1974 DATSUN 260Z SERVICE MANUAL

NISSAN

NISSAN MOTOR CO., LTD. Tokyo, Japan

P/N 20041

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DATSUN S30

SERVICE MANUAL

MODEL S30 SERIES



NISSAN

NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

QUICK REFERENCE INDEX

GENERAL INFORMATION	GI
ENGINE TUNE-UP	ET
ENGINE MECHANICAL	EM
ENGINE LUBRICATION SYSTEM	EL
COOLING SYSTEM	CO
ENGINE FUEL	EF
EMISSION CONTROL SYSTEM	EC
ENGINE ELECTRICAL SYSTEM	EE
ENGINE REMOVAL AND INSTALLATION	ER
CLUTCH	CL
TRANSMISSION	TM
AUTOMATIC TRANSMISSION	AT
PROPELLER SHAFT AND DIFFERENTIAL CARRIER	PD
FRONT AXLE AND FRONT SUSPENSION	FA
REAR AXLE AND REAR SUSPENSION	RA
BRAKE SYSTEM	BR
WHEEL AND TIRE	WT
STEERING SYSTEM	ST
ENGINE CONTROL FUEL AND EXHAUST PIPING	FE
BODY	BF
BODY ELECTRICAL SYSTEM	BE
AIR CONDITIONING	AC
SERVICE EQUIPMENT	SE

FOREWORD

This service manual has been prepared for the purpose of assisting service personnel of authorized NISSAN/DATSUN dealers in providing effective service and maintenance of the 1974 Datsun 260Z.

Since proper maintenance and service are absolutely essential in satisfying the Datsun owners, this manual should be kept in a handy place for ready reference and should be carefully studied.

This manual includes procedures for maintenance adjustments, minor service operations, removal and installation, and for disassembly and assembly of components.

Some of these service operations require the use of Special Tools especially designed for effective performance of service operations.
The special tools are presented in the "SE" section.

As you read through the maintenance procedures in this service manual, you will occasionally come across paragraphs headed NOTE or CAUTION. A NOTE is supplemental information that is important to a particular procedure. CAUTION warns of steps that must be followed to prevent personal injury and/or damage to some part of your DATSUN.

The Quick Reference Index on the first page enables the user to quickly locate the desired section. At the beginning of each individual section is a table of contents, which gives the page number on which each major subject begins. An index is placed at the beginning of each major subject within the section.

All information, illustrations and specifications contained in this manual are based on the latest product information available at the time of publication approval.

Rights for alteration at any time of specifications and methods are reserved.

Liability for any personal injury or property damage occasioned by the use of this service manual in effecting maintenance or repair of your Datsun is in no way assumed by Nissan Motor Co., Ltd.

Accordingly, anyone using a service procedure or tool which is not specifically recommended by Nissan must first completely satisfy himself that neither his safety nor the car's safety will be jeopardized by the service method selected.

NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

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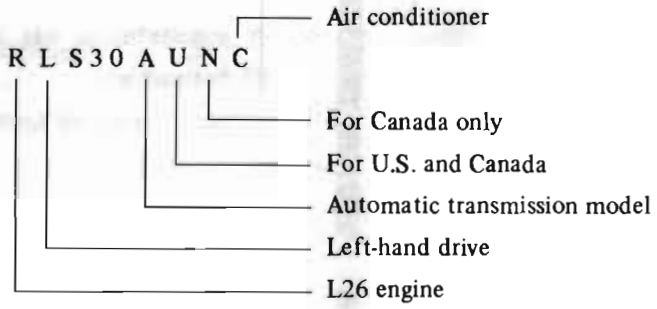
SECTION GI

GENERAL INFORMATION

MODEL VARIATION ..... GI- 2
IDENTIFICATION NUMBERS ..... GI- 2
APPROXIMATE REFILL CAPACITIES ..... GI- 3
RECOMMENDED PETROL (FUEL) ..... GI- 3
RECOMMENDED LUBRICANTS ..... GI- 4
LIFTING POINTS AND TOWING ..... GI- 5

MODEL VARIATION

Model	Engine	Transmission type - speed	Transmission control	Final gear ratio
RLS30U	L26	F4W71B	Manual	3.364
RLS30UN		F4W71B	Manual	3.364
RLS30AU		3N71B	Automatic	3.545
RLS30AUN		3N71B	Automatic	3.545

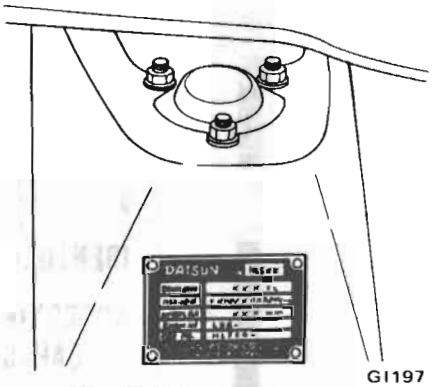


IDENTIFICATION NUMBERS

The unit and car numbers are stamped and registered at the factory.

