

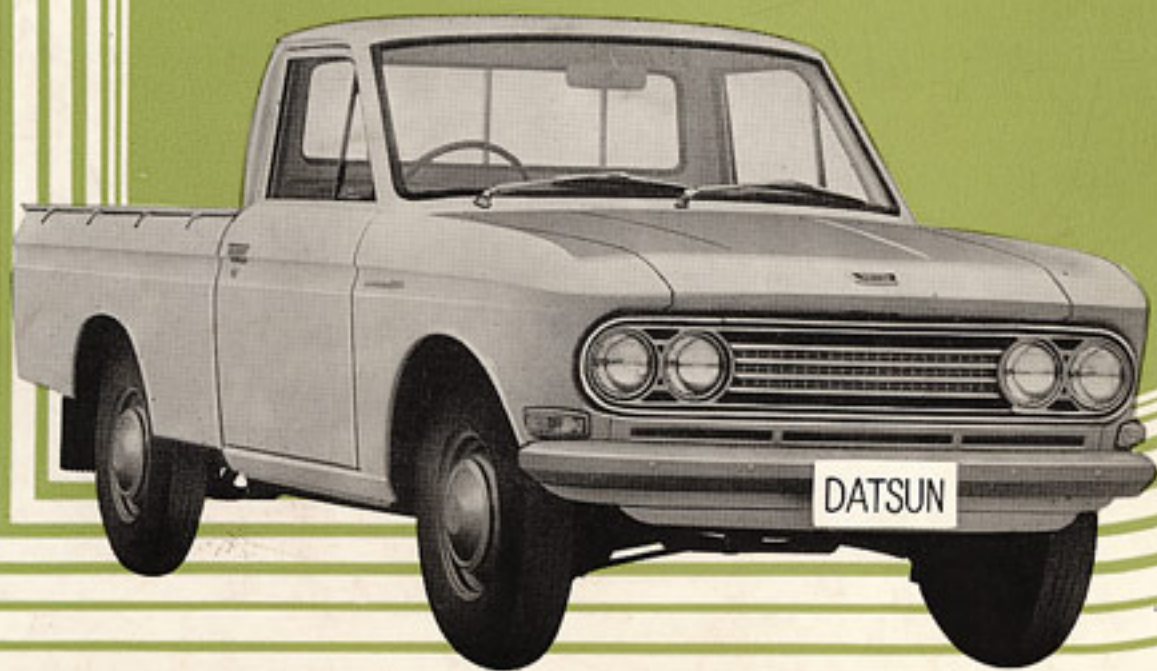
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# DATSUN PICK-UP

*Owner's Manual*  
**MODEL 520 SERIES**



**NISSAN MOTOR CO., LTD.**

TOKYO, JAPAN

30015



This Manual contains the detailed informations of each devices of the DATSUN and the correct instructions for running and maintenance, which are necessary to give a lasting durability and to draw full performance from your DATSUN.

We suggest that you would carefully read through this manual and keep it in the glove compartment so that you can readily refer to whenever necessary.



(L)520-(U)(T)

## FOOT PEDALS

The pedals are arranged in the conventional position (from left to right, clutch pedal brake pedal and accelerator pedal). Keep the foot clear of the clutch pedal except when an engagement or a disengagement of any gear is intended. Driving with the foot always on the clutch pedal will lead to rapid clutch wear.

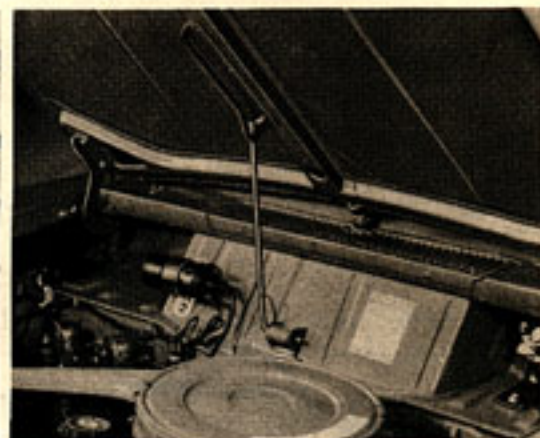


## SEAT ADJUSTMENT



The seat is adjustable for the leg room by operating the adjusting lever located under the seat.

## HOOD LOCK AND SAFETY CATCHER



To open the hood, pull the handle located under the instrument panel. Push up the tongue of the safety catcher and raise the hood.



## STARTING THE ENGINE

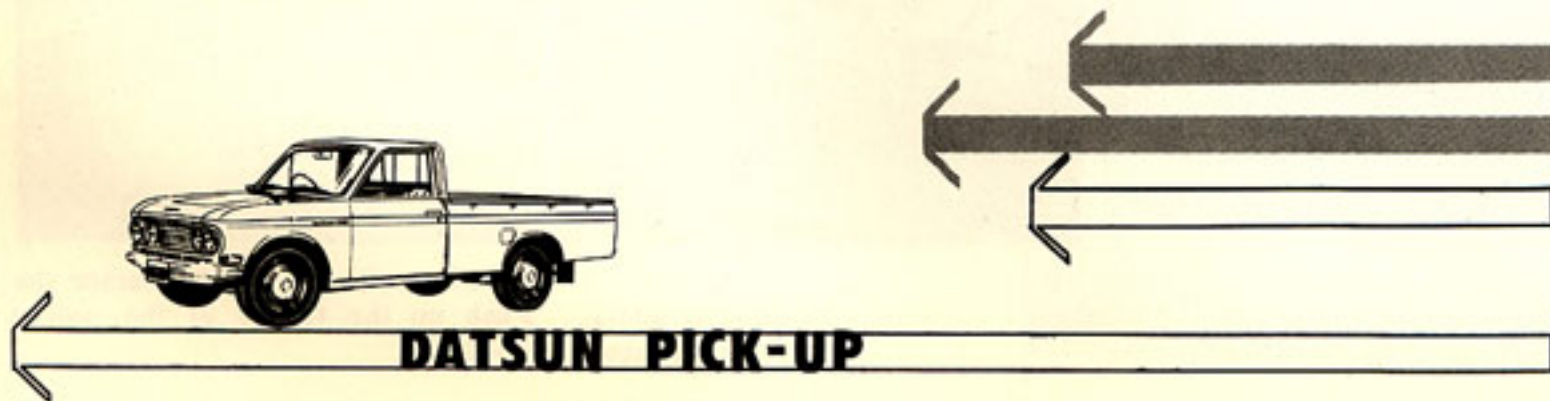
Before turn on the ignition switch, put the transmission gears in neutral to prevent the car from accidentally moving when the engine starts. Fully depress the clutch pedal to eliminate the drag of the gears while you start up, especially in cold weather.

DATSUN engine has a manually operated choke control on the instrument panel mentioned before. If the engine is relatively warm, it may not need to use the choke control at all.

To start the engine, turn the key in the ignition switch all the way clockwise, and when the engine starts release the key and it will spring back to the "On" position.

With a cold engine, pull the CHOKE control out all the way, in this case do not press the accelerator pedal down, and then start the engine. As soon as the engine starts, push the CHOKE control in far enough to keep the engine running smoothly. Then push it in all the way when the temperature gauge pointer begins to move toward its normal operating range.

Do not drive steadily with the CHOKE control pulled out.



**BREAK-IN PROCEDURE**

However finely DATSUN is made, Break-in procedure of your car will benefit for a hard wearing finish to its machined surfaces and smoother, quieter operation and a longer life. To give your new DATSUN a good life, you should keep the car speed as following table.

*◀Remote control gear shift car▶*

Max. speed limit for a new car				
Gear Term	1st	2nd	3rd	4th
First 800 kms (500 miles)	15 km/h (10 mph)	20 (12)	35 (22)	60 (38)
Next 800 kms (500 miles)	20 km/h (13 mph)	35 (22)	60 (38)	100 (62)
After 1600 kms (1000 miles)	25 km/h (15 mph)	40 (25)	75 (47)	125 (78)

*◀Floor gear shift car▶*

Max. speed limit for a new car				
Gear Term	1st	2nd	3rd	4th
First 800 kms (500 miles)	15 km/h (10 mph)	25 (16)	40 (25)	65 (41)
Next 800 kms (500 miles)	25 km/h (16 mph)	40 (25)	70 (45)	100 (62)
After 1600 kms (1000 miles)	30 km/h (20 mph)	55 (34)	85 (53)	125 (78)

Racing the engine excessively should be avoided; more particularly when the engine is warming up from cold in winter.

Loading the engine excessively should be avoided; more particularly when climbing up a hill or driving low speed on 4th position gear.

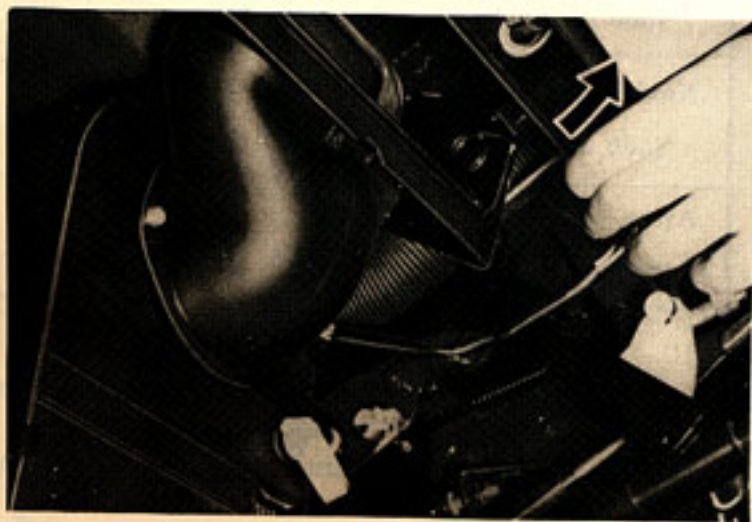


## VENTILATING AND HEATING

For comfortable drive, DATSUN is provided with a waterproof ventilating system and equipped with optionally a heating system.

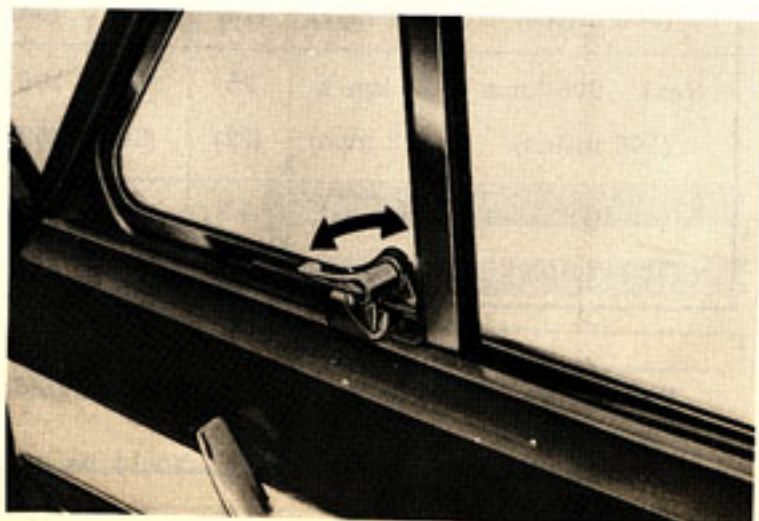
### FRONT VENTILATOR

The air flows into the interior of cab from the intake located on just in front of the windshield by operating the air ventilator lever located below the instrument panel.



