State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-52
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Chrysler Corporation exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: CD-360/318-4-GP
Engine: 318 CID, 360 CID
Transmission: 3-speed Automatic
Exhaust Emission Control Systems: Air Injection, Engine Modification, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
CD-360/318-4-GP	0.38	7.9	1.5

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-9 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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 2 day of September, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Corporation Executive Order No. A-9-52 Page one

Engine Family CD-360/318-4 GP Engine (CID) 360/318

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
Fuel System
EFI
nV-nVenturi Carburetor

Exhaust Emission Control
AI-Air Injection
CAI-Catalyst Air Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
OC-Oxidation Catalyst

Model	Make/Type
	Plymouth - Compact
HL29	Volare, Volare Super Coupe, Volare Custom, Volare Road Runner, Volare Premier, Duster
HL41	Volare, Volare Custom, Volare Premier
HL45	Volare, Volare Premier
	Dodge - Compact
NL29	Aspen, Aspen Super Coupe, Aspen Custom, Aspen R/T, Aspen Special Edition
NL41	Aspen, Aspen Custom, Aspen Special Edition
NL45	Aspen, Aspen Special Edition
	Chrysler - Mid Size
FH22	LeBaron
FH41	LeBaron
FH45	LeBaron Town & Country
FP22	LeBaron Medallion
FP41	LeBaron Medallion
FM22 FM41	
	Dodge - Mid Size
GH22	Diplomat
GH41	Diplomat
GH45	Diplomat
GP22	Diplomat Medallion
GP41	Diplomat Medallion
GM22 GM41	

Model	Make/Type
	Plymouth - Intermediate
RL23	Fury
RL41	Fury
RH23	Fury Sport
RH41	Fury Salon
RL45	Fury Suburban
RL46	Fury Suburban
RH45	Fury Sport Suburban
RH46	Fury Sport Suburban
	Dodge - Intermediate
WL23	Monaco
WL41	Monaco
WH23	Monaco Brougham
WH41	Monaco Brougham
WL45	Monaco
WL46	Monaco
WH45	Monaco Crestwood
WH46	Monaco Crestwood
	Dodge - Intermediate Specialty
XP22	Charger SE
XS22	Magnum XE
	Chrysler - Intermediate Specialty
SS22	Cordoba
	Chrysler - Full Size
CL23	Newport
CL43	Newport
CS23	New Yorker Brougham
CS43	New Yorker Brougham

Body Code
-22, -23 & -29, 2-door.
-41 & -43, 4 door.
-45 & -46, 4-door wagon.

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles

Manufacturer: Chrysler Corporation. Executive Order No. A 9-52 Pg. 2

Engine Family CD-360/318-4-GP Engine (CID) 360 Transm. A-3

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

Eng. Code	Distrib. Type Mfgr. Part No.	Fuel Syst. I-4V Mfgr. Part No.	EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans-mission	Tune-up Spec. (1) Basic Timing (2) Idle Mixture (3) Idle Speed
AA1	3874858	Carter TQ-9134S	E90-690	4500	**H, N	L	45	A-3	(1) 8 ± 2° BTC W/Vacuum disconnected & plugged at distributor.
AA2			459088		R, W	L	23		
AA5			Chrysler 4104090 or 4105090		R, W	H	23		
AA6		Chrysler 4041856			R, W	L	41		
					R, W	H	41		
					F, G	H, M	22		
					F, G	H, M	41		
					F, G	H	45		(2) Propane gain: (See Service Manual). Alternate method: 0.5% (0 ≤ CO% ≤ 2) CO measured at upstream catalyst tap @ 750 RPM in neutral W/AI disconnected and plugged.
			No Service		F, G	P	22		
					F, G	P	41		
					X, S	S	22		
					X	P	22		
				4000	H, N	L	29		
					H, N	L	41		
					H, N	L	45		(3) Normal idle speed 750 ± 100 RPM in neutral.
+ AA8				4000 4500	same as above for 4000 & 4500				(1) 3° ± 2° BTDC w/ vacuum disconnected & plugged at distributor (2), (3) same

Comments Some models have special road load HP settings.
See page one for abbreviations.

R.C. #82 (1/17/78) Adds "Duster" to HL29 models

Date of Issue 9/2/77 Revisions: ** R.C. #60 (11-10-77) Change inertia wt.

R.C. #75a (12/16/77) add "M" series vehicles per K.D.D. letter of 1/19/76.

