



ESW CleanTech Longview®
CARB Verified Engine Family List
Executive Order DE-08-006
VDEC Family Name CA/ECT/2008/PM3+/N25/ON/LNF01

Model Year	Manufacturer	Engine Family	Displacement (L)		Original Equipment	Certification	Type
					DOC		
1993	Caterpillar	PCT0629FZE2	10.3	*	*	California	Non-EGR
1993	Cummins	PCE0661FZA2	10.8	*	*	California	Non-EGR
1993	Cummins	PCE0661FZB3	10.8	*	*	California	Non-EGR
1993	Cummins	PCE0855FZHX	14.0	*	*	California	Non-EGR
1993	Cummins	PCE0855FZK4	14.0	*	*	California	Non-EGR
1993	Detroit Diesel Corporation	PDD08.5FZK7	8.5	*	*	California	Non-EGR
1993	Mack	PMT0728FAGX	11.9	*	*	California	Non-EGR
1993	Mack	PMT0728FAH0	11.9	*	*	California	Non-EGR
1993	Mack	PMT0728FAL6	11.9	*	*	California	Non-EGR
1994	Caterpillar	RCP629EZDARA	10.3	*	*	California	Non-EGR
1994	Caterpillar	RCP638EZDARA	10.5	*	*	California	Non-EGR
1994	Cummins	RCE359D6DASW	5.9	*	*	Federal	Non-EGR
1994	Cummins	RCE505F6DABW	8.3	*	*	Federal	Non-EGR
1994	Cummins	RCE661EJDARA	10.8	*	*	California	Non-EGR
1994	Cummins	RCE661EJDARC	10.8	*	*	California	Non-EGR
1994	Cummins	RCE661EJDARW	10.8	*	*	California	Non-EGR
1994	Cummins	RCE855EJDARW	14.0	*	*	California	Non-EGR
1994	Cummins	RCE855EJDASW	14.0	*	*	California	Non-EGR
1994	Detroit Diesel Corporation	RDD11.EJDARA	11.1	*	*	California	Non-EGR
1994	Detroit Diesel Corporation	RDD12.EJDARA	12.7	*	*	California	Non-EGR
1994	Detroit Diesel Corporation	RDD8.5EJDARA	8.5	*	*	California	Non-EGR
1994	Detroit Diesel Corporation	RDD8.5EJDARW	8.5	*	*	California	Non-EGR
1994	Detroit Diesel Corporation	RDD8.5FJDARW	8.5	*	*	Federal	Non-EGR
1994	Hino	RHM3.8C7DARW	3.8	*	*	California	Non-EGR
1994	Hino	RHM6.5D7DARW	6.5	*	*	California	Non-EGR
1994	International	RNV444C8DARA	7.3	*	*	Federal	Non-EGR
1994	International	RNV466D6D0TW	7.6	*	*	California	Non-EGR
1994	International	RNV466D6DARW	7.6	*	*	California	Non-EGR
1994	International	RNV466D6DASW	7.6	*	*	California	Non-EGR
1994	Isuzu	RSZ3.9C6DARW	3.9	*	*	California	Non-EGR
1994	Mack	RMK728EGDARA	11.9	*	*	California	Non-EGR
1994	Mack	RMK728EJDARA	11.9	*	*	California	Non-EGR
1994	Mack Trucks	RMK728EGDATW	11.9	*	*	Federal	Non-EGR
1994	Mack Trucks	RMK728EJDARW	11.9	*	*	Federal	Non-EGR
1994	Mack Trucks	RMK728EJDASW	11.9	*	*	Federal	Non-EGR
1994	Mack Trucks	RMK728EJDATW	11.9	*	*	Federal	Non-EGR
1994	Mercedes Benz	RMB10.E6DARA	10.0	*	*	Federal	Non-EGR
1994	Mercedes Benz	RMB12.E6DARA	12.0	*	*	Federal	Non-EGR
1994	Mercedes Benz	RMB4.0D6DARA	4.0	*	*	Federal	Non-EGR
1994	Mercedes-Benz	RMB6.0D6DARA	6.0	*	*	California	Non-EGR
1994	Perkins	RPK365DGDAAA	6.0	*	*	Federal	Non-EGR
1994	Saab Scania	RSA673E6DARA	11.0	*	*	Federal	Non-EGR
1994	Volvo	RVT12.EJDBRA	12.1	*	*	California	Non-EGR
1994	Volvo	RVT6.7D6DBRA	6.7	*	*	California	Non-EGR
1995	Caterpillar	SCP403DZDARK	6.6	*	*	California	Non-EGR

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1995	Caterpillar	SCP442DZDARK	7.2	*	*	California	Non-EGR
1995	Caterpillar	SCP629EZDARK	10.3	*	*	California	Non-EGR
1995	Caterpillar	SCP629EZDARM	10.3	*	*	California	Non-EGR
1995	Caterpillar	SCP638EZDARA	10.5	*	*	California	Non-EGR
1995	Caterpillar	SCP729EZDARL	11.9	*	*	California	Non-EGR
1995	Cummins	SCE661EJDARA	10.8	*	*	California	Non-EGR
1995	Cummins	SCE661EJDARC	10.8	*	*	California	Non-EGR
1995	Cummins	SCE661EJDARW	10.8	*	*	California	Non-EGR
