

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:

<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	0.21	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.



for 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

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 Equip 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	S E E	56028097		52019482
CM-100	AN1L61 AN1L62	M5	4000	A T T A C H M E N T	56040132		52019300
	AN1L31		4250				
CM-200	AN5L61 AN5L62		4000				52019325 52103077
	AN5L31		4250				

Date Issued: 5/15/96

Revisions: _____

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

Chrysler Corporation
Family Tire Usage

1997
VCR3602801EK

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	GVW	TYPE	LYN	TIRE DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	DYNO			TIRE	ELECTRIC DYNO COEFFICIENTS			COAST			TIRE							
															HP	F	R		TARGET A	B	C	SET A	B	C		BOWN	TIME	HP	F	R		
ANTL31	ELF	DDC	RW	Y	5330	C	4250	STD 97 TMD TZA	OPT	97	TPF	TZA	14.89	13.5	35	35	14.89	13.5	35	35	14.89	13.5	35	35	14.89	13.5	35	35				
								OPT 97 TPE TZA					14.87	14.2	38	35																
								OPT 97 TSI TZA					13.79	14.5	35	35																
								OPT 97 TSH TZA					13.45	14.4	35	35																
ANTL31	ELF	DGI	RW	Y	5330	C	4250	STD 97 TMD TZA	OPT	97	TPE	TZA	13.98	13.7	35	35																
								OPT 97 TPE TZA					13.88	13.7	35	35																
								OPT 97 TSI TZA					13.76	14.4	35	35																
								OPT 97 TSH TZA					12.99	14.7	35	35																
ANTL31	ELF	DGW	RW	Y	5330	C	4250	STD 97 TMD TZA	OPT	97	TSH	TZA	12.70	14.7	35	35																
								OPT 97 TMD TZA					14.08	13.5	35	35																
								OPT 97 TSI TZA					13.10	14.4	35	35																
								OPT 97 TSH TZA					12.80	14.4	35	35																
ANTL61	ELF	DDC	RW	Y	4820	C	4000	STD 97 TMD TZA	OPT	97	TPF	TZA	14.39	13.4	35	35																
								OPT 97 TPE TZA					14.39	13.4	35	35																
								OPT 97 TSI TZA					14.16	14.1	35	35																
								OPT 97 TSH TZA					13.31	14.4	35	35																
ANTL61	ELF	DGT	RW	Y	4820	C	4000	STD 97 TMD TZA	OPT	97	TSH	TZA	12.88	14.4	35	35																
								OPT 97 TMD TZA					13.22	13.6	35	35																
								OPT 97 TPE TZA					13.03	14.5	35	35																
								OPT 97 TSI TZA					12.31	14.8	35	35																
								OPT 97 TSH TZA					12.03	14.8	35	35																
ANTL61	ELF	DGW	RW	Y	4820	C	4000	STD 97 TMD TZA	OPT	97	TSH	TZA	12.31	14.8	35	35																
								OPT 97 TMD TZA					12.50	14.7	35	35																
								OPT 97 TSI TZA					12.22	14.7	35	35																
								OPT 97 TSH TZA					12.22	14.7	35	35																
ANTL62	ELF	DDC	RW	Y	4800	C	4000	STD 97 TMD TZA	OPT	97	TMD	TZA	14.39	13.4	35	35																
								OPT 97 TPE TZA					14.39	13.4	35	35																
								OPT 97 TSI TZA					13.31	14.4	35	35																
								OPT 97 TSH TZA					12.99	14.4	35	35																
ANTL62	ELF	DGT	RW	Y	4800	C	4000	STD 97 TMD TZA	OPT	97	TMD	TZA	13.22	13.6	35	35																
								OPT 97 TPE TZA					13.03	14.5	35	35																
								OPT 97 TSI TZA					12.31	14.6	35	35																
								OPT 97 TSH TZA					12.03	14.8	35	35																
ANTL62	ELF	DGW	RW	Y	4800	C	4000	STD 97 TMD TZA	OPT	97	TMD	TZA	13.45	13.7	35	35																
								OPT 97 TPE TZA					13.45	13.7	35	35																
								OPT 97 TSI TZA					13.45	13.7	35	35																
								OPT 97 TSH TZA					13.45	13.7	35	35																
ANSL31	ELF	DDC	AW	Y	5580	C	4500	STD 97 TMD TZA	OPT	97	TMD	TZA	14.20	15.6	35	35																

