C. 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	Ramcharger, Ramcharger S.E.
*AW1 Sport Utility	Ramcharger, Ramcharger S.E.
*B1 Van	Street Van, Tradesman
*B1 Wagon	Custom Sportsman, Royal Sportsman, Royal Sportsman S.E., Sportsman
D1 Chassis Cab	Adventurer, Adventurer S.E., Custom
D1 Club Cab	Adventurer, Adventurer S.E., Custom
D1 Conventional Cab	Adventurer, Adventurer S.E., Custom
W1 Chassis Cab	Adventurer, Custom
W1 Conventional Cab	Adventurer, Custom
Plymouth	
*PB1 Wagon	Voyager, Voyager Custom, Voyager Sport
*PD1 Sport Utility	Trailduster, Trailduster Sport
*PW1 Sport Utility	Trailduster, Trailduster Sport

*4-speed manual transmission not available.

SUPERSEDED

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

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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

SUPERSEDED

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks

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) $0^{\circ} \pm 2^{\circ}$ for Auto. Transmission, or $2^{\circ} \pm 2^{\circ}$ BTDC for Manual Trans., both W/Vacuum Disconnected & 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 ($0 \leq CO \leq 0.7$) % 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

SUPERSEDED

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks

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

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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°±2° BTDC W/V disconnected & plugged @ distributor
	M-3			Carter 3870970	4006885 4006886 No Service	(2) 0.3 (0≤ CO ≤ 0.7) % CO measured @ upstream catalyst tap
Code II	A-3	4500		Carter 3870969	4006883 4006884 No Service	
	M-3			Carter 3870970	4006885 4006886 No Service	(3) 750 ± 100 RPM in neutral
Code III	M-4	4000				Note: T= 0° for manual transmission, T= -2° for automatic transmission (2° ATDC).
Code IV		4500				

Comments

Date of Issue

SUPERSEDED

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R-Vacuum Retard
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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 II

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

Code III

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

Code IV

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

SUPERSEDED