

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-199  
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 1992 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NNS1.6V5FAA3 Displacement: 1.6 Liters (98 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.39	7.0	0.4

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.24	2.3	0.2

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 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 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 provisions (California Health and Safety Code Section 43205).

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 31<sup>st</sup> day of July, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

#17.11.01-1

E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1

Manufacturer: NISSAN MOTOR CO.,LTD.

Engine Family: NNS1.6V5FAA3

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

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrev.) TWC/O2S/EGR/SMPI

Engine:Front X Mid.      Rear      Drive:FWD X RWD      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.
AG16DCM1 BG16DCM1	SENTRA E 2-DOOR SEDAN	M4	2625	5.6* 6.1**	Control Unit A11-C15 (JECS), JA11 C25 (AUTECS)		
AG16DCM2	SENTRA E 4-DOOR SEDAN	M5	2625	5.6* 6.1** 6.5***	Control Unit A11-C14 (JECS) JA11 C24 (AUTECS)	EGR Valve AEY77-45	FxxxG, AxxxI, FxxxJ, FxxxD, FxxxE
	SENTRA XE 4-DOOR SEDAN		2750	6.1** 6.5***			
	SENTRA XE 2-DOOR SEDAN						
	SENTRA GXE 4-DOOR SEDAN						

\* with 155R13 tire (GENERAL)

\*\* with 175/70R13 tire (MICHELIN)

\*\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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

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Revision Date:

\*17.11.01-2

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17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 2

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap.Family FI4-2

Emission Control Sys. (Use SAE Abbrv.) TWC/O2S/EGR/SMPI

Engine: Front X Mid. \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD X RWD \_\_\_\_\_ 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.
AG16DCM2	SENTRA SE 2-DOOR SEDAN	M5	2750	6.1** 6.5***	Control Unit A11-C14 (JECS), JA11 C24 (AUTECS)	EGR Valve AEY77-45	FxxxG, AxxxI, FxxxJ, FxxxD, FxxxE
	NX 1600			6.2*			
	NX 1600 (with T-bar roof)						

\* with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

\*\* with 175/70R13 tire (MICHELIN)

\*\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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E.O. #A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 3

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng.Type In-line 4,DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrv.) TWC/O2S/EGR/SMPI

Engine Front X Mid. \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD 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.
BG16DCM2	SENTRA E 4-DOOR SEDAN	M5	2625	5.6* 6.1** 6.5***	Control Unit A11-C14 (JECS), JA11 C24 (AUTECS)	EGR Valve AEY77-45	FxxxG, Axxx1, FxxxJ, FxxxD, FxxxE
	SENTRA XE 4-DOOR SEDAN		2750				
	SENTRA XE 2-DOOR SEDAN		2625				
	SENTRA GXE 4-DOOR SEDAN		2750				

\* with 155R13 tire (GENERAL)

\*\* with 175/70R13 tire (MICHELIN)

\*\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 4

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3

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

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap.Family FI4-2

Emission Control Sys. (Use SAE Abbrev.) TWC/O2S/EGR/SMPI

Engine: Front X Mid.      Rear      Drive: FWD X RWD      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.
BG16DCM2	SENTRA SE 2-DOOR SEDAN	M5	2625	6.1** 6.5***	Control Unit A11-C14 (JECS), JA11 C24 (AUTECS)	EGR Valve AEY77-45	FxxxG, AxxxI, FxxxJ, FxxxD, FxxxE
	NX 1600 NX 1600 (with T-bar roof)		2750	6.2*			

\* with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

\*\* with 175/70R13 tire (MICHELIN)

\*\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 5

Manufacturer: NISSAN MOTOR CO., LTD.

Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng.Type : In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbv.) TWC/O2S/EGR/SMPI

Engine: Front X Mid. Rear Drive: FWD X RWD 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.
AG16DCA1	SENTRA E 2-DOOR SEDAN	L3	2750	5.6* 6.1** 6.5***	Control Unit A11-C17 (JECS), JA11 C27 (AUTECS)	EGR Valve AEY77-45	FxxxG, AxxxI, FxxxJ, FxxxD, FxxxE
	SENTRA E 4-DOOR SEDAN		2625				
BG16DCA1	SENTRA E 2-DOOR SEDAN		2750				
	SENTRA E 4-DOOR SEDAN						

\* with 155R13 tire (GENERAL)

\*\* with 175/70R13 tire (MICHELIN)

\*\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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#17.11.01-6

E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 6

Manufacturer: NISSAN MOTOR CO., LTD.

Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrev.) TWC/O2S/EGR/SMPI

Engine: Front X Mid. \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD X RWD \_\_\_\_\_ 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.
AG16DCA2	SENTRA XE 4-DOOR SEDAN	L4	2750	6.1* 6.5**	Control Unit A11-C16 (JECS), JA11 C26 (AUTECS)	EGR Valve AEY77-45	FxxxG, AxxxI, FxxxJ, FxxxD, FxxxE
	SENTRA XE 2-DOOR SEDAN						
	SENTRA GXE 4-DOOR SEDAN						
	SENTRA SE 2-DOOR SEDAN						

\* with 175/70R13 tire (MICHELIN)

\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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Revision Date:



#17.11.01-7

E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 7

Manufacturer: NISSAN MOTOR CO., LTD.

Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrv.) TWC/O2S/EGR/SMPI

Engine: Front X Mid. \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD X RWD \_\_\_\_\_ 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.
AG16DCA2	NX 1600	L4	2750	6.2*	Control Unit	EGR Valve AEY77-45	FxxxG,
	(with T-bar roof)				A11-C19 (JECS)		AxxxI, FxxxJ, FxxxD, FxxxE

\* with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

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#17.11.01-8

E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 8

Manufacturer: NISSAN MOTOR CO., LTD.

Engine Family: NNS1.6V5FAA3

Passenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_ Gas X Diesel \_\_\_\_\_

Eng.Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrv.) TWC/O2S/EGR/SMPI

Engine: Front X Mid. \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD X RWD \_\_\_\_\_ 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.
BG16DCA2	SENTRA XE 4-DOOR SEDAN	L4	2750	6.1* 6.5**	Control Unit A11-C16 (JECS), JA11 C26 (AUTECS)	EGR Valve AEY77-45	FxxxG, FxxxI, FxxxJ, FxxxD, FxxxE
	SENTRA XE 2-DOOR SEDAN						
	SENTRA GXE 4-DOOR SEDAN						
	SENTRA SE 2-DOOR SEDAN						

\* with 175/70R13 tire (MICHELIN)

\*\* with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

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#17.11.01-9

E.O. # A-15-199

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 9

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3

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

Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2

Emission Control Sys. (Use SAE Abbrev.) TWC/O2S/EGR/SMPI

Engine: Front X Mid.        Rear        Drive: FWD X RWD        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.
GB16DCA2	NX 1600	L4	2750	6.2*	Control Unit A11-C19 (JECS)	EGR Valve AEY77-45	FxxxG,
	Axxx1,						
	NX 1600 (with T-bar roof)						FxxxJ,
							FxxxD,
							FxxxE

\* with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

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

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