Instructions for Using the Mounting Stabilizer Device

1. The model bases are trimmed and scored. Upper model is mounted to articulator via facebow transfer. Then, reference lower model to upper with bite registration.

2. Open incisal pin on upper articulator member to estimated bite thickness. Loosen nylon thumb screw [C] on the large block [D], and slide the block opening [F] over the incisal pin.

3. Loosen the thumb screw [B] to allow small block [E] to pivot on the large block [D]. Adjust both blocks and stabilizer blade [A] to align with the center of base on lower model. Once aligned, tighten the thumb screw [B].

4. Remove the stabilizer device from the incisal pin. Bend the stabilizer blade [A] to gently press against base of lower model. Coat both sides of the stabilizer blade [A] with a thin layer of vaseline. Reattach the stabilizer device to the incisal pin and tighten the nylon thumb screw [C].
Mounting Stabilizer

5. Secure the lower model to mounting plate on lower articulator member with mounting stone or plaster. Allow mounting material to completely set.

6. Loosen the mounting plate on lower articulator member as well as nylon screw [C] of the mounting stabilizer. Remove lower articulator member.

7. Remove model from bite registration and slide the mounting stabilizer off the incisal pin.

8. Pull the blade out straight to remove. **DO NOT** pull the blade out side-to-side, as this motion may break model from stone/plaster mounting.

**Important:**

- The mounting stabilizer should be used with the least amount of pressure to secure the model.
- Models must be flat and scored to increase the bond to the mounting material.
- Carve off model bubbles and irregularities to properly fit into bite registration.
- Only a thin coating of vaseline is needed on both sides of the stabilizer blade for easy removal.
- Remove the blade after the mounting material sets. **NOTE:** If left longer than 1 hour, the blade may be permanently locked in place.
- A low expansion mounting material is recommended. Great Lakes recommends Mounting Stone (215-009), (215-010); or Mounting Plaster (215-015).