

Non-Road Grader 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_x 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	\$3,313				\$10,277				\$14,421				
4.655	\$4,485	\$3,683			\$12,240	\$6,630			\$17,176	\$9,303			
4.560	\$4,653	\$3,851			\$12,521	\$6,910			\$17,570	\$9,697			
3.325	\$6,829	\$6,027	\$3,516		\$16,168	\$10,557	\$5,891		\$22,687	\$14,814	\$8,267		
2.850	\$7,666	\$6,864	\$4,353		\$17,571	\$11,960	\$7,294		\$24,656	\$16,783	\$10,235		
2.500	\$8,283	\$7,481	\$4,970		\$18,604	\$12,994	\$8,328		\$26,106	\$18,233	\$11,686		
2.000	\$9,164	\$8,362	\$5,851	\$2,335	\$20,081	\$14,470	\$9,804	\$3,913	\$28,178	\$20,305	\$13,758	\$5,491	
1.500	\$10,045	\$9,243	\$6,732	\$3,216	\$21,557	\$15,947	\$11,281	\$5,389	\$30,250	\$22,377	\$15,829	\$7,562	
1.000	\$10,926	\$10,125	\$7,613	\$4,097	\$23,034	\$17,423	\$12,757	\$6,866	\$32,322	\$24,449	\$17,901	\$9,634	
0.300	\$12,160	\$11,358	\$8,847	\$5,331	\$25,101	\$19,490	\$14,824	\$8,933	\$35,223	\$27,349	\$20,802	\$12,535	
0.000	\$12,689	\$11,887	\$9,376	\$5,860	\$25,987	\$20,376	\$15,710	\$9,819	\$36,466	\$28,592	\$22,045	\$13,778	\$1,243

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	\$16,966					\$27,092					\$55,665				
6.745	\$17,977					\$28,842					\$58,984				
5.320	\$27,276					\$44,928					\$89,493				
4.655	\$31,615	\$14,649				\$52,434	\$25,342				\$103,730	\$48,065			
4.560	\$32,235	\$15,269				\$53,507	\$26,415				\$105,764	\$50,099			
3.325	\$40,294	\$23,328	\$8,679			\$67,448	\$40,356	\$15,014			\$132,205	\$76,540	\$26,441		
2.850	\$43,394	\$26,428	\$11,778			\$72,810	\$45,718	\$20,375			\$142,375	\$86,710	\$36,611		
2.500	\$45,677	\$28,711	\$14,062			\$76,761	\$49,669	\$24,326			\$149,868	\$94,203	\$44,104		
2.000	\$48,940	\$31,974	\$17,325	\$5,547		\$82,405	\$55,313	\$29,971	\$9,595		\$160,573	\$104,908	\$54,809	\$18,198	
1.500	\$52,203	\$35,237	\$20,587	\$8,809		\$88,049	\$60,957	\$35,615	\$15,239		\$171,278	\$115,613	\$65,514	\$28,903	
1.000	\$55,465	\$38,499	\$23,850	\$12,072		\$93,693	\$66,601	\$41,259	\$20,883		\$181,983	\$126,318	\$76,219	\$39,608	
0.300	\$60,033	\$43,067	\$28,418	\$16,640		\$101,595	\$74,503	\$49,161	\$28,785		\$196,970	\$141,305	\$91,206	\$54,595	
0.000	\$61,991	\$45,025	\$30,375	\$18,597	\$1,958	\$104,982	\$77,890	\$52,547	\$32,172	\$3,387	\$203,393	\$147,727	\$97,629	\$61,018	\$6,423

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	\$80,316				
6.900	\$89,954				
6.745	\$94,934				
5.320	\$140,714				
4.655	\$162,079	\$72,124			
4.560	\$165,131	\$75,176			
3.325	\$204,807	\$114,853	\$39,676		
2.850	\$220,067	\$130,113	\$54,936		
2.500	\$231,311	\$141,357	\$66,181		
2.000	\$247,375	\$157,420	\$82,244	\$27,308	
1.500	\$263,438	\$173,484	\$98,307	\$43,371	
1.000	\$279,501	\$189,547	\$114,371	\$59,434	
0.300	\$301,990	\$212,035	\$136,859	\$81,923	
0.000	\$311,628	\$221,673	\$146,497	\$91,561	\$9,638