

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-16
Relating to Certification of New Motor Vehicles

NISSAN 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 Nissan Motor Company Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: A140C

Engine: 85.2 CID

Transmission: 3 Speed Automatic, 4 Speed Manual or 5 Speed Manual

Exhaust Emissions Control Systems: Air injection, engine modification,
exhaust gas recirculation, oxidation
catalyst

Models: Datsun B210 2 Door Sedan
Datsun B210 2 Door Sedan Deluxe
Datsun B210 4 Door Sedan Deluxe
Datsun B210 Hatchback
Datsun B210 Hatchback 5-speed
Datsun F10 Hatchback 5-speed
Datsun F10 Sport Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model 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>
A140C	0.37	3.0	1.1

BE IT FURTHER RESOLVED: That this certification is contingent upon Nissan Motor Company LTD. affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Nissan Motor Company, LTD. listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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.

Executed at El Monte, California, this 12th day of October, 1976.

G.C. Hass by P. J. Pachard

G. C. Hass, Chief
Division of Vehicle Emissions Control

Manufacturer Nissan Motor Company Executive Order No. A-15-16 Page 1
 Engine Family A140C Engine (CID) 85.2 Engine Code _____
 Emission Control System AI-EGR-EM-OC +10%(A/C) Yes ☐ No ☒

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V EI Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
HLB210STRUV HLB210TRUV HLB210TUV KHLB210UV	M/T4	2250	Hitachi D4F5-03	Hitachi DCH306-11B	AEY 75-9	1) 10° BTDC @ 700 RPM in neutral; vacuum line to distributor connected.
KHLB210FUV	M/T5					2) 2% + 1% CO in neutral; air injection disconnected 3) 700 RPM in neutral

Comments Axle ratio 3.700; fifth gear is used at speeds above 50 mph
 **No Service

Date of Issue October , 1976

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

Manufacturer Nissan Motor Company Executive Order No. A-15-16 Page 2

Engine Family A140C Engine (CID) 85.2 Engine Code

Emission Control System AI-FGR-FM-OC +10%(A/C) Yes ☐ No ☒

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C, V EI Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
KPLF10FUV	M/T5	2250	Hitachi D4F5-04	Hitachi DCH306-17A	AEY75-10	1) 10° BTDC @ 700 RPM in neutral; vacuum line to distributor connected.
WPLF10UV	M/T4					2) 2% ± 1% CO in neutral; air injection dis- connected. 3) 700 RPM in Neutral

Comments Axle Ratio: 3.471; Fifth gear is used at speeds above 50 mph
 **No Service

Date of Issue October , 1976

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

Manufacturer Nissan Motor Company Executive Order No. A-15-16 Page 3

Engine Family A140C Engine (CID) 85.2 Engine Code

Emission Control System AI-EGR-EM-OC +10%(A/C) Yes ☐ No ☒

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type Mfgr. Part Number	Fuel System Type Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
HLB210ARUV	A/T3	2250	Hitachi D4F5-05	Hitachi DCH306-15B	AEY75-11	1) 10° BTDC @ 650 RPM in drive; vacuum line to distributor connected.
HLB210AUV KHLB210AUV		2500				2) 2% ± 1% CO in drive; air injection dis- connected. 3) 650 RPM in drive

Comments Axle ratio: 3.889
 **No Service

Date of Issue October , 1976

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

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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

Translation of Body Codes into Vehicle Models
1977 Model Year

Manufacturer: Nissan Motor Company
Engine Family: A140C

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<u>Body Code</u>	<u>Vehicle Model</u>
HLB210STRUV	Datsun B210 2-door Sedan
HLB210TRUV	Datsun B210 2-door Sedan Deluxe
HLB210TUV	Datsun B210 4-door Sedan Deluxe
KHLB210UV	Datsun B210 Hatchback
KHLB210FUV	Datsun B210 Hatchback 5 Speed
HLB210ARUV	Datsun B210 2-door Sedan Deluxe (Automatic)
- HLB210AUV	Datsun B210 4-door Sedan Deluxe (Automatic)
- KHLB210AUV	Datsun B210 Hatchback (Automatic)
KPLF10FUV	Datsun F10 Hatchback 5-speed
WPLF10UV	Datsun F10 Sport Wagon