State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-290-20

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 1992 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

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
NDD0552FZP4	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:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
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:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
NDD0552FZP4	0.4	2.4	4.9	0.06

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 2nd day of July, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Executive Order No.: A-290-20

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer: Detroit Diesel Corporation Engine Family: NDD0552FZP4

Liter (CID): 9 (552) Fuel Type: Diesel No. 1 or 2 Engine Type: V-6

Emission Control System and (Special Features): PCM ,CAC,PTOX, (TC)

ENGINE MODEL (ENG. CODE)	FUEL INJECTION PUMP MFR PART NO.	INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE mm3/STROKE (LBS/HR)	PART. TRAP/ MFR. P/N
6V-92TA BUS W/EXH TRAP					
1T	NA	(1) 5234960	277@2100	78.3 (104.7)	23507604/ 23507600 P212874/ P213276
2T	NA	(1) 5234960	253@2100	71.9 (96.1)	23512087/ 23512088 P215652/ P215650
3T	NA	(1) 5234960	253@2100	71.9 (96.1)	23507773/ 23507772 P213946/ P214191
4T	NA	(1) 5234960	277@2100	76.3 (106.6)	
5T	NA	(1) 5234960	253@2100	69.9 (97.6)	
6T	NA	(1) 5234960	253@2100	69.9 (97.6)	

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: 06-10-92 REV. NO.: