco	VVE7.7R6DARA
1997	Iveco	VVE9.5R6DARA
1997	Iveco	VVE9.5R6DASA
1998	Iveco	WVEXL07.7DAR
1998	Iveco	WVEXL09.5DAR
1998	Iveco	WVEXL09.5DAS
1999	Iveco	XEVXL09.5DAR
1999	Iveco	XVEXL07.7DAR
2000	Iveco	YVEXL07.7DAR
2000	Iveco	YVEXL09.5DAR
2001	Iveco	1VEXL07.7DAR
2001	Iveco	1VEXL07.8CRS
2001	Iveco	1VEXL09.5DAR
2001	Iveco	1VEXL10.3CRS
2002	Iveco	2VEXL05.9DCR
2002	Iveco	2VEXL07.7DAR
2002	Iveco	2VEXL07.8CRS
2002	Iveco	2VEXL10.3CRS
2003	Iveco	3VEXL06.7DCR
2003	Iveco	3VEXL07.8CRS
2003	Iveco	3VEXL10.3CRS
2004	Iveco	4VEXL05.9DGS
2004	Iveco	4VEXL06.7DCR
2004	Iveco	4VEXL07.8CRS
2004	Iveco	4VEXL10.3CRS
2005	Iveco	5VEXL05.9DGS
2005	Iveco	5VEXL06.7DCR
2005	Iveco	5VEXL06.7DGA
2005	Iveco	5VEXL07.8CRS
2005	Iveco	5VEXL10.3CRS

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Model Year	Manufacturer	Engine Family
2005	Iveco	5VEXL10.3TR3
2005	Iveco	5VEXL10.3VGT
2006	Iveco	6VEXL06.7DCA
2006	Iveco	6VEXL06.7DCB
2006	Iveco	6VEXL06.7DCC
2006	Iveco	6VEXL06.7DCR
2006	Iveco	6VEXL06.7DGA
2006	Iveco	6VEXL06.7DGB
2006	Iveco	6VEXL06.7DGS
2006	Iveco	6VEXL08.7TR3
2006	Iveco	6VEXL10.3MLR
2006	Iveco	6VEXL10.3TR3
2007	Iveco	7VEXL04.5DAA
2007	Iveco	7VEXL06.7DAA
2007	Iveco	7VEXL06.7DCA
2007	Iveco	7VEXL06.7DCB
2007	Iveco	7VEXL06.7DCC
2007	Iveco	7VEXL06.7DGB
2007	Iveco	7VEXL06.7DGS
2007	Iveco	7VEXL06.7DTA
2007	Iveco	7VEXL08.7TR3
2007	Iveco	7VEXL10.3MLR
2007	Iveco	7VEXL10.3TR3
2008	Iveco	8VEXL06.7DGB
2008	Iveco	8VEXL06.7DGS
2008	Iveco	8VEXL08.7TR3
2008	Iveco	8VEXL10.3MLR
2008	Iveco	8VEXL10.3TR3
2009	Iveco	9VEXL06.7DGB
2009	Iveco	9VEXL06.7DGS
2009	Iveco	9VEXL08.7TR3
2009	Iveco	9VEXL10.3MLR
2009	Iveco	9VEXL10.3TR3
2006	JCB Power Systems	6JCBL04.4TA1
2008	JCB Power Systems	8JCBL04.4TA8
2008	JCB Power Systems	8JCBL04.4TAE
2009	JCB Power Systems	9JCBL04.4TA7
2009	JCB Power Systems	9JCBL04.4TA8
2009	JCB Power Systems	9JCBL04.4TAE
2010	JCB Power Systems	AJCBL04.4TA7
2010	JCB Power Systems	AJCBL04.4TA8
2010	JCB Power Systems	AJCBL04.4TAE
1996	Komatsu	TKL11.RZDARA
1996	Komatsu	TKL11.RZDARB
1996	Komatsu	TKL11.RZDARC
1997	Komatsu	VKD505R6DTRA
1997	Komatsu	VKD505R6DTRC
1998	Komatsu	WKLXL11.0DA1
1998	Komatsu	WKLXL11.0DB1
1998	Komatsu	WKLXL11.0DC1
1998	Komatsu	WKLXL7.15CB1

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Model Year	Manufacturer	Engine Family
1998	Komatsu	WKLXL7.15CC1
1999	Komatsu	XKLXL11.0DA1
1999	Komatsu	XKLXL11.0DB1
