

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-8  
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 1980 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
A80C	91	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 certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 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>
A80C	0.27	3.6	0.8

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 except Motorcycles".

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 1980 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 4<sup>th</sup> day of October, 1979.

  
K. D. Drachand, Acting Chief  
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Honda Motor Co. Executive Order No. A-23-8 Page 1  
 Engine Family A80C Engine (CID) 91

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

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbo Charged

Engine Code

CA, CA/1  
 CB, CB/1

CC, CC/1  
 CD, CD/1

Model

Civic 1500 Hatchback

Civic 1500 4-dr Wagon

## 1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Honda Motor Co. Ltd.Page 2Engine Family A80CCID-Type 91-I4

Engine Code

ECS (Special Features) EM, EGR, OC

+ 10% (A/C)

Yes \_\_\_\_\_ No x


Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA,VA,EI Distributor Part No.	Fuel System 3V Carburetor Part No.	EGR Valve Part No.	Label Ident.
CA, CA/1	Civic 1500 Hatchback	M4 M5	(2000) 2125	Hitachi D4R8-04	Keihin CB14 A	18710- PA6-6811	See Page 3
	Civic 1500 Hatchback GL	M5					
CC, CC/1	Civic 4-dr Wagon	2SA	(2250) 2250	D4R8-05	CB14 B	18710- PA6-9012	
CD, CD/1			(2000) 2125	D4R8-05			
CB, CB/1	Civic 1500 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, equipment and inertia weight class.

Date of Issue -

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Honda Motor Co. Ltd. Executive Order No. A-23-8 Page 3

VEHICLE EMISSION CONTROL INFORMATION - HONDA CIVIC 1500		
ENGINE FAMILY IDENTIFICATION — A80C, DISPLACEMENT — 91 CID (1488 cm <sup>3</sup> )		
EVAPORATIVE FAMILY IDENTIFICATION — 80 FA		
<b>CATALYST</b>		
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 HONDAMATIC (IN GEAR)	750 ± 50 rpm
FAST IDLE SPEED	1. WITH ENGINE OFF, DISCONNECT AND PLUG HOSE ④. (REFER TO VACUUM HOSE ROUTING DIAGRAM) 2. CLOSE CHOKE VALVE FULLY. DEPRESS AND THEN RELEASE ACCEL. PEDAL. 3. START ENGINE, AND ADJUST ENGINE SPEED WITHIN SPECIFICATION BY TURNING FAST IDLE SCREW.	3000 ± 500 rpm
VALVE LASH	IN. (MAIN & AUX.)	0.15 ± $\frac{0.03}{8}$ mm 'COLD'
	EX.	0.20 ± $\frac{0.03}{8}$ mm 'COLD'
IGNITION TIMING AT IDLE (WITH VACUUM HOSE CONNECTED)	4 & 5 SPEED TRANSMISSION HONDAMATIC (IN GEAR)	0° (TDC)
SPARK PLUG GAP	PLUG TYPE: NGK: B7EB11 OR EQUIVALENT	1.1 $\frac{0}{-0.1}$ 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 CALIFORNIA OR OTHER STATE LAWS		
THIS VEHICLE CONFORMS TO U.S. E.P.A. AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES.		
HONDA MOTOR CO., LTD. JAPAN		