State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-8
Relating to Certification of New Motor Vehicles

CUMMINS ENGINE COMPANY, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 39018, 39600, 39601, 43101, and 43102 of the Health and Safety Code; and

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

IT IS ORDERED AND RESOLVED: That Cummins Engine Company, Inc. 1976 model year diesel-powered engines for use in heavy-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size CID	Engine Model	Type
092	855	NTCC-335 NTCC-290-R NTCC-290-F NHHTC-290 Power Torque 270 NTC-290 NTF-295 NTC-250-S NTC-250 NHHTC-250 NTC-230-S NTC-230 NTF-255	Six Cylinder Inline-Turbocharged
172B	903	VT-903	V-8 Turbocharged
192B	1150	KT-450	Six Cylinder Inline-Turbocharged

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle. This decal discloses the highest emissions from the certification fleet for that vehicle for which certification has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour	Carbon Monoxide grams/brake horsepower-hour
092	10	3
172B	10	3
192B	9	1

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 9th day of January, 1976.

G C Hass by A D Vachard

G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: CUMMINS ENGINE COMPANY, INC. EXECUTIVE ORDER NO. A-21-8

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No. (1)	Injectors Mfgr. Part No.	Tune-Up Specification Max Rated H.P. and RPM	Initial Injection (2) Timing	Fuel Rate (3)	Remarks (Emission System)
092	NTCC-335	855	T.C.	Cummins	AR-40118 or 3003944	335 @2100	.046	184	Air/Fuel Control (CPL 0190 ONLY)
	NTCC-290-R					300 @2100		164	
						270 @1950		163	
	NTCC-290-F					270 @1950		157	
	NTC-290				AR-45756 or 3004747	290 @1900	.050	172	Air/Fuel Control ONLY, or Aneroid ONLY (i.e., option of one or the other.) (CPL 0217 ONLY)
						290 @2100		162	
						270 @1900		161	
						270 @2100		154	
						255 @1900		153	
						255 @2100		145	
						240 @1900		144	
						240 @2100		140	
	NHHTC-290					290 @1900		172	
						290 @2100		162	
						270 @1900		161	
						270 @2100		154	
	Power Torque 270					270 @2100		154	
						255 @2100		145	
						240 @2100		140	

Abbreviations:

*N.A. - Natural Aspiration
T.C. - Turbocharged.
T.C.A.- Turbocharged and After-cooled.

(1) Fuel pump identified by fuel rate.
(2) inches @ .2092 inches BTDC piston travel.
(3) cu. mm/stroke at rated horsepower

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

R/C 6-92-76

MANUFACTURER: CUMMINS ENGINE COMPANY, INC

EXECUTIVE ORDER NO. A-21-8

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No. (1)	Injectors Mfgr. Part No.	Tune-Up Specification: Max Rated H.P. and RPM	Tune-Up Specification: Initial Injection (2) Timing	Tune-Up Specification: Fuel Rate (3)	Remarks (Emission System)
092	NTC-290	855	T.C.	Cummins	AR-40118 or 3003944	290 @ 2100	.036	158	Aneroid ONLY or Air/Fuel Control ONLY (i.e., option of one or the other) (CPL 0187 ONLY)
						270 @ 2100		148	
						255 @ 2100		140	
						240 @ 2100		131	
	NTF-295					295 @ 2300		156	
	NTC-250-C				AR-40117 or 3003945	250 @ 1800		152	Same emission system as above, but CPL 0189 is used.
	NTC-250					250 @ 1950		143	
	NHHTC-250					250 @ 2100		136	
						250 @ 2100		136	
	NTC-230-S					230 @ 1800	.040	137	Air/Fuel Control (CPL 0220 ONLY)
	NTC-230					230 @ 1900		131	
						230 @ 2100		124	
						200@1800		120	
	NTF-255					255@2300		129	

Abbreviations:

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(1) Fuel pump identified by fuel rate.
(2) inches @ .2032 inches BTDC piston travel.
(3) cu. mm/stroke at rated horsepower

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: CUMMINS ENGINE COMPANY, INC — EXECUTIVE ORDER NO. A-21-8 —

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No. (1)	Injectors Mfgr. Part No.	Tune-Up Specification: Max Rated H.P. and RPM	Tune-Up Specification: Initial Injection (2) Timing	Tune-Up Specification: Fuel Rate (3)	Remarks (Emission System)
172B	VT-903	903	T.C.	Cummins	3003955	320@2400A	.066	110	CPL 0151 ONLY
						320@2600		107	
						300@2400		104	
						280@2200		103	
						300@2600		102	
						280@2400		98	
						270@2600		94	
						240@2400		87	
						320@2400	.078	110	CPL 0247 ONLY
						320@2600		107	
						300@2400		104	
						280@2200		103	
						300@2600		102	
						280@2400		98	
						270@2600		94	
						240@2400		87	
192B	KT-450	1150	T.C.	Cummins	3003958	450@2100A	.108	239	Air/Fuel Control
						400@1900		229	
						425@2100		227	(CPL 0183 ONLY)
						400@2100B		215	
						400@2100 375@1900		215	

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