

# REPLACING AN END PLUG ON A 5CM ADJUSTABLE HANDLE

Materials Needed	Procedure Overview
<ul style="list-style-type: none"> <li>• Loctite 409</li> <li>• Sandpaper</li> <li>• Pliers</li> <li>• Replacement end plug</li> <li>• Heat gun</li> </ul>	<ul style="list-style-type: none"> <li>• Remove end plug</li> <li>• Prepare parts for glue</li> <li>• Apply glue to inside of handle</li> <li>• Install new end plug and grip</li> </ul>

## Procedure

1. If the end plug is still in the handle, heat the first 1"-2" of the handle end to warm the end plug and loosen the glue. See photo A.
2. Use pliers to grip and rotate the end plug to release it. See photo B. Scuff the new end plug and the inside of the handle with light sandpaper.
3. Apply Loctite 409 adhesive to the inside of the handle around edge. See photo C. Do not use too much glue. A 1/16" bead of material is sufficient to secure the end plug. **Note:** Excess glue inside the handle can dry and crumble causing a rattle in the oar.
4. Insert the new end plug into the handle end. See photo D. **Note:** If the handle has a raised, single alignment key molded into it, ensure that the single key on the end plug is aligned with it.
5. Slide the grip over handle until it stops. See photo E. The adjusting screw will touch the end plug. (Note: Do not turn the adjusting screw yet. Simply slide the grip on.) This will center the end plug. If the handle DOES NOT have a raised alignment key molded into it, rotate the grip so the locking clamp and screw is facing as shown at right relative to the oar blade.
6. Leave the oar in this position and allow the glue to cure for 24 hours. After the glue has cured, adjust the grip to desired length using the adjusting screw.

