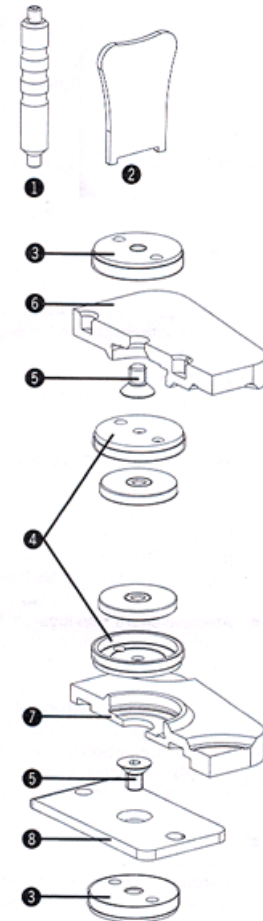


## SPLITEX MAGNETIC PLATE INSTALLATION & CALLIBRATION

Not for use with the Artex Classic Series

### YOU WILL NEED:

- Magnet Removal tool
- Assembly Tool
- Mounting Plate
- Magnet Pot
- Mounting Screws
- Base Plate – Maxilla
- Adjustment Plate – Mandible
- Adhesive Plate (note beveled edge)
- Petroleum jelly
- Loctite 330® adhesive with activator
- +10mm Spacer Plate\*



NOTE:\* If calibrating with a “Classic Artex” 110 mm key, attach a “Spacer Plate, +10 mm”, (46011, not pictured) to the upper Splitex Plate now (magnet to magnet.)

### THE STEPS FOR CALIBRATING:

**STEP 1:** Set the articulator to average-value settings\*

(standard working conditions).

\* 30-35° condylar inclination \* 10-15° Bennett angle \* Anterior guidance pin at 0

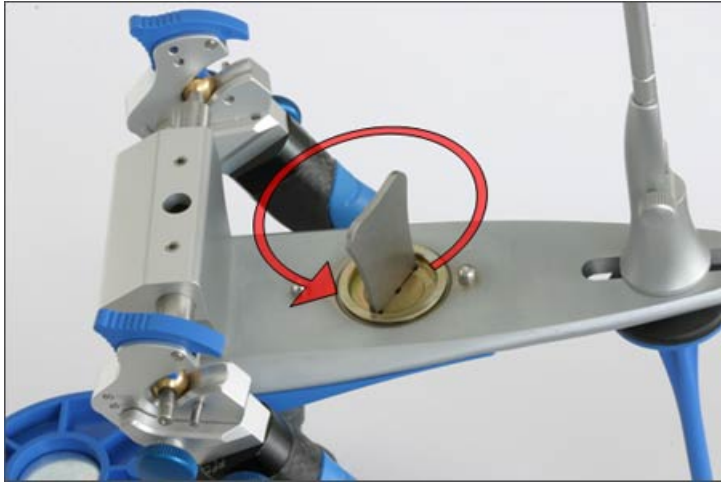
**STEP 2:** Remove blue model plates from upper and lower arms



**STEP 3:** Remove upper magnet with magnet removal tool



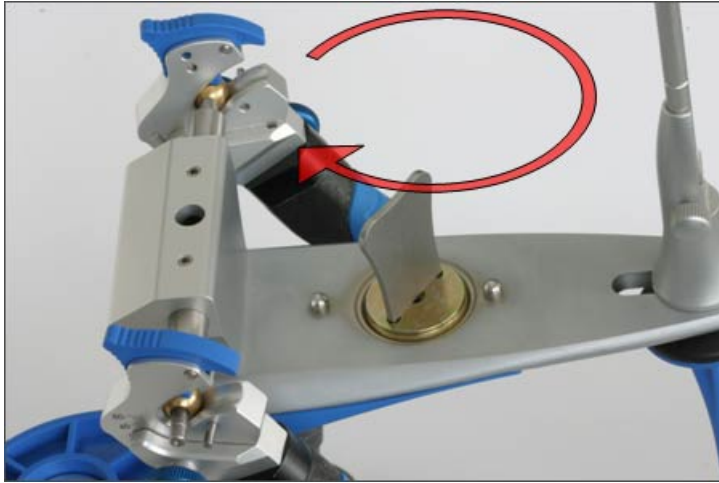
**STEP 4:** Loosen and unscrew magnet pot with assembly tool



