

ARB-Approved Engine Families for the ECS Purifier Plus M
Relating to Executive Order DE-11-005
Effective Date: October 29 , 2012

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1993	Caterpillar	PCT0893FZE3	14.6	*	355	475
1993	Cummins	PCE0505FDA5	8.3	*	250	275
1993	Cummins	PCE0661FZB3	10.8	*	280	330
1993	Cummins	PCE0661FZA2	10.8	*	330	370
1993	Cummins	PCE0855FZK4	14.0	*	310	350
1993	Detroit Diesel Corporation	PDD08.5FZK7	8.5	*	275	275
1993	Mack	PMT0728FAL6	11.9	*	350	350
1993	Mack	PMT0728FAGX	11.9	*	300	300
1993	Mack	PMT0728FAH0	11.9	*	300	300
1994	Caterpillar	RCP403DZDAAA	6.6	*	170	215
1994	Caterpillar	RCP403DZDABA	6.6	*	230	300
1994	Caterpillar	RCP629EZDARA	10.3	*	275	365
1994	Caterpillar	RCP638EZDARA	10.5	*	300	300
1994	Caterpillar	RCP893EZDARA	14.6	*	310	500
1994	Cummins	RCE359D6DAAB	5.9	*	185	210
1994	Cummins	RCE359D6DABW	5.9	*	148	148
1994	Cummins	RCE359D6DAAW	5.9	*	160	175
1994	Cummins	RCE505D6DAAA	8.3	*	300	300
1994	Cummins	RCE505D6DAAB	8.3	*	240	270
1994	Cummins	RCE505D6DAAC	8.3	*	210	250
1994	Cummins	RCE505F6DAAW	8.3	*	260	260
1994	Cummins	RCE661EJDARA	10.8	*	280	330
1994	Cummins	RCE661EJDARC	10.8	*	400	400
1994	Cummins	RCE661EJDARW	10.8	*	330	370
1994	Cummins	RCE661FJDAAA	10.8	*	280	280
1994	Cummins	RCE855EJDARW	14	*	400	483
1994	Cummins	RCE855EJDASW	14	*	310	370
1994	Detroit Diesel Corporation	RDD8.5EJDARA	8.5	*	250	300
1994	Detroit Diesel Corporation	RDD8.5EJDARW	8.5	*	315	315
1994	Detroit Diesel Corporation	RDD8.5FJDABA	8.5	*	250	315
1994	Detroit Diesel Corporation	RDD11.EJDARA	11.1	*	300	365
1994	Detroit Diesel Corporation	RDD12.EJDARA	12.7	*	360	470
1994	General Motors	RGM6.5C6DAAA	6.5	*	200	210
1994	General Motors	RGM6.5C6DAAB	6.5	*	127	170
1994	General Motors	RGM6.5C6DAAC	6.5	*	190	190
1994	Hino	RHM3.8C7DARW	3.8	*	150	150
1994	Hino	RHM6.5D7DARW	6.5	*	180	225
1994	International	RNV408D6DAAW	6.7	*	175	190
1994	International	RNV7.3C8DAAA	7.3	*	215	215
1994	International	RNV444C8DABA	7.3	*	160	190
1994	International	RNV466D6DAAA	7.6	*	195	230
1994	International	RNV466D6DABA	7.6	*	230	250
1994	International	RNV466D6DARW	7.6	*	175	210
1994	International	RNV466D6DASW	7.6	*	210	250
1994	International	RNV466D6D0TW	7.6	*	230	250
1994	International	RNV530D6DAAA	8.7	*	250	300
1994	Isuzu	RSZ3.9C6DARW	3.9	*	129	129
1994	Mack	RMK728EGDARA	11.9	*	250	350

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1994	Mack	RMK728EJDARA	11.9	*	250	454
1994	Mercedes-Benz	RMB6.0D6DARA	6	*	170	190
1994	Mercedes-Benz	RMB6.0D6DAAA	6	*	210	230
1994	Mitsubishi	RMT238B7DAAA	3.9	*	135	145
1994	Nissan	RND254C6DAAA	4.2	*	140	140
1994	Nissan	RND423D6DAAA	6.9	*	210	210
1994	Perkins	RPK243C6DAAA	4	*	110	110
1994	Perkins	RPK365D6DAAA	6	*	180	180
1994	Volvo	RVT6.7D6DBRA	6.7	*	230	280
1994	Volvo	RVT12.EJDBRA	12.1	*	370	425
Separator						
1995	Caterpillar	SCP403DZDAAA	6.6	*	170	215
1995	Caterpillar	SCP403DZDABA	6.6	*	230	300
1995	Caterpillar	SCP403DZDARK	6.6	*	170	275
1995	Caterpillar	SCP442DZDARK	7.2	*	175	300
1995	Caterpillar	SCP629EZDARK	10.3	*	275	365
1995	Caterpillar	SCP629EZDARM	10.3	*	335	365
1995	Caterpillar	SCP638EZDARA	10.5	*	300	300
1995	Caterpillar	SCP729EZDARL	11.9	*	355	424
1995	Caterpillar	SCP893EZDARK	14.6	*	310	500
1995	Cummins	SCE239D6DAAA	3.9	*	110	110
1995	Cummins	SCE359D6DAAA	5.9	*	185	210
1995	Cummins	SCE359D6DAAW	5.9	*	160	160
1995	Cummins	SCE359D6DABW	5.9	*	148	148
1995	Cummins	SCE505D6DAAW	8.3	*	240	264
1995	Cummins	SCE505D6DAAA	8.3	*	300	300
1995	Cummins	SCE505D6DABW	8.3	*	210	250
1995	Cummins	SCE505F6DAAW	8.3	*	260	260
1995	Cummins	SCE661EJDARA	10.8	*	280	330
1995	Cummins	SCE661EJDARC	10.8	*	400	400
1995	Cummins	SCE661EJDARW	10.8	*	330	370
1995	Cummins	SCE661EJDASW	10.8	*	280	340
1995	Cummins	SCE661EJDATW	10.8	*	330	400
1995	Cummins	SCE661FJDAWA	10.8	*	280	330
1995	Cummins	SCE855EJDARA	14	*	370	475
1995	Cummins	SCE855EJDARB	14	*	310	410
1995	Cummins	SCE855EJDARW	14	*	400	500
1995	Cummins	SCE855EJDASW	14	*	310	370
1995	Cummins	SCE855EJDATW	14	*	435	525
1995	Detroit Diesel Corporation	SDD8.5EJDARA	8.5	*	250	300
1995	Detroit Diesel Corporation	SDD8.5EJDARW	8.5	*	315	315
1995	Detroit Diesel Corporation	SDD8.5FJDABA	8.5	*	250	315
1995	Detroit Diesel Corporation	SDD11.EJDARA	11.1	*	300	365
1995	Detroit Diesel Corporation	SDD12.EJDARA	12.7	*	360	470
1995	General Motors	SGM6.5C6DAAB	6.5	*	127	160
1995	General Motors	SGM6.5C6DAAC	6.5	*	190	190
1995	General Motors	SGM6.5C6DAAW	6.5	*	190	200
1995	Hino	SHM3.8C7DARW	3.8	*	150	150
1995	Hino	SHM6.5D7DARW	6.5	*	200	200
1995	International	SNV7.3C8DAAA	7.3	*	215	215
1995	International	SNV444C8D0AA	7.3	*	175	190
1995	International	SNV444C8D0RA	7.3	*	175	210
1995	International	SNV444C8D0SA	7.3	*	210	230

