

File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-406
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1999 model-year Chrysler Corporation exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: XCRXV0215V20 Displacement: 3.5 Liters (215 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Dual Three Way Catalytic Converters
- Dual Heated Oxygen Sensors (two)
- Sequential Multiport Fuel Injection

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

The TLEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 RAF for 1999 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.104	1.2	0.2	0.002	5.8
100,000	0.123	1.3	0.3	0.002	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit 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 Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

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 19th day of March 1998.

A handwritten signature in cursive script, reading "R. B. Summerfield". The signature is written in dark ink and is positioned above the typed name and title.

R. B. Summerfield, Chief
Mobile Source Operations Division

1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O. # A-9-406
 Page 1 of 1

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXV0215V20 Evap Fam: XCRXR0101G1E
 All Eng Codes in Eng Fam: CA X 49S 50S AB965 ORVR: YES X NO
 Lxh Std: CA Tier-1 TLEV X LEV ULEV SULEV : US EPA Tier-1
 Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5
 Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
 Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel
 CNG LNG LPG M85 Other (specify)
 Emis Test Fuel(s): Indo CBG X CNG LPG M85 Other(specify)
 Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
 Evaporative Emission Test Procedure: California Federal X
 Service Accum: Std AMA Mod AMA X Mfr ADP Other (Specify)
 NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source X
 Engine Configuration: V-6 Displacement: / 3.5 Liters / 215 Cubic Inches
 Valves per Cylinder: 4 Rated HP: 253 @ 6400 RPM
 Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT
 Exhaust ECS (eg., EGR, MFI, TC, CAC): 2H02S(2), 2TWC, EGR, SFI, OBDII
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type M5 A4	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA)	LHCP41	A4	4000	S E E	04606840AL	04591092AB	04581702AF 04581703AF
CA-200	LHYS41		3875	A T T A C H M E N T			

Date Issued: 01/16/98

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXV0215V20
 Evaporative Fam: XCRXR0101G1E

Certificate #:

Model ID

 LHYS41
 LHCP41

Car Line

 300
 LHS

California
 Sales

 YES
 YES

* - For U.S. Possessions the nameplate will read Chrysler

Model Codes
 JA C H 41

--- Body Style
 22=2 door coupe
 27=2 door convertible
 41=4 door sedan
 42=4 door subcompact sedan

----- Trim Level
 H=High Line S=Sport
 P=Premium L=Low Line

----- Division
 L,C=Chrysler D=Dodge
 X=Eagle P=Plymouth

----- Car Line
 JA=Cirrus, Stratus, Breeze PL=Neon
 JX=Sebring Convertible
 LH=Concorde, New Yorker, LHS, Vision, Intrepid
 SR=Viper, PR=Prowler

1999
XCRXV0215V20

Chrysler Corporation
Family Tire Usage

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-406

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	C	MKT	LWM	TIRE	DESCRIPTION	COAST	TIRE	TARGET A	COLD CO	ELECTRIC	DYNO	COEFFICIENTS	ALW	COAST	TIRE	
					TYPE	ETH	USE	YR	DOWN	PRES	(LINE 1 IS 20 DEG	IS 20	DEG	LINE 2 IS 50	ETW	DOWN			
									TIME	F R	DEG	DEG	DEG	DEG		TIME			
											WHEN NEEDED)								
LHCP41	EGG	DGX	FM	Y	C	4000	STD	99	18.54	30	49.42	0.02285							
LHYS41	EGG	DHD	FM	Y	C	3875	STD	99	17.80	30	48.44	0.02343							

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - VH02 - 400 /

Report Date: 01/21/98
Time: 12:31:51