

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-129
Relating to Certification of New Motor Vehicles

LOW MANUFACTURING & DISTRIBUTING CO.

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 Low Manufacturing & Distributing Co. exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: Nissan N102

Engine: 119.1

Transmission: 4 and 5-Speed Manual

Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Engine Modification, Oxidation Catalyst

Model: Mini Brute

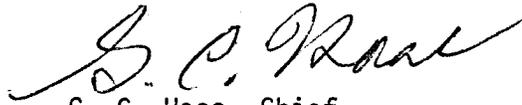
The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Nissan N102	0.6	8	1.6

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 12 day of May, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

Low Manufacturing
 Manufacturer & Distributing Co. Executive Order No. A-129 Page 1
 Engine Family Nissan N102 Engine (CID) 119.1 Engine Code _____
 Emission Control System AI, EGR, EM, OC +10%(A/C) Yes No

Vehicle Models	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-4	2750	Hitachi D4F4-04	Hitachi DCH340-45C	AEY74-10 No Service	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-5					

All called Mini Brute

Vehicle Code	Vehicle Model
HL620TUV	Datsun Pickup
HLG620TUV	Datsun Pickup Long Wheelbase
KHL620TUV	Datsun Pickup DELUXE CAB
HL620FTUV	Datsun Pickup 5-Speed
HLG620FTUV	Datsun Pickup Long Wheelbase 5-Speed
KHL620FTUV	Datsun Pickup DELUXE CAB 5-Speed

Comments

Date of Issue 051177.

Abbreviations

- Distributor
 C-Centrifugal Advance
 VA-Vacuum Advance
 VR-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 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