

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-449  
Relating to Certification of New Motor Vehicles

DAIMLERCHRYSLER 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 2000 model-year DaimlerChrysler 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: YCRXV0165V30 Displacement: 2.7 Liters (165 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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 2000 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	0.052	0.3	0.1	0.001	5.2
100,000	0.057	0.3	0.2	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 "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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").


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 16<sup>th</sup> day of July 1999.

  
for R. B. Summerfield, Chief  
Mobile Source Operations Division

Manufacturer: DaimlerChrysler Corp Exh Eng Fam: YCRXV0165V30 Evap Fam: YCRXR0101G1D  
All Eng Codes in Eng Fam: CA X 49S X 50S AB965 ORVR: YES X NO    
Exh Std: CA Tier-1   TLEV   LEV X ULEV   SULEV   US: EPA Tier-1   NLEV X  
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   E85   Other(specify)    
Emis Test Fuel(s): Indo   CBG X CNG   LPG   M85   E85   Other(specify)    
Diesel: 13 CCR 2282   40 CFR 86.113-90   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 Proc: SHED   Pt Source X  
Engine Configuration: V-6 Displacement 2.7 Liters 165 Cubic Inches  
Valves per Cylinder: 4 Rated Horsepower: 200 @ 5800 (EER) 202 @ 5800 (EES) RPM  
Engine: Front X Rear   Drive: FWD X RWD   4WD-FT   4WD-PT    
Exhaust ECS (eg. EGR, MFI, TC, CAC): 2HO2S(2). 2TWC. EGR. SFL. OBDII  
(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Model (if coded see attachment)	Trans. Type: M5 A4	ETW Or TestWt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
NA-100 (CA-EER) (w/o Autostick)	LHCH41 LHDH41	A4	3750	S E E	04606614AB	0459184AA	04581728AA 04581729AA
NA-200 (CA-EES) (w/ Autostick)	LHDP41			A T T A C H M E N T	04896360AB		

49ST=NLEV

Date Issued: 06/10/99

Revisions: \_\_\_\_\_

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	C	GVW	TYPE	ETW	MKT	LVW	TIRE	DESCRIPTION	COAST	DOWN	*DYNO	PRES	TIRE	COLD CO ELECTRIC DYNO COEFFICIENTS										COAST		TIRE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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\* - For DYNO HP = 0.00  
Ref TO FRONTAL AREA

/ 10. - VE02 - 400 /

Report Date: 04/26/99  
Time: 16:27:50

MODELS COVERED BY CERTIFICATE

Certificate #:

Engine Family: YCRXV0165V30  
Evaporative Fam: YCRXR0101G1D

Vehicle MFR: CHRYSLER

Model ID	Car Line	California Sales
LHCR41	Concorde	YES
LHDH41	Intrepid	YES
LHDP41	Intrepid	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	S=Sport
H=High Line	L=Low Line
P=Premium	
Division	D=Dodge
L,C=Chrysler	P=Plymouth
X=Eagle	
Car Line	PL=Neon
	JA=Cirrus, Stratus, Breeze
	JX=Sebring Convertible
	LH=Concorde, New Yorker, LHS, Vision, Intrepid
	SR=Viper, PR=Prowler

Report Date: 04/26/99