

**WARNING FOR
THE FIRST
1900 miles
(3000 km.)**

RUNNING IN

To allow the various parts of the car, **particularly the engine, gearbox and differential**, to settle in gradually, a running-in period is necessary, during which maximum performance must not be demanded of the car.

RECOMMENDATIONS FOR THE FIRST 1900 MILES

Mileage	Max. speeds mph					
	1st	2nd	3rd	4th	5th	
Up to 600	17	29	42	57	71	Cold starting: — press in choke as soon as possible; — before driving, run engine at approx. 1500 r.p.m. for at least 1 minute in summer and 2-3 minutes in winter. While driving: — do not drive at max. recommended speeds for long periods; — never fully depress the accelerator pedal; — now and then release the accelerator pedal; — avoid full and extended braking during the first 600 miles.
601 to 1900	21	35	51	69	88	

RECOMMENDATIONS FOR THE FIRST 3000 KMS

Kiloage	Max. speeds Kph					
	1st	2nd	3rd	4th	5th	
Up to 1000	27	46	67	91	115	Cold starting: — press in choke a — before driv While driving — do not d
1001 to 3000	34	56	82	111	141	— never — now — avoi

DURING RUNNING-IN STRICTLY FOLLOW THE ABOVE INSTRUCTIONS!

Note: The same recommendations apply also in the case of engine re-conditioning involving the replacement of cylinder barrels, pistons, piston rings and bearings.

FREE SERVICE COUPONS

COUPON A

COUPON B

At the first **450-750 mi.** (700-1200 Km) } carry out the free servicing
 At the first **3100-3750 mi.** (5000-6000 Km) } included in coupons

How to use your car



STARTING THE ENGINE

Insert the key.

Turn the key to **GARAGE** position. To help in freeing the steering lock, slightly rotate the wheel in both directions.

Turn the key to **MARCIA** position. Ignition circuits are on (alternator warning light lit).

Turn the key further to **AVVIAM**. The starting motor comes into action and the key, as soon as released, returns automatically to **MARCIA**. If the engine fails to start, the key must be returned to **GARAGE** and the operation repeated.

STOPPING THE ENGINE

Return the key to **GARAGE**. In such a position the ignition is « off » and the wheels can be steered even if the key is withdrawn.

ANTITHEFT DEVICE/STEERING LOCK

Turn the key back to **BLOCCO**. By withdrawing the key the steering is locked; to engage the lock properly, slightly rotate the wheel in both directions.

Never withdraw the key before the car has come to a complete stop as the « steering lock » condition may occur.

MARCIA = ignition; AVVIAM. = starting; BLOCCO = lock.



From cold

Before starting the engine make sure the gear lever is in neutral. Pull out the choke, insert the key in the ignition switch and start the engine. Particularly when starting from cold in winter, it is advisable, in order to facilitate starting, to press the clutch pedal down fully and the accelerator through about one quarter of its stroke while at the same time operating the choke lever.

As soon as the engine fires release the ignition key.

If the engine fails to start at once, do not keep the starting motor running (or the battery will soon become discharged) but wait a few minutes and try again.

If it still will not start, look for the cause as follows:

- the battery charge may be too weak to rotate the starting motor sufficiently fast to start the engine;
- the ignition equipment may be defective (dirty plugs, excessive spark gaps, oxidized contact-breaker points, wet or cracked distributor cap, damaged distributor or coil);
- the carburettor may be dirty and jets clogged;
- electric circuits may be broken or fuses blown.

When the engine has started, move choke lever halfway back until the engine is warm and then push it down.

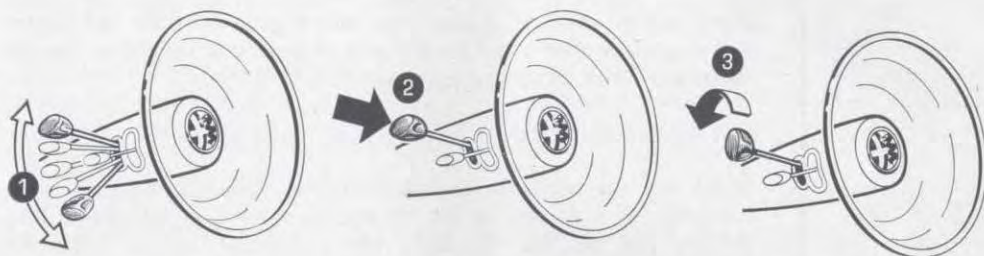
Do not accelerate the engine until it has warmed up, since when the engine is cold the oil cannot reach all points requiring lubrication.

Make sure the oil pressure shown by the gauge is as prescribed and the oil pressure warning light goes off as soon as the engine speed exceeds idling.

Make sure the alternator warning light goes off as soon as engine speed exceeds idling.

Hot engine

In summer, or when the engine is already hot, do not use the choke. Starting will be facilitated if the accelerator is depressed about half way so that the carburettor throttle is opened in order to lean the mixture.



