

Attachment 1
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Table 1: ARB Approved On-Road Engines (no DOC) for HUSS' FS-MK

Note: For model years 1988 through 1994 see Table 3.

Model Year	Manufacturer	Engine Family	Displacement (L)
1995	Caterpillar	SCP629EZDARK	10.3
1995	Caterpillar	SCP638EZDARA	10.5
1995	Caterpillar	SCP893EZDARK	14.6
1995	Caterpillar	SCP629EZDARM	10.3
1995	Caterpillar	SCP442DZDARK	7.1
1995	Caterpillar	SCP403DZDARK	6.6
1995	Caterpillar	SCP729EZDARL	12
1995	Cummins	SCE611EGDARW	10
1995	Cummins	SCE661EJDARC	11
1995	Cummins	SCE661EJDARA	11
1995	Cummins	SCE661EJDARW	10.8
1995	Cummins	SCE855EJDASW	14
1995	Cummins	SCE855EJDARW	14
1995	Cummins	SCE661EJDATW	10.8
1995	Cummins	SCE661EJDASW	10.8
1995	Cummins	SCE855EJDATW	14
1995	Cummins	SCE855EJDARA	14
1995	Cummins	SCE855EJDARB	14
1995	Detroit Diesel Corporation	SDD11.EJDARA	11.1
1995	Detroit Diesel Corporation	SDD12.EJDARA	12.7
1995	Detroit Diesel Corporation	SDD8.5EJDARA	8.5
1995	Detroit Diesel Corporation	SDD8.5EJDARW	8.5
1995	General Motors	SGM6.5C6DARW	6.5
1995	Hino	SHM6.5D7DARW	6.5
1995	Hino	SHM3.8C7DARW	3.8
1995	International	SNV530D6DARA	8.7
1995	International	SNV444C8D0RA	7.3
1995	International	SNV530E6DASA	8.7
1995	International	SNV466D6DARA	7.6
1995	International	SNV466D6DASA	7.6
1995	International	SNV466D6DATA	7.6
1995	International	SNV444C8D0SA	7.3
1995	International	SNV466D8DARB	7.6
1995	International	SNV466D8DASB	7.6
1995	International	SNV466D8DATB	7.6
1995	Isuzu	SSZ3.9C6DARW	3.9
1995	Mack	SMK728EJDARA	11.9
1995	Mack	SMK728EGDARA	11.9
1995	Mercedes-Benz	SMB6.0D6DARA	6
1995	Volvo	SVT6.7D6DBRA	6.7
1995	Volvo	SVT12.EJDBRA	12.1
1996	Caterpillar	TCP729EZDARL	12
1996	Caterpillar	TCP638EZDARA	10.5
1996	Caterpillar	TCP629EZDARK	10.3
1996	Caterpillar	TCP893EZDARK	14.6
1996	Caterpillar	TCP629EZDARM	10.3
1996	Caterpillar	TCP442DZDARK	7.1

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Model Year	Manufacturer	Engine Family	Displacement (L)
1996	Caterpillar	TCP403DZDARK	6.6
1996	Cummins	TCE855EJDARW	14
1996	Cummins	TCE855EJDASW	14
1996	Cummins	TCE855EJDATW	14
1996	Cummins	TCE855EJDARA	14
1996	Cummins	TCE855EJDARB	14
1996	Cummins	TCE661EJDARW	10.8
1996	Cummins	TCE661EJDASW	10.8
1996	Cummins	TCE661EJDARA	10.8
1996	Cummins	TCE661EJDATW	10.8
1996	Cummins	TCE661EJDARB	10.8
1996	Cummins	TCE661EJDARC	10.8
1996	Detroit Diesel Corporation	TDD11.EJDARA	11.1
1996	Detroit Diesel Corporation	TDD12.EJDARA	12.7
1996	Detroit Diesel Corporation	TDD8.5EJDARA	8.5
1996	Detroit Diesel Corporation	TDD8.5EJDARW	8.5
1996	Detroit Diesel Corporation	TDD12.EJDATW	12
1996	Hino	THM6.5D7DARW	6.5
1996	Hino	THM3.8C7DARW	3.8
1996	International	TNV530D8DARA	8.7
1996	International	TNV530E8DASA	8.7
1996	International	TNV444C8D0RA	7.3
1996	International	TNV444C8D0SA	7.3
1996	International	TNV466D6DARB	7.6
1996	International	TNV466D6DATB	7.6
1996	International	TNV466D8DARB	7.6
1996	International	TNV466D8DATB	7.6
1996	International	TNV530D6DARA	8.7
1996	International	TNV530E6DASA	8.7
1996	Isuzu	TSZ3.9C6DARW	3.9
1996	Mack	TMK728EGDARA	11.9
1996	Mack	TMK728EJDARA	11.9
1996	Volvo	TVT6.7D6DBRA	6.7
1996	Volvo	TVT12.EJDBRA	12.1
1997	Caterpillar	VCP403DZDARK	6.6
1997	Caterpillar	VCP442DZDARK	7.1
1997	Caterpillar	VCP638EZDARA	10.5
1997	Caterpillar	VCP629EZDARK	10.3
1997	Caterpillar	VCP629EZDARX	10.3
1997	Caterpillar	VCP729EZDARX	12
1997	Caterpillar	VCP893EZDARA	14.6
1997	Caterpillar	VCP893EZDARX	14.6
1997	Caterpillar	VCP967EZDARK	15.8
1997	Cummins	VCE855EJDATW	14
1997	Cummins	VCE855EJDARA	14
1997	Cummins	VCE855EJDARB	14
1997	Cummins	VCE661EJDATW	10.8
1997	Cummins	VCE661EJDARB	10.8
1997	Cummins	VCE661EJDARC	10.8
1997	Cummins	VCE855EJDARC	14

