




MSTRS Meeting

Low NOx Rebuild Program
Update

Anne Wick EPA/OECA

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Diesel Engine Consent Decree Low NOx Rebuild Program Progress

- 1998 Diesel Consent Decrees resolved claims that Seven Diesel Engine manufacturers installed illegal computer software on heavy duty diesel engines that turned off the engine emission control system during highway driving

Diesel Engine Consent Decree Low NOx Rebuild Program Progress

- Settlement provisions included:
 - \$83.4 million total penalty
 - Pull-ahead of emissions standards for highway and nonroad engines
 - Low NOx Rebuild Program
 - Projects and In-Use Testing
- The companies involved are Caterpillar, Inc., Cummins Engine Company, Detroit Diesel Corporation, Mack Trucks, Inc., Navistar International Transportation Corporation, Renault Vehicules Industriels, s.a., and Volvo Truck Corporation.

Diesel Engine Consent Decree Low NOx Rebuild Program Progress

■ Low NOx Rebuild Program Elements:

- Manufacturers must install Low NOx kits on existing engines to reduce highway NOx:

Low NOx Option	MY	Standard HHDDE (Euro/NTE)
A	94-98	7.0/8.75
B	93-98	7.5/9.38

- Install Low NOx kit when engine is rebuilt
- Provide kit free of charge
- Report number of Low NOx kits installed quarterly



Low NOx Kit Installation Progress

(compiled from Jan 2007 quarterly reports)

- 1.1 million engines eligible for Low NOx kit (1993 – 1998 Model Years)
- 102,000 Low NOx kits installed through Low NOx Rebuild Program since inception
- Additional 88,000 Low NOx kits installed on engines prior to rebuild through projects
- See handout for individual manufacturer's progress



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<http://www.epa.gov/compliance/resources/cases/civil/caa/diesel/index.html>