State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-4-1
Relating to Certification of New Motor Vehicles

HONDA MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Honda Motor Company Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 77ED-1
Transmission: 2 Speed Semi-Automatic, 4 Speed Manual or 5 Speed Manual
Exhaust Emission Control Systems: CVCC (Engine Modification)

Engine: 90.8 CID
Model: Honda Civic CVCC 2 Door Sedan *
Honda Civic CVCC 3 Door Sedan
Honda Civic CVCC 5 Door Wagon**

Engine: 97.6 CID
Model: Honda Accord CVCC**

* Not available with 5 speed manual or 2 speed Semi-Automatic
** Not available with 5 speed manual
*** Not available with 4 speed manual

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
77ED-1	0.3	4.1	1.3

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executive Order A-23-4 dated December 17, 1976 is hereby rescinded.

Executed at El Monte, California, this 17 day of January, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Honda Motor Company, Ltd. Executive Order No. A-23-4 Page 1

Engine Family 77ED-1 Engine (CID) 90.807 Engine Code

Emission Control System CVCC +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V Mfgr. Part Number	Fuel System Type 1-3V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Civic CVCC 2 Door Sedan	M/T4	2000	Hitachi D412-A3	Keihin CA12A		1) 2°BTDC @800±50RPM vacuum line to distributor remain connected 2) Below 0.4% CO 3) 800±50RPM in Neutral
Civic CVCC 3 Door Sedan	M/T4 M/T5					
Civic CVCC 5 Door Wagon	M/T4	2250	D412-A4			

Comments: Fifth gear is used at speeds above 45 MPH. For the first 10 minutes of cold engine operations, fifth gear should not be engaged.
Axle ratio 4.066, 4.428 (wagon only)

Date of Issue : 121776; Rev. 011177

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Honda Motor Company, Ltd. Executive Order No. A-23-4 Page 2

Engine Family 77ED-1 Engine (CID) 90.807 Engine Code

Emission Control System CVCC +10%(A/C) Yes[ ] No[X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V,VR Mfgr. Part Number	Fuel System Type 1-3V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Civic CVCC 3 Door Sedan	SA2	2000	Hitachi D4J6-02	Keihin CA12A		1) 2°BTDC@700±50 RPM in gear; vacuum line remain connected 2) Below 0.4% 3) 700±50RPM in gear
Civic CVCC 5 Door Wagon		2250		CA12B		1) TDC@700±50 RPM in gear; vacuum line remain connected 2) Same as above 3) Same as above

Comments: Shift speed (1 to 2) 20MPH

Axle ratio 4.117

Date of Issue

Abbreviations

Distributor
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V-Vacuum Advance
R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Honda Motor Company Ltd Executive Order No. 23-4 Page 3

Engine Family 77ED-1 Engine (CID) 97.633 Engine Code

Emission Control System CVCC +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C.V Mfgr. Part Number	Fuel System Type 1-3V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Accord CVCC	M/T5	2250	Hitachi D412-A3	Keihin CA15A		1) 2°BTDC@800 ±50 RPM in neutral; vacuum line connected 2) Below 0.4% 3) 800±50 RPM in neutral
	SA2		D436-02	CA15B		1) TDC @680± 50RPM in gear; vacuum line remain connected 2) Same as above 3) 680±50RPM in gear

Comments: Fifth gear is used at speeds above 45 MPH but not the first 10 minutes of cold engine operation. Shift speed for SA 2 transmission is 20 MPH (1 to 2). Axle Ratio: 4.266, 4.117 (SA2)

Date of Issue : 121776; Rev. 011177

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
R-Vacuum Retard
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EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace