State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-147
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 1986 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
GCR2.2T2HDH7	135	(2.2)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0

The following are the certification emission values for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.28	5.3	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered 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" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, 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 28th day of March 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Corporation

Executive Order No. A-9-147

Engine Family GCR2.2T2HDH7

Evaporative Family GCRTA

Engine CID (Liters) 135 (2.2)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
V-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continuous
TOI-Trap Oxidizer Intermittent
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:	CARLINE
SKE35;SKS35	Dodge Ram Van
SKL36;SKH36; SKP36	Dodge Caravan
SHL36;SHH36; SHP36	Plymouth Voyager

DRIVE SYSTEM: Front (E-W) Engine/ Front -Wheel Drive

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E.O. #A -9-147

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__ Passenger Cars X Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer Chrysler Corporation

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Engine Family GCR2.2T2HDH7

Engine Code M-3;M-4;A-2; M-1;M-2;A-1

ECS (Special Features) AIP,EGR,TWC,CL

CID (Liter)-Type 135(2.2)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1	SKE35	M4	3250	05226940	04324609	04287407 04300407	VECI 4288965
M-2	SKS35;SKL35	M5	3375			04287426 04300426	VAC. HOSE 4307655 **4307687
	SHL36;SKH36; SKP36		3500				
	SHH36;SHP36		3625				
A-1	SKE35;SKS35	A3	3375	05226938	04324610	04287433 04300433	
M-3	SKE35	M4	3250	05227388	04324609	04287407 04300407	
*M-4	SKS35;SKL35	M5	3375			04287426 04300426	
	SKL36;SKH36; SKP36		3500				
	SHH36;SHP36		3625				
*A-2	SKE35;SKS35	A3	3375	05227386	04324610	04287433 04300433	

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 03/19/85

Revised - 05/07/85: Running Change 29T dated 05/02/85. Revise governor spark advance curve.

**Revised - 05/13/85: Running Change 21TC dated 04/25/85. Add thermal bowl vent valve into the carburetor bowl vent line to the vapor canister.

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1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

__ Passenger Cars X Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer Chrysler Corporation

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Engine Family GCR2.2T2HDH7

Engine Code M-3;M-4;A-2; M-1;M-2;A-1

ECS (Special Features) AIP,EGR,TWC,CL

CID (Liter)-Type 135(2.2)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1	SKE35	M4	3250	05226940	04324609	04287407 04300407	VECI 4288965
M-2	SKS35;SKL35	M5	3375			04287426 04300426	VAC. HOSE 4307655 **4307687 +4307698
	SHL36;SKH36; SKP36		3500				
	SHH36;SHP36		3625				
A-1	SKE35;SKS35	A3	3375	05226938 5234267++	04324610	04287433 04300433	
*M-3	SKE35	M4	3250	05227388	04324609	04287407 04300407	
*M-4	SKS35;SKL35	M5	3375			04287426 04300426	
	SKL36;SKH36; SKP36		3500				
	SHH36;SHP36		3625				
*A-2	SKE35;SKS35	A3	3375	05227386 5234267++	04324610	04287433 04300433	

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 03/19/85

Revised - 05/07/85: Running Change 29T dated 05/02/85. Revise governor spark advance curve.

**Revised - 05/13/85: Running Change 21TC dated 04/25/85. Add thermal bowl vent valve into the carburetor bowl vent line to the vapor canister.

+Revised - 08/19/85: Field Fix 16T dated 08/06/85. Addition of heated air delay valve.

++Revised - 11/11/87: Field Fix 29T. Release ECU with RFI Fix.