The switch lever may be in either of the two positions. The warning lights on the dashboard are out.

1 Lights off

Press on the knob irrespective of the position of the switch.

2 Flashing

Irrespective of the position of the lever, turn the knob to the first notch. The warning light (16, page 10) on the dashboard will light up and flashing is still possible by pressing the knob.

3 Parking light and number plate light

From position 3 turn the knob forward to the second notch.

If the lever is up, the **dipped lights** come on (no flashing).

If on the other hand, it is down, the **beam lights** and the respective warning light (17 page 10) come on (flashing possible).

The movement of the lever up and down allows the light to be **dipped** or returned to **beam**.



The lights are extinguished by turning the knob back over the notches.

1 Lights off

While driving

Take care not to run the engine beyond the maximum R.P.M.

Check the oil pressure gauge from time to time and stop the engine if the pressure with a hot engine and at maximum revolutions should fall below limits shown on page 33.

Check the low pressure warning light (see page 10): if on, it is an indication of a trouble in the lubricating system: in this case, stop the car and get the lubricating system checked by an Authorized Workshop.

However, it is possible for the warning light to come on when the car is cornering: this may be caused by a low level of oil in the sump which can be easily remedied by topping up.

No trouble exists if the warning light comes on while the engine is idling, especially when hot.

Do not drive at high speed until the oil in the engine, in the gearbox and in the differential has warmed up properly.

When shifting gears, take care to depress the clutch pedal fully; this will ensure smooth operation of gearbox and save synchronizers from excessive wear.

Do not rest your foot on clutch pedal when not actually using it.

While parking

Never leave the key in the « **MARCIA** » position (ignition «on») to prevent battery discharge and coil damage. Apply the hand brake and, when parking the car uphill or downhill, shift into a low gear and steer the front wheels in such a direction as to cause the car, should the hand brake disengage accidentally, to move toward the kerb.



The **Alfa Romeo Coolant Mixture** gives full protection against freezing down to -20°C . (-5°F).

In places where the temperature falls below -20°C , the antifreeze mixture can be made stronger by varying its concentration.

To this end, a certain amount of mixture should be drained off the circuit and replaced with the same quantity of **Alfa Romeo Antifreeze** drawn from suitable containers available by Alfa Romeo SERVICE STATIONS.

The quantities of antifreeze to be added to radiator and reservoir depending on the lowest anticipated temperature are the following:

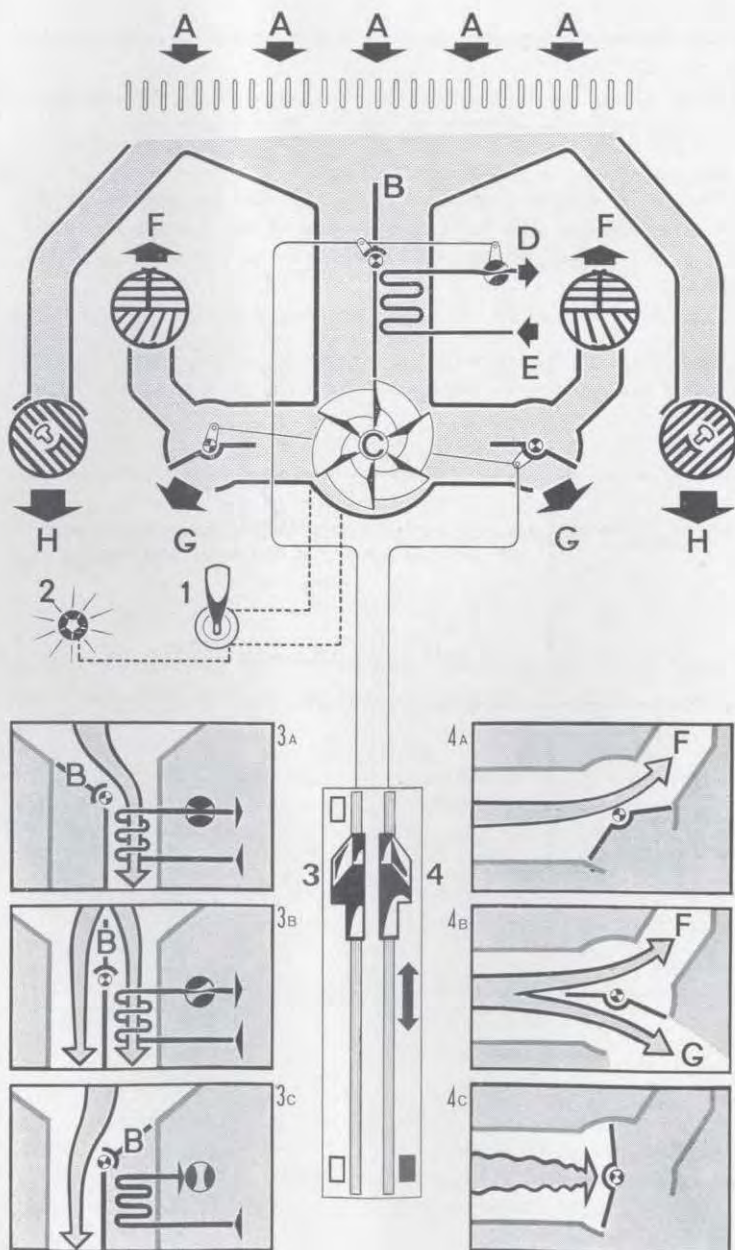
Temperature		Amount of Alfa Romeo Coolant Mixture to be replaced with an equal quantity of Alfa Romeo Antifreeze .		
$^{\circ}\text{C}$	$^{\circ}\text{F}$	Radiator	Reservoir	Total
-26	-16	800 cc.	200 cc.	1 lt.
-35	-30	1600 cc.	400 cc.	2 lts.
-44	-48	2400 cc.	600 cc.	3 lts.

