INFINITI®

G20

MODEL P10 SERIES

QUICK REFERENCE INDEX

INFINITI®

FOREWORD

This manual contains maintenance and repair procedures for the 1994 INFINITI G20.

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 INFINITI must first completely satisfy himself that neither his safety nor the vehicle's safety will be jeopardized by the service method selected.

INFINITI®

NISSAN MOTOR CO., LTD.
Overseas Service Department
Tokyo, Japan

QUICK REFERENCE CHART : G20

ENGINE TUNE-UP DATA

Engine model			SR20DE		
Firing order			1-3-4-2		
Idle speed rpm	M/T		800±50		
	A/T (in "N" position)				
Ignition timing (B.T.D.C. at idle speed)			15°±2°		
CO% at idle			Idle mixture screw is preset and sealed at factory.		
Drive belt deflection (Cold) mm (in)			Used belt deflection		Deflection of new belt
			Limit	Deflection after adjustment	
Alternator	With air conditioner compressor		11.5 - 12.5 (0.453 - 0.492)	7 - 8 (0.28 - 0.31)	6.5 - 7.5 (0.256 - 0.295)
	Without air conditioner compressor		12 - 13 (0.47 - 0.51)	8 - 9 (0.31 - 0.35)	7 - 8 (0.28 - 0.31)
Power steering oil pump			6 - 7 (0.24 - 0.28)	4 - 5 (0.16 - 0.20)	3.5 - 4.5 (0.138 - 0.177)
Applied pushing force N (kg, lb)			98 (10, 22)		
Radiator cap relief pressure kPa (kg/cm², psi)			78 - 98 (0.8 - 1.0, 11 - 14)		
Cooling system leakage testing pressure kPa (kg/cm², psi)			157 (1.6, 23)		
Compression pressure kPa (kg/cm², psi)/rpm	Standard		1,226 (12.5, 178)/300		
	Minimum		1,030 (10.5, 149)/300		
Spark plug	Type (Standard)		PFR5B-11, BKR6E		

FRONT WHEEL ALIGNMENT (Unladen*)

Camber	degree	−0°45′ to 0°45′
Caster	degree	1°05′ - 2°35′
Kingpin inclination	degree	13°45′ - 15°15′
Toe-in		
A − B	mm (in)	0 - 2 (0 - 0.08)
Total angle 2θ	degree	0′ - 12′
Wheel turning angle (Full turn)	degree	
Inside		33° - 37°
Outside		28° - 32°

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

REAR WHEEL ALIGNMENT (Unladen*)

Camber	degree	−1°50′ to −0°20′
Toe-in		
A − B	mm (in)	−1 to 3 (−0.04 to 0.12)
Total angle 2θ	degree	−5′ to 15′

* Fuel, radiator 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	151 - 161 (5.94 - 6.34)
	A/T	159 - 169 (6.26 - 6.65)
Pedal depressed height*	M/T	80 (3.15) or more
	A/T	85 (3.35) or more

* Under force of 490 N (50 kg, 110 lb) with engine running

REFILL CAPACITIES

Unit		Liter	US measure
Fuel tank		60	15-7/8 gal
Coolant (With reservoir tank)	M/T	6.1	6-1/2 qt
	A/T	6.5	6-7/8 qt
Engine	With oil filter	3.4	3-5/8 qt
	Without oil filter	3.2	3-3/8 qt
Transaxle	M/T	3.5 - 3.7	7-3/8 - 7-7/8 pt
	A/T	7.0	7-3/8 qt
Power steering system		0.9	1 qt
Air conditioning system	Compressor oil	0.2	6.8 fl oz
	Refrigerant	0.70 - 0.80 kg	1.54 - 1.76 lb

GENERAL INFORMATION

SECTION GI

CONTENTS

Thank you very much for your reading.

Please click here and go back to the website.

Then, you can download the complete manual instantly.

No waiting.