State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-365
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 Chrysler Corporation 1997 model-year exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: VCR239H8G1EK Displacement: 3.9 Liters (239 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
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:

Test 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
	120,000	0.46	6.4	0.98	n/a

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.19	2.3	0.6	9.2
	120,000	0.24	3.1	0.78	n/a

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 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 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 "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 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 27th day of June 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-365
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1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR239H8G1EK Evap Fam: VCR1073AYP0A
All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB975 ____
Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ ZEV ____; US EPA Tier-1 ____
Evap Std: 50K X Useful Life with R/L ____ In-Use Exh Std: Full In Use X Alt In Use ____
Veh Class(es): PC ____ LDT1 ____ LDT2 ____ MDV1 ____ MDV2 X 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 X Mfr ADP ____ Other (Specify) ____
NMOG Test Procedure: N/A X Std ____ Equiv ____ R/L Test Proce: SHED ____ Pt Source ____
Hybrid: Type A ____ B ____ C ____, APU Cycle (e.g., Otto, Diesel, Turbine) ____
Engine Configuration: V-6 Displacement: / 3.9 Liters / 239 Cubic Inches
Valves per Cylinder: 2 Rated HP: 180 @ 4800 RPM
Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT ____
Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, 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	AB1L11 AB1L12	A3	5000	S E E	56040042	--	52022025
(CA)	AB1L51 AB2L11 AB2L12		5250	A T T A C H M E N T			
	AB2L12 AB2L13		5500				
CA-300	BR1L61	A4	5000		56040048		52103174
(CA)	BR1L61 BR1L62		5250				
CM-200	BR1L61	M5	5000		56040044		
(CA)	BR1L61 BR1L62		5250				

* Test weights reflects ALVW.

Date Issued: 5/17/96
Revisions: ____

TF05-SDS/97

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

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR239H8G1EK Evap Fam: VCR1090AYP0A
All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB975 ____
Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ ZEV ____; US EPA Tier-1 ____
Evap Std: 50K X Useful Life with R/L ____ In-Use Exh Std: Full In Use X Alt In Use ____
Veh Class(es): PC ____ LDT1 ____ LDT2 ____ MDV1 ____ MDV2 X 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 X Mfr ADP ____ Other (Specify) ____
NMOG Test Procedure: N/A X Std ____ Equiv ____ R/L Test Proce: SHED ____ Pt Source ____
Hybrid: Type A ____ B ____ C ____, APU Cycle (e.g., Otto, Diesel, Turbine) ____
Engine Configuration: V-6 Displacement: / 3.9 Liters / 239 Cubic Inches
Valves per Cylinder: 2 Rated HP: 180 @ 4800 RPM
Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT ____
Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, 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-200 (CA)	AN1L61 AN1L62	A4	5000	SEE ATTACHMENT	56040131	--	52020296
CM-100 (CA)	AN1L61	M5	4750		56040130		
	AN1L62		5000				

* Test weight reflects ALVW.

Date Issued: 5/17/96
Revisions: ____

TF05-SDS/97

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR239H8G1EK
Evaporative Fam: VCR1090AYP0A

Certificate #:

Model ID	Car Line	California Sales
AN1L61	Dakota Pickup 2WD	YES
AN1L62	Dakota Pickup 2WD	YES

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Model Codes
AN 1 L  31
|  | |  |
|  | |  --- 1st digit:      2nd digit:
|  | |      3=Club Cab      1=119" or 130.9" wb
|  | |      6=Regular Cab   2=123.9" wb
|  | |
|  | ------ Price Class
|  |
|  -------- Model:
|           1=2 wheel drive
|           5=4 wheel drive
|
----------- Body Code:
            Dakota Pickup
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MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR239H8G1EK
Evaporative Fam: VCR1073AYPOA

Certificate #:

Model ID	Car Line	California Sales
BR1L61	Ram 1500 Pickup 2WD	YES
BR1L62	Ram 1500 Pickup 2WD	YES
AB1L12	Ram Van 1500 2WD	YES
AB1L11	Ram Van 1500 2WD	YES
AB2L12	Ram Van 2500 2WD	YES
AB2L13	Ram Van 2500 2WD	YES
AB2L11	Ram Van 2500 2WD	YES
AB1L51	Ram Wagon 1500 2WD	YES

Model Codes
BR 2 L 62

--- 1st digit: 2nd digit:
3=Club Cab 1=119" or 139" wb
6=Regular Cab 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: 2nd digit:
1=Van 1=109.6" wb
5=Wagon 2=127.6" wb
3=127.6" maxi wb

