

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-364
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: VCR23928G1EK Displacement: 3.9 Liters (239 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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	0.18	2.0	0.2	6.1
	100,000	0.21	2.5	0.25	n/a

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 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 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 27th day of June 1996.

A handwritten signature in dark ink, appearing to read "R. B. Summerfield", written in a cursive style.

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

E.O. # A-9-364
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Manufacturer: Chrysler Corporation Exh Eng Fam: VCR23928G1EK Evap Fam: VCR1090AYP0A
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
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 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 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 X
Exhaust ECS (eg., EGR, MFI, TC, CAC): H02S(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)	AN1L61 AN1L62 AN1L31	A4	3875 4250	S E E A T T A C H M E N T	56040131	--	52020296
CA-200 (CA)	AN5L61 AN5L62 AN5L31		4250 4500			--	52020321 52103076
CM-100 (CA)	AN1L61 AN1L62 AN1L31	M5	3875 4000		56040130	--	52020296
CM-200 (CA)	AN5L61 AN5L62 AN5L31		4250 4500			--	52020321 52103076

Date Issued: 5/10/96

Revisions:

TF03-SDS/97

ATTACHMENT TO SDS Pg. 4 OF 4 OF EXECUTIVE ORDER A-9-364

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR23928Q1EK
Evaporative Fam: VCR109DAYPOA

Certificate #:

Model ID	Car Line	California Sales
AN1L31	Dakota Pickup 2WD	YES
AN1L61	Dakota Pickup 2WD	YES
AN1L62	Dakota Pickup 2WD	YES
AN5L31	Dakota Pickup 4WD	YES
AN5L61	Dakota Pickup 4WD	YES
AN5L62	Dakota Pickup 4WD	YES

Model Codes

AN 1 L 31

1st digit: 2nd digit:
3=Club Cab 1=118" 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

**Chrysler Corporation
Family Tire Usage**

ATTACHMENT TO SDS Pg. 1 OF 4
OF EXECUTIVE ORDER A-9-364

LOADED VEHICLE WEIGHT

ADJUSTED LOADED VEHICLE WGT

MODEL	ENG TRANS	A	MKT	TIRE DESCRIPTION USE YR COD MFG OPT LNW	COAST DOWN TIME	*DYNO PRES HP F R	TIRE PRES F R
AN1L31	EHC DDQ RA Y 5160	C	4000	STD 97 TMD TZA	14.39	13.4	35 35
				OPT 97 TME TZA	14.38	13.4	35 35
				OPT 97 TPF TZA	14.16	14.1	35 35
				OPT 97 TS1 TZA	13.31	14.4	35 35
				OPT 97 TSH TZA	12.99	14.4	35 35
AN1L31	EHC DGK RW Y 5160	C	4250	STD 97 TMD TZA	14.08	13.5	35 35
				OPT 97 TME TZA	14.08	13.5	35 35
				OPT 97 TPF TZA	13.88	14.2	35 35
				OPT 97 TS1 TZA	13.10	14.4	35 35
				OPT 97 TSH TZA	12.80	14.4	35 35
AN1L61	EHC DDQ RA Y 4700	C	3875	STD 97 TMD TZA	14.07	13.2	35 35
				OPT 97 TME TZA	14.07	13.2	35 35
				OPT 97 TPF TZA	13.85	13.8	35 35
				OPT 97 TS1 TZA	13.02	14.1	35 35
				OPT 97 TSH TZA	12.71	14.1	35 35
AN1L61	EHC DGK RW Y 4700	C	3875	STD 97 TMD TZA	13.14	13.4	35 35
				OPT 97 TME TZA	13.14	13.4	35 35
				OPT 97 TPF TZA	12.85	14.1	35 35
				OPT 97 TS1 TZA	12.22	14.3	35 35
				OPT 97 TSH TZA	11.94	14.3	35 35
AN1L62	EHC DDQ RA Y 4780	C	3875	STD 97 TMD TZA	14.07	13.2	35 35
				OPT 97 TME TZA	14.07	13.2	35 35
				OPT 97 TPF TZA	13.85	13.8	35 35
				OPT 97 TS1 TZA	13.02	14.1	35 35
				OPT 97 TSH TZA	12.71	14.1	35 35
AN1L62	EHC DGK RW Y 4780	C	3875	STD 97 TMD TZA	13.14	13.4	35 35
				OPT 97 TME TZA	13.14	13.4	35 35
				OPT 97 TPF TZA	12.85	14.1	35 35
				OPT 97 TS1 TZA	12.22	14.3	35 35
				OPT 97 TSH TZA	11.94	14.3	35 35
AN5L31	EHC DDQ 4A Y 5480	C	4500	STD 97 TMD TZA	14.20	15.5	35 35
				OPT 97 TS1 TZA	13.67	15.8	35 35
				OPT 97 TS2 TZA	13.67	15.8	35 35
				OPT 97 TUT TZA	13.16	16.1	35 35
AN5L31	EHC DGK 4W Y 5480	C	4500	STD 97 TMD TZA	13.40	15.7	35 35
				OPT 97 TS1 TZA	12.93	16.0	35 35
				OPT 97 TS2 TZA	12.93	16.0	35 35
				OPT 97 TUT TZA	12.47	16.4	35 35
AN5L61	EHC DDQ 4A Y 5200	C	4250	STD 97 TMD TZA	13.52	15.6	35 35
				OPT 97 TPF TZA	13.63	15.8	35 35
				OPT 97 TS1 TZA	13.02	15.9	35 35
				OPT 97 TS2 TZA	13.02	15.9	35 35
				OPT 97 TUT TZA	12.53	16.3	35 35

