

ON-ROAD HEAVY-DUTY CI ENGINE EMISSION STANDARDS BY MODEL YEAR

Model Year	Diesel Engines Emission Standard	
	NO _x Only (g/bhp-hr)	NO _x +NMHC (g/bhp-hr)
1989 and earlier	10.7	
1990	6.0	
1991-1997	5.0	
1998-2001	4.0	
2002	4.0	
2003*	4.0	
2004 -2006	2.375	2.5
2007-2009*	0.2-2.375	
2010+	0.2	

*Some manufacturers were producing 2003 engines that met the more stringent 2.375 g/bhp-hr standard. Any application request for the consideration of a 2003 engine must include a copy of the official engine certification for the specific engine model or engine family code.

*The 2007 NO_x emission standard is 0.20 g/bhp-hr. Manufacturers phased in their compliance with this new standard over a three-year period. Therefore, it is not guaranteed that a 2007 model year vehicle and engine met the lower standard. Any application request for the consideration of a 2007-2009 engine must include a copy of the official engine certification for the specific engine model or engine family code.