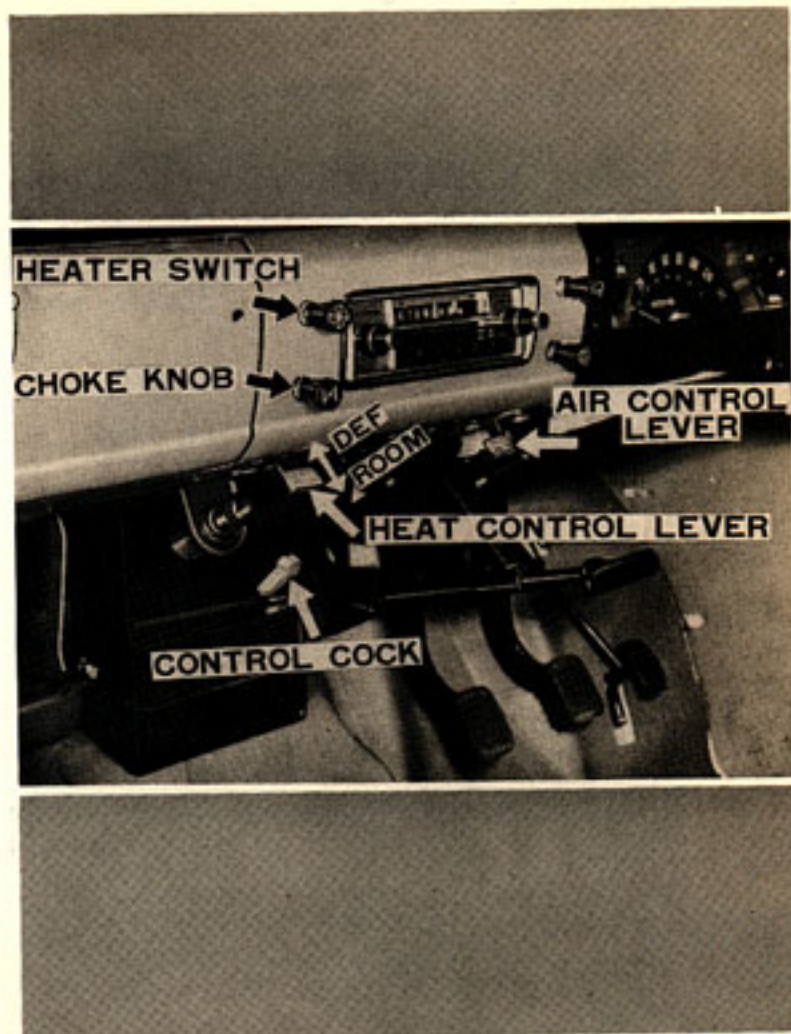
### WINDOW VENTILATOR

To open the window ventilator, turn the lever upwards and move the ventilator out to the desired position.



## HOW TO OPERATE HEATER(OPTION)

- 1) Ensure Air Vent Lever is closed.
- 2) Push down Air Control Lever so that air is delivered to the heater unit.
- 3) Operate Heater Switch to control fan speed.
- 4) Operate Control Cock which controls the flow of hot water to get the best air temperature.
- 5) Operate the Heat Control Lever.
  - (A) With the lever in the pulled-up-position for heating the interior.
  - (B) With the lever in the pushed-down-position for demisting and defrosting the front windshield.



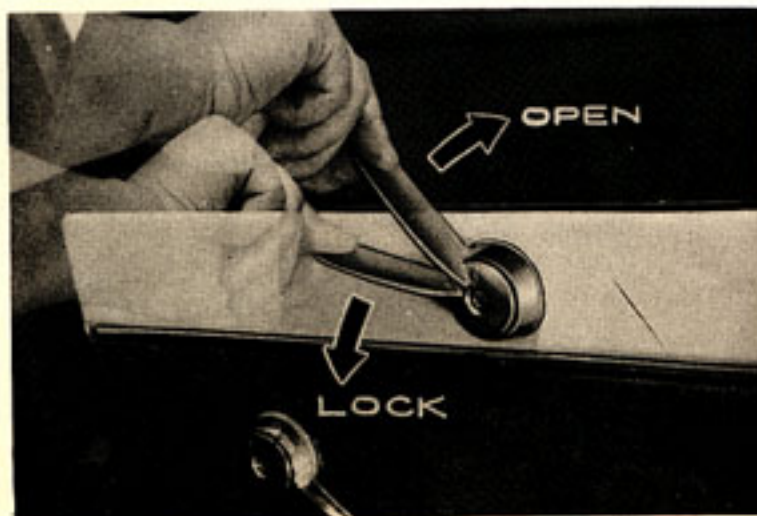
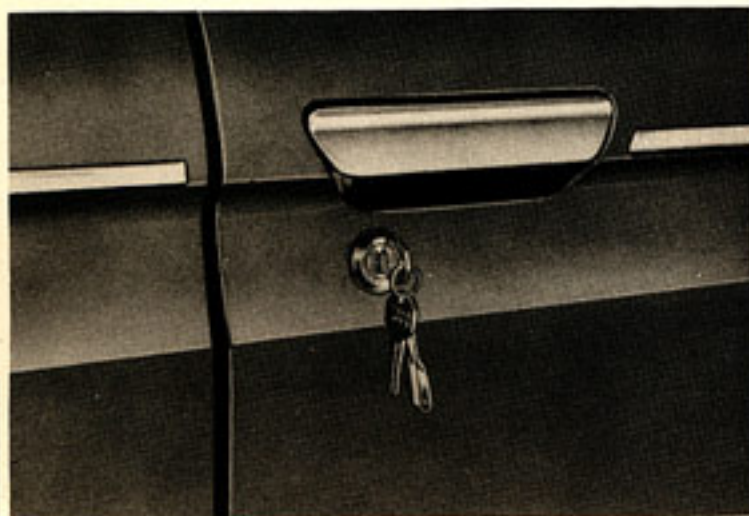


## DOOR LOCKS

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The door can be locked from the outside with the key. To lock the door, turn the key clockwise, to unlock turn the key counter-clockwise.

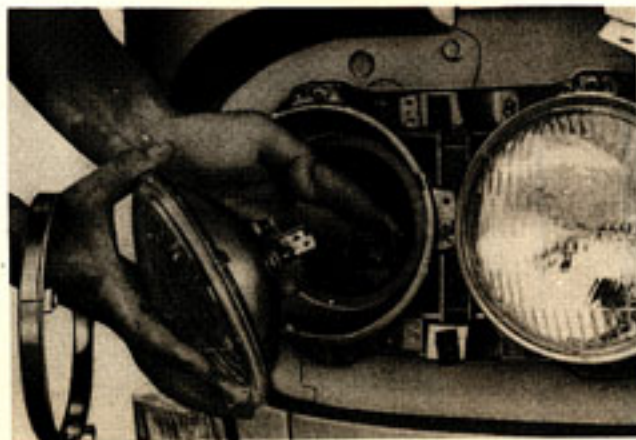
Also the door can be locked from the inside by pushing the handle toward the front of the car. To unlock and open the door, rise it up toward the rear.



**ELECTRICAL SYSTEM****HEADLIGHTS***Sealed beam unit replacement*

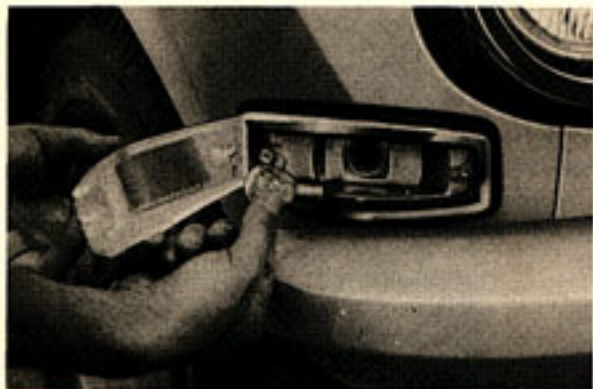
To replace a headlight, remove the headlight trim cover retaining screws and remove the cover. Then loosen, but do not remove, the three retaining ring screws shown in the illustration.

Rotate the headlight retaining ring counter-clockwise and pull it forward so that the headlight can be unplugged and removed. Plug in the new headlight and install the retaining ring in position. Rotate the retaining ring clockwise on the three screws and tighten the screws. Then install the trim ring. (Outside 37.5/50W; Inside 50W)





**FRONT DIRECTIONAL AND PARKING LIGHT**  
(25/8W)



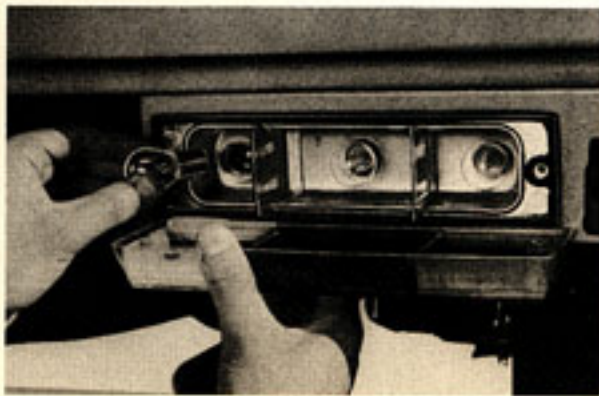
**LICENCE PLATE LIGHT (8W)**



**REAR COMBINATION LIGHT**  
(Tail and Stop 25/8W  
Directional, Back up 25W)



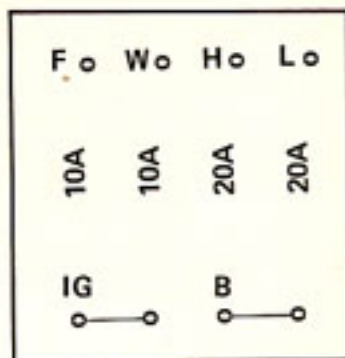
**ROOM LIGHT (6W)**



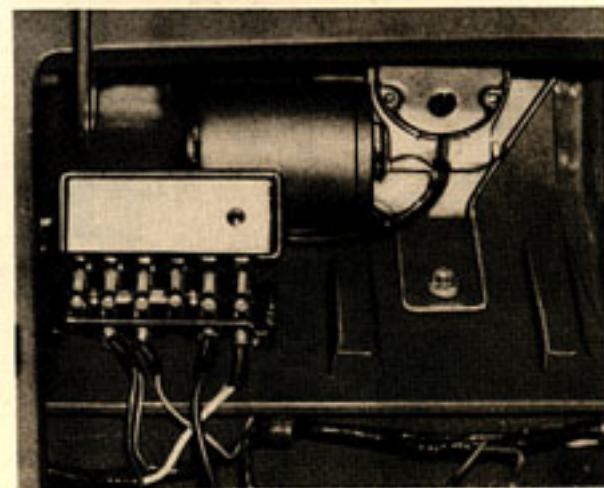
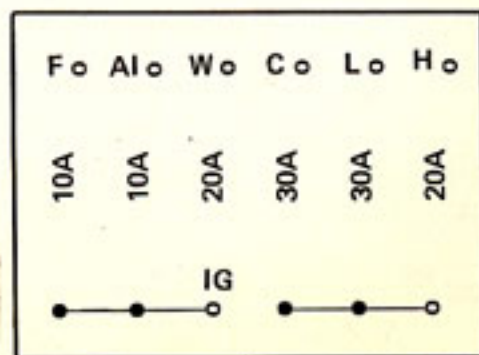
## FUSE BOX

Fuse box is located at right corner of the engine compartment. If a fuse needs to be replaced, refer to the specifications listed on the fuse-block cover.

