

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-87  
Relating to Certification of New Motor Vehicle Engines

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 the following Chrysler Corporation 1981 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BCC05.9ARBO	318/360 (5.2/5.9)	Air Injection - Pump
BCC05.9ARCI	360 (5.9)	Exhaust Gas Recirculation Oxidation Catalyst

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
BCC05.9ARBO	0.2	22	4.1
BCC05.9ARCI	0.1	17	2.4

BE IT FURTHER RESOLVED: That Chrysler Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

CHRYSLER CORPORATION

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Engines 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 25<sup>th</sup> day of July, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Corporation Executive Order No. A-9-87 Page 1  
 Engine Family BCC05.9ARBO  
BCC05.9ARC1 Engine (CID) 318/360, 360

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

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbo Charged

<u>Engine Family</u>	<u>Engine Model</u>
BCC05.9ARBO	318-1 360-1 360-3
BCC05.9ARC1	360-3

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

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Engine Family BCC05.9ARBO CID (Liters) 318(5.2) V8 Eng. Code -  
-Type

ECS(Special Features) AIP, EGR, OC

Engine Model (Engine Code)	Ignition System CA, VA, EI  Distributor Part Number	Fuel System  4V Carburetor Part Number	EGR Valve  Part Number	Label Ident.
318-1 (BA-1)	4111501	4213745	4104090 4105090	VECI 4210275 Vac. Hose 4268360
318-1 (BA-2)*				VECI 4210275 Vac. Hose* 4268378

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Revised - 4-30-81(RC#1004:04-13-81) Add spark adv. delay valve.

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HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Page 3  
 Engine Family BCC05.9ARBO CID (Liters) 360 (5.9) V8 Eng. Code -  
 ECS(Special Features) AIP, EGR, OC

Engine Model (Engine Code)	Ignition System CA, VA, EI	Fuel System	EGR Valve	Label Ident.
	Distributor Part Number	4V Carburetor Part Number	Part Number	
360-1 (BB-1)	4111950	4213745	4104090 4105090	VECI 4210275 Vac. Hose 4268360
360-3 (BC-1)				VECI 4210275 Vac. Hose 4268354

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HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Page 4  
 Engine Family BCC05.9ARC1 CID-Type 360 (5.9) V8 Eng. Code -  
 ECS(Special Features) AIP, EGR, OC

Engine Model (Engine Code)	Ignition System CA, VA, EI  Distributor Part Number	Fuel System  4V Carburetor Part Number	EGR Valve  Part Number	Label Ident.
360-3 (CC-1)	4111950	4213753	4104090 4105090	VECI 4210275 Vac. Hose 4268354

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