

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 15<sup>th</sup> 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