

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-448
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: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: YCRXV0152V20 Displacement: 2.5 Liters (152 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
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 2000 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	0.096	0.5	0.1	0.002	3.6
100,000	0.117	0.7	0.1	0.003	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 21st day of June 1999.



R. B. Summerfield, Chief
Mobile Source Operations Division

2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O.# A-9-448
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Manufacturer: DaimlerChrysler Corp Exh Eng Fam: YCRXV0152V20 Evap Fam: YCRXR010IG1C
 All Eng Codes in Eng Fam: CA X 49S X 50S AB965 ORVR: YES X NO
 Exh Std: CA Tier-1 TLEV X LEV 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 Equip X R/L Test Proc: SHED Pt Source X
 Engine Configuration: V-6 Displacement 2.5 Liters 152 Cubic Inches
 Valves per Cylinder: 4 Rated Horsepower: 168 @ 5800 RPM
 Engine: Front X Rear Drive: FWD X RWD 4WD-FT 4WD-PT
 Exhaust ECS (eg. EGR, MFI, TC, CAC): EGR, H02S(2), SFI, TWC.
 (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) (w/o Autostick)	JACP41 JADP41	A4	3500	S E E	04606559AA	04287646 04287646AB	04546254AC
NA-300 (w/ Autostick)				A T T			
NA-200 (w/o Autostick)	JXCH27 JXCP27		3750	A C H	04606573AA		
NA-400 (w/ Autostick)				M E N T			

Date Issued: 05/27/99

Revisions: _____

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LVM	TIRE	DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	DOWN	*DYNO	TIRE	HP	F	R	TARGET A	B	C	SET A	B	C	ALWM	DOWN	*DYNO	HP	F	R
													COLD CO ELECTRIC DYNO COEFFICIENTS																		
													LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																		
JACP41	EEB	DGL	FV	Y	0	C	3500	STD	00	TNG	TZH		16.80	7.0	7.0	30	30	30	40.36							0.02426					
JACP41	EEB	DHD	FV	Y	0	C	3500	STD	00	TNG	TZH		16.80	7.0	7.0	30	30	30	36.69							0.02205					
JADP41	EEB	DGL	FV	Y	0	C	3500	STD	00	TNG	TZH		16.80	7.0	7.0	30	30	30	36.69							0.02426					
JADP41	EEB	DHD	FV	Y	0	C	3500	STD	00	TNG	TZH		16.80	7.0	7.0	30	30	30	36.69							0.02205					
JXCH27	EEB	DGL	FV	Y	0	C	3750	STD	00	TPP	TZH		17.33	7.3	7.3	30	30	30	44.68							0.02221					
								OPT	00	TV4	TZH		16.98	6.9	6.9	30	30	30	50.47							0.02277					
JXCH27	EEB	DHD	FV	Y	0	C	3750	STD	00	TPP	TZH		17.33	7.3	7.3	30	30	30	49.15							0.02221					
								OPT	00	TV4	TZH		16.98	6.9	6.9	30	30	30	50.47							0.02277					
JXCP27	EEB	DGL	FV	Y	0	C	3750	STD	00	TV4	TZH		16.98	6.9	6.9	30	30	30	45.88							0.02070					
JXCP27	EEB	DHD	FV	Y	0	C	3750	STD	00	TV4	TZH		16.98	6.9	6.9	30	30	30	50.47							0.02277					
								OPT	00	TV4	TZH		16.98	6.9	6.9	30	30	30	45.88							0.02070					

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

MODELS COVERED BY CERTIFICATE

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-448

Vehicle MFR: CHRYSLER

Engine Family: YCRXV0152Y20
Evaporative Fam: YCRR0101G1C

Certificate #:

Model ID	Car Line	California Sales
JACP41	Cirrus	YES
JXCH27	Sebring Convertible	YES
JXCP27	Sebring Convertible	YES
JADP41	Stratus	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

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