

file

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-283
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: SCR18128G1EA Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Three Way Catalytic Converter
- Heated Oxygen Sensor
- 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>
3751-5750	50,000	0.32	4.4	0.7
	100,000	0.40	5.5	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>
3751-5750	50,000	0.16	1.2	0.3
	100,000	0.17	1.4	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 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)(2.0) for the aforementioned model year.

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.).

CHRYSLER CORPORATION

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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 19th day of May, 1994.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Manufacturer Chrysler Corporation Engine Family SCR18128G1EA

Passenger Car (PC) Light-Duty Truck (T1/T2) Medium-Duty Vehicle (M1/M2/M3/M4/M5)

Stds. Type: Tier 1 (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh. Type (FFV, HEV(type A/B/C)):

Fuel Type: Gasoline Evaporative Family: SCR1095AYMOA

Engine Config. V6 Liter (CID) 3.0 (181)

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

Exhaust ECS & Special Features (incl. CARB, MFI, etc.) TWC, H02S, EGR, SFI
(use abbreviations per SAE 1930 MAY91)

Eng. Code/ (Cert. Std.)	Veh. Models (If Coded see Atchmt.)	Trans., Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
CA-100	ASHH52, ASKH52, ASHL52, ASKL52	A4	3875	S E E A T T A C H M E N T	04686833 04686834	04287780	04427738 04427767
CA-200	ASHP53, ASKP53, ASHP52, ASKP52 ASHH53, ASKH53, ASHL53, ASKL53	A3	4000		3750		
	ASHL52		3875				
(0.32/4.4/0.7) (.40/5.5/-)	ASHH52, ASHP52, ASKH52 ASKL52, ASKP52		4000				
	ASKH53, ASHL53, ASKL53						

199 5 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: CHRYSLER CORPORATION Exh Engine Family: SCR1812861EA
 Evap Std: 50K Useful Life with R/L Evap Engine Family: SCR1095AYM0A
 Exh Std: Tier-0 Tier-1 TLEV LEV ULEV ZEV ; EPA Tier-0 Tier-1
 Veh Class(es): PC LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5
 Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4, MDV5)
 Exh Cert Fuel(s): Indo Ph2 Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or -94
 M85 CNG LPG Other (specify)
 Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Gasoline Diesel M85
 CNG LNG LPG Other (specify)
 Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine)
 Engine Configuration: V-6 Displacement: 3.6 / Liters 181 / Cubic Inch
 Engine: Front Mid Rear Drive: FWD RWD 4WD-FT 4WD-PT
 Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S, EGR, SFI
 (use abbreviations per SAE J1930 SEP91)

Engine Code (also list A/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.	Catalyt Convert Part N

Date issued:

Revisions:

VEHICLE CARLINE / MODELS

Engine / Evap: SCR18128G1EA/SCR1095AYMOA
Exhaust Control System: TWC, H02S, EGR, SFI
Evap. Control System: Canister
Engine Displacement: 3.0L (181)

Model Code	Car Line
ASKH52, ASKH53, ASKL52, ASKL53, ASKP52, ASKP53	Dodge Caravan
ASHH52, ASHH53, ASHL52, ASHL53, ASHP52, ASHP53	Plymouth Voyager

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GW	A C	TIRE USE	DESCRIPTION	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
ASHH52	EFA DGL FW 3875			0	Y	STD 95	TKN	TAD	16.61	9.00	35	35
						OPT 95	TLB	TAD	15.98	9.20	35	35
						OPT 95	TP4	TAD	14.94	9.10	35	35
						OPT 95	TPB	TAD	15.15	9.60	35	35
						OPT 95	TPC	TAD	15.15	9.60	35	35
ASHH52	EFA DGM FW 3875			0	Y	STD 95	TKN	TAD	16.61	9.00	35	35
						OPT 95	TLB	TAD	15.98	9.20	35	35
						OPT 95	TP4	TAD	14.94	9.10	35	35
						OPT 95	TPB	TAD	15.15	9.60	35	35
						OPT 95	TPC	TAD	15.15	9.60	35	35
ASHH53	EFA DGL FW 4000			0	Y	STD 95	TPB	TAD	15.46	9.70	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35
						OPT 95	TP4	TAD	15.24	9.10	35	35
						OPT 95	TPC	TAD	15.46	9.70	35	35
ASHL52	EFA DGL FW 3875			0	Y	STD 95	TKN	TAD	16.61	9.00	35	35
						OPT 95	TLB	TAD	15.98	9.20	35	35
						OPT 95	TP4	TAD	14.94	9.10	35	35
						OPT 95	TPC	TAD	15.15	9.60	35	35
ASHL52	EFA DGM FW 3750			0	Y	STD 95	TKN	TAD	16.15	9.10	35	35
						OPT 95	TLB	TAD	15.54	9.30	35	35
						OPT 95	TP4	TAD	14.53	9.20	35	35
						OPT 95	TPB	TAD	14.74	9.70	35	35
						OPT 95	TPC	TAD	14.74	9.70	35	35
ASHL53	EFA DGL FW 4000			0	Y	STD 95	TPB	TAD	15.46	9.70	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35
						OPT 95	TP4	TAD	15.24	9.10	35	35
						OPT 95	TPC	TAD	15.46	9.70	35	35
ASHL53	EFA DGM FW 4000			0	Y	STD 95	TPB	TAD	15.46	9.70	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35
						OPT 95	TP4	TAD	15.24	9.10	35	35
						OPT 95	TPC	TAD	15.46	9.70	35	35
ASHP52	EFA DGL FW 4000			0	Y	STD 95	TKN	TAD	16.97	9.10	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35
						OPT 95	TP4	TAD	15.24	9.10	35	35
						OPT 95	TPC	TAD	15.46	9.70	35	35
ASHP52	EFA DGM FW 3875			0	Y	STD 95	TPB	TAD	15.46	9.70	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35
						OPT 95	TKN	TAD	15.15	9.60	35	35
						OPT 95	TLB	TAD	16.61	9.00	35	35
						OPT 95	TPB	TAD	15.98	9.20	35	35
						OPT 95	TP4	TAD	14.94	9.10	35	35
						OPT 95	TPC	TAD	15.15	9.60	35	35
ASHP53	EFA DGL FW 4000			0	Y	STD 95	TPB	TAD	15.46	9.70	35	35
						OPT 95	TLB	TAD	16.32	9.30	35	35

