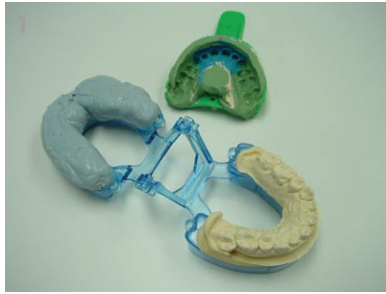
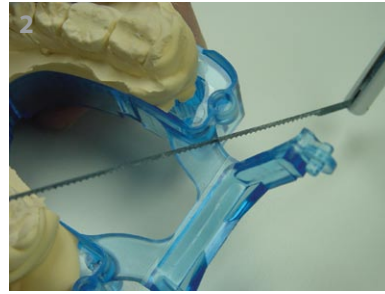


1. Prepare the working model



(Create the working model)
Create the working model by attaching the impression to the opposing tray with dental putty as was previously taught in section B (Single Side Impression Technique). You can use either a single side impression or a triple tray impression.



(Remove the hinge - method 1)
Separate the opposing & working trays for easy access and then remove the hinge by sawing as seen in the picture above.



(Remove the hinge - method 2)
You can also use pliers to cut off the hinge portion.

2. Articulation

**Method 1:
Using magnet**



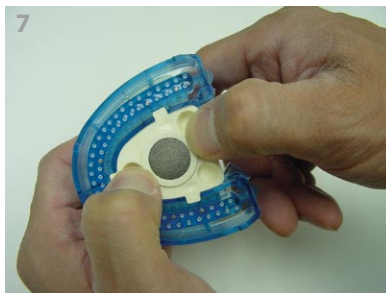
(Finish the working model)
Remove the working model from the tray. Trim and section the model as taught in previous pages.



(Insert the magnet)
Push the magnet all the way down into the hole on the [magnet housing plate](#).



(Glue for the magnet housing)
Place a drop of glue in each of the 3 slots located on the bottom of the working tray.



(Mount the magnet housing plate)
Insert the 3 notches of the magnet housing plate into the 3 slots of the working tray. Push the magnet housing plate firmly into place so that all the notches of the plate are all the way down into the slots of the articulator tray. This will ensure that the plate sits evenly.



(Insert the metal piece)
Push the metal piece into the [metal housing plate](#) from the bottom of the plate.



(The magnetic connection is complete)
The tray is now magnetically attachable to the metal housing plate. The bottom of the metal housing plate receives the plaster so that the system can be mounted to the semi-adjustable articulator.



(The completed model)



(The system is convenient & secure)
The magnet tray base has plenty of retention while allowing for easy removal by simply pulling it away from the articulator.



(Metal articulators)
The magnetic tray base is also connectable to metal articulators by simply mounting the metal housing plate directly to the articulator with plaster.

D. Mounting the Artimax Base on Semi-adjustable / Metal Articulator

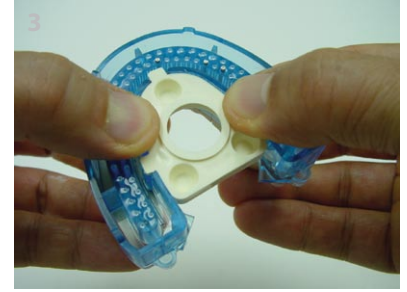
**Method 2:
Not using the
Artimax magnet**



(Magnetic based articulator)
Many articulators provide the option of coming equipped with a magnetic plate. The Artimax Tray Base is fully compatible with this setup. You may choose to use the Artimax magnet system (as taught in Method 1) or simply use the tray and magnet housing plate only (as taught on this page).



(Glue for the magnet housing)
Place a drop of glue in each of the 3 slots located on the bottom of the working tray.



(Mount the magnet housing plate)
Insert the 3 notches of the magnet housing plate into the 3 slots of the working tray. Push the magnet housing plate firmly into place so that all the notches of the plate are all the way down into the slots of the articulator tray.



(Apply tape to the magnet housing)
Cover the magnet hole by applying tape to the top of the magnet housing plate (as shown) so that it completely covers the hole into which the magnet would normally be inserted. Covering the top prevents debris from entering the hole



(Apply utility wax)
Use a few strips of utility wax to completely cover the pinhole area on the bottom of the tray. This wax will allow the dies to be easily removed and replaced onto the tray after mounting is complete.



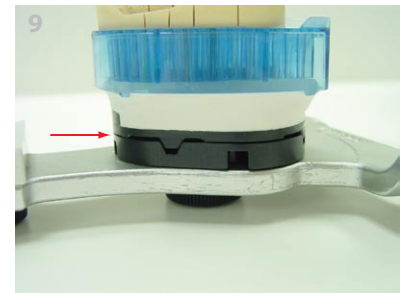
(Ready for plaster)
With the magnet housing, tape, and utility wax in place, the model is ready to be for the plaster.



(Plaster the model)
Apply plaster to the bottom of the model. The bottom of the magnet tray is open and will allow some excess stone to flow in for added retention. The tape on the top of the magnet housing plate prevents stone from flowing up into the lingual area of the model.



(The model is now secure)



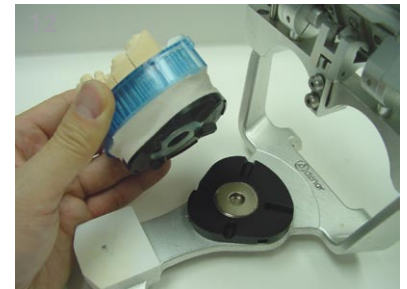
(Magnetic connection point)
The magnetic connection point of the model is between the magnet plate and the plastic plate.



(Lingual are view)
The lingual area of the model is free from plaster and debris because of the scotch tape. At this point the scotch tape can be removed.



(The system is convenient & secure)
The tray base can be conveniently removed from the articulator.



(Completed case)