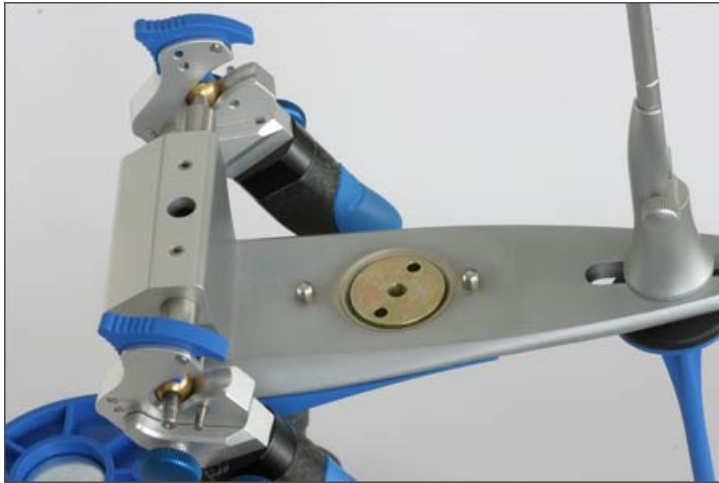
**STEP 5:** Magnet pot removed



**STEP 6:** Screw in the mounting plate all the way, using the assembly tool



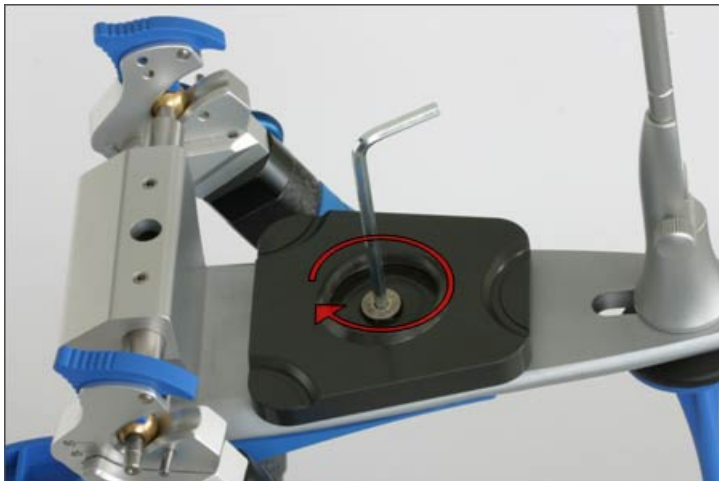
**STEP 7:** Mounting plate inserted



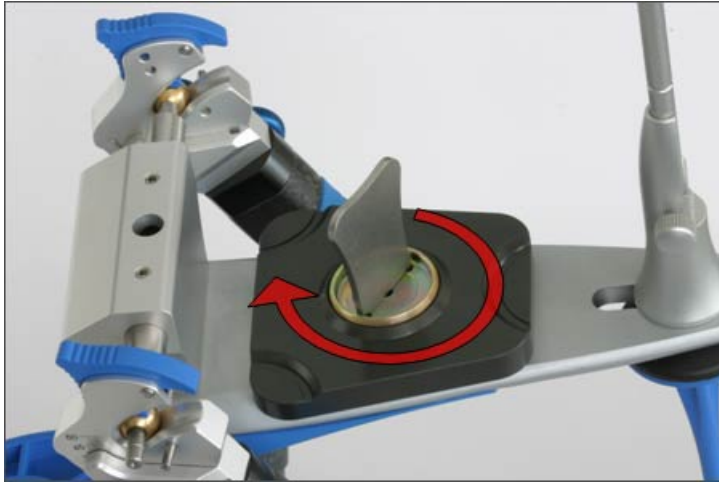
**STEP 8:** Unscrew the magnet pot from upper magnetic calibration plate. Place that upper plate onto the upper arm of the articulator



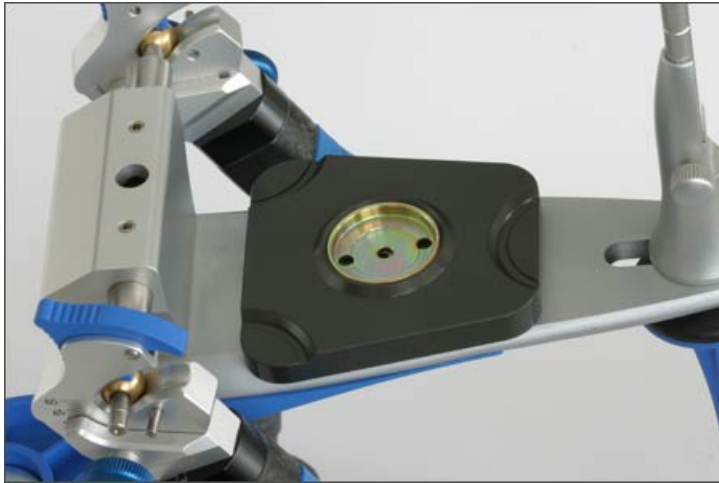
**STEP 9:** Attach upper magnetic calibration plate to the upper arm of the articulator using the socket-head screw



