## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-9-317 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 1996 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: TCR201V8G2EK <u>Displacement</u>: 3.3 Liters (201 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation Dual Heated Oxygen Sensors (two) Dual Three Way Catalytic Converters 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 <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20<sup>0</sup>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 1996 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

Miles_	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20<sup>0</sup>F)</u>
50,000	0.083	1.1	0.2	0.001	5.6
100,000	0.116	1.6	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 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor 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).

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 time of the 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 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)(6.1) ("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 96 d

day of August 1995.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

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1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS. LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Fuel Type(s): Dedicated_X_Flex-Fuel	PASSENGER CARS, LIGHT BOTT MODEL
"I Eng Codes in Eng Fam: CA X 49S 50S 7850S 7850	Manufacturer: Chrysler Corporation Exh Eng Fam: TCR201V8G2EK Evap Fam: TCR10/3AYP00
Exh Std: CA Tier-1	CK V AUX 503 50200
Veh Class(es): PC_X LDT1LDT2MDV1NDV2NDV3, MDV4, Single Cert Std for Multi-Class Eng Fam:N/A(Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)   Single Cert Std for Multi-Class Eng Fam:N/A(Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)   Fuel Type(s): Dedicated_X_Flex-FuelDual-FuelBi-LevelGasoline_XDiesel	
Single Cert Std for Multi-Class Eng Fam:	Evap Std: 50K_X Useful Life with R/L MDV2 MDV3 MDV4 MDV5
Fuel Type(s): Dedicated_X Flex-Fuel Dudi-Fuel Draw CNG LNG LPG M85 Other (specify) CNG LPG M85 Other(specify) Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA Mod AMA Mfr ADPX Other (Specify) NMOG Test Procedure: N/A Std Equiv_X R/L Test Proce: SHED Pt Source Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine) Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)	ven Class(es): PC_X_LDT1LDT2MDV1N/A_LDT1_MDV1, MDV2, MDV3, MDV4)
CNGLNGLPGM85Other(specify)  Emis Test Fuel(s): IndoPh2_X_CNGLPGM85Other(specify)  Diesel: 13 CCR 2282or 40 CFR 86.113-90or 40 CFR 86.113-94  Service Accum: Std AMAMod AMAMfr ADPXOther (Specify)  NMOG Test Procedure: N/AStdEquiv_XR/L Test Proce: SHEDPt Source  Hybrid: Type ABC, APU Cycle (e.g., Otto, Diesel, Turbine)  Engine Configuration: V-6_Displacement:/3.3_Liters/201Cubic Inches  Valves per Cylinder:4Rated HP:161@5300RPM  Engine: Front_X_MidRearDrive: FWD_X_RWD4WD-FT4WD-PT	Single Cert Std for Multi-Class Eng Fam: N/A (Specify: W/A, Established Gasoline X Diesel
Emis Test Fuel(s): Indo Ph2XCNG LPG M85 Other(spectry)  Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94  Service Accum: Std AMA Mod AMA Mfr ADPX Other (Specify)  NMOG Test Procedure: N/A Std EquivX R/L Test Proce: SHED Pt Source  Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)  Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)  Engine Configuration: V-6 Displacement: / 3.3 Liters / 201Cubic Inches  Valves per Cylinder: A Rated HP: 161 @ 5300 RPM  Engine: FrontX Mid Rear Drive: FWDX RWD 4WD-FT 4WD-PT	Fuel Type(s): Dedicated X Flex-Fuel Dudi-Fuel Other (specify)
Diesel: 13 CCR 2282 or 40 CFR 80.113-30 s. To the control of the control o	DIO Y CHC LOG MR5 Uther(Specify)
Service Accum: Std AMA Mod AMA Mfr ADP _X Other (Spectry)	5 1 10 CCD 2202 OF All LFK 00.113-30 OF 10 5FM ===
NMOG Test Procedure: N/A Std Equiv X R/E Test Trock: Shed Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine)  Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine)  Engine Configuration: V-6 Displacement: / 3.3 Liters / 201 Cubic Inches  Valves per Cylinder: 4 Rated HP: 161 @ 5300 RPM  Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	Med AMA Mer And X Uther (Specify)
Hybrid: Type A B C, APU Cycle (e.g., Otto, Dicser, Idea	
Engine Configuration: V-6 Displacement: 7 3.3 Effects  Valves per Cylinder: 4 Rated HP: 161 @ 5300 RPM  Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT 1998 1998 1998 1998 1998 1998 1998 199	
Valves per Cylinder: 4 Rated AF. Total RWD 4WD-FT 4WD-PT   Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT   Engine: Front X Mid Rear   Engine: FWD X RWD SET	Hybrid: Type A b C, risolatement: / 3.3 Liters / 201 Cubic Inches
Engine: Front X Mid Redr Services and SET	Rated HP: 161 @ 5300 RPM
Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, 2H02S(2), 2TWC, SFI, (use abbreviations per SAE J1930 SEP91)	r Feart V Mid Redi Ditter (100
(use appreviations per SAE 01900 SEP 32)	Exhaust FCS (eq. FGR. MFI. TC. CAC): EGR. 2H02S(2), 2TWC, SFI.
	(use abbreviations per SAC 01900 SEL92)

Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition	EGR	Catalyst
(also list	(if coded see	M5	or	or	(ECM/PCM)	System	Converter
CA/49ST/50ST)	attachment)	A4	Test Wt.	RLHP	Part No.	Part No.	Part No.
CA-100 (CA)	LHDH41 LHDP41 LHLP41 LHXP41	A4	3750	S E E A T T A C H M E N T	04606222	04287792	04695860 04695861

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Date Issued:	ı	l
Revisions:		

Engine Family: TCR201V8G2EK Evaporative Fam: TCR1073AYPOO

Certificate #:

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Concorde	Model 10	Car Line	80148
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	CHEPA	Intrepto	YES

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> \* . For DYNO HP \* 0.00 Ref To FRONTAL AREA