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Model Year	Manufacturer	Engine Family	Displacement (L)
1997	Cummins	VCE661EJDASA	10.8
1997	Cummins	VCE359DJDARA	5.9
1997	Detroit Diesel Corporation	VDD11.EJDARA	11.1
1997	Detroit Diesel Corporation	VDD12.EJDARA	12.7
1997	Detroit Diesel Corporation	VDD8.5EJDARA	8.5
1997	Detroit Diesel Corporation	VDD12.EJDATA	12
1997	General Motors	VGM6.5C6DARW	6.5
1997	Hino	VHM8.0DHDARA	8
1997	International	VNV530E8DASA	8.7
1997	International	VNV530D8DARA	8.7
1997	International	VNV530E6DASA	8.7
1997	International	VNV530D6DARA	8.7
1997	International	VNV466D6DARA	7.6
1997	International	VNV466D8DARW	7.6
1997	International	VNV466D8DASA	7.6
1997	International	VNV444C8DARW	7.3
1997	International	VNV444C8DASW	7.3
1997	Isuzu	VSZ3.9C6DARA	3.9
1997	Mack	VMK728EGDARA	11.9
1997	Mack	VMK728EJDARA	11.9
1997	Mack	VMK728EJDAYW	11.9
1997	Volvo	VVT12.EJDBRA	12.1
1997	Volvo	VVT6.7D6DBRA	6.7
1998	Caterpillar	WCPXH0442HSK	7.1
1998	Caterpillar	WCPXH0442HRK	7.1
1998	Caterpillar	WCPXH0729ERK	12
1998	Caterpillar	WCPXH0629ERK	10.3
1998	Caterpillar	WCPXH0893ERK	14.6
1998	Caterpillar	WCPXH0967ERK	15.8
1998	Cummins	WCEXH0359BAE	5.9
1998	Cummins	WCEXH0359BAD	5.9
1998	Cummins	WCEXH0855NAA	14
1998	Cummins	WCEXH0855NAB	14
1998	Cummins	WCEXH0855NAC	14
1998	Cummins	WCEXH0855NAC	14
1998	Cummins	WCEXH0505CAE	8.3
1998	Cummins	WCEXH0661MAA	10.8
1998	Cummins	WCEXH0661MAB	10.8
1998	Cummins	WCEXH0661MAD	10.8
1998	Cummins	WCEXH0661MAE	10.8
1998	Cummins	WCEXH0505CAC	8.3
1998	Cummins	WCEXH0505CAD	8.3
1998	Cummins	WCEXH0505CAF	8.3
1998	Cummins	WCEXH0912XAA	14.9
1998	Detroit Diesel Corporation	WDDXH08.5EJD	8.5
1998	Detroit Diesel Corporation	WDDXH12.7EGD	12.7
1998	Detroit Diesel Corporation	WDDXH11.1EHD	11.1
1998	General Motors	WGMXH06.5523	6.5
1998	Isuzu	WSZXH07.84RA	7.8
1998	Mack	WMKXH11.9E51	11.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
1998	Mack	WMKXH11.9E52	11.9
1998	Mack	WMKXH11.9E53	11.9
1998	Mercedes-Benz	WMBXH4.25DJA	4.2
1998	Volvo	WVTXH07.350S	7.3
1998	Volvo	WVTXH12.150S	12.1
1999	Caterpillar	XCPXH0442HRK	7.1
1999	Caterpillar	XCPXH0629ERK	10.3
1999	Caterpillar	XCPXH0729ERK	12
1999	Caterpillar	XCPXH0893ERK	14.6
1999	Caterpillar	XCPXH0967ERK	15.8
1999	Caterpillar	XCPXH0442HSK	7.2
1999	Cummins	XCEXH0505CAC	8.3
1999	Cummins	XCEXH0505CAD	8.3
1999	Cummins	XCEXH0505CAE	8.3
1999	Cummins	XCEXH0359BAJ	5.9
1999	Cummins	XCEXH0359BAK	5.9
1999	Cummins	XCEXH0661MAH	10.8
1999	Cummins	XCEXH0661MAI	10.8
1999	Cummins	XCEXH0855NAD	14
1999	Cummins	XCEXH0855NAE	14
1999	Cummins	XCEXH0855NAF	14
1999	Cummins	XCEXH0912XAB	14.9
1999	Cummins	XCEXH0912XAD	14.9
1999	Detroit Diesel Corporation	XDDXH12.7EGL	12.7
1999	Detroit Diesel Corporation	XDDXH11.1EHL	11.1
1999	Detroit Diesel Corporation	XDDXH08.5EJL	8.5
1999	Detroit Diesel Corporation	XDDXH14.0ELL	14
1999	General Motors	XGMXH06.5523	6.5
1999	International	XNVXH0444ANA	7.3
1999	International	XNVXH0444ANB	7.3
1999	International	XNVXH0466ANA	7.6
1999	International	XNVXH0466ANB	7.6
1999	International	XNVXH0530ANA	8.6
1999	International	XNVXH0530ANB	8.6
1999	International	XNVXH07.3ANE	7.3
1999	Isuzu	XSZXH07.84RA	7.8
1999	Mack	XMKXH11.9E54	11.9
1999	Mercedes-Benz	XMBXH6.37DJA	6.4
1999	Mercedes-Benz	XMBXH4.25DJA	4.2
1999	Volvo	XVTXH12.150S	12.1
1999	Volvo	XVTXH07.350S	7.3
1999	Volvo	XVTXH07.399B	7.3
2000	Caterpillar	YCPXH0442HRK	7.2
2000	Caterpillar	YCPXH0629ERK	10.3
2000	Caterpillar	YCPXH0729ERK	12
2000	Caterpillar	YCPXH0893ERK	14.6
2000	Caterpillar	YCPXH0967ERK	15.8
2000	Cummins	YCEXH0359BAO	5.9
2000	Cummins	YCEXH0359BAP	5.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
2000	Cummins	YCEXH0505CAG	8.3
2000	Cummins	YCEXH0505CAH	8.3
2000	Cummins	YCEXH0505CAI	8.3
2000	Cummins	YCEXH0540LAA	8.8
2000	Cummins	YCEXH0912XAC	14.9
2000	Cummins	YCEXH0912XAD	14.9
2000	Cummins	YCEXH0855NAF	14
2000	Cummins	YCEXH0855NAE	14
2000	Cummins	YCEXH0855NAD	14
2000	Cummins	YCEXH0912XAE	14.9
2000	Cummins	YCEXH0661MAH	11
2000	Cummins	YCEXH0661MAI	11
2000	DaimlerChrysler	YMBXH6.37DJA	6.4
2000	DaimlerChrysler	YMBXH4.25DJA	4.2
2000	Detroit Diesel Corporation	YDDXH14.0ELL	14
2000	Detroit Diesel Corporation	YDDXH12.7EGL	12.7
2000	Detroit Diesel Corporation	YDDXH08.5EJL	8.5
2000	Detroit Diesel Corporation	YDDXH08.5EJB	8.5
2000	International	YNVXH0444ANA	7.3
2000	International	YNVXH0466ANA	7.6
2000	International	YNVXH0466ANB	7.6
2000	International	YNVXH0530ANA	8.7
2000	International	YNVXH0530ANB	8.7
2000	International	YNVXH07.3ANA	7.3
2000	International	YNVXH0444ANB	7.3
2000	International	YNVXH0444ANC	7.3
2000	Isuzu	YSZXH07.84RA	7.8
2000	Mack	YMKXH11.9E56	11.9
2000	Mack	YMKXH11.9V57	11.9
2000	Volvo	YVTXH12.150S	12.1
2000	Volvo	YVTXH07.350S	7.3
2001	Caterpillar	1CPXH0442HRK	7.3
2001	Caterpillar	1CPXH0629ERK	10.3
2001	Caterpillar	1CPXH0729ERK	12
2001	Caterpillar	1CPXH0893ERK	14.6
2001	Caterpillar	1CPXH0967ERK	15.8
2001	Cummins	1CEXH0239BAD	3.9
2001	Cummins	1CEXH0239BAE	3.9
2001	Cummins	1CEXH0359BAU	5.9
2001	Cummins	1CEXH0359BAV	5.9
2001	Cummins	1CEXH0505CAN	8.3
2001	Cummins	1CEXH0661MAQ	10.6
2001	Cummins	1CEXH0661MAR	10.6
2001	Cummins	1CEXH0912XAC	15
2001	Cummins	1CEXH0912XAD	15
2001	Cummins	1CEXH0912XAE	15
2001	Cummins	1CEXH0505CAO	8.3
2001	Cummins	1CEXH0505CAP	8.3
2001	Cummins	1CEXH0540LAA	8.8
2001	Cummins	1CEXH0855NAD	14