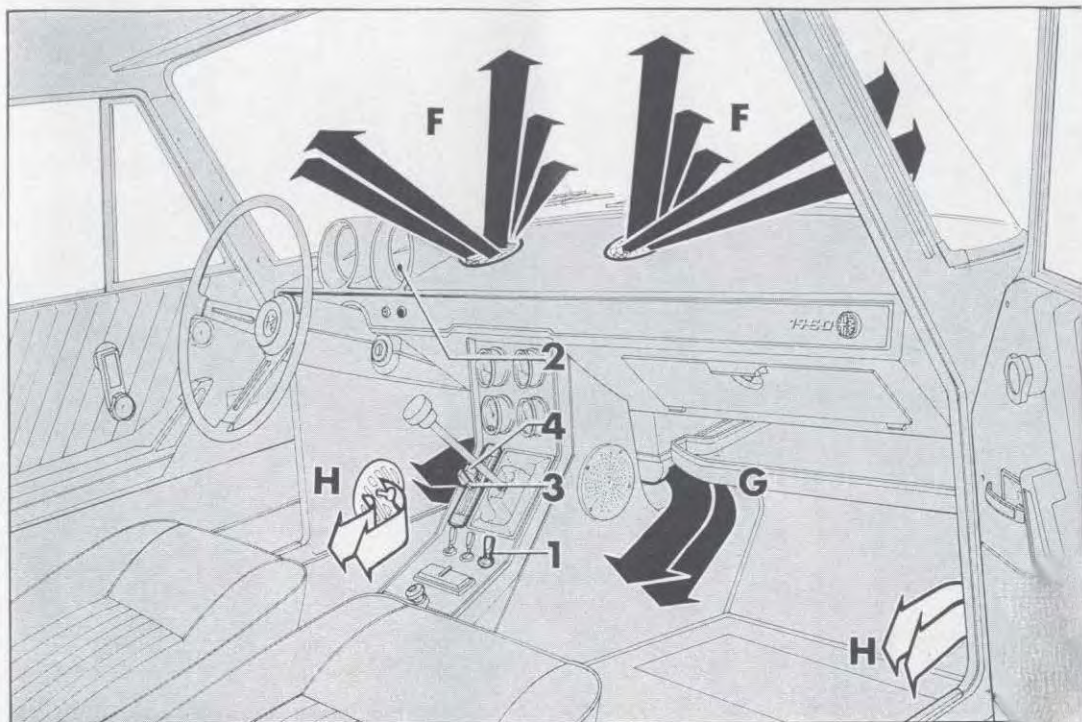
It is recommended that this operation should be entrusted to an authorized Service Station.

Cooling circuit

How to use your car

- A** Air inlets in engine bonnet
- B** Air shutter
- C** Electric blower
- D-E** Water pipes
- F** Windscreen demisting slits
- G** Air outlets into car
- H** Ram air ventilation
- 1** Blower switch
- 2** Blower operation warning light
- 3** Temperature control
 - 3a** Warm air
 - 3b** Warm & fresh air
 - 3c** Fresh air
- 4** Air control
 - 4a** Demisting
 - 4b** Demisting ventilation heating
 - 4c** Closed





From **A** air enters through:

- **F** for windscreen demisting (warm and fresh air)
- **G** for ventilation and heating
- **H** for ventilation

Controls

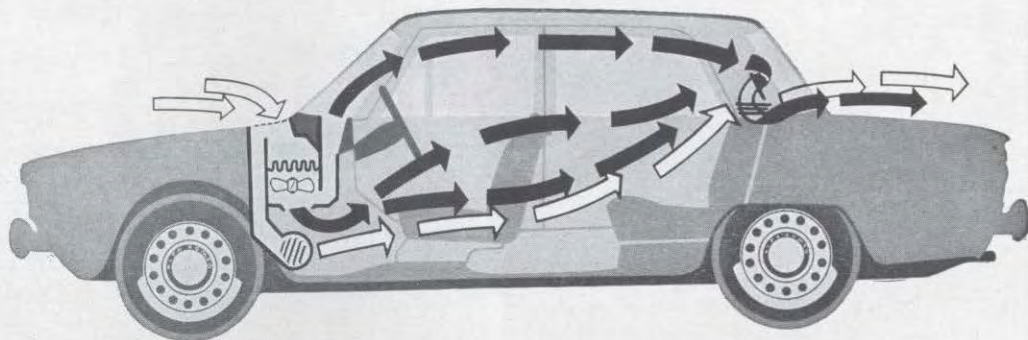
- The air admitted to the car through **B** can be gradually heated by the movement of the lever **3** which operates the shutter **B** and

the cock **D** in the water pipes (operate this lever only when engine is warmed up).

- The movement of the lever **4** gradually regulates the flow of air through the openings **F** and **G**.
- In order to produce a satisfactory flow of air into the car at low speeds, switch on the two-speed electric blower by means of switch **1**. Warning light **2** indicates that this has been done.

Location of controls and air outlets
(refer to page 18)

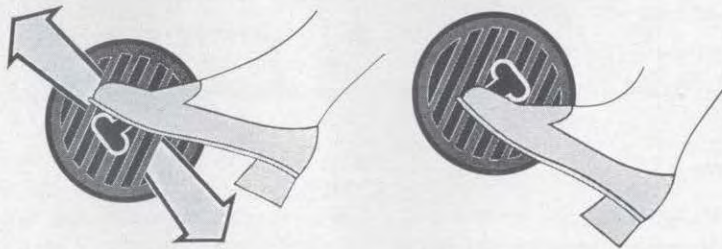
How to use your car



-  Fresh air
-  Fresh or warm air

For a best ventilation, flow away slits are provided at rear window posts.

Ventilating outlets

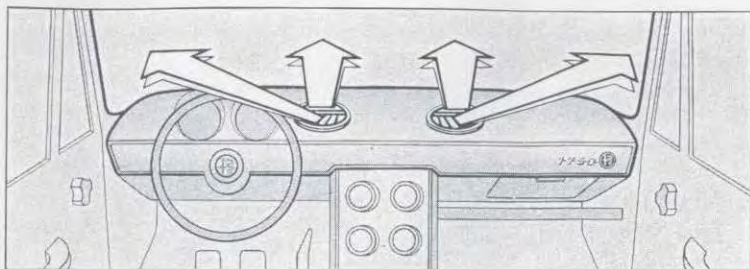


LEVER DOWN
« OPEN »

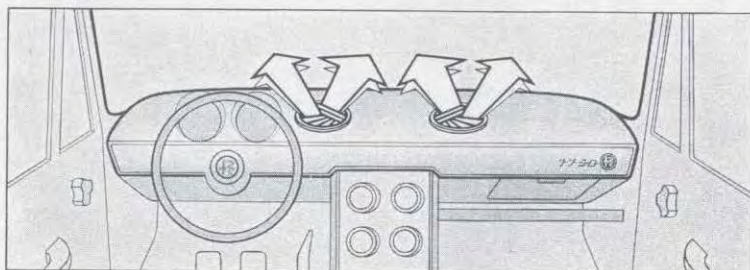
LEVER UP
« CLOSED »

How to use your car

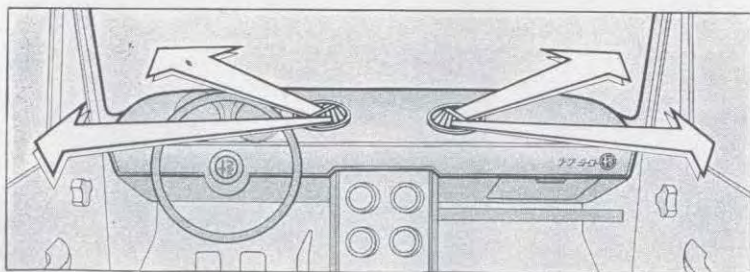
VENTILATION DEMISTING AND HEATING



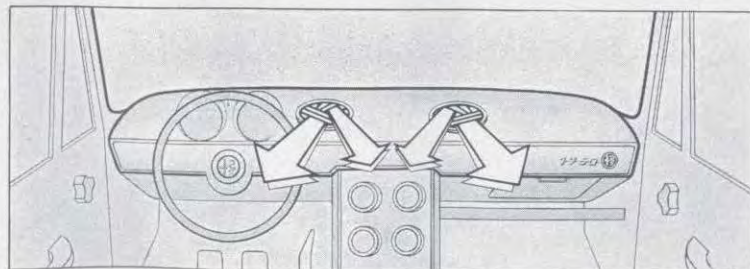
**Windscreen
demisting**



**Spot
demisting**



**Windscreen
and front
windows
demisting**



**Ventilating
or heating**

The illustrations show some examples of outlet positions.
The outlets can be rotated by hand as desired.

INTERIOR

How to use your car

Sun visors

- The front seats are equipped with padded sun visors which can be moved laterally.
The passenger's visor is provided with a vanity mirror.