1995	Cummins	SCE661EJDASW	10.8	*	*	California	Non-EGR
1995	Cummins	SCE661EJDATW	10.8	*	*	California	Non-EGR
1995	Cummins	SCE855EJDARA	14.0	*	*	California	Non-EGR
1995	Cummins	SCE855EJDARB	14.0	*	*	California	Non-EGR
1995	Cummins	SCE855EJDARW	14.0	*	*	California	Non-EGR
1995	Cummins	SCE855EJDASW	14.0	*	*	California	Non-EGR
1995	Cummins	SCE855EJDATW	14.0	*	*	California	Non-EGR
1995	Detroit Diesel Corporation	SDD11.EJDARA	11.1	*	*	California	Non-EGR
1995	Detroit Diesel Corporation	SDD12.EJDARA	12.7	*	*	California	Non-EGR
1995	Detroit Diesel Corporation	SDD8.5EJDARA	8.5	*	*	California	Non-EGR
1995	Detroit Diesel Corporation	SDD8.5EJDARW	8.5	*	*	California	Non-EGR
1995	Hino	SHM3.8C7DARW	3.8	*	*	California	Non-EGR
1995	Hino	SHM6.5D7DARW	6.5	*	*	California	Non-EGR
1995	International	SNV444C8D0RA	7.3	*	*	California	Non-EGR
1995	International	SNV444C8D0SA	7.3	*	*	California	Non-EGR
1995	International	SNV444C8DARW	7.3	*	*	Federal	Non-EGR
1995	International	SNV444C8DASW	7.3	*	*	Federal	Non-EGR
1995	International	SNV466D6DARA	7.6	*	*	California	Non-EGR
1995	International	SNV466D6DASA	7.6	*	*	California	Non-EGR
1995	International	SNV466D6DATA	7.6	*	*	California	Non-EGR
1995	International	SNV466D8DARB	7.6	*	*	California	Non-EGR
1995	International	SNV466D8DASB	7.6	*	*	California	Non-EGR
1995	International	SNV466D8DATB	7.6	*	*	California	Non-EGR
1995	International	SNV530D6DARA	8.7	*	*	California	Non-EGR
1995	International	SNV530E6DASA	8.7	*	*	California	Non-EGR
1995	Isuzu	SSZ3.9C6DARW	3.9	*	*	California	Non-EGR
1995	Isuzu Motors	SSZ7.1D6DARW	7.1	*	*	Federal	Non-EGR
1995	Mack	SMK728EGDARA	11.9	*	*	California	Non-EGR
1995	Mack	SMK728EJDARA	11.9	*	*	California	Non-EGR
1995	Mack Trucks	SMK728EGDATW	11.9	*	*	Federal	Non-EGR
1995	Mack Trucks	SMK728EJDARW	11.9	*	*	Federal	Non-EGR
1995	Mack Trucks	SMK728EJDASW	11.9	*	*	Federal	Non-EGR
1995	Mack Trucks	SMK728EJDATW	11.9	*	*	Federal	Non-EGR
1995	Mercedes Benz	SMB10.E6DARA	10.0	*	*	Federal	Non-EGR
1995	Mercedes Benz	SMB12.E6DARA	12.0	*	*	Federal	Non-EGR
1995	Mercedes-Benz	SMB6.0D6DARA	6.0	*	*	California	Non-EGR
1995	Renault	SR3377D8DARW	6.2	*	*	Federal	Non-EGR
1995	Renault	SR3377D8DASW	6.2	*	*	Federal	Non-EGR
1995	Volvo	SVT12.EJDBRA	12.1	*	*	California	Non-EGR
1995	Volvo	SVT6.7D6DBRA	6.7	*	*	California	Non-EGR
1996	Caterpillar	TCP403DZDARK	6.6	*	*	California	Non-EGR
1996	Caterpillar	TCP442DZDARK	7.2	*	*	California	Non-EGR
1996	Caterpillar	TCP629EZDARK	10.3	*	*	California	Non-EGR

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1996	Caterpillar	TCP629EZDARM	10.3	*	*	California	Non-EGR
1996	Caterpillar	TCP638EZDARA	10.5	*	*	California	Non-EGR
1996	Caterpillar	TCP729EZDARL	11.9	*	*	California	Non-EGR
1996	Cummins	TCE359DJDARW	5.9	*	*	Federal	Non-EGR
1996	Cummins	TCE505D6DARW	8.3	*	*	Federal	Non-EGR
1996	Cummins	TCE661EJDARA	10.8	*	*	California	Non-EGR
1996	Cummins	TCE661EJDARB	10.8	*	*	California	Non-EGR
1996	Cummins	TCE661EJDARC	10.8	*	*	California	Non-EGR
1996	Cummins	TCE661EJDARW	10.8	*	*	California	Non-EGR
1996	Cummins	TCE661EJDASW	10.8	*	*	California	Non-EGR
1996	Cummins	TCE661EJDATW	10.8	*	*	California	Non-EGR
1996	Cummins	TCE855EJDARA	14.0	*	*	California	Non-EGR
1996	Cummins	TCE855EJDARB	14.0	*	*	California	Non-EGR
1996	Cummins	TCE855EJDARW	14.0	*	*	California	Non-EGR
