

RADIATOR SUPPORT AND MOUNTING PARTS

CONTENTS OF THIS SECTION

SUBJECT	PAGE
Radiator Removal	13-1
Support and Baffle Assembly - Pontiac	13-2
Support and Baffle Assembly - Tempest	13-3
Radiator Replacement	13-4

GENERAL DESCRIPTION

Two types of radiators are used on 1967 vehicles. All Pontiac models are equipped with cross-flow radiators, which provide horizontal coolant flow for improved cooling characteristics. All Tempest models use the conventional vertical flow design with adequate cooling capacity for all applications. For specifications and usage, refer to the radiator charts in Section 6A.

All radiators are supported by insulated cradle type brackets (Figs. 13-1 and 13-2), which retain both the lower and upper radiator tanks. Pontiac's two upper cradles are attached to the bottomside of the upper panel mounting assembly (Fig. 13-3), which, in turn, is fastened to the front end support and baffle assembly. Tempests utilize only one upper attachment bracket which mounts directly to the support and baffle assembly (Fig. 13-4).

RADIATOR ASSEMBLY—REMOVAL AND REPLACEMENT

A. REMOVAL

1. Disconnect positive battery cable.

2. Open drain cock at bottom of radiator and drain radiator and cylinder block. Remove filler cap so coolant will flow freely.

NOTE: To save coolant remove radiator overflow hose and connect to drain cock.

3. Loosen hose clamps and disconnect upper and lower radiator hoses at radiator inlet and outlet pipes.

4. On cars equipped with V-8 engines and automatic transmissions, disconnect and plug the transmission cooler lines.

5. Pontiac: Remove upper panel mounting assembly by removing attaching screws.

NOTE: The upper portion of radiator is held in place by cradle type brackets attached to bottom side of upper panel mounting assembly (Fig. 13-3).

- Tempest: Remove the upper attachment bracket and insulator from the top of the support and baffle assembly (Fig. 13-4).

6. On cars equipped with air conditioning, it will be necessary to remove the fan shroud from the rear of the radiator assembly.