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1995	International	SNV466D6DARA	7.6	*	175	210
1995	International	SNV466D6DASA	7.6	*	210	230
1995	International	SNV466D6DATA	7.6	*	230	250
1995	International	SNV466D8DARB	7.6	*	175	210
1995	International	SNV466D8DASB	7.6	*	210	230
1995	International	SNV466D8DATB	7.6	*	230	250
1995	International	SNV530D6DARA	8.7	*	250	300
1995	International	SNV530E6DASA	8.7	*	300	300
1995	International	SNV530F6DATA	8.7	*	275	275
1995	Isuzu	SSZ3.9C6DARW	3.9	*	129	129
1995	Isuzu	SSZ7.1D6DAAA	7.1	*	197	227
1995	Mack	SMK728EGDARA	11.9	*	250	350
1995	Mack	SMK728EJDARA	11.9	*	250	454
1995	Mercedes-Benz	SMB6.0D6DAAA	6	*	210	230
1995	Mercedes-Benz	SMB6.0D6DARA	6	*	170	190
1995	Mitsubishi	SMT460D7DAAA	7.5	*	190	230
1995	Nissan	SND254C6DAAA	4.2	*	140	140
1995	Nissan	SND423D6DAAA	6.9	*	210	210
1995	Perkins	SPK243C6DAAA	4	*	110	110
1995	Perkins	SPK365D6DAAA	6	*	180	180
1995	Renault	SR3377D8DAAW	6.2	*	190	190
1995	Renault	SR3377D8DABW	6.2	*	220	220
1995	Volvo	SVT6.7D6DBRA	6.7	*	230	280
1995	Volvo	SVT12.EJDBRA	12.1	*	310	425
1996	Caterpillar	TCP403DZDAAA	6.6	*	170	215
1996	Caterpillar	TCP403DZDABA	6.6	*	300	300
1996	Caterpillar	TCP403DZDARK	6.6	*	170	275
1996	Caterpillar	TCP442DZDAAK	7.2	*	330	330
1996	Caterpillar	TCP442DZDARK	7.2	*	175	300
1996	Caterpillar	TCP629EZDARK	10.3	*	275	365
1996	Caterpillar	TCP629EZDARM	10.3	*	280	370
1996	Caterpillar	TCP638EZDARA	10.5	*	300	300
1996	Caterpillar	TCP729EZDARL	11.9	*	355	430
1996	Caterpillar	TCP893EZDARK	14.6	*	310	550
1996	Cummins	TCE239D6DAAA	3.9	*	110	110
1996	Cummins	TCE359D6DAAA	5.9	*	148	160
1996	Cummins	TCE359D6DABW	5.9	*	185	210
1996	Cummins	TCE505D6DAAA	8.3	*	300	300
1996	Cummins	TCE505D6DAAW	8.3	*	240	264
1996	Cummins	TCE505D6DABW	8.3	*	210	250
1996	Cummins	TCE661EJDARA	10.8	*	400	400
1996	Cummins	TCE661EJDARB	10.8	*	280	340
1996	Cummins	TCE661EJDARC	10.8	*	450	450
1996	Cummins	TCE661EJDARW	10.8	*	330	370
1996	Cummins	TCE661EJDASW	10.8	*	280	330
1996	Cummins	TCE661EJDATW	10.8	*	330	400
1996	Cummins	TCE661FJDABA	10.8	*	280	330
1996	Cummins	TCE855EJDARA	14	*	370	475
1996	Cummins	TCE855EJDARB	14	*	310	410
1996	Cummins	TCE855EJDARW	14	*	400	500
1996	Cummins	TCE855EJDASW	14	*	310	370
1996	Cummins	TCE855EJDATW	14	*	427	525

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1996	Detroit Diesel Corporation	TDD8.5EJDARA	8.5	*	250	300
1996	Detroit Diesel Corporation	TDD8.5EJDARW	8.5	*	315	315
1996	Detroit Diesel Corporation	TDD8.5FJDABA	8.5	*	250	315
1996	Detroit Diesel Corporation	TDD11.EJDARA	11.1	*	300	365
1996	Detroit Diesel Corporation	TDD12.EJDATW	12	*	365	400
1996	Detroit Diesel Corporation	TDD12.EJDARA	12.7	*	360	500
1996	General Motors	TGM6.5C6DAAA	6.5	*	127	160
1996	General Motors	TGM6.5C6DABA	6.5	*	190	190
1996	General Motors	TGM6.5C6DABW	6.5	*	190	200
1996	Hino	THM3.8C7DARW	3.8	*	150	150
1996	Hino	THM6.5D7DARW	6.5	*	180	225
1996	International	TNV7.3C8DAAA	7.3	*	215	220
1996	International	TNV444C8D0RA	7.3	*	175	210
1996	International	TNV444C8D0SA	7.3	*	210	230
1996	International	TNV466D6DARB	7.6	*	175	230
1996	International	TNV466D6DATB	7.6	*	230	250
1996	International	TNV466D8DARB	7.6	*	175	230
1996	International	TNV466D8DATB	7.6	*	230	250
1996	International	TNV530D6DARA	8.7	*	250	275
1996	International	TNV530E6DASA	8.7	*	300	330
1996	International	TNV530D8DARA	8.7	*	250	275
1996	International	TNV530E8DASA	8.7	*	300	300
1996	Isuzu	TSZ3.9C6DARW	3.9	*	129	129
1996	Isuzu	TSZ7.1D6DAAA	7.1	*	197	227
1996	Mack	TMK728EGDARA	11.9	*	250	350
1996	Mack	TMK728EJDARA	11.9	*	250	454
1996	Mitsubishi	TMT238C7DBAA	3.9	*	135	145
1996	Mitsubishi	TMT358D7DBAA	5.9	*	175	175
1996	Mitsubishi	TMT460D7DBAA	7.5	*	190	230
1996	Nissan	TND254C6DAAA	4.2	*	140	140
1996	Nissan	TND423D6DAAA	6.9	*	210	210
1996	Perkins	TPK243C6DAAA	4	*	110	110
1996	Perkins	TPK365D6DAAA	6	*	180	180
1996	Renault	TR3377D8DAAW	6.2	*	190	190
1996	Renault	TR3377D8DABW	6.2	*	220	220
1996	Volvo	TVT6.7D6DBRA	6.7	*	230	280
1996	Volvo	TVT12.EJDBRA	12.1	*	310	425
1997	Caterpillar	VCP403DZDAAA	6.6	*	170	215
1997	Caterpillar	VCP403DZDABA	6.6	*	230	300
1997	Caterpillar	VCP403DZDARK	6.6	*	170	275
1997	Caterpillar	VCP442DZDAAK	7.2	*	330	330
1997	Caterpillar	VCP442DZDARK	7.2	*	175	300
1997	Caterpillar	VCP629EZDARK	10.3	*	275	365
1997	Caterpillar	VCP629EZDARX	10.3	*	280	370
1997	Caterpillar	VCP638EZDARA	10.5	*	300	300
1997	Caterpillar	VCP729EZDARX	11.9	*	355	430
1997	Caterpillar	VCP893EZDARA	14.6	*	350	425
1997	Caterpillar	VCP893EZDARX	14.6	*	310	550
1997	Cummins	VCE239D6DAAA	3.9	*	122	122
1997	Cummins	VCE359D6DAAA	5.9	*	160	175
1997	Cummins	VCE359DJDARA	5.9	*	184	275
1997	Cummins	VCE359D6DABW	5.9	*	180	210