1996	Cummins	TCE855EJDASW	14.0	*	*	California	Non-EGR
1996	Cummins	TCE855EJDATW	14.0	*	*	California	Non-EGR
1996	Detroit Diesel Corporation	TDD11.EJDARA	11.1	*	*	California	Non-EGR
1996	Detroit Diesel Corporation	TDD12.EJDARA	12.7	*	*	California	Non-EGR
1996	Detroit Diesel Corporation	TDD12.EJDATW	12.0	*	*	California	Non-EGR
1996	Detroit Diesel Corporation	TDD3.8C8DASW	3.8	*	*	Federal	Non-EGR
1996	Detroit Diesel Corporation	TDD8.5EJDARA	8.5	*	*	California	Non-EGR
1996	Detroit Diesel Corporation	TDD8.5EJDARW	8.5	*	*	California	Non-EGR
1996	Hino	THM3.8C7DARW	3.8	*	*	California	Non-EGR
1996	Hino	THM6.5D7DARW	6.5	*	*	California	Non-EGR
1996	International	TNV444C8D0RA	7.3	*	*	California	Non-EGR
1996	International	TNV444C8D0SA	7.3	*	*	California	Non-EGR
1996	International	TNV444C8DARW	7.3	*	*	Federal	Non-EGR
1996	International	TNV444C8DASW	7.3	*	*	Federal	Non-EGR
1996	International	TNV466D6DARB	7.6	*	*	California	Non-EGR
1996	International	TNV466D6DATB	7.6	*	*	California	Non-EGR
1996	International	TNV466D8DARB	7.6	*	*	California	Non-EGR
1996	International	TNV466D8DATB	7.6	*	*	California	Non-EGR
1996	International	TNV530D6DARA	8.7	*	*	California	Non-EGR
1996	International	TNV530D8DARA	8.7	*	*	California	Non-EGR
1996	International	TNV530E6DASA	8.7	*	*	California	Non-EGR
1996	International	TNV530E8DASA	8.7	*	*	California	Non-EGR
1996	Isuzu	TSZ3.9C6DARW	3.9	*	*	California	Non-EGR
1996	Mack	TMK728EGDARA	11.9	*	*	California	Non-EGR
1996	Mack	TMK728EJDARA	11.9	*	*	California	Non-EGR
1996	Mack Trucks	TMK12.EJDATW	11.9	*	*	Federal	Non-EGR
1996	Mack Trucks	TMK728EGDASW	11.9	*	*	Federal	Non-EGR
1996	Mack Trucks	TMK728EGDATW	11.9	*	*	Federal	Non-EGR
1996	Mack Trucks	TMK728EJDARW	11.9	*	*	Federal	Non-EGR
1996	Mack Trucks	TMK728EJDASW	11.9	*	*	Federal	Non-EGR
1996	Mack Trucks	TMK728EJDATW	11.9	*	*	Federal	Non-EGR
1996	Mercedes Benz	TMB6.0D6DAAA	6.0	*	*	Federal	Non-EGR
1996	Mercedes Benz	TMB6.0D6DARA	6.0	*	*	Federal	Non-EGR
1996	Renault	TR3377D8DARW	6.2	*	*	Federal	Non-EGR
1996	Renault	TR3377D8DASW	6.2	*	*	Federal	Non-EGR
1996	Scania	TY912.EGDARA	11.7	*	*	Federal	Non-EGR
1996	Volvo	TVT12.EJDBRA	12.1	*	*	California	Non-EGR

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1996	Volvo	TVT6.7D6DBRA	6.7	*	*	California	Non-EGR
1997	Caterpillar	VCP403DZDARK	6.6	*	*	California	Non-EGR
1997	Caterpillar	VCP442DZDARK	7.2	*	*	California	Non-EGR
1997	Caterpillar	VCP629EZDARK	10.3	*	*	California	Non-EGR
1997	Caterpillar	VCP629EZDARX	10.3	*	*	California	Non-EGR
1997	Caterpillar	VCP638EZDARA	10.5	*	*	California	Non-EGR
1997	Caterpillar	VCP729EZDARX	11.9	*	*	California	Non-EGR
1997	Cummins	VCE359DJDARA	5.9	*	*	California	Non-EGR
1997	Cummins	VCE661EJDARB	10.8	*	*	California	Non-EGR
1997	Cummins	VCE661EJDARC	10.8	*	*	California	Non-EGR
1997	Cummins	VCE661EJDASA	10.8	*	*	California	Non-EGR
1997	Cummins	VCE661EJDATW	10.8	*	*	California	Non-EGR
1997	Cummins	VCE855EJDARA	14.0	*	*	California	Non-EGR
1997	Cummins	VCE855EJDARB	14.0	*	*	California	Non-EGR
1997	Cummins	VCE855EJDARC	14.0	*	*	California	Non-EGR
1997	Cummins	VCE855EJDATW	14.0	*	*	California	Non-EGR
1997	Detroit Diesel Corporation	VDD11.EJDARA	11.1	*	*	California	Non-EGR
1997	Detroit Diesel Corporation	VDD12.EJDARA	12.7	*	*	California	Non-EGR
1997	Detroit Diesel Corporation	VDD12.EJDATA	12.0	*	*	California	Non-EGR