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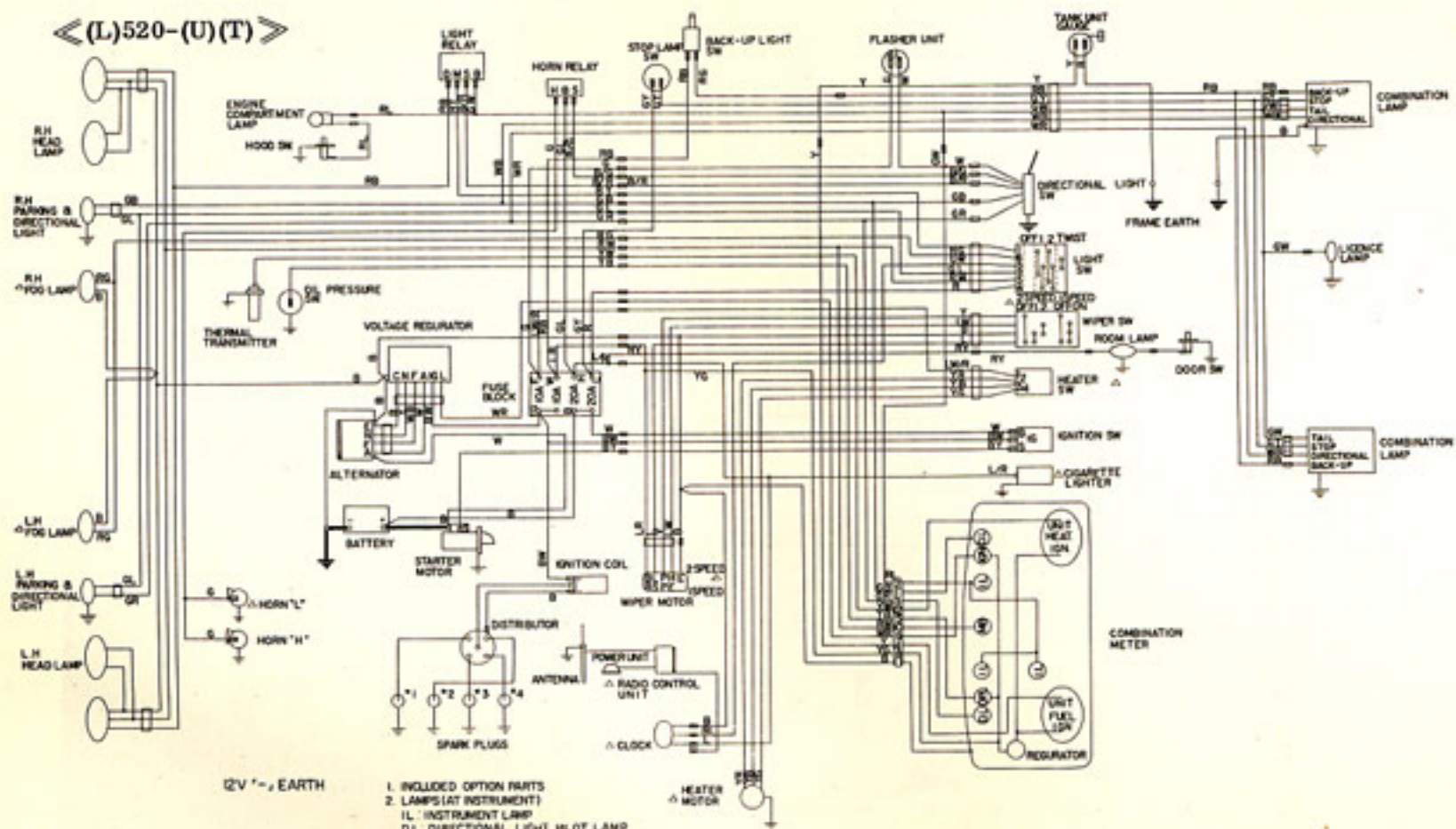
<<L520-TU>>





# WIRING DIAGRAM

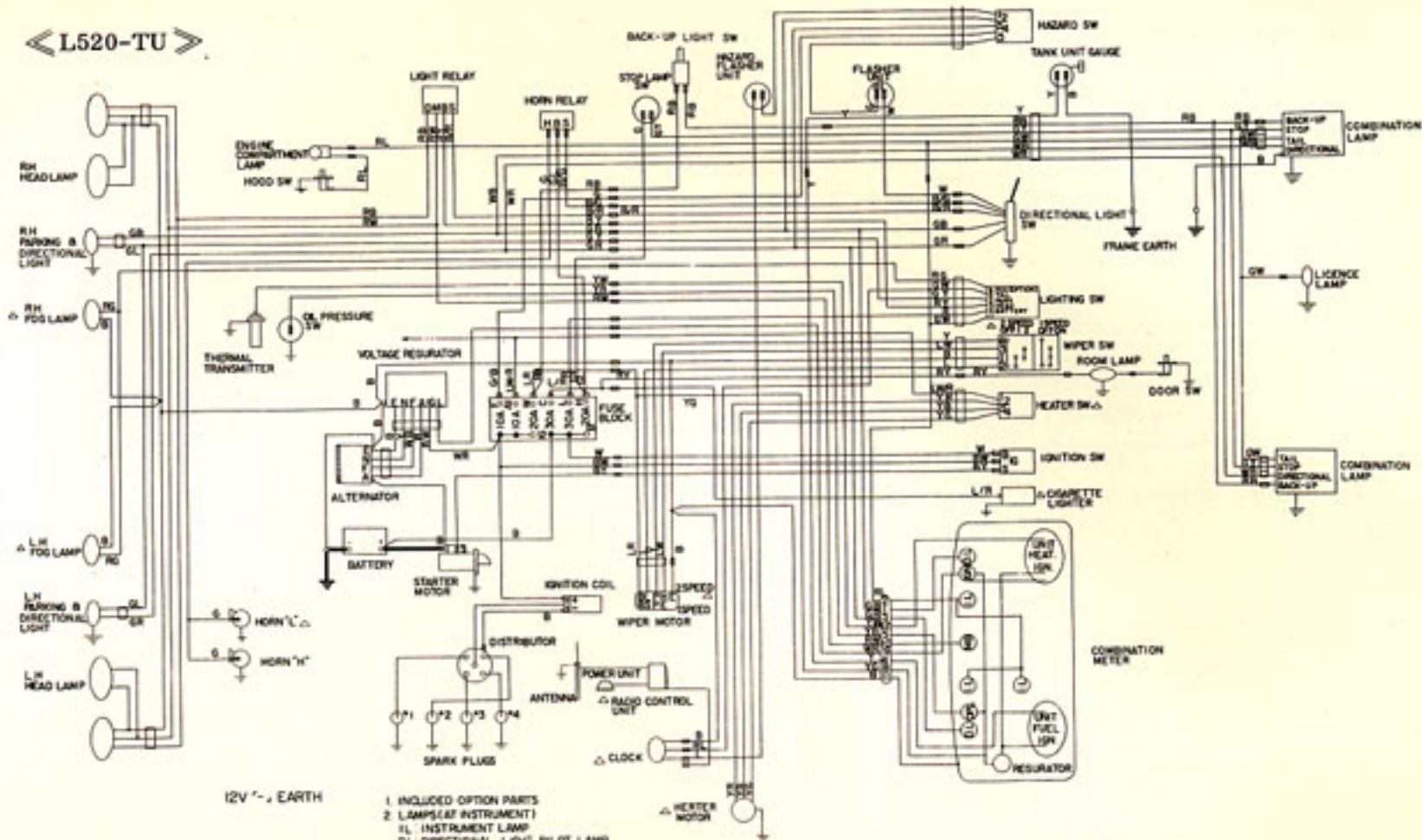
◀(L)520-(U)(T)▶



12V ~, EARTH

1. INCLUDED OPTION PARTS
2. LAMPS (AT INSTRUMENT)
- IL : INSTRUMENT LAMP
- D.L : DIRECTIONAL LIGHT PILOT LAMP
- MBL : MAIN BEAM PILOT LAMP
- IG : IGNITION WARNING LAMP
- OL : OIL PRESSURE WARNING LAMP
3. THE SIZE OF ELECTRIC LINE IS 0.5mm EXCEPT MARKED THE SIZE.
4. THE PARTS MARKED Δ MEANS OPTIONAL EQUIPMENT.

# ◀ L520-TU ▶



12V - EARTH

- 1 INCLUDED OPTION PARTS
- 2 LAMP(S) AT INSTRUMENT)
  - IL INSTRUMENT LAMP
  - DL DIRECTIONAL LIGHT PILOT LAMP
  - ML MAIN BEAM PILOT LAMP
  - IS IGNITION WARNING LAMP
  - OL OIL PRESSURE WARNING LAMP
- 3 THE SIZE OF ELECTRIC LINE IS 0.5mm EXCEPT MARKED THE SIZE
- 4 THE PARTS MARKED Δ MEANS OPTIONAL EQUIPMENT

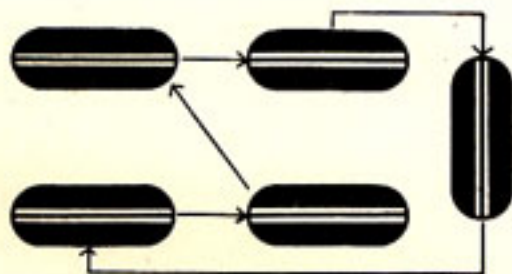


## TIRE AIR PRESSURE

The tire size and air pressure at standard load is as follows.

