State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-63
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 1979 model-year gasoline-powered passenger cars are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
9CD-318/360-4-GP	318/360	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
9CD-318/360-4-GP	0.37	6.8	1.5

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

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 25 day of July, 1978.

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family 9CD-318/360-4-GP Engine (CID) 318/360

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Model	Make/Type
EH42	Dodge St. Regis
FH22	Chrysler Le Baron
FM22	Chrysler Le Baron
FP22	Chrysler Le Baron Medallion
FH41	Chrysler Le Baron
FM41	Chrysler Le Baron
FP41	Chrysler Le Baron
FH45	Chrysler Le Baron Town & Country
GH22	Dodge Diplomat
GM22	Dodge Diplomat
GP22	Dodge Diplomat Medallion
GH41	Dodge Diplomat
GM41	Dodge Diplomat
GP41	Dodge Diplomat Medallion
GH45	Dodge Diplomat
HL29	Plymouth Volare, Volare Custom, Volare Premier, Duster, Road Runner
HL41	Plymouth Volare, Volare Custom, Volare Premier
HL45	Plymouth Volare, Volare Premier
NL29	Dodge Aspen, Aspen Custom, Aspen Special Edition, R/T
NL41	Dodge Aspen, Aspen Custom, Aspen Special Edition
NL45	Dodge Aspen, Aspen Special Edition
SS22	Chrysler Cordoba
TH42	Chrysler Newport
TP42	Chrysler New Yorker, New Yorker Fifth Avenue Edition
XS22	Dodge Magnum XE

Evaporative Emission Control Families: 9E-5 and 9E-8.

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family 9CD-318/360-4-GP Engine (CID) 318 Engine Code —

Emission Control System AI-EGR-OC + 10% (A/C) Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Distributor (ESAC) Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A-S-5	FH22, 41 FM22, 41 FP22, 41	A-3	4000	4091140 (4111392)	4095934	4104029 4105029	1) 16+2° BTC w/vac. adv. disconnected
A-S-6	GH22, 41 GM22, 41 GP22, 41 HL29, 41, 45 NL29, 41, 45			4091140 (4111492)			2) Propane gain - Enriched Idle: 850 rpm. See service manual.
A-S-3	EH42 FH45 GH45		4500	4091140 (4111574)			Alternate meth. - $0.5^{+1.5}_{-0.5}$ % CO. See service manual.
A-S-4	SS22 XS22			4091140 (4111674)			3) Curb idle 750±100 rpm

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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Engine Family 9CD-318/360-4-GP Engine (CID) 360 Engine Code A-S-1

Emission Control System AI-EGR-OC + 10% (A/C) Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Distributor (ESAC) Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A-S-1	FH22, 41 FM22, 41 FP22, 41 GH22, 41 GM22, 41 GP22, 41	A-3	4000	4091140 (4111575)	4095937	4104089 4105089	1) 16+2° BTC w/vac. adv. disconnected 2) Propane gain - Enriched idle: 870 rpm. See service manual. Alternate meth.- 0.5±1.5 % CO. See service manual. 3) Curb idle: 750±100 rpm
	EH42 FH45 GH45 SS22 TH42 XS22 TP42		4500				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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Engine Family 9CD-318/360-4-GP Engine (CID) 318 Engine Code —

Emission Control System AI-EGR-OC + 10% (A/C) Yes X No ____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Distributor (ESAC) Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A-S-9	FH22, 41 FM22, 41 FP22, 41	A-3	4000	4091140 (4111392)	4095945	4104029 4105029	1) 16+2° BTC w/vac. adv. disconnected
A-S-10	GH22, 41 GM22, 41 GP22, 41 HL29, 41, 45 NL29, 41, 45			4091140 (4111492)			2) Propane gain - Enriched Idle: 925 rpm. See service manual.
A-S-7	EH42 FH45 GH45		4500	4091140 (4111574)			Alternate meth. - $0.5^{+1.5}_{-0.5}$ % CO. See service manual.
A-S-8	SS22 XS22			4091140 (4111674)			3) Curb idle 850±100 rpm

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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Engine Family 9CD-318/360-4-GP Engine (CID) 360 Engine Code -

Emission Control System AI-EGR-OC + 10% (A/C) Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Distributor (ESAC) Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A-S-2 or A-S-3**	FH22, 41 FM22, 41 FP22, 41 GH22, 41 GM22, 41 GP22, 41	A-3	4000	4091140 (4111575)	4095946 or 4095978 **	4104089 4105089	1) 16±2° BTC w/vac. adv. disconnected 2) Propane gain - Enriched idle: 975 rpm. See service manual. Alternate meth.- 0.5±0.5 % CO. See service manual. 3) Curb idle: 850±100 rpm
	EH42 FH45 GH45 SS22 TH42 XS22 TP42		4500				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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