

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-51  
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

- Engine Family: CD-225-1-EP
- Engine: 225 CID
- Transmission: 3-speed Automatic
- Exhaust Emission Control Systems: Air Injection, Engine Modifications, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year 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>
CD-225-1-EP	0.34	4.1	1.4

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-9 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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 12 day of August, 1977.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Corporation Executive Order No. A-9-51 Page one  
 Engine Family CD-225-1-EP Engine (CID) 225

ABBREVIATIONS

<u>Distributor</u>	<u>Exhaust Emission Control</u>	ESAC-Electronic Spark Advance Control
C-Centrifugal Advance	AI-Air Injection	OC-Oxidation Catalyst
V-Vacuum Advance	CAI-Catalyst Air Injection	
VR-Vacuum Retard Fuel System	EGR-Exhaust Gas Recirculation	
EFI	EM-Engine Modification	
nV-nVenturi Carburetor		

Models: DODGE

NL29 Aspen 2 Door Coupe  
 Aspen Custom 2 Door Coupe  
 Aspen Special Edition 2 Door Coupe

NL41 Aspen 4 Door Sedan  
 Aspen Custom 4 Door Sedan  
 Aspen Special Edition 4 Door Sedan

NL45 Aspen 4 Door 2 Seat Wagon  
 Aspen Special Edition 4 Door 2 Seat Wagon

GH22 Diplomat 2 Door Pillared Hardtop

GH41 Diplomat 4 Door Sedan

GP22 Diplomat Medallion 2 Door Pillared Hardtop

GP41 Diplomat Medallion 4 Door Sedan

GH45 Diplomat 4 Door 2 Seat Wagon

PLYMOUTH

HL29 Volare 2 Door Coupe  
 Volare Custom 2 Door Coupe  
 Volare Premier 2 Door Coupe

HL41 Volare 4 Door Sedan  
 Volare Custom 4 Door Sedan  
 Volare Premier 4 Door Sedan

HL45 Volare 4 Door 2 Seat Wagon  
 Volare Premier 4 Door 2 Seat Wagon

CHRYSLER

FH22 LeBaron 2 Door Pillared Hardtop

FH41 LeBaron 4 Door Sedan

FP22 LeBaron Medallion 2 Door Pillared Hardtop

FP41 LeBaron Medallion 2 Door Sedan

FH45 LeBaron Town & County 4 Door 2 Seat Wagon

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars     Light-Duty Trucks     Medium-Duty Vehicles

Manufacturer: Chrysler Corporation. Executive Order No. A 9-51 Pg. 2

Engine Family CD-225-1-EP Engine (CID) 225 Transm. A-3

Exhaust Emission Control System EGR, OC, AI EM +10% (A/C) Yes  No

Eng. Code	Distrib. Type Mfgr. Part No.	Fuel Syst. -1V Mfgr. Part No.	EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans-mission	Tune-up Spec. (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A S 4	Chrysler 4091101	Chrysler 4041840	Chrysler 4104008 4105008	4000	N, H	L	29	A-3	(1) 8 + 2° BTC W/Vacuum disconnected & plugged @ distributor.  (2) Propane gain: (See service manual). Alternate method: 0.3% (0 ≤ CO% ≤ 2) CO measured @ upstream catalyst tap @ 750 RPM in neutral W/AI disconnected and plugged.  (3) Normal idle speed 750 ± 100 RPM in neutral.
A B 5			4104013 4105013		N, H	L	41		
					N, H	L	45		
					G, F	H, M	22		
					G, F	H, M	41		
			No service		G, F	P	22		
				G, F	P	41			
				G, F	H	45			

Comments some models have special road load HP settings. See page one for abbreviations.

Date of Issue 8/12/77 Revisions: R. C. 75a (12/16/77) add "M" series vehicles per K.D.D. letter of 1/19/76.

R.C. 43 (10/17/77) add A-S-5 engine code with new EGR valve numbers