

State of California
AIR RESOURCES BOARD

X

EXECUTIVE ORDER A-15-58
Relating to Certification of New Motor Vehicles

NISSAN MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for diesel-powered light-duty trucks.

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|--|
| DNS2.2K6JAC6 | 132 (2.2) | Exhaust Gas Recirculation |

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

| <u>Equivalent Inertia Weight</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|--|---|---|
| 0-3999 | 0.41 | 9.0 | 1.5 |

The following are the certification emission values for this engine family:

| <u>Equivalent Inertia Weight</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|--|---|---|
| 0-3999 | 0.34 | 1.5 | 0.9 |

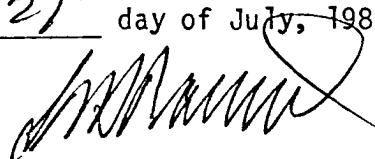
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 27th day of July, 1982.



K. D. Drachand, Chief
Mobile Source Control Division

NISSAN

Eng. Family: DNS2.2K6JAC6

17.02.00.00 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-58

Engine Family DNS2.2K6JAC6 Engine (CID) 132

Evaporative Emission Family Not applicable

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ABBREVIATIONS

Distributor

C-Centrifugal Advance
 V-Vacuum Advance
 VR-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 EFI, FI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CAI-Catalyst Air Injection
 CAB-Chamber Air Bleed
 DD-Dual Displacement
 EEI-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
 TC-Turbo Charged
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 (Feedback Control)
EGR Syst. Service
 I-Inspect, repair/replace
 as needed
 R-Replace

Engine Code

Model

Transmission

SD22CM
 ASD22CM

DATSUN PICKUP REGULAR DIESEL
 DATSUN PICKUP LONG WHEELBASE DIESEL
 DATSUN PICKUP KING CAB DIESEL

5 Speed Manual

| | | | | |
|-----------------------------|-----------------------------------|--|--|---|
| Issue Date: 04/29/82 | 17.02- DNS2.2K6JAC6 ⁻¹ | | | PAGE IS <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY DATE ___/___/___ EPA REP |
| Revision | | | | |
| Date | | | | |

C

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks

Manufacture NISSAN MOTOR CO., LTD. Engine Family DNS2.2K6JAC6 Engine (CID) 132
 Emission Control System EGR +10% (A/C) Yes No

| Eng. Code | Vehicle Models | Trans | Inertia Weight Class | Fuel System Type: DIESEL INJECTION Mfg. Part Number | EGR System Part No. Service | Tune-up Specification (1) Basic Timing (2) Idle Speed |
|-------------------|----------------|-------|----------------------|---|--|---|
| SD22CM ASD22CM | PICKUP | M5 | 2,750- 3,000 | DIESEL INJECTION PUMP DIESEL KIKI CO., LTD. NP-PES4A60C412RS2000 (Pump Ass'y) NP-EP/SCD500-2000A6 (Timer Ass'y) | VVT VALVE AVI76 EGR VALVE EVT54-1 | (1) 18° BTDC@700RPM (2) 700RPM "N" |
| | | | | DIESEL INJECTION NOZZLE DIESEL KIKI CO., LTD NP-DNOSD193 | VACUUM AMPLIFIER V76 | |

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Test Weight / Horsepower List

Engine Family : DNS2.2K6JAC6

| Vehicle Model | Test Weight (lbs) | Tire Size | Without A/C factor | | With A/C factor | |
|-------------------------------------|-------------------|--|--------------------|----------------------|-----------------|----------------------|
| | | | Test HP | Coastdown Time (Sec) | Test HP | Coastdown Time (Sec) |
| DATSUN PICKUP REGULAR DIESEL | 2,875 3,000 | 7.00-14-4PR (Non Radial) 195SR14 * (Radial) | | | | |
| DATSUN PICKUP LONG WHEELBASE DIESEL | 3,000 3,125 | 7.00-14-4PR (Non Radial) 195SR14 * (Radial) | 13.0 | | | |
| DATSUN PICKUP KING CAB DIESEL | 3,000 3,125 | 185SR14 (Radial) 195SR14 * (Radial) | | | | |

Note; *: Optional tire

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 Date: 6/29/82
 Region: 17.02-DNS2.2K6JAC6-3
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