

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-193  
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 1990 model-year Chrysler Motors Corporation emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LCR2.5V5FBE8      Displacement: 2.5 Liters (152 Inches<sup>3</sup>)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation	Throttle Body Electronic Fuel Injection
Heated Oxygen Sensor	On-Board Diagnostic System
Three-Way Catalyst	

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</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.7

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

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.20	4.5	0.3

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations 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 vehicle manufacturer is certifying to the optional NOx standard based on actual sales of 1989 model-year California-certified (passenger cars/light-duty trucks/and medium-duty vehicles).

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 Code of Regulations, 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, 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 Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed (in Attachment B) 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 Code of Regulations, 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 provisions (California Health and Safety Code Section 43205).

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 6th day of April, 1989.



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer CHRYSLER MOTORS CORPORATION Eng. Family LCR2.5V5FBES

Pass Cars  Lt-Duty Trucks \_\_\_ Med-Duty Vehicles \_\_\_ Gas  Diesel \_\_\_

Eng. Type SOHC I-4 Liter (CID) 2.5 (152) Evap. Family LCRVB

Emission Control Sys. (Use SAE Abbrv.) EGRV,TWC,HO2S,(TBI),(OBD)

Engine: Front  Mid. \_\_\_ Rear \_\_\_ Drive: FWD  RWD \_\_\_ 4WD-FT \_\_\_ 4WD-PT \_\_\_

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. ECU	EGR Syst. Part No. VALVE	Catalyst Part No.
M-3	PPL24,PDL24, PPH24,PDH24, PPL44,PDL44 PPH44,PDH44, GVL24,PDH27* JCH21,GVH24 JCH27  (APH41,ADH41, APP41,ADP41)**	M5	3000  3125 3250 3375  3250	S E E  A T T A C H E D	5234681	4287178	4427165

Date of Issue: \_\_\_\_\_

Revisions \*06-25-89. RC 4C. Addition of model.  
\*\*08-11-89. Correction of errata. Models omitted in original issue of this page.

ATTACHMENT TO PG. 1 SDS  
FOR  
E.O. A-9-193

VEHICLE MODELS:

JCH21  
JCH27

ADH41,ADP41  
GVH24,GVL24  
PDH24,PDH44,  
PDL24,PDL44

APH41,APP41  
PPH24,PPH44,  
PPL24,PPL44

\*PDH27

CARLINE:

CHRYSLER LEBARON  
CHRYSLER LEBARON CONVERTIBLE

DODGE SPIRIT  
DODGE DAYTONA  
DODGE SHADOW

PLYMOUTH ACCLAIM  
PLYMOUTH SUNDANCE

DODGE SHADOW CONVERTIBLE

Revised:\*06-25-89. RC 4C. Addition of model.

CHRYSLER MOTORS CORPORATION

A

EXEC. ORDER A-9-193

1990 CALIFORNIA 2.5L TBI PASSENGER CAR  
TEST WEIGHT AND HORSEPOWER

E.F. KCR2.5V5FBES

MODELS	TRANS	TIRES	TIRE CODE	TEST WEIGHT (LBS.)	COASTDOWN H. P.	
ADH41	M5	P195/70R14	TJ1 TAD GDY	3250	7.8	
		P195/70R14	TJ1 TAD MIC	3250	7.8	
		P195/70R14	TKS TAD GDY	3250	8.2	
		P195/70R14	TKS TAD MIC	3250	7.6	
		P205/60R15	TPX TAD GDY	3250	6.7	
		P205/60R15	TPX TAD MIC	3250	6.7	
	A3, A4	P195/70R14	TJ1 TAD GDY	3250	8.2	
		P195/70R14	TJ1 TAD MIC	3250	8.2	
		P195/70R14	TKS TAD GDY	3250	8.1	
		P195/70R14	TKS TAD MIC	3250	7.5	
		P205/60R15	TPX TAD GDY	3250	6.6	
		P205/60R15	TPX TAD MIC	3250	6.6	
	ADP41	M5	P195/70R14	TKS TAD GDY	3250	8.2
			P195/70R14	TKS TAD MIC	3250	7.6
P205/60R15			TPX TAD GDY	3250	6.7	
P205/60R15			TPX TAD MIC	3250	6.7	
A3		P195/70R14	TKS TAD GDY	3250	8.1	
		P195/70R14	TKS TAD MIC	3250	7.5	
		P205/60R15	TPX TAD GDY	3250	6.6	
		P205/60R15	TPX TAD MIC	3250	6.6	
A4		P195/70R14	TKS TAD GDY	3375	8.1	
		P195/70R14	TKS TAD MIC	3375	7.5	
		P205/60R15	TPX TAD GDY	3375	6.6	
		P205/60R15	TPX TAD MIC	3375	6.6	
APP41		M5	P195/70R14	TKS TAD GDY	3250	8.2
			P195/70R14	TKS TAD MIC	3250	7.6
	A3	P195/70R14	TKS TAD GDY	3250	8.1	
		P195/70R14	TKS TAD MIC	3250	7.5	
	A4	P195/70R14	TKS TAD GDY	3375	8.1	
		P195/70R14	TKS TAD MIC	3375	7.5	