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1997	Cummins	VCE505D6DAAA	8.3	*	300	306
1997	Cummins	VCE505D6DAAW	8.3	*	240	264
1997	Cummins	VCE505D6DABW	8.3	*	210	225
1997	Cummins	VCE661EJDARB	10.8	*	280	360
1997	Cummins	VCE661EJDARC	10.8	*	450	450
1997	Cummins	VCE661EJDASA	10.8	*	280	400
1997	Cummins	VCE661EJDATW	10.8	*	330	400
1997	Cummins	VCE661FJDABA	10.8	*	280	330
1997	Cummins	VCE855EJDARA	14	*	370	475
1997	Cummins	VCE855EJDARB	14	*	310	410
1997	Cummins	VCE855EJDARC	14	*	310	500
1997	Cummins	VCE855EJDATW	14	*	427	525
1997	Detroit Diesel Corporation	VDD3.8C8DABA	3.8	*	160	160
1997	Detroit Diesel Corporation	VDD8.5EJDARA	8.5	*	250	350
1997	Detroit Diesel Corporation	VDD8.5FJDABA	8.5	*	250	315
1997	Detroit Diesel Corporation	VDD11.EJDARA	11.1	*	300	365
1997	Detroit Diesel Corporation	VDD12.EJDATA	12	*	365	400
1997	Detroit Diesel Corporation	VDD12.EJDARA	12.7	*	360	500
1997	General Motors	VGM6.5C6DAAA	6.5	*	127	160
1997	General Motors	VGM6.5C6DABA	6.5	*	190	190
1997	General Motors	VGM6.5C6DABW	6.5	*	190	200
1997	General Motors	VGM6.5C6DARW	6.5	*	175	190
1997	Hino	VHM8.0DHDARA	5.3	8	165	250
1997	International	VNV7.3C8DAAA	7.3	*	225	225
1997	International	VNV7.3C8DAAW	7.3	*	225	225
1997	International	VNV444C8DARW	7.3	*	175	210
1997	International	VNV444C8DASW	7.3	*	210	250
1997	International	VNV466D6DARA	7.6	*	175	250
1997	International	VNV466D8DARW	7.6	*	175	230
1997	International	VNV466D8DASA	7.6	*	230	250
1997	International	VNV530D6DARA	8.7	*	250	275
1997	International	VNV530D8DARA	8.7	*	250	275
1997	International	VNV530E6DASA	8.7	*	300	330
1997	International	VNV530E8DASA	8.7	*	300	320
1997	Isuzu	VSZ3.9C6DARA	3.9	*	129	129
1997	Isuzu	VSZ7.1D6DAAA	7.1	*	197	227
1997	Isuzu	VSZ7.1D6DAAW	7.1	*	197	227
1997	Mack	VMK728EGDARA	11.9	*	250	350
1997	Mack	VMK728EJDARA	11.9	*	250	454
1997	Mack	VMK728EJDAYW	11.9	*	300	454
1997	Mitsubishi	VMT238C7DBAA	3.9	*	135	145
1997	Mitsubishi	VMT358D7DBAA	5.9	*	175	175
1997	Mitsubishi	VMT460D7DBAA	7.5	*	190	230
1997	Nissan	VND254C6DAAA	4.2	*	140	140
1997	Nissan	VND423D6DAAA	6.9	*	210	210
1997	Renault	VR3377D8DAAW	6.2	*	190	190
1997	Renault	VR3377D8DABW	6.2	*	220	220
1997	Volvo	VVT6.7D6DBRA	6.7	*	230	280
1997	Volvo	VVT12.EJDBRA	12.1	*	310	425
1998	Caterpillar	WCPXH0442HRK	7.2	*	175	190
1998	Caterpillar	WCPXH0442HSK	7.2	*	210	330
1998	Caterpillar	WCPXH0629ERK	10.3	*	305	370

