State of California Air Resources Board

EXECUTIVE ORDER A-9-42 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 passenger cars are certified for the engine family described below:

Engine Family: CD-440-4ST-GEP

Engine: 440

Transmission: 3-speed automatic

Exhaust Emissions Control Systems: Air injection, electronic spark

advance control, exhaust gas

recirculation, oxidation catalyst

Models: Chrysler

Code II Vehicles

Newport 2-Door Hardtop Newport 4-Door Hardtop Newport 4-Door Sedan New Yorker Brougham 2-Doo

New Yorker Brougham 2-Door Hardtop New Yorker Brougham 4-Door Hardtop

Dodge

Code I Vehicles

Royal Monaco 2-Door Hardtop Royal Monaco 4-Door Sedan

Royal Monaco Brougham 2-Door Hardtop

Code II Vehicle

Royal Monaco Brougham 4-Door Sedan

Plymouth |

Code I Vehicles

Gran Fury 2-Door Hardtop Gran Fury 4-Door Sedan Gran Fury Brougham 2-Door Hardtop Gran Fury Brougham 4-Door Sedan

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

Forest or Frontain	Hydrocarbons		Nitrogen Oxides
Engine Family	Grams per Mile	Grams per Mile	Grams per Mile
CD-440-4ST-GEP	0.24	9.0	1.5

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 $\frac{24}{3}$ day of August, 1976.

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

		AIR RES assenger		Light-Duty		•
Manufacture Engine Fami				Executive Engine (CID)	Order No. <u>A</u>	Page 1 Code
Emission Co	ntrol S	ystem_A	I, EGR, ESAC	, OC	+10%	(A/C) YesX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type:EI,C+ V(ESAC) Mfgr.	Fuel System Type: 4V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Code I Vehicles Code II Vehicles		5500	Chrysler 4091019	Carter 4027750	3830120	(1)8±2° BTDC W/ESAC hose disconnected and plugged from vacuum sensor. (2)0.3% CO (0 <c0<2%) (3)750±100="" @upstream="" ai="" and="" catalyst="" disconnected="" in="" neutral<="" plugged.="" rpm="" tap="" td="" w=""></c0<2%)>
Comments ** No service Date of Issue 082476; Rev. (a) 60 111976 Revised See R.C. #62				Revised 12- See R. C. # Revised 1-1	58	
Abbreviations Distributor	Dated	11/12/76		ion Control	See R.C. #66 See E.O. A-	5

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-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