Rearview mirror

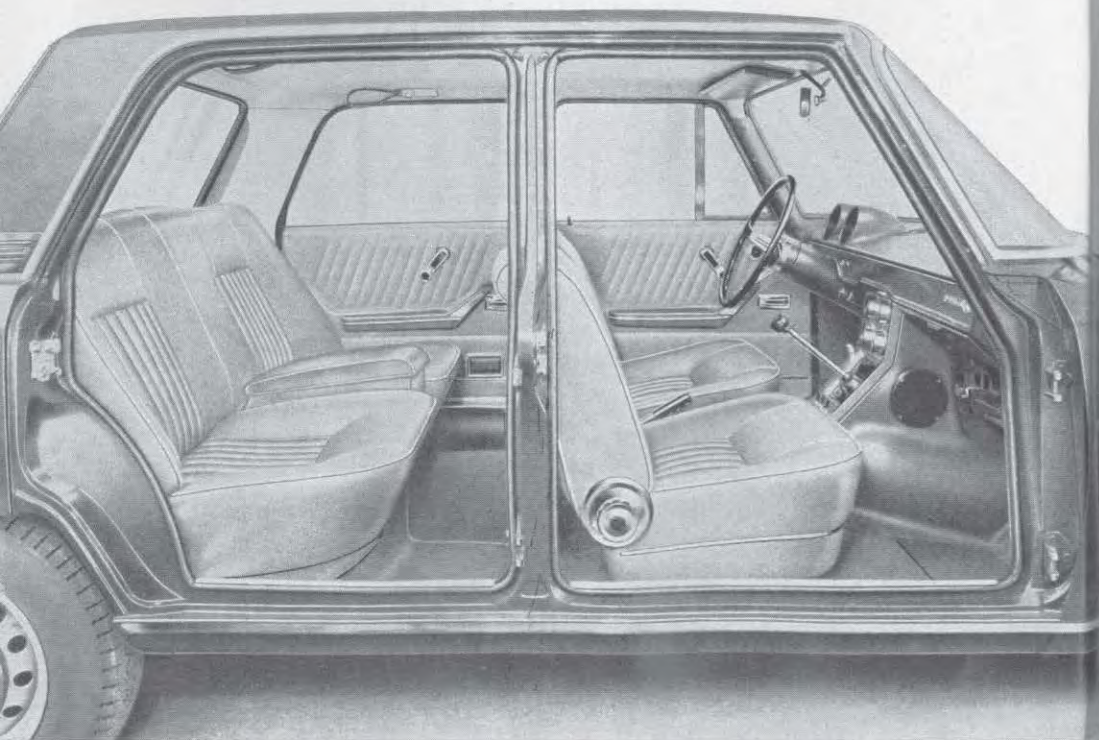
- The rearview mirror has a day-night anti-dazzle device.

Internal lighting

- Internal lighting is provided by two ceiling lights; the switches have three positions:
one in the centre: lights always off
two at the sides: lights always on or automatically operated when opening doors.

Ash trays

- At the sides of the rear seats are two ash trays. They can be removed for emptying by pressing down the small central spring inside the ash tray.



- The positioning of the front seats is controlled by a lever situated on the front edge of each seat; by freeing the lever the seat may be moved to the position desired.
Two knobs at the outboard sides of the seats control the angle of the backrests.

Front seats



- An arm rest with utility recess is provided between rear seats.

Should three persons be accommodated on rear seats, the arm rest can be removed and replaced with the padded cushion found in the luggage compartment.