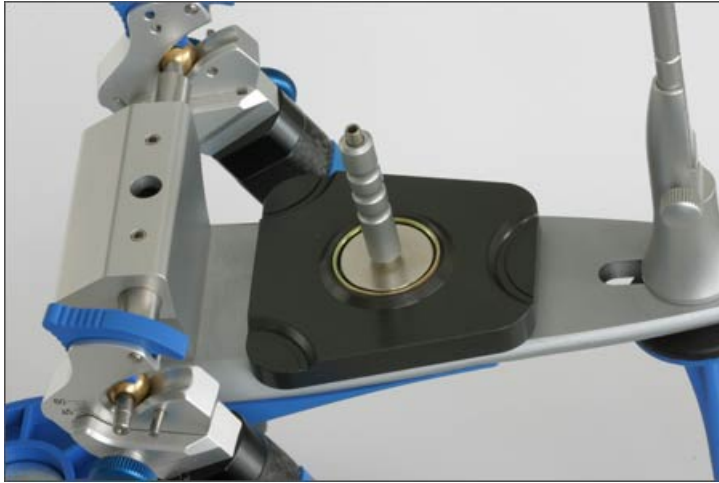
**STEP 10:** Screw in the magnet pot to the upper magnetic calibration plate



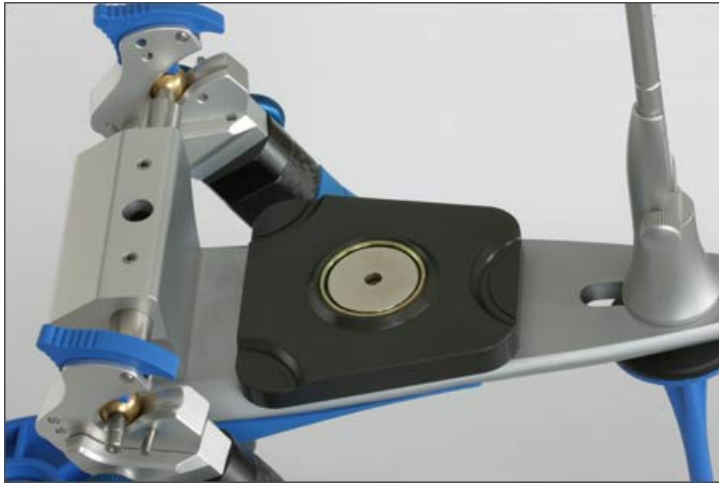
**STEP 11:** Magnet pot inserted.



**STEP 12:** Replace the magnet.



**STEP 13:** Magnet replaced



**STEP 14:** Remove lower magnet



**STEP 15:** Loosen and unscrew magnet pot with assembly key

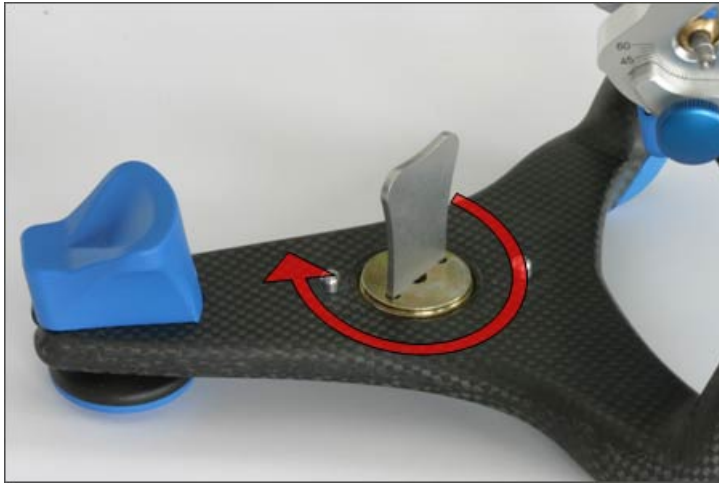


**STEP 16:** Magnet pot removed





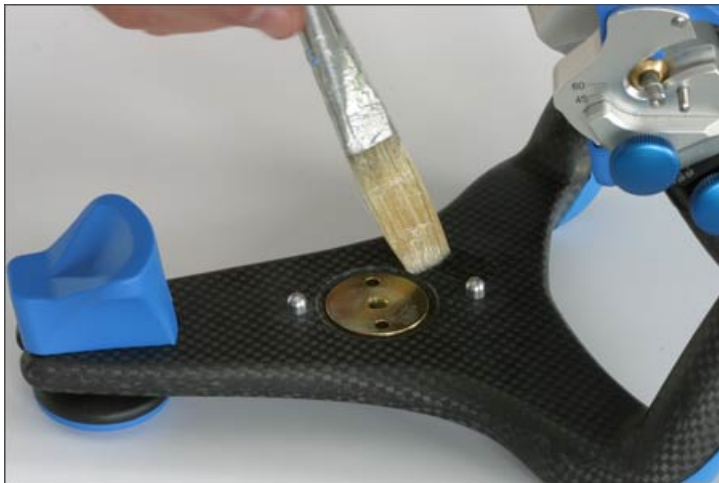
**STEP 17:** Screw mounting plate all the way in, using assembly tool



