

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-19
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: L280C
Engine: 168 CID
Transmission: 3 Speed Automatic, 4 Speed Manual or 5 Speed Manual
Exhaust Emissions Control Systems: Electronic Fuel Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Datsun 280Z
Datsun 280Z 2 + 2
Datsun 280Z 5 Speed
Datsun 280Z 2 + 2 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> |
|----------------------|--|---|---|
| L280C | 0.19 | 3.4 | 1.0 |

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. O. Daehnel

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

Manufacturer Nissan Motor Company Executive Order No. A-15-19 Page 1
 Engine Family L280C Engine (CID) 168 Engine Code _____
 Emission Control System EFI-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type EI, C,V Mfgr. Part Number | Fuel System Type EFI Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|-------|----------------|--|--|-------------------------------------|---|
| HLS30UV GHLS30UV | M/T4 | 3000 | Hitachi D6F4-03 | Control Unit A11-601 *K11-601 Air Flow Meter A31-601 (JECS) Injector 0280 150 (Bosch) | EVK72-18 | 1) 10° BTDC @ 800 RPM in neutral; vacuum line connected at distributor. 2) 0.5% CO or lower 3) 800 RPM in neutral |
| HLS30FUV GHLS30FUV | M/T5 | | | A46-000 (JECS) | | |

Comments Axle Ratio: 3.545; Fifth gear is used at speeds above 50 mph
 **No Service

Date of Issue October , 1976
 * R/C L280C-1977-9, June 15, 1978

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-15-19 Page 2
 Engine Family L280C Engine (CID) 168 Engine Code _____
 Emission Control System EFI-EGR-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 EFI Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|-------|----------------|--|--|-------------------------------|---|
| HLS30AUV GHLS30AUV | A/T3 | 3000 | Hitachi D6F4-03 | Control Unit A11-601 *K11-601 Air flow Meter A31-601 (JECS) Injector 0280150 (Bosch) A46-000 (JECS) | EVK72-18 | 1) 10° BTDC @ 700 RPM in drive; vacuum line connected at distributor 2) 0.5% CO or lower 3) 700 RPM in drive |

Comments Axle ratio: 3.545
 **No Service

Date of Issue October , 1976
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Abbreviations

- Distributor
 C-Centrifugal Advance
 V-Vacuum Advance
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 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
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 *Service
 I-Inspect, repair/replace
 as needed
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Translation of Body Codes to Vehicle Models
1977 Model-Year

Manufacturer: Nissan Motor Company
Engine Family: L280C

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| <u>Body Code</u> | <u>Vehicle Models</u> |
|------------------|-----------------------------|
| HLS30UV | Datsun 280Z |
| GHLS30UV | Datsun 280Z 2+2 |
| HLS30AUV | Datsun 280Z (Automatic) |
| GHLS30AUV | Datsun 280Z 2+2 (Automatic) |
| HLS30FUV | Datsun 280Z 5-Speed |
| GHLS30FUV | Datsun 280Z 2+2 5-Speed |