1997	Detroit Diesel Corporation	VDD8.5EJDARA	8.5	*	*	California	Non-EGR
1997	General Motors	VGM6.5C6DARW	6.5	*	*	California	Non-EGR
1997	Hino	VHM8.0DHDARA	8.0	5.3	*	California	Non-EGR
1997	International	VNV444C8DARW	7.3	*	*	California	Non-EGR
1997	International	VNV444C8DASW	7.3	*	*	California	Non-EGR
1997	International	VNV466D6DARA	7.6	*	*	California	Non-EGR
1997	International	VNV466D8DARW	7.6	*	*	California	Non-EGR
1997	International	VNV466D8DASA	7.6	*	*	California	Non-EGR
1997	International	VNV530D6DARA	8.7	*	*	California	Non-EGR
1997	International	VNV530D8DARA	8.7	*	*	California	Non-EGR
1997	International	VNV530E6DASA	8.7	*	*	California	Non-EGR
1997	International	VNV530E8DASA	8.7	*	*	California	Non-EGR
1997	Isuzu	VSZ3.9C6DARA	3.9	*	*	California	Non-EGR
1997	Mack	VMK728EGDARA	11.9	*	*	California	Non-EGR
1997	Mack	VMK728EJDARA	11.9	*	*	California	Non-EGR
1997	Mack	VMK728EJDAYW	11.9	*	*	California	Non-EGR
1997	Mack Trucks	VMK12.EJDASW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK12.EJDATW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EGDASW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EGDATW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EGDATW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EJDARW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EJDASW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EJDATW	11.9	*	*	Federal	Non-EGR
1997	Mack Trucks	VMK728EJDAZW	11.9	*	*	Federal	Non-EGR
1997	Mercedes Benz	VMB12.EJDARA	12.0	*	*	Federal	Non-EGR
1997	Mercedes Benz	VMB6.0D6DARA	6.0	*	*	Federal	Non-EGR
1997	Renault	VR3377D8DARW	6.2	*	*	Federal	Non-EGR
1997	Renault	VR3377D8DASW	6.2	*	*	Federal	Non-EGR
1997	Volvo	VVT12.EJDBRA	12.1	*	*	California	Non-EGR
1997	Volvo	VVT6.7D6DBRA	6.7	*	*	California	Non-EGR
1998	Caterpillar	WCPXH0442HRK	7.2	*	*	California	Non-EGR

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1998	Caterpillar	WCPXH0442HSK	7.2	*	*	California	Non-EGR
1998	Caterpillar	WCPXH0629ERK	10.3	*	*	California	Non-EGR
1998	Caterpillar	WCPXH0638MRW	10.5	*	*	Federal	Non-EGR
1998	Caterpillar	WCPXH0729ERK	11.9	*	*	California	Non-EGR
1998	Cummins	WCEXH0359BAD	5.9	*	*	California	Non-EGR
1998	Cummins	WCEXH0359BAE	5.9	*	*	California	Non-EGR
1998	Cummins	WCEXH0505CAC	8.3	*	*	California	Non-EGR
1998	Cummins	WCEXH0505CAD	8.3	*	*	California	Non-EGR
1998	Cummins	WCEXH0505CAE	8.3	*	*	California	Non-EGR
1998	Cummins	WCEXH0505CAF	8.3	*	*	California	Non-EGR
1998	Cummins	WCEXH0661MAA	10.8	*	*	California	Non-EGR
1998	Cummins	WCEXH0661MAB	10.8	*	*	California	Non-EGR
1998	Cummins	WCEXH0661MAD	10.8	*	*	California	Non-EGR
1998	Cummins	WCEXH0661MAE	10.8	*	*	California	Non-EGR
1998	Cummins	WCEXH0661MAF	10.8	*	*	Federal	Non-EGR
1998	Cummins	WCEXH0855NAA	14.0	*	*	California	Non-EGR
1998	Cummins	WCEXH0855NAB	14.0	*	*	California	Non-EGR
1998	Cummins	WCEXH0855NAC	14.0	*	*	California	Non-EGR
1998	Detroit Diesel Corporation	WDDXH08.5EJD	8.5	*	*	California	Non-EGR
1998	Detroit Diesel Corporation	WDDXH11.1EHD	11.1	*	*	California	Non-EGR
1998	Detroit Diesel Corporation	WDDXH12.7EGD	12.7	*	*	California	Non-EGR
1998	General Motors	WGMXH06.5523	6.5	*	*	California	Non-EGR
1998	International	WNVXH0444FNA	7.3	*	*	Federal	Non-EGR
1998	International	WNVXH0444FNC	7.3	*	*	Federal	Non-EGR
1998	International	WNVXH0466ENE	7.6	*	*	Federal	Non-EGR
