E. O. Book

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:

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

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

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 [X]

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. 2) 2% ± 1% CO in neutral; air injection disconnected
KHLB210FUV	M/T5					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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

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-EGR-EM-OC +10%(A/C) Yes [ ] No [X]

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. 2) 2% ± 1% CO in neutral; air injection disconnected. 3) 700 RPM in Neutral
WPLF10UV	M/T4					

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

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 [X]

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. 2) 2% ± 1% CO in drive; air injection disconnected. 3) 650 RPM in drive
HLB210AUV KHLB210AUV		2500				

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
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

Translation of Body Codes into Vehicle Models
1977 Model Year

Manufacturer: Nissan Motor Company
Engine Family: A140C

Body Code	Vehicle Model
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