

**On-Road Heavy-Duty Vehicle (HDDV8a)**

**GVWR (lbs): 33,001 - 60,000**

**5-year Activity Life**

Please read the instructions provided on a separate sheet before using this table.

Engine Being Replaced Emissions Model Year		1980 or earlier	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004 - 2006	2007 +			
Replacement (new) Engine Certified NO <sub>x</sub> Emissions (g/bhp-hr) <i>If between the listed amounts, use the higher rate</i>	6.000	1990	\$41,862	\$43,322	\$42,738	\$41,862	\$41,278	\$40,402	\$39,818	\$38,650	\$37,775												
	5.000	1991	\$50,184	\$51,644	\$51,060	\$50,184	\$49,600	\$48,724	\$48,140	\$46,973	\$46,097												
	5.000	1992	\$50,457	\$51,917	\$51,333	\$50,457	\$49,873	\$48,997	\$48,413	\$47,246	\$46,370												
	5.000	1993	\$50,730	\$52,190	\$51,606	\$50,730	\$50,146	\$49,270	\$48,686	\$47,518	\$46,642												
	5.000	1994	\$51,003	\$52,463	\$51,879	\$51,003	\$50,419	\$49,543	\$48,959	\$47,791	\$46,915												
	5.000	1995	\$51,412	\$52,872	\$52,288	\$51,412	\$50,828	\$49,952	\$49,368	\$48,201	\$47,325												
	5.000	1996 - 1997	\$51,685	\$53,145	\$52,561	\$51,685	\$51,101	\$50,225	\$49,641	\$48,473	\$47,597												
	4.000	1998 - 2003	\$59,216	\$60,676	\$60,092	\$59,216	\$58,632	\$57,756	\$57,172	\$56,004	\$55,128	\$17,354											
	2.375	2004 - 2007	\$71,454	\$72,913	\$72,329	\$71,454	\$70,870	\$69,994	\$69,410	\$68,242	\$67,366	\$29,592	\$21,269	\$20,996	\$20,724	\$20,451	\$20,041	\$19,769	\$12,238				
	1.500	2007 +	\$78,043	\$79,503	\$78,919	\$78,043	\$77,459	\$76,583	\$75,999	\$74,832	\$73,956	\$36,181	\$27,859	\$27,586	\$27,313	\$27,040	\$26,631	\$26,358	\$18,827	\$6,590			
	0.500	2007 +	\$85,574	\$87,034	\$86,450	\$85,574	\$84,990	\$84,114	\$83,530	\$82,362	\$81,487	\$43,712	\$35,390	\$35,117	\$34,844	\$34,571	\$34,162	\$33,889	\$26,358	\$14,120			
	0.200	2007 +	\$87,833	\$89,293	\$88,709	\$87,833	\$87,249	\$86,373	\$85,790	\$84,622	\$83,746	\$45,971	\$37,649	\$37,376	\$37,103	\$36,830	\$36,421	\$36,148	\$28,617	\$16,380			
0.000	2007 +	\$89,339	\$90,799	\$90,215	\$89,339	\$88,756	\$87,880	\$87,296	\$86,128	\$85,252	\$47,477	\$39,155	\$38,882	\$38,610	\$38,337	\$37,927	\$37,655	\$30,124	\$17,886	\$1,506			