1998	International	WNVXH0466FNA	7.6	*	*	Federal	Non-EGR
1998	International	WNVXH0466FNC	7.6	*	*	Federal	Non-EGR
1998	International	WNVXH0530FNA	8.7	*	*	Federal	Non-EGR
1998	International	WNVXH0530FNC	8.7	*	*	Federal	Non-EGR
1998	Isuzu	WSZXH07.84RA	7.8	*	*	California	Non-EGR
1998	Mack	WMKXH11.9E51	11.9	*	*	California	Non-EGR
1998	Mack	WMKXH11.9E52	11.9	*	*	California	Non-EGR
1998	Mack	WMKXH11.9E53	11.9	*	*	California	Non-EGR
1998	Mack Trucks	WMKXH0602M48	9.9	*	*	Federal	Non-EGR
1998	Mack Trucks	WMKXH0728M44	11.9	*	*	Federal	Non-EGR
1998	Mack Trucks	WMKXH0728V40	11.9	*	*	Federal	Non-EGR
1998	Mack Trucks	WMKXH0728V41	11.9	*	*	Federal	Non-EGR
1998	Mercedes-Benz	WMBXH4.25DJA	4.2	*	*	California	Non-EGR
1998	Renault	WR3XH0377BNF	6.2	*	*	Federal	Non-EGR
1998	Scania	WY9XH11.7203	11.7	*	*	Federal	Non-EGR
1998	Volvo	WVTXH07.350S	7.3	*	*	California	Non-EGR
1998	Volvo	WVTXH12.150S	12.1	*	*	California	Non-EGR
1999	Caterpillar	XCPXH0442HRK	7.2	*	*	California	Non-EGR
1999	Caterpillar	XCPXH0442HSK	7.2	*	*	California	Non-EGR
1999	Caterpillar	XCPXH0629ERK	10.3	*	*	California	Non-EGR
1999	Caterpillar	XCPXH0638MRW	10.5	*	*	Federal	Non-EGR
1999	Caterpillar	XCPXH0729ERK	11.9	*	*	California	Non-EGR
1999	Cummins	XCEXH0359BAJ	5.9	*	*	California	Non-EGR
1999	Cummins	XCEXH0359BAK	5.9	*	*	California	Non-EGR
1999	Cummins	XCEXH0359BAM	5.9	*	*	Federal	Non-EGR
1999	Cummins	XCEXH0359BAQ	5.9	*	*	Federal	Non-EGR

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1999	Cummins	XCEXH0359BAR	5.9	*	*	Federal	Non-EGR
1999	Cummins	XCEXH0505CAC	8.3	*	*	California	Non-EGR
1999	Cummins	XCEXH0505CAD	8.3	*	*	California	Non-EGR
1999	Cummins	XCEXH0505CAE	8.3	*	*	California	Non-EGR
1999	Cummins	XCEXH0661MAH	10.8	*	*	California	Non-EGR
1999	Cummins	XCEXH0661MAI	10.8	*	*	California	Non-EGR
1999	Cummins	XCEXH0855NAD	14.0	*	*	California	Non-EGR
1999	Cummins	XCEXH0855NAE	14.0	*	*	California	Non-EGR
1999	Cummins	XCEXH0855NAF	14.0	*	*	California	Non-EGR
1999	Detroit Diesel Corporation	XDDXH08.5EJL	8.5	*	*	California	Non-EGR
1999	Detroit Diesel Corporation	XDDXH11.1EHL	11.1	*	*	California	Non-EGR
1999	Detroit Diesel Corporation	XDDXH12.7EGL	12.7	*	*	California	Non-EGR
1999	General Motors	XGMXH06.5523	6.5	*	*	California	Non-EGR
1999	International	XNVXH0444ANA	7.3	*	*	California	Non-EGR
1999	International	XNVXH0444ANB	7.3	*	*	California	Non-EGR
1999	International	XNVXH0466ANA	7.6	*	*	California	Non-EGR
1999	International	XNVXH0466ANB	7.6	*	*	California	Non-EGR
1999	International	XNVXH0530ANA	8.7	*	*	California	Non-EGR
1999	International	XNVXH0530ANB	8.7	*	*	California	Non-EGR
1999	International	XNVXH07.3ANE	7.3	*	*	California	Non-EGR
1999	International	XNVXH07.3FNH	7.3	*	*	Federal	Non-EGR
1999	Isuzu	XSZXH07.84RA	7.8	*	*	California	Non-EGR
1999	Mack	XMKXH11.9E54	11.9	*	*	California	Non-EGR
1999	Mercedes-Benz	XMBXH4.25DJA	4.2	*	*	California	Non-EGR
1999	Mercedes-Benz	XMBXH6.37DJA	6.4	*	*	California	Non-EGR
1999	Renault	XR3XH0377BNF	6.2	*	*	Federal	Non-EGR
1999	Volvo	XVTXH07.350S	7.3	*	*	California	Non-EGR
1999	Volvo	XVTXH07.399B	7.3	*	*	California	Non-EGR
1999	Volvo	XVTXH12.150S	12.1	*	*	California	Non-EGR
2000	Caterpillar	YCPXH0442HRK	7.2	*	*	California	Non-EGR
2000	Caterpillar	YCPXH0629ERK	10.3	*	*	California	Non-EGR
2000	Caterpillar	YCPXH0729ERK	11.9	*	*	California	Non-EGR