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1998	Caterpillar	WCPXH0729ERK	11.9	*	355	455
1998	Caterpillar	WCPXH0893ERK	14.6	*	375	550
1998	Cummins	WCEXH0359BAD	5.9	*	275	275
1998	Cummins	WCEXH0359BAE	5.9	*	180	263
1998	Cummins	WCEXH0505CAC	8.3	*	330	350
1998	Cummins	WCEXH0505CAD	8.3	*	265	310
1998	Cummins	WCEXH0505CAE	8.3	*	225	265
1998	Cummins	WCEXH0505CAF	8.3	*	289	289
1998	Cummins	WCEXH0661MAA	10.8	*	330	450
1998	Cummins	WCEXH0661MAB	10.8	*	280	350
1998	Cummins	WCEXH0661MAC	10.8	*	280	330
1998	Cummins	WCEXH0661MAD	10.8	*	330	450
1998	Cummins	WCEXH0661MAE	10.8	*	280	360
1998	Cummins	WCEXH0855NAA	14	*	435	525
1998	Cummins	WCEXH0855NAB	14	*	370	475
1998	Cummins	WCEXH0855NAC	14	*	330	410
1998	Detroit Diesel Corporation	WDDXH03.8C1C	3.8	*	160	160
1998	Detroit Diesel Corporation	WDDXH08.5EJD	8.5	*	250	320
1998	Detroit Diesel Corporation	WDDXH11.1EHD	11.1	*	330	365
1998	Detroit Diesel Corporation	WDDXH12.7EGD	12.7	*	360	500
1998	General Motors	WGMXH06.5521	6.5	*	190	195
1998	General Motors	WGMXH06.5522	6.5	*	190	190
1998	General Motors	WGMXH06.5523	6.5	*	175	190
1998	General Motors	WGMXH06.5526	6.5	*	127	160
1998	Hino	WHMXH08.0JTF	5.3	8	168	252
1998	International	WNVXH0444CCB	7.3	*	180	210
1998	International	WNVXH0444CCD	7.3	*	210	250
1998	International	WNVXH0466CCB	7.6	*	175	230
1998	International	WNVXH0466CCD	7.6	*	230	250
1998	International	WNVXH0530CCB	8.7	*	250	275
1998	International	WNVXH0530CCD	8.7	*	300	330
1998	Isuzu	WSZXH07.84RA	7.8	*	197	227
1998	Mack	WMKXH11.9E51	11.9	*	300	400
1998	Mack	WMKXH11.9E52	11.9	*	427	460
1998	Mack	WMKXH11.9E53	11.9	*	275	300
1998	Mercedes-Benz	WMBXH4.25DJA	4.2	*	180	180
1998	Nissan	WNDXH04.2TAB	4.2	*	140	140
1998	Nissan	WNDXH06.9FAB	6.9	*	225	225
1998	Volvo	WVTXH07.350S	7.3	*	275	300
1998	Volvo	WVTXH12.150S	12.1	*	345	425
1999	Caterpillar	XCPXH0442HRK	7.2	*	175	330
1999	Caterpillar	XCPXH0442HSK	7.2	*	175	330
1999	Caterpillar	XCPXH0629ERK	10.3	*	305	370
1999	Caterpillar	XCPXH0729ERK	11.9	*	355	455
1999	Caterpillar	XCPXH0893ERK	14.6	*	355	550
1999	Cummins	XCEXH0359BAI	5.9	*	175	215
1999	Cummins	XCEXH0359BAJ	5.9	*	275	275
1999	Cummins	XCEXH0359BAK	5.9	*	180	263
1999	Cummins	XCEXH0505CAC	8.3	*	330	330
1999	Cummins	XCEXH0505CAD	8.3	*	265	310
1999	Cummins	XCEXH0505CAE	8.3	*	225	265

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
1999	Cummins	XCEXH0505CAF	8.3	*	265	289
1999	Cummins	XCEXH0661MAC	10.8	*	280	330
1999	Cummins	XCEXH0661MAG	10.8	*	280	330
1999	Cummins	XCEXH0661MAH	10.8	*	330	450
1999	Cummins	XCEXH0661MAI	10.8	*	288	380
1999	Cummins	XCEXH0855NAD	14	*	435	525
1999	Cummins	XCEXH0855NAE	14	*	370	475
1999	Cummins	XCEXH0855NAF	14	*	330	410
1999	Cummins	XCEXH0912XAD	14.9	*	425	458
1999	Detroit Diesel Corporation	XDDXH03.8C1N	3.8	*	160	160
1999	Detroit Diesel Corporation	XDDXH08.5EJL	8.5	*	250	350
1999	Detroit Diesel Corporation	XDDXH08.5FJN	8.5	*	250	320
1999	Detroit Diesel Corporation	XDDXH11.1EHL	11.1	*	330	350
1999	Detroit Diesel Corporation	XDDXH12.7EGL	12.7	*	360	470
1999	Detroit Diesel Corporation	XDDXH14.0ELL	14	*	550	575
1999	General Motors	XGMXH06.5523	6.5	*	175	215
1999	General Motors	XGMXH06.5526	6.5	*	127	160
1999	Hino	XHMXH08.0JTR	8.3	8	168	252
1999	International	XNVXH07.3ACA	7.3	*	250	250
1999	International	XNVXH07.3ANE	7.3	*	250	250
1999	International	XNVXH0444ANA	7.3	*	180	210
1999	International	XNVXH0444ANB	7.3	*	210	250
1999	International	XNVXH0466ANA	7.6	*	175	210
1999	International	XNVXH0466ANB	7.6	*	230	250
1999	International	XNVXH0530ANA	8.7	*	250	275
1999	International	XNVXH0530ANB	8.7	*	300	330
1999	International	XNVXH0530ACT	8.7	*	275	275
1999	Isuzu	XSZXH04.83AA	4.8	*	142	175
1999	Isuzu	XSZXH07.84RA	7.8	*	197	197
1999	Mack	XMKXH11.9E54	11.9	*	275	460
1999	Mercedes-Benz	XMBXH4.25DJA	4.2	*	180	190
1999	Mercedes-Benz	XMBXH6.37DJA	6.4	*	230	280
1999	Mitsubishi	XMTXH03.9D4A	3.9	*	145	145
1999	Mitsubishi	XMTXH05.8D6A	5.9	*	175	175
1999	Mitsubishi	XMTXH07.5D6A	7.5	*	200	230
1999	Nissan	XNDXH04.6FAB	4.6	*	145	175
1999	Nissan	XNDXH06.9FAB	6.9	*	225	225
1999	Renault	XR3XH0377KWC	6.2	*	180	180
1999	Renault	XR3XH0377LWC	6.2	*	185	185
1999	Volvo	XVTXH07.350S	7.3	*	275	300
1999	Volvo	XVTXH07.399B	7.3	*	275	300
1999	Volvo	XVTXH12.150S	12.1	*	345	425
2000	Caterpillar	YCPXH0442HRK	7.2	*	175	330
2000	Caterpillar	YCPXH0629ERK	10.3	*	305	370
2000	Caterpillar	YCPXH0729ERK	11.9	*	355	455
2000	Caterpillar	YCPXH0893ERK	14.6	*	435	550
2000	Cummins	YCEXH0359BAI	5.9	*	175	215
2000	Cummins	YCEXH0359BAO	5.9	*	260	275
2000	Cummins	YCEXH0359BAP	5.9	*	175	260
2000	Cummins	YCEXH0505CAF	8.3	*	265	289
2000	Cummins	YCEXH0505CAG	8.3	*	330	350

