

# JR WRIGHT'S AIR DAM SPOILER- Distributed by Applied GMC

I designed this spoiler to increase airflow through the radiator and help evacuate the heat from the engine compartment. It was originally designed in 2002 and field tested by Richard "Arch" Archer as he is known to fellow GMC'ers, over a 5000 mile trip out west in the summer heat. Arch found that the engine coolant temperature ran cooler and that his fan clutch did not engage as much as in previous trips, in the same temperatures. I never did get the prototype back and it is still installed on his coach today, which is now for sale.

The spoiler directs the air flow into the radiator and creates a negative pressure behind the spoiler that helps remove the hot air from the engine area. The one comment that I hear from everyone who has installed this unit on their coach is "This thing really works!"

## Installation Instructions

The Spoiler comes completely assembled, ready to mount on the lower radiator support cage and the bolts are provided with the spoiler.

The radiator itself usually sits back approx. 5/8" to 3/4" from the front edge. Measure the radiator cage and put a mark in the middle about 3/8" back from the front edge. From this center point measure 13" each way and put a mark as the middle mark. You should verify the center-to-center dimensions of the spoiler mounts.

"EXTREME CARE" must be taken when drilling the holes in the radiator cage! Drill size can be 9/32" or 5/16". I would suggest you put a piece of 1/4" plywood between the radiator and the area that you are drilling the hole.

Insert the supplied bolts from the top of the radiator cage so that the threaded end points down through the cage. Install all the washers and nuts before tightening up the assembly.