The engine and car identification numbers are used on legal documents.

These numbers are used for factory communication such as Technical Report, Warranty Claim, Service Journal and other information.



GI197

Fig. GI-1 Car identification plate location



GI198

Fig. GI-2 Car serial number location

CAR IDENTIFICATION PLATE

The car identification plate is located on the right panel of the hood ledge.

The plate contains the car type, engine capacity, maximum horsepower, wheelbase and engine and car serial numbers.

CAR SERIAL NUMBER

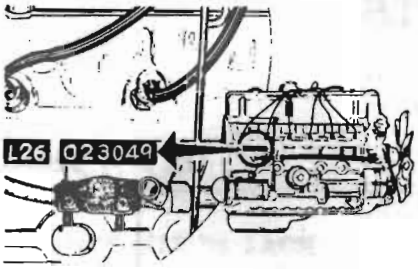
The car serial number is stamped on the instrument panel and can be seen from outside. The car number consists of the car model and the serial number.

(RLS30-XXXXX)

ENGINE SERIAL NUMBER

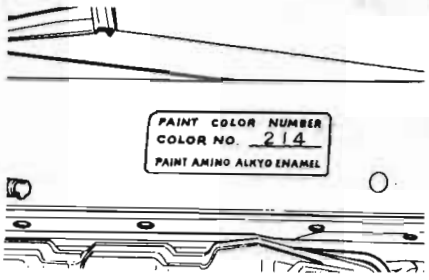
The engine serial number is stamped on the right side of the cylinder block.

The number is broken down as shown in the following Figure GI-3.



GI199

Fig. GI-3 Engine serial number location



GI200

Fig. GI-4 Body color number location

Body color number		Body color
1.	110*	Red
2.	214	Brown metallic
3.	301	Brown metallic
4.	302	Leaf green metallic
5.	303	Green metallic
6.	304	Gold metallic
7.	305	Light blue metallic
8.	306	Silver metallic
9.	307	Blue metallic
10.	904*	White

Note: Items with an asterisk "*" – one coat and one bake. Other items – two coats and one bake.

COLOR CODE NUMBER LABEL

The body color number plate is attached on the top face of radiator core support.

APPROXIMATE REFILL CAPACITIES

		Liters	U.S. measure	Imper. measure
Fuel tank		60	15 7/8 gal.	13 1/4 gal.
Engine cooling system (with heater)	*1	8.6 (9.4)	9 1/8 qt. (10 qt.)	7 5/8 qt. (8 1/4 qt.)
Engine crankcase	*2	4.7	5 qt.	4 1/8 qt.
Transmission case	Manual	1.5	3 1/8 pt.	2 5/8 pt.
	Automatic	5.5	5 7/8 qt.	4 7/8 qt.
Differential case		1.0	2 1/8 pt.	1 3/4 pt.

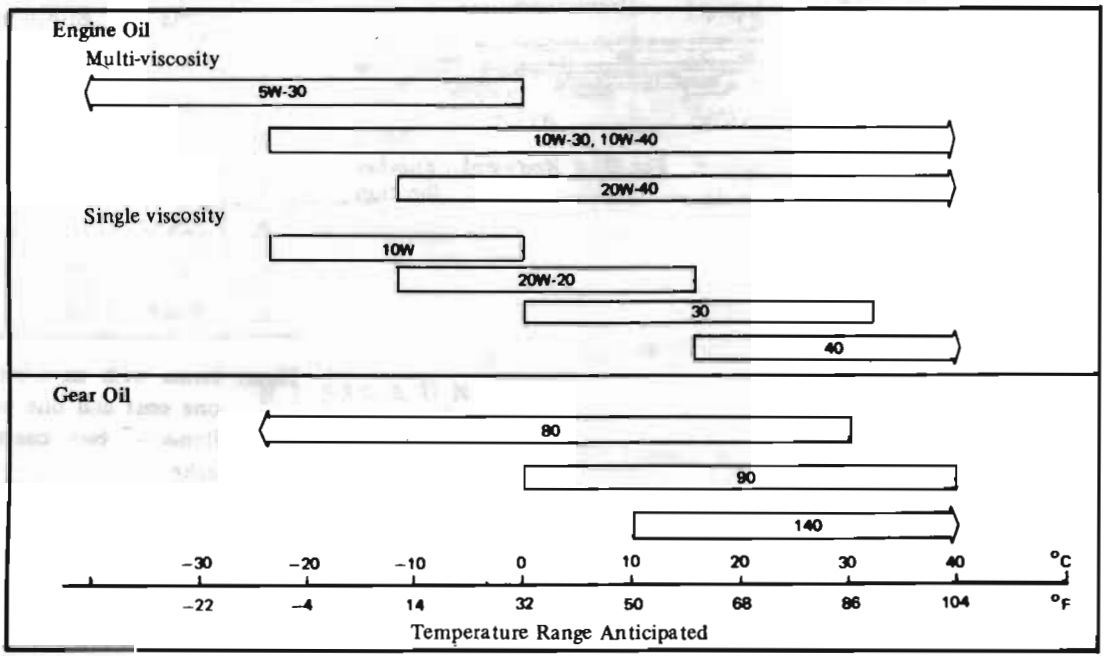
*1 Includes 0.8 liter (¼ U.S.gal., 1⅛ Imp.gal.) required for heater.
*2 Includes 0.7 liter (1 ½ U.S.pt., 1 ¼ Imp.pt.) required for oil filter replacement.

RECOMMENDED PETROL (Fuel)

Use a no-lead or low-lead gasoline with a minimum octane rating of 87 (the average of the Research and Motor Octane Numbers in the U.S.). When the figure is based on the Research Octane Number, use a gasoline with a minimum octane rating of 91 (RON) in Canada.

RECOMMENDED LUBRICANTS

RECOMMENDED SAE VISCOSITY NUMBER



LUBRICANT SPECIFICATION

(For U.S.A. and Canada) from June 1, 1972.

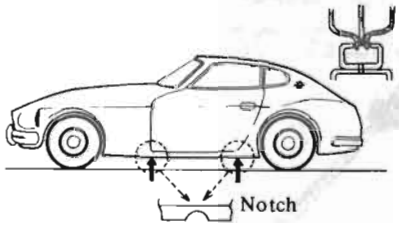
Item		Specifications	Remarks
Gasoline engine oil		SAE Classification SD or SE	Furthermore refer to SAE recommended viscosity table. See Page 4.
Gear oil	Transmission and steering	API GL-4	———
	Differential	API GL-5	———
Automatic T/M fluid		Type DEXRON	———
Multipurpose grease		NLGI 2	Lithium soap base
Brake and clutch fluid		DOT 3	———
Antifreeze		———	Permanent anti-freeze (Ethylene glycol base)

LIFTING POINTS AND TOWING

JACK UP

PANTOGRAPH JACK

Place a jack under the position where sill flange is cut for identification. Do not jack up other positions.



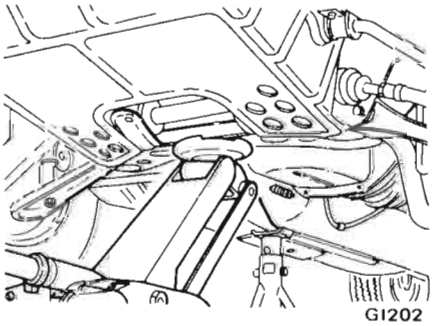
GI201

Fig. GI-5 Jacking point

GARAGE JACK

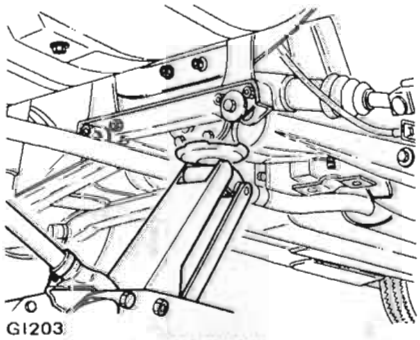
The front jacking point is center of front suspension member and rear is differential gear carrier.

Do not place a jack on the center portion of front suspension transverse link.



GI202

Fig. GI-6 Front jacking point

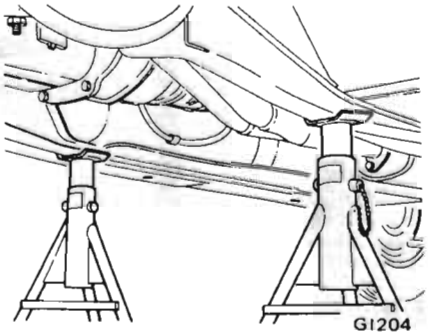


GI203

Fig. GI-7 Rear jacking point

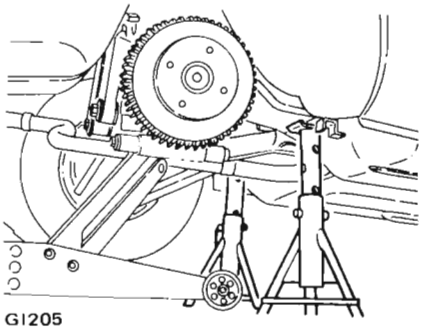
SUPPORTABLE POINT

Front supportable points for stand are both front side members. Rear supportable points are on both sides of front differential mounting cross-member.



