State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-333
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 Orders G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Emission Standard Category: Ultra-Low Emission Vehicle (ULEV)

Fuel Type: Compressed Natural Gas (CNG)

Engine Family: TCR5.268C7JK Displacement: 5.2 Liters (318 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way plus Oxidation Catalytic Converter
Heated Oxygen Sensor
Sequential Multiport Fuel Injection

Vehicle models, transmissions, and engine codes are listed on attachments.

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
5751-8500	50,000	0.117	2.5	0.6	0.011
	120,000	0.167	3.7	0.8	0.016

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a reactivity adjustment factor (RAF) for CNG-fueled medium-duty ULEVs, and the addition of the product of the methane exhaust emission value and a RAF for methane emission of CNG-fueled medium-duty ULEVs.

BE IF FURTHER RESOLVED: That, as of the date of this order, the Air Resources Board has not proposed or adopted a RAF for medium-duty ULEVs operated on CNG, or a methane RAF for such vehicles. Based on available data and analysis, there is a strong likelihood that the initially adopted RAF for such vehicles will be less than 1.000, and the initially adopted methane RAF for such vehicles will be less than the numerical value of the maximum incremental reactivity of methane (0.0148). With the consent of the manufacturer, which has been provided, the applicable RAF and methane RAF for the listed engine family shall be treated for all purposes relating to this certification as:

Reactivity Adjustment Factor for NMOG Mass Emission: 1.000

Reactivity Adjustment Factor for Methane Mass Emission: 0.0148

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
5751-8500	50,000	0.027	1.5	0.3	0.002
	120,000	0.035	1.8	0.4	0.004

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 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)(5.1) ("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.).

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 7th day of November 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-333
Page 1 of 1

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

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR5.268C7JK Evap Fam: TCR5000WYCBA

All Eng Codes in Eng Fam: CA_____ 49S_____ 50S X AB965_____

Std: CA Tier-1_____ TLEV_____ LEV_____ ULEV X ZEV_____; US EPA Tier-1_____

Evap Std: 50K N/A Useful Life with R/L_____ In-Use Exh Std: Full In Use___ Alt In Use X

Veh Class(es): PC____ LDT1____ LDT2____ MDV1____ MDV2____ MDV3 X 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____ Diesel____
CNG X LNG____ LPG____ M85____ Other (specify)_____

Emis Test Fuel(s): Indo____ Ph2____ CNG X 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 X Mfr ADP _____ 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)_____

Engine Configuration: V-8 Displacement: 5.2 Liters 318 Cubic Inches

Valves per Cylinder: 2 Rated HP: 220 @ 4400 RPM

Engine: Front X Mid_____ Rear_____ Drive: FWD_____ RWD X 4WD-FT_____ 4WD-PT_____

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC+OC, HO2S,OBD II, SFI
(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 (50ST)	AB3L12 AB3L13	A4	6000	SEE ATTACHED	56040109	--	52020290
	AB3L12 AB3L13 AB3L52 AB3L53 BR2L62		6500			--	
	AB3L52 AB3L53		7000			--	
FA-100 (50ST)	AB3L12 AB3L13		6000		56040109	--	52020290
	AB3L12 AB3L13 AB3L52 AB3L53 BR2L62		6500			--	
	AB3L52 AB3L53		7000				

*Test weights reflect ALVW.