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Cummins	1CEXH0855NAE	14
2001	Cummins	1CEXH0855NAF	14
2001	Cummins	1CEXH0540LAC	8.8
2001	Detroit Diesel Corporation	1DDXH08.5EJB	8.5
2001	Detroit Diesel Corporation	1DDXH08.5EJL	8.5
2001	Detroit Diesel Corporation	1DDXH12.7EGL	12.7
2001	Detroit Diesel Corporation	1DDXH14.0ELL	14
2001	International	1NVXH07.3ANA	7.3
2001	International	1NVXH0444ANA	7.3
2001	International	1NVXH0444ANB	7.3
2001	International	1NVXH0444ANC	7.3
2001	International	1NVXH0466ANA	7.6
2001	International	1NVXH0466ANB	7.6
2001	International	1NVXH0530ANA	8.7
2001	International	1NVXH0530ANB	8.7
2001	Isuzu	1SZXH07.84RA	7.8
2001	Mack	1MKXH11.9H56	11.9
2001	Mack	1MKXH11.9V57	11.9
2001	Mack	1MKXH11.9H59	11.9
2001	Mack	1MKXH11.9V60	11.9
2001	Mack	1MKXH11.9V61	11.9
2001	Mercedes-Benz	1MBXH6.37DJC	6.37
2001	Mercedes-Benz	1MBXH4.25DJA	4.25
2001	Mercedes-Benz	1MBXH6.37DJA	6.37
2001	Mercedes-Benz	1MBXH12.0DJA	12
2001	Mercedes-Benz	1MBXH12.8DJA	12.8
2001	Volvo	1VTXH07.350S	7.3
2001	Volvo	1VTXH12.150S	12.1
2002	Caterpillar	2CPXH0442HRK	7.2
2002	Caterpillar	2CPXH0629ERK	9.9
2002	Caterpillar	2CPXH0729ERK	11.9
2002	Caterpillar	2CPXH0893ERK	14.5
2002	Caterpillar	2CPXH0967ERK	15.7
2002	Cummins	2CEXH0239BAD	3.9
2002	Cummins	2CEXH0239BAE	3.9
2002	Cummins	2CEXH0359BAB	5.9
2002	Cummins	2CEXH0505CAN	8.3
2002	Cummins	2CEXH0505CAQ	8.3
2002	Cummins	2CEXH0540LAC	8.8
2002	Cummins	2CEXH0661MAS	10.8
2002	Cummins	2CEXH0855NAA	14.0
2002	Cummins	2CEXH0912XAF	15.0
2002	DaimlerChrysler	2MBXH4.25DJA	4.25
2002	DaimlerChrysler	2MBXH6.37DJA	6.37
2002	DaimlerChrysler	2MBXH6.37DJC	6.37
2002	DaimlerChrysler	2MBXH12.0DJA	12
2002	DaimlerChrysler	2MBXH12.8DJA	12.8
2002	DaimlerChrysler	2MBXH15.9DJB	15.9
2002	Detroit Diesel Corporation	2DDXH08.5EJL	8.5
2002	Detroit Diesel Corporation	2DDXH12.7EGL	12.7

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Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Detroit Diesel Corporation	2DDXH14.0ELL	14.0
2002	International	2NVXH07.3ANA	7.3
2002	International	2NVXH0444ANA	7.3
2002	International	2NVXH0530ANC	8.6
2002	International	2NVXH0444ANB	7.3
2002	International	2NVXH0444ANC	7.3
2002	International	2NVXH0466ANA	7.6
2002	International	2NVXH0466ANB	7.6
2002	International	2NVXH0530ANA	8.6
2002	International	2NVXH0530ANB	8.7
2002	Isuzu	2SZXH07.84RA	7.8
2002	Isuzu	2SZXH06.64RA	6.6
2002	Mack	2MKXH11.9H59	11.9
2002	Mack	2MKXH11.9V60	11.9
2002	Mack	2MKXH11.9V61	11.9
2002	Mack	2MKXH11.9H63	11.9
2002	Mack	2MKXH11.9V65	11.9
2002	Mack	2MKXH11.9V66	11.9
2002	Mack	2MKXH11.9V67	11.9
2002	Volvo	2VTXH12.150S	12.1
2002	Volvo	2VTXH07.350S	7.3
2003	Cummins	3CEXH0505CAN	8.3
2003	Cummins	3CEXH0505CAQ	8.3
2003	Cummins	3CEXH0540LAC	8.8
2003	Cummins	3CEXH0239BAD	3.9
2003	DaimlerChrysler	3MBXH6.37DJA	6.4
2003	DaimlerChrysler	3MBXH4.25DJC	4.25
2003	DaimlerChrysler	3MBXH4.25DJA	4.3
2003	DaimlerChrysler	3MBXH6.37DJC	6.4
2003	DaimlerChrysler	3MBXH12.0DJA	12
2003	DaimlerChrysler	3MBXH12.8DJA	12.8
2003	DaimlerChrysler	3MBXH15.9DJB	11.9
2003	International	3NVXH0444ANB	7.3
2003	International	3NVXH0444ANC	7.3
2003	International	3NVXH0466ANA	7.6
2003	International	3NVXH0466ANB	7.6
2003	International	3NVXH0530ANA	8.7
2003	International	3NVXH0530ANB	8.7
2003	International	3NVXH0530ANC	8.7
2003	Isuzu	3SZXH06.64RA	6.6
2003	Isuzu	3SZXH07.84RA	7.8
2003	Mack	3MKXH11.9V65	11.9
2003	Mack	3MKXH11.9V67	11.9
2003	Mack	3MKXH11.9V68	11.9
2004	Cummins	4CEXH0505CAR	8.3
2004	Cummins	4CEXH0505CAS	8.3
2004	Cummins	4CEXH0540LAE	8.8
2004	International	4NVXH0466ANA	7.6
2004	International	4NVXH0466ANB	7.6

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Model Year	Manufacturer	Engine Family	Displacement (L)
2004	International	4NVXH0530ANA	8.7
2004	International	4NVXH0530ANB	8.7
2004	International	4NVXH0530ANC	8.7
2004	Mack	4MKXH11.9V65	11.9
2004	Mack	4MKXH11.9V67	11.9
2004	Mack	4MKXH11.9V71	11.9
2005	Caterpillar	5CPXH0537HBK	8.8
2005	Cummins	5CEXH0505CAR	8.3
2005	Cummins	5CEXH0540LAE	8.8
2005	Mack	5MKXH11.9V71	11.9
2005	Mack	5MKXH11.9V74	11.9
2005	Mack	5MKXH11.9V65	11.9
2005	Mack	5MKXH11.9V67	11.9
2006	Cummins	6CEXH0359BAI	5.9
2006	Mack	6MKXH11.9V71	11.9
2006	Mack	6MKXH11.9V74	11.9
2006	Mack	6MKXH11.9V67	11.9
2006	Mack	6MKXH11.9V65	11.9

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Table 2: ARB-Approved Engines (with DOC) for HUSS' FS-MK

Note: For model years 1988 through 1994 see Table 4.