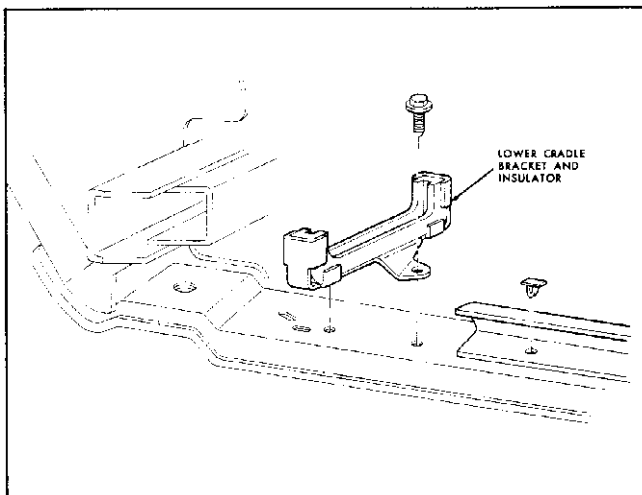


Fig. 13-1 Pontiac Lower Cradle Bracket and Insulator

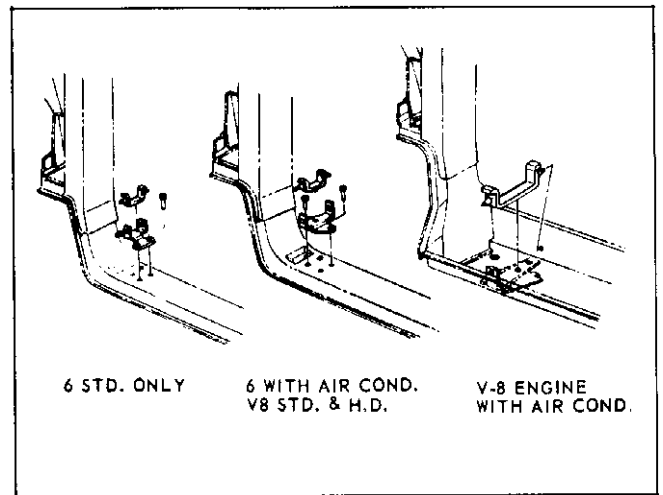


Fig. 13-2 Tempest Lower Cradle Bracket and Insulator

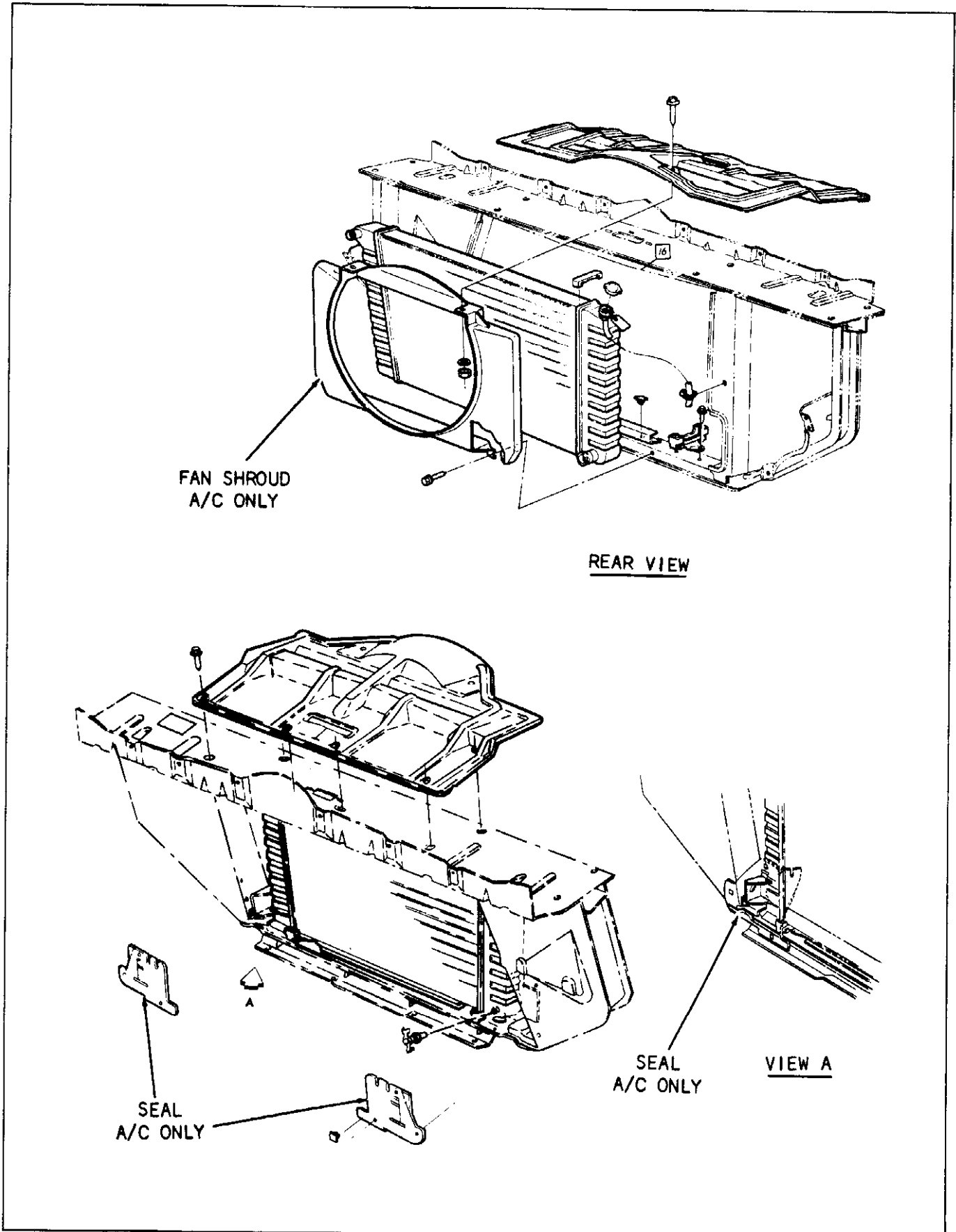


Fig. 13-3 Support and Baffle Assembly (Pontiac)

