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FOREWORD

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

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.

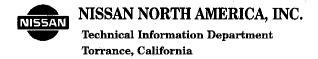
All information in this manual is based on the latest product information at the time of publication. The right is reserved to make changes in specifications and methods at any time without notice.

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.



QUICK REFERENCE CHART: STANZA ALTIMA

ENGINE TUNE-UP DATA

Engine model			KA24DE	
Firing order			1-3-4-2	
Idle speed	rpm	<u> </u>		
M/T			700 ± 50	
A/T (in "N" position)			700 ± 50	
Ignition timing (degree B.T.D.C. at idle speed)			20" ± 2"	
CO% at idle		idle mixture screw is preset and sealed at factory		
Valve clearance (Hot)	mm (in)			
Intake		0.3	1 - 0.39 (0.012 - 0.	015)
Exhaust		0.3	3 - 0.41 (0.013 - 0.)	016)
Spark plug				
	Standard		BKR5E-11	
Туре	Cold		BKR6E-11	
		BKR7E-11		
Gap	mm (in)	1.0 - 1.1 (0.039 - 0.043)		43)
Drive belt deflection (Cold)	mm (in)	Use	d belt	
		Limit	Deflection after adjustment	Deflection of new belt
Generator & power steering oil pump		8 (0.31)	6 - 7 (0.24 - 0.28)	5 - 6 (0.20 - 0.24)
Air conditioner compressor		10 (0.39)	7 - 8 (0.28 - 0.31)	6 - 7 (0.24 - 0.28)
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 pre kPa	ssure (kg/cm ² , psi)		157 (1.6, 23)	
Compression pressure		00		
kPa (kg/cm2, psi)/rpm	Minimum	1,030 (10.5, 149)/300		00
Tightening torque		N·m	kg⋅m	ft-lb
Spark plug		20 - 29	2.0 - 3.0	14 - 22
Oli pan drain plug		20 - 39	3.0 - 4.0	22 - 29

CLUTCH PEDAL

	Unit: mm (in)
Pedal height	168 - 178 (6.61 - 7.01)
Pedal free play	9 - 16 (0.35 - 0.63)

FRONT WHEEL ALIGNMENT (Unladen*)

Camber	degree	-0°50' to 0°40'
Caster	degree	1°55' - 3°25'
Kingpin inclination	degree	13"20" - 14"50"
Toe-in		
A - B	mm (in)	0 2 (0 0.08)
Total angle 29	degree	0' - 12'
Turning angle	degree	
Inside		31°30' - 35°30'
Outside		25°36' - 29°36'

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

REAR WHEEL ALIGNMENT (Unladen*)

Camber	degree	-2°00 to -0°30'
Toe-in		
A – B	mm (in)	1 - 3 (0.04 - 0.12)
Total angle 20	degree	6' - 18'

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

BRAKE

	Unit: mm (in
Disc brake	
Pad minimum thickness	2.0 (0.079)*1, 1.5 (0.059)*2
Rotor repair limit Minimum thickness	20.0 (0.787)*1, 8.0 (0.315)*2
Drum brake	
Lining minimum thickness	1.5 (0.059)
Drum repair limit Maximum inner diameter	230.0 (9.06)
Pedal free height	M/T: 169 - 179 (6.65 - 7.05) A/T: 177 - 187 (6.97 - 7.36)
Pedal depressed height*3	90 (3.54)
Parking brake	
Number of notches*4	7 - 8

- Tont disc brake
 Rear disc brake
 Under force of 490N (50kg, 110lb) with engine running
 At pulling force: 196N (20kg, 44lb)

REFILL CAPACITIES

Uni	t	Liter	US measure
Fuel tank		60	15-7/8 gal
Coolant	With reservoir tank	7.8	8-1/4 qt
Engine	With oil filter	3.9	4-1/8 qt
	Without oil filter	3.5	3-3/4 qt
Transaxle	M/T	4,7	10 pt
	A/T	9.4	10 qt
Power steering system		0.9	1 qt
Air conditioning system	Lubricant	0.2	6.8 fl oz
	Refrigerant*	0.7 - 0.8 kg	1.5 - 1.8 lb

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