

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:

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

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

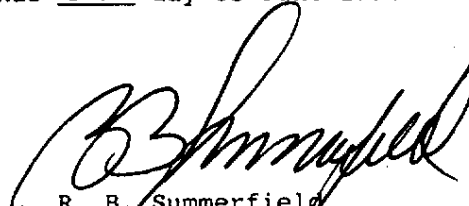
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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

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 (CA)	AB1L11 AB1L12	A3	5000	S E E A T T A C H M E N T	56040042	--	52022025
	AB1L51 AB2L11 AB2L12		5250				
	AB2L12 AB2L13		5500				
CA-300 (CA)	BR1L61	A4	5000		56040048	52103174	
	BR1L61 BR1L62		5250				
CM-200 (CA)	BR1L61	M5	5000		56040044		
	BR1L61 BR1L62		5250				

* Test weights reflects ALW.

Date Issued: 5/17/96

Revisions: _____

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR239H8G1EK Evap Fam: VCR1090AYPOA
 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 Equip 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	S E E	56040131	--	52020296
CM-100 (CA)	AN1L61 AN1L62	M5	4750 5000	A T T A C H M E N T	56040130		

* Test weight reflects ALW.

Date Issued: 5/17/96

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER Engine Family: VCR239HG1EK Certificate #:
Evaporative Fam: VCR1090AYP0A

Model ID	Car Line	California
AN1L81	Dakota Pickup 2WD	Sales
AN1L82	Dakota Pickup 2WD	YES
		YES

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	

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR239H8G1EK
Evaporative Fam: VCR1073AYPDA

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:
3-Club Cab
6-Regular Cab
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

Attachment to SDS, Pg. 1 of 5
for Executive Order A-9-364

Chrysler Corporation
Family Tire Usage

1997
VCR239H81EK

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	TIRE DESCRIPTION	COAST	*DYNO	TIRE	TARGET A	COLD CO	ELECTRIC	DYNO	COEFFICIENTS	ALVW	COAST	*DYNO	TIRE			
			C	GYW	TYPE	USE	YR	COO	WFG	OPT	TIME	HP	F	R	DOWN	TIME	HP	F	R	
(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																				
AB1L11	EMC	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	EMC	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	EMC	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	TSO	TZA	13.79	16.3	35	35		14.77	16.1	35	35
								OPT	97	TSO	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	EMC	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	TSO	TZA	13.27	16.7	35	35		14.77	16.1	35	35
								OPT	97	TSO	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		13.99	13.5	35	35
AB2L12	EMC	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	TSO	TZA	13.27	16.7	35	35		14.77	16.1	35	35
								OPT	97	TSO	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		13.99	13.5	35	35
AB2L12	EMC	DGG	RW	Y	8800	C	4500	STD	97	TSC	TZH	13.62	16.3	35	35	5500	16.04	15.0	35	35
								OPT	97	TSO	TZA	13.27	16.7	35	35		15.26	16.0	35	35
								OPT	97	TSO	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	EMC	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	TSO	TZA	13.79	16.3	35	35		15.26	16.0	35	35
								OPT	97	TSO	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
AM1L61	EMC	DDQ	RA	Y	6130	C	3875	STD	97	TS1	TZA	13.02	14.1	35	35	4750	15.06	12.5	35	35
								AM1L61	EMC	DGK	RW	Y	6130	C	4000	5000	14.81	12.9	35	35
								AM1L62	EMC	DDQ	RA	Y	6230	C	4000	5000	15.89	12.8	35	35
								AM1L62	EMC	DGK	RW	Y	6230	C	4000	5000	14.81	12.9	35	35
								BR1L61	EMC	DDC	RW	Y	6010	C	4500	5000	16.04	14.0	35	35
								OPT	97	TRY	TZA	14.80	14.7	35	35		15.99	14.2	35	35
								OPT	97	TYF	TZA	14.80	14.9	35	35		16.04	14.4	35	35
								OPT	97	TYG	TZA	14.91	15.0	35	35		15.74	14.8	35	35
								OPT	97	TYK	TZA	14.58	15.4	35	35		15.74	14.5	35	35
								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

/ 10. - TF05 - 400 /

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

Attachment to SDS, Pg. 2 of 5
for Executive Order A-9-365

Chrysler Corporation
Family Tire Usage

1987
YCR239H8G1EK

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	TYRE	DESCRIPTION	USE YR	COD	MFG	OPT	COAST	TIRE			COLD CO ELECTRIC DYNO COEFFICIENTS			ALWV	COAST	TIRE		
												DOWN	"DYNO	PRES	TARGET A	B	C			SET A	B	C
											TIME	HP	F	R	F	R	F	R	TIME	HP	F	R
BR1L61	ENC	DGK	RW	Y	6010	C	4500				14.46	15.8	35	35	16.46	14.7	35	35	16.46	14.7	35	35
											14.08	14.8	35	35	15.29	14.0	35	35	15.29	14.0	35	35
											14.08	15.0	35	35	15.25	14.1	35	35	15.25	14.1	35	35
											14.18	15.1	35	35	15.29	14.3	35	35	15.29	14.3	35	35
											13.88	15.5	35	35	15.01	14.8	35	35	15.01	14.8	35	35
											13.78	15.7	35	35	15.02	14.4	35	35	15.02	14.4	35	35
BR1L61	ENC	DGK	RW	Y	6400	C	4500				14.08	15.0	35	35	15.96	14.4	35	35	15.96	14.4	35	35
											14.18	15.1	35	35	16.01	14.8	35	35	16.01	14.8	35	35
											13.88	15.5	35	35	15.72	15.0	35	35	15.72	15.0	35	35
											13.78	15.7	35	35	16.01	14.8	35	35	16.01	14.8	35	35
											13.78	15.7	35	35	15.72	14.7	35	35	15.72	14.7	35	35
											15.42	14.8	35	35	26.63	-1.1891	0.0552		15.72	15.0	35	35
BR1L62	ENC	DDC	RW	Y	6010	C	4750				15.39	15.1	35	35	16.78	14.3	35	35	16.78	14.3	35	35
											15.39	15.1	35	35	18.73	14.4	35	35	18.73	14.4	35	35
											15.54	15.2	35	35	16.78	14.6	35	35	16.78	14.6	35	35
											15.54	15.2	35	35	16.46	15.0	35	35	16.46	15.0	35	35
											15.20	15.5	35	35	16.46	15.0	35	35	16.46	15.0	35	35
											15.08	15.8	35	35	16.46	14.7	35	35	16.46	14.7	35	35
BR1L62	ENC	DDC	RW	Y	6400	C	4750				15.39	15.1	35	35	18.73	14.4	35	35	18.73	14.4	35	35
											15.54	15.2	35	35	18.79	14.8	35	35	18.79	14.8	35	35
											15.20	15.5	35	35	16.48	15.0	35	35	16.48	15.0	35	35
											15.08	15.8	35	35	16.48	14.7	35	35	16.48	14.7	35	35
											14.08	14.8	35	35	16.00	14.3	35	35	16.00	14.3	35	35
											14.08	15.0	35	35	15.96	14.4	35	35	15.96	14.4	35	35
											14.18	15.1	35	35	18.01	14.6	35	35	18.01	14.6	35	35
											13.88	15.5	35	35	15.72	15.0	35	35	15.72	15.0	35	35
											13.78	15.7	35	35	15.72	14.7	35	35	15.72	14.7	35	35
BR1L62	ENC	DGK	RW	Y	6400	C	4500				14.08	15.0	35	35	15.96	14.4	35	35	15.96	14.4	35	35
											14.18	15.1	35	35	16.01	14.8	35	35	16.01	14.8	35	35
											13.88	15.5	35	35	15.72	15.0	35	35	15.72	15.0	35	35
											13.78	15.7	35	35	15.72	14.7	35	35	15.72	14.7	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TFO5 - 401 /

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

Chrysler Corporation
FAMILY TIRE DESCRIPTION

1987
YCR239HG1EK

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	COD	TREAD MATERIAL	CONSTRUCTION	P		L		SIDEWALL MATERIAL	P OVERLAY		TREAD DEPTH		
						Y	SW	Y	SW		Y	MATERIAL	Y	X	Y
97 TRW TZA	WRANGLER AP (A/S)														
97 TRY TZA	WRANGLER AP (A/S)														
97 TSI TZA	WRANGLER RTS (A/T)														
97 TSC TZH	XW4														
97 TSD TZA	INVICTA-GL (A/S)														
97 TSD TZH	XW4														
97 TSF TZA	INVICTA-GL (A/S)														
97 TW9 TZA	WRANGLER AT (A/S)														
97 TYF TZA	WRANGLER AP (A/S)														
97 TYG TZA	WRANGLER AP (A/S)														
97 TYK TZA	WRANGLER RT/S(A/S)														

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

/ 10 - TF05 - 402 /