1999	Komatsu	XKLXL11.0DC1
1999	Komatsu	XKLXL7.15CB1
1999	Komatsu	XKLXL7.15CC1
2000	Komatsu	YKLXL0359ABA
2000	Komatsu	YKLXL0505ABB
2000	Komatsu	YKLXL0505ACA
2000	Komatsu	YKLXL11.0DA1
2000	Komatsu	YKLXL11.0DB1
2000	Komatsu	YKLXL11.0DC1
2000	Komatsu	YKLXL11.0DC1
2000	Komatsu	YKLXL7.15CB1
2000	Komatsu	YKLXL7.15CC1
2000	Komatsu	YKLXL7.15CD1
2001	Komatsu	1KLXL0359ABA
2001	Komatsu	1KLXL0359ABC
2001	Komatsu	1KLXL0505ABB
2001	Komatsu	1KLXL0505ACA
2001	Komatsu	1KLXL11.0DA1
2001	Komatsu	1KLXL11.0DB1
2001	Komatsu	1KLXL11.0DC1
2001	Komatsu	1KLXL11.0DD3
2001	Komatsu	1KLXL11.0DD4
2001	Komatsu	1KLXL7.15CB1
2001	Komatsu	1KLXL7.15CC1
2001	Komatsu	1KLXL7.15CD1
2002	Komatsu	2KLXL0239ACA
2002	Komatsu	2KLXL0359ABA
2002	Komatsu	2KLXL0359ABC
2002	Komatsu	2KLXL0505ABB
2002	Komatsu	2KLXL0505ABD
2002	Komatsu	2KLXL0505ACA
2002	Komatsu	2KLXL11.0DA1
2002	Komatsu	2KLXL11.0DB1
2002	Komatsu	2KLXL11.0DC1
2002	Komatsu	2KLXL11.0DC3
2002	Komatsu	2KLXL11.0DD3
2002	Komatsu	2KLXL11.0DD4
2002	Komatsu	2KLXL11.0DD5
2002	Komatsu	2KLXL11.0DD6
2002	Komatsu	2KLXL7.15CB1
2002	Komatsu	2KLXL7.15CC1
2002	Komatsu	2KLXL7.15CD1
2003	Komatsu	3KLXL0239AAD
2003	Komatsu	3KLXL0239AAF
2003	Komatsu	3KLXL0359AAB
2003	Komatsu	3KLXL0359ABC
2003	Komatsu	3KLXL0505ABD
2003	Komatsu	3KLXL11.0DC3

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Model Year	Manufacturer	Engine Family
2003	Komatsu	3KLXL11.0DD3
2003	Komatsu	3KLXL11.0DD5
2004	Komatsu	4KLXL0239AAD
2004	Komatsu	4KLXL0239AAF
2004	Komatsu	4KLXL0359AAB
2004	Komatsu	4KLXL0359ABC
2004	Komatsu	4KLXL0505ABC
2004	Komatsu	4KLXL0505ABD
2004	Komatsu	4KLXL11.0DC3
2004	Komatsu	4KLXL11.0DD3
2004	Komatsu	4KLXL11.0DD5
2005	Komatsu	5KLXL0239AAD
2005	Komatsu	5KLXL0239AAF
2005	Komatsu	5KLXL0359AAB
2005	Komatsu	5KLXL0359AAL
2005	Komatsu	5KLXL0359ABC
2005	Komatsu	5KLXL0409AAB
2005	Komatsu	5KLXL0409AAC
2005	Komatsu	5KLXL0505AAE
2005	Komatsu	5KLXL0505ABC
2005	Komatsu	5KLXL0505ABD
2005	Komatsu	5KLXL11.0DC3
2005	Komatsu	5KLXL11.0DD3
2005	Komatsu	5KLXL11.0DD5
2006	Komatsu	6KLXL0239AAD
2006	Komatsu	6KLXL0239AAF
2006	Komatsu	6KLXL0275AAG
2006	Komatsu	6KLXL0359AAB
2006	Komatsu	6KLXL0359AAL
2006	Komatsu	6KLXL0359ABC
2006	Komatsu	6KLXL0409AAB
2006	Komatsu	6KLXL0409AAC
2006	Komatsu	6KLXL0505AAE
2006	Komatsu	6KLXL0505ABD
2007	Komatsu	7KLXL0275AAG
2007	Komatsu	7KLXL0409AAB
2007	Komatsu	7KLXL0409AAC
2007	Komatsu	7KLXL0505AAE
