



finecast  
south eastern

### FINECAST DS10 MOTOR MOUNT Assembly instructions

Preparation: Remove the etched mount from the fret, working on a firm, flat surface to avoid distortion.

Check the fit of the motor-boss and fixing screws through the holes in the mounting, easing if needed. Check also that the top-hat bushes are a good tight fit in their locating holes in the side-cheeks of the mount.

Assembly: Bend the mount to shape, with fold-lines to the inside. To give extra strength, run a fillet of solder or Araldite down the insides of the bends. Fit the top-hat bushes.

Fit the motor to the mount, sliding the front bearing boss into the locating hole, and retaining with the two 1.2mm screws provided with the motor.

Mount the worm-gear by sliding into place, with at least one thrust washer between the gear and the motor. The worm is ideally retained with Loctite to ensure concentricity, and the grub-screw discarded.

The worm-wheel can now be offered-up, and the prepared axle with flat to receive grub-screw entered through. The grub-screw is tightened down into the flat, the backed off by a quarter-turn. Packing washers may be needed to keep the worm-wheel central beneath the worm.

Lubricate all bearings and the gears, test by hand and then under power. It is recommended that the complete assembly be run gently for about half an hour, 15 minutes in each direction.