Model	Front	Rear
(L)520-(U)(T) L520-TU	6.00-14-6P Tire pressure 22 lb (1.5 kg/cm <sup>2</sup> )	6.00-14-8P 60 lb (4.25 kg/cm <sup>2</sup> ) (op. 6.00-14-6P)
(L)520-(U)(T) V(L)520-(U)	5.50-14-6P 25 lb (1.75 kg/cm <sup>2</sup> )	5.50-14-6P 46 lb (3.25 kg/cm <sup>2</sup> )

Keep the tire pressure correctly in order to get long life of tire using tire air gauge.



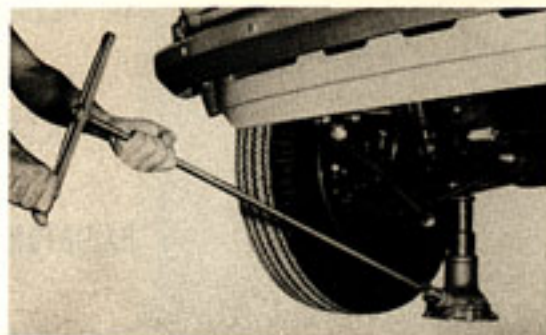
## CHANGE TIRE POSITION

If the same tire is used in the same position for a long time, it will tend to be worn or damaged at one side of the tread, so it is recommended to rotate tires as left illustration. (Same size tire only.)

## AT FLAT TIRE

### *Spare wheel*

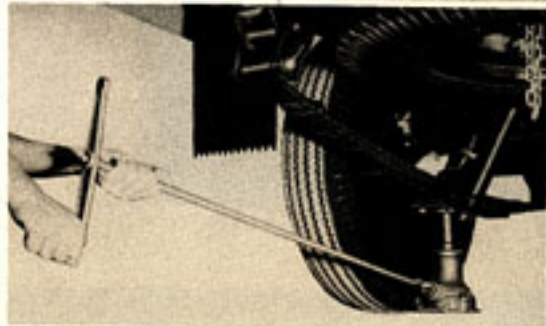
To remove and install spare wheel, put jack handle into the spare wheel carrier and turn it.



### *Change of tire*

With jacking up front or rear as illustrated in the figure, remove a wheel cap and release wheel nuts.

In this case, keep the car on the level ground and put wheel stoppers not to run.





# ENGINE COMPARTMENT

◀(L)520-(U)(T)▶

BRAKE & CLUTCH  
MASTER CYLINDER

FUSE BOX

BATTERY

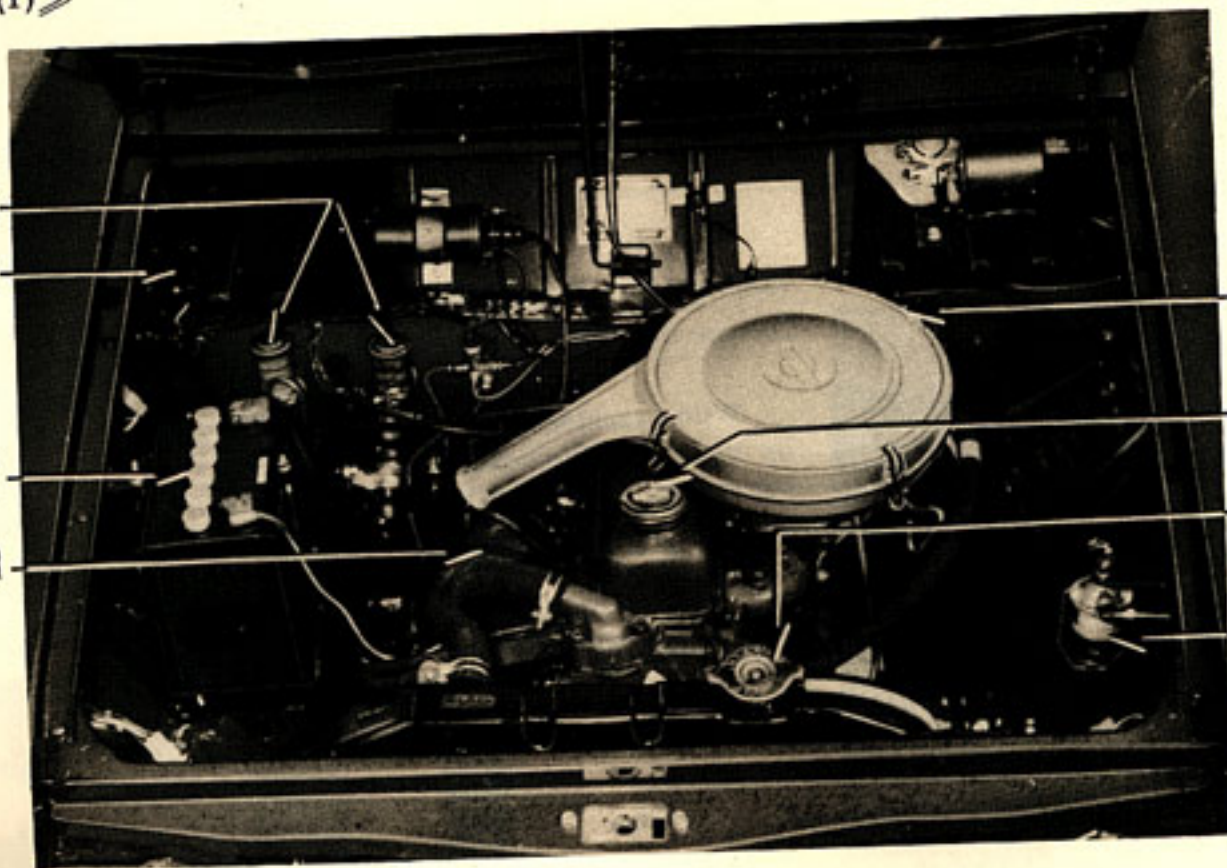
OIL FILTER

AIR CLEANER

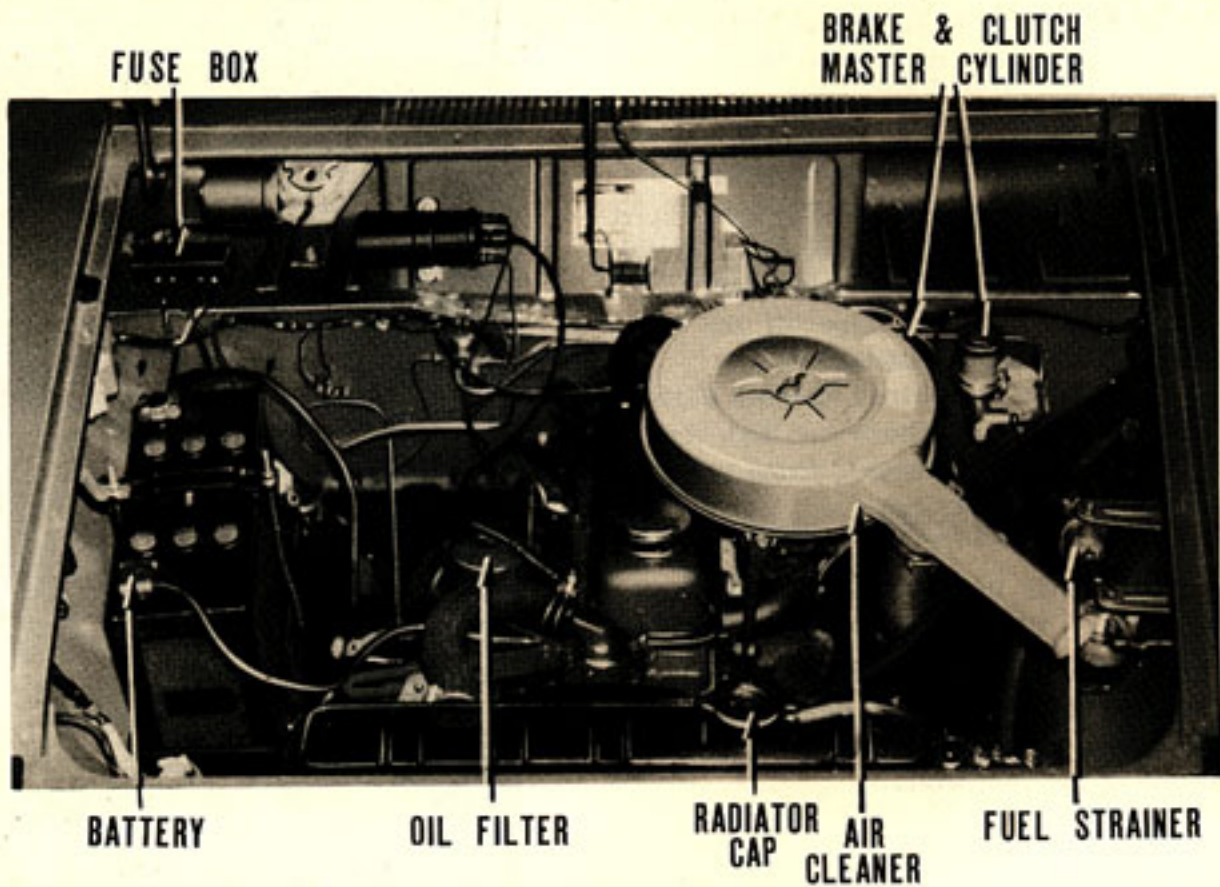
OIL FILLER CAP

RADIATOR CAP

FUEL STRAINER



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Your dealer will gladly arrange regular lubrication and maintenance service with you, but each day or before starting out on a long run, it is wise to check by yourself the levels of engine oil, cooling water, the amount of fuel, the fluid level in brake and clutch devices and the battery.

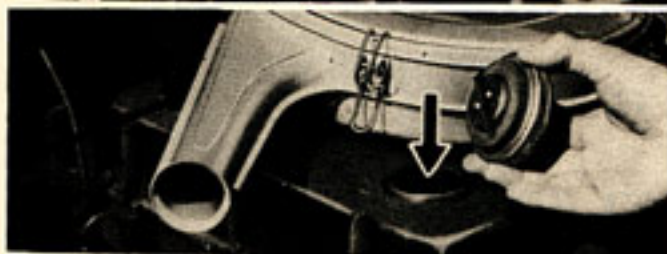
### **ENGINE OIL LEVEL**

The engine oil level should be checked prior to starting the engine with the car standing on level ground. Use the oil level gauge located on the right hand side of the engine. Pull out the dipstick, wipe off any traces of oil, re-insert fully and again withdraw it.

The oil level should be maintained between High and Low mark lines, neither going above the High line nor under the Low line. If the oil level is found to be low, fill the oil by removing the filler cap.

### **BATTERY**

Liquid level in the battery should be checked frequently. If the liquid level is found to be low, a distilled water should be added to each cell until the liquid level rises to the bottom of the vent well.





## COOLING WATER

Cooling water in the radiator should be checked whether full or not but this check is done only the engine temperature is cold. If it is need to check the cooling water even in hot engine, to avoid heat injury, first of all release the cap of radiator slightly until the pressure in the system escapes and then remove the cap completely. In this case it is recommended to wrap up the cap with a rag.