2008	Komatsu	8KLXL0275AAG
2008	Komatsu	8KLXL0409AAB
2008	Komatsu	8KLXL0409AAC
2008	Komatsu	8KLXL0505AAE
2009	Komatsu	9KLXL0275AAG
2009	Komatsu	9KLXL0409AAB
2009	Komatsu	9KLXL0409AAC
2009	Komatsu	9KLXL0505AAE
2010	Komatsu	AKLXL0275AAG
2010	Komatsu	AKLXL0409AAB
2010	Komatsu	AKLXL0409AAC
2010	Komatsu	AKLXL0505AAE
1996	Komatsu Dresser	TKD505R6DTRA

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Model Year	Manufacturer	Engine Family
1996	Komatsu Dresser	TKD505R6DTRC
1998	Komatsu Dresser	WKDXL0239ABA
1998	Komatsu Dresser	WKDXL0239ACA
1998	Komatsu Dresser	WKDXL0359AAA
1998	Komatsu Dresser	WKDXL0359ABA
1998	Komatsu Dresser	WKDXL0505AAA
1998	Komatsu Dresser	WKDXL0505ABB
1999	Komatsu Dresser	XKDXL0359ABA
1999	Komatsu Dresser	XKDXL0505AAA
1999	Komatsu Dresser	XKDXL0505ABB
1999	Komatsu Dresser	XKDXL0505ACA
2010	Kubota	AKBXL03.8AHD
1996	Liebherr Machines Bulle SA	TLH9.9R6DARA
1996	Liebherr Machines Bulle SA	TLH9.9R6DASA
1997	Liebherr Machines Bulle SA	VLH9.9R6DARA
1997	Liebherr Machines Bulle SA	VLH9.9R6DASA
1998	Liebherr Machines Bulle SA	WLHAL9.96ARA
1998	Liebherr Machines Bulle SA	WLHAL9.96ASA
1998	Liebherr Machines Bulle SA	WLHAL9.96ATA
1999	Liebherr Machines Bulle SA	XLHAL9.96ARA
1999	Liebherr Machines Bulle SA	XLHAL9.96ASA
1999	Liebherr Machines Bulle SA	XLHAL9.96ATA
2000	Liebherr Machines Bulle SA	YLHAL9.96ARA
2000	Liebherr Machines Bulle SA	YLHAL9.96ASA
2000	Liebherr Machines Bulle SA	YLHAL9.96ATA
2001	Liebherr Machines Bulle SA	1LHAL9.96ARA
2001	Liebherr Machines Bulle SA	1LHAL9.96ASA
2001	Liebherr Machines Bulle SA	1LHAL9.96ATA
2001	Liebherr Machines Bulle SA	1LHAL9.96AUA
2002	Liebherr Machines Bulle SA	2LHAL9.96ARA
2002	Liebherr Machines Bulle SA	2LHAL9.96ASA
2002	Liebherr Machines Bulle SA	2LHAL9.96ATA
2002	Liebherr Machines Bulle SA	2LHAL9.96AUA
2003	Liebherr Machines Bulle SA	3LHAL9.96ARA
2003	Liebherr Machines Bulle SA	3LHAL9.96ASA
2003	Liebherr Machines Bulle SA	3LHAL9.96ATA
2003	Liebherr Machines Bulle SA	3LHAL9.96AUA
2004	Liebherr Machines Bulle SA	4LHAL9.96ARA
2004	Liebherr Machines Bulle SA	4LHAL9.96ASA
2004	Liebherr Machines Bulle SA	4LHAL9.96ATA
2004	Liebherr Machines Bulle SA	4LHAL9.96AUA
2005	Liebherr Machines Bulle SA	5LHAL10.5LPA
2005	Liebherr Machines Bulle SA	5LHAL9.96ARA
2005	Liebherr Machines Bulle SA	5LHAL9.96ASA
2005	Liebherr Machines Bulle SA	5LHAL9.96ATA
