

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-15
Relating to Certification of New Motor Vehicles

HONDA MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Honda Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CHN1.5V3ACD3	91 (1.5)	Air Injection-Valve Engine Modification - CVCC Exhaust Gas Recirculation Oxidation Catalyst

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	0.7

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.23	2.7	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".

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 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 in El Monte, California this 20th day of August, 1981.


K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Honda Motor Co., Ltd. Executive Order No. A-23-15 Page 1

Engine Family CHN1.5V3ACD3 Evaporative Family 82FD

Engine CID (Liters) 91 (1.5)

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

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

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
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Models

Civic 1500 GL Hatchback
Civic 1500 DX Hatchback
Civic 4-Door Sedan
Civic Wagon
Civic Wagon

DRIVE SYSTEM: Front Engine/Front Drive

Date Issued: - 08/07/81

Revised: - 10/09/81: Corrections

- 12/10/81: RC 02 Addition of new model

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Honda Motor Co. Ltd. E.O. #A-23-15

Engine Family CHN1.5V3ACD3 CID (liter) - Type 91 (1.5) I-4

ECS (Special Features) AIV, EGR, OC, EM (CVCC)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System 3V Part No.	EGR Valve Part No.	Label Ident. Part No.
CD1 CD1/1**	Civic Hatchback Civic Hatchback*	M5	2125 2250	Hitachi Distributor D4R80-30	Keihin CB55D	18710-PA6- 6821	VECI See SDS p. 3 Vac. Hose 17277-PA6Y -680
CD2 CD2/1	Civic Hatchback Civic Hatchback*	A3	2125 2250	D4R80-29	CB57D	18710-PB3- 6910	Vac. Hose 17277-PA6Y -690
CD3 CD3/1**	Civic Wagon Civic Sedan Civic Wagon Civic Wagon Civic Sedan* Civic Wagon	M5	2250 2375	D4R80-30	CB55D	18710-PA6- 6821	Vac. Hose 17277-PA6Y -680
CD4	Civic Sedan Civic Wagon Civic Wagon	A3	2250 2375	D4R80-29	CB57D	18710-PB3- 6910	Vac. Hose 17277-PA6Y

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 - 08/07/81

Revisions: **- 08/07/81 (RC# A82D-01:08/07/81) AC fan circuit changed.
-10/09/81: Corrections
-12/10/81 RC 02 Addition of new model