------ Price Class

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

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

1997
VCR239H8G1EK

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	TARGET A (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	B	C	SET A	B	C	ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
												LOADED VEHICLE WEIGHT				COLD CO ELECTRIC DYNO COEFFICIENTS						ADJUSTED LOADED VEHICLE WGT				
AB1L11	EHC	DGG	RW Y	6010	C	4500	STD	97	TSC	TZH		13.62	16.3	35	35							5000	14.95	15.4	35	35
							OPT	97	TSF	TZA		13.27	16.7	35	35								14.27	16.4	35	35
							OPT	97	TW9	TZA		12.87	15.1	35	35								13.50	14.2	35	35
AB1L12	EHC	DGG	RW Y	6010	C	4500	STD	97	TSC	TZH		13.62	16.3	35	35							5000	14.95	15.4	35	35
							OPT	97	TSF	TZA		13.27	16.7	35	35								14.27	16.4	35	35
							OPT	97	TW9	TZA		12.87	15.1	35	35								13.50	14.2	35	35
AB1L51	EHC	DGG	RW Y	6010	C	4750	STD	97	TSC	TZH		14.18	15.9	35	35							5250	15.50	15.1	35	35
							OPT	97	TSD	TZA		13.79	16.3	35	35								14.77	16.1	35	35
							OPT	97	TSD	TZH		14.18	15.9	35	35								15.50	15.1	35	35
							OPT	97	TSF	TZA		13.79	16.3	35	35								14.77	16.1	35	35
							OPT	97	TW9	TZA		13.38	14.2	35	35								13.99	13.5	35	35
AB2L11	EHC	DGG	RW Y	6400	C	4500	STD	97	TSC	TZH		13.62	16.3	35	35							5250	15.50	15.1	35	35
							OPT	97	TSD	TZA		13.27	16.7	35	35								14.77	16.1	35	35
							OPT	97	TSD	TZH		13.62	16.3	35	35								15.50	15.1	35	35
							OPT	97	TSF	TZA		13.27	16.7	35	35								14.77	16.1	35	35
							OPT	97	TW9	TZA		12.87	15.1	35	35								13.98	13.5	35	35
AB2L12	EHC	DGG	RW Y	6400	C	4500	STD	97	TSC	TZH		13.62	16.3	35	35							5250	15.50	15.1	35	35
							OPT	97	TSD	TZA		13.27	16.7	35	35								14.77	16.1	35	35
							OPT	97	TSD	TZH		13.62	16.3	35	35								15.50	15.1	35	35
							OPT	97	TSF	TZA		13.27	16.7	35	35								14.77	16.1	35	35
							OPT	97	TW9	TZA		12.87	15.1	35	35								13.98	13.5	35	35
AB2L12	EHC	DGG	RW Y	6800	C	4500	STD	97	TSC	TZH		13.62	16.3	35	35							5500	16.04	15.0	35	35
							OPT	97	TSD	TZA		13.27	16.7	35	35								15.26	16.0	35	35
							OPT	97	TSD	TZH		13.62	16.3	35	35								16.04	15.0	35	35
							OPT	97	TSF	TZA		13.27	16.7	35	35								15.26	16.0	35	35
							OPT	97	TW9	TZA		12.87	15.1	35	35								14.47	13.1	35	35
AB2L13	EHC	DGG	RW Y	6400	C	4750	STD	97	TSC	TZH		14.18	15.9	35	35							5500	16.04	15.0	35	35
							OPT	97	TSD	TZA		13.79	16.3	35	35								15.26	16.0	35	35
							OPT	97	TSD	TZH		14.18	15.9	35	35								16.04	15.0	35	35
							OPT	97	TSF	TZA		13.79	16.3	35	35								15.26	16.0	35	35
							OPT	97	TW9	TZA		13.38	14.2	35	35								14.47	13.1	35	35
AN1L61	EHC	DDQ	RA Y	6130	C	3875	STD	97	TS1	TZA		13.02	14.1	35	35							4750	15.06	12.5	35	35
AN1L61	EHC	DGK	RW Y	6130	C	4000	STD	97	TS1	TZA		12.50	14.7	35	35							5000	14.81	12.9	35	35
AN1L62	EHC	DDQ	RA Y	6230	C	4000	STD	97	TS1	TZA		13.31	14.4	35	35							5000	15.69	12.8	35	35
AN1L62	EHC	DGK	RW Y	6230	C	4000	STD	97	TS1	TZA		12.50	14.7	35	35							5000	14.81	12.9	35	35
BR1L61	EHC	DDC	RW Y	6010	C	4500	STD	97	TRW	TZA		14.80	14.7	35	35							5000	16.04	14.0	35	35
							OPT	97	TRY	TZA		14.80	14.9	35	35								15.99	14.2	35	35
							OPT	97	TYF	TZA		14.91	15.0	35	35								16.04	14.4	35	35
							OPT	97	TYG	TZA		14.58	15.4	35	35								15.74	14.8	35	35
							OPT	97	TYK	TZA		14.46	15.6	35	35								15.74	14.5	35	35
BR1L61	EHC	DDC	RW Y	6400	C	4500	STD	97	TRY	TZA		14.80	14.9	35	35							5250	16.73	14.4	35	35
							OPT	97	TYF	TZA		14.91	15.0	35	35								16.79	14.6	35	35
							OPT	97	TYG	TZA		14.58	15.4	35	35								16.46	15.0	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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Report Date: 05/20/96
Time: 13:23:44

