

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-290-29

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

DETROIT DIESEL CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Detroit Diesel Corporation 1993 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Liters (Cubic Inches)</u>		<u>Exhaust Emission Control Systems and Special Features</u>
PDD0552FZP2	9.0	552	Powertrain Control Module Charge Air Cooler Periodic Trap Oxidizer Turbocharger

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family in grams per brake-horsepower-hour:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification emission values for this engine family in grams per brake-horsepower-hour:

<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
PDD0552FZP2	0.5	4.0	4.8	0.07

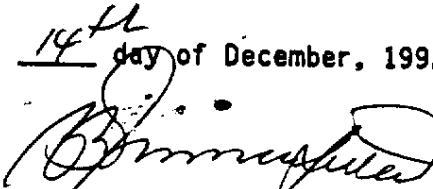
BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed engine family is certified for use in urban buses.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 14th day of December, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Executive Order No.: A-290-24

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer: Detroit Diesel Corporation Engine Family: PDD0552FZP2
 Liter (CID): 9 (552) Fuel Type: Diesel No. 1 or 2 Engine Type: V-6
 Emission Control System and (Special Features): ECM/PCM, CAC, TOP, (TC)

ENGINE MODEL (ENG. CODE)	RATED HP AT RPM	FUEL RATE @ RATED HP mm ³ /STROKE (LBS/HR)	FUEL PUMP & INJECTOR P/N	ECM/PCM P/N	PART. TRAP/ CATALYST P/N
<u>6V-92TA BUS W/EXH TRAP</u>					
1T	277@2100	78.3 (104.7)	5234960	7570050	23507604/ 23507600 P212874/ P213276
2T	253@2100	71.9 (96.1)	5234960	7570050	23512087/ 23512088 P215652/ P215650
3T	253@2100	71.9 (96.1)	5234960	7570050	23507773/ 23507772 P213946/ P214191
4T	277@2100	76.3 (106.6)	5234960	7570050	23512087/ 23512088 P215652/ P215650
5T	253@2100	69.9 (97.6)	5234960	7570050	23512087/ 23512088 P215652/ P215650
6T	253@2100	69.9 (97.6)	5234960	7570050	23512087/ 23512088 P215652/ P215650
7T	300@2100	81.0 (113.1)	5234960	7570050	23512087/ 23512088 P215652/ P215650
8T	330@2100	90.3 (126.1)	5234965	7570050	

The prefix "P" indicates a Donaldson Co., Inc. part number. Each TOP system consists of two exhaust filters and can be used with any of the above Engine Codes.

(1) Diesel Technology Corporation

ISSUED: 09-15-92

REV. NO.: