State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-72

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CUMMINS ENGINE COMPANY, INC.

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 Cummins Engine Company, Inc. 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
NCE0359FAA8 (403A)	5.9	(359)	Smoke Puff Limiter Charge Air Cooler Turbocharger

Engine models and codes are listed on attachments.

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

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.25

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

Engine Family	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
NCE0359FAA8 (403A)	0.3	1.1	4.9	0.25

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.).

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 30th day of October, 1991.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-21-72

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

Manufacturer Cummins Engine Company, Inc. Engine Family (403A) NCE0359FAA8

Liter (CID) 5.9 (359) Eng. Type I-6

Emission Control Sys. & Special Features SPL (TC,CAC)
(Use abbreviations per SAE J1930 Jun88)

Engine Model (Eng. Code)	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm^3/stroke	Particulate Trap Mfr. Part Number
B5.9-160 (1351)	Robert Bosch 3913442(12V) 3918964(24V) 3918991(12V) 3918992(24V) 3919712(12V) 3919713(24V) 3919714(12V) 3919715(24V) 3923346(12V) 3923347(12V) 3923348(12V) 3923349(12V)	Robert Bosch 3918965	160@2500	74.0	NA

Revisions:
031390
030186

REVISED
FEB 17 1992

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(1)B5.9-160 (1579)	Robert Bosch 3923346(12V)	Robert Bosch 3918965	160@2500	74.0	NA
	3923347(12V)				
	3923348(12V)				
	3923349(12V)				
	(2) 3919712(12V)				
	(2) 3919713(24V)				
	(2) 3919714(12V)				
	(2) 3919715(24V)				
	(2) 3913442(12V)				
	(2) 3918964(24V)				
	(2) 3918991(12V)				
	(2) 3918992(24V)				

Revisions: (1) RCI-403A-92
031390 (2) RC2-403A-92
030186

SUBMITTED
FEB 17 1992