1997
VCR239H8G1EK

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 (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
							OPT	97	TYK	TZA		14.46	15.6	35	35								16.46	14.7	35	35
BR1L61	EHC	DGK	RW Y	6010	C	4500	STD	97	TRW	TZA		14.08	14.8	35	35							5000	15.29	14.0	35	35
							OPT	97	TRY	TZA		14.08	15.0	35	35								15.25	14.1	35	35
							OPT	97	TYF	TZA		14.18	15.1	35	35								15.29	14.3	35	35
							OPT	97	TYG	TZA		13.89	15.5	35	35								15.01	14.8	35	35
							OPT	97	TYK	TZA		13.78	15.7	35	35								15.02	14.4	35	35
BR1L61	EHC	DGK	RW Y	6400	C	4500	STD	97	TRY	TZA		14.08	15.0	35	35							5250	15.96	14.4	35	35
							OPT	97	TYF	TZA		14.18	15.1	35	35								16.01	14.6	35	35
							OPT	97	TYG	TZA		13.89	15.5	35	35								15.72	15.0	35	35
							OPT	97	TYK	TZA		13.78	15.7	35	35				26.63	-1.1891	0.0552		15.72	14.7	35	35
BR1L62	EHC	DDC	RW Y	6010	C	4750	STD	97	TRW	TZA		15.42	14.9	35	35							5250	16.78	14.3	35	35
							OPT	97	TRY	TZA		15.39	15.1	35	35								16.73	14.4	35	35
							OPT	97	TYF	TZA		15.54	15.2	35	35								16.79	14.6	35	35
							OPT	97	TYG	TZA		15.20	15.5	35	35								16.46	15.0	35	35
							OPT	97	TYK	TZA		15.08	15.8	35	35								16.46	14.7	35	35
BR1L62	EHC	DDC	RW Y	6400	C	4750	STD	97	TRY	TZA		15.39	15.1	35	35							5250	16.73	14.4	35	35
							OPT	97	TYF	TZA		15.54	15.2	35	35								16.79	14.6	35	35
							OPT	97	TYG	TZA		15.20	15.5	35	35								16.46	15.0	35	35
							OPT	97	TYK	TZA		15.08	15.8	35	35								16.46	14.7	35	35
BR1L62	EHC	DGK	RW Y	6010	C	4500	STD	97	TRW	TZA		14.08	14.8	35	35							5250	16.00	14.3	35	35
							OPT	97	TRY	TZA		14.08	15.0	35	35								15.96	14.4	35	35
							OPT	97	TYF	TZA		14.18	15.1	35	35								16.01	14.6	35	35
							OPT	97	TYG	TZA		13.89	15.5	35	35								15.72	15.0	35	35
							OPT	97	TYK	TZA		13.78	15.7	35	35								15.72	14.7	35	35
BR1L62	EHC	DGK	RW Y	6400	C	4500	STD	97	TRY	TZA		14.08	15.0	35	35							5250	15.96	14.4	35	35
							OPT	97	TYF	TZA		14.18	15.1	35	35								16.01	14.6	35	35
							OPT	97	TYG	TZA		13.89	15.5	35	35								15.72	15.0	35	35
							OPT	97	TYK	TZA		13.78	15.7	35	35								15.72	14.7	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Report Date: 05/20/96
Time: 13:23:44

1997
VCR239H8G1EK

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
97	TRW	TZA		WRANGLER AP (A/S)	P225/75R16	713	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
97	TRY	TZA		WRANGLER AP (A/S)	P225/75R16-XL	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
97	TS1	TZA		WRANGLER RTS (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TSC	TZH		XW4 (A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10
97	TSD	TZA		INVICTA-GL (A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	WSW	Polyester	2	Nylon	1	10
97	TSD	TZH		XW4 (A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	WSW	Polyester	2	None	0	10
97	TSF	TZA		INVICTA-GL (A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10
97	TW9	TZA		WRANGLER AT (A/S)	LT235/75R15-D	718	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TYF	TZA		WRANGLER AP (A/S)	P245/75R16	687	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	12
97	TYG	TZA		WRANGLER AP (A/S)	P245/75R16	687	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	12
97	TYK	TZA		WRANGLER RT/S(A/S)	LT245/75R16-C	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14

Report Date: 05/20/96
Time: 13:23:44