Model Year	Manufacturer	Engine Family	Displacement (L)
1995	Caterpillar	SCP403DZDAAA	6.6
1995	Caterpillar	SCP403DZDABA	6.6
1995	Cummins	SCE505D6DABW	8.3
1995	Cummins	SCE505D6DAAW	8.3
1995	Cummins	SCE505D6DAAA	8.3
1995	Cummins	SCE505F6DAAW	8.3
1995	Cummins	SCE359D6DABW	5.9
1995	Cummins	SCE359D6DAAA	5.9
1995	Cummins	SCE359D6DAAW	5.9
1995	Cummins	SCE661FJDAAA	10.8
1995	Cummins	SCE239D6DAAA	3.9
1995	Detroit Diesel Corporation	SDD8.5FJDABA	8.5
1995	General Motors	SGM6.5C6DAAB	6.5
1995	General Motors	SGM6.5C6DAAW	6.5
1995	General Motors	SGM6.5C6DAAC	6.5
1995	International	SNV7.3C8DAAA	7.3
1995	International	SNV444C8D0AA	7.3
1995	International	SNV530F6DATA	8.7
1995	Isuzu	SSZ7.1D6DAAA	7.1
1995	Mercedes-Benz	SMB6.0D6DAAA	6
1995	Mitsubishi	SMT460D7DAAA	7.5
1995	Nissan	SND423D6DAAA	6.9
1995	Nissan	SND254C6DAAA	4.2
1995	Perkins	SPK243C6DAAA	4
1995	Perkins	SPK365D6DAAA	6
1995	Renault	SR3377D8DAAW	6.2
1995	Renault	SR3377D8DABW	6.2
1996	Caterpillar	TCP403DZDAAA	6.6
1996	Caterpillar	TCP403DZDABA	6.6
1996	Caterpillar	TCP442DZDAAK	7.1
1996	Cummins	TCE359D6DABW	5.9
1996	Cummins	TCE239D6DAAA	3.9
1996	Cummins	TCE359D6DAAA	5.9
1996	Cummins	TCE505D6DAAA	8.3
1996	Cummins	TCE505D6DAAW	8.3
1996	Cummins	TCE505D6DABW	8.3
1996	Cummins	TCE661FJDABA	10.8
1996	Detroit Diesel Corporation	TDD8.5FJDABA	8.5
1996	General Motors	TGM6.5C6DABA	6.5
1996	General Motors	TGM6.5C6DAAA	6.5
1996	General Motors	TGM6.5C6DABW	6.5
1996	International	TNV7.3C8DAAA	7.3
1996	Isuzu	TSZ7.1D6DAAA	7.1
1996	Mitsubishi	TMT238C7DBAA	3.9
1996	Mitsubishi	TMT358D7DBAA	5.9
1996	Mitsubishi	TMT460D7DBAA	7.5
1996	Nissan	TND254C6DAAA	4.2

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Model Year	Manufacturer	Engine Family	Displacement (L)
1996	Nissan	TND423D6DAAA	6.9
1996	Perkins	TPK243C6DAAA	4
1996	Perkins	TPK365D6DAAA	6
1996	Renault	TR3377D8DABW	6.2
1996	Renault	TR3377D8DAAW	6.2
1997			
1997	Caterpillar	VCP403DZDAAA	6.6
1997	Caterpillar	VCP403DZDABA	6.6
1997	Caterpillar	VCP442DZDAAK	7.1
1997	Cummins	VCE661FJDABA	10.8
1997	Cummins	VCE505D6DAAA	8.3
1997	Cummins	VCE505D6DABW	8.3
1997	Cummins	VCE239D6DAAA	3.9
1997	Cummins	VCE359D6DAAA	5.9
1997	Cummins	VCE359D6DABW	5.9
1997	Cummins	VCE505D6DAAW	8.3
1997	Detroit Diesel Corporation	VDD8.5FJDABA	8.5
1997	Detroit Diesel Corporation	VDD3.8C8DABA	3.8
1997	General Motors	VGM6.5C6DAAA	6.5
1997	General Motors	VGM6.5C6DABA	6.5
1997	General Motors	VGM6.5C6DABW	6.5
1997	International	VNV7.3C8DAAW	7.3
1997	International	VNV7.3C8DAAA	7.3
1997	Isuzu	VSZ7.1D6DAAA	7.1
1997	Isuzu	VSZ7.1D6DAAW	7.1
1997	Mitsubishi	VMT460D7DBAA	7.5
1997	Mitsubishi	VMT358D7DBAA	5.9
1997	Mitsubishi	VMT238C7DBAA	3.9
1997	Nissan	VND254C6DAAA	4.2
1997	Nissan	VND423D6DAAA	6.9
1997	Renault	VR3377D8DAAW	6.2
1997	Renault	VR3377D8DABW	6.2
1998			
1998	Cummins	WCExH0661MAC	10.8
1998	Detroit Diesel Corporation	WDDXH03.8C1C	3.8
1998	Detroit Diesel Corporation	WDDXH08.5FJC	8.5
1998	General Motors	WGMXH06.5526	6.5
1998	General Motors	WGMXH06.5521	6.5
1998	General Motors	WGMXH06.5522	6.5
1998	Hino	WHMXH08.0JTR	5.3
1998	International	WNVXH0530CCB	8.7
1998	International	WNVXH0530CCD	8.7
1998	International	WNVXH0466CCB	7.6
1998	International	WNVXH0466CCD	7.6
1998	International	WNVXH0444CCB	7.3
1998	International	WNVXH0444CCD	7.3
1998	Nissan	WNDXH04.2TAB	4.2
1998	Nissan	WNDXH06.9FAB	6.9
1999			
1999	Cummins	XCEXH0359BAI	5.9
1999	Cummins	XCEXH0505CAF	8.3

