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.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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.

N. 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	Model
EA, EA/1	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				16100-PB2-8010 CB27A		

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 -

042679

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VEHICLE EMISSION CONTROL INFORMATION - HONDA ACCORD & PRELUDE

ENGINE FAMILY IDENTIFICATION — A80E, DISPLACEMENT — 1751 cm³ (107 CID)
EVAPORATIVE FAMILY IDENTIFICATION — 80 FC

CATALYST

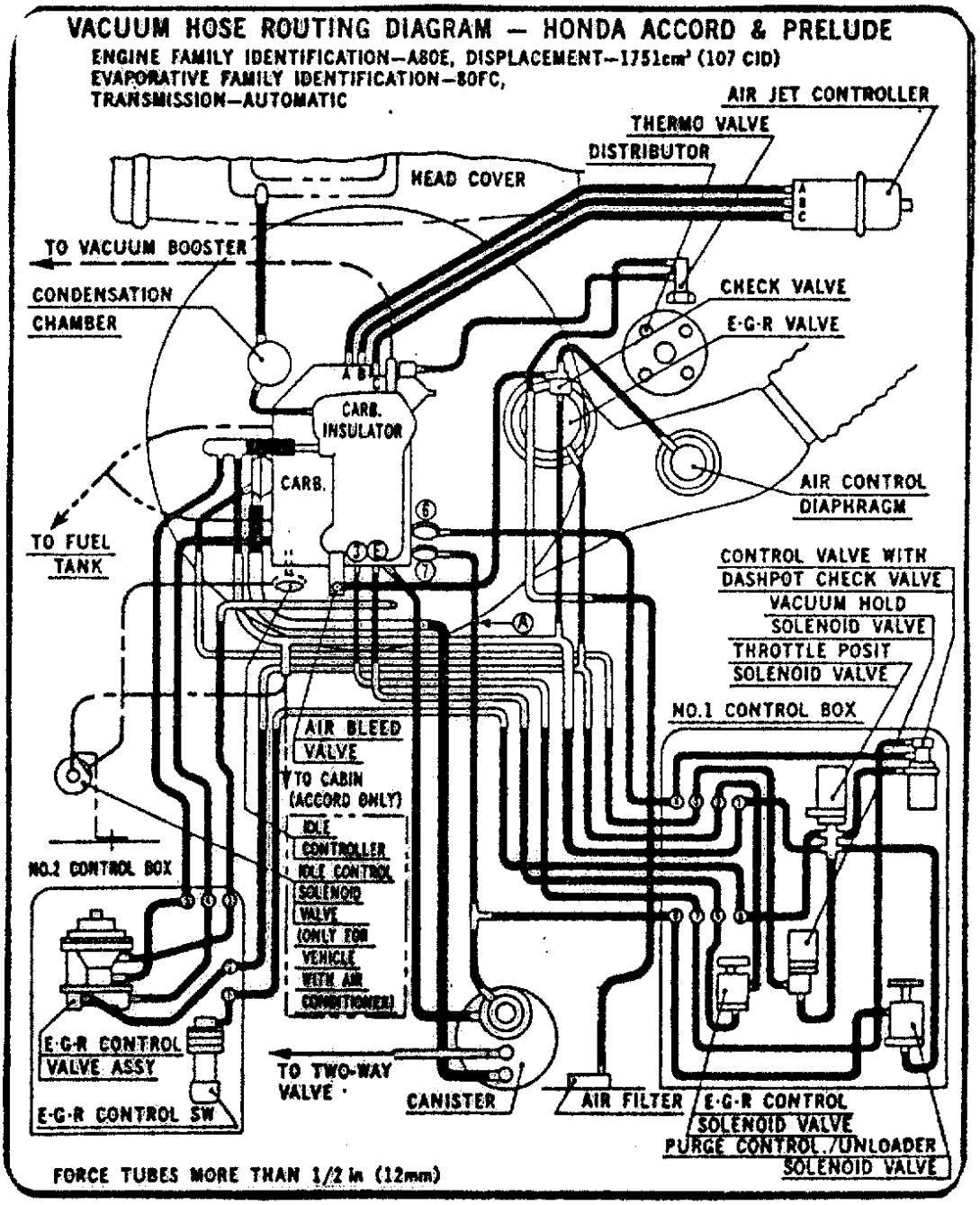
TUNE UP SPECIFICATIONS
TUNE UP CONDITIONS : ENGINE AT NORMAL OPERATING TEMPERATURE
HEADLIGHTS OFF
COOLING FAN OFF HEATER FAN OFF
AIR CONDITIONER OFF

IDLE SPEED	AUTOMATIC (IN GEAR)	800 ± 50 rpm
FAST IDLE SPEED 1. WITH ENGINE OFF, DISCONNECT AND PLUG HOSE 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.		2500 ± 500 rpm
VALVE LASH	IN. (MAIN & AUX.)	$0.15^{+0.05}_{-0.03}$ mm COLD
	EX.	$0.28^{+0.05}_{-0.03}$ 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	$1.1^{0}_{-0.1}$ 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


VACUUM HOSE ROUTING DIAGRAM — HONDA ACCORD & PRELUDE
ENGINE FAMILY IDENTIFICATION—A80E, DISPLACEMENT—1751cm³ (107 CID)
EVAPORATIVE FAMILY IDENTIFICATION—80FC,
TRANSMISSION—AUTOMATIC
AIR JET CONTROLLER
THERMO VALVE
DISTRIBUTOR
HEAD COVER
TO VACUUM BOOSTER
CONDENSATION CHAMBER
CHECK VALVE
E·G·R VALVE
CARB. INSULATOR
CARB.
AIR CONTROL DIAPHRAGM
TO FUEL TANK
CONTROL VALVE WITH DASHPOT CHECK VALVE
VACUUM HOLD SOLENOID VALVE
THROTTLE POSIT SOLENOID VALVE
NO.1 CONTROL BOX
AIR BLEED VALVE
TO CABIN (ACCORD ONLY)
IDLE CONTROLLER
IDLE CONTROL SOLENOID VALVE (ONLY FOR VEHICLE WITH AIR CONDITIONER)
NO.2 CONTROL BOX
E·G·R CONTROL VALVE ASSY
E·G·R CONTROL SW
TO TWO-WAY VALVE
CANISTER
AIR FILTER
E·G·R CONTROL SOLENOID VALVE
PURGE CONTROL/UNLOADER SOLENOID VALVE
FORCE TUBES MORE THAN 1/2 in (12mm)