

(Ken Pryor)

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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:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>
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:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>
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.

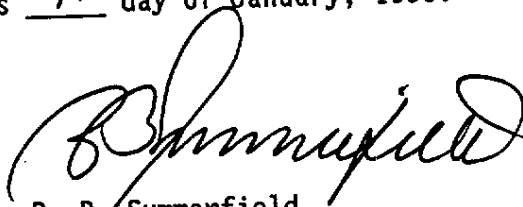
BE IT FURTHER RESOLVED: That the listed vehicle models shall be clearly labeled as "low-emission motor vehicle" as defined in Health and Safety Code Sections 39037.05 and 43800, and such labeling shall meet the requirements of Health and Safety Code Section 43802(a) at the time of sale.

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 11<sup>th</sup> day of January, 1995.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division



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: \_\_\_\_\_

Chrysler Corporation

1995

SCR318HBC3JA

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT LBS	A	TIRE DESCRIPTION	TRD	MFG TIME SEC	COASTDOWN TIME	DYNO HP	TIRE F	PRES R
MODEL	TEST	GVN	C	USE YR	CODE	TRD	TIME SEC	HP	F	R
AB2L12	ELN DGR RW 5500	6400	Y	STD 95 TSC	TAD	TZA	14.96	16.80	45	45
				OPT 95 TSD	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 TSD	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 TSD	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 TSD	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

Chrysler Corporation  
 FAMILY TIRE DESCRIPTION

1995  
 SCR318H8C3JA

TIRE DESCRIPTION YR COD TRD RFG NAME	SIZE	CONSTRUCTION RPH COD TREAD MATERIAL	P L		SIDEWALL MATERIAL		P OVERLAY MATERIAL		TREAD DEPTH (IN.)	
			Y	SW	Y	SW	Y	L	X	Y
95 THK TAD T7H XCH4 (A/S)	LT215/75R15-D	732 SBR 2-STEEL/2-POLYESTER	4	BSW	2	NONE	2	NONE	11	
95 TRY TAD T7A WRANGLER AP (A/S)	P225/75R16XL	713 SBR 2-STEEL/2-POLYESTER	4	BSW	2	NONE	2	NONE	10	
95 TSC TAD T7A INVICTA-GL (A/S)	P235/75R15XL	724 SBR 2-STEEL/2-POLYESTER	2	BSW	2	NONE	2	NONE	10	
95 TSC TAD T7H XU4 (A/S)	P235/75R15XL	736 SBR -STEEL/-POLYESTER	4	BSW	2	NONE	2	NONE	10	
95 TSD TAD T7A INVICTA-GL (A/S)	P235/75R15XL	724 SBR 2-STEEL/2-POLYESTER	4	MSW	2	NONE	2	NYLON	10	
95 TSD TAD T7H XU4 (A/S)	P235/75R15XL	720 SBR 2-STEEL/2-POLYESTER	4	MSW	2	NONE	2	NONE	10	
95 TSF TAD T7A INVICTA-GL (A/S)	P235/75R15XL	724 SBR 2-STEEL/2-POLYESTER	4	OML	2	NONE	2	NYLON	10	
95 TYF TAD T7A WRANGLER AP (A/S)	P245/75R16	720 SBR 2-STEEL/2-POLYESTER	4	OML	2	NONE	2	NONE	11	
95 TYG TAD T7A WRANGLER AP (A/S)	P245/75R16	688 SBR 2-STEEL/2-POLYESTER	4	BSW	2	NONE	2	NONE	11	