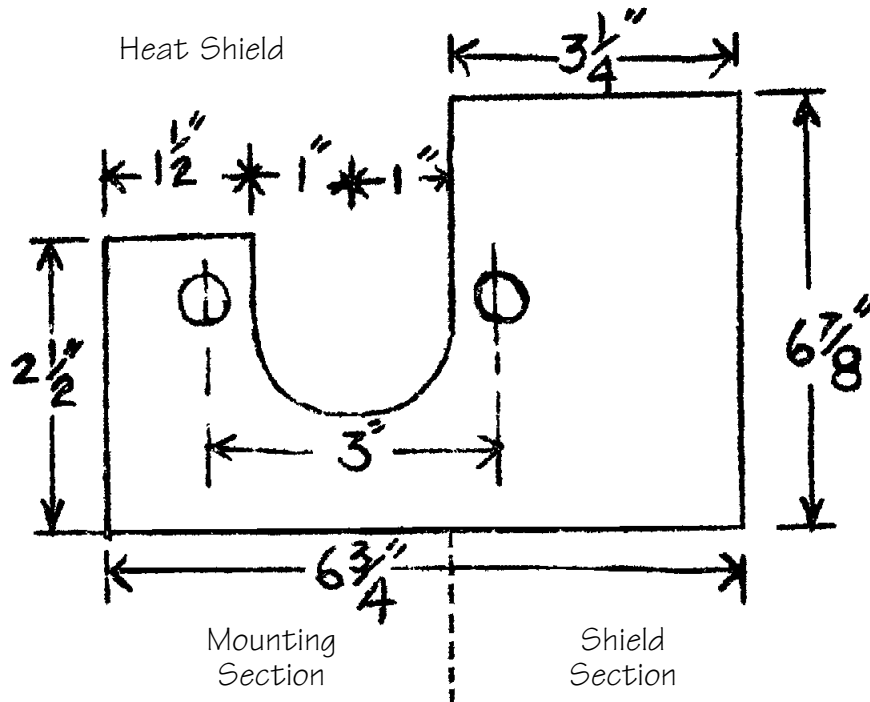




TClinic

HEAT SHIELD FOR CARBURETORS

by Bill Traill



MG has long placed intake and exhaust manifolds on the same side of the engine. This often times leads to fuel percolation which causes hard starting. Manifold heat boils fuel in the float bowls resulting in heavy vaporization and flooding.

The illustration depicts a heat shield of my own design to remedy the problem. I got the idea from my MGB-GT (the perfect two car balance) which has a full shield around it's carburetors.

I made the shield from $\frac{3}{64}$ " aluminum waffle sheet found in a metal scrap yard. Some day I will tell you how I made a TC transmission thrust washer using a coping saw, grinder and a hunk of bronze found in the same scrap yard; not to mention the services of a machine shop cutting the north-south oil grooves. A great man once said "Every piece of metal contains a TC part; all you have to do is chip away the excess to find it." OH YEA — the shield mounts on the manifold studs found beneath and to each side of the carbs. Try it

by Bill Traill of the Abingdon Rough Riders
First printed by TCMG in July 1973

2002 Update

You could go one step further and attach an insulating material on the shield. Attach by cutting tabs onto the shield when you make it or use small screws.