E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-13
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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
BHN1.3V3AB6	81 (1.3)	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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BHN1.3V3AB6	0.18	2.0	0.5

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 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 10 day of October, 1980.

K. D. Drachand by MC

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family BHN1.3V3AB6 Evaporative Family 81FB

ABBREVIATIONS Engine CID (Liters) 81 (1.3)

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

Model

Honda Civic 1300 Hatchback
Honda Civic 1300 DX
Honda Civic 1300 DX Hatchback

E.O. #A-23-13

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

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Engine Family BHN1.3V3AB6 Engine Code BB1, BB1/1 BB2, BB2/1

ECS (Special Features) EGR, OC CID (Liters)-Type 81 (1.3)- I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System CA, VA Part No.	Fuel System 3V Part No.	EGR Valve Part No.	Label Ident. Part No.
BB1, BB1/1	1981 Honda Civic 1300 Hatchback	4M	2000	Hitachi D4R9-07	Keihin CB32A	18710-PA6-9020	17277-PA5-6800
BB1, BB1/1	1981 Honda Civic 1300 DX Hatchback	5M	2000	Hitachi D4R9-07	Keihin CB32A	18710-PA6-9020	17277-PA5-6800
BB2, BB2/1	1981 Honda Civic 1300 DX Hatchback	3A	2125	Hitachi D4R9-07	Keihin CB32B	18710-PA6-6820	17277-PA5-6800

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.

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

Date of Issue -

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Engine Family BHN1.3V3AB6

VEHICLE EMISSION CONTROL INFORMATION - HONDA CIVIC 1300

ENGINE FAMILY IDENTIFICATION BHN1.3V3AB6, DISPLACEMENT 1335 cm^3 (81 CID) OC EGR
EVAPORATIVE FAMILY IDENTIFICATION 81 FB

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	800	±50 rpm
	AUTOMATIC (IN GEAR)	750	
FAST IDLE SPEED	4 & 5 SPEED TRANSMISSION	3000	±500 rpm
	AUTOMATIC	2850	
VALVE LASH	IN. (MAIN & AUX.)	$0.15^{+0.02}_{-0.03}$ mm COLD	
	EX.	$0.20^{+0.02}_{-0.03}$ mm COLD	
IGNITION TIMING AT IDLE	4 & 5 SPEED TRANSMISSION	$2° \pm 2°$ BTDC	
	AUTOMATIC (IN GEAR)		
PLUG TYPE; NGK; B6EB-11, *B5EB-11 ND ; W20ES-L11, *W16ES-L11 *FOR COLD CLIMATE OR EQUIVALENT	SPARK PLUG GAP	$1.1^{0}_{-0.1}$ mm	
IDLE CO		BELOW 0.1 %	

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

THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA. COMPLIANCE DEMONSTRATED BELOW 4,000 FEET.

HONDA MOTOR CO., LTD. JAPAN