

File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-309
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 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TCR15018G1EK Displacement: 2.5 Liters (150 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards (in-use compliance standards in parentheses) 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>
0-3750	50,000	0.25 (0.32)	3.4 (5.2)	0.4 (0.4)	10.0 (10.0)
	100,000	0.31 (n/a)	4.2 (n/a)	0.6 (n/a)	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>
0-3750	50,000	0.12	2.0	0.2	2.8
	100,000	0.15	2.4	0.3	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 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, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance 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 the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 20 percent of the manufacturer's projected sales of 1996 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 1995.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR15018G1EK Evap Fam: TCR1049AYMON
 All Eng Codes in Eng Fam: CA X 49S 50S AB965
 Ch 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 Alt In Use X
 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 Mfr ADP X Other (Specify)
 NMOG Test Procedure: N/A Std Equip 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 @ 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), 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.
CA-100 (CA)	XJTL72	A3	3250	S E E	56030014	None	52019483
	XJTL74		3375				
	XJJL72 XJJL74		3500				
CA-200 (CA)	XJTL72 XJTL74		3250	A T T A C H E D			
	XJJL72		3375				
	XJJL74		3500				
CM-100 (CA)	XJTL72	M5	3250		56030010		
	XJTL74		3375				
	XJJL72 XJJL74		3500				

Date Issued: 04-27-95

Revisions:

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
 (cont'd)

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR15018G1EK Evap Fam: TCR1049AYMON

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-200 (CA)	XJTL72 XJTL74		3250				
	XJL72		3375				
	XJL74		3500				

Date Issued: 04-27-95

Revisions: _____

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR15018G1EK Evap Fam: TCR1073AYPON
 11 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 _____ Alt In Use X
 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 _____ Mfr ADP X Other (Specify) _____
 NMOG Test Procedure: N/A _____ Std _____ Equip _____ 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), 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-300 (CA)	AN1L61 AN1L62	M5	3500	S E E A T T A C H E D	56031650	None	52103164
CM-400 (CA)	AN1L61		3375				
	AN1L62		3500				

Date Issued: 04-27-95

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VEHICLE MODELS/CARLINE

Engine Family: TCR15018G1EK
Evaporative Family: TCR1073AYPON
Exhaust Control System: TWC, HO2S(2), SFI
Evap. Control System: Canister
Engine Displacement: 2.5L

Carline	Model Code
DODGE DAKOTA PICKUP 2WD	AN1L61, AN1L62

REPORT DATE: 04-27-95

1996

Chrysler Corporation

TCR15018G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE USE	DESCRIPTION YR CODE TRD	COASTDOWN MFG TIME SEC	*DYNO HP	TIRE F	PRES R
XJL72	EPE DDQ 4W	3375	4850	N	STD 98	TMS TAD TZA	12.14	12.90	33	33
					OPT 98	TRN TAD TZA	12.37	12.20	33	33
XJL72	EPE DDQ 4W	3500	4850	Y	STD 98	TMS TAD TZA	11.82	14.30	33	33
					OPT 98	TRN TAD TZA	11.87	13.50	33	33
XJL72	EPE DGD 4W	3375	4850	N	STD 98	TMS TAD TZA	11.88	13.00	33	33
					OPT 98	TRN TAD TZA	11.87	12.30	33	33
XJL72	EPE DGD 4W	3500	4850	Y	STD 98	TMS TAD TZA	11.20	14.40	33	33
					OPT 98	TRN TAD TZA	11.42	13.80	33	33
XJL74	EPE DDQ 4W	3500	4900	N	STD 98	TMS TAD TZA	12.53	13.00	33	33
					OPT 98	TRN TAD TZA	12.78	12.30	33	33
XJL74	EPE DDQ 4W	3500	4900	Y	STD 98	TMS TAD TZA	11.82	14.30	33	33
					OPT 98	TRN TAD TZA	11.87	13.50	33	33
XJL74	EPE DGD 4W	3500	4900	N	STD 98	TMS TAD TZA	12.04	13.10	33	33
					OPT 98	TRN TAD TZA	12.24	12.40	33	33
XJL74	EPE DGD 4W	3500	4900	Y	STD 98	TMS TAD TZA	11.20	14.40	33	33
					OPT 98	TRN TAD TZA	11.42	13.80	33	33
XJTL72	EPE DDQ RW	3250	4550	N	STD 98	TMS TAD TZA	12.97	12.00	33	33
					OPT 98	TRN TAD TZA	13.24	11.20	33	33
XJTL72	EPE DDQ RW	3250	4550	Y	STD 98	TMS TAD TZA	12.01	13.10	33	33
					OPT 98	TRN TAD TZA	12.30	12.40	33	33
XJTL72	EPE DGD RW	3250	4550	N	STD 98	TMS TAD TZA	12.41	12.00	33	33
					OPT 98	TRN TAD TZA	12.85	11.30	33	33
XJTL72	EPE DGD RW	3250	4550	Y	STD 98	TMS TAD TZA	11.53	13.20	33	33
					OPT 98	TRN TAD TZA	11.79	12.50	33	33
XJTL74	EPE DDQ RW	3250	4800	N	STD 98	TMS TAD TZA	12.97	12.00	33	33
					OPT 98	TRN TAD TZA	13.24	11.20	33	33
XJTL74	EPE DDQ RW	3375	4800	Y	STD 98	TMS TAD TZA	12.41	13.30	33	33
					OPT 98	TRN TAD TZA	12.88	12.50	33	33
XJTL74	EPE DGD RW	3250	4800	N	STD 98	TMS TAD TZA	12.41	12.00	33	33
					OPT 98	TRN TAD TZA	12.85	11.30	33	33
XJTL74	EPE DGD RW	3375	4800	Y	STD 98	TMS TAD TZA	11.93	13.20	33	33
					OPT 98	TRN TAD TZA	12.19	12.40	33	33

REPORT DATE: 04-27-95

1998

Chrysler Corporation

TCR15018G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE USE	DESCRIPTION YR CODE TRD	COASTDOWN MFG TIME SEC	*DYNO HP	TIRE F	PRES R
AN1L61	EPE DDQ RA	3375	4320	N	STD 98	TNC TAD TZA	13.75	12.00	30	35
					OPT 98	TMD TAD TZA	13.75	12.00	30	35
					OPT 96	TME TAD TZA	13.75	12.00	30	35
AN1L61	EPE DDQ RA	3500	4320	Y	STD 96	TNC TAD TZA	13.09	13.30	30	35
					OPT 98	TMD TAD TZA	13.09	13.30	30	35
					OPT 96	TME TAD TZA	13.09	13.30	30	35
AN1L62	EPE DDQ RA	3500	4470	N	STD 98	TNC TAD TZA	14.21	12.10	30	35
					OPT 98	TMD TAD TZA	14.21	12.10	30	35
					OPT 96	TME TAD TZA	14.21	12.10	30	35
AN1L62	EPE DDQ RA	3500	4470	Y	STD 96	TNC TAD TZA	13.08	13.30	30	35
					OPT 98	TMD TAD TZA	13.08	13.30	30	35
					OPT 96	TME TAD TZA	13.08	13.30	30	35

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