

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-31
Relating to Certification of New Motor Vehicle Engines

CUMMINS ENGINE CO., 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 Co., Inc. 1985 model-year diesel engines have shown compliance with the optional transient standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
093I	855 (14.0)	Air Fuel Control Mechanical Variable Timing (Turbocharged and Aftercooled) (Diesel Injection Direct)

Engine models and codes are listed on attachments.

The following are the certification emission values for this engine family:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
093I	0.6	5.0

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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.

Executed at El Monte, California this 22nd day of October, 1984.


K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer Cummins Engine Company, Inc.

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Engine Family 0931 CID(Liter)-Type 855 (14.0) Inline 6
 ECS and (Special Features) AFC, MVT (Turbocharged, DID) ^{*intercooled}

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
IC-400 PL 0614	Cummins 217795 3037216 3034873 3034874	Cummins 3037338	400 @ 2100	215	(19° BTDC @ .2032 in. piston travel, .266 in. Inj. push tube travel)
IC-350 PL 0615	Cummins 217795 3037216 3034873 3034874	Cummins 3040912	350 @ 1800	203	(Same)
IC-300 PL 0616	Cummins 217795 3037216 3034873 3034874	Cummins 3038187	300 @ 1800	173	(Same)
IC-240 PL 0617	Cummins 217795 3037216 3034873 3034874	Cummins 3037337	240 @ 1800	143	(Same)

Date of Issue -