51.42 -1.2438 0.05366

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TF03 - 400 /

Report Date: 05/10/96
Time: 10:21:40

1987
VCR23928G1EK

Chrysler Corporation
Family Tire Usage

ATTACHMENT TO SDS Pg. 2 OF 4
OF EXECUTIVE ORDER A-9-364

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT												
MODEL	ENG	TRANS	A	C	GVW	TYPE	LVW	MKT	TIRE DESCRIPTION USE YR COD MFG OPT	COAST		*DYNO		TIRE		COLD CO ELECTRIC DYNO COEFFICIENTS			COAST		TIRE	
										DOWN	TIME	HP	F	R	TARGET A	B	C	SET A	B	C	DOWN	TIME
(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																						
AN5L61	EHG	DGK	4W	Y	5200	C	4250		STD 97 TMD TZA	12.72	15.8	35	35									
									OPT 97 TPF TZA	12.90	15.7	35	35									
									OPT 97 TS1 TZA	12.27	16.0	35	35									
									OPT 97 TS2 TZA	12.27	16.0	35	35									
									OPT 97 TUT TZA	11.84	16.4	35	35									
AN5L62	EHG	DDG	4A	Y	5280	C	4250		STD 97 TMD TZA	13.52	15.6	35	35									
									OPT 97 TPF TZA	13.63	15.8	35	35									
									OPT 97 TS1 TZA	13.02	15.9	35	35									
									OPT 97 TS2 TZA	13.02	15.9	35	35									
									OPT 97 TUT TZA	12.53	16.3	35	35									
AN5L62	EHG	DGK	4W	Y	5280	C	4250		STD 97 TMD TZA	12.72	15.6	35	35									
									OPT 97 TPF TZA	12.90	15.7	35	35									
									OPT 97 TS1 TZA	12.27	16.0	35	35									
									OPT 97 TS2 TZA	12.27	16.0	35	35									
									OPT 97 TUT TZA	11.84	16.4	35	35									

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TF03 - 401 /

Report Date: 05/10/98
Time: 10:21:40

Chrysler Corporation
FAMILY TIRE DESCRIPTION

ATTACHMENT TO SDS Pg. 3 OF 4
OF EXECUTIVE ORDER A-9-364

TIRE DESCRIPTION		SIZE		RPM	CONSTRUCTION	P		P		TREAD DEPTH						
YR	COD	MFG	OPT	NAME		Y	SW	SIDEWALL	MATERIAL	L	OVERLAY	P	L	X	Y	1/32
87	TMD	TZA		INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10	
87	TME	TZA		INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10	
87	TFE	TZA		INVICTA GL (A/S)	P205/75R15	770	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10	
87	TS1	TZA		WRANGLER RTS (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13	
87	T2	TZA		WRANGLER RT/S (A/T)	P235/75R15-XL	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13	
87	TSH	TZA		EAGLE LS (A/S)	P235/70R15	746	SBR	2-Steel/2-Polyester	4	OWL	Polyester	0	None	0	10	
87	TUT	TZA		WRANGLER GSA (A/T)	31X10.5R15LY	684	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13	

/ 10. - TF03 - 402 /

Report Date: 05/10/96
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