Date Issued: 10/19/95

Revisions: _____

TK70-SDS/96

1996
TCR5.268C7JK

Chrysler Corporation
Family Tire Usage

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: TARGET A (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT: ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
AB3L12	ELN	DGT	RW Y	7500	C	5000	STD	96	TWZ	TZH		13.23	16.4	40	40							6000	15.26	14.6	40	40
							OPT	96	TWT	TZH		13.23	16.4	40	45								15.26	14.6	40	45
							OPT	96	TYT	TZH		13.23	16.4	40	40								15.26	14.6	40	40
AB3L12	ELN	DGT	RW Y	7500	F	5000	STD	96	TWZ	TZH		13.23	16.4	40	40							6000	15.26	14.6	40	40
							OPT	96	TWT	TZH		13.23	16.4	40	45								15.26	14.6	40	45
							OPT	96	TYT	TZH		13.23	16.4	40	40								15.26	14.6	40	40
AB3L12	ELN	DGT	RW Y	8500	C	5000	STD	96	TWT	TZH		13.23	16.4	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		13.23	16.4	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		13.23	16.4	40	40								16.29	13.1	40	40
AB3L12	ELN	DGT	RW Y	8500	F	5000	STD	96	TWT	TZH		13.23	16.4	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		13.23	16.4	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		13.23	16.4	40	40								16.29	13.1	40	40
AB3L13	ELN	DGT	RW Y	7500	C	5250	STD	96	TWT	TZH		13.73	15.6	40	45							6000	15.26	14.6	40	45
							OPT	96	TWZ	TZH		13.73	15.6	40	40								15.26	14.6	40	40
							OPT	96	TYT	TZH		13.73	15.6	40	40								15.26	14.6	40	40
AB3L13	ELN	DGT	RW Y	7500	F	5250	STD	96	TWT	TZH		13.73	15.6	40	45							6000	15.26	14.6	40	45
							OPT	96	TWZ	TZH		13.73	15.6	40	40								15.26	14.6	40	40
							OPT	96	TYT	TZH		13.73	15.6	40	40								15.26	14.6	40	40
AB3L13	ELN	DGT	RW Y	8500	C	5250	STD	96	TWT	TZH		13.73	15.6	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		13.73	15.6	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		13.73	15.6	40	40								16.29	13.1	40	40
AB3L13	ELN	DGT	RW Y	8500	F	5250	STD	96	TWT	TZH		13.73	15.6	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		13.73	15.6	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		13.73	15.6	40	40								16.29	13.1	40	40
AB3L52	ELN	DGT	RW Y	7500	C	5500	STD	96	TWZ	TZH		14.12	15.4	40	40							6500	16.29	13.1	40	40
							OPT	96	TWT	TZH		14.12	15.4	40	45								16.29	13.1	40	45
							OPT	96	TYT	TZH		14.12	15.4	40	40								16.29	13.1	40	40
AB3L52	ELN	DGT	RW Y	7500	F	5500	STD	96	TWZ	TZH		14.12	15.4	40	40							6500	16.29	13.1	40	40
							OPT	96	TWT	TZH		14.12	15.4	40	45								16.29	13.1	40	45
							OPT	96	TYT	TZH		14.12	15.4	40	40								16.29	13.1	40	40
AB3L52	ELN	DGT	RW Y	8500	C	5500	STD	96	TWT	TZH		14.12	15.4	40	45							7000	17.04	13.6	40	45
							OPT	96	TWZ	TZH		14.12	15.4	40	40								17.04	13.6	40	40
							OPT	96	TYT	TZH		14.12	15.4	40	40								17.04	13.6	40	40
AB3L52	ELN	DGT	RW Y	8500	F	5500	STD	96	TWT	TZH		14.12	15.4	40	45							7000	17.04	13.6	40	45
							OPT	96	TWZ	TZH		14.12	15.4	40	40								17.04	13.6	40	40
							OPT	96	TYT	TZH		14.12	15.4	40	40								17.04	13.6	40	40
AB3L53	ELN	DGT	RW Y	7500	C	6000	STD	96	TWT	TZH		15.26	14.6	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		15.26	14.6	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		15.26	14.6	40	40								16.29	13.1	40	40
AB3L53	ELN	DGT	RW Y	7500	F	6000	STD	96	TWT	TZH		15.26	14.6	40	45							6500	16.29	13.1	40	45
							OPT	96	TWZ	TZH		15.26	14.6	40	40								16.29	13.1	40	40
							OPT	96	TYT	TZH		15.26	14.6	40	40								16.29	13.1	40	40
AB3L53	ELN	DGT	RW Y	8500	C	6000	STD	96	TWT	TZH		15.26	14.6	40	45							7000	17.04	13.6	40	45

