

(Page 1 of 2)

State of California
AIR RESOURCES BOARDEXECUTIVE ORDER A-9-174
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 light-duty trucks and medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
JCR5.2T5HDG6	5.2 (318)	Air Injection - Pump Three-Way Catalyst Heated Oxygen Sensor Exhaust Gas Recirculation (Electronic Fuel Injection) (On Board-Diagnostics)

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>
3751-5750	0.50	9.0	1.0

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>
3751-5750	0.35	8.2	0.9

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 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 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 21st day of May, 1987.


K. D. Drachand, Chief
Mobile Source Division

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # A-9-174

Page 1

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6
 Evaporative Family JCRTE Engine Type OHV 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 Catalyt

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:

D100, D150, D250,
 W100, W150, W250

B150, B250, B350,
1510

AD150, AW150

CARLINE:

DODGE PICKUP

DODGE VAN/WAGON

DODGE RAMCHARGER

Engine: Front xx Mid. _____ Rear _____

Drive: FWD _____ RWD xx 4WD Full Time _____ 4WD Part Time xx*

* W Models only

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6

Year (CID) 5.2 (318) Eng. Type OHV V/8

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

Engine Code	Vehicle Models (If Coded see attachment) see attach.. for (Dyno hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Throttle Body Part No.	EGR Valve Part No.	Cataly Part No.
A-1	D100, D150, B150, B250	A3	4250	4379372 4379546** 4379891***	4307852	4287157	4218322 4218333 4218422 4218423 4218460
	B150, B250, D100, D150, AD150		4500				
	D250, W100, W150, B150, B250, B350		4750				
	W150, W250, B250, B150, B350, AW150		5000				
	B250, B350		5250				
	B350*		5500				
A-2*				4379482* 4379546** 4379891***			

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 5-21-87

Revisions: 06-03-87: R.C.'s 19T & 25T, Revise Cold Start Fuel Schedule & Addition of Models.
 **06-29-87: R.C. 35T, Revise ECU for OBD.
 ***08-07-89: FF36T. RELEASE '89 ECU FOR SERVICE.

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6

Liter (CID) 5.2 (318) Eng. Type OHV V/8

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

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equip. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
A-3	B1L12;B2L12	A-40D	4500	4379516 4379606*	4307852	4287157	4218322 4218333 4218422 4218423 4218460
	B1E51;B1L51; B2L13;B3L13**		4750	4379893***			
	B1L52;B2L52		5000				
	B2L53		5250				
	D1L61		4250				
	D1L62		4500				
	B1L11**;B2L11**		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 08-03-87
 R.C. 24T; Revise ECU calibration for D1 & B1 models with A40D transmission.

Revisions: *08-07-87: R.C. 42T; Release optional ECU.
 **04-07-88: R.C. 92T; Production vehicle test weight update.
 ***08-07-89: F.F.36T; RELEASE '89 ECU FOR SERVICE.

Passenger Cars _____ Light-Duty Trucks X Medium-Duty Vehicles X Gas X Diesel _____
 Page 5

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6

liter (CID) 5.2 (318) Eng. Type OHV V/8

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

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-4	D100, D150 B150, B250	A3	4250	4379911 4379891*	4307852	4287154	4218322
							4218333
							4218422
	B150, B250, D100, D150, AD150		4500				4218423
							4218460
	D250, W100 W150, B150, B250, B350		4750				
	W150, W250, B250, B150, B350, AW150		5000				
	B250, B350		5250				
	B350		5500				

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 10-19-87 Revisions: *08-07-89: FF36T; RELEASE '89 ECU FOR SERVICE.
R.C. #66T, Revise ECU Calibration & EGR Calibration.

19_88 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # A-9-174

Page 6

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6

liter (CID) 5.2 (318) Eng. Type OHV V/8

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

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-5	B1L11;B1L12; B2L11;B2L12	A-40D	4500	4379931 4379893**	4307852	4287154	4218322
							4218333
	B1E51;B1L51; B2L13;D2L62*, B3L12*		4750				4218422
	B1L52;B2L52, B3L13*		5000				4218423
	B2L53,B3L52*		5250				4218460
D1L61		4250					
D1L62,D1E61*, D1E62*		4500					

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 10-19-87
 R.C. #66T, Revise ECU
 Calibration & EGR
 Calibration.

Revisions:*03-04-88: R.C. 86TC. Production Vehicle Test Weight Update.
 **08-07-89: F.F.36T. RELEASE '89 ECU FOR SERVICE.

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family JCR5.2T5HGD6

Liter (CID) 5.2 (318) Eng. Type OHV V/8

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

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-2	B1L11,B1L12, B2L11,B2L12	A-40D	4500	4379482 4379546	4307852	4287157	4218322 4218333
	B1E51,B1L51, B2L13		4750	4379732 4379891*			4218422 4218423 4218460
	B1L52,B2L52		5000				
	B2L53		5250				
	D1L62,D1E61, D1E62,D1L61		4500				

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 03-04-88 Revisions: *08-07-89: FF36T; RELEASE '89 ECU FOR SERVICE.

R.C. 86TC. Production Vehicle
Test Weight Update.