2000	Cummins	YCEXH0359BAA	5.9	*	*	Federal	Non-EGR
2000	Cummins	YCEXH0359BAO	5.9	*	*	California	Non-EGR
2000	Cummins	YCEXH0359BAP	5.9	*	*	California	Non-EGR
2000	Cummins	YCEXH0359BAX	5.9	*	*	Federal	Non-EGR
2000	Cummins	YCEXH0359BAY	5.9	*	*	Federal	Non-EGR
2000	Cummins	YCEXH0505CAG	8.3	*	*	California	Non-EGR
2000	Cummins	YCEXH0505CAH	8.3	*	*	California	Non-EGR
2000	Cummins	YCEXH0505CAI	8.3	*	*	California	Non-EGR
2000	Cummins	YCEXH0540LAA	8.8	*	*	California	Non-EGR
2000	Cummins	YCEXH0661MAH	10.8	*	*	California	Non-EGR
2000	Cummins	YCEXH0661MAI	10.8	*	*	California	Non-EGR
2000	Cummins	YCEXH0855NAD	14.0	*	*	California	Non-EGR
2000	Cummins	YCEXH0855NAE	14.0	*	*	California	Non-EGR
2000	Cummins	YCEXH0855NAF	14.0	*	*	California	Non-EGR
2000	DaimlerChrysler	YMBXH12.0DJA	12.0	*	*	Federal	Non-EGR
2000	DaimlerChrysler	YMBXH4.25DJA	4.3	*	*	California	Non-EGR
2000	DaimlerChrysler	YMBXH6.37DJA	6.4	*	*	California	Non-EGR
2000	Detroit Diesel Corporation	YDDXH08.5EJB	8.5	*	*	California	Non-EGR
2000	Detroit Diesel Corporation	YDDXH08.5EJL	8.5	*	*	California	Non-EGR

Model Year	Manufacturer	Engine Family	Displacement (L)		Original Equipment DOC	Certification	Type
2000	Detroit Diesel Corporation	YDDXH12.7EGL	12.7	*	*	California	Non-EGR
2000	International	YNVXH0444ANA	7.3	*	*	California	Non-EGR
2000	International	YNVXH0444ANB	7.3	*	*	California	Non-EGR
2000	International	YNVXH0444ANC	7.3	*	*	California	Non-EGR
2000	International	YNVXH0466ANA	7.6	*	*	California	Non-EGR
2000	International	YNVXH0466ANB	7.6	*	*	California	Non-EGR
2000	International	YNVXH0530ANA	8.7	*	*	California	Non-EGR
2000	International	YNVXH0530ANB	8.7	*	*	California	Non-EGR
2000	International	YNVXH07.3ANA	7.3	*	*	California	Non-EGR
2000	International	YNVXH07.3FNB	7.3	*	*	Federal	Non-EGR
2000	Isuzu	YSZXH07.84RA	7.8	*	*	California	Non-EGR
2000	Mack	YMKXH11.9E56	11.9	*	*	California	Non-EGR
2000	Mack	YMKXH11.9V57	11.9	*	*	California	Non-EGR
2000	Scania	YY9XH10.6106	10.6	*	*	Federal	Non-EGR
2000	Scania	YY9XH11.7202	11.7	*	*	Federal	Non-EGR
2000	Volvo	YVTXH07.350S	7.3	*	*	California	Non-EGR
2000	Volvo	YVTXH12.150S	12.1	*	*	California	Non-EGR
2001	Caterpillar	1CPXH0442HRK	7.2	*	*	California	Non-EGR
2001	Caterpillar	1CPXH0629ERK	10.3	*	*	California	Non-EGR
2001	Caterpillar	1CPXH0729ERK	11.9	*	*	California	Non-EGR
2001	Cummins	1CEXH0239BAD	3.9	*	*	California	Non-EGR
2001	Cummins	1CEXH0239BAE	3.9	*	*	California	Non-EGR
2001	Cummins	1CEXH0359BAA	5.9	*	*	Federal	Non-EGR
2001	Cummins	1CEXH0359BAU	5.9	*	*	California	Non-EGR
2001	Cummins	1CEXH0359BAV	5.9	*	*	California	Non-EGR
2001	Cummins	1CEXH0359BAX	5.9	*	*	Federal	Non-EGR
2001	Cummins	1CEXH0359BAY	5.9	*	*	Federal	Non-EGR
2001	Cummins	1CEXH0505CAN	8.3	*	*	California	Non-EGR
2001	Cummins	1CEXH0505CA0	8.3	*	*	California	Non-EGR
2001	Cummins	1CEXH0505CAP	8.3	*	*	California	Non-EGR
2001	Cummins	1CEXH0540LAA	8.8	*	*	California	Non-EGR
2001	Cummins	1CEXH0540LAC	8.8	*	*	California	Non-EGR
2001	Cummins	1CEXH0661MAQ	10.8	*	*	California	Non-EGR
2001	Cummins	1CEXH0661MAR	10.8	*	*	California	Non-EGR
2001	Cummins	1CEXH0855NAD	14.0	*	*	California	Non-EGR
2001	Cummins	1CEXH0855NAE	14.0	*	*	California	Non-EGR
2001	Cummins	1CEXH0855NAF	14.0	*	*	California	Non-EGR
2001	Detroit Diesel Corporation	1DDXH08.5EJB	8.5	*	*	California	Non-EGR
