State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-224
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, 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 1993 model Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: PNS3.0T5FBC1 Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Heated Oxygen Sensor
Exhaust Gas Recirculation
Sequential Multipoint Fuel Injection

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

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight (pounds)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.50	9.0	1.0

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight (pounds)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.28	4.4	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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 Code of Regulations, 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, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 Code of Regulations, Section 2035 et seq.).

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 20th day of February, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-15-224

17.11.01 1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: F 03.0T5FBC1

Pass Cars____ Lt-Duty Trucks X Med-Duty Vehicles____ Gas X Diesel____

Eng.Type VG30E Liter (CID) 3.0 (180.6) Evap.Family FI6-3

Emission Control Sys.(Use SAE Abbrv.) TWC/HO2S/EGR/~~SAN~~ SFI

Engine:Front X Mid. ____ Rear ____ Drive:FWD____ RWD X 4WD-FT____ 4WD-PT ____

Engine Code	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst *** Part No.
AV30ECA8	REGULAR CAB V6 TRUCK 4X4	L4	4000	14.5	Control Unit MECM-1246	EGR Valve AEY77-39	Gxx,xxK Gxx,xxL Gxx,xxB Gxx,xxC
	SE-V6 KING CAB TRUCK 4X4		4250				
BV30ECA8	REGULAR CAB V6 TRUCK 4X4		(1) 3875 (2) 4000				
	SE-V6 KING CAB TRUCK 4X4		4250				

***The figures and numbers in the place of the mark x are variable according to lot number and production date.

1/ (1) Befor R/C No.P30T5FBC-01
(2) After R/C No.P30T5FBC-01

1/ With R/C No.P30T5FBC-01

Issue Date: 01/10/92
Revision Date: 1/ 06/24/92

E.O. # A-15-224

17.11.01 1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: PNS3.0T5FBC1

Pass Cars ____ Lt-Duty Trucks X Med-Duty Vehicles ____ Gas X Diesel ____

Eng.Type VG30E Liter (CID) 3.0 (180.6) Evap.Family F16-3

Emission Control Sys.(Use SAE Abbrv.) TWC/HO2S/EGR/~~[illegible]~~ SFI

Engine:Front X Mid. ____ Rear ____ Drive:FWD ____ RWD ____ 4WD-FT ____ 4WD-PT X

Engine Code	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst *** Part No.
AV30ECM8	REGULAR CAB V6 TRUCK 4X4	M5	4000	14.5	Control Unit MECM-V235 *1 MECM-V238 *2	EGR Valve AEY77-38	Gxx,xxK Gxx,xxL Gxx,xxB Gxx,xxC
	SE-V6 KING CAB TRUCK 4X4		4250				
BV30ECM8	REGULAR CAB V6 TRUCK		3875				
	SE-V6 KING CAB TRUCK 4X4		4250				

***The figures and numbers in the place of the mark x are variable according to lot number and production date.

1/ This page is not changed by R/C No.P30T5FBC-01

2/ *1 Before R/C No. P30T5FBC-02
*2 After R/C No. P30T5FBC-02

2/ With R/C No. P30T5FBC-02

Issue Date: 01/10/92
Revision Date: 1/ 06/24/92 2/ 01/07/93

E.O. # A-15-224

17.11.01 1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: PNS3.0T5FBC1

Pass Cars____ Lt-Duty Trucks__X__ Med-Duty Vehicles____ Gas__X__ Diesel____

Eng.Type__VG30E_____ Liter (CID) 3.0 (180.6) Evap.Family FI6-3

Emission Control Sys.(Use SAE Abbrv.) TWC/HO2S/EGR/SFI

Engine:Front _X__ Mid. ____ Rear ____ Drive:FWD___ RWD___ 4WD-FT___ 4WD-PT _X__

Engine Code	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst *** Part No.
AV30ECA8	PATHFINDER XE-V6 4-DOOR 4x2	L4	4000	*1 *2 15.5/16.0	Control Unit MECM-V235	EGR Valve AEY77-38	Gxx,xxK Gxx,xxL Gxx,xxB Gxx,xxC
	PATHFINDER XE-V6 4-DOOR 4x4		4500	*2 16.0			
	PATHFINDER SE-V6 4-DOOR 4x4						
BV30ECA8	PATHFINDER XE-V6 4-DOOR 4x2		4000	*1 *2 14.0/14.5			
	PATHFINDER XE-V6 4-DOOR 4x4		4500				

*1 : with P215/75 R15 Tire
*2 : with P235/75 R15 Tire

***The figures and numbers in the place of the mark x are variable according to

With R/C No.P30T5FBC-01

Issue Date: 08/24/92
Revision Date:

17.11.01 1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # A-15-224

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: PNS3.0T5FBC1

Pass Cars____ Lt-Duty Trucks X Med-Duty Vehicles____ Gas X Diesel____

Eng.Type VG30E Liter (CID) 3.0 (180.6) Evap.Family FIG-3

Emission Control Sys.(Use SAE Abbrv.) TWC/HO2S/EGR/~~MAS~~ SFI

Engine:Front X Mid. ___ Rear ___ Drive:FWD___ RWD___ 4WD-FT___ 4WD-PT X

Engine Code	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst *** Part No.
AV30ECM8	PATHFINDER XE-V6 4-DOOR 4x2	M5	4000	*1 *2 15.5/16.0	Control Unit MECM-V275 (1) MECM-V278 (2)	EGR Valve AEY77-38	Gxx,xxK Gxx,xxL Gxx,xxB Gxx,xxC
	PATHFINDER XE-V6 4-DOOR 4x4		4500	*2 16.0			
	PATHFINDER SE-V6 4-DOOR 4x4						
BV30ECM8	PATHFINDER XE-V6 4-DOOR 4x2		4250	*1 *2 14.0/14.5			
	PATHFINDER XE-V6 4-DOOR 4x4		4500				

*1 : with P215/75 R15 Tire
*2 : with P235/75 R15 Tire

***The figures and numbers in the place of the mark x are variable according to lot number and production date.

2/ (1) Before R/C No. P30T5FBC-01
(2) After R/C No. P30T5FBC-02

1/ With R/C No.P30T5FBC-01

2/ With R/C No.P30T5FBC-02

Issue Date: 06/24/92
Revision Date: 2/ 01/07/93