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State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-176  
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 1988 model-year Chrysler Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
JCR5.2V2HCK5	5.2 (318)	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:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.20	1.2	0.6

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 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 listed vehicle models have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s] ..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model

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 20th day of March, 1987.

  
K. D. Drachand, Chief  
Mobile Source Division

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2V2HCK5  
 Evaporative Family JCRVE Engine Type V/8  
 Liters (CID) 5.2 (318)

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, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor

Exhaust Emissions Control System

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

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection or Throttle Body Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 IC-Intercooler or Aftercooler  
 MFI-Mechanical Fuel Injection  
 OBD-On-Board Diagnostics  
 TC-Turbocharger

VEHICLE MODELS:

MFH41, MFS41  
 MGL41, MGP41  
 MBL41

CARLINE:

Chrysler Newport/Fifth Avenue  
 Dodge Diplomat  
 Plymouth Gran Fury

Engine: Front X Mid.        Rear         
 Drive: FWD        RWD X 4WD Full Time        4WD Part Time

19\_88 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # A-9-176

Passenger Cars  Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas  Diesel \_\_\_\_\_

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Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2V2HCK5

Liter (CID) 5.2 (31b) Eng. Type V/8

Emission Control Sys. (Special Features) AIP,EGR,TWC, OS

Engine Code	Vehicle Models (If Coded see attachment) FOR (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Cataly: Part No.
A-1	MBL41,MGL41, MFH41,MFS41, MGP41	A3	4000	4289913	4324647	4287659	4150744 4150524

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 03-09-87

Revisions:

1988

CHRYSLER CORPORATION

VEHICLE DESCRIPTION

CALIFORNIA

ENGINE FAMILY JCR5.2V2HCX5 DISPLACEMENT 5.2L EXHAUST CONTROL SYSTEM AP OX 3CL EGR

EVAPORATIVE CONTROL SYSTEM CANISTER CATALYST CODE HCK

PROJECTED SALES  
EVAP FAMILY  
EVAP CODE  
JCRVE  
A

ENGINE CODE	TRANS TYPE CODE	AXLE		TIRES		TIRE SALES CODE		(TYPE)	N/V		ROAD LOAD HP		CURB WEIGHT		TEST WT	INERT.	VEHICLE MODEL		
		STD	MAX	STD	MIN	MAX	MIN		MAX	MIN	MAX	HP	HP	AXLE					TOTAL
A-1	A3(1)	2.26	2.26	P205/75R15	P205/75R15	TPGTADGDY	TPGTADGDY	SBR	29.0	29.0	9.4	10.3	1588	3719	4000	4000	MBL41	\$	90
	NL	2.26	2.26	P205/75R15	P205/75R15	TPGTADGDY	TPGTADGDY	SBR	29.0	29.0	9.4	10.3	1600	3744	4000	4000	MGL41	\$	47
A-1	A3(3)	2.26	2.26	P205/75R15	P205/75R15	TPGTADGDY	TPGTADGDY	SBR	29.0	29.0	9.4	10.3	1592	3747	4000	4000	MFH41	\$	5
	NL	\$2.24	2.26	P205/75R15	P205/75R15	TPGTADGDY	TPGTADGDY	SBR	\$28.7	29.0	9.4	10.3	1604	3758	4000	4000	MGP41	\$	180
													1635	3815	4000	4000	MFS41	\$	5082

ATTACHMENT TO PAGE 2  
SD EO A-9-176

10-F 2300

ISSUE DATE: 10/ 2/86  
REV \$ 2/26/87