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1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars x Light-Duty Trucks __ Medium-Duty Vehicles x Gas __ Diesel

Manufacturer Chrysler Corporation

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Engine Code A-3

Engine Family GCR2.2T2HDH7

CID (Liter)-Type 135(2.2)-SOHC 4

ECS (Special Features) AIP, EGR, TWC, CL

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
A-3	SKE35;SKS35	A3	3375	5227498 5234267*	4324610	4287435	VECI 4288965 VAC. HOSE 4307687

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 10/12/85: Running Change 47T, dated 9/27/85.(Revise EGR calibration and ESA/EFC engine speed spark advance function, EIC timer parameters, VOS control parameters and add vacuum and RPM trip fuel function. Also release 18 fins/inch radiator with Canadian Fram radiator module.)

*Revised - 11-11-87: Field Fix 29T. Release ECU with RFI Fix.

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Engine Code M-7; M-8; A-4

Engine Family GCR2.2T2HDH7

CID (Liter)-Type 135(2.2)-SHOC4

ECS (Special Features) AIP,EGR,TWC,CL

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-7	SKE35	M4	3250	5227638 5234267*	4324746	4287407 4300407	VECI 4288965 VAC. HOSE 4307655 4307687 5307698
M-8	SKS35;SKL35	M-5	3375			4287426 4300426	
	SKL36;SKH36; SKP36		3500				
	SHH36;SHP36		3625				
A-4	SKE35;SKS35	A3	3375	5337636 5234267*	4324747	4287435	VECI 4288965 VAC. HOSE 4307687

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - Running Change 60T dated 02/10/86. (Revise choke delay valve, manifold vacuum purge orifice, carburetor choke lever and modulation rod, ESA calibrations. Revise carburetor solenoid throttle kick stroke & choke kick setting on all manual transmission models.)

*Revised - 11-11-87: Field Fix 29T. Release ECU with RFI Fix.

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1986 CALIFORNIA 2.2L LIGHT-DUTY TRUCK

TEST WEIGHT AND HORSEPOWER

MODEL (W/AC OR W/O AC)	TRANS.	TIRES	TEST WEIGHT (LBS.)	COASTDOWN H.P.
KE35	M4 Auto	P185/75R14(SBR) P195/75R14(SBR) P205/70R14(SBR) ALL WEATHER	3250	10.2 10.7
		P205/70R14(SBR) HIGHWAY	3250	10.5
KS35	M5 Auto	P185/75R14(SBR) P195/75R14(SBR) P205/70R14(SBR) ALL WEATHER	3250	10.2 10.7
		P205/70R14(SBR) HIGHWAY	3250	10.5
HL36,KL36 KH36,KP36	M5	P185/75R14(SBR) P195/75R14(SBR) P205/70R14(SBR) ALL WEATHER	3375	10.2 10.7
		P205/70R14(SBR) HIGHWAY	3375	10.5
HH36,HP36	M5	P185/75R14(SBR) P195/75R14(SBR) P205/70R14(SBR) ALL WEATHER	3500	10.2 10.7
		P205/70R14(SBR) HIGHWAY	3500	10.5

ISSUE DATE: 01/30/85
REV.: 01/31/85

1986 CALIFORNIA 2.6L-2V LIGHT-DUTY TRUCK

TEST WEIGHT AND HORSEPOWER

MODEL (W/AC OR W/O AC)	TRANS.	TIRES	TEST WEIGHT (LBS.)	COASTDOWN H.P.
KS35,KE35	Auto	P185/75R14(SBR)	3375	10.2
		P195/75R14(SBR)	3375	10.7
		P205/70R14(SBR) ALL WEATHER		
		P205/70R14(SBR) HIGHWAY	3375	10.5
HL36,KL36	Auto	P185/75R14(SBR)	3500	10.2
		P195/75R14(SBR)	3500	10.7
		P205/70R14(SBR) ALL WEATHER		
		P205/70R14(SBR) HIGHWAY	3500	10.5
HH36,KH36	Auto	P185/75R14(SBR)	3625	10.2
HP36,KP36		P195/75R14(SBR)	3625	10.7
		P205/70R14(SBR) ALL WEATHER		
		P205/70R14(SBR) HIGHWAY	3625	10.5

ISSUE DATE: 01/30/85
REV.: