

SERVICE MANUAL

**DATSUN 280Z
MODEL S30 SERIES**



CAR SERIAL NUMBER

BODY AND UPHOLSTERING CODES

NISSAN

NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

SECTION GI

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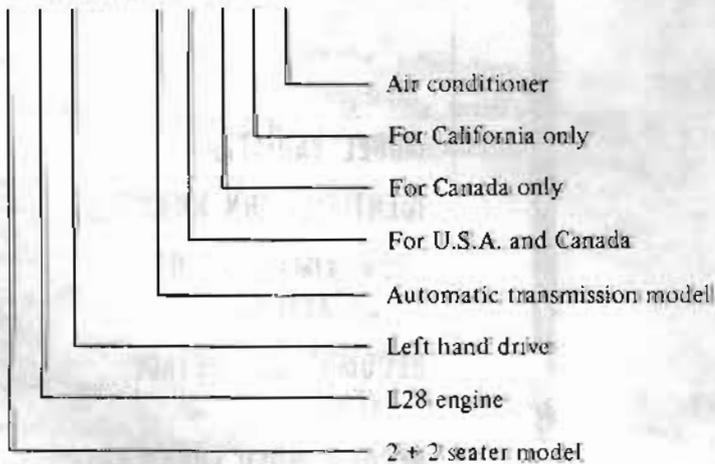
General Information

MODEL VARIATION

Destination	Class	Model	Engine	Transmission model	Tire size	Differential gear carrier		
						Model	Gear ratio	
U.S.A.	All areas except California	2-seater	L28	HLS30U	F4W71B	175HR-14 195/70HR-14*	R200	3.545
				HLS30AU	3N71B			
		2 + 2-seater		GHLS30U	F4W71B			
				GHLS30AU	3N71B			
	California	2-seater		HLS30UV	F4W71B			
				HLS30AUV	3N71B			
		2 + 2-seater		GHLS30UV	F4W71B			
				GHLS30AUV	3N71B			
Canada	2-seater	HLS30UN	F4W71B					
		HLS30AUN	3N71B					
	2 + 2-seater	GHLS30UN	F4W71B					
		GHLS30AUN	3N71B					

Items with an asterisk "*": Steel radial with tube.

G H L S30 A U N V C



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.

CAR IDENTIFICATION PLATE

The car identification plate is located on the left hoodledge panel at the back of strut housing.

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

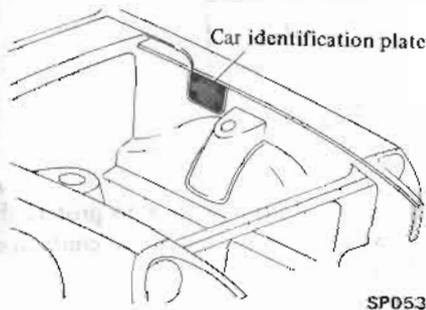


Fig. G1-1 Car identification plate location

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.

(HLS30-XXXXXX)

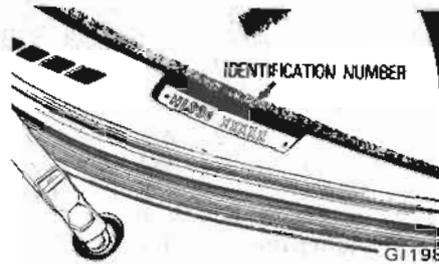


Fig. G1-2 Car serial number location

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 G1-3.

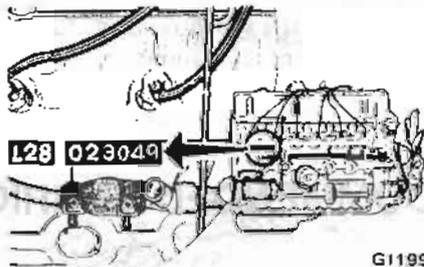


Fig. G1-3 Engine serial number location

COLOR CODE NUMBER LABEL

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

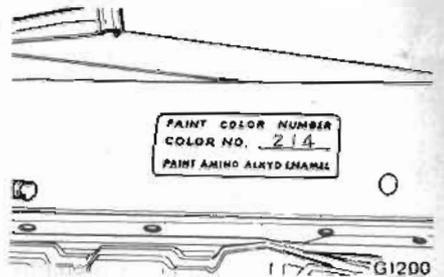


Fig. G1-4 Body color number location

CERTIFICATION AND INFORMATION LABEL LOCATION

The M.V.S.S. certification and Vehicle emission control information labels are affixed to the upper portion of the left lock pillar.