R.C. #94 (12/2/77) add engine codes AA5 and AA6

+ R.C. #102 (4/5/78) KDD letter 4/19/78

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles

Manufacturer: Chrysler Corporation. Executive Order No. A 9-52 Pg. 3

Engine Family CD-360/318-4-GP Engine (CID) 360 Transm. A-3

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

Eng. Code	Distrib. Type Mfgr. Part No.	Fuel Syst. I-4V Mfgr. Part No.	EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans-mission	Tune-up Spec. (1) Basic Timing (2) Idle Mixture (3) Idle Speed
AA3	3874115	Carter TQ-9134S Chrysler 4041856	E90-690 459088 Chrysler 4104090 or 4105090 No service	4500	F, G	H	22	A-3	(1) 6 ± 2° BTC W/Vacuum disconnected & plugged at distributor. (2) Propane gain: (See Service manual). Alternate method: 0.5% (0 ≤ CO% ≤ 2) CO measured at upstream catalyst tap @ 750 RPM in neutral W/AI disconnected and plugged. (3) Normal idle speed 750 ± 100 RPM in neutral.
					F, G	H	41		
					F, G	H	45		
					F, G	P	22		
					F, G	P	41		
					R, W	L	23		
					R, W	L	41		
					R, W	H	23		
					R, W	H	41		
				5000	R, W	L	45		
					R, W	L	46		
					R, W	H	45		
					R, W	H	46		
					C	L	23		
					C	L	43		
					C	S	23		
					C	S	43		
					** H, N	L	45		
				4500	X	S	22		
					S	S	22		
					X	P	22		
				4000	*** F, G	H	22, 41		
					H, N	L	29		
					H, N	L	41		
					H, N	L	45		
* AA4			4104103 or 4105103 No Service	5000	R, W	L	45		
					R, W	L	46		
					R, W	H	45		
					R, W	H	46		
+ AA7					C	L	23		(1) 3° ± 2° BTDC W/ vacuum disconnected & plugged at distributor. (2),(3) same
					C	L	43		
					C	S	23		
					C	S	43		
++ AA8			4104090 or 4105090 no service	4000 4500	same as above for 4000 & 4500				

Comments Some models have special road load HP settings.

See page one for abbreviations. *R.C. #38 (9-28-77), ** R.C. #60 (11-10-77) Change Inertia Wt.

Date of Issue 9/2/77 Revisions*** R.C. #75a (12/16/77) K.D.D. letter 1/19/76.

+ R.C. #87 (2/14/78) KDD letter 3/13/78

++ R.C. #102 (4/5/78) KDD letter 4/19/78

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles

Manufacturer: Chrysler Corporation. Executive Order No. A 9-52 Pg. 4

Engine Family CD-360/318-4-GP Engine (CID) 318 Transm. A-3

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

Eng. Code	Distrib. Type ESAC Mfgr. Part No.	Fuel Syst. I-4V Mfgr. Part No.	EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans-mission	Tune-up Spec. (1) Basic Timing (2) Idle Mixture (3) Idle Speed
AA1 AA2 AA5 AA6	Chrysler 4091140 315	Carter TQ-9147S Chrysler 4041865	E90-675 459150 Chrysler 4104075 or 4105075 No service	4500	F, G R, W R, W R, W R, W S, X X	H L L H H S P	45 23 41 23 41 22 22	A-3	(1) 16 ± 2° BTC W/Vacuum disconnected & plugged at distributor. (2) Propane gain: (See Service Manual). Alternate method: 0.5% (0 ≤ CO% ≤ 2) CO measured at upstream catalyst tap @ 750 RPM in neutral W/AI disconnected and plugged. (3) Normal idle speed 750 ± 100 RPM in neutral.
				4000	H, N H, N H, N F, G F, G F, G F, G	L L L H, M P H P, M	29 41 45 22 22 41 41		
* AA3 AA4			Chrysler 4104031 or 4105031 No service	4500	F, G R, W R, W R, W R, W S, X X	H L L H H S P	45 23 41 23 41 22 22		

Comments Some models have special road load HP settings.
See page one for abbreviations.

Date of Issue 9/2/77 Revisions: *R.C. #67 (11/23/77) change engine code from A-A-1 and A-A-2 to A-A-3 and A-A-4.

R.C. #75a (12/16/77) add "M" series vehicles per K.D.D. letter of 1/19/76.

R.C. #74 (12/2/77) adds engine codes AA5 and AA6