

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-12
Relating to Certification of New Motor Vehicles

HONDA MOTOR CO., LTD.

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 Honda Motor Co., Ltd. exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BHN1.8V3AF2	107 (1.8)	Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 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>
BHN1.8V3AF2	0.19	2.2	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles", amended June 26, 1980.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Honda Motor Co., Ltd. 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).

Vehicles 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 28th day of August, 1980.



K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Honda Motor Co., Ltd. Executive Order No. A-23-12 Page 1

Engine Family BHN1.8V3AF2 Evaporative Family 81FF

ABBREVIATIONS Engine CID (Liters) 107 (1.8)

Ignition System

- CA-Centrifugal Advance
- EEC-Electronic Engine Control
- EI-Electronic Ignition
- ESAC-Electronic Spark Advance Control
- VA-Vacuum Advance
- VR-Vacuum Retard

Exhaust Emissions Control System

- AIP-Air Injection-Pump
- AIV-Air Injection-Valve
- CL-Closed Loop
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- OC-Oxidation Catalyst System
- TR-Thermal Reactor
- TWC-Three Way Catalyst System

Special Features

- CCV-Combustion Chamber Valve
- CFI-Central Fuel Injection
- DI-Diesel Injection
- EFI-Electronic Fuel Injection
- MFI-Mechanical Fuel Injection
- TC-Turbocharged

Fuel System

- CFI, DI, EFI, MFI
- nV-nVenturi Carburetor
- VV-Variable Venturi

Carline

Model

- *Accord Hatchback
LX Hatchback
4-Door Sedan
- *Prelude Notchback

*Add 10% to dyno test Hp for air conditioning usage.

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas DieselManufacturer Honda Motor Co., Ltd.Page 2Engine Family BHN1.8V3AF2Engine Code BF1, BF1/1Code BF2, BF2/1ECS (Special Features) EGR, OC

CID (Liter)-

Type 107 (1.8) I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA Part No.	Fuel System 3V Part No.	EGR Valve Part No.	Label Ident. Part No.
BF1, BF1/1	Accord Hatchback	5M	2500	Hitachi D4R9-17	Keihin CB39A	18710-PA6-6610	17277-PB2-6810
	Accord 4-Door Sedan		2625				
	Prelude Notchback		2500				
	Accord LX Hatchback						
BF2, BF2/1	Accord Hatchback	3A	2500	Hitachi D4R9-12	Keihin CB39B		17277-PB2-6910
	Accord 4-Door Sedan		2625				
	Prelude Notchback		2500				
	Accord LX Hatchback						

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 08/20/80

Revisions: (1)corrected p/n 091180