Report Date: 06/01/96
Time: 14:56:55

/ ID: T003 - 400 /

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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

Chrysler Corporation
Family Tire Usage

1997
YCR3802801EK

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	C	QTY	TYPE	LYN	MKT	TIRE DESCRIPTION	USE YR	COB	AFG	OPT	COAST DOWN TIME	*OYNO HP	TIRE PRES F R	TARGET A B C	COLD CO ELECTRIC OYNO COEFFICIENTS	ALVM TIME	COAST DOWN TIME	TIRE PRES F R					
ANS131	ELF	DGT	4W	Y	5590	C	4500	OPT 97 T81 TZA	13.67	15.8	35	35	13.67	15.8	35	35									
								OPT 97 T82 TZA	13.87	16.8	35	35	13.87	16.8	35	35									
								STD 97 T80 TZA	13.16	16.1	35	35	13.21	15.7	35	35									
ANS131	ELF	DGT	4W	Y	5590	C	4500	OPT 97 T81 TZA	12.76	16.1	35	35	12.75	16.1	35	35									
								OPT 97 T82 TZA	12.31	16.5	35	35	12.31	16.5	35	35									
								STD 97 T80 TZA	13.40	15.7	35	35	12.83	16.0	35	35									
ANS181	ELF	DGT	4W	Y	5350	C	4250	OPT 97 T81 TZA	12.83	16.0	35	35	12.83	16.0	35	35									
								OPT 97 T82 TZA	12.47	16.4	35	35	12.47	16.4	35	35									
								STD 97 T80 TZA	13.52	15.6	35	35	13.52	15.6	35	35									
ANS181	ELF	DGT	4W	Y	5350	C	4250	OPT 97 T81 TZA	13.63	15.8	35	35	13.63	15.8	35	35									
								OPT 97 T82 TZA	13.02	15.9	35	35	13.02	15.9	35	35									
								STD 97 T80 TZA	12.53	16.3	35	35	12.53	16.3	35	35									
ANS181	ELF	DGT	4W	Y	5350	C	4250	OPT 97 T81 TZA	12.54	16.7	35	35	12.54	16.7	35	35									
								OPT 97 T82 TZA	12.10	18.0	35	35	12.10	18.0	35	35									
								STD 97 T80 TZA	11.88	16.4	35	35	11.88	16.4	35	35									
ANS181	ELF	DGT	4W	Y	5350	C	4250	OPT 97 T81 TZA	12.72	15.6	35	35	12.72	15.6	35	35									
								OPT 97 T82 TZA	12.27	18.0	35	35	12.27	18.0	35	35									
								STD 97 T80 TZA	11.84	18.4	35	35	11.84	18.4	35	35									
ANS182	ELF	DGT	4W	Y	5400	C	4250	OPT 97 T81 TZA	13.52	15.8	35	35	13.52	15.8	35	35									
								OPT 97 T82 TZA	13.02	15.9	35	35	13.02	15.9	35	35									
								STD 97 T80 TZA	12.53	18.3	35	35	12.53	18.3	35	35									
ANS182	ELF	DGT	4W	Y	5400	C	4500	OPT 97 T81 TZA	13.21	16.7	35	35	13.21	16.7	35	35									
								OPT 97 T82 TZA	12.75	18.1	35	35	12.75	18.1	35	35									
								STD 97 T80 TZA	12.76	18.1	35	35	12.76	18.1	35	35									
ANS182	ELF	DGT	4W	Y	5400	C	4500	OPT 97 T81 TZA	12.31	16.5	35	35	12.31	16.5	35	35									
								OPT 97 T82 TZA	13.40	15.7	35	35	13.40	15.7	35	35									
								STD 97 T80 TZA	12.83	16.0	35	35	12.83	16.0	35	35									
ZJKJ74	ELF	DGT	4W	Y	5500	C	4500	OPT 97 T81 TZA	12.47	16.4	35	35	12.47	16.4	35	35									
								OPT 97 T82 TZA	14.19	13.8	38	38	14.19	13.8	38	38									
								STD 97 T80 TZA	13.57	13.6	38	38	13.57	13.6	38	38									
ZJKJ74	ELF	DGT	4W	Y	5500	C	4500	OPT 97 TRD TZA	13.48	14.3	38	38	13.48	14.3	38	38									
								OPT 97 TRN TZA	13.59	13.5	38	38	13.59	13.5	38	38									

