 EC Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-32
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 1979 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
A140C	85.2/90.8	Air Injection 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 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
A140C	0.41	7.6	1.3

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.

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 4 day of August, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family A140C Engine (CID) 85.2/90.8

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Engine Code	Model
BA140CM1 ABA140CM1	Datsun 210 2-door Sedan Datsun 210 2-door Sedan Deluxe Datsun 210 2-door Sedan Deluxe 5-speed Datsun 210 4-door Sedan Deluxe Datsun 210 Hatchback Datsun 210 Hatchback 5-speed
BA140CM2 ABA140CM2	Datsun 210 5-door Wagon Datsun 210 5-door Wagon 5-speed
BA140CA ABA140CA	Datsun 210 2-door Sedan Deluxe Datsun 210 4-door Sedan Deluxe Datsun 210 Hatchback
BA150CA ABA150CA	Datsun 210 5-door Wagon

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[XX] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family A140C Engine (CID) 85.2/90.8 Engine Code

Emission Control System AI, EGR, OC + 10% (A/C) Yes ___ No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,EI Distr. Part No.	Fuel System 2V Carb. Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
BA140 CM1 ABA140 CM1	210	M4 M5	2250	Hitachi D4K8-02	Hitachi DCH306-61	AEY 75-20	(1) 5° BTDC @ 650D, 700N (2) 2.0 ± 1.0% CO without air injection (3) 650D, 700N
BA140 CM2 ABA140 CM2			2500				
BA140 CA ABA140 CA			2250		Hitachi DCH306-63	AEY 75-22	Manual - Neutral (N) Automatic-Drive (D)
BA150 CA ABA150 CA			2500		Hitachi DCH306-69		

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, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Date of Issue -