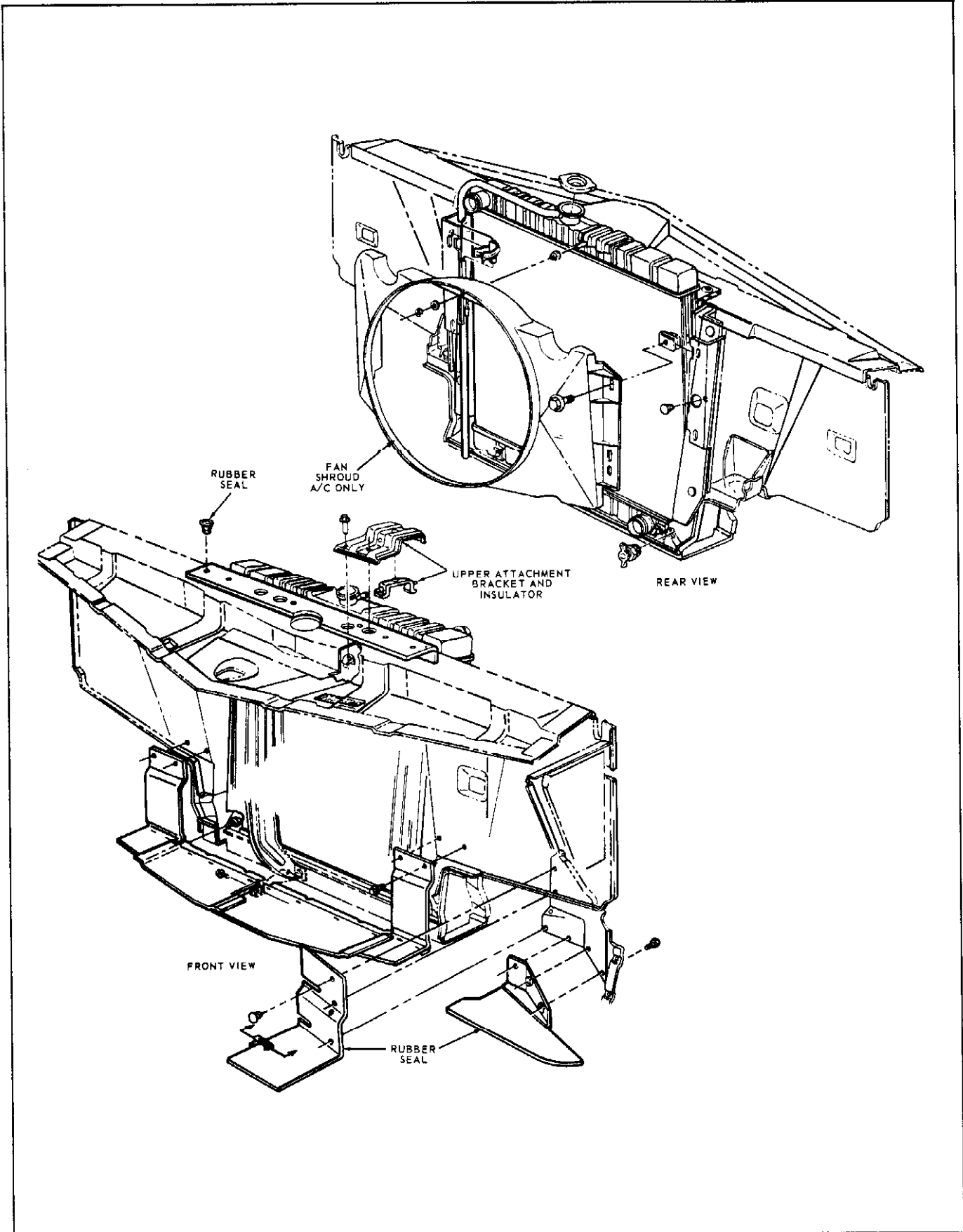


Fig. 13-4 Support and Baffle Assembly (Tempest)

NOTE: Exercise care so as not to damage the rubber seals around radiator.

7. Remove radiator by lifting straight up.

NOTE: Radiator is held at bottom by two cradle type brackets and insulators secured to support and baffle assembly (Figs. 13-1 and 13-2).

B. REPLACEMENT

1. Replace radiator assembly by reversing the above procedure, making sure the lower "cradle" brackets and insulators are properly located in the radiator bottom tank recesses.

2. On air conditioned cars be sure rubber seals around radiator are carefully replaced to prevent possible flapping or loss of coolant due to overheating. Purpose of seals is to ensure that all incoming air goes through condenser and radiator.

3. Pontiac: Torque all upper panel mounting studs to 12 lb. ft., all fan shroud to upper panel mounting studs to 7 lb. ft., and all cradle type bracket attaching studs to 12 lb. ft.

Tempest: Torque all lower cradle bracket to support and baffle assembly attaching studs 50 lb. in., and all fan shroud and upper attachment bracket studs 12 lb. ft.

4. Refill radiator with enough coolant to insure all weather corrosion protection.