Rear seats

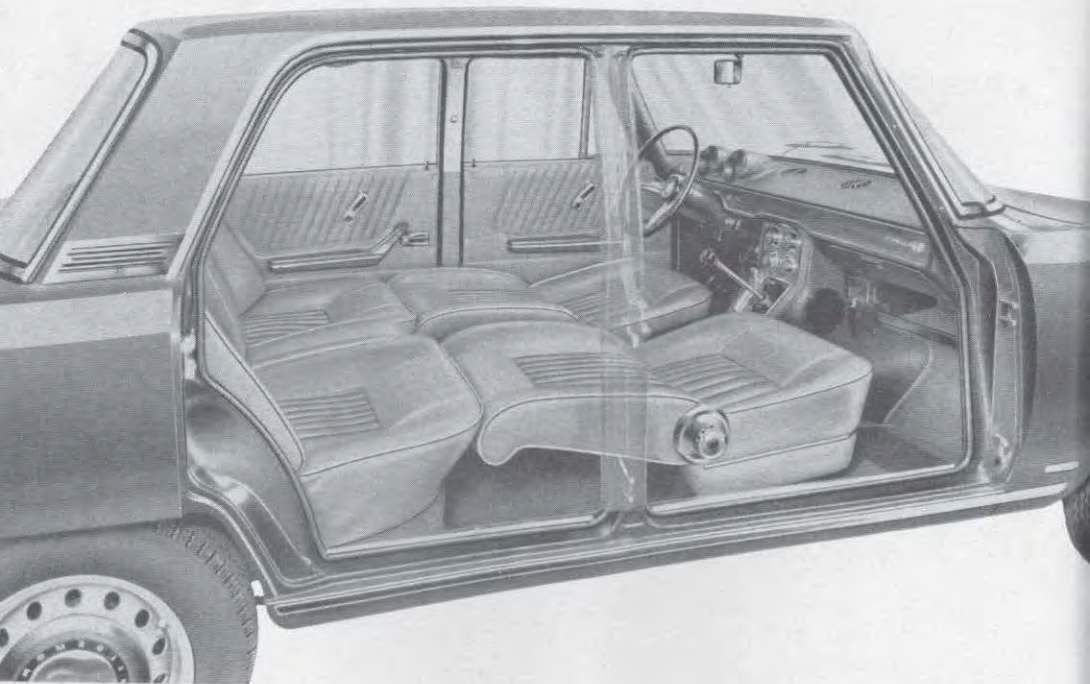
How to use your car

Radio

Provision is made in the dashboard for the installation of the radio.

The location is:

- in the dashboard for the radio set
- in the console and on backshelf for the speakers.



Setup of seats for camping

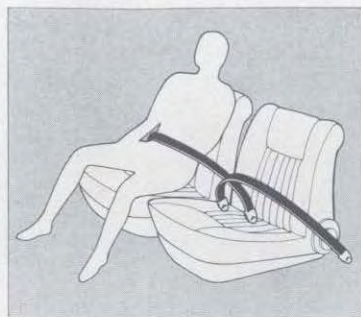
A comfortable arrangement of seats is obtained as follows:

- push all the way forward the front seats;
- recline the backrests by rotating the knob on the outboard side of seats.

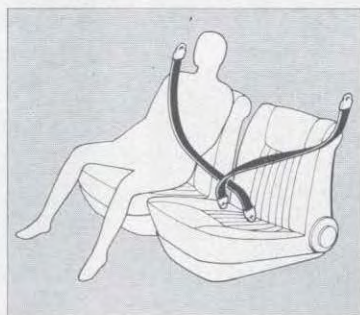


SAFETY BELTS

LAP



SHOULDER

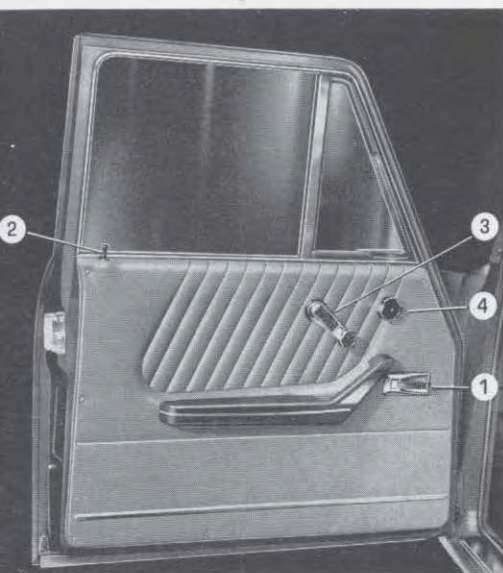


Provision is made for the fitting of safety belts to front seats.

Suitably reinforced attachment points are located:

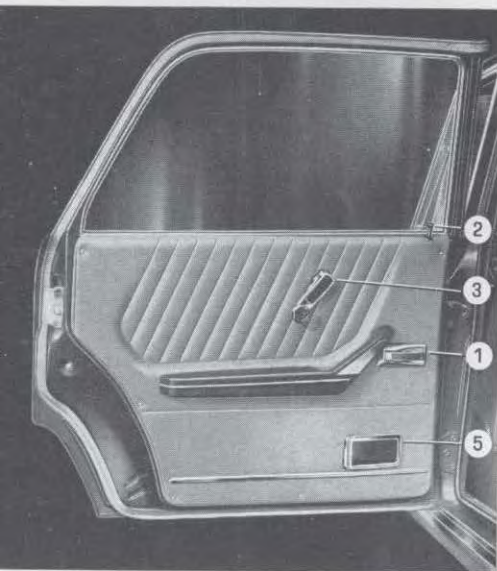
- for lap belts; on the central tunnel and on side rails;
- for shoulder belts; on the central tunnel and on centre pillars.

Furthermore, all three attachment points can be used for the installation of lap and diagonal harness.



Front door

- 1 Handle for opening the door from inside.
- 2 Safety lock button: for locking the door from inside, push the button in after the door is shut. On rear doors the safety button can be pushed in for pre-locking even if the door is open. Both front doors have locks for closing from the outside.
- 3 Window regulator handle.
- 4 Vent window control.
- 5 Ash tray. It can be removed for emptying by pressing down the small central spring inside the ash tray.

