INSTALLATION INSTRUCTIONS:
66-77 Bronco Aluminum Radiators

PART# 3110, 3112

CONTENTS:
1 Aluminum Radiator
2 Lower radiator mounting brackets, with Polyurethane insulators
2 Upper radiator mounting brackets, with Polyurethane insulators
2 5/16” x 3/4” NC GR 5 bolts
2 5/16” NC Nyloc nuts

Please read all instructions before beginning.

1. Drain coolant from current radiator. Disconnect anything attached to the radiator such as a fan shroud, radiator hoses, transmission cooling lines, transmission auxiliary cooler or electric fan.

2. Remove upper radiator mounting brackets, the radiator and the lower mounting brackets.

3. Install new lower radiator mounting brackets by inserting the stud in each of the lower brackets into the corresponding hole in the stock mount. Secure each bracket with a 5/16” Nyloc nut.

4. Place the radiator into the mounts so that the square locating mounts on the radiator sit in the groove of each lower insulator bushing (the blue bushings inside the mounting brackets). Make sure that the inlet and outlets on the radiator face the engine and that the filler neck is positioned on the upper passenger side.

5. Place an upper radiator mounting bracket over the radiator so that the square locating mounts on the radiator are positioned in the groove in the insulator bushings. The tab with the nut on it should be positioned so that it aligns with the stock upper mounting bracket hole. Secure each of these positions with a 5/16” x 3/4” bolt.

6. Connect all hoses, fan shroud, cooling lines, etc. that were disconnected in step 1. Note that the transmission cooler ports are 1/4” NPT thread for optimum flow capacity. Depending on the size of your lines it may be necessary to get an adapter to mate the transmission lines to the radiator. If the vehicle is equipped with a manual transmission and these ports won’t be used, we highly suggest plugs be inserted in each port to keep the internal cooler clean.

7. Fill the radiator with a coolant/water mix. Run the engine until it is "warm" and the thermostat opens. Keep an eye on the coolant level and keep it full. Once it appears that the coolant level does not drop install the radiator cap. Hint: you may find it easier to get air out of your cooling system by slightly jacking up the front end. This will tilt the vehicle slightly, forcing the air to rise to the high spot (the radiator cap.) We recommend using a radiator cap that relieves pressure at 16 pounds. An overflow catch can (also called a surge tank) is highly recommended.

NOTE: Make sure there is at least 1” of clearance between the radiator and the engine fan or severe damage to the radiator could occur. For optimum performance a fan shroud is necessary.

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