BODY AND UPHOLSTERY COLORS

Body color number	Body color	Upholstery color
1. 110*	Red	Black, Beige
2. 214	Brown Metallic	Black, Coffee Brown
3. 301	Bronze Metallic	Black, Coffee Brown
4. 302	Leaf Green Metallic	Black, Beige, Coffee Brown
5. 240	Green Metallic	Black, Beige, Coffee Brown
6. 304	Gold Metallic	Black, Beige, Coffee Brown
7. 305	Light Blue Metallic	Black, Beige
8. 306	Silver Metallic	Black, Coffee Brown
9. 307	Blue Metallic	Black, Beige
10. 216*	White	Black, Coffee Brown

Note: Paint finish consists of two coats and one bake except for those marked with an asterisk, which indicates one coat and one bake.

APPROXIMATE REFILL CAPACITIES

	Liters	U.S. measure	Imper. measure
Fuel tank	65	17 $\frac{1}{8}$ gal.	14 $\frac{3}{8}$ gal.
Engine cooling system (including heater and reserve tank) *1	10.4	11 qt.	9 $\frac{1}{2}$ qt.
Engine crankcase *2	4.7	5 qt.	4 $\frac{1}{8}$ qt.
Transmission case	Manual	1.5	3 $\frac{1}{8}$ pt.
	Automatic	5.5	5 $\frac{3}{8}$ qt.
Differential case	1.3	2 $\frac{3}{4}$ pt.	2 $\frac{1}{4}$ pt.

*1 Includes 0.8 liter ($\frac{3}{8}$ U.S. qt., $\frac{1}{4}$ Imp. qt.) required for heater.

*2 Includes 0.7 liter ($\frac{3}{4}$ U.S. qt., $\frac{5}{8}$ Imp. qt.) required for oil filter replacement.

RECOMMENDED PETROL (Fuel)

Use an unleaded or low-lead gasoline with a minimum octane rating of 91 RON (Research Octane

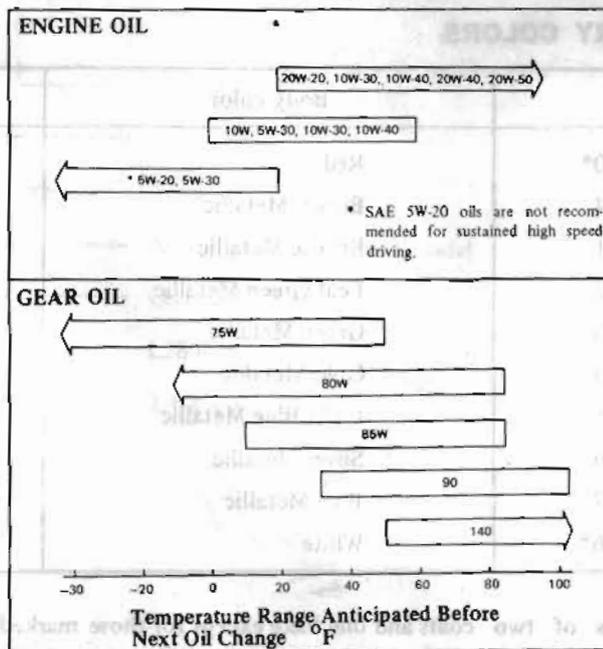
Number).

For cars which meet the California regulations (California Models), use

only unleaded gasoline to protect the catalytic converter from contamination.

RECOMMENDED LUBRICANTS

RECOMMENDED SAE VISCOSITY NUMBER



LUBRICANT SPECIFICATION

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

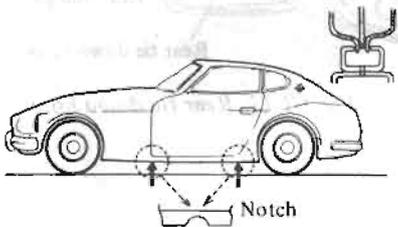
Item		Specifications	Remarks
Gasoline engine oil		SAE Classification SD or SE	Furthermore refer to SAE recommended viscosity table. See Page 4.
Gear oil	Transmission and steering	API GL-4	_____
	Differential	API GL-5	_____
Automatic T/M fluid		Type DEXRON	_____
Multipurpose grease		NLGI 2	Lithium soap 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.



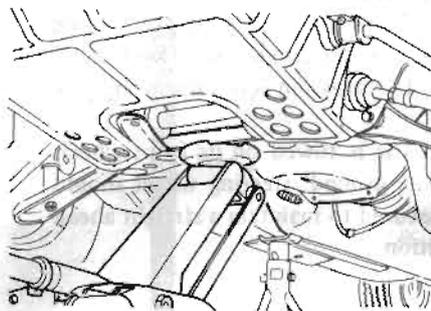
G1201

Fig. G1-5 Jacking point

GARAGE JACK

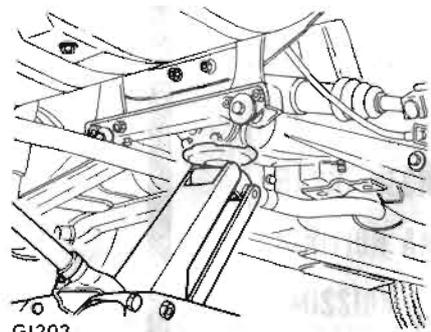
The front jacking point is center of front suspension member and rear is differential gear carrier.

