

Non-Road Off-Highway Truck 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 | \$3,912 | | | | \$12,135 | | | | \$17,028 | | | | |
| 4.655 | \$5,296 | \$4,349 | | | \$14,454 | \$7,829 | | | \$20,282 | \$10,985 | | | |
| 4.560 | \$5,494 | \$4,547 | | | \$14,785 | \$8,160 | | | \$20,747 | \$11,450 | | | |
| 3.325 | \$8,064 | \$7,117 | \$4,152 | | \$19,092 | \$12,466 | \$6,957 | | \$26,790 | \$17,493 | \$9,762 | | |
| 2.850 | \$9,052 | \$8,106 | \$5,140 | | \$20,748 | \$14,123 | \$8,613 | | \$29,114 | \$19,817 | \$12,086 | | |
| 2.500 | \$9,781 | \$8,834 | \$5,868 | | \$21,969 | \$15,343 | \$9,834 | | \$30,827 | \$21,530 | \$13,799 | | |
| 2.000 | \$10,821 | \$9,874 | \$6,909 | \$2,757 | \$23,712 | \$17,087 | \$11,577 | \$4,620 | \$33,274 | \$23,977 | \$16,245 | \$6,483 | |
| 1.500 | \$11,862 | \$10,915 | \$7,949 | \$3,798 | \$25,456 | \$18,830 | \$13,321 | \$6,364 | \$35,720 | \$26,423 | \$18,692 | \$8,930 | |
| 1.000 | \$12,902 | \$11,955 | \$8,990 | \$4,838 | \$27,199 | \$20,574 | \$15,064 | \$8,107 | \$38,167 | \$28,870 | \$21,138 | \$11,377 | |
| 0.300 | \$14,359 | \$13,412 | \$10,447 | \$6,295 | \$29,640 | \$23,015 | \$17,505 | \$10,548 | \$41,592 | \$32,295 | \$24,564 | \$14,802 | |
| 0.000 | \$14,983 | \$14,036 | \$11,071 | \$6,919 | \$30,686 | \$24,061 | \$18,551 | \$11,595 | \$43,060 | \$33,763 | \$26,032 | \$16,270 | \$1,468 |

| 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 | \$20,034 | | | | | \$31,991 | | | | | \$65,732 | | | | |
| 6.745 | \$21,228 | | | | | \$34,057 | | | | | \$69,650 | | | | |
| 5.320 | \$32,208 | | | | | \$53,052 | | | | | \$105,676 | | | | |
| 4.655 | \$37,332 | \$17,298 | | | | \$61,916 | \$29,925 | | | | \$122,488 | \$56,757 | | | |
| 4.560 | \$38,064 | \$18,030 | | | | \$63,183 | \$31,191 | | | | \$124,890 | \$59,158 | | | |
| 3.325 | \$47,580 | \$27,547 | \$10,248 | | | \$79,645 | \$47,654 | \$17,728 | | | \$156,113 | \$90,381 | \$31,223 | | |
| 2.850 | \$51,240 | \$31,207 | \$13,908 | | | \$85,976 | \$53,985 | \$24,060 | | | \$168,121 | \$102,390 | \$43,231 | | |
| 2.500 | \$53,937 | \$33,903 | \$16,605 | | | \$90,642 | \$58,651 | \$28,725 | | | \$176,970 | \$111,238 | \$52,080 | | |
| 2.000 | \$57,790 | \$37,756 | \$20,458 | \$6,550 | | \$97,307 | \$65,315 | \$35,390 | \$11,330 | | \$189,610 | \$123,879 | \$64,720 | \$21,489 | |
| 1.500 | \$61,643 | \$41,609 | \$24,310 | \$10,402 | | \$103,971 | \$71,980 | \$42,055 | \$17,995 | | \$202,251 | \$136,519 | \$77,361 | \$34,130 | |
| 1.000 | \$65,495 | \$45,461 | \$28,163 | \$14,255 | | \$110,636 | \$78,645 | \$48,720 | \$24,660 | | \$214,892 | \$149,160 | \$90,002 | \$46,771 | |
| 0.300 | \$70,889 | \$50,855 | \$33,557 | \$19,649 | | \$119,967 | \$87,976 | \$58,051 | \$33,991 | | \$232,589 | \$166,857 | \$107,699 | \$64,468 | |
| 0.000 | \$73,201 | \$53,167 | \$35,868 | \$21,960 | \$2,312 | \$123,966 | \$91,975 | \$62,050 | \$37,990 | \$3,999 | \$240,173 | \$174,442 | \$115,283 | \$72,052 | \$7,584 |

| 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 | \$94,840 | | | | |
| 6.900 | \$106,221 | | | | |
| 6.745 | \$112,101 | | | | |
| 5.320 | \$166,160 | | | | |
| 4.655 | \$191,388 | \$85,167 | | | |
| 4.560 | \$194,992 | \$88,771 | | | |
| 3.325 | \$241,843 | \$135,622 | \$46,851 | | |
| 2.850 | \$259,862 | \$153,641 | \$64,871 | | |
| 2.500 | \$273,140 | \$166,919 | \$78,148 | | |
| 2.000 | \$292,108 | \$185,887 | \$97,116 | \$32,246 | |
| 1.500 | \$311,076 | \$204,855 | \$116,085 | \$51,214 | |
| 1.000 | \$330,044 | \$223,823 | \$135,053 | \$70,182 | |
| 0.300 | \$356,600 | \$250,378 | \$161,608 | \$96,737 | |
| 0.000 | \$367,980 | \$261,759 | \$172,989 | \$108,118 | \$11,381 |