GI204

Fig. GI-8 Front supportable point



GI205

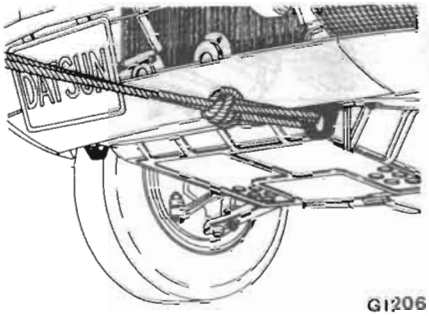
Fig. GI-9 Rear supportable point

TOWING

MANUAL TRANSMISSION MODEL

Tow forward at hook as shown in Figure GI-10. Do not tow at front suspension member or transverse link. Be careful not to apply impact load to the hook.

Allowable load of hook is less than 1,000 kg (2,205 lb).



GI206

Fig. GI-10 Front towing point

AUTOMATIC TRANSMISSION MODEL

The car may be towed safely on its rear wheels on the ground with the select lever in "N" (Neutral) position of at speeds of less than 18.8MPH (30 km/h). However, the propeller shaft must be disconnected or the car must be towed on its front wheels in the ground under the following conditions:

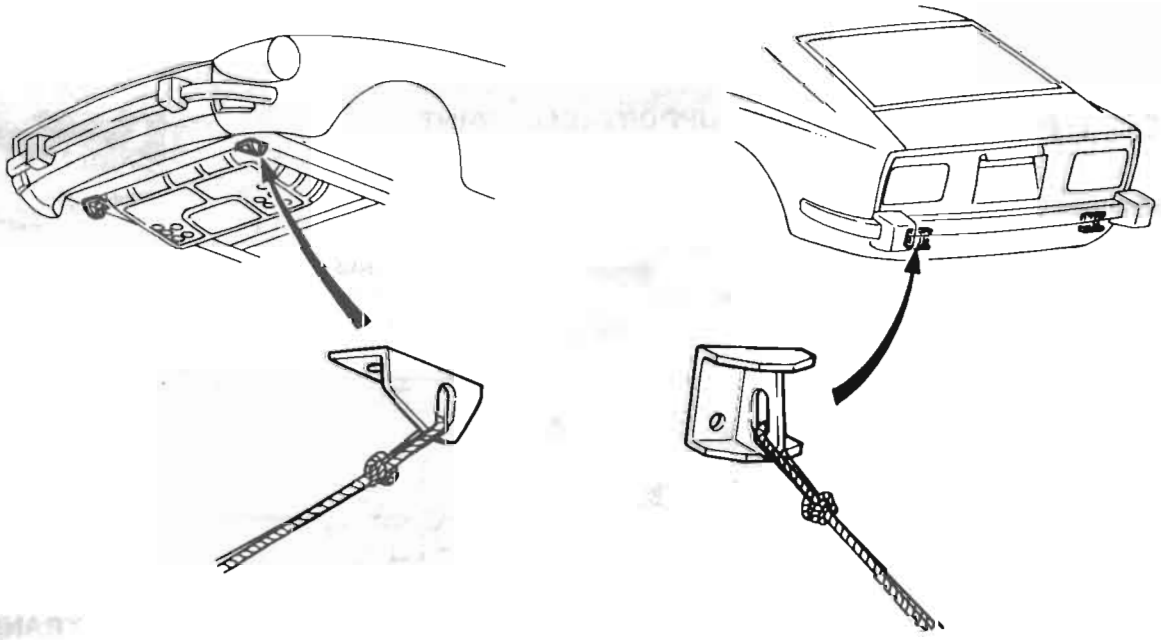
1. Tow speed of more than 18.8 MPH (30 km/h).
2. Car must be towed for a long distance (over 6 miles or 10 km).
3. Transmission is not operating properly.

If car is towed on its front wheels on the ground, the steering wheel should be secured to maintain a straight ahead position.

TIE-DOWN

There are four tie-down hooks. Two of them are located on the front side members, and the other two on the rear crossmembers. The one on the left front side member is also used as a towing hook.

Note: When fastening chains to the rear transverse link, wrap them around the link to avoid interfering with any adjacent parts.



GI207

Fig. GI-11 Tie-down