

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-43  
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

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 Chrysler Corporation exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: TD-225-1-C  
Engine: 225 CID  
Transmission: 3-speed automatic, 3 and 4-speed manual  
Exhaust Emission Control Systems: Engine modifications, exhaust gas recirculation, oxidation catalyst

Models: Dodge  
\*ADT Sport Utility Ramcharger  
\*B1 Van Ramcharger S.E.  
\*B1 Wagon Tradesman  
\*B2 Van Street Van  
\*B2 Wagon Custom Sportsman  
\*D1 Chassis Cab Sportsman  
D1 Club Cab Adventurer  
D1 Conventional Cab Adventurer S.E.  
Adventurer S.E.  
Custom  
Adventurer  
Adventurer S.E.  
Custom  
Adventurer  
Adventurer S.E.  
Custom

<u>Plymouth</u>	
*PB1 Wagon	Voyager
	Voyager Custom
*PB2 Wagon	Voyager
	Voyager Custom
*PD1 Sport Utility	Trailduster
	Trailduster Sport

\*4-speed manual transmission not available

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
TD-225-1-C	0.9	17	1.6

BE IT FURTHER RESOLVED: That this certification is contingent upon Chrysler Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Chrysler Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified 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 3 day of August, 1976.



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

Manufacturer Chrysler Corporation Executive Order No. A-9-43 Page 1  
 Engine Family TD-225-1-C Engine (CID) 225 Engine Code \_\_\_\_\_  
 Emission Control System EM, EGR, OC +10%(A/C) Yes  No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: C+V, EI Mfgr. Part Number	Fuel System Type: 1V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A11	A-3	4000	Chrysler 3874598	Holley 4041567	3870621 3870622 No Service	(1) 20 <sup>+</sup> 20 <sup>0</sup> BTDC W/V disconnected & plugged @ distributor (2) 0.3 (0 < CO% < 0.7) % CO measured @ upstream catalyst tap (3) 750+100 RPM in neutral.
	M-3 and M-4			Holley 4041565		(1) 0 <sup>0</sup> +2 <sup>0</sup> BTDC W/V disconnected & plugged @ distributor (2) and (3) Same
Comments						
Date of Issue July 28, 1976						

**Abbreviations**

Distributor

C-Centrifugal Advance  
 V-Vacuum Advance  
 R-Vacuum Retard  
 HEI-High Energy Ignition  
 EI-Electronic Ignition  
Fuel System  
 EFI, FI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emission Control System

AI-Air Injection  
 CAI-Catalyst Air Injection  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 EFE-Early Fuel Evaporation  
 ESAC-Electronic Spark Advance Control  
 FI-Fuel Injection

OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 RC-Reduction Catalyst  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 λ-Air Fuel Ratio Sensor  
 \*Service  
 I-Inspect, repair/replace as needed  
 R-Replace