2001	Detroit Diesel Corporation	1DDXH08.5EJL	8.5	*	*	California	Non-EGR
2001	Detroit Diesel Corporation	1DDXH12.7EGL	12.7	*	*	California	Non-EGR
2001	International	1NVXH0444ANA	7.3	*	*	California	Non-EGR
2001	International	1NVXH0444ANB	7.3	*	*	California	Non-EGR
2001	International	1NVXH0444ANC	7.3	*	*	California	Non-EGR
2001	International	1NVXH0466ANA	7.6	*	*	California	Non-EGR
2001	International	1NVXH0466ANB	7.6	*	*	California	Non-EGR
2001	International	1NVXH0530ANA	8.7	*	*	California	Non-EGR
2001	International	1NVXH0530ANB	8.7	*	*	California	Non-EGR
2001	International	1NVXH07.3ANA	7.3	*	*	California	Non-EGR
2001	International	1NVXH07.3FNB	7.3	*	*	Federal	Non-EGR
2001	Isuzu	1SZXH07.84RA	7.8	*	*	California	Non-EGR
2001	Isuzu Motors	1SZXH06.63RA	6.6	*	*	Federal	Non-EGR

Model Year	Manufacturer	Engine Family	Displacement (L)		Original Equipment DOC	Certification	Type
2001	Mack	1MKXH11.9H56	11.9	*	*	California	Non-EGR
2001	Mack	1MKXH11.9H59	11.9	*	*	California	Non-EGR
2001	Mack	1MKXH11.9V57	11.9	*	*	California	Non-EGR
2001	Mack	1MKXH11.9V60	11.9	*	*	California	Non-EGR
2001	Mack	1MKXH11.9V61	11.9	*	*	California	Non-EGR
2001	Mercedes-Benz	1MBXH12.0DJA	12.0	*	*	California	Non-EGR
2001	Mercedes-Benz	1MBXH12.8DJA	12.8	*	*	California	Non-EGR
2001	Mercedes-Benz	1MBXH4.25DJA	4.2	*	*	California	Non-EGR
2001	Mercedes-Benz	1MBXH6.37DJA	6.4	*	*	California	Non-EGR
2001	Mercedes-Benz	1MBXH6.37DJC	6.4	*	*	California	Non-EGR
2001	Scania	1Y9XH10.6106	10.6	*	*	Federal	Non-EGR
2001	Scania	1Y9XH11.7202	11.7	*	*	Federal	Non-EGR
2001	Volvo	1VTXH07.350S	7.3	*	*	California	Non-EGR
2001	Volvo	1VTXH12.150S	12.1	*	*	California	Non-EGR
2002	Caterpillar	2CPXH0442HRK	7.2	*	*	California	Non-EGR
2002	Caterpillar	2CPXH0629ERK	10.3	*	*	California	Non-EGR
2002	Caterpillar	2CPXH0729ERK	11.9	*	*	California	Non-EGR
2002	Cummins	2CEXH0239BAD	3.9	*	*	California	Non-EGR
2002	Cummins	2CEXH0239BAE	3.9	*	*	California	Non-EGR
2002	Cummins	2CEXH0359BAB	5.9	*	*	California	Non-EGR
2002	Cummins	2CEXH0359BAD	5.9	*	*	Federal	Non-EGR
2002	Cummins	2CEXH0359BAE	5.9	*	*	Federal	Non-EGR
2002	Cummins	2CEXH0359BAX	5.9	*	*	Federal	Non-EGR
2002	Cummins	2CEXH0505CAN	8.3	*	*	California	Non-EGR
2002	Cummins	2CEXH0505CAQ	8.3	*	*	California	Non-EGR
2002	Cummins	2CEXH0540LAC	8.8	*	*	California	Non-EGR
2002	Cummins	2CEXH0661MAS	10.8	*	*	California	Non-EGR
2002	Cummins	2CEXH0855NAA	14.0	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH12.0DJA	12.0	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH12.8DJA	12.8	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH15.9DJB	11.9	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH4.25DJA	4.3	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH6.37DJA	6.4	*	*	California	Non-EGR
2002	DaimlerChrysler	2MBXH6.37DJC	6.4	*	*	California	Non-EGR
2002	Detroit Diesel Corporation	2DDXH08.5EJL	8.5	*	*	California	Non-EGR
2002	Detroit Diesel Corporation	2DDXH12.7EGL	12.7	*	*	California	Non-EGR
2002	International	2NVXH0444ANA	7.3	*	*	California	Non-EGR
2002	International	2NVXH0444ANB	7.3	*	*	California	Non-EGR
2002	International	2NVXH0444ANC	7.3	*	*	California	Non-EGR
2002	International	2NVXH0466ANA	7.6	*	*	California	Non-EGR
2002	International	2NVXH0466ANB	7.6	*	*	California	Non-EGR
2002	International	2NVXH0530ANA	8.7	*	*	California	Non-EGR
