

## Terminal Tractor: Projects replacing a non-road terminal tractor 5-Year Activity Life

Use the Column corresponding to the Horsepower Range and Emissions Model Year of the engine being replaced

Use the Row corresponding to the Certified NO<sub>x</sub> Emissions Standard or Family Emissions Limit (FEL) of the replacement engine (if between the numbers listed, use the higher rate).

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year												
	25 - 49				50 - 74				75 - 99				
	pre-1998	1999 - 2003	2004 - 2012	2013 - 2016	pre-1997	1998 - 2003	2004 - 2007	2008 - 2016	pre-1997	1998 - 2003	2004 - 2007	2008 - 2012	2013 - 2016
5.320	\$3,482				\$10,799				\$15,154				
4.655	\$4,713	\$3,870			\$12,863	\$6,967			\$18,049	\$9,776			
4.560	\$4,889	\$4,046			\$13,158	\$7,261			\$18,463	\$10,189			
3.325	\$7,176	\$6,334	\$3,695		\$16,990	\$11,094	\$6,191		\$23,841	\$15,567	\$8,687		
2.850	\$8,056	\$7,213	\$4,574		\$18,464	\$12,568	\$7,665		\$25,909	\$17,636	\$10,756		
2.500	\$8,704	\$7,861	\$5,222		\$19,550	\$13,654	\$8,751		\$27,433	\$19,160	\$12,280		
2.000	\$9,630	\$8,787	\$6,148	\$2,454	\$21,102	\$15,206	\$10,303	\$4,112	\$29,610	\$21,337	\$14,457	\$5,770	
1.500	\$10,556	\$9,713	\$7,074	\$3,380	\$22,653	\$16,757	\$11,854	\$5,663	\$31,788	\$23,514	\$16,634	\$7,947	
1.000	\$11,482	\$10,639	\$8,000	\$4,306	\$24,205	\$18,309	\$13,406	\$7,215	\$33,965	\$25,691	\$18,811	\$10,124	
0.300	\$12,778	\$11,936	\$9,297	\$5,602	\$26,377	\$20,481	\$15,578	\$9,387	\$37,013	\$28,740	\$21,859	\$13,172	
0.200	\$12,963	\$12,121	\$9,482	\$5,787	\$26,687	\$20,791	\$15,888	\$9,697	\$37,448	\$29,175	\$22,295	\$13,608	\$435
0.000	\$13,334	\$12,491	\$9,852	\$6,158	\$27,308	\$21,412	\$16,509	\$10,318	\$38,319	\$30,046	\$23,166	\$14,479	\$1,306

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year														
	100 - 174					175 - 299					300 - 599				
	pre-1996	1997 - 2002	2003 - 2006	2007 - 2011	2012 - 2016	pre-1995	1996 - 2002	2003 - 2005	2006 - 2010	2011 - 2016	pre-1995	1996 - 2000	2001 - 2005	2006 - 2010	2011 - 2016
6.900	\$17,828					\$28,469					\$58,495				
6.745	\$18,891					\$30,308					\$61,982				
5.320	\$28,662					\$47,211					\$94,042				
4.655	\$33,222	\$15,394				\$55,100	\$26,631				\$109,003	\$50,508			
4.560	\$33,874	\$16,045				\$56,227	\$27,758				\$111,141	\$52,646			
3.325	\$42,342	\$24,514	\$9,120			\$70,877	\$42,407	\$15,777			\$138,926	\$80,431	\$27,785		
2.850	\$45,599	\$27,771	\$12,377			\$76,511	\$48,042	\$21,411			\$149,612	\$91,117	\$38,472		
2.500	\$47,999	\$30,171	\$14,777			\$80,663	\$52,194	\$25,563			\$157,487	\$98,992	\$46,346		
2.000	\$51,428	\$33,600	\$18,205	\$5,828		\$86,594	\$58,125	\$31,494	\$10,083		\$168,736	\$110,241	\$57,595	\$19,123	
1.500	\$54,856	\$37,028	\$21,634	\$9,257		\$92,525	\$64,056	\$37,425	\$16,014		\$179,985	\$121,490	\$68,844	\$30,372	
1.000	\$58,285	\$40,457	\$25,062	\$12,686		\$98,456	\$69,987	\$43,356	\$21,945		\$191,234	\$132,739	\$80,093	\$41,622	
0.300	\$63,085	\$45,256	\$29,862	\$17,485		\$106,760	\$78,290	\$51,660	\$30,249		\$206,983	\$148,488	\$95,842	\$57,370	
0.200	\$63,771	\$45,942	\$30,548	\$18,171	\$686	\$107,946	\$79,477	\$52,846	\$31,435	\$1,186	\$209,232	\$150,737	\$98,092	\$59,620	\$2,250
0.000	\$65,142	\$47,314	\$31,920	\$19,543	\$2,057	\$110,318	\$81,849	\$55,218	\$33,807	\$3,559	\$213,732	\$155,237	\$102,591	\$64,120	\$6,749

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year				
	600 - 749				
	pre-1995	1996 - 2001	2002 - 2005	2006 - 2010	2011 - 2016
7.200	\$84,399				
6.900	\$94,527				
6.745	\$99,760				
5.320	\$147,867				
4.655	\$170,318	\$75,790			
4.560	\$173,525	\$78,998			
3.325	\$215,218	\$120,691	\$41,693		
2.850	\$231,254	\$136,727	\$57,729		
2.500	\$243,070	\$148,543	\$69,545		
2.000	\$259,950	\$165,422	\$86,425	\$28,696	
1.500	\$276,829	\$182,302	\$103,305	\$45,576	
1.000	\$293,709	\$199,182	\$120,184	\$62,455	
0.300	\$317,341	\$222,814	\$143,816	\$86,087	
0.200	\$320,717	\$226,190	\$147,192	\$89,463	\$3,376
0.000	\$327,469	\$232,942	\$153,944	\$96,215	\$10,128