45.20 -1.8105 0.08041

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

/ 10 - T803 - 401 /

* - For OYNO HP = 0.00
Ref To FRONTAL AREA

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

Chrysler Corporation
Family Tire Usage

1997
VCR3602601EX

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	C	QYW	TYPE	LVM	TIRE DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	DOWN	TYR	PRES	HP	F	R	ELECTRIC DYNO COEFFICIENTS			ALYW	TIME	TIRE
																						TARGET A	B	C			
(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																											
									OPT 97 TR7 TZA						13.78	13.8	36	36									
									OPT 97 TYR TZA						13.71	12.9	36	36									
ZJL74	ENL	DDW	4W	Y	5500	C		4500	ST9 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 TR7 TZA						13.78	13.8	38	36									
									OPT 97 TYR TZA						13.71	12.9	36	36									
									STD 97 TMB TZA						13.65	13.5	36	36									
ZJL74	ELF	DDW	RW	Y	5150	C		4250	OPT 97 TRD TZA						13.09	13.5	36	36									
									OPT 97 TRH TZA						13.68	14.1	36	36									
									OPT 97 TRN TZA						13.11	13.4	36	36									
									OPT 97 TR7 TZA						13.28	13.7	36	36									
									OPT 97 TYR TZA						13.22	12.8	36	36									

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

/ 10. - T003 - 402 /

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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

Chrysler Corporation
FAMILY TIRE DESCRIPTION

1997
YCR3802BR1EK

TIRE DESCRIPTION TR COD MFG OPT NAME	SIZE	CONSTRUCTION	RPM	COD	TREAD MATERIAL	P		L		SIDEWALL MATERIAL	P		I		OVERLAY MATERIAL	TREAD DEPTH	
						Y	SW	Y	X		Y	L	Y	X		Y	L
97 TMO TZA	WRANGLER AP (A/S)	P215/75R15	752	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	2	None	0	10			
97 TMD TZA	INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	2	None	0	10			
97 TME TZA	INVICTA GL (A/S)	P215/75R15	755	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	10			
97 TPF TZA	INVICTA GL (A/S)	P205/75R15	770	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	2	None	0	10			
97 TRD TZA	WRANGLER HP (A/S)	P225/70R16	730	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	10			
97 TRH TZA	EAGLE LS (A/S)	P225/70R16	734	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	10			
97 TRM TZA	WRANGLER GSA (A/T)	P225/75R15	734	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	13			
97 TRT TZA	WRANGLER AP (A/S)	P225/75R15	735	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	10			
97 TS1 TZA	WRANGLER RYS (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	2	None	0	13			
97 TS2 TZA	WRANGLER RYS (A/T)	P235/75R15-XL	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	2	None	0	13			
97 TSH TZA	EAGLE LS (A/S)	P235/70R15	745	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	10			
97 TUT TZA	WRANGLER GSA (A/T)	J1X10.5R15L1	584	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	13			
97 TTR TZA	WRANGLER GSA (A/T)	P245/70R15	728	SBR	2-Steel/2-Polyester	4	OHL	Polyester	2	None	2	None	0	13			

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

/ 10. - IQ03 - 403 /

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

MODELS COVERED BY CERTIFICATE

Engine Family: VCR602801EK
Evaporative Fam: VCR1073AYPB

Vehicle MFR: CHRYSLER

Certificate #:

California
Sales
YES

Car Line

Grand Cherokee 4WD

Model ID

ZJL74

Model Codes
KJ J L 74

Body Style
72=2 door
74=4 door
77=open

Trim Level
L=Covers all trim levels

Steering and Drive Line
R=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

Car line
K=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: YCR36DZ8G1EK
Evaporative Fam: YCR1D90AYP08
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
 AM 1 L 31
 1st digit: 3-Club Cab
 2nd digit: 1-118" or 130.9" wb
 3-Club Cab
 6-Regular Cab 2-123.9" wb
 Price Class
 Model:
 1-2 wheel drive
 5-4 wheel drive
 Body Code:
 Dakota Pickup