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2000	Cummins	YCEXH0505CAH	8.3	*	260	315
2000	Cummins	YCEXH0505CAI	8.3	*	225	260
2000	Cummins	YCEXH0540LAA	8.8	*	325	345
2000	Cummins	YCEXH0661MAG	10.8	*	280	330
2000	Cummins	YCEXH0661MAH	10.8	*	330	500
2000	Cummins	YCEXH0661MAI	10.8	*	280	380
2000	Cummins	YCEXH0855NAD	14	*	435	525
2000	Cummins	YCEXH0855NAE	14	*	370	475
2000	Cummins	YCEXH0855NAF	14	*	330	410
2000	Cummins	YCEXH0912XAC	14.9	*	500	530
2000	Cummins	YCEXH0912XAD	14.9	*	425	458
2000	DaimlerChrysler	YMBXH4.25DJA	4.3	*	150	190
2000	DaimlerChrysler	YMBXH6.37DJA	6.4	*	190	280
2000	Detroit Diesel Corporation	YDDXH03.8C1N	3.8	*	160	160
2000	Detroit Diesel Corporation	YDDXH08.5EJB	8.5	*	350	350
2000	Detroit Diesel Corporation	YDDXH08.5EJL	8.5	*	250	320
2000	Detroit Diesel Corporation	YDDXH08.5FJN	8.5	*	250	320
2000	Detroit Diesel Corporation	YDDXH12.7EGL	12.7	*	330	500
2000	Detroit Diesel Corporation	YDDXH14.0ELL	14	*	550	575
2000	General Motors	YGMXH06.5521	6.5	*	190	195
2000	General Motors	YGMXH06.5526	6.5	*	127	160
2000	Hino	YHMXH05.3JTD	5.3	*	168	168
2000	Hino	YHMXH08.0JTD	8	*	200	217
2000	Hino	YHMXH08.0JTR	8	*	252	252
2000	International	YNVXH07.3ANA	7.3	*	235	235
2000	International	YNVXH0444ANA	7.3	*	215	215
2000	International	YNVXH0444ANB	7.3	*	175	210
2000	International	YNVXH0444ANC	7.3	*	210	250
2000	International	YNVXH0444ACT	7.3	*	230	230
2000	International	YNVXH0466ANA	7.6	*	175	215
2000	International	YNVXH0466ANB	7.6	*	230	250
2000	International	YNVXH0530ANA	8.7	*	275	280
2000	International	YNVXH0530ANB	8.7	*	300	330
2000	International	YNVXH0530ACT	8.7	*	280	280
2000	Isuzu	YSZXH04.83AA	4.8	*	137	169
2000	Isuzu	YSZXH07.84RA	7.8	*	197	227
2000	Mack	YMKXH11.9E56	11.9	*	292	487
2000	Mack	YMKXH11.9V57	11.9	*	300	400
2000	Mitsubishi	YMTXH03.9D4A	3.9	*	145	145
2000	Mitsubishi	YMTXH05.8D6A	5.9	*	175	175
2000	Mitsubishi	YMTXH07.5D6A	7.5	*	200	230
2000	Nissan	YNDXH04.6FAB	4.6	*	145	175
2000	Nissan	YNDXH06.9FAB	6.9	*	225	225
2000	Renault	YR3XH0377KWC	6.2	*	180	180
2000	Volvo	YVTXH07.350S	7.3	*	275	300
2000	Volvo	YVTXH12.150S	12.1	*	345	465
2001	Caterpillar	1CPXH0442HAK	7.2	*	207	230
2001	Caterpillar	1CPXH0442HBK	7.2	*	175	330
2001	Caterpillar	1CPXH0442HRK	7.2	*	175	330
2001	Caterpillar	1CPXH0629ERK	10.3	*	305	370
2001	Caterpillar	1CPXH0729ERK	11.9	*	370	455

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2001	Caterpillar	1CPXH0893ERK	14.6	*	470	550
2001	Cummins	1CEXH0239BAD	3.9	*	144	169
2001	Cummins	1CEXH0239BAE	3.9	*	144	169
2001	Cummins	1CEXH0359BAO	5.9	*	175	215
2001	Cummins	1CEXH0359BAU	5.9	*	260	300
2001	Cummins	1CEXH0359BAV	5.9	*	175	263
2001	Cummins	1CEXH0505CAM	8.3	*	265	289
2001	Cummins	1CEXH0505CAN	8.3	*	330	350
2001	Cummins	1CEXH0505CAO	8.3	*	260	315
2001	Cummins	1CEXH0505CAP	8.3	*	225	260
2001	Cummins	1CEXH0540LAA	8.8	*	325	370
2001	Cummins	1CEXH0540LAB	8.8	*	317	317
2001	Cummins	1CEXH0540LAC	8.8	*	400	400
2001	Cummins	1CEXH0661MAP	10.8	*	280	330
2001	Cummins	1CEXH0661MAQ	10.8	*	340	500
2001	Cummins	1CEXH0661MAR	10.8	*	280	380
2001	Cummins	1CEXH0855NAD	14	*	435	525
2001	Cummins	1CEXH0855NAE	14	*	370	475
2001	Cummins	1CEXH0855NAF	14	*	330	410
2001	Cummins	1CEXH0912XAC	14.9	*	500	530
2001	Cummins	1CEXH0912XAD	14.9	*	425	458
2001	Detroit Diesel Corporation	1DDXH08.5EJB	8.5	*	350	350
2001	Detroit Diesel Corporation	1DDXH08.5EJL	8.5	*	250	320
2001	Detroit Diesel Corporation	1DDXH08.5FJY	8.5	*	275	275
2001	Detroit Diesel Corporation	1DDXH12.7EGL	12.7	*	330	470
2001	Detroit Diesel Corporation	1DDXH14.0ELL	14	*	550	575
2001	General Engine Products	1GEPH06.5CFF	6.5	*	160	160
2001	General Motors	1GMXH06.5521	6.5	*	190	195
2001	General Motors	1GMXH06.5526	6.5	*	127	160
2001	Hino	1HMXH05.3JTD	5.3	*	168	168
2001	Hino	1HMXH08.0JTR	8	*	252	252
2001	Hino	1HMXH08.0JTP	8	*	200	217
2001	International	1NVXH07.3ACE	7.3	*	275	275
2001	International	1NVXH07.3ANA	7.3	*	235	250
2001	International	1NVXH0444ANA	7.3	*	215	215
2001	International	1NVXH0444ANB	7.3	*	175	210
2001	International	1NVXH0444ANC	7.3	*	215	250
2001	International	1NVXH0466ANA	7.6	*	175	215
2001	International	1NVXH0466ANB	7.6	*	230	250
2001	International	1NVXH0530ANA	8.7	*	275	280
2001	International	1NVXH0530ANB	8.7	*	300	330
2001	International	1NVXH0530ACT	8.7	*	280	280
2001	Isuzu	1SZXH04.83AA	4.8	*	142	175
2001	Isuzu	1SZXH07.84RA	7.8	*	200	230
2001	Mack	1MKXH11.9H56	11.9	*	292	487
2001	Mack	1MKXH11.9H59	11.9	*	300	487
2001	Mack	1MKXH11.9V57	11.9	*	300	400
2001	Mack	1MKXH11.9V60	11.9	*	300	400
2001	Mack	1MKXH11.9V61	11.9	*	292	300
2001	Mercedes-Benz	1MBXH4.25DJA	4.2	*	150	190
2001	Mercedes-Benz	1MBXH6.37DJA	6.4	*	190	300
2001	Mercedes-Benz	1MBXH6.37DJC	6.4	*	190	210

