State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-353
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 1997 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: VCR23228G1EK Displacement: 3.3 Liters (201 Cubic Inches)
3.8 Liters (232 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20° F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20° F)
3751-5750	50,000	0.13	1.6	0.2	7.2
	100,000	0.15	1.7	0.24	n/a

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 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 non-methane organic gas (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 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 Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 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.

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 10th day of July 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-353
Page 1 of 1

1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR23228G1EK Evap Fam: VCR1098AYP1A

All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB965 ____

Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ ZEV ____; US EPA Tier-1 X

Evap Std: 50K ____ Useful Life with R/L X In-Use Exh Std: Full In Use ____ Alt In Use ____

Veh Class(es): PC ____ LDT1 ____ LDT2 X 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 ____ Ph2 X 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 ADP X Other (Specify) ____

NMOG Test Procedure: N/A ____ Std ____ Equiv X R/L Test Proce: SHED ____ Pt Source X

Hybrid: Type A ____ B ____ C ____, APU Cycle (e.g., Otto, Diesel, Turbine) Otto

Engine Configuration: V-6 Displacement: 3.3 / 3.8 Liters 201 / 232 Cubic Inches

Valves per Cylinder: 2 Rated HP: 162/162 @ 4800/4400 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD X RWD ____ 4WD-FT X 4WD-PT ____

Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, TWC, SFI, HO2S(2), OBD II
(use abbreviations per SAE J1930 SEP91)

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)	NSKP53 NSYP53 NSYS53	A4	4500	SEE ATTACHMENT	04727189AA	04287189	04682430 04682433
	NSKP52 NSYP52		4250				
CA-200 (CA)	NSCP53 NSCS53 NSDH53 NSDP53		4750		04727190AA		04682806

Date Issued:

Revisions: ____

td03-sds

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR23228G1EK
Evaporative Fam: VCR1098AYP1A

Certificate #:

Model ID	Car Line	California Sales
NSKP52	Caravan LE 2WD	YES
NSDP53	Grand Caravan LE (AWD)	YES
NSKP53	Grand Caravan LE 2WD	YES
NSDH53	Grand Caravan SE (AWD)	YES
NSCP53	Town & Country LX (AWD)	YES
NSYP53	Town & Country LX 2WD	YES
NSCS53	Town & Country LXi (AWD)	YES
NSYS53	Town & Country LXi 2WD	YES
NSYP52	Town & Country SX 2WD	YES

```
Model Codes
NS K P  53
|  | |  |
|  | |  --- Body Style
|  | |      12=113" wb Van
|  | |      13=119" wb Van
|  | |      52=113" wb Wagon
|  | |      53=119" wb Wagon
|  | |
|  | ------ Price Class
|  |        H=High Line
|  |        P=Premium
|  |        L=Low Line
|  |
|  -------- Model
|           K=Dodge      D=Dodge AWD
|           H=Plymouth   P=Plymouth AWD
|           Y=Chrysler   C=Chrysler AWD
|
---------- Body Code
           NS=Minivan
```

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	LOADED VEHICLE WEIGHT	ADJUSTED LOADED VEHICLE WGT ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
NSCP53	EGH	DGL	4W	Y	O	C	4750	STD	97	TM3	TZA	16.79	10.7	35	35						
								OPT	97	TM5	TZH	16.14	10.4	35	35						
NSCS53	EGH	DGL	4W	Y	O	C	4750	STD	97	TM5	TZH	16.14	10.4	35	35						
NSDH53	EGH	DGL	4W	Y	O	C	4750	STD	97	TM3	TZA	16.79	10.7	35	35						
NSDP53	EGH	DGL	4W	Y	O	C	4750	STD	97	TM3	TZA	16.79	10.7	35	35						
								OPT	97	TM5	TZH	16.14	10.4	35	35						
NSKP52	EGH	DGL	FW	Y	O	C	4250	STD	97	TMR	TZH	16.64	8.9	35	35						
								OPT	97	TM5	TZH	16.13	9.1	35	35						
								OPT	97	TMR	TZA	16.56	10.1	35	35						
NSKP53	EGH	DGL	FW	Y	O	C	4500	STD	97	TMR	TZH	17.35	8.9	35	35						
								OPT	97	TM5	TZH	16.82	9.0	35	35						
								OPT	97	TMR	TZA	17.27	10.1	35	35						
NSYP52	EGH	DGL	FW	Y	O	C	4250	STD	97	TM5	TZH	16.13	9.1	35	35						
								OPT	97	TMR	TZH	16.13	9.1	35	35						
NSYP53	EGH	DGL	FW	Y	O	C	4500	STD	97	TMR	TZH	17.35	8.9	35	35						
								OPT	97	TM5	TZH	16.82	9.0	35	35						
								OPT	97	TMR	TZA	17.27	10.1	35	35						
NSYS53	EGH	DGL	FW	Y	O	C	4500	STD	97	TM5	TZH	16.82	9.0	35	35						

COLD CO ELECTRIC DYNO COEFFICIENTS
TARGET A B C SET A B C
(LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TD03 - 400 /

Report Date: 06/07/96
Time: 08:05:57