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Model Year	Manufacturer	Engine Family	Displacement (L)
1999	Cummins	XCEXH0661MAG	10.8
1999	Cummins	XCEXH0661MAC	10.8
1999	Detroit Diesel Corporation	XDDXH08.5FJN	8.5
1999	Detroit Diesel Corporation	XDDXH03.8C1N	3.8
1999	General Motors	XGMXH06.5521	6.5
1999	General Motors	XGMXH06.5526	6.5
1999	Hino	XHMXH08.0JTR	5.3
1999	International	XNVXH07.3ACA	7.3
1999	International	XNVXH0530ACT	8.6
1999	Mitsubishi	XMTXH03.9D4A	3.9
1999	Mitsubishi	XMTXH05.8D6A	5.9
1999	Mitsubishi	XMTXH07.5D6A	7.5
1999	Nissan	XNDXH04.6FAB	4.6
1999	Nissan	XNDXH06.9FAB	6.9
1999	Renault	XR3XH0377LWC	6.2
1999	Renault	XR3XH0377KWC	6.2
2000			
2000	Cummins	YCEXH0661MAG	11
2000	Cummins	YCEXH0505CAF	8.3
2000	Cummins	YCEXH0359BAI	5.9
2000	Detroit Diesel Corporation	YDDXH03.8C1N	3.8
2000	Detroit Diesel Corporation	YDDXH08.5FJN	8.5
2000	General Motors	YGMXH06.5521	6.5
2000	General Motors	YGMXH06.5526	6.5
2000	Hino	YHMXH05.3JTD	5.3
2000	Hino	YHMXH08.0JTP	8
2000	Hino	YHMXH08.0JTR	8
2000	International	YNVXH0444ACT	7.3
2000	International	YNVXH0530ACT	8.6
2000	Mitsubishi	YMTXH03.9D4A	3.9
2000	Mitsubishi	YMTXH05.8D6A	5.9
2000	Mitsubishi	YMTXH07.5D6A	7.5
2000	Nissan	YNDXH04.6FAB	4.6
2000	Nissan	YNDXH06.9FAB	6.9
2000	Renault	YR3XH0377KWC	6.2
2001			
2001	Caterpillar	1CPXH0442HAK	7.2
2001	Caterpillar	1CPXH0442HBK	7.2
2001	Cummins	1CEXH0505CAM	8.3
2001	Cummins	1CEXH0359BAO	5.9
2001	Cummins	1CEXH0661MAP	10.6
2001	Cummins	1CEXH0540LAB	8.9
2001	General Engine Products	1GEPH06.5CFF	6.5
2001	General Motors	1GMXH06.5521	6.5
2001	General Motors	1GMXH06.5526	6.5
2001	Hino	1HMXH08.0JTR	8
2001	Hino	1HMXH05.3JTD	5.3
2001	Hino	1HMXH08.0JTP	8
2001	International	1NVXH07.3ACE	7.3
2001	International	1NVXH0530ACT	8.7
2001	Mitsubishi	1MTXH03.9D4A	3.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Mitsubishi	1MTXH05.8D6A	5.9
2001	Mitsubishi	1MTXH07.5D6A	7.6
2001	Mitsubishi	1MTXH04.8M5A	4.9
2001	Nissan	1NDXH06.9FAB	7
2001	Nissan	1NDXH04.6FAB	4.6
2002			
2002	Caterpillar	2CPXH0442HAK	7.2
2002	Caterpillar	2CPXH0442HBX	7.2
2002	Caterpillar	2CPXH0442HBV	7.2
2002	Caterpillar	2CPXH0629EBX	10.0
2002	Caterpillar	2CPXH0729EBX	11.9
2002	Caterpillar	2CPXH0893EBX	14.6
2002	Cummins	2CEXH0359BAO	5.9
2002	Cummins	2CEXH0505CAM	8.3
2002	Cummins	2CEXH0540LAB	8.8
2002	Cummins	2CEXH0661MAP	10.8
2002	Detroit Diesel Corporation	2DDXH12.7FGN	12.7
2002	General Engine Products	2GEPH06.5CFF	6.5
2002	General Engine Products	2GEPH06.5521	6.5
2002	General Engine Products	2GEPH06.5527	6.5
2002	General Motors	2GMXH06.5521	6.5
2002	Hino	2HMXH05.3JTD	5.3
2002	Hino	2HMXH08.0JTP	8.0
2002	Hino	2HMXH08.0JTR	8.0
2002	International	2NVXH07.3ACE	7.3
2002	Mitsubishi	2MTXH07.5D6A	7.5
2002	Mitsubishi	2MTXH03.9D4A	3.9
2002	Mitsubishi	2MTXH04.8M5A	4.9
2002	Mitsubishi	2MTXH05.8D6A	5.9
2002	Nissan	2NDXH04.6FAB	4.6
2002	Nissan	2NDXH06.9FAB	6.9
2003			
2003	Caterpillar	3CPXH0442HBV	7.2
2003	Caterpillar	3CPXH0629EBV	10
2003	Caterpillar	3CPXH0729EBV	11.9
2003	Caterpillar	3CPXH0893EBV	14.6
2003	Caterpillar	3CPXH0442HBX	7.2
2003	Caterpillar	3CPXH0629EBX	10
2003	Caterpillar	3CPXH0729EBX	11.9
2003	General Engine Products	3GEPH06.5CFF	6.5
2003	General Engine Products	3GEPH06.5527	6.5
2003	General Engine Products	3GEPH06.5521	6.5
2003	Hino	3HMXH05.3JTD	5.3
2003	Hino	3HMXH08.0JTP	8
2003	Hino	3HMXH08.0JTR	8
2003	Isuzu	3SZXH07.84AA	7.8
2003	Mitsubishi	3MTXH03.9D4A	3.9
2003	Mitsubishi	3MTXH05.8D6A	5.9
2003	Mitsubishi	3MTXH07.5D6A	7.5
2003	Mitsubishi	3MTXH04.8M5A	4.9
2003	Nissan	3NDXH04.6FAB	4.6

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Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Nissan	3NDXH06.9FAB	6.9
2004	Caterpillar	4CPXH0442HBK	7.2
2004	Caterpillar	4CPXH0537HBX	8.8
2004	Caterpillar	4CPXH0928EBK	15
2004	Caterpillar	4CPXH0763EBK	12.5
2004	Caterpillar	4CPXH0680EBK	11.1
2004	Caterpillar	4CPXH0537HBK	8.8
2005	Caterpillar	5CPXH0928EBK	15.2
2005	Caterpillar	5CPXH0442HBK	7.2
2005	Caterpillar	5CPXH0680EBK	11.1
2005	Caterpillar	5CPXH0763EBK	12.5
2005	Cummins	5CEXH0505CAX	8.3
2005	Cummins	5CEXH0505CAY	8.3
2005	Cummins	5CEXH0540LAH	8.9
2005	Cummins	5CEXH0540LAI	8.9
2006	Caterpillar	6CPXH0442HBK	7.2
2006	Caterpillar	6CPXH0537HBK	8.8
2006	Caterpillar	6CPXH0680EBK	11.1
2006	Caterpillar	6CPXH0763EBK	12.5
2006	Caterpillar	6CPXH0928EBK	15.2
2006	Cummins	6CEXH0540LAJ	8.9
2006	Cummins	6CEXH0505CAX	8.3
2006	Cummins	6CEXH0505CAY	8.3
2006	Cummins	6CEXH0540LAI	8.9

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Table 3: ARB-Approved On-Road Engines (no DOC) for HUSS' FS-MK (8,500)

Note: These engines are certified as heavy-duty for vehicles with manufacturer's GVWR over 8,500 pounds. However, in accordance with Executive Order DE-06-006-04, the vehicle must have a manufacturer's GVWR over 14,000 pounds.

Model Year	Manufacturer	Engine Family	Displacement (L)
1988	Caterpillar	JCT0638FPC3	10.5
1988	Caterpillar	JCT0893FPB2	14.6
1988	Caterpillar	JCT0893FZC7	14.6
1988	Caterpillar	JCT0638FPA1	10.5
1988	Caterpillar	JCT0636DAA8	10.4
1988	Caterpillar	JCT0636EPB2	10.4
1988	Caterpillar	JCT0636FPA4	10.4
1988	Cummins	JCE0611FAA0	10.0
1988	Cummins	JCE0855FZA9	14
1988	Cummins	JCE0359EAA9	5.9
1988	Cummins	JCE0239EAA4	3.9
1988	Cummins	JCE0855FAA3	14.0
1988	Cummins	JCE0505EAA2	8.3
1988	Cummins	JCE0505FAA5	8.3
1988	Cummins	JCE0359FAA1	5.9
1988	Cummins	JCE0239FAA7	3.9
1988	Cummins	JCE03.4EAA2	3.4
1988	Daimler-Benz	JDB5.96FAF0	6.0
1988	Daimler-Benz	JDB9.97FPC8	10.0
1988	Detroit Diesel Corporation	JDD12.7FZA2	12.7
1988	Ford	JFM07.8FPD2	7.8
1988	Ford	JFM07.8FPE3	7.8
1988	Ford	JFM07.8EPC9	7.8
1988	General Motors	JGM08.2EAB9	8.2
1988	General Motors	JGM08.2DAB6	8.2
1988	General Motors	JGM06.2DAB5	6.2
1988	General Motors	JGM12.7FZA7	12.7
1988	Hercules Engines	JHE03.7FPA8	3.7
1988	Hino	JHM0065EAA6	6.5
1988	Hino	JHM0067DAA0	6.7
1988	Hino	JHM0038EAA3	3.8
1988	Hino	JHM0065FAA9	6.5
1988	International	7.3LD (1988)	7.3
1988	International	JNV0360FPA0	5.9
1988	International	JNV0466EPA5	7.6
1988	International	JNV0466FPA8	7.6
1988	Isuzu	JSZ0513EAB1	8.4
1988	Isuzu	JSZ0353EAB9	5.8
1988	Isuzu	JSZ0235EAA0	3.9
1988	Isuzu	JSZ0396DAB5	6.5
1988	Isuzu	JSZ0396FAB0	6.5
1988	Iveco	JVE0238FAAX	3.9
1988	Iveco	JVE0358EAA1	5.9
1988	Mack	14	11.0
1988	Mack	13	11.0
1988	MAN	JMA11.4FPA0	11.4

