

Attachment 1: Engine Families for the Horizon

Caterpillar

Model Year	Engine Family Name	Series
1994	RCP403DZDAAA	
	RCP403DZDABA	
	RCP629EZDARA	
	RCP638EZDARA	
1995	SCP403DZDAAA	
	SCP403DZDARK	
	SCP403DZDABA	
	SCP442DZDARK	3126
	SCP629EZDARM	
	SCP629EZDARK	
	SCP638EZDARA	
	SCP729EZDARL	C-12
1996	TCP403DZDAAA	3116
	TCP403DZDARK	3116
	TCP403DZDABA	3116
	TCP422DZDARK	3126
	TCP442DZDAAK	3126
	TCP629EZDARK	3176
	TCP629EZDARM	C-10
	TCP638EZDARA	3306C
	TCP729EZDARL	C-12
1997	VCP403DZDAAA	3116
	VCP403DZDABA	
	VCP403DZDARK	3116
	VCP442DZDAAK	3126
	VCP442DZDARK	3126
	VCP638EZDARA	3306C
	VCP629EZDARK	3176
	VCP629EZDARX	C-10
	VCP729EZDARX	C-12
1998	WCPXH0442HRK	3126
	WCPXH0442HSK	3126
	WCPXH0629ERK	C-10
	WCPXH0729ERK	C-12
1999	XCPXH0442HRK	3126
	XCPXH0442HSK	3126
	XCPXH0629ERK	C10
	XCPXH0729ERK	C12

Caterpillar (continued)

Model Year	Engine Family Name	Series
2000	YCPXH0442HRK	3126
	YCPXH0629ERK	C-10
2001	1CPXH0442HAK	3216
	1CPXH0442HRK	3126
	1CPXH0442HBK	3126
	1CPXH0629ERK	C-10
	1CPXH0729ERK	C-12
2002	2CPXH0442HAK	3126
	2CPXH0442HBK	3126
	2CPXH0442HBV	3126
	2CPXH0442HBX	3126
	2CPXH0442HRK	3126
	2CPXH0629ERK	C-10
	2CPXH0629EBX	C10
2003	3CPXH0442HBX	3126
	3CPXH0537H3K	C9
	3CPXH0629EBV	C-10
2004	4CPXH0442HBK	C7
	4CPXH0537HBK	C9
	4CPXH0680EBK	C11
	4CPXH0763EBK	C13
2005	5CPXH0442HBK	C7
	5CPXH0537HBK	C9
	5CPXH0680EBK	C11

Cummins

Model Year	Engine Family Name	Series
1994	RCE359D6DAAB	B5.9
	RCE359D6DAAW	B5.9
	RCE359D6DABW	B5.9
	RCE505D6DAAA	C8.3
	RCE505D6DAAB	C8.3
	RCE505D6DAAC	C8.3
	RCE505F6DAAW	C8.3
	RCE661FJDAAA	M11
	RCE661EJDARW	M11
	RCE661EJDARC	M11
	RCE855EJDASW	N14
1995	SCE359D6DAAA	B5.9
	SCE359D6DAAW	B5.9
	SCE359D6DABW	B5.9
	SCE505D6DAAA	C8.3
	SCE505F6DAAW	C8.3
	SCE505D6DABW	C8.3
	SCE661EJDAAA	M11
	SCE661EJDARA	M11
	SCE661EJDARC	M11
	SCE661EJDARW	M11
	SCE661EJDASW	M11
	SCE661EJDATW	M11
	SCE855EJDASW	N14
	SCE855EJDARA	N14
1996	TCE359D6DAAA	B5.9
	TCE359D6DABW	B5.9
	TCE505D6DAAA	C8.3
	TCE505D6DAAW	C8.3
	TCE505D6DABW	C8.3
	TCE661FJDABA	M11
	TCE661EJDARA	M11
	TCE661EJDARB	M11
	TCE661EJDARC	M11
	TCE661EJDARW	M11
	TCE661EJDASW	M11
	TCE661EJDATW	M11
	TCE855EJDARB	N14
	TCE855EJDASW	N14

Cummins (continued)

