State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-129
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1985 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
FCR2.2V2HDJ9	134	(2.2)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.23	4.4	0.5

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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".

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 30 day of May, 1984.

Norm Kaye for
K. D. Drachand, Chief
Mobile Source Division

Manufacturer Chrysler Corporation

Executive Order No. A-9-129

Engine Family FCR2.2V2HDJ9

Evaporative Family FCRVA

Engine CID (Liters) 134 (2.2)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
[illegible]Venturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continuous
TOI-Trap Oxidizer Intermittent
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:	CARLINE
ZE44;ZH44	Dodge Omni
ZH24;ZP24	Dodge Charger
DH21;DL21;DM21; DH41;DL41;DM41	Dodge Aries
DH45;DP45	Dodge Aries Wagon
ME44;MH44	Plymouth Horizon
MH24;MP24	Plymouth Turismo
PH21;PL21;PM21; PH41;PL41;PM41	Plymouth Reliant
PH45;PP45	Plymouth Reliant Wagon

DRIVE SYSTEM: Front (E-W) Engine/ Front -Wheel Drive

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Engine Family FCR2.2V2HDJ9

Engine Code M-1;M-3;M-4

ECS (Special Features) AIP,EGR,TWC,CL

CID (Liter)-Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1	ME44; ZE44;MH44;ZH44	M5	2625	5226455B	04288537	04287430 04300430	VECI 4288814 VAC. HOSE 4307545
M-3	MH44;ZH44		2625	5226449A	04288537	04287405 04300405	VECI 4288850 VAC. HOSE 4307545
	MH24;ZH24;MP24; ZP24;ME44;ZE44		2750				
M-4	PL21;DL21;PM21; DM21; PL41;DL41;	M4	2750	5226455B		04287403 04300403	VECI 4288814 VAC. HOSE 4307545
	PH45;DH45;PP45; DP45;PH21;DH21; PM41;DM41;DH41		2875				Vac. Hose 4307770* 4179645**
	PM21;DM21; MH24;ZH24	M5	2750				
	PH45;DH45;PP45; DP45;PH21;DH21; PM41;DM41;PH41; DH41		2875				

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 05/14/84

Revised - 08/24/84 (Running Change 38c , dated 08/17/84. Delete canister purge delay valve. Running change 38c is applicable to engine codes M-1; M-3; M-4.

Revised - 02/12/85 (Running Change 90c, dated 02/05/85. Revise test weights to reflect production.)

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**Revised - 05/14/85: Field Fix 38C, dated 04/22/85. (Add a thermal bowl vent valve into the carburetor bowl vent line to the vapor canister. Includes

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Engine Family FCR2.2V2HDJ9

Engine Code A-1;A-2

ECS (Special Features) AIP,EGR,TWC,CL

CID (Liter)-Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
A-1	ME44;ZE44;MH44; ZH44	A3	2625	5226451A 5226451B	04288538	04287433 04300433	VECI 4288814
	MH24;ZH24;MP24; ZP24		2750				VAC. HOSE 4307545 4307770*
A-2	**(DM21; PL21;DL21;PM21); PH21;DH21;PM41; DM41;PH41;DH41		2875				4179645***
	PH45;DH45;PP45; DP45		3000				

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 05/14/84

Revised - 06/13/84 (PL41 & DL41 models put into correct test weight class.)

*Revised - 08/24/84 (Running Change 38c , dated 08/17/84. Delete canister purge delay valve.)

**Revised - 02/12/85 (Running Change 90c, dated 02/05/85. Revise test weights to reflect production.)

071080 ***Revised - 05/14/85: Field Fix 38C, dated 04/22/85. (Add a thermal bowl vent valve into the carburetor bowl vent line to the vapor canister.)

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Engine Family FCR2.2V2HDJ9

Engine Code M-1;M-3;M-4

ECS (Special Features) AIP,EGR,TWC,CL

CID (Liter)-Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-6	ME44; ZE44;MH44;ZH44	M5	2625	5226455B	04288554	04287430 04300430	VECI 4288814 VAC. HOSE 4307545
M-3	MH44;ZH44		2625	5226449A	04288537	04287405 04300405	VECI 4288850 VAC. HOSE 4307545
	MH24;ZH24;MP24; ZP24;ME44;ZE44		2750				
M-7	PL21;DL21;PM21; DM21;	M4	2750	5226455B	04288554	04287403 04300403	VECI 4288814 VAC. HOSE 4307545
	PH45;DH45;PP45; DP45;(PH21;DH21; PL41;DL41;PM41; DM41;PH41;DH41)*		2875				
	PM21;DM21 (MH24;ZH24)*	M5	2750				VAC. HOSE 4307770 4179645**
	PH45;DH45;PP45; DP45;(PH21;DH21; PM41;DM41;PH41; DH41)*		2875				

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 09/14/84: (R.C. 47c dated 08/24/84. Revise carburetor idle flow curve and PCV valve flow.)

*Revised - 02/12/85: (R.C. 90c dated 02/05/85. Revise test weights to reflect production.)

**Revised - 05/14/85: Field Fix 38C, dated 04/22/85. (Add a thermal bowl vent valve in the carburetor bowl vent line to the vapor canister. Includes codes M-6 & M-3.)

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Engine Family FCR2.2V2HDJ9 Engine Code A-1;A-2

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
A-3	ME44;ZE44;MH44 ZH44	A3	2625	5226451A 5226451B	04288555	04287433 04300433	VECI 4288814
	MH24;ZH24;MP24; ZP24		2750				VAC. HOSE 4307545 4307770
A-4	(PL41;DL41)* PH21;DH21;PM41 DM41;PH41;DM41; (PL21;DL21;PM21; DM21)*		2875				4179645**
	PH45;DH45;PP45; DP45		3000				

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 09/14/84: (R.C. 47c dated 08/24/84. Revise carburetor idle flow curve and PCV valve flow.)

*Revised - 02/12/85: (R.C. 90c dated 02/05/85. Revise test weights to reflect production.)

**Revised - 05/14/85: Field Fix 38C, dated 04/22/85. (Add a thermal bowl vent valve in the carburetor bowl vent line to the vapor canister.)

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Engine Family FCR2.2V2HDJ9 Engine Code All

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 134(2.2)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
All	All	All	All	All	All	All	VAC. HOSE 4275039
M-1,M-4, M-6,M-7	Plymouth Horizon, Turismo,Dodge Omni,Charger Models			5227616* 5233524**			
M-5				5227626*			
A-1,A-2, A-3,A-4				5227614*			
M-1 M-4 M-6 ***				5233524 5234242			

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 08/19/85: Field Fix 42c dated 06/19/85. Add heated air delay valve to all models.

*Revised - 09/11/85: Field Fix 71C dated 09/05/86. ESA/EFC Service Parts Consolidation. All Other Listed Items Remain The Same.

**Revised - 06/22/87: Field Fix 76C dated 06/15/87. ESA/EFC Revision, Start Procedure Revision and Addition of Vacuum Delay Valve in ESA/EFC Vacuum Line.

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***Revised - 10/05/87: Field Fix 78C. Release for Service a New ESA/EFC to Reduce RFI.