

NISSAN MAXIMA

MODEL A32 SERIES

QUICK REFERENCE INDEX

GENERAL INFORMATION	GI
MAINTENANCE	MA
ENGINE MECHANICAL	EM
ENGINE LUBRICATION & COOLING SYSTEMS	LC
ENGINE CONTROL SYSTEM	EC
ACCELERATOR CONTROL, FUEL & EXHAUST SYSTEMS	FE
CLUTCH	CL
MANUAL TRANSAXLE	MT
AUTOMATIC TRANSAXLE	AT
FRONT AXLE & FRONT SUSPENSION	FA
REAR AXLE & REAR SUSPENSION	RA
BRAKE SYSTEM	BR
STEERING SYSTEM	ST
BODY	BF
HEATER & AIR CONDITIONER	HA
ELECTRICAL SYSTEM	EL
ALPHABETICAL INDEX	IDX

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	mm (in)	1 - 3 (0.04 - 0.12)
Total angle 2θ	degree	11' - 32'
Wheel turning angle (Full turn)	degree	37° - 41°
Inside		28°42' - 32°42'
Outside		

* 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	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	8-7/8 - 9-1/2 pt
	A/T RSF50A	4.4 - 4.7	9-1/4 - 10 pt
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