

R. C. [unclear]

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-7
Relating to Approval of New Motor Vehicles

CATERPILLAR TRACTOR CO.

Pursuant to the authority vested in the Air Resources Board by Section 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Caterpillar Tractor Co. 1975 model year diesel-powered engines in heavy-duty motor vehicles are approved for the engine families described below:

<u>Engine Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Type</u>
5	638	1674	In-Line 6
6	893	1693T	In-Line 6
8	893	3406	In-Line 6
9	893	3406	In-Line 6
10	893	3406	In-Line 6

Section 39152, Part 1, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal 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.

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

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
5	5	2
6	5	1
8	10	1
9	6	3
10	6	1

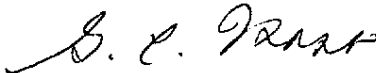
Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

CATERPILLAR TRACTOR CO.

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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 2 day of December, 1974.



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

AIR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1975 MODEL YEAR
 HEAVY-DUTY DIESEL ENGINES

23-75

MANUFACTURER: CATERPILLAR TRACTOR CO.

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Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump		Injectors	Tune-up Specification		REMARKS
				Mfr. Part No.	Mfr. Part No.		H.P. and RPM	Initial Injection Timing	
5	1674	638	TCA	CTCo./	CTCo./	270@2200 255@2200	6° 6°	146 134	Pre-Chamber
				9S3901	7S5105				
				CTCo./	CTCo./				
6	1693	893	TC	CTCo./	CTCo./	325@2100	8°	189	Pre-Chamber
				8S5174	7S1059				
				CTCo./	CTCo./				
8	3406	893	TC	CTCo./	CTCo./	280@2100 255@2100 255@1900 280@2100 255@2100 255@1950	29° 29° 29° 28° 28° 28°	152 138 146 151 138 144	Direct Injection
				9N69	9L6884				
				CTCo./	CTCo./				
9	3406	893	TC	CTCo./	CTCo./	325@2100 300@2100 280@2100 255@2100 300@1950 255@1950	10° 10° 10° 10° 10° 10°	190 175 160 147 184 157	Pre-Chamber
				9N588	4N1251				
				CTCo./	CTCo./				
10	3406	893	TCA	CTCo./	CTCo./	375@2100 360@2100 340@2100	10° 10° 10°	211 197 192	Pre-Chamber
				9N72	4N1251				
				CTCo./	CTCo./				

Abbreviations:

- * N.A. - Natural Aspiration
- T.C. - Turbocharged
- T.C.A. - Turbocharged and Aftercooled

(1) rpm / pump stroke