2005	Liebherr Machines Bulle SA	5LHAL9.96AUA
2006	Liebherr Machines Bulle SA	6LHAK9.96ASA
2006	Liebherr Machines Bulle SA	6LHAL10.5LPA
2006	Liebherr Machines Bulle SA	6LHAL12.0KPA
2006	Liebherr Machines Bulle SA	6LHAL9.54SPA
2006	Liebherr Machines Bulle SA	6LHAL9.96ARA

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Model Year	Manufacturer	Engine Family
2006	Liebherr Machines Bulle SA	6LHAL9.96ATA
2007	Liebherr Machines Bulle SA	7LHAL10.5LPA
2007	Liebherr Machines Bulle SA	7LHAL12.0KPA
2007	Liebherr Machines Bulle SA	7LHAL9.54SPA
2008	Liebherr Machines Bulle SA	8LHAL10.5LPA
2008	Liebherr Machines Bulle SA	8LHAL12.0KPA
2008	Liebherr Machines Bulle SA	8LHAL9.54SPA
2009	Liebherr Machines Bulle SA	9LHAL10.5LPA
2009	Liebherr Machines Bulle SA	9LHAL12.0KPA
2009	Liebherr Machines Bulle SA	9LHAL9.54SPA
2010	Liebherr Machines Bulle SA	ALHAL10.5LPA
2010	Liebherr Machines Bulle SA	ALHAL12.0KPA
2010	Liebherr Machines Bulle SA	ALHAL9.54SPA
1996	Mercedes-Benz	TMB13.R6DARA
1996	Mercedes-Benz	TMB15.R6DARA
1996	Mercedes-Benz	TMB22.R6DARA
1998	Mercedes-Benz	WMBXL12.9R6A
1998	Mercedes-Benz	WMBXL14.6R6A
1998	Mercedes-Benz	WMBXL21.9R6A
1998	Mercedes-Benz	WMBXL5.96R6B
2002	Mitsubishi Fuso	2MFTL05.8D3B
2003	Mitsubishi Fuso	3MFTL03.9D3A
2003	Mitsubishi Fuso	3MFTL05.8D3A
2003	Mitsubishi Fuso	3MFTL05.8D3B
2003	Mitsubishi Fuso	3MFTL07.5D6A
2003	Mitsubishi Fuso	3MFTL07.5D6D
2003	Mitsubishi Fuso	3MFTL07.5D6E
2003	Mitsubishi Fuso	3MFTL07.5D6E
2004	Mitsubishi Fuso	4MFTL03.9D3A
2004	Mitsubishi Fuso	4MFTL05.8D3A
2004	Mitsubishi Fuso	4MFTL05.8D3B
2004	Mitsubishi Fuso	4MFTL07.5D6A
2004	Mitsubishi Fuso	4MFTL07.5D6D
2004	Mitsubishi Fuso	4MFTL07.5D6E
2004	Mitsubishi Fuso	4MFTL11.9D2A
2005	Mitsubishi Fuso	5MFTL03.9D3A
2005	Mitsubishi Fuso	5MFTL05.8D3A
2005	Mitsubishi Fuso	5MFTL05.8D3B
2005	Mitsubishi Fuso	5MFTL07.5D6A
2005	Mitsubishi Fuso	5MFTL07.5D6D
2005	Mitsubishi Fuso	5MFTL07.5D6E
2005	Mitsubishi Fuso	5MFTL11.9D2A
2006	Mitsubishi Fuso	6MFTL03.9D3A
2006	Mitsubishi Fuso	6MFTL05.8D3A
2006	Mitsubishi Fuso	6MFTL07.5D6E
2003	Mitsubishi Heavy Industries	3MVXL05.0DDD
2003	Mitsubishi Heavy Industries	3MVXL06.4DDD
2004	Mitsubishi Heavy Industries	4MVXL05.0DDD
2004	Mitsubishi Heavy Industries	4MVXL06.4DDD
2005	Mitsubishi Heavy Industries	5MVXL05.0DDD
2005	Mitsubishi Heavy Industries	5MVXL06.4DDD

