(Kem Pugor) Aulkar

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-304
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year Chrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Compressed Natural Gas (CNG)

Engine Family: SCR318H8C3JA Displacement: 5.2 Liters (318 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way plus Oxidation Catalytic Converter
Heated Oxygen Sensor
Sequential Multiport Fuel Injection
Exhaust Gas Recirculation

Vehicle models, transmissions, and engine codes 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 Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
3751-5750	50,000	0.160	4.4	0.7	0.018
	120,000	0.230	6.4	1.0	0.027

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a reactivity adjustment factor (RAF) for CNG-fueled medium-duty LEVs, and the addition of the product of the methane exhaust emission value and a RAF for methane emission of CNG-fueled medium-duty LEVs.

BE IF FURTHER RESOLVED: That, as of the date of this order, the Air Resources Board has not proposed or adopted a RAF for medium-duty LEVs operated on CNG, or a methane RAF for such vehicles. Based on available data and analysis, there is a strong likelihood that the initially adopted RAF for such vehicles will be less than 1.000, and the initially adopted methane RAF for such vehicles will be less than the numerical value of the maximum incremental reactivity of methane (0.0148). With the consent of the manufacturer, which has been provided, the applicable RAF and methane RAF for the listed engine family shall be treated for all purposes relating to this certification as:

Reactivity Adjustment Factor for NMOG Mass Emission: 1.000

Reactivity Adjustment Factor for Methane Mass Emission: 0.0148

The LEV certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
3751-5750	50,000	0.047	1.7	0.1	0.004
	120,000	0.065	2.3	0.1	0.006

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 the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(5.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the LEV hydrocarbon exhaust emission standard to which the listed vehicles are certified is at least twice as stringent as otherwise applicable to gasoline vehicles of the same year and class, and the listed vehicles therefore meet the definition of "low-emission motor vehicle" set forth in Health and Safety Code Section 39037.05 and 43800.

BE IT FURTHER RESOLVED: That the listed vehicle models shall be clearly labeled as "low-emission motor vehicle" as defined in Health and Safety Code Sections 39037.05 and 43800, and such labeling shall meet the requirements of Health and Safety Code Section 43802(a) at the time of sale.

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.).

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 11th day of January, 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-304

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Engine Family: SCR318H8C3JA
Evap Std: 50K N.A. Useful Life with R/L____ Evap Engine Family: N.A.
Exh Std: Tier-0 ___ Tier-1____ TLEV____ LEV X ULEV____ ZEV____ ; EPA Tier-0____ Tier-1____
Veh Class(es): PC____ LDT1____ LDT2____ MDV1____ MDV2 X MDV3 X MDV4____ MDV5____
Single Cert Std for Multi-Class Eng Fam: MDV2 (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Exh Cert Fuel(s): Indo____ Ph2____ Diesel: 13 CCR 2282____ or 40 CFR 86.113-90___ or -94___
M85____ CNG X LPG____ Other (specify) ____
Fuel Type(s): Dedicated X Flex-Fuel____ Dual-Fuel____ Gasoline____ Diesel____ M85____
CNG X LNG____ LPG____ Other (specify)____
Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)____
Engine Configuration: V-8 Displacement: 5.2 / ____ Liters 318 / ____ Cubic Inches
Engine: Front X Mid____ Rear____ Drive: FWD____ RWD X 4WD-FT____ 4WD-PT____
Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC & OC, HO2S, SFI, EGR
(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA)	AN1L62	A4	5250	SEE ATTACHMENT	56028314	04287784	52019520
	AB2L12 AB2L13		5500				52019289
	BR1L62						52019519
	AB2L52 AB2L53		6000				52019289

Note: MDV3 certified to MDV2 standards

Date Issued: 10/19/94
Revisions: ____

SDS4/master1.95

EXECUTIVE ORDER P-9-304

VEHICLE MODELS/CARLINE

Engine/Evap: SCR318H8C3JA / N.A.
Exhaust Control System: TWC & OC, HO2S, SFI, EGR
Evap. Control System: N.A.
Engine Displacement: 5.2L CNG

Model Code	Carline
AN1L62	Dakota Pickup 2WD
AB2L12, AB2L13	Dodge B2500 Ram Van
AB2L52, AB2L53	Dodge B2500 Ram Wagon
BR1L62	Dodge Ram BR1500 Pickup 2WD

