State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-188
Relating to Certification of New Motor Vehicles

CHRYSLER MOTORS 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 1989 model-year Chrysler Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems (Special Features)
KCR2.2V5FBB8	2.2	(135)	Three-Way Catalyst Heated Oxygen Sensor (On-Board Diagnostics) (Electronic Port Fuel Injection) (Turbocharger) (Intercooler)

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)
0.21	2.4	0.3

BE IT FURTHER RESOLVED: That the listed models are 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 vehicle manufacturer is certifing to the optional NOx standard by providing evidence that there are sufficient projected sales of vehicles certifying to the primary NOx emission standard, or is allowed a delay in implementation under small volume manufacturer provisions, or is allowed a delay in implementation under the "in lieu" standards, or is certifying passenger cars weighing more than 5250 lbs. loaded vehicle weight.

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 1988 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 the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Administrative Code, Section 1968) 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.) and with the 2 year/24,000 mile warranty provisions of Health and Safety Code Section 43204.

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 11th day of February, 1988.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-9-188

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER MOTORS CORPORATION

Engine Family KCR2.2V5FBB8

Evaporative Family KCRVA

Engine Type SOHC 4

Liters (CID) 2.2 (135)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
ECU-Electronic Control Unit
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, EPFI, MPFI, SFI,
DID, DIP, HOS, OS
nV-nVenturi Carburetor
VV-Variable Venturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection - Pump
AIV-Air Injection - Valve
EGR-Exhaust Gas Recirculation
EIC-Electronic Injection Control (Diesel Only)
EM-Engine Modification
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
DBC-Dual Bed Catalyst
OC-Oxidation Catalyst
TWC-Three-Way Catalyst
WUOC-Warm-Up Oxidation Catalyst
WUTWC-Warm-Up Three-Way Catalyst
OS-Oxygen Sensor
HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
EPFI-Electronic Port Fuel Injection
MPFI-Mechanical Port Fuel Injection
SFI-Sequential Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
TC-Turbocharger
SC-Supercharger
IC-Intercooler or Aftercooler
CCV-Combustion Chamber Valve
OBD-On-Board Diagnostics

VEHICLE MODELS:	CARLINE:
JCH21	Chrysler LeBaron
JCH27	Chrysler LeBaron Convertible
HCX44	Chrysler LeBaron GTS
GVL24,GVX24	Dodge Daytona
HDX44	Dodge Lancer

Engine: Front X Mid. ____ Rear ____

Drive: FWD X RWD ____ 4WD Full Time ____ 4WD Part Time ____

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Passenger Cars x Light-Duty Trucks ____ Medium-Duty Vehicles ____ Gas x Diesel ____

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR2.2V5FBB8

Liter (CID) 2.2 (135) Eng. Type SOHC 4

Emission Control Sys. (Special Features) TWC,HOS,(OBD),(TC),(EPFI),(IC)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Catalyst Part No.
M-1	GVL24	M5	3125	5234130	4307619	N.A.	4427034
	HCX44		3250				4427035
	JCH21,JCH27, GVX24,HDX44		3375				4427036
M-2*				5234555			

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.

Date of Issue _____ Revisions:*04-19-88: R.C. #17C. Revise ECU Calibration.

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1989 CALIFORNIA 2.2L TURBO II PASSENGER CAR
TEST WEIGHT AND HORSEPOWER

E.O. # A-9-188

MODELS	TRANS	TIRES	TIRE CODE	TEST WEIGHT (LBS.)	COASTDOWN H.P.
GVL24	M5	P225/50R15	TRL TAD GDY	3125	7.3
GVX24	M5	P205/55R16	TVK TAD GDY	3375	6.6
HCX44	M5	P205/60R15	TPX TAD GDY	3250	6.6
		P205/60R15	TPX TAD MIC	3250	7.2
HDX44	M5	P205/60R15	TPE TAD GDY	3375	7.0
JCRH27	M5	P195/70R14	TKS TAD GDY	3375	8.4
		P195/70R14	TKS TAD MIC	3375	7.4
		P195/70R14	TKT TAD GDY	3375	8.4
		P195/70R14	TKT TAD MIC	3375	7.4
		P205/60R15	TPX TAD GDY	3375	7.7
		P205/60R15	TPX TAD MIC	3375	7.7
		P205/55R16	TVK TAD GDY	3375	8.8

ISSUE DATE: 10-20-87
REVISED: