

Grapple Trucks

Government Replacement or Repower Projects

			Model Year and Emission Standard of Old Vehicle ³					
Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	CI	0.2	\$134,842	\$77,176	\$63,881	\$46,133	\$28,385	\$10,636
	CI	0.02	\$134,842	\$79,807	\$67,081	\$50,134	\$33,216	\$16,268

Non-Government Replacement Projects

			Model Year and Emission Standard of Old Vehicle ³					
Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	CI	0.2	\$42,138	\$24,118	\$19,963	\$14,416	\$8,870	\$3,324
	CI	0.02	\$42,138	\$24,940	\$20,963	\$15,667	\$10,380	\$5,084

Non-Government Repower Projects

			Model Year and Emission Standard of Old Vehicle ³					
Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	CI	0.2	\$67,421	\$38,588	\$31,940	\$23,066	\$14,192	\$5,318
	CI	0.02	\$67,421	\$39,903	\$33,541	\$25,067	\$16,608	\$8,134

¹Ignition Types are as follows: CI = Compression-Ignition (e.g., Diesel), SI = Spark-Ignition (e.g., LPG, CNG), Zero = Zero emission vehicle (e.g., electric).

²The 0.2 g/bhp-hr NO_x emission rate is the current EPA federal standard for new on-road heavy-duty vehicles. The 0.02 g/bhp-hr NO_x emission rate is an optional California low-NO_x standard.

³The 2010 EPA NO_x emission rate standard for heavy-duty, compression ignition, on-road vehicles was phased-in from 2007 thru 2010. Engines produced during these years may have a range of NO_x emission rates. If the EPA certified emission rate for an engine manufactured between 2007 and 2009 falls between one of the NO_x emission rate values listed on the table, round up to the nearest listed value for the purposes of determining an eligible grant amount.