Date Issued: 10-21-94
Revisions:

ATTACHMENT TO SDS PG. 2 OF 3
EXECUTIVE ORDER A-9-304

1995 Chrysler Corporation

SCR318H8C3JA FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE DESCRIPTION USE	YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
AB2L12	ELN DGR RW	5500	6400	Y	STD	95	TSC	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSC	TAD	TZH	15.37	16.20	45	45
					OPT	95	TSD	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSD	TAD	TZH	15.37	16.20	45	45
					OPT	95	TSF	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSF	TAD	TZH	15.37	16.20	45	45
AB2L13	ELN DGR RW	5500	6400	Y	STD	95	TSC	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSC	TAD	TZH	15.37	16.20	45	45
					OPT	95	TSD	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSD	TAD	TZH	15.37	16.20	45	45
					OPT	95	TSF	TAD	TZA	14.96	16.80	45	45
					OPT	95	TSF	TAD	TZH	15.37	16.20	45	45
AB2L52	ELN DGR RW	6000	6400	Y	STD	95	TSC	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSC	TAD	TZH	16.42	15.60	45	45
					OPT	95	TSD	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSD	TAD	TZH	16.42	15.60	45	45
					OPT	95	TSF	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSF	TAD	TZH	16.42	15.60	45	45
AB2L53	ELN DGR RW	6000	6400	Y	STD	95	TSC	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSC	TAD	TZH	16.42	15.60	45	45
					OPT	95	TSD	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSD	TAD	TZH	16.42	15.60	45	45
					OPT	95	TSF	TAD	TZA	15.92	16.30	45	45
					OPT	95	TSF	TAD	TZH	16.42	15.60	45	45
AN1L62	ELN DGR RW	5250	6260	Y	STD	95	TMK	TAD	TZH	14.90	11.80	40	65
BR1L62	ELN DGR RW	5500	6400	Y	STD	95	TRY	TAD	TZA	14.84	16.00	45	45
					OPT	95	TYF	TAD	TZA	14.84	16.00	45	45
					OPT	95	TYG	TAD	TZA	14.84	16.00	45	45

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TK40 - 400 /

Report Date: 06/02/94
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ATTACHMENT TO SDS PG. 3 OF 3
EXECUTIVE ORDER A-9-304

1995
SCR318H8C3JA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	TRD	MFG	NAME		SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
95	TMK	TAD	TZH	XCH4	(A/S)	LT215/75R15-D	752	SBR	2-STEEL/2-POLYESTER	4	BSW	POLYESTER	2	NONE		
95	TRY	TAD	TZA	WRANGLER AP	(A/S)	P225/75R16XL	713	SBR	2-STEEL/2-POLYESTER	4	BSW	POLYESTER	2	NONE		11
95	TSC	TAD	TZA	INVICTA-GL	(A/S)	P235/75R15XL	724	SBR	2-STEEL/2-POLYESTER	2	BSW	POLYESTER	2	NYLON	1	10
95	TSC	TAD	TZH	XW4	(A/S)	P235/75R15XL	736	SBR	-STEEL/ -POLYESTER	4	BSW	POLYESTER	2	NONE		10
95	TSD	TAD	TZA	INVICTA-GL	(A/S)	P235/75R15XL	724	SBR	2-STEEL/2-POLYESTER	4	WSW	POLYESTER	2	NYLON	1	10
95	TSD	TAD	TZH	XW4	(A/S)	P235/75R15XL	720	SBR	2-STEEL/2-POLYESTER	4	WSW	POLYESTER	2	NONE		10
95	TSF	TAD	TZA	INVICTA-GL	(A/S)	P235/75R15XL	724	SBR	2-STEEL/2-POLYESTER	4	OWL	POLYESTER	2	NYLON	1	10
95	TSF	TAD	TZH	XW4	(A/S)	P235/75R15XL	720	SBR	2-STEEL/2-POLYESTER	4	OWL	POLYESTER	2	NONE		10
95	TYF	TAD	TZA	WRANGLER AP	(A/S)	P245/75R16	687	SBR	2-STEEL/2-POLYESTER	4	BSW	POLYESTER	2	NONE		11
95	TYG	TAD	TZA	WRANGLER AP	(A/S)	P245/75R16	688	SBR	2-STEEL/2-POLYESTER	4	OWL	POLYESTER	2	NONE		11

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