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Model Year	Manufacturer	Engine Family
2006	Mitsubishi Heavy Industries	6MVXL05.0DDD
2006	Mitsubishi Heavy Industries	6MVXL06.4DDD
2006	Mitsubishi Heavy Industries	6MVXL06.4EEE
2007	Mitsubishi Heavy Industries	7MVXL06.4FFF
2008	Mitsubishi Heavy Industries	8MVXL06.4FFF
2009	Mitsubishi Heavy Industries	9MVXL06.4FFF
1996	Mitsubishi Motors	TMT460D6DARA
1996	Mitsubishi Motors	TMT729E6DARC
1997	Mitsubishi Motors	VMT460R6DARA
1997	Mitsubishi Motors	VMT729R6DARC
1998	Mitsubishi Motors	WMTXL07.5D6A
1999	Mitsubishi Motors	XMTXL07.5D6A
1999	Mitsubishi Motors	XMTXL07.5D6C
1999	Mitsubishi Motors	XMTXL11.9D6A
2000	Mitsubishi Motors	YMTXL05.8D3A
2000	Mitsubishi Motors	YMTXL07.5D6A
2000	Mitsubishi Motors	YMTXL07.5D6C
2000	Mitsubishi Motors	YMTXL11.9D2A
2000	Mitsubishi Motors	YMTXL11.9D6A
2001	Mitsubishi Motors	1MTXL05.8D3A
2001	Mitsubishi Motors	1MTXL07.5D6A
2001	Mitsubishi Motors	1MTXL07.5D6C
2001	Mitsubishi Motors	1MTXL11.9D6A
2002	Mitsubishi Motors	2MTXL05.8D3A
2002	Mitsubishi Motors	2MTXL07.5D6A
2002	Mitsubishi Motors	2MTXL07.5D6C
2002	Mitsubishi Motors	2MTXL07.5D6D
2002	Mitsubishi Motors	2MTXL11.9D2C
2002	Mitsubishi Motors	2MTXL11.9D6A
2003	Mitsubishi Motors	3MTXL11.9D2A
1996	New Holland	TNH7.5R6DARA
1997	New Holland	VNH7.5R6DARA
1998	New Holland	WNHXL07.5A3V
1999	New Holland	XNHXL07.5A3V
2000	New Holland	YNHXL07.5A3V
2002	New Holland	2NHXL07.5A3A
2002	New Holland	2NHXL07.5A3F
2001	Perkins	1PKXL05.9YK1
2002	Perkins	2PKXL05.9YK1
2003	Perkins	3PKXL04.4RH2
2003	Perkins	3PKXL04.4RK1
2003	Perkins	3PKXL06.0VK1
2004	Perkins	4PKXL04.4RH2
2004	Perkins	4PKXL04.4RH2
2004	Perkins	4PKXL04.4RK1
2004	Perkins	4PKXL06.0VK1
2005	Perkins	5PKXL04.4RH2
2005	Perkins	5PKXL04.4RK1
2005	Perkins	5PKXL06.0VK1
2005	Perkins	5PKXL06.6PJ1
2005	Perkins	5PKXL06.6PJ2

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Model Year	Manufacturer	Engine Family
2006	Perkins	6PKXL04.4NH1
2006	Perkins	6PKXL04.4NJ1
2006	Perkins	6PKXL04.4RH2
2006	Perkins	6PKXL04.4RK1
2006	Perkins	6PKXL06.0VK1
2006	Perkins	6PKXL06.6PJ1
2006	Perkins	6PKXL06.6PJ2
2007	Perkins	7PKXL04.4NH1
2007	Perkins	7PKXL04.4NJ1
2007	Perkins	7PKXL06.6PJ1
2007	Perkins	7PKXL06.6PJ2
2008	Perkins	8PKXL04.4NH1
2008	Perkins	8PKXL04.4NJ1
2008	Perkins	8PKXL04.4NM1
2008	Perkins	8PKXL06.6PJ1
2008	Perkins	8PKXL06.6PJ2
2009	Perkins	9PKXL04.4NJ1
