

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-10
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>
A80E	107	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>
A80E	0.17	2.7	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 20th day of December, 1979.


D. Drachand, Acting Chief
Mobile Source Control Division

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 Engine Family A80E Engine (CID) 107

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

EA, EA/1

Model

Accord Hatchback
 Accord LX Hatchback
 Accord 4-door Sedan
 Prelude

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

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Engine Family A80E

CID-Type 107-I4

Engine Code EA, EA/1

ECS (Special Features) EM, OC, EGR

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, EI Distributor Part No.	Fuel System 1-3V Carburetor Part No.	EGR Valve Part No.	Label Ident.
EA, EA/1	Accord Hatchback Prelude	A3	(2500) 2500	Hitachi 30100-PB2- 6910 D4R9-03	Keihin 16100-PB2- 6910 CB 26A	18710- PA6-9012	See Page 3
	Accord 4-door Sedan		(2500) 2625				
	Accord LX 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 -

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VEHICLE EMISSION CONTROL INFORMATION - HONDA ACCORD & PRELUDE		
ENGINE FAMILY IDENTIFICATION — A80E, DISPLACEMENT — 1751 cm ³ (107 CID)		
EVAPORATIVE FAMILY IDENTIFICATION — 80 FC		
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	AUTOMATIC (IN GEAR)	800 ± 50 rpm
FAST IDLE SPEED		2500 ± 500 rpm
1. WITH ENGINE OFF, DISCONNECT AND PLUG NOSE A. (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.		
VALVE LASH	IN. (MAIN & AUX.)	0.15 ± 0.03 mm COLD
	EX.	0.28 ± 0.03 mm COLD
IGNITION TIMING AT IDLE (WITH VACUUM HOSE CONNECTED)	AUTOMATIC (IN GEAR)	0° (TDC)
PLUG TYPE: NGK: B7EB-11 OR EQUIVALENT	SPARK PLUG GAP	1.1 ± 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. COMPLIANCE DEMONSTRATED BELOW 4,000 FEET. HONDA MOTOR CO., LTD. JAPAN		

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