

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-119  
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 1984 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
ECR2.2V5FAA8	135 (2.2)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharger)

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

<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 the above engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.25	2.3	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 1960.15 of Title 13, California Administrative Code which includes repair or replacement of 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 Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and 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 8th day of June, 1983.



K. D. Drachand, Chief  
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER Executive Order No. A-9-119  
 Engine Family ECR2.2V5FAA8 Evaporative Family EGRVD  
 Engine CID (Liters) 135 (2.2)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

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  
 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  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

VEHICLE MODELS:

CARLINE

TH41  
 TP41  
 CP22 ✓  
 CP41  
 CP27  
 CH24  
 CP24

Chrysler E Class ✓  
 Chrysler New Yorker ✓  
 Chrysler LeBaron  
 Chrysler LeBaron  
 Chrysler LeBaron Convertible  
 Chrysler Laser ✓  
 Chrysler Laser ✓

EH41  
 ES41  
 VP22 ✓  
 VP27  
 VH24  
 VS24

Dodge 600 ✓  
 Dodge 600 ✓  
 Dodge 600  
 Dodge 600 Convertible  
 Dodge Daytona ✓  
 Dodge Daytona ✓

DRIVE SYSTEM: Front (E/W) Engine/ Front -Wheel Drive

E.O. No. A-9-119

1984 CALIFORNIA 2.2L TURBO PASSENGER CAR  
TEST WEIGHT AND HORSEPOWER

<u>BODY</u>	<u>MODELS</u> <u>(W/AC OR W/O AC)</u>	<u>TRANS.</u>	<u>TIRES</u>	<u>TEST</u> <u>WEIGHT</u> <u>(LBS.)</u>	<u>COASTDOWN</u> <u>H.P.</u>
K	VP22, CP22	Auto	P185/70R14(SBR)	3000	7.7
K	VP27, CP27	Auto	P185/70R14(SBR)	3000	7.7
K	CP41	Auto	P185/70R14(SBR)	3000	7.7
E	EH41	Auto	P185/70R14(SBR)	3125	8.0
E	TH41	Auto	P185/70R14(SBR)	3000	8.0
E	TP41	Auto	P185/75R14(SBR)	3125	8.0
	ES41	Auto	P185/70R14(SBR) EAGLE GT	3125	8.4
		M5	P185/70R14(SBR) EAGLE GT	3000	8.4
G	VH24, CH24 CP24, VS24	M5 Auto	P185/70R14(SBR)	3000	5.6
			P185/70R14(SBR) EAGLE GT	3000	5.7
			P195/60R15(SBR) EAGLE GT		

E.O. #A-9-119

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler

Page 3

Engine Family ECR2.2V5FAA8

Engine Code A-2; M-1

ECS (Special Features) EGR, (EFI), TWC, CL, (TC)

CID (Liter)-Type 135(2.2)-SOHC In Line 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System <i>EA/EFI</i> Logic Module Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
A-2	VP22;CP22	A3	2875	05213921	04268801	04287755	VECI 4288395
	VH24;CH24; CP24;VS24; VP27;CP27; CP41;EH41; TH41;ES41		3000				VAC. HOSE 4300349
	TP41		3125				
M-1	VH24;CH24; CP24;VS24; VH24;ES41	M5	3000	05213898			

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 - 08/18/83: (R.C. 32 dated 08/12/83. Common EGR valve for all automatic transaxles and manual transaxle G-bodies.)

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-9-119

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

Manufacturer Chrysler

Page 4

Engine Family ECR2.2V5FAA8

Engine Code A-3;A-4

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

CID (Liter)-  
Type 135(2.2)-SOHC In Line 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve Part No.	Label Ident. Part No.
				ESA/EFC Part No.	EFI Part No.		
A-1	VP22;CP22	A3	2875	05213921	04268801	04287754	VECI 4288395
A-3*	VH24;CH24; CP24;VS24; VP27;CP27; CP41;EH41; TH41;ES41		3000				Vac. Hose 4300349
	TP41		3125				
A-2						04287755	
A-4*							

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 - 09/20/83 (R.C. 53, dated 09/14/83. Revise Power Module.)

E.O. #A -9-119

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler Page 5

Engine Family ECR2.2V5FAA8 Engine Code M-3;M-4

ECS (Special Features) EGR,EFI,TWC,CL CID (Liter)-Type 135(2.2)-SOHC In Line 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System ESA/EFC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1 M-3*	ES41	M-5	3000	05213898	04268801	04287755	VECI 4288395
M-2 M-4*	VH24;CH24; CP24;VS24; VH24					04287754	Vac. Hose 4300349

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 - 09/20/83 (R.C. 53, dated 09/14/83. Revise Power Module.)

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-9-119

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

Manufacturer Chrysler

Page 6

Engine Family ECR2.2V5FAA8

Engine Code A-3;A-4

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

CID (Liter)-  
Type 135 (2.2)-SOHC In Line 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
*A-7	VP22;CP22	A3	2875	5226203	04268801 **04275618	04287754	VECI 4288395
*A-5	VH24;CH24; CP24;VS24; VP27;CP27; CP41;EH41; TH41;ES41		3000				VAC. HOSE 4300349
	TP41		3125				
*A-8						04287755	
*A-6							

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 - \*10/06/83 (R.C. 58 dated 09/30/83. Revise Logic Module.)

Revised -\*\*12/05/83 (R.C. #111 dated 11/23/83. Alternate Throttle Body.)



E.O. #A-9-119

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler

Page 7

Engine Family ECR2.2V5FAA8

Engine Code M-3;M-4

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

CID (Liter)-Type 135(2.2)-SOHC In Line 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System	Fuel System	EGR Valve Part No.	Label Ident. Part No.
				ESA/EFC Part No.	EFI Part No.		
*M-7 *M-5	ES41	M-5	3000	5226201	04268801 **04275618	04287755	VECI 4288395
*M-8 *M-6	VH24;CH24; CP24;VS24; VH24					04287754	VAC. HOSE 4300349

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 - \*10/06/83 (R.C. 58 dated 09/30/83. Revise Logic Module.)

Revised -\*\*12/05/83 (R.C. #111 dated 11/23/83. Alternate Throttle Body.)