Fuels

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-355
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: VCR15018G1EK Displacement: 2.5 Liters (150 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)
0-3750	50,000	0.25	3.4	0.4	10.0
	100,000	0.31	4.2	0.6	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)
0-3750	50,000	0.12	1.2	0.3	2.8
	100,000	0.15	1.4	0.4	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.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-355
Page 1A of 2

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

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR15018G1EK Evap Fam: VCR1049AYP0N

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: SOK X Useful Life with R/L ____ In-Use Exh Std: Full In Use X Alt In Use ____

Veh Class(es): PC ____ LDT1 X LDT2 ____ 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: I-4 Displacement: ____ / 2.5 Liters ____ / 150 Cubic Inches

Valves per Cylinder: 2 Rated HP: 125 & 120 @ 5400 & 5400 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S(2), OBD II, SFI
(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.
CM-100 (CA)	XJTL72 XJTL74	M5	3375	SEE ATTACHED	56041268	None	52101221
	XJJL72		3500				
	XJJL74		3625				
CM-400 (CA)	TJJL77		3375		56041305		52018933
CA-400 (CA)	TJJL77	A3	3500		56041309		

Date Issued: 04-12-96

Revisions: ____

SDS-TR01/master1.97

ATTACHMENT TO SDS PAGE 1A
OF EXECUTIVE ORDER A-9-355

VEHICLE MODELS/CARLINE

Engine Family:	VCR15018G1EK
Evaporative Family:	VCR1049AYPON
Exhaust Control System:	TWC, HO2S(2), OBD II, SFI
Evap. Control System:	Canister
Engine Displacement:	2.5L

Carline	Model Code
Jeep® Cherokee 4WD	XJJL72, XJJL74
Jeep® Cherokee 2WD	XJTL72, XJTL74
Jeep® Wrangler 4WD	TJJL77

REPORT DATE: 04-12-96

ATTACHMENT TO SDS PAGE 1A
OF EXECUTIVE ORDER A-9-355

1997
VCR15018G1EK

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A/C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	LOADED VEHICLE WEIGHT TARGET (LINE 1 IS 20 DEG	COLD CO ELECTRIC DYNO COEFFICIENTS A	B	C	SET A (LINE 2 IS 50 DEG	B	C WHEN NEEDED)
TJJL77	EPE	DDQ 4B	N	4360	C	3375	STD	97	TMS	TZA		10.98	14.9	33	33							
							OPT	97	TMS	TZA	VKO	11.38	14.2	33	33							
							OPT	97	TMW	TZA		10.98	14.9	33	33							
							OPT	97	TMW	TZA	VKO	11.38	14.2	33	33							
							OPT	97	TPN	TZA		10.98	14.9	33	33							
							OPT	97	TPN	TZA	VKO	11.38	14.2	33	33							
							OPT	97	TRN	TZA		10.68	14.9	33	33							
							OPT	97	TRN	TZA	VKO	11.06	14.3	33	33							
TJJL77	EPE	DGD 4A	N	4360	C	3500	STD	97	TMS	TZA		10.40	15.1	33	33							
							OPT	97	TMS	TZA	VKO	10.74	14.4	33	33							
							OPT	97	TMW	TZA		10.40	15.1	33	33							
							OPT	97	TMW	TZA	VKO	10.74	14.4	33	33							
							OPT	97	TPN	TZA		10.40	15.1	33	33							
							OPT	97	TPN	TZA	VKO	10.74	14.4	33	33							
							OPT	97	TRN	TZA		10.14	15.1	33	33	55.98		0.04901	49.38	-1.5094	0.06195	
							OPT	97	TRN	TZA	VKO	10.46	14.5	33	33							
XJJL72	EPE	DDQ 4W	Y	4850	C	3500	STD	97	TM6	TZA		11.63	14.0	33	33							
							OPT	97	TRL	TZA		11.20	13.6	33	33							
XJJL74	EPE	DDQ 4W	Y	4900	C	3625	STD	97	TM6	TZA		11.99	14.0	33	33							
							OPT	97	TRL	TZA		11.55	13.6	33	33	59.39		0.03687	37.58	-0.4847	0.0377	
XJTL72	EPE	DDQ RW	Y	4550	C	3375	STD	97	TM6	TZA		12.51	12.9	33	33							
							OPT	97	TRL	TZA		12.03	12.6	33	33							
XJTL74	EPE	DDQ RW	Y	4600	C	3375	STD	97	TM6	TZA		12.51	12.9	33	33							
							OPT	97	TRL	TZA		12.03	12.6	33	33							

REPORT DATE: 04-12-96

E.O. # A-9-355
Page 2A of 2

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

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR15018G1EK Evap Fam: VCR1090AYP0N
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 X LDT2 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: I-4 Displacement: / 2.5 Liters / 150 Cubic Inches
Valves per Cylinder: 2 Rated HP: 120 @ 5200 RPM
Engine: Front X Mid Rear Drive: FWD RWD X 4WD-FT 4WD-PT
Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S(2), OBD II, SFI
(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.
CM-500 (CA)	AN1L61 AN1L62	M5	3625	SEE ATTACHED	56040022 56040129	None	52021069

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Revisions:

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ATTACHMENT TO SDS. PAGE 2A
OF EXECUTIVE ORDER A-9-355

VEHICLE MODELS/CARLINE

Engine Family:	VCR15018G1EK
Evaporative Family:	VCR1090AYPON
Exhaust Control System:	TWC, HO2S(2), OBD-II, SFI
Evap. Control System:	Canister
Engine Displacement:	2.5L

Carline	Model Code
Dodge Dakota Pickup 2WD	AN1L61, AN1L62

REPORT DATE: 04-12-96

CAR-TR01

ATTACHMENT TO SDS PAGE 2A
OF EXECUTIVE ORDER A-9-355

1997
VCR15018G1EK

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	LOADED VEHICLE WEIGHT: COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A B C (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) SET A	B	C
AN1L61	EPE	DDQ RA	Y	4480	C	3625	STD	97	TMD	TZA		13.41	12.9	35	35			
							OPT	97	TME	TZA		13.41	12.9	35	35			
							OPT	97	TPF	TZA		13.20	13.6	35	35			
							OPT	97	TS1	TZA		12.41	13.9	35	35			
							OPT	97	TSH	TZA		12.11	13.8	35	35			
AN1L62	EPE	DDQ RA	Y	4570	C	3625	STD	97	TMD	TZA		13.41	12.9	35	35			
							OPT	97	TME	TZA		13.41	12.9	35	35			
							OPT	97	TPF	TZA		13.20	13.6	35	35			
							OPT	97	TS1	TZA		12.41	13.9	35	35			
							OPT	97	TSH	TZA		12.11	13.8	35	35			

REPORT DATE: 04-12-96