2009	Perkins	9PKXL04.4NM1
2009	Perkins	9PKXL04.4NM2
2009	Perkins	9PKXL04.4RG3
2009	Perkins	9PKXL04.4RJ3
2009	Perkins	9PKXL06.6PJ1
2009	Perkins	9PKXL06.6PJ2
2010	Perkins	APKXL04.4NJ1
2010	Perkins	APKXL04.4NM1
2010	Perkins	APKXL04.4NM2
2010	Perkins	APKXL04.4RG3
2010	Perkins	APKXL04.4RJ3
2010	Perkins	APKXL06.6PJ1
2010	Perkins	APKXL06.6PJ2
2008	Scania	8Y9XL11.7BBA
2008	Scania	8Y9XL11.7BBB
2009	Scania	9Y9XL11.7BBA
2009	Scania	9Y9XL11.7BBB
2005	Sisu Diesel	5SIDL06.6I2A
2005	Sisu Diesel	5SIDL07.4G4A
2005	Sisu Diesel	5SIDL07.4G4B
2005	Sisu Diesel	5SIDL07.4G5A
2005	Sisu Diesel	5SIDL07.4G5B
2005	Sisu Diesel	5SIDL08.4H4A
2005	Sisu Diesel	5SIDL08.4H5A
2005	Sisu Diesel	5SIDL08.4H5B
2006	Sisu Diesel	6SIDL06.6I2A
2006	Sisu Diesel	6SIDL07.4G4B
2006	Sisu Diesel	6SIDL07.4G4D
2006	Sisu Diesel	6SIDL07.4G5B
2006	Sisu Diesel	6SIDL08.4H5B
2007	Sisu Diesel	7SIDL07.4G4D
2007	Sisu Diesel	7SIDL07.4G5B
2007	Sisu Diesel	7SIDL08.4H5B
2010	VM Motori	AV5XL04.5T60

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Model Year	Manufacturer	Engine Family
1996	Volvo Construction Equipment	TVS12.R6DARA
1996	Volvo Construction Equipment	TVS6.7R6DARA
1996	Volvo Construction Equipment	TVS9.6R6DARA
1997	Volvo Construction Equipment	VVS12.R6DARA
1997	Volvo Construction Equipment	VVS6.7R6DARA
1997	Volvo Construction Equipment	VVS9.6R6DARA
1998	Volvo Construction Equipment	WVSXL06.7CE1
1998	Volvo Construction Equipment	WVSXL09.6CE1
1998	Volvo Construction Equipment	WVSXL12.0CE1
1999	Volvo Construction Equipment	XVSXL06.7CE1
1999	Volvo Construction Equipment	XVSXL09.6CE1
1999	Volvo Construction Equipment	XVSXL12.0CE1
2000	Volvo Construction Equipment	YVSXL06.7CE1
2000	Volvo Construction Equipment	YVSXL09.6CE1
2000	Volvo Construction Equipment	YVSXL12.0CE1
2001	Volvo Construction Equipment	1VSXL06.7CE1
2001	Volvo Construction Equipment	1VSXL09.6CE1
2001	Volvo Construction Equipment	1VSXL09.6CE2
2001	Volvo Construction Equipment	1VSXL12.0CE1
2002	Volvo Construction Equipment	2VSXL06.7CE1
2002	Volvo Construction Equipment	2VSXL09.6CE2
2003	Volvo Construction Equipment	3VSXL09.6CE2
2004	Volvo Construction Equipment	4VSXL09.4CE2
2004	Volvo Construction Equipment	4VSXL09.6CE2
2005	Volvo Construction Equipment	5VSXL09.4CE2
2004	Yanmar	4YDXL4.41K4T
2005	Yanmar	5YDXL4.41K4T
2006	Yanmar	6YDXL4.41K4T
2007	Yanmar	7YDXL4.41K4T