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2001	Mercedes-Benz	1MBXH12.0DJA	12	*	355	355
2001	Mercedes-Benz	1MBXH12.8DJA	12.8	*	435	450
2001	Mitsubishi	1MTXH03.9D4A	3.9	*	145	145
2001	Mitsubishi	1MTXH04.8M5A	4.9	*	175	175
2001	Mitsubishi	1MTXH05.8D6A	5.9	*	175	175
2001	Mitsubishi	1MTXH07.5D6A	7.5	*	200	230
2001	Nissan	1NDXH04.6FAB	4.6	*	145	175
2001	Nissan	1NDXH06.9FAB	6.9	*	225	225
2001	Volvo	1VTXH07.350S	7.3	*	275	300
2001	Volvo	1VTXH12.150S	12.1	*	345	465
2002	Caterpillar	2CPXH0442HAK	7.2	*	207	230
2002	Caterpillar	2CPXH0442HBV	7.2	*	207	330
2002	Caterpillar	2CPXH0442HBX	7.2	*	175	330
2002	Caterpillar	2CPXH0442HRK	7.2	*	175	330
2002	Caterpillar	2CPXH0629EBX	10.3	*	315	365
2002	Caterpillar	2CPXH0629ERK	10.3	*	305	370
2002	Caterpillar	2CPXH0729EBX	11.9	*	370	505
2002	Caterpillar	2CPXH0729ERK	11.9	*	355	505
2002	Caterpillar	2CPXH0893EBX	14.6	*	425	525
2002	Caterpillar	2CPXH0893ERK	14.6	*	435	475
2002	Cummins	2CEXH0239BAD	3.9	*	144	169
2002	Cummins	2CEXH0239BAE	3.9	*	144	169
2002	Cummins	2CEXH0359BAB	5.9	*	175	300
2002	Cummins	2CEXH0359BAC	5.9	*	175	215
2002	Cummins	2CEXH0505CAM	8.3	*	265	289
2002	Cummins	2CEXH0505CAN	8.3	*	330	350
2002	Cummins	2CEXH0505CAQ	8.3	*	225	315
2002	Cummins	2CEXH0540LAB	8.8	*	265	317
2002	Cummins	2CEXH0540LAC	8.8	*	319	400
2002	Cummins	2CEXH0661MAP	10.8	*	280	330
2002	Cummins	2CEXH0661MAS	10.8	*	280	400
2002	Cummins	2CEXH0855NAA	14.0	*	330	525
2002	Cummins	2CEXH0912XAF	14.9	*	425	530
2002	Cummins	2CEXH0912XAG	14.9	*	425	525
2002	DaimlerChrysler	2MBXH4.25DJA	4.3	*	150	190
2002	DaimlerChrysler	2MBXH6.37DJA	6.4	*	190	300
2002	DaimlerChrysler	2MBXH6.37DJC	6.4	*	190	250
2002	DaimlerChrysler	2MBXH12.0DJA	12	*	355	355
2002	DaimlerChrysler	2MBXH12.8DJA	12.8	*	350	450
2002	DaimlerChrysler	2MBXH15.9DJB	11.9	*	308	450
2002	Detroit Diesel Corporation	2DDXH08.5EJL	8.5	*	250	350
2002	Detroit Diesel Corporation	2DDXH08.5FJY	8.5	*	250	330
2002	Detroit Diesel Corporation	2DDXH12.7EGL	12.7	*	330	500
2002	Detroit Diesel Corporation	2DDXH12.7FGN	12.7	*	350	400
2002	Detroit Diesel Corporation	2DDXH14.0ELL	14.0	*	500	575
2002	General Engine Products	2GEPH06.5CFF	6.5	*	160	160
2002	General Engine Products	2GEPH06.5521	6.5	*	190	195
2002	General Engine Products	2GEPH06.5527	6.5	*	195	195
2002	General Motors	2GMXH06.5521	6.5	*	195	195
2002	Hino	2HMXH05.3JTD	5.3	*	168	168
2002	Hino	2HMXH08.0JTP	8.0	*	200	217

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2002	Hino	2HMXH08.0JTR	8.0	*	252	252
2002	International	2NVXH0365AEA	6.0	*	175	215
2002	International	2NVXH07.3ACE	7.3	*	275	275
2002	International	2NVXH07.3ANA	7.3	*	250	250
2002	International	2NVXH0444ANA	7.3	*	215	215
2002	International	2NVXH0444ANB	7.3	*	175	210
2002	International	2NVXH0444ANC	7.3	*	215	250
2002	International	2NVXH0466ANA	7.6	*	175	215
2002	International	2NVXH0466ANB	7.6	*	230	250
2002	International	2NVXH0530ANA	8.7	*	275	280
2002	International	2NVXH0530ANB	8.7	*	300	330
2002	International	2NVXH0530ANC	8.7	*	280	340
2002	Isuzu	2SZXH04.83AA	4.8	*	175	175
2002	Isuzu	2SZXH06.64RA	6.6	*	210	300
2002	Isuzu	2SZXH07.84RA	7.2	7.8	175	275
2002	Mack	2MKXH11.9H59	11.9	*	300	400
2002	Mack	2MKXH11.9H63	11.9	*	427	487
2002	Mack	2MKXH11.9H64	11.9	*	300	480
2002	Mack	2MKXH11.9V60	11.9	*	300	400
2002	Mack	2MKXH11.9V61	11.9	*	292	318
2002	Mitsubishi	2MTXH03.9D4A	3.9	*	145	145
2002	Mitsubishi	2MTXH04.8M5A	4.9	*	175	175
2002	Mitsubishi	2MTXH05.8D6A	5.9	*	175	175
2002	Mitsubishi	2MTXH07.5D6A	7.5	*	230	230
2002	Nissan	2NDXH04.6FAB	4.6	*	145	175
2002	Nissan	2NDXH06.9FAB	6.9	*	225	225
2002	Renault	2R3XH0377BNA	6.2	*	210	250
2002	Renault	2R3XH0377CNA	6.2	*	210	250
2002	Volvo	2VTXH07.350S	7.3	*	275	300
2002	Volvo	2VTXH12.150S	12.1	*	345	465
2003	Caterpillar	3CPXH0442HBV	7.2	*	207	330
2003	Caterpillar	3CPXH0442HBX	7.2	*	207	330
2003	Caterpillar	3CPXH0629EBV	10.3	*	315	365
2003	Caterpillar	3CPXH0629EBX	10.3	*	315	350
2003	Caterpillar	3CPXH0729EBV	11.9	*	370	505
2003	Caterpillar	3CPXH0729EBX	11.9	*	395	445
2003	Caterpillar	3CPXH0893EBV	14.6	*	435	475
2003	Cummins	3CEXH0239BAD	3.9	*	144	169
2003	Cummins	3CEXH0359BAG	5.9	*	185	230
2003	Cummins	3CEXH0359BAH	5.9	*	240	300
2003	Cummins	3CEXH0505CAN	8.3	*	330	350
2003	Cummins	3CEXH0505CAQ	8.3	*	225	315
2003	Cummins	3CEXH0540LAC	8.8	*	319	400
2003	Cummins	3CEXH0661MAT	10.8	*	340	450
2003	Cummins	3CEXH0661MAU	10.8	*	319	380
2003	Cummins	3CEXH0912XAH	14.9	*	425	525
2003	Cummins	3CEXH0912XAJ	14.9	*	400	450
2003	DaimlerChrysler	3MBXH4.25DJA	4.3	*	150	190
2003	DaimlerChrysler	3MBXH4.25DJC	4.3	*	170	170
2003	DaimlerChrysler	3MBXH6.37DJA	6.4	*	190	300
2003	DaimlerChrysler	3MBXH6.37DJC	6.4	*	190	250

