 F. O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-14
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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
CHN1.3V3ACBO	81 (1.3)	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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.30	2.0	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

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Engine Family CHN1.3V3ACBO Evaporative Family 82FB

Engine CID (Liters) 81 (1.3)

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 1300 Hatchback
Civic 1300 FE Hatchback

DRIVE SYSTEM: Front Engine/Front Drive
Date Issued - 08/07/81
Revised - 10/09/81:Corrections

012281

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

Manufacturer Honda Motor Co., Ltd. E.O. #A-23-14

Engine Family CHN1.3V3ACBO CID (liter) - Type 81 (1.3) I-4

ECS (Special Features) AI-V, EGR, OC, EM (CVCC)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
CB1	Civic Hatchback	M-4	2125(1)	Distributor Hitachi	Keihin CB55C	18710-PA6 6821	VECI See SDS p. 3
CB1/1**			2125	D4R80-26			
CB2		M5			CB55F		Vac. Hose 17277-PA5Z-680
CB2/1**							
CB3		A3		D4R80-25	CB57C		VECI See SDS p. 3 Vac. Hose 17277-PA5Z-690
CB3/1							

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 #A82B-01:08/07/81) AC fan circuit changed.
-10/09/81:Corrections
-092581 (RC #A82B-02, ETW Changed from 2000 to 2125)

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VEHICLE EMISSION CONTROL INFORMATION - HONDA CIVIC 1300

ENGINE FAMILY IDENTIFICATION-CHNI3V3ACBO, DISPLACEMENT 81 CID OC EGR AIV
EVAPORATIVE FAMILY IDENTIFICATION 82FB

CATALYST

TUNE UP SPECIFICATIONS

TUNE UP CONDITIONS: ENGINE AT NORMAL OPERATING TEMPERATURE
HEADLIGHTS OFF
COOLING FAN OFF HEATER FAN OFF
AIR CONDITIONER OFF

IDLE SPEED	4 & 5 SPEED TRANSMISSION	700	±50 rpm
	AUTOMATIC (IN GEAR)		
FAST IDLE SPEED	4 & 5 SPEED TRANSMISSION	3100	±500 rpm
	AUTOMATIC (IN NEUTRAL)	3000	
VALVE LASH	IN. (MAIN & AUX.)	$0.15^{+0.02}_{-0.05}$ mm	COLD
	EX.	$0.20^{+0.03}_{-0.05}$ mm	COLD
IGNITION TIMING AT IDLE	4 & 5 SPEED TRANSMISSION	20° ±2°	BTDC
	AUTO MATIC (IN GEAR)	18° ±2°	

PLUG TYPE	NGK: BR6EB-11 OR EQUIVALENT ND: W20ESR-L11	SPARK PLUG GAP	$1.1^{0}_{-0.1}$ mm

IDLE MIXTURE ADJUSTMENT.
ADJUSTMENT DURING TUNE UP IS NOT RECOMMENDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND STATE LAWS.

THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1982 MODEL YEAR NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA.

HONDA MOTOR CO., LTD. JAPAN

ISSUED: 07/10/81