

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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20° F)</u>
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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20° F)</u>
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

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
 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, SEI, 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		04727190AA		
CA-200 (CA)	NSCP53 NSCS53 NSDH53 NSDP53		4750				04682806

Date Issued:

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR2322801EK
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
H=Plymouth
Y=Chrysler
D=Dodge AWD
P=Plymouth AWD
C=Chrysler AWD

----- Body Code
NS=Minivan

LOADED VEHICLE WEIGHT

ADJUSTED LOADED VEHICLE WGT

MODEL	ENG	TRANS	A	C	GYW	TYPE	LW	MKT	TIRE DESCRIPTION	USE YR	COD	MFG	OPT	COAST	DOWN	+DYNO	HP	TIRE PRES	F	R	TARGET A	B	C	COLD CO	ELECTRIC	DYNO	COEFFICIENTS	ALVW	TIME	DOWN	COAST	TIRE				
																																	HP	F	R	LINE 1
NSCP53	EGH	DGL	4W	Y	0	C	4750	C	STD 97 TM3 TZA					16.79	10.7	35	35																			
NSCP53	EGH	DGL	4W	Y	0	C	4750	C	OPT 97 TMS TZH					16.14	10.4	35	35																			
NSDPS3	EGH	DGL	4W	Y	0	C	4750	C	STD 97 TM3 TZA					16.79	10.7	35	35																			
NSDPS3	EGH	DGL	4W	Y	0	C	4750	C	OPT 97 TMS TZH					16.14	10.4	35	35																			
NSKPS2	EGH	DGL	FW	Y	0	C	4250	C	STD 97 TMR TZH					16.64	8.9	35	35																			
NSKPS2	EGH	DGL	FW	Y	0	C	4250	C	OPT 97 TMS TZH					16.13	9.1	35	35																			
NSKPS3	EGH	DGL	FW	Y	0	C	4500	C	STD 97 TMR TZH					17.35	8.9	35	35																			
NSKPS3	EGH	DGL	FW	Y	0	C	4500	C	OPT 97 TMS TZH					18.82	9.0	35	35																			
NSYPS2	EGH	DGL	FW	Y	0	C	4250	C	STD 97 TMS TZH					17.27	10.1	35	35																			
NSYPS2	EGH	DGL	FW	Y	0	C	4250	C	OPT 97 TMR TZA					16.13	9.1	35	35																			
NSYPS3	EGH	DGL	FW	Y	0	C	4500	C	STD 97 TMR TZH					16.13	9.1	35	35																			
NSYPS3	EGH	DGL	FW	Y	0	C	4500	C	OPT 97 TMS TZH					17.35	8.9	35	35																			
NSYPS3	EGH	DGL	FW	Y	0	C	4500	C	STD 97 TMR TZA					17.27	10.1	35	35																			
NSYPS3	EGH	DGL	FW	Y	0	C	4500	C	OPT 97 TMS TZH					16.82	9.0	35	35																			

* - For DYNO HP = 0.00
Ref To FRONTAL AREA