## BRAKE AND CLUTCH FLUID

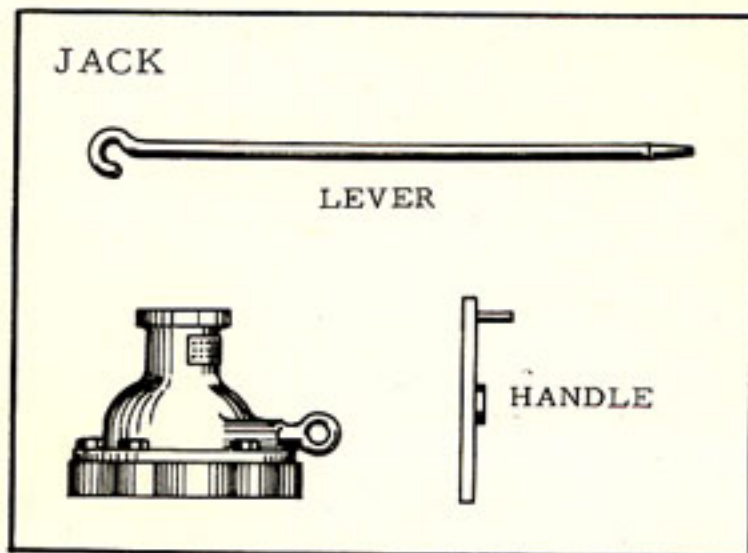
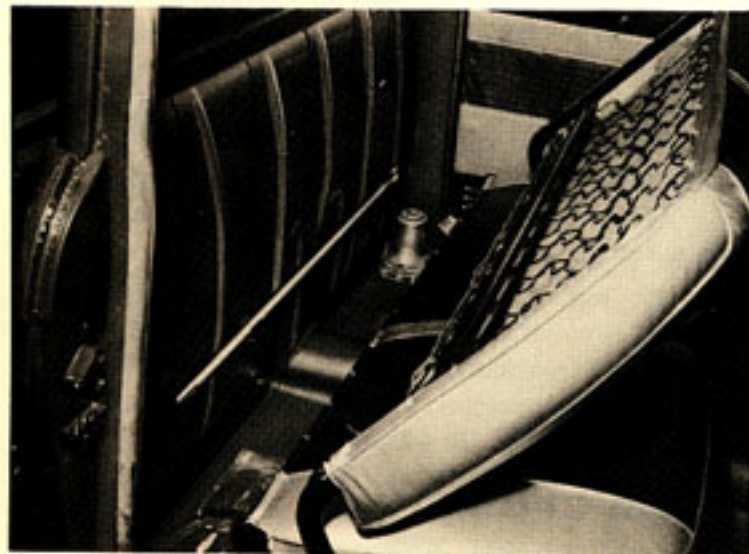
Brake and clutch fluid should be kept on the normal level marked on the master cylinder reservoir tank.

Check the brake piping for any leaks, because it is very important parts to supply brake fluid to wheel cylinder.



## HOW TO CHECK AND ADJUST

### TOOL

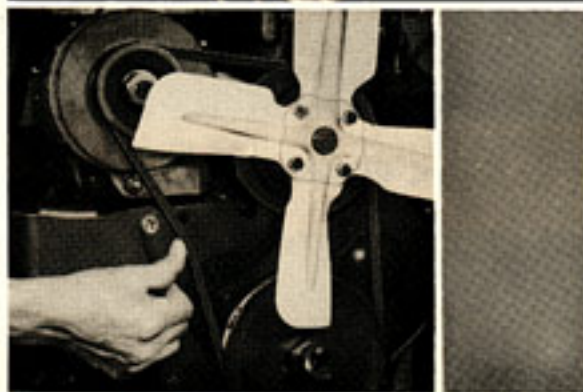


Standard tools are provided for doing check and adjust of your car. These tools are located behind the seat back.



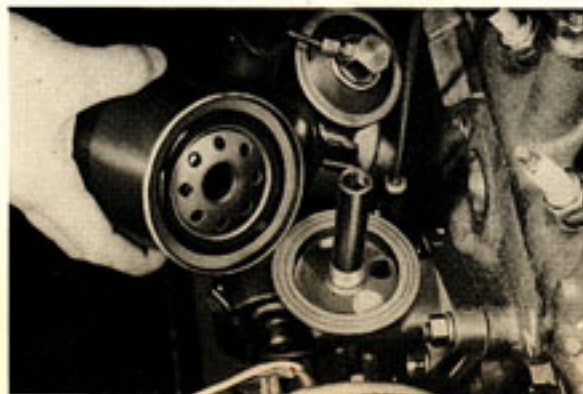
## **CARBURETOR**

Adjustment of engine idling speed is done by adjusting the throttle adjust screw in relation to idle adjust screw after the engine is warmed up.



## **FAN BELT TENSION**

To adjust the fan belt tension, loosen the alternator link clamp bolt and move the alternator towards or away from the engine until the specified belt slack of 10 ~ 15 mm (0.394 ~ 0.591 in.) under thumb pressure is obtained.



## **OIL FILTER**

After the first 2,000 miles (3,000 km) driving, drain and refill an oil of the proper viscosity for the anticipated temperature.

Refer to the chart of recommended oil.

In this first period, the oil filter cartridge should be removed and replaced by a new one.

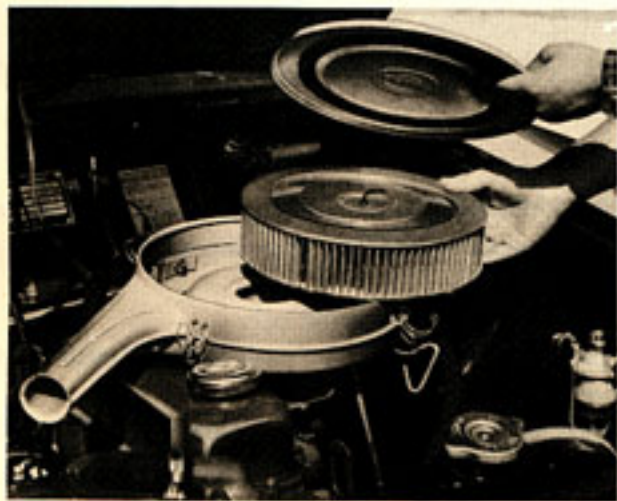
This cartridge must be renewed every 6,000 miles (9,000 km) driving.



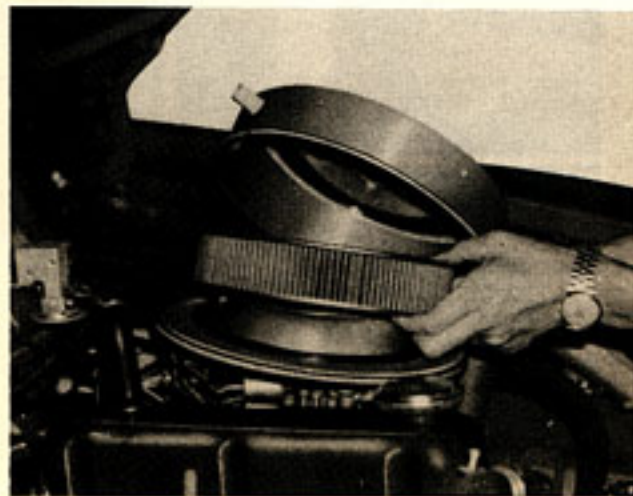
## AIR CLEANER

The element is paper filter type. As this viscous type element is an improved type, it is quite unnecessary to clean up the element up to 24,000 miles (40,000 km) and after that, the element should be replaced at every 24,000 miles (40,000 km). But on the dusty district, the element should be replaced more often.

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## FUEL STRAINER

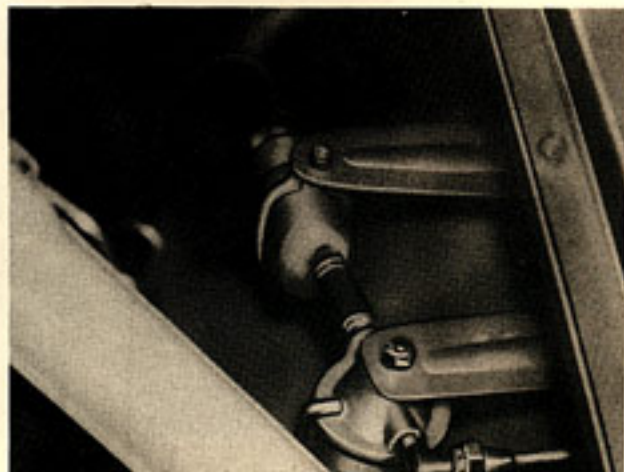
Clean around the strainer bowl. Loosen the strainer nut, then remove the glass bowl and eliminate the deposit or moisture within the bowl.

To U.S.A. only, the cartridge type fuel strainer is added for further effective filtration.

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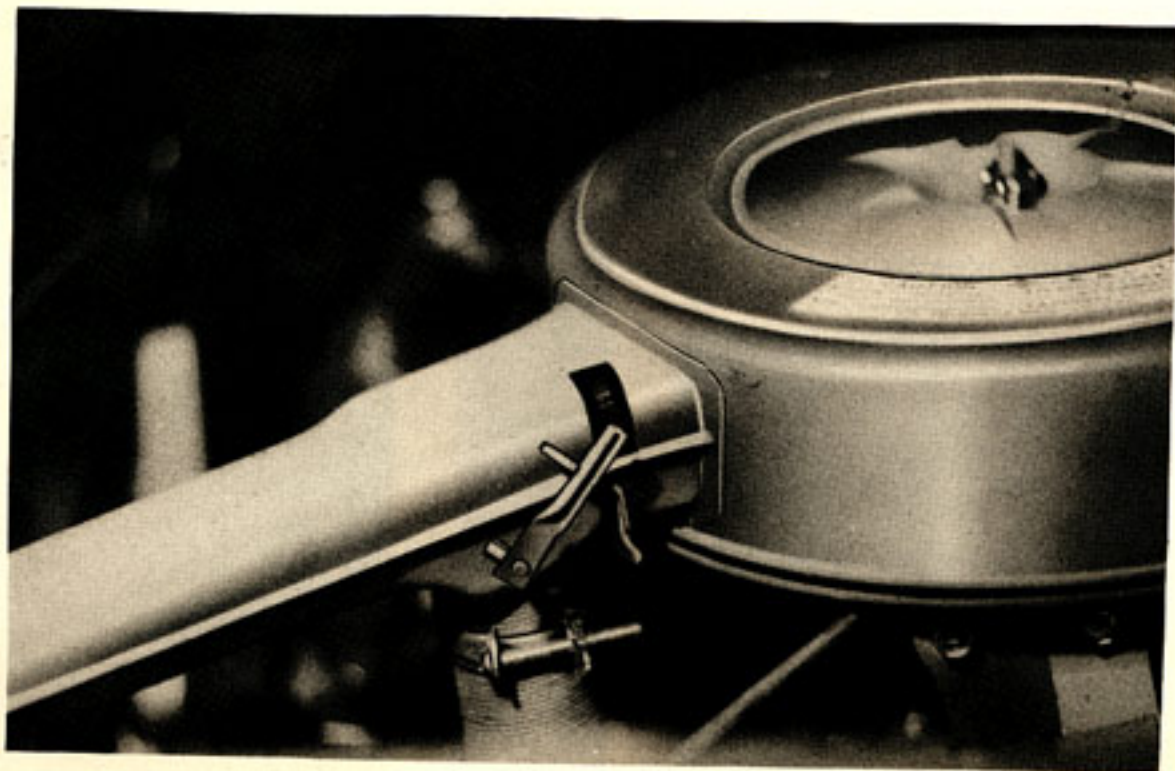
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## **INTAKE AIR CONTROL VALVE (TO U.S.A. ONLY)**

This valve is provided for preventing from icing.  
The hot air flows by fixing the lever upper limit, and the cold air flows by fixing the lever lower limit, as shown below.



