State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-154
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 1987 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)
HCR2.2V5FBB3	135	(2.2)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Intercooler) (Turbocharger)

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

The following are the emission standards for this engine family:

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 this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.18	2.1	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 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 16th day of December, 1985.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-154

Engine Family HCR2.2V5FBB3 Evaporative Family HCRVA

Engine CID (Liters) 135(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
nV-nVenturi Carburetor
V-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
GCP24	Chrysler Laser
GVS24	Dodge Daytona

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

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E.O. #A-9-154

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

Manufacturer CHRYSLER CORPORATION

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Engine Code M-1

Engine Family HCR2.2V5FBB3

CID (Liter)-Type 135(2.2)-SOHC4

ECS (Special Features) EGR,TWC,CL,(TC),(IC),(EFI)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System POWER MODULE Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Label Ident. Part No
M-1	GCP24;GVS24	M5	3250	5226766	4288270	4287601	VECI 4300522 VAC. HOS 4405705
*M-2						NONE	VECI 4288897 VAC. HOS 4405744

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 - 11/25/85

*Revised - 07/25/86: R.C. 96C, dated 07/10/86. Delete EGR system.

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1987 CALIFORNIA 2.2L TURBO PASSENGER CAR

TEST WEIGHT AND HORSEPOWER

MODELS	TRANS.	TIRES	TIRE CODE	TEST WEIGHT (LBS.)	COASTDOWN H.P.
LZS24	M5	P205/50VR15 (SBR)	TPH	2875	6.5
LZE44	M5	P195/50HR14 (SBR)	TNW	2750	7.7
PPH24, PDH24	M5, Auto	P185/70R14 (SBR)	TJS	3000	7.5
PPH44, PDH44		P205/50VR15 (SBR)	TPH	3000	6.9
KCP41	Auto	P185/70R14 (SBR)	TJA,T	3125	8.9
KCP45	Auto	P185/70R14 (SBR)	TJA,T	3250	8.5
EEH41, EEM41	Auto	P185/70R14 (SBR)	TJT	3125	8.7
EJM41, EJH41					
ETP41	Auto	P185/75R14 (SBR)	TJU	3250	8.8
GVH24, GCH24	M5, Auto	P195/70R14 (SBR)	TKJ	3125	6.1
GVS24	Auto	P225/50VR15 (SBR)	TRL	3125	6.6
GCP24	M5, Auto	P205/60HR15 (SBR)	TPR	3250	6.6
HCP44, HDS44	M5, Auto	P205/60HR15 (SBR)	TPR	3125	7.0
HCH44, HDH44		P185/70R14 (SBR)	TJA	3125	7.6
		P195/70R14 (SBR)	TKJ	3125	7.1
JCH21, JDH21	M5, Auto	P195/70R14 (SBR)	TKR	3125A	5.9
JCP21, JDS21		P205/60HR15 (SBR	TPR	3250	6.3
JCP27, JDH27					

ISSUE DATE: 12/03/85
REVISED: