

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-20
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 light-duty trucks are certified for the engine family described below:

Engine Family: N102
Engine: 119.1 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 Pickup
Datsun Pickup Long Wheelbase
Datsun Pickup DELUXE CAB
Datsun Pickup 5-speed
Datsun Pickup Long Wheelbase 5-speed
Datsun Pickup DELUXE CAB 5-speed

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>
N102	0.6	8	1.6

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 15th day of October, 1976.

G.C. Hass by A.D. McHand

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

Manufacturer Nissan Motor Co. LTD. Executive Order No. A-15-20 Page 1
 Engine Family N102 Engine (CID) 119.1 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
HL620TUV HLG620TUV KHL620TUV	M/T4	2750	Hitachi D4F4-04	Hitachi DCH340-45C	AEY74-10	1) 10° BTDC @ 750 RPM in neutral; vacuum line to distributor connected 2) 2.0 ± 1% CO in Neutral; Air Injection disconnected. 3) 750 RPM in Neutral
HL620FTUV HLG620FTUV KHL620FTUV	M/T5					

Comments Axle Ratio: 4.375, 4.111
 **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 Co., LTD. Executive Order No. A-15-20 Page 2
 Engine Family N102 Engine (CID) 119.1 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
HL620KTUV HLG620KTUV KHL620KTUV	A/T3	2750	Hitachi D4FA-03	Hitachi DCH340-46B	AEY74-7	1) 12° BTDC @ 650 RPM in drive; vacuum line to distributor connected 2) 2.0 + 1% CO in drive; air injection disconnected 3) 650 RPM in drive

Comments Axle Ratio: 4.375, 4.111
 **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
 FI, 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 Vehicle Codes into Vehicle Models
1977 Model Year

Manufacturer: Nissan Motor Company
Engine Family: N102

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Vehicle Code

Vehicle Model

HL620TUV
HLG620TUV
KHL620TUV

Datsun Pickup
Datsun Pickup Long Wheelbase
Datsun Pickup DELUXE CAB

HL620 KTUV
HLG620KTUV
KHL620KTUV

Datsun Pickup (Automatic)
Datsun Pickup Long Wheelbase (Automatic)
Datsun Pickup DELUXE CAB (Automatic)

HL620FTUV
HLG620FTUV
KHL620FTUV

Datsun Pickup 5-Speed
Datsun Pickup Long Wheelbase 5-Speed
Datsun Pickup DELUXE CAB 5-Speed