

NISSAN MAXIMA

MODEL A32 SERIES

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FOREWORD

This manual contains maintenance and repair procedures for the 1995 Nissan MAXIMA.

In order to assure your safety and the efficient functioning of the vehicle, this manual should be read thoroughly. It is especially important that the PRECAUTIONS in the GI section be completely understood before starting any repair task.

All information in this manual is based on the latest product information at the time of publication. The right is reserved to make changes in specifications and methods at any time without notice.

IMPORTANT SAFETY NOTICE

The proper performance of service is essential for both the safety of the technician and the efficient functioning of the vehicle.

The service methods in this Service Manual are described in such a manner that the service may be performed safely and accurately.

Service varies with the procedures used, the skills of the technician and the tools and parts available. Accordingly, anyone using service procedures, tools or parts which are not specifically recommended by NISSAN must first completely satisfy himself that neither his safety nor the vehicle's safety will be jeopardized by the service method selected.



NISSAN MOTOR CO., LTD.

Overseas Service Department

Tokyo, Japan

QUICK REFERENCE CHART : MAXIMA 1995

ENGINE TUNE-UP DATA

Engine model	VQ30DE		
Firing order	1-2-3-4-5-6		
Idle speed	rpm	M/T	650±50
		A/T (in "N" position)	700±50
Ignition timing	(degree BTDC at idle speed)	M/T: A/T:	15°±2°
CO% at idle	Idle mixture screw is preset and sealed at factory.		
Drive belt deflection (Cold)	mm (in)	Used belt	
		Limit	Deflection after adjustment
Alternator With air conditioner compressor		7 (0.28)	4.2 - 4.6 (0.165 - 0.181)
			3.8 - 4.1 (0.150 - 0.161)
Without air conditioner compressor		10 (0.39)	6.3 - 6.9 (0.248 - 0.272)
			5.8 - 6.2 (0.228 - 0.244)
Power steering oil pump		11 (0.43)	7.3 - 8 (0.287 - 0.315)
			6.5 - 7 (0.256 - 0.276)
Applied pressed force	N (kg, lb)	98 (10, 22)	
Radiator cap relief pressure	kPa (kg/cm ² , psi)	78 - 98 (0.8 - 1.0, 11 - 14)	
Cooling system leakage testing pressure	kPa (kg/cm ² , psi)	157 (1.6, 23)	
Compression pressure	Standard	1,275 (13.0, 185)/300	
	kPa (kg/cm ² , psi)/rpm Minimum	981 (10.0, 142)/300	
High tension cable resistance	kΩ	-	
Spark plug	Type	PFR5G-11	
	Gap mm (in)	1.0 - 1.1 (0.039 - 0.043)	

CLUTCH PEDAL

	Unit: mm (in)
Pedal height	168 - 175 (6.61 - 6.89)
Pedal free play	1 - 3 (0.04 - 0.12)

FRONT WHEEL ALIGNMENT (Unladen*)

Camber	degree	-1°00' to 30'
Caster	degree	2°00' - 3°30'
Toe-in		
	A - B mm (in)	1 - 3 (0.04 - 0.12)
Total angle 2θ	degree	11' - 32'
Wheel turning angle (Full turn)		
	Inside	37° - 41°
Outside	28°42' - 32°42'	

* Fuel, radiator coolant and engine oil full.
Spare tire, jack, hand tools and mats in designated positions.

REAR WHEEL ALIGNMENT (Unladen*)

Camber	degree	-1°45' to -0°15'
Toe-in		
	A - B mm (in)	-3 to 5 (-0.12 to 0.20)
Total angle 2θ	degree	-16' to 26'

* Fuel, radiator coolant and engine oil full.
Spare tire, jack, hand tools and mats in designated positions.

BRAKE

		Unit: mm (in)
Front brake		
Pad wear limit		2.0 (0.079)
Rotor repair limit		20.0 (0.787)
Rear brake		
Pad wear limit		1.5 (0.059)
Rotor repair limit		8.0 (0.315)
Pedal free height		
		M/T: 158 - 168 (6.22 - 6.61) A/T: 167 - 177 (6.57 - 6.97)
Pedal depressed height*1		M/T: 90 (3.54) A/T: 95 (3.74)
Parking brake		
Number of notches*2		10 - 11

*1 Under force of 490 N (50 kg, 110 lb) with engine running
*2 At pulling force: 196 N (20 kg, 44 lb)

REFILL CAPACITIES

	Unit	Liter	US measure
Fuel tank		70	18-1/2 gal
Coolant		10.6	11-1/4 qt
Engine	With oil filter	4.4	4-5/8 qt
	Without oil filter	4.2	4-1/2 qt
Transaxle	M/T	RSF50V	4.2 - 4.5
		RSF50A	4.4 - 4.7
	A/T		9.6
Power steering system		1.1	1-1/8 qt
Air conditioning system	Refrigerant	0.775 - 0.825	1.709 - 1.819 lb
	Compressor oil	0.25	8.5 fl oz