

ACCESSORIES

**AUTOMATIC WINDSHIELD WASHER
FOG AND DRIVING LIGHTS
SEAT COVERS
NO-ROL**

**RADIOS
DEFROSTERS
CAR HEATERS
ELECTRIC WATCHES**

**• VISOR AND DRIVING MIRRORS •
• REAR WINDOW WIPER •
• SUPER-SIGNAL HORN •**

Instructions for servicing and installing accessories will be included in each individual package.

- Radio service information is included in the Electrical Section. •

HEATER—STANDARD ON SERIES 90

- All series present a new car heater, which is standard equipment on Series 90. See Fig. 14-1.
- All of the air to be heated is brought in from the outside, passed through the heater core where it is warmed and then distributed through the car. The car temperature is automatically controlled by means of a thermostatically operated valve which governs the water flow to the heater in accordance to the heat required.

- The heater is located under the front seat and receives its air through a tube which extends into the radiator grille compartment. The forward opening of this tube is shielded with a screen guard. This tube is also the source of fresh air for the right-hand ventilator. A manually operated air shut-off valve is located in the tube between the ventilator fresh air take-off and the heater. This may be operated to shut off the air to the heater if the occasion presents itself.

- At all times when heat is required this valve must be open as the heater requires fresh air for its operation. The valve may be opened by pulling out on knob located at lower corner of radio grille opposite ignition lock on Series 40-60-90 and at upper corner opposite ash tray on Series 50-70. Rotation of this same control operates the automatic temperature valve.

- The blower switch on the instrument panel controls a blower installed in the fresh air tube. See illustration. This blower furnishes air for the heater and must be running when driving

at car speeds below 30 M.P.H. At car speeds above 30 M.P.H. the blower may be shut off as the heater will be supplied with sufficient air by the impact on the air tube due to car velocity; however, shutting off the blower is not necessary for heater performance.

The car temperature is maintained by an automatically controlled water valve located on the dash and operated by rotating the same knob, which controls the air valve in the tube. This control valve is provided with a manual range adjustment which can be set by the operator for maximum comfort. Turning the adjustment clockwise raises the car temperature, while anti-clockwise lowers the car temperature. The adjustable range of the valve is 330 degrees.

The last few degrees motion of this adjustment when made in the full clockwise direction divorces the automatic control feature and holds the valve open, giving maximum water flow with consequent maximum heat. This feature is to provide unrestricted water flow to the defroster core when maximum defroster capacity is necessary for de-icing. At this time the temperature of the car may be reduced by adjusting the air valve to restrict flow of air through heater core.

Water flow through the heater and defroster is completely stopped by a full anti-clockwise rotation of the control and shuts off heater and defroster when not desired, such as for summer use. This replaces shut-off valve in water line at motor.

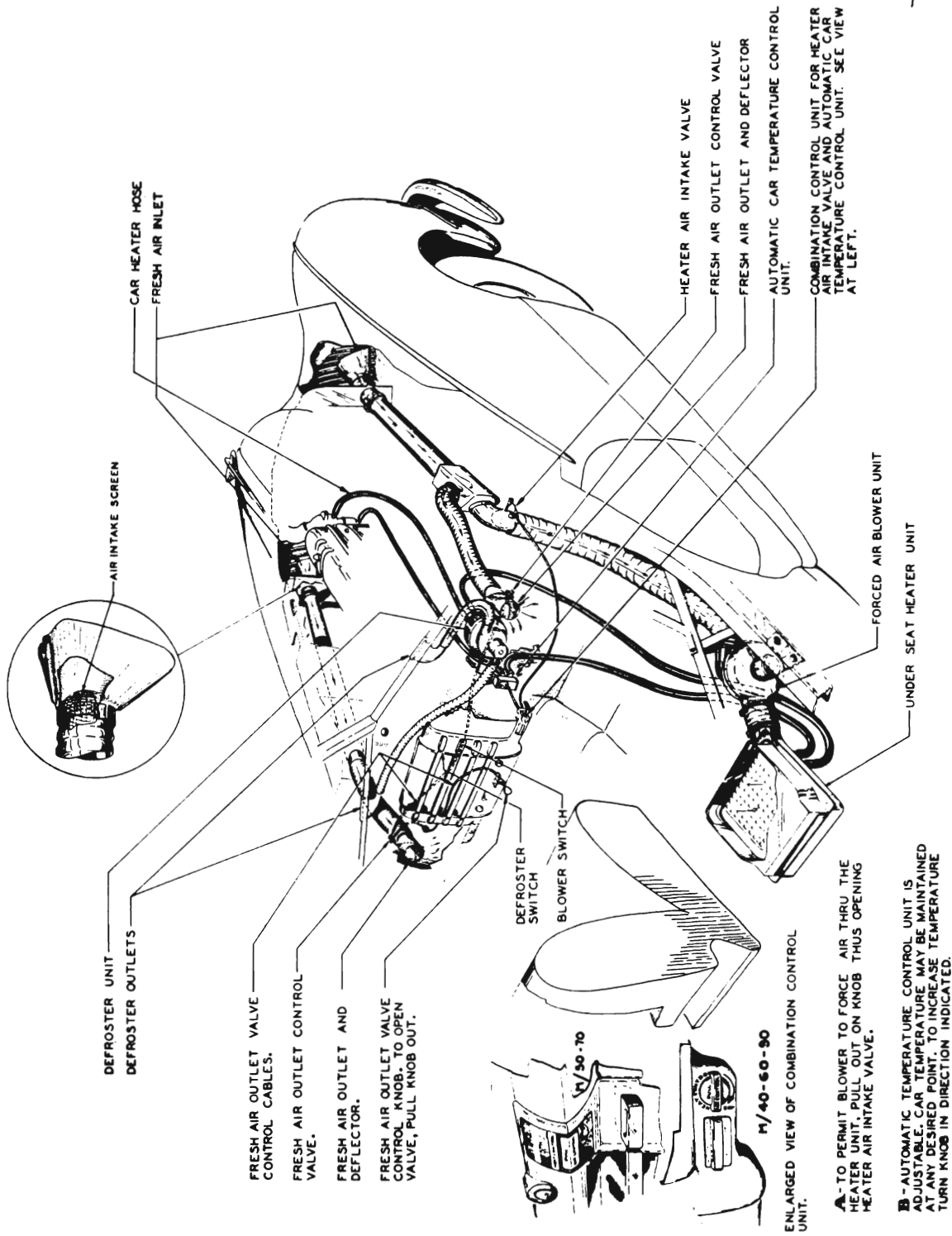


Fig. 14-1. Series 90 Car Heater