## PERIODIC MAINTENANCE CHECK AND LUBRICATION

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### USE OF CHART

After 1,000 km (600 miles) and 3,000 km (2,000 miles) perform all of the checks indicated by the "O" in the 1,500 km (1,000 miles) column.

Detailed processing of checking is illustrated in the chart and the location to be checked is shown in LUBRICATION DIAGRAM attached.

Maintenance interval of each item is shown on the left hand side of the chart for reference.

The periodic checks for your DATSUN are designed to give you lasting driving pleasure. It will be enough for you just to drive your car into a DATSUN service shop. However, the Checking Chart and the Lubrication Chart are provided for your own interests.

Of the periodic checks, those related directly to the "break-in" are extremely important to cover the problems that may occur in the early stage of the car's life.

You should go to the service shop authorized by this company to check your car. Consult them on any defects you may notice.



# LUBRICATION CHART

MAINTENANCE FREQUENCY EVERY					MAINTENANCE CALENDAR														
24000 mile (36000 km)	12000 mile (18000 km)	6000 mile ( 9000 km)	2000 mile ( 3000 km)		LUBRICATION														
					Daily	600 mile ( 1000 km)	2000 mile ( 3000 km)	4000 mile ( 6000 km)	6000 mile ( 9000 km)	8000 mile (12000 km)	10000 mile (15000 km)	12000 mile (18000 km)	14000 mile (21000 km)	16000 mile (24000 km)	18000 mile (27000 km)	20000 mile (30000 km)	22000 mile (33000 km)	24000 mile (36000 km)	
					Check engine oil, top-up if necessary	○													
			○		Change engine oil		●	●	●	●	●	●	●	●	●	●	●	●	●
					Lubricate carburetor linkage					○									
		○			Lubricate linkage of accelerator, clutch and brake					○									
		○			Lubricate hand brake and shift lever					○									
		○			Lubricate door hinges, hood lock					○									
		○			Lubricate distributor rotor shaft and breaker arm shaft					○									
				○	Check transmission gear oil level, top-up if necessary				○	○	○	○	○	○	○	○	○	○	
○					Change transmission gear oil		●											●	
				○	Check rear axle oil level, top-up if necessary				○	○	○	○	○	○	○	○	○	○	
				○	Change rear axle oil		●											●	
		○			Check steering gear oil level, top-up if necessary					○				○		○		○	
				○	Grease up all nipples			○	○	○	○	○	○	○	○	○	○	○	
	○				Change wheel bearing grease								●					●	
					Apply grease to brake shoe linkages														
				○	Grease up water pump					○			○			○		○	
		○			Apply grease to distributor cam heel				○				○			○		○	

○ = Check or supply  
● = Change

# CHECKING CHART I

MAINTENANCE FREQUENCY EVERY				CHECKING POINTS (CHASSIS, BODY)	MAINTENANCE CALENDAR													
24000 mile (36000 km)	12000 mile (18000 km)	6000 mile (9000 km)	3000 mile (3000 km)		Daily	600 mile (1000 km)	2000 mile (3000 km)	4000 mile (6000 km)	6000 mile (9000 km)	8000 mile (12000 km)	10000 mile (15000 km)	12000 mile (18000 km)	14000 mile (21000 km)	16000 mile (24000 km)	18000 mile (27000 km)	20000 mile (30000 km)	22000 mile (33000 km)	24000 mile (36000 km)
			○	Check steering linkage			○	○	○	○	○	○	○	○	○	○	○	○
		○		Check front and rear suspension			○	○	○	○	○	○	○	○	○	○	○	○
		○		Check joints of propeller shaft				○	○	○	○	○	○	○	○	○	○	○
		○		Check wear in front wheel bearings				○	○	○	○	○	○	○	○	○	○	○
		○		Rotate tire position				○	○	○	○	○	○	○	○	○	○	○
		○		Check damage of wheel discs				○	○	○	○	○	○	○	○	○	○	○
		○		Measure wheel balance				○	○	○	○	○	○	○	○	○	○	○
		○		Check damage of electric wiring connection				○	○	○	○	○	○	○	○	○	○	○
		○		Road test				○	○	○	○	○	○	○	○	○	○	○
	○			Check operational mechanism of transmission							○	○	○	○	○	○	○	○
	○			Check shock absorbers							○	○	○	○	○	○	○	○
	○			Re-tighten door hinges other fittings							○	○	○	○	○	○	○	○
	○			Measure front wheel alignment							○	○	○	○	○	○	○	○
	○			Check brake drums and linings							○	○	○	○	○	○	○	○
	○			Tighten transmission							○	○	○	○	○	○	○	○
	○			Tighten frame and body mountings							○	○	○	○	○	○	○	○
○				Clean and check brake pipes and hoses													○	○
		○		Check steering wheel play		○		○									○	○
		○		Check foot and hand brake operation		○		○					○		○		○	○
		○		Check clutch operation		○		○				○		○			○	○
				Check damage, air pressure of tire		○		○										
				Check all lights and s/w operation		○		○										
				Check instrument meters operation		○		○										
				Check clutch pedal play		○		○										
		○		Re-tighten steering gear box		○		○				○		○			○	○
				Re-tighten steering idler		○		○										
				Check knuckle arm fittings		○		○										
				Re-tighten universal joint flanges		○		○										
				Re-tighten spring U-bolts		○		○										
				Re-tighten doors opening and closing		○		○										
				Re-tighten body mountings		○		○										
			○	Check damage of pipes and hoses				○		○	○	○	○	○	○	○	○	○
○				Check exhaust pipe and muffler fittings				○		○	○	○	○	○	○	○	○	○
○				Check headlight aiming and brightness				○		○	○	○	○	○	○	○	○	○



# CHECKING CHART II

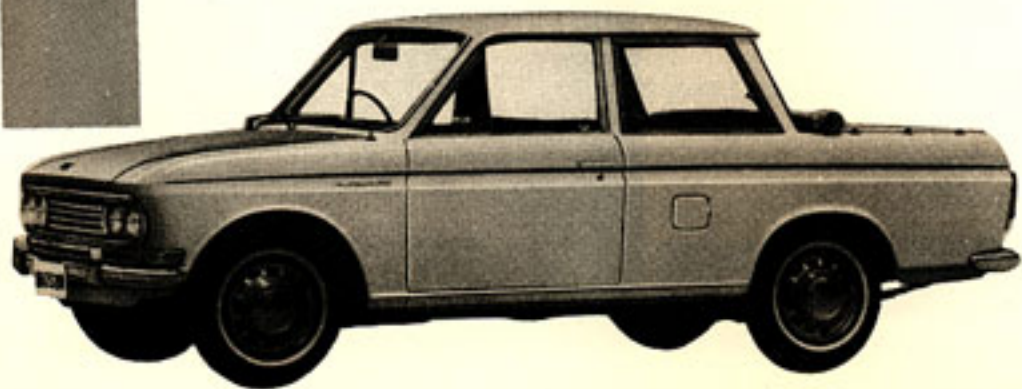
MAINTENANCE FREQUENCY EVERY					MAINTENANCE CALENDAR														
24000 mile (36000 km)	12000 mile (18000 km)	6000 mile (9000 km)	2000 mile (3000 km)	CHECKING POINTS (ENGINE)	Daily	600 mile (1000 km)	2000 mile (3000 km)	4000 mile (6000 km)	6000 mile (9000 km)	8000 mile (12000 km)	10000 mile (15000 km)	12000 mile (18000 km)	14000 mile (21000 km)	16000 mile (24000 km)	18000 mile (27000 km)	20000 mile (30000 km)	22000 mile (33000 km)	24000 mile (36000 km)	
		○			Re-tighten cylinder head, manifolds and exhaust pipe		○			○			○			○			
		○		Adjust tappet clearance		○			○			○			○				○
		○		Check ignition timing		○			○			○			○				○
			○	Check fan-belt tension		○	○		○		○			○		○			○
				Check carburetor and retighten fitting parts		○													○
				Check leak from oil pan		○	○												
				Re-tighten engine mountings		○													
			○	Check spark plugs (clean and check gap)			○		○		○		○		○		○		○
			○	Check distributor cap, rotor and point			○		○		○		○		○		○		○
			○	Check engine idling		○	○		○		○		○		○		○		○
		○		Change oil filter element			●		●			●			●				●
		○		Check air cleaner fitting		○			○			○			○				○
		○		Clean oil filler cap					○						○				○
		○		Check fuel strainer			○		○						○				○
		○		Check dirt of battery, terminals					○						○				○
		○		Check charging system operation					○						○				○
	○			Change spark plugs									●						●
	○			Tighten mountings of engine and auxiliary parts									○						○
	○			Check generator and regulator function									○						○
	○			Check starter motor operation and fittings									○						○
○				Change air cleaner element															○
○				Check fuel pump function															○
○				Measure compression pressure of cylinders															○
○				Clean jets and float chamber of carburetor															○
○				Check condenser function of distributor															○

○ = Check or supply  
● = Change

DATSUN  
PICK-UP

VAN AND DOUBLE SEAT PICK-UP

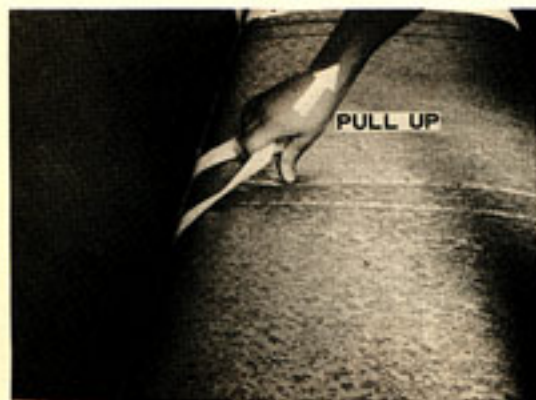
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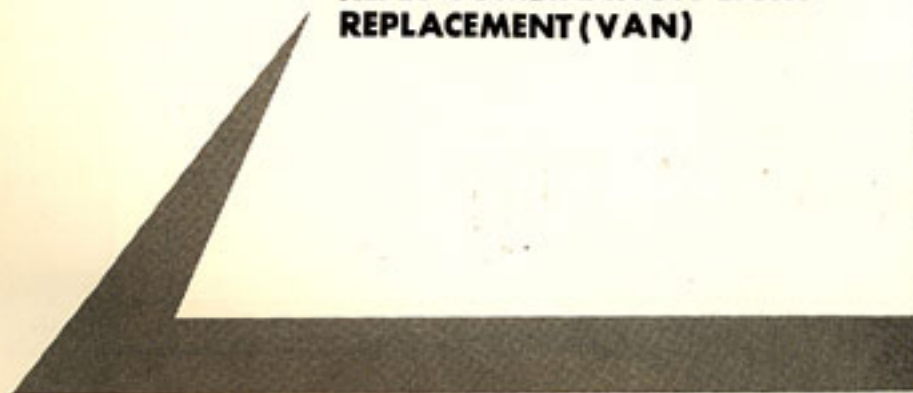


## TO MAKE CARGO FLOOR(VAN)

Raise up rear seat cushion vertically and fold down rear seat back to the floor level.



