File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-359-A
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: VCR36028G1EK Displacement: 5.2 Liters (318 Cubic Inches)
5.9 Liters (360 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:

Loaded Vehicle 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
	100,000	0.40	5.5	0.97	n/a

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

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.21	2.8	0.2	7.7
	100,000	0.22	3.2	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 2nd day of July 1996.

Raphael Susnowitz

for R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-359-A

Page 1 of 1

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

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR36028G1EK Evap Fam: VCR1073AYP0B(5.9L ZJ) / VCR1090AYP0B (5.2L AN)

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 X

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) Otto

Engine Configuration: V-8 Displacement: 5.2/5.9 Liters 318/360 Cubic Inches

Valves per Cylinder: 2 Rated HP: 215/230 @ 4000 RPM

Engine: Front X Mid___ Rear___ Drive: FWD___ RWD___ 4WD-FT___ 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, SFI, 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-500 (CA)	ZJJL74	A4	4500	SEE ATTACHMENT	56028097		52019482
CM-100	AN1L61 AN1L62	M5	4000		56040132		52019300
	AN1L31		4250				
CM-200	AN5L61 AN5L62		4000				52019325 52103077
	AN5L31		4250				

Date Issued: 5/15/96

Revisions: ___

TG03-SDS/97

1997
VCR36028G1EK

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg 1 of 6
of Executive Order A-9-359-A

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
AN1L31	ELF	DDC	RW Y	5330	C	4250	STD	97	TMD	TZA		14.89	13.5	35	35											
							OPT	97	TME	TZA		14.89	13.5	35	35											
							OPT	97	TPF	TZA		14.67	14.2	35	35											
							OPT	97	TS1	TZA		13.79	14.5	35	35											
							OPT	97	TSH	TZA		13.45	14.4	35	35											
AN1L31	ELF	DGI	RW Y	5330	C	4250	STD	97	TMD	TZA		13.98	13.7	35	35											
							OPT	97	TME	TZA		13.98	13.7	35	35											
							OPT	97	TPF	TZA		13.76	14.4	35	35											
							OPT	97	TS1	TZA		12.99	14.7	35	35											
							OPT	97	TSH	TZA		12.70	14.7	35	35											
AN1L31	ELF	DGW	RW Y	5330	C	4250	STD	97	TMD	TZA		14.09	13.5	35	35											
							OPT	97	TME	TZA		14.09	13.5	35	35											
							OPT	97	TS1	TZA		13.10	14.4	35	35											
							OPT	97	TSH	TZA		12.80	14.4	35	35											
AN1L61	ELF	DDC	RW Y	4620	C	4000	STD	97	TMD	TZA		14.39	13.4	35	35											
							OPT	97	TME	TZA		14.39	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											
AN1L61	ELF	DGI	RW Y	4620	C	4000	STD	97	TMD	TZA		13.22	13.8	35	35											
							OPT	97	TME	TZA		13.22	13.8	35	35											
							OPT	97	TPF	TZA		13.03	14.5	35	35											
							OPT	97	TS1	TZA		12.31	14.8	35	35											
							OPT	97	TSH	TZA		12.03	14.8	35	35											
AN1L61	ELF	DGW	RW Y	4620	C	4000	STD	97	TMD	TZA		13.45	13.7	35	35											
							OPT	97	TME	TZA		13.45	13.7	35	35											
							OPT	97	TS1	TZA		12.50	14.7	35	35											
							OPT	97	TSH	TZA		12.22	14.7	35	35											
AN1L82	ELF	DDC	RW Y	4900	C	4000	STD	97	TMD	TZA		14.39	13.4	35	35											
							OPT	97	TME	TZA		14.39	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											
AN1L82	ELF	DGI	RW Y	4900	C	4000	STD	97	TMD	TZA		13.22	13.8	35	35											
							OPT	97	TME	TZA		13.22	13.8	35	35											
							OPT	97	TPF	TZA		13.03	14.5	35	35											
							OPT	97	TS1	TZA		12.31	14.8	35	35											
							OPT	97	TSH	TZA		12.03	14.8	35	35											
AN1L82	ELF	DGW	RW Y	4900	C	4000	STD	97	TMD	TZA		13.45	13.7	35	35											
							OPT	97	TME	TZA		13.45	13.7	35	35											
							OPT	97	TS1	TZA		12.50	14.7	35	35											
							OPT	97	TSH	TZA		12.22	14.7	35	35											
AN5L31	ELF	DDC	4W Y	5590	C	4500	STD	97	TMD	TZA		14.20	15.5	35	35											

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TG03 - 400 /

Report Date: 05/01/96
Time: 14:56:55

1997
YCR380Z801EK

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg 2 of 6
of Executive Order A-9-359-A

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 (LINE 1 IS 20 DEG	A	B	C	COLD CO ELECTRIC DYNO COEFFICIENTS: SET (LINE 2 IS 50 DEG COEFFS,	A	B	C	WHEN NEEDED)	ADJUSTED LOADED VEHICLE WGT: ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
							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														
AR5L31	ELF	DGT	4W	Y	5590	C	4500	STD	97	TMD	TZA		13.21	15.7	35	35													
							OPT	97	TS1	TZA		12.75	16.1	35	35														
							OPT	97	TS2	TZA		12.75	16.1	35	35														
							OPT	97	TUT	TZA		12.31	16.5	35	35						45.20	-1.6105	0.08041						
AN5L31	ELF	DGW	4W	Y	5590	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														
AN5L81	ELF	DDC	4W	Y	5350	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														
AN5L81	ELF	DGT	4W	Y	5350	C	4250	STD	97	TMD	TZA		12.54	15.7	35	35													
							OPT	97	TPF	TZA		12.63	16.0	35	35														
							OPT	97	TS1	TZA		12.10	16.0	35	35														
							OPT	97	TS2	TZA		12.10	16.0	35	35														
							OPT	97	TUT	TZA		11.68	16.4	35	35														
AN5L81	ELF	DGW	4W	Y	5350	C	4250	STD	97	TMD	TZA		12.72	15.6	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														
AN5L82	ELF	DDC	4W	Y	5400	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														
AN5L82	ELF	DGT	4W	Y	5400	C	4500	STD	97	TMD	TZA		13.21	15.7	35	35													
							OPT	97	TPF	TZA		13.31	16.0	35	35														
							OPT	97	TS1	TZA		12.75	16.1	35	35														
							OPT	97	TS2	TZA		12.75	16.1	35	35														
							OPT	97	TUT	TZA		12.31	16.5	35	35														
AN5L82	ELF	DGW	4W	Y	5400	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														
ZJJL74	ELF	DGW	4W	Y	5500	C	4500	STD	97	TMG	TZA		14.19	13.8	36	36													
							OPT	97	TRD	TZA		13.57	13.6	36	36														
							OPT	97	TRH	TZA		13.46	14.3	36	36														
							OPT	97	TRN	TZA		13.59	13.5	36	36														

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TQ03 - 401 /

Report Date: 05/01/98
Time: 14:56:55

Attachment to SDS pg 3 of 6
of Executive Order A-9-359-A

1997
VCR36025Q1EK

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	TIRE PRES R	COLO 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	TIRE PRES R
							OPT	97	IRT	TZA		13.78	13.8	36	36											
							OPT	97	TYR	TZA		13.71	12.9	36	36											
ZJJL74	ENL	DQW	4W	Y	5500	C	STD	97	TMB	TZA		14.19	13.6	36	36											
							OPT	97	TRD	TZA		13.57	13.6	36	36											
							OPT	97	TRH	TZA		13.46	14.3	36	36											
							OPT	97	TRN	TZA		13.59	13.5	36	36											
							OPT	97	TRT	TZA		13.78	13.8	36	36											
							OPT	97	TYR	TZA		13.71	12.9	36	36											
ZJTL74	ELF	DQW	RW	Y	5150	C	STD	97	TMB	TZA		13.65	13.5	36	36											
							OPT	97	TRD	TZA		13.09	13.5	36	36											
							OPT	97	TRH	TZA		13.98	14.1	36	36											
							OPT	97	TRN	TZA		13.11	13.4	36	36											
							OPT	97	TRT	TZA		13.28	13.7	36	36											
							OPT	97	TYR	TZA		13.22	12.8	36	36											

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TQ03 - 402 /

Report Date: 05/01/96
Time: 14:56:55

1997
VCR38D28G1EK

Chrysler Corporation
FAMILY TIRE DESCRIPTION

Attachment to SDS pg 4 of 6
of Executive Order A-9-359-A

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	TMB	TZA		WRANGLER AP (A/S)	P215/75R15	752	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10
97	TMD	TZA		INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10
97	TME	TZA		INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10
97	TPF	TZA		INVICTA GL (A/S)	P205/75R15	770	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10
97	TRD	TZA		WRANGLER HP (W/S)	P225/70R16	730	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10
97	TRH	TZA		EAGLE LS (A/S)	P225/70R16	734	SBR	2-Steel/2-Polyester]	4	OWL	Polyester	2	None	0	10
97	TRN	TZA		WRANGLER GSA (A/T)	P225/75R15	734	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13
97	TRT	TZA		WRANGLER AP (A/S)	P225/75R15	735	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10
97	TS1	TZA		WRANGLER RTS (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TS2	TZA		WRANGLER RT/S (A/T)	P235/75R15-XL	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TSH	TZA		EAGLE LS (A/S)	P235/70R15	746	SBR	2-Steel/2-Polyester	4	OWL	Polyester	0	None	0	10
97	TUT	TZA		WRANGLER GSA (A/T)	31X10.5R15LT	684	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13
97	TYR	TZA		WRANGLER GSA (A/T)	P245/70R15	728	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13

/ 10. - TG03 - 403 /

Report Date: 05/01/96
Time: 14:56:55

Attachment to SDS pg 5 of 6
of Executive Order A-9-359-A

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR360Z8G1EK
Evaporative Fam: VCR1073AYP08

Certificate #:

Model ID	Car Line	California Sales
ZJJL74	Grand Cherokee 4WD	YES

Model Codes
XJ J L 74

- 74 — Body Style
  - 72=2 door
  - 74=4 door
  - 77=open
- L — Trim Level
  - L=Covers all trim levels
- J — Steering and Drive Line
  - R=Right Hand Steering, 2 wd-rear
  - U=Right Hand Steering, 4 wd
  - J=Left Hand Steering, 4 wd
  - T=Left Hand Steering, 2 wd-rear
- XJ — Car Line
  - XJ=Cherokee
  - YJ=Wrangler
  - ZJ=Grand Cherokee

Attachment to SDS pg 6 of 6
of Executive Order A-9-359-A

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCR35028G1EK
Evaporative Fam: YCR1090AYPOB

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:
3=Club Cab
8=Reguler Cab

2nd digit:
1=119" or 130.9" wb
2=123.9" wb

Price Class

Model:
1=2 wheel drive
5=4 wheel drive

Body Code:
Dakota Pickup