

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:

<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 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 2<sup>nd</sup> 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: 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      Equip      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, SEI, 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)	ZJL74	A4	4500	S E E  A T T A C H M E N T	56041289		52019482
CA-400 (CA)	ZJTL74	A4	4250		56041289		52019482

Date Issued: 5/15/96

Revisions: \_\_\_\_\_

MODELS COVERED BY CERTIFICATE

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

Vehicle MFR: CHRYSLER

Engine Family: VCR38Q2801EK  
Eveperative Fam: VCR1000AYP1B

Certificate #:

Model ID  
ZJL74  
ZJL74

Car Line  
Grand Cherokee 2WD  
Grand Cherokee 4WD

California  
Sales  
YES  
YES

Model codes  
XJ 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  
L=Left Hand Steering, 2 wd-rear

Car Line  
XJ=Cherokee  
YJ=Wrangler  
ZJ=Grand Cherokee









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

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

1997  
VCR360280TEK

TIRE DESCRIPTION YR COO MFG OPT NAME	SIZE	CONSTRUCTION	RPM	COO	TREAD MATERIAL	L	Y	SW	SIDEWALL MATERIAL	P		OVERLAY		TREAD DEPTH	
										L	Y	L	Y	P	X
87 TMS TZA	WRANGLER AP (A/S)	P215/75R15	752	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10			
87 TMO 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	OML	Polyester	2	None	0	10			
87 TPF TZA	INVICTA GL (A/S)	P205/75R15	770	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10			
87 TAD TZA	WRANGLER HP (W/S)	P225/70R16	730	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	10			
87 TQH TZA	EAGLE LS (A/S)	P226/70R16	734	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	10			
87 TNN TZA	WRANGLER QSA (A/T)	P225/75R15	734	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	13			
87 TBT TZA	WRANGLER AP (A/S)	P225/75R15	735	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	10			
87 TSI TZA	WRANGLER RT/S (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13			
87 TSD 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	748	SBR	2-Steel/2-Polyester	4	OML	Polyester	0	None	0	10			
87 TDT TZA	WRANGLER QSA (A/T)	31X10.5R15LT	686	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	13			
87 TYR TZA	WRANGLER QSA (A/T)	P245/70R15	728	SBR	2-Steel/2-Polyester	4	OML	Polyester	2	None	0	13			

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

/ 10 - 1603 - 403 /