State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-32
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 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)
FHN1.5V3FVC2	91	(1.5)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.11	1.2	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 at El Monte, California this 5th day of February, 1985.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer HONDA

Executive Order No. A-23-32

Engine Family FHN1.5V3FVC2

Evaporative Family 85FF

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
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
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
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS: Civic Wagon 4WD

DRIVE SYSTEM: Front Engine/ Four -Wheel Drive

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E.O. #A-23-32

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer HONDA Page 2

Engine Family FHN1.5V3FVC2 Engine Code FV1, FV1/1

ECS (Special Features) AIV, CL, EGR, TWC CID (Liter)-Type 91(1.5) - I-4

Engine Code	Vehicle Models (If Coded see attachment) (Hp) *	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No
FV1 FV1/1	Civic Wagon 4WD	M5	2625	CA, EI, VA Hitachi Distributor D4R84-40	CL, 3V Keihin Carburetor EA22B	18710-PEO -003	VECI See page 07-1. Vac.Hose 17277-PE1 -830
FV1-82 FV1/1-82				CA, EI, VA Hitachi Distributor D4R84-68			
FV1-90 FV1/1-90							Vac.Hose 17277-PE1 -831

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.
* : Please refer to page 08-1 in 1985 Application.

Date of Issue - 5/2-/85

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E.O. A-23-32

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer HONDA Page 2

Engine Family FHN1.5V3FVC2 Engine Code

ECS (Special Features) AIV. CL. EGR. TWC CID (Liter)-Type 91(1.5) - I-4

Engine Code	Vehicle Models (If Coded see attachment) (Hp) *	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No
FV1 FV1/1	Civic Wagon 4WD	M5	2625	CA, EI, VA Hitachi Distributor D4R84-40	CL, 3V Keihin Carburetor EA22B	18710-PEO -0032	VECI See page 07-1. Vac.Hose 17277-PE. -684
FV1-82 FV1/1-82	Civic Wagon 4WD	M5	2625	CA, EI, VA Hitachi Distributor D4R84-68			

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.
* : Please refer to page 08-1 in 1985 Application.

Date of Issue -

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ATTACHMENT

DURABILITY VEHICLE CARRY-ACROSS SELECTION COMPARISON

	1985 Durability Vehicle (VID : A85TA1)	1985 California Family Durability Vehicle Selection
Engine Family-Displacement	FHN1.5V3FTF1 1/ -91 CID	FHN1.5V3FVC2 1/ -91 CID
Evaporative Emission Family	85FF	85FF
Model	Civic Wagon 4WD	Civic Wagon 4WD
Exhaust Emission Control System	AIV, CL, EGR, TWC	AIV, CL, EGR, TWC
Crankcase Emission Control System	PCV	PCV
Evaporative Emission Control System	Canister	Canister
Catalyst Code	TW-8	TW-8
Transmission	M-5	M-5
Horsepower/Type	11.4/CD	11.4/CD
Inertia Weight	2500 lbs.	2500 lbs.
Equivalent Test Weight	2625 lbs.	2625 lbs.
Final Drive Ratio	4.47	4.47
N/V Ratio-rpm/mph	50.0	50.0
Tire Size	165SR13	165/SR13

Note

1/ Engine family determiners specified in 40 CFR 86.082-24(a)(2) are the same between the families FHN1.5V3FTF1 and FHN1.5V3FVC2.

USA2/Attachment