2002	International	2NVXH0530ANB	8.7	*	*	California	Non-EGR
2002	International	2NVXH0530ANC	8.7	*	*	California	Non-EGR
2002	International	2NVXH07.3ANA	7.3	*	*	California	Non-EGR
2002	International	2NVXH07.3FNB	7.3	*	*	Federal	Non-EGR
2002	Isuzu	2SZXH06.64RA	6.6	*	*	California	Non-EGR
2002	Isuzu	2SZXH07.84RA	7.8	7.2	*	California	Non-EGR
2002	Isuzu Motors	2SZXH06.63RA	6.6	*	*	Federal	Non-EGR
2002	Mack	2MKXH11.9H59	11.9	*	*	California	Non-EGR
2002	Mack	2MKXH11.9H63	11.9	*	*	California	Non-EGR

Model Year	Manufacturer	Engine Family	Displacement (L)		Original Equipment DOC	Certification	Type
2002	Mack	2MKXH11.9V60	11.9	*	*	California	Non-EGR
2002	Mack	2MKXH11.9V61	11.9	*	*	California	Non-EGR
2002	Scania	2Y9XH10.6106	10.6	*	*	Federal	Non-EGR
2002	Scania	2Y9XH11.7202	11.7	*	*	Federal	Non-EGR
2002	Volvo	2VTXH07.350S	7.3	*	*	California	Non-EGR
2002	Volvo	2VTXH12.150S	12.1	*	*	California	Non-EGR
2003	Cummins	3CEXH0239BAD	3.9	*	*	California	Non-EGR
2003	Cummins	3CEXH0359BAE	5.9	*	*	Federal	Non-EGR
2003	Cummins	3CEXH0359BAI	5.9	*	*	Federal	Non-EGR
2003	Cummins	3CEXH0505CAN	8.3	*	*	California	Non-EGR
2003	Cummins	3CEXH0505CAQ	8.3	*	*	California	Non-EGR
2003	Cummins	3CEXH0540LAC	8.8	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH12.0DJA	12.0	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH12.8DJA	12.8	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH15.9DJB	11.9	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH4.25DJA	4.3	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH4.25DJC	4.3	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH6.37DJA	6.4	*	*	California	Non-EGR
2003	DaimlerChrysler	3MBXH6.37DJC	6.4	*	*	California	Non-EGR
2003	International	3NVXH0444ANB	7.3	*	*	California	Non-EGR
2003	International	3NVXH0444ANC	7.3	*	*	California	Non-EGR
2003	International	3NVXH0466ANA	7.6	*	*	California	Non-EGR
2003	International	3NVXH0466ANB	7.6	*	*	California	Non-EGR
2003	International	3NVXH0530ANA	8.7	*	*	California	Non-EGR
2003	International	3NVXH0530ANB	8.7	*	*	California	Non-EGR
2003	International	3NVXH0530ANC	8.7	*	*	California	Non-EGR
2003	International	3NVXH07.3ANA	7.3	*	*	Federal	Non-EGR
2003	International	3NVXH07.3FNB	7.3	*	*	Federal	Non-EGR
2003	Isuzu	3SZXH06.64RA	6.6	*	*	California	Non-EGR
2003	Isuzu	3SZXH07.84RA	7.8	*	*	California	Non-EGR
2003	Isuzu Motors	3SZXH06.63RA	6.6	*	*	Federal	Non-EGR
2003	Scania	3Y9XH10.6106	10.6	*	*	Federal	Non-EGR
2003	Scania	3Y9XH11.7202	11.7	*	*	Federal	Non-EGR
2004	Cummins	4CEXH0239BAD	3.9	*	*	Federal	Non-EGR
2004	Cummins	4CEXH0505CAR	8.3	*	*	California	Non-EGR
2004	Cummins	4CEXH0540LAE	8.8	*	*	California	Non-EGR
2004	International	4NVXH0466ANA	7.6	*	*	California	Non-EGR
2004	International	4NVXH0466ANB	7.6	*	*	California	Non-EGR
2004	International	4NVXH0530ANA	8.7	*	*	California	Non-EGR
2004	International	4NVXH0530ANB	8.7	*	*	California	Non-EGR
2004	International	4NVXH0530ANC	8.7	*	*	California	Non-EGR
2005	Cummins	5CEXH0505CAR	8.3	*	*	California	Non-EGR
2005	Cummins	5CEXH0540LAE	8.8	*	*	California	Non-EGR
2006	Cummins	6CEXH0359BAI	5.9	*	*	California	Non-EGR

Disclaimer: This engine family list is provided for your convenience. Although every effort has been made to ensure accuracy, we recommend that for compliance purposes you consult the official CARB engine family list available at the CARB website.