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Model Year	Manufacturer	Engine Family	Displacement (L)
1988	Mitsubishi	JMM0400EAB0	6.6
1988	Mitsubishi	JMM0400EAAX	6.6
1988	Mitsubishi	JMM0302EAA1	4.9
1988	Mitsubishi	JMM0201EAA2	3.3
1988	Nissan	JND0423DAA5	6.9
1988	Nissan	JND0423EAB9	6.9
1988	Nissan	JND0452EAB9	7.4
1988	Renault	JRE0335FPA8	6.2
1988	Renault	JRE0538FAA9	8.8
1988	Volvo	JVT0586FPA8	9.6
1988	Volvo	JVT0730FPA4	12.0
1988	Volvo	JVT0409FPA7	6.7
1989	Caterpillar	KCT0638FPC2	10.5
1989	Caterpillar	KCT0893FPB1	14.6
1989	Caterpillar	KCT0893FZC6	14.6
1989	Caterpillar	KCT0638FPA0	10.5
1989	Caterpillar	KCT0636DAA7	10.4
1989	Caterpillar	KCT0636EPB1	10.4
1989	Caterpillar	KCT0636FPA3	10.4
1989	Caterpillar	KCT0629FZD6	10.3
1989	Caterpillar	KCT0636EPC2	10.4
1989	Caterpillar	KCT0403FZD4	6.6
1989	Cummins	KCE0359EAA8	5.9
1989	Cummins	KCE0611FAAX	10.0
1989	Cummins	KCE0855FZA8	14
1989	Cummins	KCE0239FAA6	3.9
1989	Cummins	KCE0239EAA3	3.9
1989	Cummins	KCE0855FAA3	14.0
1989	Cummins	KCE0359FAA0	5.9
1989	Cummins	KCE0505EAA1	8.3
1989	Cummins	KCE0505FAA4	8.3
1989	Cummins	KCE03.4EAA1	3.4
1989	Cummins	KCE0505FAB5	8.3
1989	Daimler-Benz	KDB5.96FAFX	6.0
1989	Daimler-Benz	KDB9.97FPC7	10.0
1989	Detroit Diesel Corporation	KDD12.7FZA1	12.7
1989	Ford	KFM07.8FPD1	7.8
1989	Ford	KFM07.8FPE2	7.8
1989	Ford	KFM07.8FPF3	7.8
1989	Ford	KFM07.8EPC8	6.6
1989	General Motors	KGM06.2EAB8	8.2
1989	General Motors	KGM06.2DAB5	8.2
1989	General Motors	KGM06.2DAB4	6.2
1989	Hercules Engines	KHE03.7FPA7	3.7
1989	International	7.3LD (1989)	7.3
1989	International	KNV0360FPAX	5.9
1989	International	KNV0466EPA4	7.6
1989	International	KNV0466FPA7	7.6
1989	Isuzu	KSZ0513EAB0	8.4
1989	Isuzu	KSZ0396FABX	6.5

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Model Year	Manufacturer	Engine Family	Displacement (L)
1989	Isuzu	KSZ0353EAB8	5.8
1989	Isuzu	KSZ0396DAB4	6.5
1989	Isuzu	KSZ0235EAX	3.9
1989	Iveco	KVE0238FAA9	3.9
1989	Iveco	KVE0358EAA0	5.9
1989	Mack	KMT0672FAB5	11.0
1989	Mack	KMT0728FAA9	11.0
1989	Mitsubishi	KMM0400EABX	6.6
1989	Mitsubishi	KMM0400EAA9	6.6
1989	Mitsubishi	KMM0302EAA0	5.0
1989	Mitsubishi	KMM0201EAA1	3.3
1989	Nissan	KND0423EAB8	6.9
1989	Nissan	KND0211EAB5	3.5
1989	Nissan	KND0452EAB8	7.4
1989	Nissan	KND0423DAA4	6.9
1989	Renault	KRE0335FPA7	6.2
1989	Renault	KRE0538FAA8	8.8
1989	Volvo	KVT0586FPA7	9.6
1989	Volvo	KVT0730FPA3	12.0
1989	Volvo	KVT0409FPA6	6.7
1990	Caterpillar	LCT0629FZD5	10.3
1990	Caterpillar	LCT0636EPC1	10.4
1990	Caterpillar	LCT0638FPC1	10.5
1990	Caterpillar	LCT0636EPB0	10.4
1990	Caterpillar	LCT0893FPB0	14.6
1990	Caterpillar	LCT0893FZC5	14.6
1990	Caterpillar	LCT0638FPAX	10.5
1990	Caterpillar	LCT0636DAA6	10.4
1990	Caterpillar	LCT0636FPA2	10.4
1990	Caterpillar	LCT0403FZD3	6.6
1990	Caterpillar	LCT0893FZD6	14.6
1990	Cummins	LCE0359EAA7	5.9
1990	Cummins	LCE0239FAA5	3.9
1990	Cummins	LCE0239EAA2	3.9
1990	Cummins	LCE0505FAA3	8.3
1990	Cummins	LCE0359FAAX	5.9
1990	Cummins	LCE0505EAA0	8.3
1990	Cummins	LCE03.4EAA0	3.4
1990	Cummins	LCE0611FAA9	10
1990	Cummins	LCE0855FAA2	14
1990	Cummins	LCE0855FZA7	14
1990	Cummins	LCE0505FAB4	8.3
1990	Cummins	LCE0611FZA3	10
1990	Cummins	LCE0611FZB4	10
1990	Cummins	LCE0855FZB8	14
1990	Cummins	LCE0855FAB3	14
1990	Cummins	LCE0611FABX	10
1990	Cummins	LCE0359FAC1	5.9
1990	Cummins	LCE0505FAC5	8.3
1990	Cummins	LCE0359FAB0	5.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
1990	Detroit Diesel Corporation	LDD11.1FZA3	11.1
1990	Detroit Diesel Corporation	LDD12.7FZA0	12.7
1990	Ford	LFM07.8FPD0	7.8
1990	Ford	LFM07.8FPF2	7.8
1990	Ford	LFM07.8EPC7	7.8
1990	Ford	LFM07.8FPK9	7.8
1990	General Motors	LGM06.2DAB3	6.2
1990	General Motors	LGM08.2EAB7	8.2
1990	General Motors	LGM08.2DAB4	8.2
1990	Hercules Engines	LHE03.7FPA6	3.7
1990	Hino	LHM06.7DAA9	6.7
1990	Hino	LHM03.5EAA4	6.5
1990	Hino	LHM03.8EAA9	3.8
1990	Hino	LHM06.5FAA7	6.5
1990	International	LNV07.3DAA23	7.3
1990	International	LNV0360EPA6	5.9
1990	International	LNV0360FPA9	5.9
1990	International	LNV0466EPA3	7.6
1990	International	LNV0466FPA6	7.6
1990	International	LNV0466FPB7	7.6
1990	Isuzu	LSZ0513EABX	8.4
1990	Isuzu	LSZ0396FAB9	6.5
1990	Isuzu	LSZ0353EAB7	5.8
1990	Isuzu	LSZ0235EAA9	3.9
1990	Isuzu	LSZ0396DAB3	6.5
1990	Iveco	LVE0358EAX	5.9
1990	Iveco	LVE0238FAA8	3.9
1990	Mack	LMT0998FAA0	16.4
1990	Mack	LMT0672FAD6	11
1990	Mack	LMT0672FAC5	11
1990	Mack	LMT0728FAB9	11.9
1990	Mack	LMT0728FAA8	11.9
1990	Mack	LMT0672FAA3	11
1990	Mack	LMT0672FAB4	11
1990	Mack	LMT0728FAE1	11.9
1990	Mack	LMT0728FACX	11.9
1990	Mack	LMT0728FAD0	11.9
1990	Mack	LMT0728FAG3	11.9
1990	Mack	LMT0728FAF2	11.9
1990	Mercedes-Benz	LMB5.96FAA4	6
1990	Mercedes-Benz	LMB9.97FAA3	10
1990	Mitsubishi	LMM0460FAA8	7.5
1990	Mitsubishi	LMM0400EAA8	6.6
1990	Mitsubishi	LMM0400EAB9	6.6
1990	Mitsubishi	LMM0302EAX	4.9
1990	Mitsubishi	LMM0201EAA0	3.3
1990	Mitsubishi	LMM0201FAA3	3.3
1990	Nissan	LND0423EAB7	6.9
1990	Nissan	LND0211EAB4	3.5
1990	Nissan	LND0452EAB7	7.4
1990	Nissan	LND0423DAA3	6.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
1990	Perkins	LPE0364FAB6	6
1990	Renault	LRE0335FPA6	6.2
1990	Renault	LRE0538FAA7	8.8
1990	Volvo	LVT05.5FPA0	5.5
1990	Volvo	LVT12.0FPA2	12
1990	Volvo	LVT06.7FPA3	6.7
1991	Caterpillar	MCT0403FZD2	6.6
1991	Caterpillar	MCT0403FZC1	6.6
1991	Caterpillar	MCT0893FZD5	14.6
1991	Caterpillar	MCT0629FZD4	10.3
1991	Caterpillar	MCT0893FPBX	14.6
1991	Caterpillar	MCT0403FZE3	6.6
1991	Cummins	MCE03.4FAA2	3.4
1991	Cummins	MCE0505FAA2	8.3
1991	Cummins	MCE0359FAA9	5.9
1991	Cummins	MCE0855FZA6	14
1991	Cummins	MCE0359FABX	5.9
1991	Cummins	MCE0611FZA2	10
1991	Cummins	MCE0855FZD9	14
1991	Cummins	MCE0855FZC8	14
1991	Cummins	MCE0855FZB7	14
1991	Cummins	MCE0611FZB3	10
1991	Cummins	MCE0611FZD5	10
1991	Cummins	MCE0239FAA4	3.9
1991	Detroit Diesel Corporation	MDD12.7FZAX	12.7
1991	Detroit Diesel Corporation	MDD11.1FZA2	11.1
1991	Ford	MFM07.8FPK8	7.8
1991	General Motors	MGM06.2DAB2	6.2
1991	Hino	MHM03.8FAA0	3.8
1991	Hino	MHM06.5FAA6	6.5
1991	International	MNV07.3DAA1	7.3
1991	International	MNV0360EPC7	5.9
1991	International	MNV0360FPCX	5.9
1991	International	MNV0466EPC4	7.6
1991	International	MNV0466FPC7	7.6
1991	Mack	MMT0728FAG2	11.9
1991	Mack	MMT0728FAF1	11.9
1991	Mack	MMT0728FAH3	11.9
1991	Mercedes-Benz	MMB5.96FAA3	6
1991	Perkins	MPE0365FAA1	6
1991	Renault	MRE0335FAA4	6.2
1991	Volvo	MVT06.7FAA1	6.7
1991	Volvo	MVT12.0FAA0	12
1992	Caterpillar	NCT0403FZC0	6.6
1992	Caterpillar	NCT0403FZD1	6.6
1992	Caterpillar	NCT0629FZD3	10.3
1992	Caterpillar	NCT0403FZE2	6.6
1992	Caterpillar	NCT0893FZD4	14.6
1992	Caterpillar	NCT0893FPB9	14.6

