

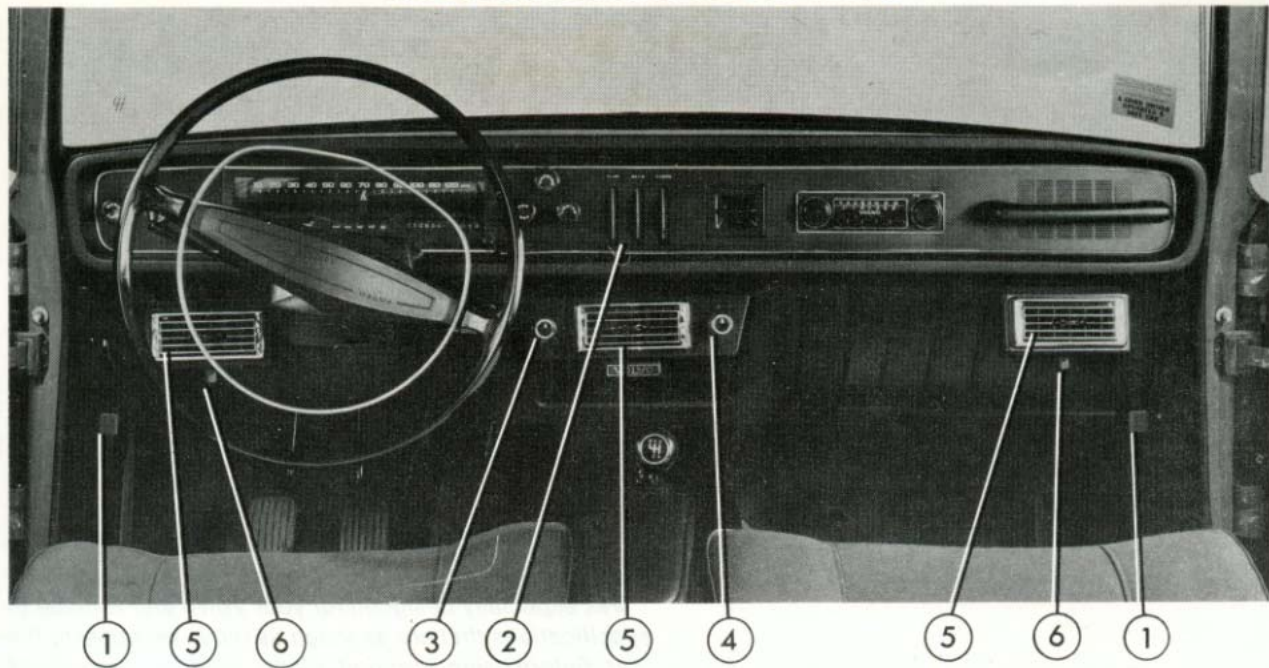


**Air Conditioner  
Owner's Manual & Warranty**



*This manual is designed to help you obtain maximum enjoyment from your air conditioner. Your air conditioner was especially designed for your Volvo and is made to specifications that are as tough as those we apply to the car. Before using your unit, please read the instructions in this manual carefully.*