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



G1202

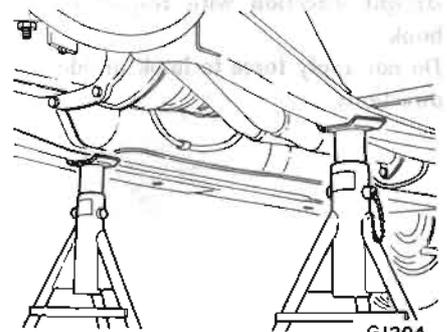
Fig. G1-6 Front jacking point



G1203

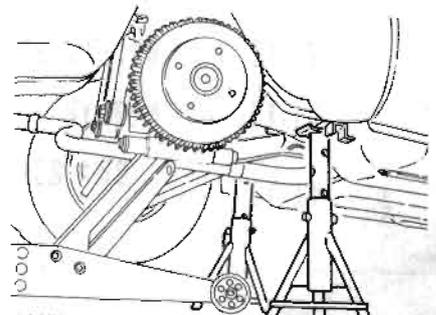
Fig. G1-7 Rear jacking point

supportable points are on both sides of front differential mounting cross-member.



G1204

Fig. G1-8 Front supportable points



G1205

Fig. G1-9 Rear supportable points

SUPPORTABLE POINT

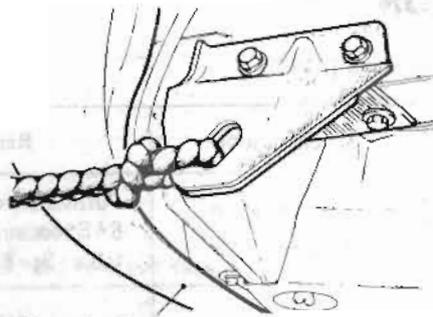
Front supportable points for stand are both front side members. Rear

TOWING

WARNING

Only front hooks may be used for towing purposes. When front hooks are used for towing, remove front apron and front fender front to prevent possible interference with towing rope.

Be sure to remove rear hooks before delivery of car.



Removing front apron and front fender front

WH171

Fig. GI-10 Front towing point

AUTOMATIC TRANSMISSION MODEL

Car may be towed safely on its rear wheels on the ground with select lever in "N" (Neutral) position at speeds of less than 30 km/h (20 MPH). However, propeller shaft must be disconnected or car must be towed on its front wheels on the ground under the following conditions:

1. Two speed of more than 30 km/h (20 MPH).
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, steering wheel should be secured to maintain a straight ahead position.

Caution: Always pull the rope in a straight direction with respect to hook.

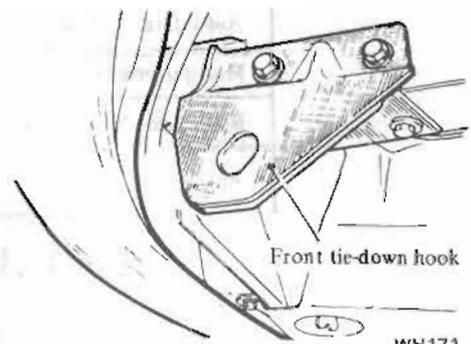
Do not apply force to hook in side directions.

TIE-DOWN HOOK

There are four tie-down hooks. Two of them are located on front side members, and the other two on rear panel.

Front tie-down hook attached to either side member is also used as a towing hook.

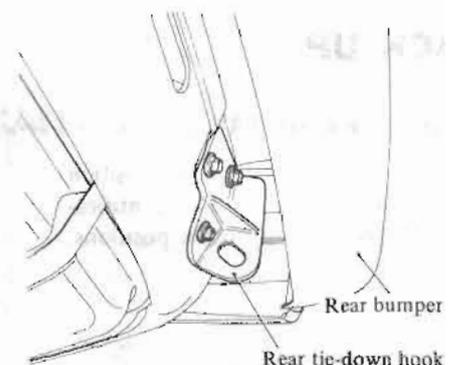
Note: When fastening chains to rear transverse link, wrap them around link to avoid interfering with any adjacent parts.



Front tie-down hook

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Fig. GI-11 Front tie-down hook



Rear bumper

Rear tie-down hook

Fig. GI-12 Rear tie-down hook