

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-54  
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CNS2.8V5FCF8	168 (2.8)	Exhaust Gas Recirculation Three Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharger)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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 1982 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.28	2.3	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".

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.

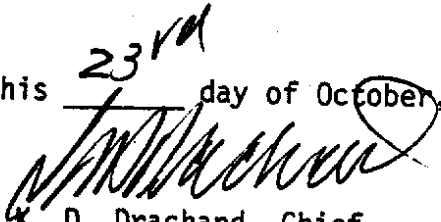
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 <sup>23<sup>rd</sup></sup> day of October, 1981.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Nissan Motor Co., Ltd Executive Order No. A-15-54 Page 1

Engine Family CNS2.8V5FCF8 Evaporative Family EVP-EFI - 3A

Engine CID (Liters) 168 (2.8)

ABBREVIATIONS

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  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Model

- Datsun 280ZX Grand Luxury Turbocharger
- Datsun 280ZX Grand Luxury T-Bar Roof Turbocharger
- Datsun 280ZX 2+2 Grand Luxury Turbocharger
- Datsun 280ZX 2+2 Grand Luxury T-Bar Roof Turbocharger

DRIVE SYSTEM: Front Engine, Rear Wheel Drive

## 1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Nissan Motor Co., Ltd. E.O. #A-15-54

Engine Family CNS2.8V5FCF8 CID (liter) - Type 168 (2.8) I-6

ECS (Special Features) EGR, TWC, CL (EFI, TC)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
AL28TFM AL28TFM-R1 (1)	Datsun 280ZX Grand Luxury Turbocharger*	M-5	3125	Hitachi D681-02	Engine Control Module	EVK72-52	14805 P9500
	Grand Luxury Turbocharger T-Bar Roof*		3250		A-18-601 Air Flow Meter		
	Grand Luxury Turbocharger 2+2*		3250		A-31-630 Injector A46-0061 A46-0062		
AL28TFA	Grand Luxury Turbocharger T-Bar Roof 2+2*	A3	3375		Engine Control Module A18-602 Air Flow Meter A31-630 Injector A46-0061 A46-0062	EVK72-50	

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue - 102381

Revisions: (1) R/C 28V5C-82-01, add engine code