Model Year	Engine Family Name	Series
1997	VCE359D6DAAA	403G
	VCE359DJDARA	403J
	VCE505D6DABW	413G
	VCE505D6DAAW	413F
	VCE661FJDABA	353H
	VCE661EJDARB	353F
	VCE661EJDATW	353E
	VCE661EJDASA	353D
	VCE661EJDARC	353I
	VCE855EJDARB	093Y
	VCE855EJDARA	093X
1998	WCEXH0359BAD	ISB
	WCEXH0359BAE	ISB
	WCEXA0359BAH	ISB
	WCEXH0505CAC	ISC
	WCEXH0505CAD	ISC
	WCEXH0505CAE	ISC
	WCEXH0505CAF	ISC
	WCEXH0661MAA	M11
	WCEXH0661MAB	M11
	WCEXH0661MAC	M11
	WCEXH0661MAD	ISM
	WCEXH0661MAE	ISM
	WCEXH0855NAC	N14
1999	XCEXH0359BAI	ISB
	XCEXH0359BAJ	ISB
	XCEXH0359BAK	ISB
	XCEXA0359BAN	ISB
	XCEX0359BAT	ISB
	XCEXH0505CAC	ISC
	XCEXH0505CAD	ISC
	XCEXH0505CAE	ISC
	XCEXH0505CAF	ISC
	XCEXH0661MAC	M11
	XCEXH0661MAH	ISM
	XCEXH0661MAI	ISM
	XCEXH0661MAG	ISM
	XCEXH0855NAF	N14

Cummins (continued)

Model Year	Engine Family Name	Series
2000	YCEXH0359BAI	ISB
	YCEXH0359BAO	ISB
	YCEXH0359BAP	ISB
	YCEXA0359BAZ	ISB
	YCEXH0505CAF	ISC
	YCEXH0505CAG	ISC
	YCEXH0505CAH	ISC
	YCEXH0505CAI	ISC
	YCEXH0540LAA	ISL
	YCEXH0661MAG	ISM
	YCEXH0661MAI	ISM
	YCEXH0855NAF	N14
2001	1CEXH0359BA0	ISB
	1CEXH0359BAU	ISB
	1CEXH0359BAV	ISB
	1CEXA0359BAZ	ISB
	1CEXH0359BBK	B5.9
	1CEXH0505CAM	ISB
	1CEXH0505CAN	ISC
	1CEXH0505CAO	ISC
	1CEXH0505CAP	ISC
	1CEXH0540LAA	ISL
	1CEXH0540LAB	ISL
	1CEXH0540LAC	ISL
	1CEXH0661MAP	ISM
	1CEXH0661MAQ	ISM
	1CEXH0661MAR	ISM
1CEXH0855NAD	N14	
2002	2CEXH0359BAB	ISB
	2CEXA0359BAF	ISB
	2CEXH0359BAO	ISB
	2CEXA0359BAZ	ISB
	2CEXH0505CAM	ISC
	2CEXH0505CAN	ISC
	2CEXH0505CAQ	ISC
	2CEXH0540LAB	ISL
	2CEXH0540LAC	ISL
	2CEXH0661MAP	ISM
	2CEXH0661MAS	ISM

Cummins (continued)

Model Year	Engine Family Name	Series
2003	3CEXA0359BAF	ISB
	3CEXH0359BAG	ISB
	3CEXH0359BAH	ISB
	3CEXH0505CAN	ISC
	3CEXH0505CAQ	ISC
	3CEXH0505CBH	CG
	3CEXH0540LAC	ISL
	3CEXH0661MAT	ISM
	3CEXH0661MAU	ISM
3CEXH0912XAJ	ISX	
2004	4CEXA0359BAE	ISB
	4CEXH0359BAG	ISB
	4CEXH0359BAH	ISB
	4CEXH0505CAR	ISC
	4CEXH0505CAS	ISC
	4CEXH0540LAE	ISL
	4CEXH0661MAU	ISM
4CEXH0912XAJ	ISX	
2005	5CEXH0359BAB	ISB
	5CEXA0359BAE	ISB
	5CEXH0359BAF	ISB
	5CEXH0359BAG	ISB
	5CEXH0359BAH	ISB
	5CEXH0505CAR	ISC
	5CEXH0505CAY	ISC
	5CEXH0505CAX	ISC
	5CEXH0540LAE	ISL
	5CEXH0661MAU	ISM
	5CEXH0912XAJ	ISX