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Model Year	Manufacturer	Engine Family	Displacement (L)
1992	Caterpillar	NCT0638FPCX	10.5
1992	Caterpillar	NCT0403FZF3	6.6
1992	Cummins	NCE0611FZA1	10.0
1992	Cummins	NCE0855FZD8	14.0
1992	Cummins	NCE0855FZB6	14.0
1992	Cummins	NCE0611FZD4	10.0
1992	Cummins	NCE0611FZB2	10.0
1992	Cummins	NCE0239FAA3	3.9
1992	Cummins	NCE0359FAB9	5.9
1992	Cummins	NCE0359FAA8	5.9
1992	Cummins	NCE0505FAA1	8.3
1992	Cummins	NCE0855FZC7	14.0
1992	Cummins	NCE0855FZA5	14
1992	Cummins	NCE0855FZFX	14
1992	Cummins	NCE0855FZG0	14
1992	Cummins	NCE0359FACX	5.9
1992	Cummins	NCE0505FAB2	8.3
1992	Cummins	NCE0239FAB4	3.9
1992	Detroit Diesel Corporation	NDD11.1FZA1	11.1
1992	Detroit Diesel Corporation	NDD12.7FZA9	12.7
1992	Ford	NFM07.8FPK7	7.8
1992	General Motors	NGM06.2DAB1	6.2
1992	General Motors	NGM06.5EAB5	6.5
1992	Hino	NHM03.8FAAX	3.8
1992	Hino	NHM06.5FAA5	6.5
1992	International	NNV07.3DAA0	7.3
1992	International	NNV0360EPC6	5.9
1992	International	NNV0360FPC9	5.9
1992	International	NNV0466EPA1	7.6
1992	International	NNV0466FPC6	7.6
1992	Isuzu	NSZ0235FAAX	3.8
1992	Isuzu	NSZ0396FAB7	6.5
1992	Mack	NMT0728FAEX	11.9
1992	Mack	NMT0728FAG1	11.9
1992	Mack	NMT0728FAH2	11.9
1992	Mack	NMT0728FAD9	11.9
1992	Mack	NMT0728FAL8	11.9
1992	Mack	NMT0728FAF0	11.9
1992	Mack	NMT0728FAK7	11.9
1992	Mack	NMT0728FAB7	11.9
1992	Mack	NMT0728FAA6	11.9
1992	Mack	NMT0728FAC8	11.9
1992	Mercedes-Benz	NMB5.96FAA2	6.0
1992	Mercedes-Benz	NMB12.0FAA4	12.0
1992	Mitsubishi	NMM0302FAA0	4.9
1992	Mitsubishi	NMM0460FAA6	7.5
1992	Mitsubishi	NMM0238FAA0	3.9
1992	Nissan	NND0254EAB1	4.2
1992	Nissan	NND0423FAC9	6.9
1992	Nissan	NND0452FAC9	7.4
1992	Perkins	NPE0243FAJ9	4