## REAR COMBINATION LIGHT REPLACEMENT (VAN)



## GENERAL SPECIFICATIONS

**MODEL :**

 (L)520-(U)(T)  
L520-TU

 U(L)520-(U)(T)  
UL520-TU

 V(L)520-(U)(T)  
VL520-TU

### DIMENSIONS & WEIGHT

Overall length	4,280 mm (168.5 in.)	4,300 mm (169.3 in.)	←
Overall width	1,575 mm ( 62.0 in.)	1,570 mm ( 61.8 in.)	←
Overall height	1,545 mm ( 60.8 in.)	1,530 mm ( 60.2 in.)	1,525 mm ( 60.0 in.)
Wheelbase	2,530 mm ( 99.6 in.)	←	←
Tread front	1,250 mm ( 49.2 in.)	←	←
Tread rear	1,267 mm ( 49.9 in.)	←	←
Payload	1,000 kg (2,205 lb.)	400 kg ( 882 lb.)	500 kg (1,102 lb.)    300 kg (661 lb.)
Vehicle weight	960 kg (2,116 lb.)	1,035 kg (2,277 lb.)	1,055 kg (2,326 lb.)
Min. road clearance	200 mm ( 7.9 in.)	187 mm ( 7.4 in.)	←
Rear body interior		Luggage space interior	Luggage space interior
length	1,850 mm ( 72.8 in.)	830 mm ( 32.7 in.)	1,650 mm ( 64.9 in.)    1,040 mm ( 40.9 in.)
width	1,430 mm ( 56.3 in.)	1,320 mm ( 51.9 in.)	1,245 mm ( 49.0 in.)    1,240 mm ( 48.8 in.)
height	400 mm ( 15.7 in.)	420 mm ( 16.5 in.)	900 mm ( 35.4 in.)    900 mm ( 35.4 in.)
Seating capacity	2	5	2                      5

### PERFORMANCE

Max. speed	125 km/h (78 mph)	←	←
Grade ability (sin $\theta$ )	0.306	0.39	0.41
Min. turning radius	5.2 m (17.1 ft.)	←	←



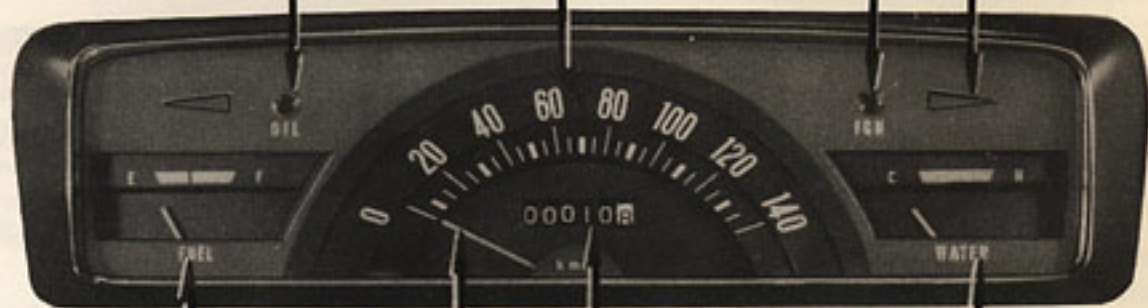
- ENGINE** ..... Model J; Gasoline engine; water cooled, four-cycle O.H.V.; Four-cylinder in line; Bore 73 mm (2.87 in.); Stroke 77.6 mm (3.06 in.); Piston displacement 1,299 cc (79.3 cu.in.); Max. B.H.P. 67 HP at 5,200 rpm (SAE); Max. torque 10.6 m-kg (76.7 ft.-lb.) at 2,800 rpm (SAE); Compression ratio 8.2 : 1
- FUEL SYSTEM** ..... 'NIKKI' dual barrel, down draft type carburetor; Mechanical type diaphragm pump; Paper element type air cleaner;
- LUBRICATION SYSTEM** . Pressure feed with full flow type oil filter; Trochoid type pump;
- IGNITION SYSTEM** ..... Coil and distributor with mechanical and vacuum control
- COOLING SYSTEM** ..... Pressurized radiator with centrifugal pump; Pellet type thermostat and fan;
- ELECTRIC SYSTEM** ..... 12 volt, 40 A.H. or 50 A.H. battery; 300 watt alternator with regulator; 1 KW (1.4 HP) magnetic shift starter. (NEGATIVE EARTH)
- CLUTCH** ..... Single dry disc with cushioning spring; Dia. 200 mm (7.87 in.)
- TRANSMISSION**..... 4 forward speeds and 1 reverse; All synchromeshed on forward gears; Speed change lever on steering column; Gear ratio 1st 5.000, 2nd 3.014, 3rd 1.685, 4th 1.000 and reverse 5.146.....(L)520-(U).  
 4 forward speeds and 1 reverse; All synchromeshed on forward gears; Floor gear-change lever; Gear ratio 1st 3.657, 2nd 2.177, 3rd 1.419, 4th 1.000 and reverse 3.638.....L520-T(U).  
 4 speeds forward and 1 reverse; Synchromeshed on 1st, 2nd, 3rd, and 4th; Speed change lever on steering column.  
 Transmission gear ratio; 1st 4.941; 2nd 3.009; 3rd 1.726; 4th 1.000 and reverse 6.462;
- REAR AXLE** ..... Semi-floating axle; Hypoid bevel final gear; Ratio 4.875;
- FRONT SUSPENSION** .... Independent torsion bar type; Telescopic shock absorbers

**OIL PRESSURE  
WARNING LIGHT**

**MAIN BEAM  
WARNING LIGHT**

**GENERATOR  
INDICATOR**

**DIRECTIONAL LIGHT  
INDICATOR**



**FUEL GAUGE**

**SPEEDOMETER**

**ODOMETER**

**WATER TEMPERATURE  
GAUGE**



- REAR SUSPENSION* ..... Longitudinal semi-elliptic springs; 5 leaves; Telescopic shock absorbers
- STEERING* ..... Right or left hand drive; Worm and roller type gear; Ratio 17.3 : 1
- BRAKES* ..... Hydraulic; Uniservo type for front; Duoservo type for rear; Parking brake mechanically operated on rear wheels only; Brake drum dia. 254 mm (10 in.)
- FRAME* ..... Pressed steel box section
- WHEELS & TIRES* ..... Steel disc wheels; Tires Front 6.00-14-6P; Rear 6.00-14-8P
- LIGHTS* ..... Four headlights (sealed beam) with dipping; Two parking and front directional lights; Two combined stop, tail and directional and back up lights; Reflectors; Rear licence light; Room lamp.
- INSTRUMENTS* ..... Speedometer; Fuel gauge; Water temperature gauge; Oil pressure warning light; Generator indicator; directional pilot light; Main beam warning light; On instrument panel, ignition and starter switch, lighting switch, choke control knob, windshield wiper switch
- BODY WORKS* ..... All steel fully upholstered with vinyl leather; Interior back mirror; Two fender back mirrors; Floor mat; All steel pick up type rear body with horizontally hinged tail board; Spare tire carrier under cargo floor; Seat belt anchorage;
- OPTIONAL EQUIPMENT*. Guard frame; Additional sunvisor; Double-tone horn; Radio; Clock; White side wall tire; Cigarette lighter; Fog lamps; Engine compartment lamp; Glove box lid lock; Windshield washer; Windshield moulding; Gasoline filler cap with lock; Door Switch on driver side; Stabilizer; Arm rests on both side; Safety belt; Two speed wiper; Instrument panel with soft pad; 60 A.H. battery; Door mirror.

## ENGINE

Compression pressure at 350 r. p. m. ....	11.5 kg/cm <sup>2</sup> (163 lb/in <sup>2</sup> .)
Valve tappet clearance .....	0.35 mm (0.0138 in.)
Float level from fuel surface to float chamber upper .....	19 mm (0.75 in.)
Fan belt slackness .....	15 ~ 20 mm (0.6 ~ 0.8 in.)

## ELECTRICAL EQUIPMENT

Firing order .....	1-3-4-2
Ignition timing at 600 r. p. m. ....	8° B. T. D. C.
Distributor point gap .....	0.45 ~ 0.55 mm (0.018 ~ 0.022 in.)
Spark plug gap .....	0.7 ~ 0.8 mm (0.027 ~ 0.031 in.)
Battery electrolyte	
Specific gravity at full charged .....	1.280 (20° C)
Level from pole plate .....	10 mm (0.4 in.)
Voltage regulator	
Adjusting voltage at free load .....	14.5 ± 0.5V. (Alternator 4,000 r. p. m.)

## CAPACITY

Fuel tank .....	41 ltr. (10.8 U.S. gal.)
Oil pan .....	3.0 ltr. (3.16 U.S. quarts)
Oil filter .....	0.63 ltr. (1.33 U.S. pints)
Transmission .....	2.0 ltr. (2.11 U.S. quarts)
Differential .....	0.83 ltr. (1.75 U.S. pints)
Coolant.....	5.6 ltr. (5.92 U.S. quarts)



## SPECIAL MAINTENANCE FOR EMISSION CONTROL SYSTEM

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To reduce the amount of pollutants deposited in the atmosphere the Datsun is equipped with an emission control system. In order to ensure that this system continues to operate in an efficient manner it is imperative that the vehicle be taken to an authorized Datsun dealer at periodic intervals to have the required servicing carried out.

At the 600 mile and 2,000 mile service the Datsun dealer will check the operation of the system. Thereafter, in addition to the regular maintenance, the ignition timing and idling speed should be adjusted at 3,000 mile intervals. Every 12,000 miles the emission control system should receive a major service.

[Special tune-up data for emission control system]

L520-TU ..... 0° T.D.C. at 700 r.p.m.