Detroit Diesel Corporation

Model Year	Engine Family Name	Series
1994	RDD8.5FJDABA	Series 50
	RDD8.5EJDARA	Series 50
	RDD8.5EJDARW	Series 50
	RDD11.EJDARA	11.1L
1995	SDD8.5EJDABA	8.5L
	SDD8.5EJDARA	8.5L
	SDD11.EJDARA	11.1L
1996	TDD8.5FJDABA	Series 50
	TDD8.5EJDARA	Series 50
	TDD8.5EJDARW	Series 50
	TDD11.EJDARA	Series 60
	TDD12.EJDATW	Series 55
1997	VDD8.5FJDABA	Series 50
	VDD8.5EJDARA	Series 50
	VDD11.EJDARA	Series 60
	VDD12.EJDATA	Series 55
1998	WDDXH08.5FJC	Series 50
	WDDXH08.5EJD	Series 50
	WDDXH11.1EHD	Series 60
1999	XDDXH08.5EJL	Series 50
	XDDXH08.5FJN	Series 50
	XDDXH11.1EHL	Series 60
2000	YDDXH08.5EJB	Series 50
	YDDXH08.5EJL	Series 50
	YDDXH08.5FJN	Series 50
	YDDXH14.OELL	
2001	1DDXH08.5EJB	Series 50
	1DDXH08.5EJL	Series 50
	1DDXH08.5FJY	Series 50
	1DDXH12.7EGL	Series 55
2002	2DDXH08.5EJL	Series 50
	2DDXH08.5FJY	Series 50
	2DDXH12.7FGN	Series 60
2003	3DDXH08.5FJA	Series 50
	3DDXH12.7EGY	Series 55

Ford

Model Year	Engine Family Name	Series
2001	1NVXH07.3ANC	F-Series
	1NVXA07.3CND	F-Series
	1NVXH07.3ACF	F-Series
2002	2NVXH07.3ANC	F-series
	2NVXA07.3CND	F-series
	2NVXA07.3ACF	F-series
2003	3FMXA07.3ANC	F-series
	3NVXA07.3CND	F-series
	3FMXA07.3ACF	F-series
	3NVXH06.0AEC	F-series
2004	4FMXA06.0AEC	F-series
	4FMXA06.0AED	F-series

General Engine Products

Model Year	Engine Family Name	Series
2001	1GEPH06.5521	L65
	1GEPH06.5CFF	L57
2002	2GEPH06.5CFF	L57
	2GEPH06.5521	L65
	2GEPH06.5527	L65
2003	3GEPH06.5527	L65
	3GEPH06.5CFF	L57
	3GEPH06.5521	L65
2004	4GEPH06.5527	L65

General Motors

Model Year	Engine Family Name	Series
1994	RGM6.5C6DAAA	L65
	RGM6.5C6DAAB	L65
	RGM6.5C6DAAC	L65
1995	SGM6.5C6DAAB	L65
	SGM6.5C6DAAC	L65
	SGM6.5C6DARW	L65
	SGM7.0C5GAAA	
	SGM7.4C5GAEA	
1996	TGM6.5C6DAAA	L65
	TGM6.5C6DABA	L65
	TGM6.5C6DABW	L65
1997	VGM6.5C6DAAA	L65
	VGM6.5C6DABA	L65
	VGM6.5C6DARW	L65
	VGM6.5C6DABW	L65
1998	WGMXH06.5521	L65
	WGMXH06.5522	L65
	WGMXH06.5523	L65
	WGMXH06.5526	L57
1999	XGMXH06.5521	L65
	XGMXH06.5523	L65
	XGMXH06.5526	L57
2000	YGMXH06.5521	L65
	YGMXH06.5524	L59
	YGMXH06.5526	L57
2001	1GMXH06.5521	L65
	1GMXH06.5524	L59
	1GMXH06.5526	L57
2002	2GMXH06.5521	L65
	2GMXH06.5527	L65

