

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-40
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BNS1.5V2AC7	90.8 (1.5)	Air Injection - Valve Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 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>
BNS1.5V2AC7	0.19	3.2	0.5

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

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

BE IT FURTHER RESOLVED: That Nissan Motor Company, Ltd. has provided to the Executive Officer 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 22nd day of July, 1980.

K. D. Drachand
K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family BNS1.5V2AC7 Evaporative Family EVP-CARB-2AV*, -2A**

ABBREVIATIONS

Engine CID (Liters) 90.8 (1.5)

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DI-Diesel Injection
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Vehicle Models: *Datsun 210 2-Door Sedan
 4-Door Sedan
 2-Door Hatchback
 4-Door Wagon

**Datsun 310 2-Door Sedan Hatchback
 GX 2-Door Sedan Hatchback
 GX 4-Door Hatchback
 GX 2-Door Coupe Hatchback

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Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

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Engine Family BNS1.5V2AC7 Engine Code -

ECS (Special Features) AIV, EGR, OC CID (Liters)-Type 90.8 (1.5)-I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
BA15CA (w/o AC) ABA15CA (w/AC)	Datsun 210	A-3	2250	D4K80-04	DCR306-112	AEY75-38	14805-H9810
BA15CM (w/o AC) ABA15CM (w/AC)		M-5		D4K80-02			
NA15CM (w/o AC) ANA15CM (w/AC)	Datsun 310	M-4,5			DCR306-113		14805-M6760

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

*Add 10% to dyno test HP for air conditioning usage.

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