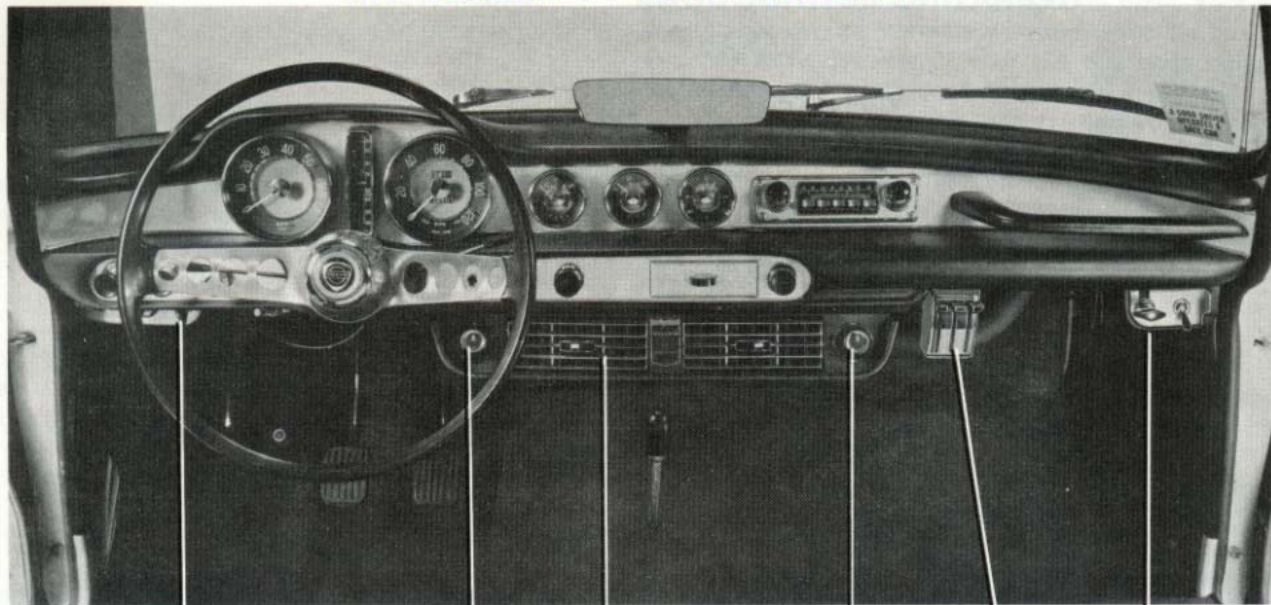
## AIR CONDITIONER 140 AND 160 SERIES



- 1 FRESH AIR VENTS
- 2 HEATER CONTROLS
- 3 A/C FAN SWITCH

- 4 A/C THERMOSTAT
- 5 A/C AIR LOUVERS
- 6 CONTROLS FOR CLOSING LOUVERS

## AIR CONDITIONER 122 AND 180 SERIES



1

3

5

4

2

1

1 FRESH AIR VENTS

3 A/C FAN SWITCH

2 HEATER CONTROLS

4 A/C THERMOSTAT

5 A/C AIR LOUVERS

## OPERATING INSTRUCTIONS

### **Turn On Fan**

The fan switch (3) does two things. It energizes the cooling system and it controls the fan speed.

NOTE: 180 Models have a *pre-cool* position. For quicker cooling, set it at this position for a few minutes before turning to the desired fan speed.

### **Set Thermostat** **120 and 180 SERIES**

The thermostat (4) controls the comfort level of the cooling air. In order to avoid icing of the coil we recommend that the thermostat be set at the six o'clock position. After driving for at least one hour, thermostat may be set at any desired position.

### **Set Thermostat** **140 and 160 SERIES**

The thermostat (4) controls the comfort level of the cooling air. In order to avoid icing of the coil, we recommend that the thermostat be set in the blue section. The red section should be used for city driving or for quicker cool-down.

### **Close Windows**

Do not drive with any vents or windows open. Your air conditioner cannot compete with the incoming hot air and humidity. However, if your car has been parked in the hot sun, it will cool off quicker if you get the heat out. Open a fresh air vent (1) and your window to exhaust as much hot air as you can during the first half-mile of driving. Then close the vent and the window.

Should smoking cause discomfort, the vent window may be opened slightly.

### **Air Direction**

In the 140 and 160, the cool air, is distributed through three adjustable louvers (5). These louvers are designed to direct the air stream in any direction. For maximum comfort, the outer louvers should be aimed to direct the air flow up and to the outside while the center louver should be set so that the air flow is directed to the rear seat. If necessary, all louvers can be directed to the driver. (For 120 and 180 Series, see picture.)

For increased comfort in the 140 and 160 Series, the outer louvers are equipped with shut-off devices. They are operated by the small knob in the housing under the louvers (6).

## MAINTENANCE

The Volvo air conditioner is a finely engineered unit. It will give you maximum service if you follow these routine maintenance procedures.

1. Make a habit of checking the condenser. (It's mounted in front of the radiator.) Keep it free of bugs and dirt.

NOTE: Do not obstruct the air flow through the condenser by covering it with a bug screen.

2. At least once a year, ask your Volvo dealer to see that the area between the condenser and the radiator is also clear of obstruction.
3. Check tension of compressor drive belt every 6,000 miles.
4. Have an annual spring check-up by your Volvo dealer. The mechanic will check the refrigerant, belt tensions, condenser and evaporator coils and switches. Ask him, too, to make sure that the area between the condenser and the radiator is clear of obstructions.



## **WINTER OPERATION**

During the Winter months, turn on the unit once or twice a month, and allow it to operate for a few minutes. This will lubricate the compressor seals and prevent loss of refrigerant.

You can also use your air conditioner as a dehumidifier. You can use it in conjunction with your heater on those wet cold winter days. It will add to your driving comfort as it does in the summer.

## **SERVICE**

Your Volvo dealer will be able to offer you any needed service.

## **WARRANTY**

The warranty is on the following page. Read it and keep it with your other Volvo papers.

## VOLVO AIR CONDITIONER WARRANTY

We hereby undertake to warrant the Volvo air conditioner specified below to be free from defects in material and workmanship for a period of six (6) months from the date recorded below.

This warranty implies that we undertake to replace free of charge any part or parts acknowledged by us to be defective in material or workmanship and to compensate for reasonable labor costs involved in replacing such part or parts.

The warranty is not valid for defects that result from accidents, abuse or unauthorized repairs unless such defects are not a result of this.

The owner shall be responsible for normal maintenance of his air conditioner and to present a properly completed warranty certificate to any authorized dealer should warranty repairs be required.

Evap. No. \_\_\_\_\_ Date Installed \_\_\_\_\_

Volvo, Inc.  
Rockleigh, N.J. 07647