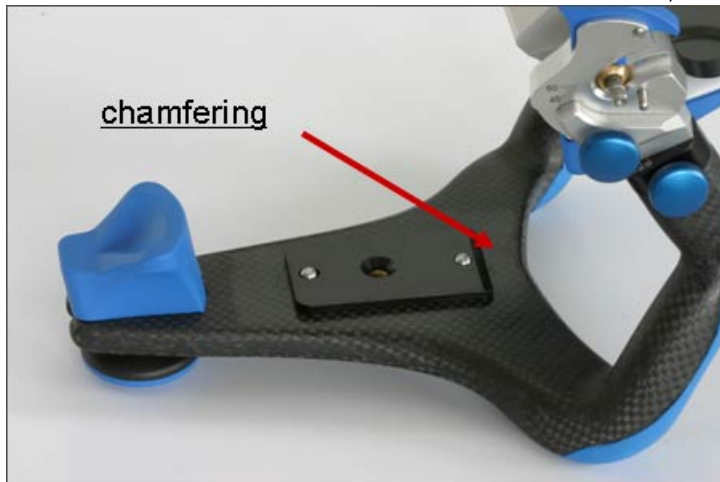
**STEP 18:** Mounting plate inserted



**STEP 19:** Isolate the Carbon surface in the area of the adhesive plate with a thin layer of petroleum jelly



**STEP 20:** Set in the adhesive plate, with chamfering to the rear (Important for later removal!)



**STEP 21:** Attach the adhesive plate with socket-head screw



**STEP 22:** Turn articulator upside down. Open the centric locks. Note: if calibrating to Classic artex, now place the 10 mm spacer plate on the magnetic calibration plate. (For use on UPPER ARM only. Do not place spacer on lower arm)



**STEP 23:** Place Splitex Key (C6010) on the upper magnetic calibration plate (or when calibrating to classic Artex, use key 46010, and place it on the 10 mm spacer plate)



**STEP 24:** TOP to TOP



**STEP 25:** Place the lower magnetic calibration plate (with the magnet) on the key.



**STEP 26:** Clean the adhesive plate, and the lower (milled) side of the lower magnetic calibration plate till grease-free



**STEP 27:** Spray the activator on the adhesive plate



**STEP 28:** Put on two rows of adhesive of glue to the left and right of the drilled areas, not into the drilled areas!



**STEP 29:** Close the articulator



**STEP 30:** Close the centric locks



**STEP 31:** Press the articulator front for approximately 5 seconds gently against the incisal pin. Let the adhesive set for 10 minutes or until completely set. Do not move the articulator in the meantime!



**STEPS FOR RECALIBRATING:**

**STEP 1:** Remove the magnet





**STEP 2:** Unscrew the magnet pot



**STEP 3:** Unscrew the socket-head screw

Place a plaster knife between the chamfering of the glue plate and the splitex magnetic calibration plate and tilt it to separate!

**INSTRUCTIONS FOR APPLICATION OF LOCTITE® 330:**

1. Clean the adhesive plate and bottom (milling holes) of the mandibular plate to be sure it is free of grease.



2. Use Loctite adhesive to glue the mandibular plate to the adhesive plate. Spray activator onto the bottom Splitex plate for the mandible. Apply two parallel lines of adhesive centered between the edges and the center milling holes of the adhesive plate. Immediately close the articulator and slightly press on the anterior pin for 5 seconds until the adhesive has completely adapted on both sides. Let set for 10 minutes. The calibration procedure is finished when the adhesive has completely set.

Mounting Unit Exception: The one-piece lower Splitex plate for the Mounting Unit (C6020) is designed to attach solely by gluing, not with a screw.

Important Notes: For cleaning and care of Splitex plates, use only cleaning agents that are suitable for light metals, following the manufacturer's instructions. Do not clean Splitex plates in an ultrasonic bath, as the anodized coating may be damaged. Do not use cleaning agents with a pH of <5 or >8 since these might damage the anodized surfaces.

Since heat will irreversibly reduce the power of the magnets, do not steam-clean or boil the magnets.