COLD CO ELECTRIC DYNO COEFFICIENTS

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TK70 - 400 /

Report Date: 09/14/95
Time: 10:03:44

1996
TCR5.268C7JK

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	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)	ALVW	ADJUSTED LOADED VEHICLE WGT COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
							OPT	96	TWZ	TZH		15.26	14.6	40	40			17.04	13.6	40	40
							OPT	96	TYT	TZH		15.26	14.6	40	40			17.04	13.6	40	40
A83L53	ELN	DGT	RW	Y 8500	F	6000	STD	96	TWT	TZH		15.26	14.6	40	45		7000	17.04	13.6	40	45
							OPT	96	TWZ	TZH		15.26	14.6	40	40			17.04	13.6	40	40
							OPT	96	TYT	TZH		15.26	14.6	40	40			17.04	13.6	40	40
BR2L62	ELN	DGT	RW	Y 7500	C	5500	STD	96	TWP	TZH		13.69	16.1	40	65		6500	16.13	14.1	40	65
							OPT	96	TYD	TZA		13.62	16.8	40	40			16.16	14.2	40	55
							OPT	96	TYH	TZA		13.49	16.3	40	40			16.20	13.3	40	55
							OPT	96	TYN	TZA		13.62	16.8	40	40			16.16	14.2	40	55
							OPT	96	TYP	TZA		13.49	16.3	40	40			16.20	13.3	40	55
BR2L62	ELN	DGT	RW	Y 7500	F	5500	STD	96	TWP	TZH		13.69	16.1	40	65		6500	16.13	14.1	40	65
							OPT	96	TYD	TZA		13.62	16.8	40	40			16.16	14.2	40	55
							OPT	96	TYH	TZA		13.49	16.3	40	40			16.20	13.3	40	55
							OPT	96	TYN	TZA		13.62	16.8	40	40			16.16	14.2	40	55
							OPT	96	TYP	TZA		13.49	16.3	40	40			16.20	13.3	40	55

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TK70 - 401 /

Report Date: 09/14/95
Time: 10:03:44

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	MFG	OPT	NAME	SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
96	TWP	TZH		LTX (A/S)	LT225/75R16-D	709	SBR	3-STEEL/2-POLYESTER	5	BSW	Polyester	2	None		13
96	TWT	TZH		XCH4 (A/S)	LT225/75R16-E	710	SBR	3-Steel/2-Polyester	5	BSW	Polyester	2	None		13
96	TWZ	TZH		LTX (A/S)	LT225/75R16-D	709	SBR	3-Steel/2-Polyester	5	BSW	Polyester	2	None		13
96	TYD	TZA		WRANGLER RT/S(A/S)	LT245/75R16-E	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None		14
96	TYH	TZA		WRANGLER (A/T)	LT245/75R16-E	679	SBR	2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None		16
96	TYN	TZA		WRANGLER RT/S (A/S)	LT245/75R16-E	683	SBR	2-Steel/2-POLYESTER	4	OWL	Polyester	2	None		14
96	TYP	TZA		WRANGLER (A/T)	LT245/75R16-E	679	SBR	2-STEEL/2-POLYESTER	4	OWL	Polyester	2	None		16
96	TYT	TZH		XCH4 (A/S)	LT245/75R16-E	680	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None		14

Report Date: 09/14/95
Time: 10:03:44

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR5.268C7JK
Evaporative Fam: TCR5000WYCBA

Certificate #:

Model ID	Car Line	California Sales
BR2L62	Ram 2500 Pickup 2WD	YES
AB3L12	Ram Van 3500 2WD	YES
AB3L13	Ram Van 3500 2WD	YES
AB3L52	Ram Wagon 3500 2WD	YES
AB3L53	Ram Wagon 3500 2WD	YES

Model Codes
BR 2 L 62

--- 1st digit:
3=Club Cab
6=Regular Cab

2nd digit:
1=119" or 139" wb
2=135" or 155" wb
3=139" wb Chassis Cab
4=163" wb Chassis Cab

------ Price Class
L=Covers all trim levels
C=Chassis Cab

-------- Model:
1=1500 6=1500 4X4
2=2500 7=2500 4X4
3=3500 8=3500 4X4

---------- Body Code:
Ram Pickup
Ram Club Cab
Ram Chassis Cab

Model Codes
AB 1 L 11

--- 1st digit:
1=Van
5=Wagon

2nd digit:
1=109.6" wb
2=127.6" wb
3=127.6" maxi wb

------ Price Class

-------- Model:
1=B1500
2=B2500
3=B3500

---------- Body Code:
Vans
Wagons