

E. O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-44
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: TD-318-2-C
Engine: 318 CID
Transmission: 3-speed automatic, 3 and 4-speed manual
Exhaust Emission Control Systems: Engine modifications, exhaust gas recirculation, oxidation catalyst

Models: Dodge

*AD1 Sport Utility
*AW1 Sport Utility
*B1 Van
*B1 Wagon

D1 Chassis Cab
D1 Club Cab
D1 Conventional Cab
W1 Chassis Cab
W1 Conventional Cab

Ramcharger, Ramcharger S.E.
Ramcharger, Ramcharger S.E.
Street Van, Tradesman
Custom Sportsman, Royal Sportsman,
Royal Sportsman S.E., Sportsman
Adventurer, Adventurer S.E., Custom
Adventurer, Adventurer S.E., Custom
Adventurer, Adventurer S.E., Custom
Adventurer, Custom
Adventurer, Custom

Plymouth

*PB1 Wagon
*PD1 Sport Utility
*PW1 Sport Utility

Voyager, Voyager Custom, Voyager Sport
Trailduster, Trailduster Sport
Trailduster, Trailduster Sport

*4-speed manual transmission not available.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
TD-318-2-C	0.6	11	1.7

BE IT FURTHER RESOLVED: That this certification is contingent upon Chrysler Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Chrysler Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 15 day of August, 1976.


G. C. Hass, Chief
Division of Vehicle Emissions Control

Manufacturer Chrysler Corporation Executive Order No. A-9-44 Page 1

Engine Family TD-318-2-C Engine (CID) 318 Engine Code _____

Emission Control System EM, EGR, OC +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C+V, EI Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Code I	A-3	4000	Chrysler 3874090	Carter 3870969	4006883 4006884 No Service	(1) $0^{\circ} + 2^{\circ}$ for Auto. Transmission, or $2^{\circ} + 2^{\circ}$ BTDC for Manual Trans., both W/Vacuum Dis- connected & Plugged at Distributor
	M-3			Carter 3870970	4006885 4006886 No Service	
Code II	A-3	4500		Carter 3870969	4006883 4006884 No Service	(2) 0.3 ($0 \leq CO < 0.7$) % CO measured @ upstream catalyst tap
	M-3			Carter 3870970	4006885 4006886 No Service	
Code III	M-4	4000				(3) 750 ± 100 RPM in neutral
Code IV		4500				

Comments

Date of Issue

Corrected 3 March 1977

Abbreviations

Distributor

C-Centrifugal Advance

Vacuum Advance

Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emission Control System

AI-Air Injection

CAI-Catalyst Air Injection

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance
Control

FI-Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

RC-Reduction Catalyst

TR-Thermal Reactor

TWC-Three Way Catalyst

λ -Air Fuel Ratio Sensor

***Service**

I-Inspect, repair/replace
as needed

R-Replace

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 Emission Control System EM, EGR, OC +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C+V, EI Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Code I	A-3	4000	Chrysler 3874090	Carter 3870969	4006883 4006884 No Service	(1) T ⁰ +2 ⁰ BTDC W/V disconnected & plugged @ distributor (2) 0.3 (0 ≤ CO ≤ 0.7) % CO measured @ upstream catalyst tap (3) 750 + 100 RPM in neutral Note: T = 0 ⁰ for manual transmission, T = -2 ⁰ for automatic trans- mission (2 ⁰ ATDC).
	M-3			Carter 3870970	4006885 4006886 No Service	
Code II	A-3	4500		Carter 3870969	4006883 4006884 No Service	
	M-3			Carter 3870970	4006885 4006886 No Service	
Code III	M-4	4000				
Code IV		4500				
Comments						
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Abbreviations

Distributor

C-Centrifugal Advance
 V-Vacuum Advance
 R-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 EFI, FI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emission Control System

AI-Air Injection
 CAI-Catalyst Air Injection
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 EFE-Early Fuel Evaporation
 ESAC-Electronic Spark Advance
 Control
 FI-Fuel Injection

OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 RC-Reduction Catalyst
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 λ-Air Fuel Ratio Sensor
 *Service
 I-Inspect, repair/replace
 as needed
 R-Replace

Engine Family TD-318-2-C Coding Sheet

Code I

B1 Van
B1 Wagon (109" W.B.)
D1 Chassis Cab
D1 Conventional Cab
PB1 Wagon (109" W.B.)

Code III

D1 Chassis Cab (115" W.B.)
D1 Conventional Cab (115" W.B.)

Code II

AD1 Sport Utility
AW1 Sport Utility
B1 Wagon (127" W.B.)
PB1 Wagon (127" W.B.)
W1 Chassis Cab
W1 Conventional Cab

Code IV

D1 Chassis Cab (131" W.B.)
D1 Club Cab
D1 Conventional Cab (131" W.B.)
W1 Chassis Cab
W1 Conventional Cab

SUPERSEDED