State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-359-B
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)

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 running loss and useful life standards applicable to 1995 and subsequent 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 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-B

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: VCR1098AYP1B
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 Useful Life with R/L X 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 X
Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine) Otto
Engine Configuration: V-8 Displacement: 5.2/ Liters 318/ Cubic Inches
Valves per Cylinder: 2 Rated HP: 215/ @ 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-300 (CA)	ZJJL74	A4	4500	SEE ATTACHMENT	56041289		52019482
CA-400 (CA)	ZJTL74	A4	4250		56041289		52019482

Date Issued: 5/15/96
Revisions:

TG03-SDS/97

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR36Q2BQ1EK
Evaporative Fam: VCR1Q98AYP1B

Certificate #:

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

Model ID	Car Line	California Sales
ZJTL74	Grand Cherokee 2WD	YES
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
  - B=Right Hand Steering, 2 wd-rear
  - U=Right Hand Steering, 4 wd
  - J=Left Hand Steering, 4 wd
  - I=Left Hand Steering, 2 wd-rear
- XJ — Car Line
  - XJ=Cherokee
  - YJ=Wrangler
  - ZJ=Grand Cherokee

1997
YCR360Z8G1EK

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg 1 of 5
of Executive Order A-9-359-B

MODEL	ENG	TRANS	A/C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT: COAST DOWN TIME	LOADED VEHICLE WEIGHT: *DYNO HP	LOADED VEHICLE WEIGHT: TIRE PRES F	LOADED VEHICLE WEIGHT: TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED): TARGET A	TARGET B	TARGET C	SET A	SET B	SET C	ADJUSTED LOADED VEHICLE WGT: ALVW	ADJUSTED LOADED VEHICLE WGT: COAST DOWN TIME	ADJUSTED LOADED VEHICLE WGT: *DYNO HP	ADJUSTED LOADED VEHICLE WGT: TIRE PRES F	ADJUSTED LOADED VEHICLE WGT: TIRE PRES R
AN1L31	ELF	0DC	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	0GT	RW	Y 5330	C	4250	STD	97	TMD	TZA		13.96	13.7	35	35										
							OPT	97	TME	TZA		13.96	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	0GW	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	0DC	RW	Y 4820	C	4000	STD	97	TMD	TZA		14.38	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										
AN1L61	ELF	0GT	RW	Y 4820	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	0GW	RW	Y 4820	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										
AN1L62	ELF	0DC	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										
AN1L62	ELF	0GT	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										
AN1L62	ELF	0GW	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	0DC	4W	Y 5590	C	4500	STD	97	TMD	TZA		14.20	16.5	35	35										

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TG03 - 400 /

Report Date: 05/01/96
Time: 14:58:55

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg 2 of 5
of Executive Order A-9-359-B

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	COLD CO ELECTRIC DYNO COEFFICIENTS: TARGET A (LINE 1 IS 20 DEG COEFFS,	TARGET B	TARGET C	SET A (LINE 2 IS 50 DEG WHEN NEEDED)	SET B	SET C	ADJUSTED LOADED VEHICLE WGT: ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES 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											
AN5L31	ELF	8QT	4W	Y	5580	C	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	-1.8105	0.06041					
AN5L31	ELF	8QW	4W	Y	5590	C	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	8DC	4W	Y	5350	C	STD	97	TMD	TZA		13.52	15.8	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	8QT	4W	Y	5350	C	STD	97	TMD	TZA		12.54	15.7	35	35											
							OPT	97	TPF	TZA		12.83	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	8QW	4W	Y	5350	C	STD	97	TMD	TZA		12.72	15.8	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	8DC	4W	Y	5400	C	STD	97	TMD	TZA		13.52	15.8	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	8QT	4W	Y	5400	C	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	8QW	4W	Y	5400	C	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											
2JJL74	ELF	8QW	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											

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TG03 - 401 /

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1997
VCR36028Q1EK

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg 3 of 5
of Executive Order A-9-359-B

MODEL	ENG	TRANS	A/C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT: COAST DOWN TIME	LOADED VEHICLE WEIGHT: *DYNO HP	LOADED VEHICLE WEIGHT: TIRE PRES F	LOADED VEHICLE WEIGHT: TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS: TARGET A (LINE 1 IS 20 DEG COEFFS,	TARGET B	TARGET C	SET A (LINE 2 IS 50 DEG WHEN NEEDED)	SET B	SET C	ADJUSTED LOADED VEHICLE WGT: ALVW	ADJUSTED LOADED VEHICLE WGT: COAST DOWN TIME	ADJUSTED LOADED VEHICLE WGT: *DYNO HP	ADJUSTED LOADED VEHICLE WGT: TIRE PRES F	ADJUSTED LOADED VEHICLE WGT: TIRE PRES R
							OPT	97	TRT	TZA		13.78	13.8	36	36											
							OPT	97	TYR	TZA		13.71	12.9	36	36											
ZJJL74	EML	DGW	4W	Y	5500	C	STD	97	TM6	TZA		14.19	13.6	36	36											
							OPT	97	TRD	TZA		13.67	13.6	36	36											
							OPT	97	TRH	TZA		13.46	14.3	36	36											
							OPT	97	TRN	TZA		13.69	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	DGW	RW	Y	5150	C	STD	97	TM6	TZA		13.65	13.6	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
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/ 10. - TG03 - 402 /

Report Date: 05/01/96
Time: 14:58:55

1997
VCR36028G1EK

Chrysler Corporation
FAMILY TIRE DESCRIPTION

Attachment to SDS pg 4 of 5
of Executive Order A-9-359-B

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 (M/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	TRM	TZA		WRANGLER OSA (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	748	SBR	2-Steel/2-Polyester	4	OWL	Polyester	0	None	0	10
97	TUT	TZA		WRANGLER OSA (A/T)	31X10.5R15LT	684	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13
97	TYR	TZA		WRANGLER OSA (A/T)	P245/70R16	728	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13

Report Date: 05/01/96
Time: 14:58:55