Hino

Model Year	Engine Family Name	Series
1994	RHM6.5D7DARW	H06C
1995	SHM6.5D7DARW	H06C
1996	THM6.5D7DARW	H06C
1997	VHM8.0DHDARA	J05C
1998	WHMXH08.0JTR	J05C
1999	XHMXH08.0JTR	J05C
2000	YHMXH05.3JTD	J05C
	YHMXH08.0JTP	J08C
	YHMXH08.0JTR	J08C
2002	2HMXH05.3JTD	J05C
	2HMXH08.0JTP	J08C
	2HMXH08.0JTR	J08C
2003	3HMXH05.3JTD	J05C
	3HMXH08.0JTP	J08C
	3HMXH08.0JTR	J08C
2004	4HMXH07.7JTA	J08E
	4HMXH07.7JTB	J08E
2005	5HMXH07.7JTA	J08E
	5HMXH07.7JTB	J08E

Isuzu

Model Year	Engine Family Name	Series
1994	RSZ3.9CDARW	
1995	SGM5.7C5GAAA	
	SSZ7.1D6DAAA	6HE1X
1996	TSZ7.1D6DAAA	6HE1X
1997	VSZ7.1D6DAAW	6HE1X
	VSZ7.1D6DAAA	6HE1X
1998	WSZXH07.84RA	6HK1X
1999	XSZXH07.84RA	6HK1X
2000	YSZXH07.84RA	6HK1X
2001	1SZXH06.63RK	CK
	1SZXH07.84RA	
2002	2SZXH06.63AK	8GF1
	2SZXH06.64RA	8GF1X
	2SZXH07.84RA	6HK1X
2003	3SZXH06.63AK	663AK-4
	3SZXH06.64RA	8GF1X
	3SZXH07.84AA	6HK1XN
	3SZXH07.84RA	6HK1X
2004	4SZXH05.23AA	4HK1TC
	4SZXH06.63AK	8GF1
	4SZXH06.64AA	8GFI
	4SZXH06.64AW	8GFI
	4SZXH07.84RA	6HK1X
	4SZXH07.84RW	6HK1X
2005	5SZXH05.23AB	4HK1TC
	5SZXH07.84RB	various

Mack

Model Year	Engine Family Name	Series
1994	RMK728EGDARA	E7
1995	SMK728EGDARA	E7, EM7
1996	TMK728EGDARA	E7, EM7
1997	VMK728EGDARA	E7, EM7
1998	WMKXH11.9E53	EM7
	WMKXH11.9E51	E7
2000	YMKXH11.9V57	E7, EM7
2001	1MKXH11.9H56	E7, EM7
	1MKXH11.9V57	E7, EM7
	1MKXH11.9H59	E7
	1MKXH11.9V60	E7
	1MKXH11.9V61	E7
2002	2MKXH11.9H59	E7
	2MKXH11.9V60	E7
	2MKXH11.9V61	EM7
	2MKXH11.9V65	E7
	2MKXH11.9V66	EM7
2003	3MKXH11.9V65	E7
	3MKXH11.9V68	
2004	4MKXH11.9V65	AI
	4MKXH11.9H73	AC
2005	5MKXH11.9V65	AI, AMI
	5MKXH11.9H73	AC
	5MKXH11.9V74	AMI

Mercedes-Benz

Model Year	Engine Family Name	Series
1994	RMB6.0D6DARA	OM366LA
	RMB6.0D6DAAA	OM366LA
1995	SMB6.0D6DARA	OM366LA
	SMB6.0D6DAAA	OM366LA
1999	XMBXH6.37DJA	OM906LA
2000	YMBXH6.37DJA	OM 906 LA
2001	1MBXH6.37DJC	OM 906 LA
	1MBXH6.37DJA	OM 906 LA
	1MBXH12.0DJA	OM 457 LA
2002	2MBXH6.37DJA	OM 906 LA
	2MBXH6.37DJC	OM 906 LA
	2MBXH12.0DJA	OM 457 LA
	2MBXH12.8DJA	OM 460 LA
2003	3MBXH6.37DJA	OM 906 LA
	3MBXH6.37DJC	OM 906 LA
	3MBXH12.0DJA	OM 457 LA
	3MBXH12.8DJA	OM 460 LA
2004	4MBXH6.37DJA	OM 906LA
	4MBXH12.8DJA	OM 460LA

