

# GREAT PLANES ADJUSTABLE MOUNT INSTRUCTIONS

## EM2048 Mount

The new Great Planes adjustable engine mount is simple and convenient to use. This mount will work on most .20 – .40 2-Cycles and .20 – .48 4-Cycles.

### INSTRUCTIONS:

Cut or break the "spreader bar" off each mount half. **Carefully** trim any extra plastic off each mount half left by the spreader bar. The surfaces where the spreader bars were attached need to be very smooth to allow the mount halves to fit together. Also trim the flashing off any other rough edges. Snap the two mount halves together as shown in the sketch below.

Determine where the mount should be installed on the firewall. It will usually be positioned either on the firewall centerline or slightly left of the firewall centerline to allow for right thrust. A template is included to make it easy to locate the mounting holes. Just cut out and position the template on the firewall and tape it in place. Poke a T-pin through the template to accurately mark the bolt locations on the firewall. Drill a 1/8" diameter hole at the four pin holes and install the mount using 4-40 bolts, #4 flat washers and 4-40 blind nuts (not included). The length of the bolts will be determined by the thickness of the firewall. A 1/4" firewall will usually require 7/8" long bolts. Do not tighten the bolts all the way yet.

Slide the mount halves apart until the engine mounting lugs will sit flat on the beams. Adjust the mount until the firewall centerline (or offset line) is centered between the "tick" marks on the mount. Tighten the 4-40 bolts to hold the mount halves in position. Determine how far forward the engine should be positioned on the beams and mark where to drill the mounting holes. Remove the engine and drill a 3/32" hole at each mark. Put a drop of oil in each hole and install the engine using the #4 x 5/8" screws provided. If you prefer to use 4-40 machine screws (not included) to install your engine, just tap the holes you drilled with a 4-40 tap. You may trim the front of the mounting beams off flush with the front of the engine mounting lugs if necessary, due to space limitations. If your plane has a tightly enclosed engine compartment, you may also need to carve the cowl (nose) blocks slightly to get them to fit.

### Template

