

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-409-B  
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: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: XCRXV0122V30 Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

The LEV 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	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.94 RAF for 1999 model-year LEVs. The LEV 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	0.056	0.8	0.04	0.001	7.3
100,000	0.064	1.0	0.04	0.001	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 "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

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."

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 21<sup>st</sup> day of May 1998.



R. B. Summerfield, Chief  
Mobile Source Operations Division

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXV0122V30 Evap Fam: XCRXR0101G1C  
 1 Eng Codes in Eng Fam: CA X 49S      50S      AB965      ORVR: YES X NO       
 Exh Std: CA Tier-1      TLEV      LEV X ULEV      SULEV     ; US EPA Tier-1       
 h 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      Equip X R/L Test Proce: SHED      Pt Source X  
 Engine Configuration: I-4 Displacement:      / 2.0 Liters      / 122 Cubic Inches  
 Valves per Cylinder: 4 Rated HP:      132 @ 6000 RPM  
 Engine: Front X Mid      Rear      Drive: FWD X RWD      4WD-FT      4WD-PT       
 Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, HO2S(2), SFI, TWC, 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-200 (CA)	JADH41 JAPH41	A4	3375	S E E  A T T A C H M E N T	04606301AJ	04287827AA	04764361

Date Issued: 03/25/98

Revisions: \_\_\_\_\_  
 VB01-SDS/99

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXV0122V30  
Evaporative Fam: XCRXR0101G1C

Certificate #:

Model ID	Car Line	California
JAPH41	Breeze	Sales
JADH41	Stratus	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

Chrysler Corporation  
Family Tire Usage

ATTACHMENT TO SDS PAGE 1  
OF EXECUTIVE ORDER A-9-409-A/B

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT																														
MODEL	ENG	TRANS	A	C	GW	TYPE	ETW	MKT	LWV	TIRE	DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	*DYNO	TIRE	PRE	F	R	TARGET A	B	C	ALWV	DOWN	TIME	COAST	TIRE	PRE	F	R							
																	COLD CO ELECTRIC DYNO COEFFICIENTS																							
																	SET A B C																							
																	LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																							
JADH41	ECB	DGL	FW	Y	0	C	3375	C	3375	STD	99	TKA	TZH	17.70	5.6	30	30	17.70	5.6	30	30	35.50	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364						
JAPH41	ECB	DGL	FW	Y	0	C	3375	C	3375	STD	99	TKA	TZH	17.70	5.6	30	30	17.70	5.6	30	30	35.50	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364	0.02364					
PLDH22	ECB	DGC	FW	Y	0	C	2875	C	2875	STD	99	TJY	TZA	14.65	6.1	32	32	14.65	6.1	32	32	41.42	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224					
PLDH42	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	14.64	6.0	32	32	14.64	6.0	32	32	42.93	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160					
PLDL22	ECB	DGC	FW	Y	0	C	2750	C	2750	STD	99	TEW	TZA	14.64	6.0	32	32	14.64	6.0	32	32	41.42	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224			
PLDL42	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	14.09	5.9	32	32	14.09	5.9	32	32	42.40	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167			
PLPH22	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	16.26	5.9	32	32	16.26	5.9	32	32	32.84	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167		
PLPH42	ECB	DGC	FW	Y	0	C	2875	C	2875	STD	99	TJY	TZA	14.65	6.1	32	32	14.65	6.1	32	32	41.42	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	0.02224	
PLPL22	ECB	DGC	FW	Y	0	C	2750	C	2750	OPT	99	TEW	TZA	14.64	6.0	32	32	14.64	6.0	32	32	41.42	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	
PLPL42	ECB	DGC	FW	Y	0	C	2875	C	2875	STD	99	TEW	TZA	15.63	5.9	32	32	15.63	5.9	32	32	42.93	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	
PLPL42	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	14.09	5.9	32	32	14.09	5.9	32	32	42.40	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167
PLPL42	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	16.26	5.9	32	32	16.26	5.9	32	32	32.84	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167	0.02167
PLPL42	ECB	DGC	FW	Y	0	C	2875	C	2875	OPT	99	TEW	TZA	14.64	6.0	32	32	14.64	6.0	32	32	42.93	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160	0.02160

\* - For DYNO HP = 0.00  
Ref To FRONTAL AREA