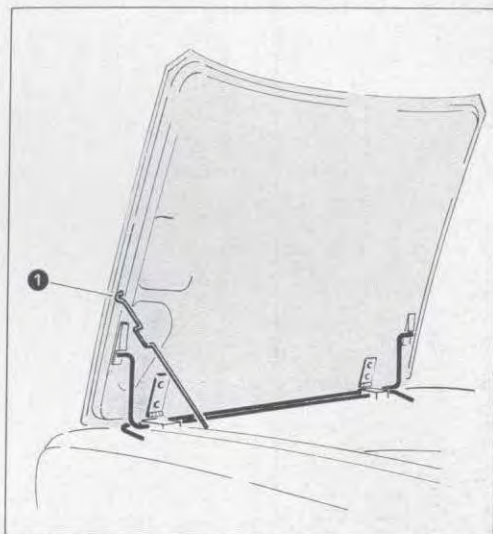
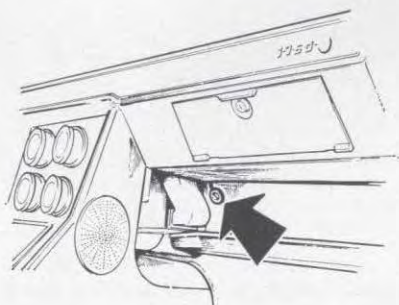


Rear door

How to use your car

BONNET LUGGAGE BOOT

The bonnet opens opposite travel direction; to release the catch, pull the lever under the dashboard (see page 10). The bonnet is held in open position by the suitable rod. 1. To release the bonnet in an emergency, pull the ring shown by the arrow.

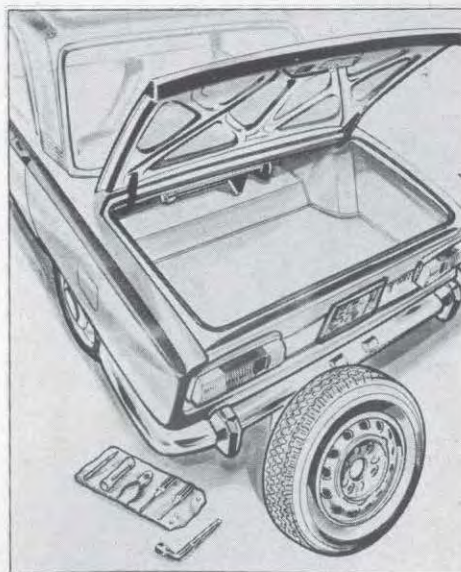


In the boot:

- Spare wheel under the mat
- Jack on the bulkhead
- Tool kit at the L.H. side
- Cushion

TOOL KIT

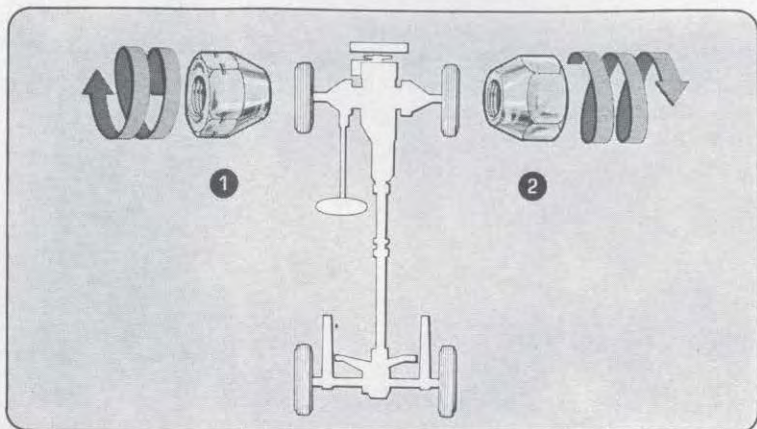
- Wheel brace
- Pliers
- Box spanner for plugs
- Tommy bar for plug spanner
- Phillips screwdriver
- Screwdriver





How to use your car

WHEELS



The dimensions of the pressed steel wheels are:

5 1/2 J x 14

Wheel removal



- Remove wheel cover and slacken wheel nuts by one turn with the wheelbrace.

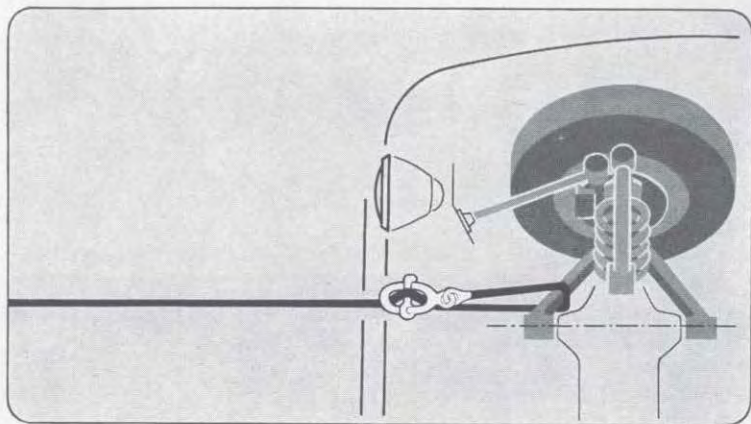
- 1 left-hand wheels: turn the nuts clockwise to unscrew
- 2 right-hand wheels: turn the nuts anti-clockwise to unscrew.