MAINTENANCE FREQUENCY EVERY					CHECKING POINTS	MAINTENANCE PERIODS										
40000 km (24000 mile)	20000 km (12000 mile)	10000 km ( 6000 mile)	5000 km ( 3000 mile)			1000 km ( 600 mile)	3000 km ( 2000 mile)	6000 km ( 4000 mile)	10000 km ( 6000 mile)	15000 km ( 9000 mile)	20000 km (12000 mile)	25000 km (15000 mile)	30000 km (18000 mile)	35000 km (21000 mile)	40000 km (24000 mile)	
				○	Engines equipped with emission control system	Check ignition timing	○	○	○	○	○	○	○	○	○	
				○		Check engine idling	○	○	○	○	○	○	○	○	○	
	○					Engine major tune-up					○				○	
				○		Check spark plugs		○	○	○	○	○	○	○	○	
	○					Replace spark plugs					○				○	
	○					Check high tension cables					○				○	
				○		Check for fitting and wear of distributor breaker points		○	○	○	○	○	○	○	○	
	○					Replace distributor breaker points					○				○	
	○					Apply grease to distributor rotor shaft					○				○	
	○					Apply grease to distributor cam and wick					○				○	
○						Replace carburetor air cleaner element									○	
	○					Crank- case emission	Check for leaks of hoses and hose connections					○			○	
	○				Check for proper function of solenoid valve						○			○		
	○				Exhaust emission	Check for proper function of vacuum switch					○			○		
	○					Check for proper function throttle valve switch					○			○		
	○					Check for proper function of clutch switch					○			○		
	○					Check for proper function of neutral switch					○			○		
	○					Check for proper operation of vacuum control valve					○			○		
	○					Check for leaks of hoses and hose connections					○			○		





**NISSAN MOTOR CO., LTD.**

## **SPEEDOMETER**

The speedometer indicates the car's forward speed in kilometers per hour or miles per hour.

## **ODOMETER**

The odometer located below the speedometer, shows the total accumulated distance, and is usefully for keeping a record of maintenance interval.

## **FUEL GAUGE**

The fuel gauge indicates the approximate amount of fuel in the tank. It operates only when the ignition switch is on. The pointer points at 'E' when the tank is almost empty and 'F' when the tank is full.

## **DIRECTIONAL LIGHT INDICATOR**

The orange arrow lights flash to indicate the direction of turn.

## **MAIN BEAM WARNING LIGHT**

When the high beams are being used, a small red indicator glows

## **WATER TEMPERATURE GAUGE**

In turning on the ignition switch, the temperature gauge indicates the operating temperature of the coolant. When the starter switch is turned off, the pointer moves to the cold position. In normal driving conditions, the pointer should be within a central range of gray area.

## **OIL PRESSURE WARNING LIGHT**

The light glows when the ignition is switched on and fades out after the engine has been started and the oil pressure has went up. However, if the light remains on steadily while driving, stop the engine immediately and check the oil level or lubrication system.

Flickering light at engine idling speed does not mean the trouble in the lubricating system at all.

## **GENERATOR INDICATOR**

With the ignition switch on, the generator indicator light glows red when the generator is not supplying current to the electrical system. If the light remains on steadily at normal driving speeds, the generator and electrical system should be checked as soon as possible.



WIPER MOTOR  
SWITCH

LIGHT SWITCH

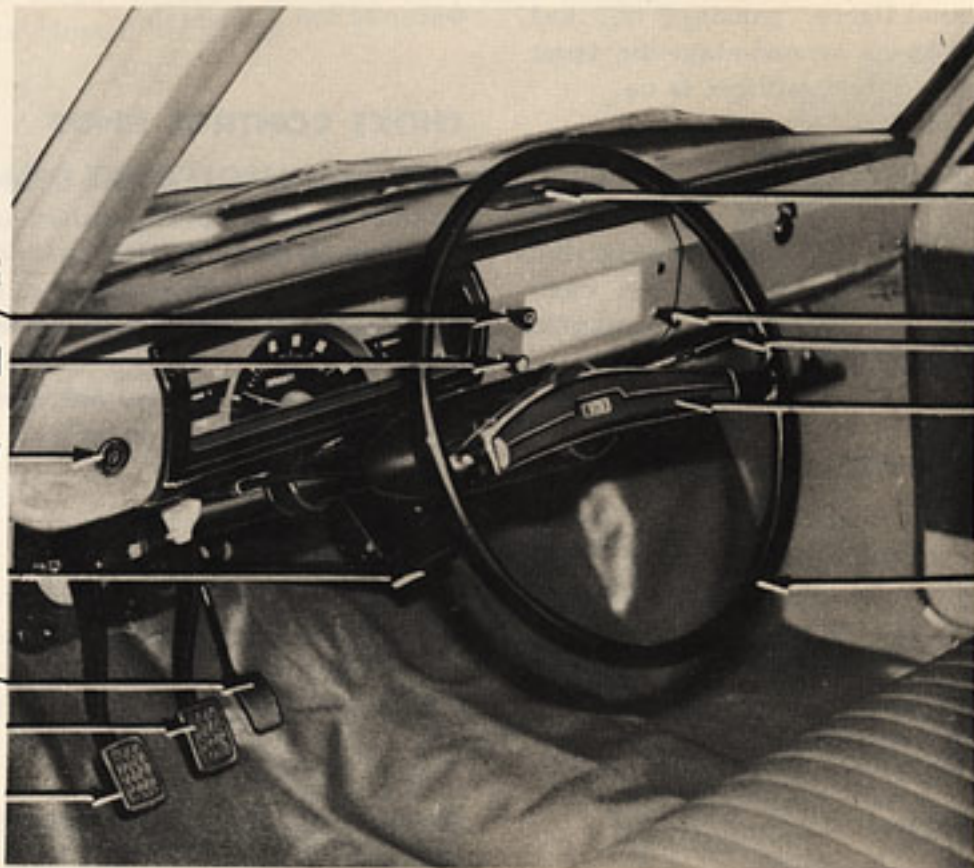
IGNITION KEY

HAND BRAKE

ACCELERATOR  
PEDAL

BRAKE PEDAL

CLUTCH PEDAL



ASH TRAY

CHOKE CONTROL KNOB  
GEAR SHIFT LEVER

HORN BAR

STEERING WHEEL

## LIGHT SWITCH

This is a two-stage, pull-type switch. At the first stop, the instrument lights, parking, tail and licence lights are on. At the second stage the front parking lights are off, and the headlight is on.

## IGNITION/STARTER SWITCH

This is used for starting and stopping the engine and supplying electric current to the car. Release the key immediately as soon as the engine starts.

## WINDSHIELD WIPER SWITCH

Pull the switch to start the wiper. The blades return to the original position automatically when the wiper switch is off. Be sure not to operate the wipers needlessly in the fair weather when the windshield glass is dusty. This may scratch the glass or spoil the motor. However, it is recommended to use the wipers in the fog.

## HEATER KNOB(OPTION)

Pull the knob and control the fan speed.

## WINDSHIELD WASHER(OPTION)

Push the rubber projection and sprays the water to the windshield.

## CHOKE CONTROL KNOB

The choke control knob is used only when starting the engine at cold weather and during the engine warm-up period. Pulling the knob outward enriches the fuel/air mixture supplied to the engine, providing easier starting and smoother engine warm-up operation.

As soon as the engine is warmed up enough to run evenly, push the knob in fully.

## HAND BRAKE

Pull the lever straight and lock it on that position to apply the parking brakes. To release the brakes, turn the lever and push in completely. Please keep the brake on while the car is parking.





## STEERING WHEEL AND HORN BAR

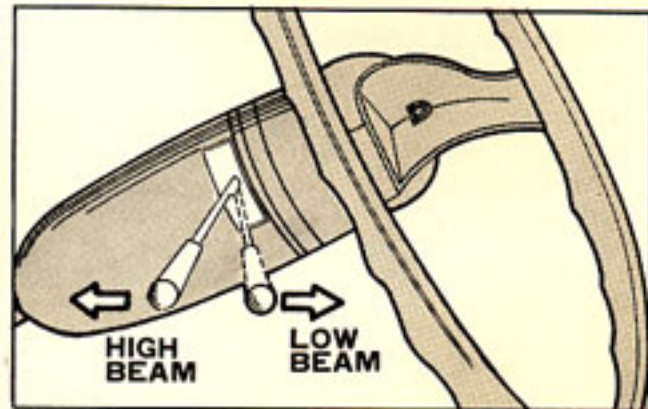
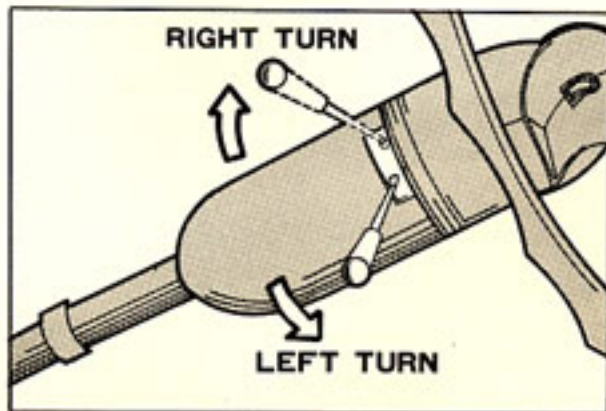
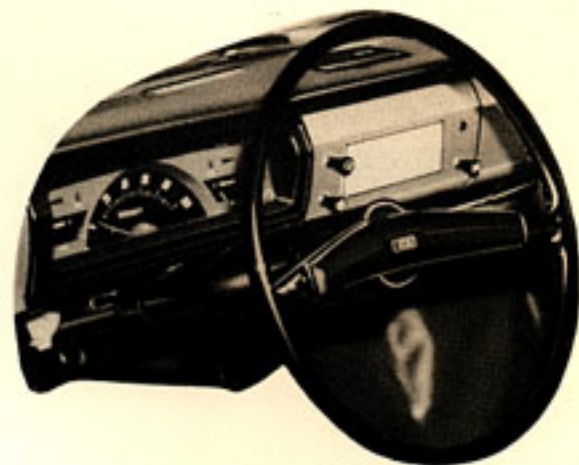
A steering wheel of large diameter provides very easy handling and the bar type horn is adopted for safety.

## HEADLIGHT BEAM AND DIRECTIONAL LIGHT SELECTOR


This selector is used as headlight beam selector and directional light selector.

Move the lever downward for left turn and upward for right turn.  
(On left hand drive car)

Move the lever toward you for dim headlight.



## GEAR SHIFT LEVER

The four-speed transmission is shifted by a  pattern gear shift lever. Synchromesh is provided on all gears. Only for DATSUN PICK-UP to U.S.A., shift pattern is indicated on the shift knob.



(L)520-(U)



L520-TU

## HAZARD FLASHER SWITCH( TO U.S.A. ONLY)

Only for DATSUN PICK-UP to U.S.A., hazard flasher switch is adopted. Pulling this switch will cause all directional signals to flash continuously.