Mitsubishi

Model Year	Engine Family Name	Series
1994	RMT238B7DAAA	
1995	SMT460D7DAAA	6D16T
1996	TMT358D7DBAA	6D24T
	TMT460D7DBAA	6D16T
1997	VMT358D7DBAA	6D24T
	VMT460D7DBAA	6D16T
1999	XMTXH05.8D6A	6D34-1AT
	XMTXH07.5D6A	6D16-3AT
2000	YMTXH05.8D6A	6D34-1AT
	YMTXH07.5D6A	6D16-3AT
2001	1MTXH04.8M5A	4M50-1AT
	1MTXH05.8D6A	6D34-1AT
	1MTXH07.5D6A	6D16-3AT
2002	2MTXH05.8D6A	6D34-1AT
	2MTXH07.5D6A	6D16-3AT
2003	3MTXH05.8D6A	6D34-1AT
	3MTXH07.5D6A	6D16-3AT

Navistar

Model Year	Engine Family Name	Series
1994	RNV7.3C8DAAA	A
	RNV408D6DAAW	
	RNV444C8DABA	A
	RNV466D6DAAA	A
	RNV466D6DARW	
	RNV466D6DASW	DT-466
	RNV466D6D0TW	A
	RNV530D6DAAA	
1995	SNV7.3C8DAAA	A
	SNV444C8DORA	
	SNV444C8DOSA	A
	SNV466D8DARB	DT-466
	SNV466D6DASA	DT-466
	SNV466D8DASB	DT-466
	SNV466D6DATA	A
	SNV466D8DATB	A
	SNV530E6DASA	
	SNV530F6DATA	AB
1996	TNV7.3C8DOAA	A
	TNV444C8DOSA	A
	TNV444C8DORA	A
	TNV466D8DARB	DT-466
	TNV466D6DATB	A
	TNV530D6DARA	A
	TNV530D8DARA	A
	TNV530E6DASA	A
	TNV530E8DASA	A
1997	VNV7.3C8DAAA	A225
	VNV7.3C8DAAW	A225
	VNV444C8DARW	T444E
	VNV444C8DASW	B
	VNV466D6DARA	DT-466
	VNV466D8DARW	DT-466
	VNV466D8DASA	A
	VNV530D8DARA	530E
	VNV530D6DARA	530 MGD
	VNV530E6DASA	530 HVY
	VNV530E8DASA	530E

Navistar (continued)

Model Year	Engine Family Name	Series
1998	WNVXH0444CCB	B
	WNVXH0444CCD	B
	WNVXH0466CCB	A
	WNVXH0466CCD	A
	WNVXH0530CCB	A
	WNVXH0530CCD	A
1999	XNVXH07.3ACA	A
	XNVXH07.3ACB	A
	XNVXH07.3ACC	
	XNVXH07.3ANE	B
	XNVXH07.3ANF	B
	XNVA07.3CCD	
	XNVXA07.3CNJ	B
	XNVXH0444ANA	B
	XNVXH0444ANB	B, BH
	XNVXH0466ANA	
	XNVXH0466ANB	B, BH
	XNVXH0530ANA	B, BH, BL
	XNVXH0530ANB	B, BH, BL
	XNVXH0530ACT	
2000	YNVXH07.3ANA	B
	YNVXH07.3ANC	
	YNVXA07.3CND	
	YNVXH0444ANA	H
	YNVXH0444ANB	B, C
	YNVXH0444ANC	B, BH, C
	YNVXH0444ACT	C
	YNVXH0466ANA	C, CH
	YNVXH0466ANB	C, CH
	YNVXH0530ACT	CT
	YNVXH0530ANA	C, CH
	YNVXH0530ANB	C, CH, CL

Navistar (continued)

