

ATTACHMENT 1
Executive Order DE-06-007-01

Engine Families EXCLUDED from the HUSS FS-MK Diesel Particulate Filter Verification

Model Year	Engine Family	Engine Manufacturer
1997	VDD9.0TJ30AE	Detroit Diesel Corporation
2002	2ETQL.2962E1	Eastern
2002	2ETQL.4062E1	Eastern
2003	3ETQL.2962E1	Eastern
2003	3ETQL.4062E1	Eastern
2004	4ETQL.2962E1	Eastern
2004	4ETQL.4062E1	Eastern
2004	4NVXL0570AEA	International (Navistar)
2004	4LHAL12.8RMR	Liebherr
2004	4MKXL11.9P69	Mack
2004	4MKXL11.9P72	Mack
2005	5JDXL06.8101	Deere
2005	5JDXL09.0102	Deere
2005	5DDXL14.0VLD	Detroit Diesel Corporation
2005	5ETQL.2962E1	Eastern
2005	5NVXL0570AEA	International (Navistar)
2005	5SZXL15.7HXZ	Isuzu
2005	5LHAL12.8RMC	Liebherr
2005	5LHAL12.8RMR	Liebherr
2005	5LBDL.442155	Lombardini
2005	5VSXL12.1CE3	Volvo
2005	5YDXL0.32D1N	Yanmar
2005	5YDXL0.44D1N	Yanmar
2006	6CEXL0661AAF	Cummins
2006	6JDXL06.8101	Deere
2006	6JDXL09.0102	Deere
2006	6JDXL13.5103	Deere
2006	6DZXL06.1059	Deutz
2006	6DZXL06.1060	Deutz
2006	6DZXL07.1051	Deutz
2006	6DZXL07.1055	Deutz
2006	6DZXL15.9065	Deutz
2006	6ETQL.2962E1	Eastern
2006	6HMXL05.1JTA	Hino
2006	6HMXL07.7JTM	Hino
2006	6HMXL10.5PUN	Hino
2006	6NVXL0365AFA	International (Navistar)
2006	6NVXL0570AEA	International (Navistar)
2006	6SZXL05.2HXA	Isuzu
2006	6SZXL05.2IXA	Isuzu
2006	6SZXL07.8HXA	Isuzu

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2006	6SZXL09.8HXA	Isuzu
2006	6SZXL15.7HXA	Isuzu
2006	6KLXL11.0DD6	Komatsu
2006	6KLXL15.2ED6	Komatsu
2006	6KLXL23.2FD6	Komatsu
2006	6LHAL12.8RMC	Liebherr
2006	6LHAL24.2VCE	Liebherr
2006	6LBDL.442155	Lombardini
2006	6MFTL07.5M6A	Mitsubishi
2006	6MFTL12.9M6A	Mitsubishi
2006	6MFTL12.9M7A	Mitsubishi
2006	6PKXL06.6PJ1	Perkins
2006	6PKXL06.6PJ2	Perkins
2006	6VSXL09.4CE3	Volvo
2006	6VSXL12.1CE3	Volvo
2006	6VSXL16.1CE3	Volvo
2006	6YDXL0.32D1N	Yanmar
2006	6YDXL0.44D1N	Yanmar
2007	7CEXL0661AAH	Cummins
2007	7JDXL06.8101	Deere
2007	7JDXL09.0102	Deere
2007	7JDXL13.5103	Deere
2007	7DDXL14.0VLD	Detroit Diesel Corporation
2007	7DZXL04.1078	Deutz
2007	7DZXL04.1080	Deutz
2007	7DZXL06.1059	Deutz
2007	7DZXL06.1060	Deutz
2007	7DZXL07.1051	Deutz
2007	7DZXL07.1053	Deutz
2007	7DZXL07.1055	Deutz
2007	7DZXL15.9065	Deutz
2007	7HMXL05.1JTA	Hino
2007	7HMXL07.7JTM	Hino
2007	7HMXL10.5PUN	Hino
2007	7SZXL03.0IXA	Isuzu
2007	7SZXL05.2HXA	Isuzu
2007	7SZXL05.2IXA	Isuzu
2007	7SZXL07.8HXA	Isuzu
2007	7SZXL07.8HXB	Isuzu
2007	7SZXL09.8HXA	Isuzu
2007	7SZXL15.7HXA	Isuzu
2007	7VEXL04.5DCA	Iveco
2007	7KLXL11.0DD6	Komatsu
2007	7KLXL15.2ED6	Komatsu
2007	7KLXL15.2ED7	Komatsu
2007	7KLXL23.2FD6	Komatsu
2007	7LBDL.442155	Lombardini

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2007	7MFTL04.9M5A	Mitsubishi
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2007	7MFTL07.5M6A	Mitsubishi
2007	7MFTL12.9M7A	Mitsubishi
2007	7VPXL12.1BAA	Volvo
2007	7VSXL09.4CE3	Volvo
2007	7VSXL12.1CE3	Volvo
2007	7YDXL0.32D1N	Yanmar
2007	7YDXL0.44D1N	Yanmar

NOTE: The list of excluded engine families is subject to change as additional families become certified.

EXCLUDED Engine Families