State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-115
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 1987 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HNS3.0T5HDC1	180.6	(3.0)	Exhaust Gas Recirculation Air Injection - Valve Dual Bed Catalyst Heated Oxygen Sensor (Central Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.18	2.6	0.5
4000-5999	0.24	3.0	0.5

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.) and, for the listed vehicles in the 0-3999 equivalent inertia weight class, with Health and Safety Code Section 43204.

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 11th day of August, 1986.

Bob Cross for

K. D. Drachand, Chief
Mobile Source Division

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD.

Engine Family HNS3.0T5HDC1

Evaporative Family TBI-3

Engine Type V-6

Liters (CID) 3.0 Liters (180.6 C.I.D.)

ABBREVIATIONS

Ignition System

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

System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor

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
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System
ECC-Electronic Control Carburetor
ECCS-Electronic Concentrated Control System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC-Intercooler or aftercooler
MFI-Mechanical Fuel Injection
TC-Turbocharger

VEHICLE MODELS:

Engine Code	Model	Transmission
AV30ICM1 BV30ICM1]	NISSAN SE V6 REGULAR BED NISSAN SE V6 KING CAB NISSAN HEAVY DUTY NISSAN SE V6 REGULAR BED 4x4	5-Speed Manual
AV30ICA1 BV30ICA1]	NISSAN SE V6 REGULAR BED NISSAN SE V6 KING CAB NISSAN HEAVY DUTY	4-Speed Automatic

Engine: Front X Mid. _____ Rear _____

Drive: FWD _____ RWD X 4WD Full Time _____ 4WD Part Time X
(NISSAN SE V6 REGULAR BED 4x4)

Issue Date :

Revision Date :

E.O. # A-15-115

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD. Engine Family HNS3.0T5HDC1

Liter (CID) 3.0 Liters (180.6 C.I.D.) Eng. Type V-6

Emission Control Sys. (Special Features) TBI/EGR/AIV/TWC+OC/CL/ECCS

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
AV30ICM1	SE V6 REGULAR BED (13.4)	M5	3500	Control Unit MECS-G220 Distributor (crank angle) D6P84-01 (HITACHI) T5T61372 (MITSUBISHI)	Control Unit MECS-G220 Air flow meter + Injector RGA50-1 RGA50-2 (with ASCD)	AEY77-6	20802 01G00 20802 01G05
	SE V6 KING CAB (12.3)		3625				
	HEAVY DUTY (15.0)		3500				
	SE V6 REGULAR BED 4x4 (16.0) **		4000				
BV30ICM1	SE V6 REGULAR BED (12.2)		3375				
	SE V6 KING CAB (11.2)		3500				
	HEAVY DUTY (13.5)						
	SE V6 REGULAR BED 4x4 (14.5) **		4000				
AV30ICA1	SE V6 REGULAR BED (13.4)	L4	3500	Control Unit MECS-G230 Distributor (crank angle) D6P84-01 (HITACHI) T5T61372 (MITSUBISHI)	Control Unit MECS-G230 Air flow meter + Injector RGA50-3 RGA50-4 (with ASCD)	AEY77-7	
	SE V6 KING CAB (12.3)		3625				
	HEAVY DUTY (15.0)		3500				
BV30ICA1	SE V6 REGULAR (12.2)		3500				
	SE V6 KING CAB (11.2)		3625				
	HEAVY DUTY (13.5)		3500				

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.

** EIW of these models is 4000 - 5999 lbs.

Issue Date :

Revision Date :