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2003	DaimlerChrysler	3MBXH12.0DJA	12	*	355	355
2003	DaimlerChrysler	3MBXH12.8DJA	12.8	*	350	450
2003	DaimlerChrysler	3MBXH15.9DJB	11.9	*	308	450
2003	Detroit Diesel Corporation	3DDXH12.7EGY	12.7	*	375	430
2003	Detroit Diesel Corporation	3DDXH14.0ELY	14	*	435	500
2003	General Engine Products	3GEPH06.5CFF	6.5	*	160	160
2003	General Engine Products	3GEPH06.5521	6.5	*	190	195
2003	General Engine Products	3GEPH06.5527	6.5	*	195	195
2003	Hino	3HMXH05.3JTD	5.3	*	168	168
2003	Hino	3HMXH08.0JTP	8	*	200	232
2003	Hino	3HMXH08.0JTR	8	*	252	252
2003	International	3NVXH06.0AEA	6	*	325	325
2003	International	3NVXH0365AEA	6	*	175	230
2003	International	3NVXH0444ANB	7.3	*	175	210
2003	International	3NVXH0444ANC	7.3	*	215	250
2003	International	3NVXH0466ANA	7.6	*	175	215
2003	International	3NVXH0466ANB	7.6	*	230	250
2003	International	3NVXH0530ANA	8.7	*	275	280
2003	International	3NVXH0530ANB	8.7	*	300	330
2003	International	3NVXH0530ANC	8.7	*	280	340
2003	Isuzu	3SZXH04.83AA	4.8	*	142	175
2003	Isuzu	3SZXH06.64RA	6.6	*	210	300
2003	Isuzu	3SZXH07.84AA	7.8	*	200	200
2003	Isuzu	3SZXH07.84RA	7.8	*	200	275
2003	Mack	3MKXH11.9H64	11.9	*	300	480
2003	Mack	3MKXH11.9H70	11.9	*	330	480
2003	Mitsubishi	3MTXH03.9D4A	3.9	*	145	145
2003	Mitsubishi	3MTXH04.8M5A	4.9	*	175	175
2003	Mitsubishi	3MTXH05.8D6A	5.9	*	175	175
2003	Mitsubishi	3MTXH07.5D6A	7.5	*	200	230
2003	Nissan	3NDXH04.6FAB	4.6	*	145	175
2003	Nissan	3NDXH06.9FAB	6.9	*	225	225
2003	Volvo	3VTXH12.150S	12.1	*	365	465
2004	Caterpillar	4CPXH0442HBK	7.2	*	207	330
2004	Caterpillar	4CPXH0537HBK	8.8	*	335	400
2004	Caterpillar	4CPXH0537HBX	8.8	*	335	350
2004	Caterpillar	4CPXH0680EBK	11.1	*	315	400
2004	Caterpillar	4CPXH0763EBK	12.5	*	395	525
2004	Caterpillar	4CPXH0928EBK	15.2	*	435	450
2004	Cummins	4CEXH0359BAG	5.9	*	185	230
2004	Cummins	4CEXH0359BAH	5.9	*	245	300
2004	Cummins	4CEXH0505CAR	8.3	*	256	326
2004	Cummins	4CEXH0505CAS	8.3	*	240	260
2004	Cummins	4CEXH0540LAE	8.8	*	310	380
2004	Cummins	4CEXH0661MAT	10.8	*	340	500
2004	Cummins	4CEXH0661MAU	10.8	*	319	380
2004	Cummins	4CEXH0912XAH	14.9	*	425	530
2004	Cummins	4CEXH0912XAJ	14.9	*	408	450
2004	DaimlerChrysler	4MBXH4.25DJA	4.3	*	150	170
2004	DaimlerChrysler	4MBXH6.37DJA	6.4	*	190	260
2004	DaimlerChrysler	4MBXH12.8DJA	12.8	*	350	450

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2004	Detroit Diesel Corporation	4DDXH12.7EGY	12.7	*	380	455
2004	Detroit Diesel Corporation	4DDXH14.0ELY	14	*	455	515
2004	General Engine Products	4GEPH06.5527	6.5		205	205
2004	Hino	4HMXH04.7JTA	4.7	*	175	175
2004	Hino	4HMXH07.7JTA	7.7	*	220	230
2004	Hino	4HMXH07.7JTB	7.7	*	260	260
2004	International	4NVXH06.0AEB	6	*	235	325
2004	International	4NVXH0365AEB	6	*	175	230
2004	International	4NVXH0466AEA	7.6	*	210	300
2004	International	4NVXH0466ANA	7.6	*	175	215
2004	International	4NVXH0466ANB	7.6	*	230	250
2004	International	4NVXH0530ANA	8.7	*	275	280
2004	International	4NVXH0530ANB	8.7	*	300	330
2004	International	4NVXH0530ANC	8.7	*	280	340
2004	International	4NVXH0570AEA	9.3	*	285	340
2004	Isuzu	4SZXH05.23AA	5.2	*	190	190
2004	Isuzu	4SZXH06.64AA	6.6	*	210	300
2004	Isuzu	4SZXH07.84RA	7.8	*	195	300
2004	Isuzu	4SZXH06.64AW	6.6	*	300	300
2004	Isuzu	4SZXH07.84RW	7.8	*	200	230
2004	Mack	4MKXH11.9H64	11.9	*	310	480
2004	Mack	4MKXH11.9H70	11.9	*	310	480
2004	Mack	4MKXH11.9H73	11.9	*	427	427
2004	Volvo	4VTXH12.150S	12.1	*	365	465
2005	Caterpillar	5CPXH0442HBK	7.2	*	207	350
2005	Caterpillar	5CPXH0537HBK	8.8	*	335	400
2005	Caterpillar	5CPXH0680EBK	11.1	*	315	385
2005	Caterpillar	5CPXH0763EBK	12.5	*	395	525
2005	Caterpillar	5CPXH0928EBK	15.2	*	435	450
2005	Cummins	5CEXH0661MAX	10.8	*	400	500
2005	Cummins	5CEXH0359BAB	5.9	*	260	260
2005	Cummins	5CEXH0359BAF	5.9	*	245	275
2005	Cummins	5CEXH0359BAG	5.9	*	185	230
2005	Cummins	5CEXH0359BAH	5.9	*	300	300
2005	Cummins	5CEXH0505CAR	8.3	*	326	326
2005	Cummins	5CEXH0505CAX	8.3	*	255	326
2005	Cummins	5CEXH0505CAY	8.3	*	240	260
2005	Cummins	5CEXH0540LAE	8.8	*	310	400
2005	Cummins	5CEXH0540LAH	8.8	*	400	400
2005	Cummins	5CEXH0540LAI	8.8	*	350	350
2005	Cummins	5CEXH0661MAT	10.8	*	340	500
2005	Cummins	5CEXH0661MAU	10.8	*	291	380
2005	Cummins	5CEXH0912XAH	14.9	*	425	530
2005	Cummins	5CEXH0912XAJ	14.9	*	400	450
2005	DaimlerChrysler	5MBXH4.25DJA	4.3	*	150	170
2005	DaimlerChrysler	5MBXH7.20DJA	4.8	7.2	190	300
2005	DaimlerChrysler	5MBXH6.37DJA	6.4	*	190	260
2005	DaimlerChrysler	5MBXH12.8DJA	12.8	*	350	450
2005	Detroit Diesel Corporation	5DDXH12.7EGY	12.7	*	380	455
2005	Detroit Diesel Corporation	5DDXH14.0ELY	14	*	455	515
2005	General Motors	5GMXH06.6592	6.6	*	210	300