Model Year	Engine Family Name	Series
2001	1NVXH07.3ACE	B
	1NVXH07.3ACF	B
	1NVXH07.3ANA	B
	1NVXH07.3ANC	B
	1NVXA07.3CND	B
	1NVXH0444ANA	H
	1NVXH0444ANB	C
	1NVXH0444ANC	B, C
	1NVXH0466ANA	C, CH, CL
	1NVXH0466ANB	C, CH
	1NVXH0530ACT	CT
	1NVXH0530ANA	C, CH
	1NVXH0530ANB	C, CH, CL
	1NVXH0530ATA	CG
2002	2NVXH07.3ACE	
	2NVXA07.3ACF	B
	2NVXH07.3ANA	
	2NVXH07.3ANC	B
	2NVXA07.3CND	B
	2NVXH0365AEA	A
	2NVXH0444ANA	
	2NVXH0444ANB	C
	2NVXH0444ANC	B, C
	2NVXH0466ANA	C, CH, CL
	2NVXH0466ANB	C, CH
	2NVXH0530ACT	CT
	2NVXH0530ANA	C
	2NVXH0530ANB	C, CH, CL
	2NVXH0530ANC	CV
2NVXH0530ATA	CG	

Navistar (continued)

Model Year	Engine Family Name	Series
2003	3NVXH06.0AEA	A
	3NVXH06.0AEC	A
	3NVXA07.3CND	B
	3NVXH0365AEA	A, B
	3NVXH0444ANB	C
	3NVXH0444ANC	B, C
	3NVXH0466ANA	C, CH, CL
	3NVXH0466ANB	C, CH
	3NVXH0530ANA	C
	3NVXH0530ANB	C, CH, CL
	3NVXH0530ANC	CV
	3NVXH0530ATA	CG
2004	4NVXH06.0AED	A
	4NVXH0365AEB	A, B
	4NVXH0466AEA	D, DH
	4NVXH0466AGA	DG
	4NVXH0466ANA	C, CH, CL
	4NVXH0466ANB	C, CH
	4NVXH0530ANA	C, CH
	4NVXH0530ANB	C, CH, CL
	4NVXH0530ANC	CV
	4NVXH0570AEA	D, DH
2005	5NVXH06.0AEC	A
	5NVXH06.0AED	A
	5NVXH0365AEC	A
	5NVXH0466AEA	D
	5NVXH0570AEA	D

Nissan

Model Year	Engine Family Name	Series
1994	RND423D6DAAA	FE6TA
	RND254C6DAAA	TD42TI
1995	SND423D6DAAA	FE6TA
1996	TND423D6DAAA	FE6TA
1997	VND423D6DAAA	FE6TA
1998	WNDXH04.2TAB	TD42TI
	WNDXH06.9FAB	FE6TA
1999	XNDXH06.9FAB	FE6TA
2000	YNDXH06.9FAB	FE6TA
2001	1NDXH06.9FAB	FE6TA
2002	2NDXH06.9FAB	FE6TA
2003	3NDXH06.9FAB	FE6TA

Perkins

Model Year	Engine Family Name	Series
1994	RPK365D6DAAA	Phaser 180Ti
	RPK243C6DAAA	Phaser 110Ti
1995	SPK365D6DAAA	Phaser 180Ti
1996	TPK365D6DAAA	Phaser 180Ti

Renault

Model Year	Engine Family Name	Series
1995	SR3377D6DAAW	MIDR060226
	SR3377D8DABW	MIDR060226
1996	TR3377D8DAAW	MIDR060226
	TR3377D8DABW	MIDR060226
1997	VR3377D8DAAW	MIDR060226
	VR3377D8DABW	MIDR060226
1998	XR3XH0377LWC	MIDR60226
	XR3XH0377KWC	MIDR60226
2000	YR3XH0377KWC	MIDR60226
2002	2R3XH0377BNA	DCI 6
	2R3XH0377CNA	DCI 6

Volvo

Model Year	Engine Family Name	Series
1994	RVT12.EJDBRA	VE D12
	RVT6.7D6DBRA	VE D7
1995	SVT6.7D6DBRA	VE D7
	SVT12.EJDBRA	VE D12
1996	TVT6.7D6DBRA	VE D7
	TVT12.EJDBRA	VE D12
1997	VVT6.7D6DBRA	VE D7
	VVT12.EJDBRA	VE D12
1998	WVTXH07.350S	VE D7
	WVTXH12.150S	VE D12
1999	XVTXH07.350S	VE D7
	XVTXH07.399B	VE D7
	XVTXH12.150S	VE D12
2000	YVTXH07.350S	VE D7
2001	1VTXH07.350S	VE D7
2002	2VTXH07.350S	VE D7