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Model Year	Manufacturer	Engine Family	Displacement (L)
1992	Perkins	NPE0365FAA0	6
1992	Renault	NRE0335FAA3	5.5
1992	Renault	NRE0377FABX	6.2
1992	Renault	NRE0377FAC0	6.2
1992	Volvo	NVT06.7FAA0	6.7
1992	Volvo	NVT12.0FAAX	12
1992	Volvo	NVT12.0FAB0	12
1993	Caterpillar	PCT0403FZF1	6.6
1993	Caterpillar	PCT0403FZC9	6.6
1993	Caterpillar	PCT0403FZDX	6.6
1993	Caterpillar	PCT0403FZE0	6.6
1993	Caterpillar	PCT0629FZD1	10.3
1993	Caterpillar	PCT0893FZD2	14.6
1993	Caterpillar	PCT0638FPC8	10.5
1993	Caterpillar	PCT0893FPB7	14.6
1993	Caterpillar	PCT0629FZE2	10.3
1993	Caterpillar	PCT0893FZE3	14.6
1993	Cummins	PCE0855FZA3	14.0
1993	Cummins	PCE0855FZC5	14.0
1993	Cummins	PCE0855FZD6	14.0
1993	Cummins	PCE0855FZB4	14.0
1993	Cummins	PCE0855FZF8	14.0
1993	Cummins	PCE0855FZG9	14.0
1993	Cummins	PCE0359FAC8	5.9
1993	Cummins	PCE0359FAA6	5.9
1993	Cummins	PCE0505FAAX	8.3
1993	Cummins	PCE0505FAB0	8.3
1993	Cummins	PCE0239FAA1	3.9
1993	Cummins	PCE0239FAB2	3.9
1993	Cummins	PCE0359FAB7	5.9
1993	Cummins	PCE0611FZB0	10.0
1993	Cummins	PCE0611FZAX	10.0
1993	Cummins	PCE0359FAD9	5.9
1993	Cummins	PCE0661FZB3	10.8
1993	Cummins	PCE0661FZA2	11.0
1993	Cummins	PCE0855FZK4	14.0
1993	Cummins	PCE0855FZHX	14.0
1993	Detroit Diesel Corporation	PDD11.1FZAX	11.1
1993	Detroit Diesel Corporation	PDD12.7FZA7	12.7
1993	Detroit Diesel Corporation	PDD08.5FZB7	8.5
1993	Detroit Diesel Corporation	PDD08.5FZK7	8.5
1993	Detroit Diesel Corporation	PDD12.7FZDX	12.7
1993	Detroit Diesel Corporation	PDD11.1FZD2	11.1
1993	General Motors	PGM06.2DABX	6.2
1993	General Motors	PGM06.5EAB3	6.5
1993	Hino	PHM03.8FAA8	3.8
1993	Hino	PHM06.5FAA3	6.5
1993	International	PNV07.3DAA9	7.3
1993	International	PNV07.3EPA2	7.3
1993	International	PNV0360FPC7	5.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
1993	International	PNV0466EPAX	7.6
1993	International	PNV0466FPC4	7.6
1993	International	PNV0466FPD5	7.6
1993	International	PNV0408FPA2	6.7
1993	International	PNV0408FPB3	6.7
1993	International	PNV0466FPE6	7.6
1993	International	PNV0466FPF7	7.6
1993	International	PNV0530FPA2	8.7
1993	Isuzu	PSZ0235FAA8	3.9
1993	Isuzu	PSZ0396FAB5	6.5
1993	Mack	PMT0728FAL6	11.9
1993	Mack	PMT0728FAGX	11.9
1993	Mack	PMT0728FAH0	11.9
1993	Mack	PMT0728FAC6	11.9
1993	Mack	PMT0728FAE8	11.9
1993	Mack	PMT0728FAF9	11.9
1993	Mack	PMT0728FAJ4	11.9
1993	Mack	PMT0728FAB5	11.9
1993	Mack	PMT0728FAD7	11.9
1993	Mercedes-Benz	PMB5.96FAA1	6.0
1993	Mercedes-Benz	PMB12.0FAA2	12.0
1993	Mitsubishi	PMM0302FAA9	5.0
1993	Mitsubishi	PMM0460FAA4	7.5
1993	Mitsubishi	PMM0238FAA9	3.9
1993	Nissan	PND0254EABX	4.2
1993	Nissan	PND0423FAC7	6.9
1993	Nissan	PND0452FAC7	7.4
1993	Perkins	PPE0243FAK4	4.0
1993	Perkins	PPE0365FAA9	6.0
1993	Renault	PRE0335FAA0	6.2
1993	Renault	PRE0377FAB8	6.2
1993	Renault	PRE0377FAC9	6.2
1993	Volvo	PVT06.7FAA9	6.7
1993	Volvo	PVT12.0FAA8	12.0
1993	Volvo	PVT12.0FAB9	12.0
1994	Caterpillar	RCP629EZDARA	10.3
1994	Caterpillar	RCP893EZDARA	14.6
1994	Caterpillar	RCP638EZDARA	10.5
1994	Cummins	RCE661EJDARA	10.8
1994	Cummins	RCE661EJDARW	10.8
1994	Cummins	RCE855EJDARW	14
1994	Cummins	RCE611EGDARW	10
1994	Cummins	RCE855EJDASW	14
1994	Cummins	RCE661EJDARC	10.8
1994	Detroit Diesel Corporation	RDD11.EJDARA	11.1
1994	Detroit Diesel Corporation	RDD12.EJDARA	12.7
1994	Detroit Diesel Corporation	RDD8.5EJDARA	8.5
1994	Detroit Diesel Corporation	RDD8.5EJDARW	8.5
1994	General Motors	RGM6.5C6DARW	6.5
1994	Hino	RHM3.8C7DARW	3.8

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Model Year	Manufacturer	Engine Family	Displacement (L)
1994	Hino	RHM6.5D7DARW	6.5
1994	International	RNV466D6DARW	7.6
1994	International	RNV466D6DASW	7.6
1994	International	RNV466D6D0TW	7.6
1994	Isuzu	RSZ3.9C6DARW	3.9
1994	Mack	RMK728EGDARA	11.9
1994	Mack	RMK728EJDARA	11.9
1994	Mercedes-Benz	RMB6.0D6DARA	6
1994	Volvo	RVT12.EJDBRA	12.1
		RVT6.7D6DBRA	

Table 4: ARB-Approved On-Road Engines (with DOC) for HUSS' FS-MK (8,500)

Note: These engines are certified as heavy-duty for vehicles with manufacturer's GVWR over 8,500 pounds. However, in accordance with Executive Order DE-06-006-04, the vehicle must have a manufacturer's GVWR over 14,000 pounds.

Model Year	Manufacturer	Engine Family	Displacement (L)
1993	Cummins	PCE0505FDA5	8.3
1993	Cummins	PCE0359FDA1	5.9
1993	Cummins	PCE0505FDD8	8.3
1994	Caterpillar	RCP403DZDAAA	6.6
1994	Caterpillar	RCP403DZDABA	6.6
1994	Cummins	RCE505D6DAAB	8.3
1994	Cummins	RCE359D6DAAB	5.9
1994	Cummins	RCE359D6DAAW	5.9
1994	Cummins	RCE505D6DAAC	8.3
1994	Cummins	RCE505F6DAAW	8.3
1994	Cummins	RCE505D6DAAA	8.3
1994	Cummins	RCE359D6DABW	5.9
1994	Cummins	RCE661FJDAAA	10.8
1994	Detroit Diesel Corporation	RDD8.5FJDABA	8.5
1994	General Motors	RGM6.5C6DAAA	6.5
1994	General Motors	RGM6.5C6DAAB	6.5
1994	General Motors	RGM6.5C6DAAC	6.5
1994	International	RNV7.3C8DAAA	7.3
1994	International	RNV408D6DAAW	6.7
1994	International	RNV466D6DAAA	7.6
1994	International	RNV466D6DABA	7.6
1994	International	RNV530D6DAAA	8.7
1994	International	RNV444C8DABA	7.3
1994	Mercedes-Benz	RMB6.0D6DAAA	6
1994	Mitsubishi	RMT238B7DAAA	3.9
1994	Nissan	RND423D6DAAA	6.9
1994	Nissan	RND254C6DAAA	4.2
1994	Perkins	RPK365D6DAAA	6
1994	Perkins	RPK243C6DAAA	4