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2005	General Motors	5GMXH06.6593	6.6		300	300
2005	Hino	5HMXH04.7JTA	4.7	*	175	175
2005	Hino	5HMXH07.7JTA	7.7	*	220	230
2005	Hino	5HMXH07.7JTB	7.7	*	260	260
2005	International	5NVXH0275AEA	4.5	*	200	200
2005	International	5NVXH06.0AEC	6	*	235	325
2005	International	5NVXH0365AEC	6	*	175	230
2005	International	5NVXH0466AEA	7.6	*	210	300
2005	International	5NVXH0570AEA	9.3	*	285	340
2005	Isuzu	5SZXH05.23AB	5.2	*	190	190
2005	Isuzu	5SZXH07.84RA	7.8	*	250	300
2005	Isuzu	5SZXH07.84RB	7.8	*	200	230
2005	Isuzu	5SZXH07.84RW	7.8	*	200	230
2005	Mack	5MKXH11.9H70	11.9	*	310	480
2005	Mack	5MKXH11.9H73	11.9	*	427	427
2005	Mitsubishi Fuso	5MFTH04.9M5A	4.9	*	147	175
2005	Mitsubishi Fuso	5MFTH07.5M6A	7.5	*	243	274
2005	Volvo	5VTXH12.150S	12.1	*	365	465
2006	Caterpillar	6CPXH0442HBK	7.2	*	207	350
2006	Caterpillar	6CPXH0537HBK	8.8	*	335	400
2006	Caterpillar	6CPXH0680EBK	11.1	*	315	385
2006	Caterpillar	6CPXH0763EBK	12.5	*	395	525
2006	Caterpillar	6CPXH0928EBK	15.2	*	435	450
2006	Cummins	6CEXH0359BAF	5.9	*	260	260
2006	Cummins	6CEXH0359BAF	5.9	*	245	325
2006	Cummins	6CEXH0359BAG	5.9	*	185	230
2006	Cummins	6CEXH0359BAH	5.9	*	300	300
2006	Cummins	6CEXH0359BAI	5.9	*	217	217
2006	Cummins	6CEXH0505CAX	8.3	*	255	326
2006	Cummins	6CEXH0505CAY	8.3	*	240	260
2006	Cummins	6CEXH0540LAI	8.8	*	350	350
2006	Cummins	6CEXH0540LAJ	8.8	*	310	400
2006	Cummins	6CEXH0661MAT	10.8	*	340	500
2006	Cummins	6CEXH0661MAU	10.8	*	291	380
2006	Cummins	6CEXH0661MAX	10.8	*	400	500
2006	Cummins	6CEXH0912XAH	14.9	*	425	530
2006	Cummins	6CEXH0912XAJ	14.9	*	400	450
2006	DaimlerChrysler	6MBXH4.25DJA	4.3	*	150	170
2006	DaimlerChrysler	6MBXH7.20DJA	4.8	7.2	190	330
2006	DaimlerChrysler	6MBXH6.37DJA	6.4	*	190	260
2006	DaimlerChrysler	6MBXH12.8DJA	12.8	*	350	450
2006	Detroit Diesel Corporation	6DDXH12.7EGY	12.7	*	380	455
2006	Detroit Diesel Corporation	6DDXH14.0ELY	14	*	455	515
2006	General Motors	6GMXH06.6591	6.6	*	250	300
2006	Hino	6HMXH04.7JTA	4.7	*	175	175
2006	Hino	6HMXH07.7JTA	7.7	*	220	230
2006	Hino	6HMXH07.7JTB	7.7	*	260	260
2006	International	6NVXH0275AEA	4.5	*	200	200
2006	International	6NVXH06.0AEC	6	*	235	325
2006	International	6NVXH0365AEC	6	*	175	300
2006	International	6NVXH0466AEA	7.6	*	210	300

Model Year	Manufacturer	Engine Family	Displacement (Liter)		Horsepower (HP)	
			1	2	Min.	Max.
2006	International	6NVXH0570AEA	9.3	*	285	340
2006	Isuzu	6SZXH05.23AB	5.2	*	190	190
2006	Isuzu	6SZXH07.84RA	7.8	*	250	300
2006	Isuzu	6SZXH07.84RW	7.8	*	200	230
2006	Mack	6MKXH10.8C02	10.8	*	335	405
2006	Mack	6MKXH11.9H70	11.9	*	310	480
2006	Mack	6MKXH11.9H73	11.9	*	427	427
2006	Mitsubishi Fuso	6MFTH04.9M5A	4.9	*	147	175
2006	Mitsubishi Fuso	6MFTH07.5M6A	7.5	*	243	274
2006	Volvo	6VTXH12.150S	12.1	*	365	465
2007	Cummins	7CEXH0661MAC	10.8	*	500	500
2007	International	7NVXH06.0AEC	6	*	235	253
2008	Cummins	8CEXH0661MAC	10.8	*	425	500
2008	International	8NVXH06.0AEC	6	*	235	235
2009	Cummins	9CEXH0661MAC	10.8	*	425	500
2009	International	9NVXH06.0AEC	6	*	235	235

SUPERSEDED