State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-163
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 medium-duty vehicles:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HCR5.2T2HBN3	318	(5.2)	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 emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
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
4000-5999	0.40	8.2	0.9

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 7th day of February, 1986.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER CORPORATION

Executive Order No. A-9-163

Engine Family HCR5.2T2HBN3

Evaporative Family HCRTX & HCRTY

Engine CID (Liters) 318 (5.2)

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
B1E51 2;B1L51 2; B1L52 2;B2L52 2; B2L53 6	Dodge B150/B250 Wagon
B3L52 2	Dodge B350 Wagon
B1L11 1;B1L12 1; B2L11 1;B2L12 1; B2L13 5	Dodge B150/B250 Van
B3L12 1;B3L13 5	Dodge B350 Van
D1L61 4;D1L62 4	Dodge D100/D150 Pickup
D2L62 4	Dodge D250 Pickup
D5L61 4;D5L62 4	Dodge W100/W150 Pickup
D4L71 1;D8L71 1	Dodge Ramcharger

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive

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E.O. #A -9-163

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION Page - 2

Engine Family HCR5.2T2HBN3 Engine Code CALIF.

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 318(5.2)-V8

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	D1E62* D1L61;D1L62: B1L11;B2L11	M4	4250	4379107	04324633	4287673	VECI 4288948*
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854
	B1E51;B1L51; B1L52;B2L52		4750				B-MODELS 4306839
	D1E61*		4250**				

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 - 01-17-86
Revised - 02-19-86 Correction of errata.
*Revised - 11-24-86 Running Change 82T dated 11-18-86. Addition of models.
*Revised-03-28-87 Running Change 98T dated 02-04-87. Production vehicle test weight update.

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E.O. #A -9-163

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION Page - 3

Engine Family HCR5.2T2HBN3 Engine Code CALIF.

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 318(5.2)-V8

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	D1E62* D1L61;D1L62; B1L11;B2L11	A3	4250	4379096	04324633	4287673	VECI 4288948*
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854
A-2	B1L12;B2L12; B2L13		4500			4287651	B-MODELS 4306839
	D5L61;D5L62; B1E51;B1L51; B1L52;D5E62* D5E61**		4750				
	B2L52		5000				
A-3	B3L12		4500			4287684	
	B3L13;D2L62		4750				
	B2L53;B3L52		5250				
A-4	D4L71		4500	4379098		4287651	
	D8L71		5000				
A-1	D1E61*		4250**	4379096		4287673	

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.

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION

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Engine Family HCR5.2T2HBN3

Engine Code CALIF.

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

CID (Liter)-Type 318(5.2)-V8

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-5	D1L61;D1L62; B1L11;B2L11; D1E62*	A3	4250	4379098	4324655	4287673	VECI 4288948
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854
A-7	B3L12		4500			4287684	B-MODELS 4306839
	B3L13;D2L62		4750				
	B2L53;B3L52		5250				
A-6	D4L71		4500			4287651	
	D8L71		5000				
*A-5	D1E61		4250**			4287673	

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 - 10/02.86: R.C. 63TC dated 09/19/86. Revise ESA/EFC calibration and carburetor.
*Revised - 11/24/86: R.C. 82T dated 11/18/86. Addition of models.
**Revised -03/28/87: R.C. 98T dated 02/04/87. Production vehicle test weight update.

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