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REVISED:

17.03.-05

CHRYSLER MOTORS CORPORATION

B

EXEC. ORDER A-9-193

1990 CALIFORNIA 2.5L TBI PASSENGER CAR

TEST WEIGHT AND HORSEPOWER

E.F. KCR2.5V5FBEB

MODELS	TRANS	TIRES	TIRE CODE	TEST WEIGHT (LBS.)	COASTDOWN H.P.	
ACP41	A3, A4	P195/70R14	TKT TAD GDY	3375	8.1	
		P195/70R14	TKT TAD MIC	3375	7.5	
APH41	M5	P185/70R14	TJ1 TAD GDY	3250	7.8	
		P185/70R14	TJ1 TAD MIC	3250	7.8	
	A3, A4	P185/70R14	TJ1 TAD GDY	3250	8.2	
		P185/70R14	TJ1 TAD MIC	3250	8.2	
CDH41	A3, A4	P195/75R14	TKL TAD GDY	3500	8.5	
GVL24	M5	P185/70R14	TJ1 TAD GDY	3125	7.0	
		P185/70R14	TJ1 TAD MIC	3125	7.0	
	A3, A4	P185/70R14	TJ1 TAD GDY	3250	6.9	
		P185/70R14	TJ1 TAD MIC	3250	6.9	
GVH24	M5, A3, A4	P205/60R15	TPX TAD GDY	3250	6.2	
		P205/60R15	TPX TAD MIC	3250	6.2	
JCH21	M5	P195/70R14	TKS TAD GDY	3250	7.3	
		P195/70R14	TKS TAD MIC	3250	6.8	
		P205/60R15	TPJ TAD GDY	3250	6.6	
		P205/60R15	TPJ TAD MIC	3250	6.8	
		P205/60R15	TPK TAD GDY	3250	6.6	
		P205/60R15	TPK TAD MIC	3250	6.8	
		P205/60R15	TPX TAD GDY	3250	6.4	
		P205/60R15	TPX TAD MIC	3250	6.4	
		A3, A4	P195/70R14	TKS TAD GDY	3250	7.3
			P195/70R14	TKS TAD MIC	3250	6.8
			P205/60R15	TPJ TAD GDY	3250	6.5
			P205/60R15	TPJ TAD MIC	3250	6.8
	P205/60R15		TPK TAD GDY	3250	6.5	
	P205/60R15		TPK TAD MIC	3250	6.8	
	A3, A4	P205/60R15	TPX TAD GDY	3250	6.3	
		P205/60R15	TPX TAD MIC	3250	6.3	

ISSUE DATE: 10-10-88  
REVISED:

CHRYSLER MOTORS CORPORATION

C

EXEC ORDER A-9-193

1990 CALIFORNIA 2.5L TBI PASSENGER CAR  
TEST WEIGHT AND HORSEPOWER

E.F. KCR2.5V5FBE8

MODELS	TRANS	TIRES	TIRE CODE	TEST WEIGHT (LBS.)	COASTDOWN H.P.	
JCH27	M5	P205/60R15	TPJ TAD GDY	3375	7.4	
		P205/60R15	TPJ TAD MIC	3375	7.4	
		P205/60R15	TPK TAD GDY	3375	7.4	
		P205/60R15	TPK TAD MIC	3375	7.4	
		P205/60R15	TPX TAD GDY	3375	7.2	
		P205/60R15	TPX TAD MIC	3375	7.2	
	A3, A4	P205/60R15	TPJ TAD GDY	3500	7.4	
		P205/60R15	TPJ TAD MIC	3500	7.4	
		P205/60R15	TPK TAD GDY	3500	7.4	
		P205/60R15	TPK TAD MIC	3500	7.4	
		P205/60R15	TPX TAD GDY	3500	7.0	
		P205/60R15	TPX TAD MIC	3500	7.0	
	PFL24, 44, PDL24, 44	M5, A3, A4	P185/70R14	TJ1 TAD GDY	3000	8.6
			P185/70R14	TJ1 TAD MIC	3000	8.6
PPH24, PDH24	M5	P185/70R14	TJ1 TAD GDY	3000	8.6	
		P185/70R14	TJ1 TAD MIC	3000	8.6	
	A3, A4	P185/70R14	TJ1 TAD GDY	3125	8.6	
		P185/70R14	TJ1 TAD MIC	3125	8.6	
PPH44, PDH44	M5, A3, A4	P185/70R14	TJ1 TAD GDY	3125	8.6	
		P185/70R14	TJ1 TAD MIC	3125	8.6	

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