* - For DYNO HP = 0.00
 Ref To FRONTAL AREA

/ 10. - TB03 - 400 /

EPLACE

Report Date: 02/03/94
 Time: 15:35:46

Chrysler Corporation

1995

SCR18128G1EA

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT LBS TEST	A C	TIRE USE	DESCRIPTION	TRD	MFG TIME SEC	COASTDOWN HP	*DYNO HP	TIRE F	PRES R
ASKH52	EFA DGL FW 3875		0	Y	TPC	TAD	15.24		9.10	35	35
					TP4	TAD	15.46		9.70	35	35
					TKN	TAD	16.61		9.00	35	35
ASKH52	EFA DGM FW 3875		0	Y	TPB	TAD	15.98		9.20	35	35
					TLB	TAD	14.94		9.10	35	35
					TPC	TAD	15.15		9.60	35	35
ASKH53	EFA DGL FW 4000		0	Y	TPB	TAD	15.46		9.00	35	35
					TLB	TAD	16.32		9.30	35	35
					TP4	TAD	15.24		9.70	35	35
ASKH53	EFA DGM FW 4000		0	Y	TPC	TAD	15.46		9.00	35	35
					TKN	TAD	16.61		9.20	35	35
					TLB	TAD	15.98		9.10	35	35
ASKL52	EFA DGL FW 3875		0	Y	TP4	TAD	15.15		9.60	35	35
					TPB	TAD	15.15		9.60	35	35
					TPC	TAD	15.46		9.70	35	35
ASKL52	EFA DGM FW 3875		0	Y	TPB	TAD	15.46		9.00	35	35
					TKN	TAD	16.61		9.20	35	35
					TLB	TAD	15.98		9.10	35	35
ASKL53	EFA DGL FW 4000		0	Y	TP4	TAD	15.15		9.60	35	35
					TPB	TAD	15.15		9.60	35	35
					TPC	TAD	15.46		9.70	35	35
ASKL53	EFA DGM FW 4000		0	Y	TPB	TAD	15.46		9.00	35	35
					TKN	TAD	16.97		9.20	35	35
					TLB	TAD	15.98		9.10	35	35
ASKP52	EFA DGL FW 4000		0	Y	TP4	TAD	15.24		9.10	35	35
					TPB	TAD	15.46		9.60	35	35
					TPC	TAD	15.15		9.60	35	35
ASKP52	EFA DGM FW 4000		0	Y	TPB	TAD	15.46		9.70	35	35
					TKN	TAD	15.24		9.30	35	35
					TLB	TAD	16.32		9.10	35	35
ASKP52	EFA DGL FW 3875		0	Y	TP4	TAD	15.15		9.10	35	35
					TPB	TAD	15.15		9.70	35	35
					TPC	TAD	15.46		9.60	35	35

Report Date: 02/03/94
Time: 15:35:46

/ 10. - TB03 - 401 /

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

1995

Chrysler Corporation

ATTACHMENT TO SDS PG. 4 OF 5
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SCR18128G1EA

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GVM	A	TIRE USE	DESCRIPTION	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
ASKP53	EFA DGL FV 4000	4000		0	Y	STD 95 TPB	TAD	TZA	15.46	9.70	35	35
						OPT 95 TLB	TAD	TZA	16.32	9.30	35	35
						OPT 95 TP4	TAD	TZA	15.24	9.10	35	35
						OPT 95 TPC	TAD	TZA	15.46	9.70	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TB03 - 402 /

Report Date: 02/03/94
Time: 15:35:46

1995
SCR18128G1EA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

ATTACHMENT TO SDS PG. 5 OF 5
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TIRE DESCRIPTION		SIZE	CONSTRUCTION	RPH	COD	TREAD MATERIAL	P		L		OVERLAY		P		TREAD DEPTH		
YR	TRD						Y	SW	Y	SM	Y	MATERIAL	Y	MATERIAL	Y	1/32	L
95	TKN	TAD	TZA	INVICTA-GAL	(A/S)	P195/75R14	816	SBR	2-STEEL/1-POLYESTER	3	BSW	POLYESTER	1	NONE			10
95	TLB	TAD	TZA	INVICTA-GAL	(A/S)	P205/70R14	824	SBR	2-STEEL/2-POLYESTER	4	MSW	POLYESTER	2	NONE			10
95	TP4	TAD	TZA	EAGLE-GA	(A/ST)	P205/70R15	793	SBR	2-STEEL/2-POLYESTER	4	LBL	POLYESTER	2	NYLON			10
95	TPB	TAD	TZA	GAL	(A/S)	P205/70R15	794	SBR	2-STEEL/2-POLYESTER	4	BSW	POLYESTER	2	NONE			10
95	TPC	TAD	TZA	INVICTA-GAL	(A/S)	P205/70R15	792	SBR	2-STEEL/2-POLYESTER	4	MSW	Polyester	2	NONE			10