

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-20  
Relating to Certification of New 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. 1980 model-year diesel engines 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</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
093G	855	Air Fuel Control Mechanical Variable Timing (Turbocharged and Aftercooled)

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
093G	0.8	3	5.4

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

CUMMINS ENGINE COMPANY, INC.

EXECUTIVE ORDER A-21-20  
(Page 2 of 2)

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 attachment.

Executed at El Monte, California this 26<sup>th</sup> day of December, 1979.

*K. D. Drachand / RJK*  
K. D. Drachand, Acting Chief  
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Cummins Engine Co. Inc. Executive Order No. A-21-20 Page 1

<u>Engine Family</u>	<u>Model</u>	<u>Critical Parts List</u>
093G	NTCC-400	0454, 0457(1)
	NTCC-350	0455, 0458(1)
	NTCC-300	0456, 0459(1)
	NHHTCC-290(1)	0494
	NHHTCC-350(1)	0495

Date of Issue: 122679

Revisions: (1) R/C 3-093G-80 062780

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer Cummins Engine Company, Inc. Page 2

Engine Family 093G CID-Type 855-J6

ECS (Special Features) Air Fuel Control, Mechanical Variable Timing (TCA)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum <sup>3</sup> HP/mm <sup>3</sup> /stroke	Label Ident.
NTCC-400 CPL 0454 0457(1)	217795 217797 3004284 3008908	3022269 3024638(1)	400 @ 2100	213	19° BTDC @ .2032 in Piston Travel and .115 in Injector push tube travel
NTCC-350 CPL-0455 0458(1)		3022268 3024637(1)	350 @ 1800	203	19° BTDC @ .2032 in Piston Travel and .105 in Injector push tube travel
NTCC-300 CPL-0456 0459(1)		3022268(1)	300 @ 1800	176	19° BTDC @ .2032 in Piston Travel and .100 in Injector push tube travel
<del>NHHTCC-290(1)</del> CPL-0494		3022268	290 @ 1900	167	19° BTDC @ .2032 in piston travel and .105 in injector push tube travel
NHHTCC-350(1) CPL-0495		3024637	350 @ 1900	198	19° BTDC @ in piston travel and .110 in injector push tube travel

TCA - Turbocharged and after cooled  
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