- Raise the car by inserting the jack arm in the special socket on the underside of the body longitudinal member. Before operating the jack, apply the handbrake.

- Fully unscrew the nuts and remove wheel.

Reinstallation

- Tighten the nuts carefully in diagonal order. Check again tightness of nuts after lowering the jack.
 - left-hand wheels: turn the nuts anti-clockwise to screw in
 - right-hand wheels: turn the nuts clockwise to screw in.

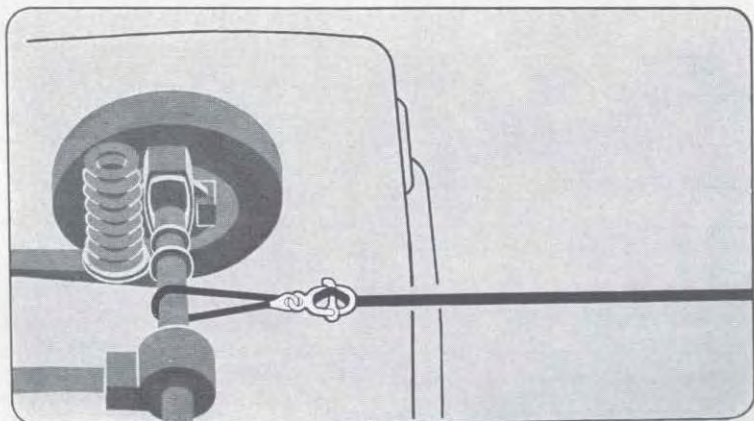


When taking a tow, secure the rope exclusively to the front suspension lower wishbone in correspondence of wishbone attachment to body.

Take A tow

When taking another vehicle in tow, secure the rope to the axle tube making certain not to damage the pipes of hydraulic brakes.

Take IN tow



LUBRICATION

450-750 mi.
(700/1200 Km)

— Carry out the **Coupon A** from the Service Coupon Book.

3100-3750 mi.
(5/6000 Km)

— Carry out the **Coupon B** from the Service Coupon Book.

EVERY
300 mi.
(500 Km)

1 Check level of engine oil and top up if necessary.
When checking push the dipstick all the way down. Never allow the oil to fall below the minimum or to exceed the maximum level while topping up.

2 Check level of gearbox oil and top up if necessary.

3 Check level of differential oil and top up if necessary.

4 Check level of steering box oil and top up if necessary.

EVERY
3750 mi.
(6,000 Km)

5 Change engine oil (or every 6 months whichever comes first). When topping up never exceed the maximum level.

6 Change oil filter element.

7 Grease ignition distributor.

8 Grease propeller shaft universal joints & sliding yoke.

9 Change gearbox oil.

EVERY
11,250 mi.
(18,000 Km)

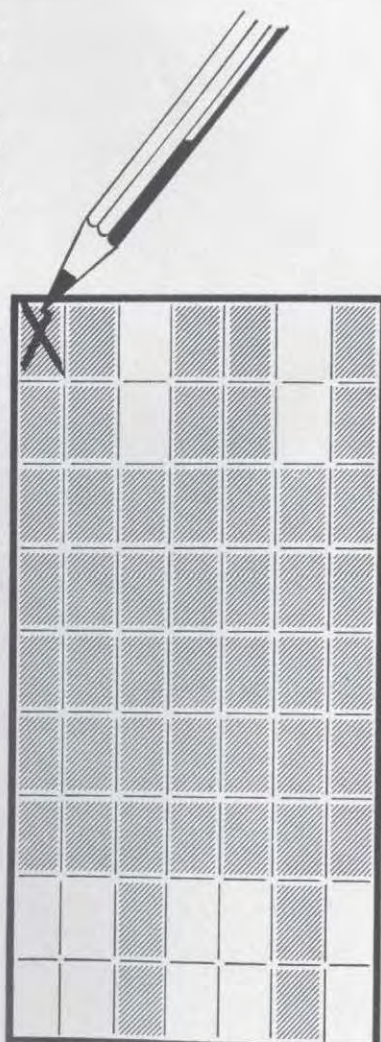
10 Change differential oil.

OCCASIONALLY

Grease the linkage joints & hinges of:

- carburettors
- clutch
- handbrake
- doors & lids

Grease flexible shafts.



7,500
12,000 Km.
11,250
18,000 Km.
15,000
24,000 Km.
18,750
30,000 Km.
22,500
36,000 Km.
26,250
42,000 Km.
30,000
48,000 Km.

MILEAGE COVERED
TICK EACH ITEM AT THE RESPECTIVE
MILEAGE