

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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".

CHRYSLER CORPORATION

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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, 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

HL29 Plymouth - Compact
 Volare Volare Super Coupe
 Volare Custom Volare Road Runner
 Volare Premier Duster

HL41 Volare
 Volare Custom
 Volare Premier

HL45 Volare
 Volare Premier

NL29 Dodge - Compact
 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

Dodge - Mid Size
 GH22 Diplomat
 GH41 Diplomat
 GH45 Diplomat
 GP22 Diplomat Medallion
 GP41 Diplomat Medallion

FM22
 FM41
 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 AA2 AA5 AA6	3874858	Carter TQ-9134S Chrysler 4041856	E90-690 459088 Chrysler 4104090 or 4105090 No Service	4500	H, N R, W R, W R, W R, W F, G F, G F, G F, G F, G X, S X	L L H L H H, M H, M H P P S P	45 23 23 41 41 22 41 45 22 41 22 22	A-3	(1) 8 + 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	L	29					
											H, N	L	41					
											H, N	L	45					
										+ AA8				4000	same as above			(1) 3° ± 2° BTDC w/ vacuum disconnected & plugged at distributor (2), (3) same
														4500	for 4000 & 4500			

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. #74 (12/2/77) add engine codes
AA5 and AA6

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

LAWSON & DILLON 1/85

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
AA 3	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							
4500	C	S	23						
	C	S	43						
	H, N	L	45						
4000	X	S	22						
	S	S	22						
	X	P	22						
4000	F, G	M	22, 41						
	H, N	L	29						
	H, N	L	41						
* AA 4			4104103 or 4105103 No Service	5000	R, W	L	45		
					R, W	L	46		
					R, W	H	45		
					R, W	H	46		
+ AA 7					C	L	23		(1) 3° ± 2° BTDC W/vacuum disconnected & plugged at distributor. (2), (3) same
					C	L	43		
					C	S	23		
+ AA 8			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	Carter TQ-9147S	E90-675 459150	4500	F, G R, W R, W	H L L	45 23 41	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.			
Chrysler 4104075 or 4105075			R, W R, W S, X X							H H S P	23 41 22 22	
No service	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	Chrysler 4104031 or 4105031	4500	F, G 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