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:

| Miles | Non-Methane Organic Gas | Carbon Monoxide | Nitrogen Oxides | Formaldehyde | Carbon Monoxide (20°F) |
|---|---|---|---|---|---|
| 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:

| Miles | Non-Methane Organic Gas | Carbon Monoxide | Nitrogen Oxides | Formaldehyde | Carbon Monoxide (20°F) |
|---|---|---|---|---|---|
| 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.

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


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 ____
Exh 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): 2HO2S(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 | SEE ATTACHMENT | 04606840AL | 04591092AB | 04581702AF 04581703AF |
| CA-200 | LHYS41 | | 3875 | | | | |

Date Issued: 01/16/98
Revisions: ____

VH02-SOS/99

MODELS COVERED BY CERTIFICATE

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

Vehicle MFR: CHRYSLER

Engine Family: XCRXV0215V20
Evaporative Fam: XCRXR0101G1E

Certificate #:

| Model ID | Car Line | California Sales |
|---|---|---|
| LHYS41 | 300 | YES |
| LHCP41 | LHS | YES |

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

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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
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1999
XCRXV0215V20

Chrysler Corporation
Family Tire Usage

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

LOADED VEHICLE WEIGHT

ADJUSTED LOADED VEHICLE WGT

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | R | COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A (LINE 1 IS 20 DEG COEFFS, | B | C | SET A LINE 2 IS 50 DEG WHEN NEEDED) | B | C | ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LHCP41 | EGG | DGX FW | Y | 0 | C | 4000 | STD | 99 | TR3 | TZA | | 18.54 | 6.3 | 30 | 30 | 49.42 | | 0.02285 | | | | | | | | |
| LHYS41 | EGG | DHD FW | Y | 0 | C | 3875 | STD | 99 | TR3 | TZA | | 17.80 | 6.8 | 30 | 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