

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-9-7
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 1968 model-year Chrysler Motors Corporation federally-certified emission control systems are certified for sale in California as described below for gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
JCR3.9T5HFMS	3.9 (239)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst Heated Oxygen Sensor (Electronic Fuel Injection)

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>Loaded Vehicle Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3750	0.8	10.0	1.2
3751-5750	0.8	10.0	1.7

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

<u>Loaded Vehicle Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3750	0.6	4.9	0.6
3751-3750	0.6	4.0	0.6

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 "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 Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1988 model-year vehicles using the "Guidelines for Certification of 1983 and Subsequent Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Administrative Code, Section 1960.5).

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 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 17 day of June, 1987.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family 108.0TE4128
 Evaporative Family JCR1D Engine Type V6
 Liters (CID) 3.9 (239)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
ECU-Electronic Control Unit	AIV-Air Injection-Valve	CFI-Central Fuel Injection or Throttle Body Injection
EI-Electronic Ignition	DBC-Dual Bed Catalyst	DID-Diesel Injection-Direct
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection-Prechamber
VA-Vacuum Advance	EIC-Electronic Injection Control	EFI-Electronic Fuel Injection
VR-Vacuum Retard	EM-Engine Modification	IC-Intercooler or Aftercooler
	OC-Oxidation Catalyst	MFI-Mechanical Fuel Injection
	OS-Oxygen Sensor	OBD-On-Board Diagnostics
	HOS-Heated Oxygen Sensor	TC-Turbocharger
	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 Catalyt	

Fuel System

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

VEHICLE MODELS:

NE61, NE62, CARLINE
W161, W162 DODGE DAKOTA PICKUP
D161, D162 DODGE DAKOTA CAB-CHASSIS

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

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # P-9-

Passenger Cars _____ Light-Duty Trucks X Medium-Duty Vehicles _____ Gas X Diesel _____ Page 2

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR3.9T5HEM2

Liter (CID) 3.9 (239) Eng. Type V16

Emission Control Sys. (Special Features) 479 520, 7, 2, 4, 25, 35

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catal. Part No.
<u>M1</u>	<u>M161</u> <u>M162</u> <u>M163</u>	<u>M5</u>	<u>3625</u> <u>3750</u> <u>4000</u>	<u>4379352</u>	<u>4-2508</u>	<u>4237156</u>	
<u>A-1</u>	<u>M161</u> <u>M161, M162</u>	<u>A3,</u> <u>A40D</u>	<u>3625</u> <u>3750</u>	<u>4379352</u>		<u>4237156</u>	

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:

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR3.9T5HFM8

Displacement (CID) 3.9 (239) Eng. Type V/6

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

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
M-2*	N1L61	M5	3625	4379316	4418504	4287155	4218410 4218411
	N1L62		3750	4379330			
	N5L61, N5L62		4000				
A-2*	N1L61	A3, A40D	3625	4379312		4287156	
	N1L61, N1L62		3750	4379326			
A-3**		A40D		4379506			
A-4***		A40D		4379576			
				4379658			
A-5***		A3 A40D		4379612			
				4379634			

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: *03-11-88: R.C. 6TF. Revise WOT Fuel Delivery Calibration.

**03-11-88: R.C. 12TF. ECU Spark Advance Calibration Revision. Less Spark

***03-11-88: Revise Cold Spark Schedule Calibration (R.C. 38TF in the ECU A-5 Code). Revise OBD Codes in the ECU (A-4 Code).

Passenger Cars _____ Light-Duty Trucks Medium-Duty Vehicles _____ Gas Diesel _____

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR3.9T5HEM8

liter (CID) 3.9 (239) Eng. Type V/6

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

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalysr Part No.
M-2	N1L61,N1S61** N1L62 N5L61,N5L62,N5S61** N1C61*,N1C62*	M5	3625	4379316	4418504	4287155	4218410 4218411
			3750	4379330			
			4000				
			4500				
A-2	N1L61 N1L61,N1L62 N1C61*,N1C62*	A3 A40D	3625	4379312		4287156	
			3750	4379326			
			4500				
A-3	N1L61 N1L61,N1L62 N1C61*,N1C62*	A40D		4379506			
A-4				4379576			
				4379658			
A-5	N1S61** N5S61**	A3 A40D		4379612			
				4379634			
	N1S61**	A3	3625				
	N5S61**		4000				
	N1S61**	A40D	3750				
	N5S61**		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.

Date of Issue _____ Revisions: *03-11-88: R.C. 34TF. Addition of Models.
*03-11-88: R.C. 47TF. Addition of Models.

Passenger Cars _____ Light-Duty Trucks xx Medium-Duty Vehicles _____ Gas xx Diesel _____

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR3.9T5HFM8

Liter (CID) 3.9 (239) Eng. Type V/6

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

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
A-6	N1L61	A40D	3625	4379585	4418504	4287156	4218410 4218411
	N1L61,N1L62,N1S61		3750				
	N5S61		4250				
A-7	N1L61,N1S61	A3	3625	4379581			
	N1L61,N1L62		3750				
	N5S61		4000				
A-8 *	N1C61,N1C62	A40D	4500	4379933			
A-9 *		A3		4379935			

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: 03/12/88: RC 59TF. Use common ECU calibration for A-6 & A-7 engine codes except for transmission control logic. Add an orifice in the purge line.

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* 03/12/88: RC 69TF. Same description as above, involves only the cab-chassis models.