State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-162-1
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 light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HCR3.9T2HFR8	239	(3.9)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst Oxygen Sensor

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

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.32	3.1	0.9
4000-5999	0.35	6.7	0.9

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class 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.

This Executive Order supersedes Executive Order A-9-162, dated October 2, 1985.

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

Executed at El Monte, California this 3rd day of April, 1987.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Corporation

Executive Order No. A-9-162

Engine Family HCR3.9T2HFR8

Evaporative Family HCRTI

Engine CID (Liters) 239 (3.9)

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
-nVenturi Carburetor
-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
N1L61;N1L62 (N5L61;N5L62)*	Dodge Dakota

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

120783 Revised: 07/07/86. Running Change 27T. Addition of models.

E.O. #A-9-162

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler Corporation Page 2

Engine Family HCR3.9T2HFR8 Engine Code M-1;M-2;A-1

ECS (Special Features) AIP,TWC,EGR,CL CID (Liter)-Type 239(3.9)-V/6

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 +M-3	N1L61	M5	3500	04379192	04324640 04324654$	04287454	VECI 4288907
	N1L62		3625				
M-2 +M-4	N1L61		3500	04379198			VAC. HOSE 4306885
	N1L62		3625				4306892*
A-1 +A-3	N1L61	A3	3500	04379190	04324641	04287452	
	N1L62		3625				
**A-2 +A-4				4379175			
++M-7	N1L61	M5	3500	4379241	4324694 04324653$		
	N1L62		3625				
++M-8	N1L61		3500	4379173			
	N1L62		3625				

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 - 09/10/85

*Revised - 12/02/85: R.C. 14T dated 11/20/85. New location for power brake vacuum source.

**Revised - 03/13/86: R.C. 22T dated 03/03/86. Revise ESA/EFC calibration and add 3.90:1 axle ratio for automatic transmission models.

+Revised - 03/21/86: R.C. 31T dated 03/12/86. Add an air diverter valve and delete the vacuum actuated electrical switch.

71080 ++Revised - 04/21/86: R.C. #16T dated 04/11/86. Revise carburetor and ESA unit.

$Revised - 07/24/86: R.C. #65T dated 07/21/86. Release optional carburetor.

E.O. #A-9-162

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

__ Passenger Cars XX Light-Duty Trucks __ Medium-Duty Vehicles XX Gas __ Diesel

Manufacturer CHRYSLER CORPORATION Page 3

Engine Family HCR3.9T2HFR8 Engine Code M-1,M-2,A-1

ECS (Special Features) AIP,TWC,EGR,CL CID (Liter)-Type 239(3.9)-V/6

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	N5L61;N5L62	M5	4000	4379192	4324640 04324654**	4287454	VECI 4288907
M-2				4379198			VAC. HOSE 4306885
A-1		A3		4379190	4324641	4287452	4306892
*A-5	N1L61	A3	3500	4379190	4324652	4287452	
	N1L62		3625				
	N5L61;N5L62		4000				
*A-6 *A-8				4379175			
*A-7				4379190	4324651		

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 - 07/07/86: R.C. 27T dated 6-19-86. Addition of models.
*Revised - 07/08/86: R.C. 62T dated 07/02/86. Replace vacuum throttle kicker with solenoid throttle kicker.
**Revised - 07/24/86: R.C. 65T dated 07/21/86. Release optional carburetor.