
The Hanau™ Modular Articulator System 192

Fixed 11 cm width and Programmed Condylar Guidances

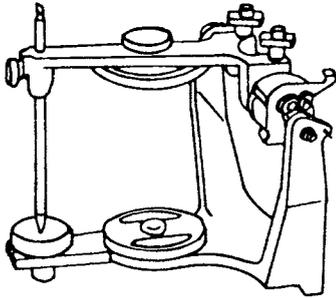


Illustrated Instruction Manual

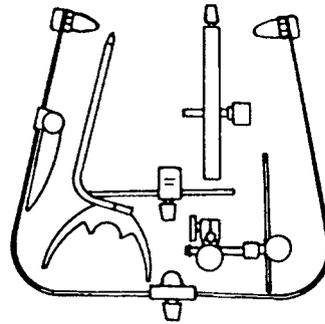
A Study Case for Occlusal Analysis

This instruction manual presents a study case for occlusal analysis using the HANAU™ Modular Articulator.

The HANAU™ Spring-Bow is used in this text to record and transfer the patient's condyle/maxillary arch relation to the Modular Articulator.

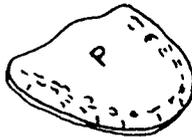
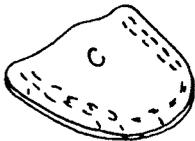


Hanau™ Modular Articulator

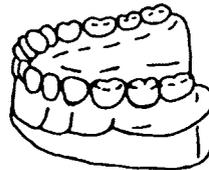


Hanau™ Spring-Bow facebow

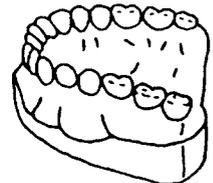
Two interocclusal relation records are required. One centric relation and one straight protrusive (approximately 6 mm protrusion). Casts of the maxillary and mandibular arch are required. Their occluding surfaces must be dry and free of nodules. The casts must seat snugly in the cusp imprints of the interocclusal records.



Centric and Protrusive
Interocclusal relation
records.



Lower Cast

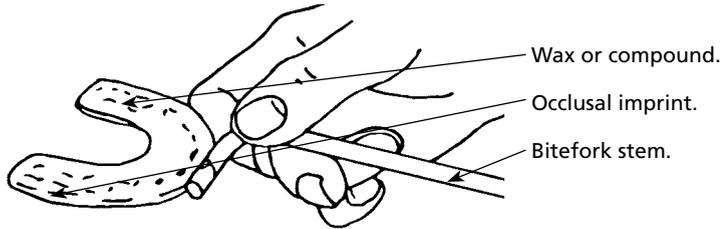


Upper Cast

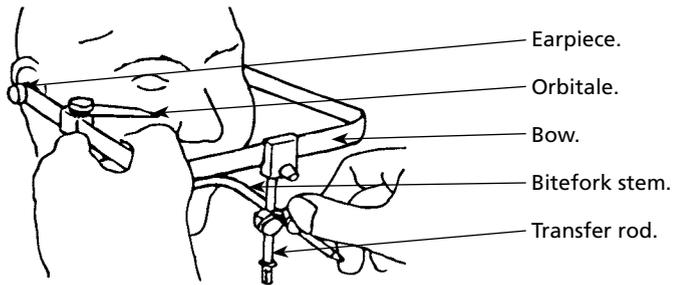
Stone casts of the mandibular and
maxillary arch.

Illustrated Procedure

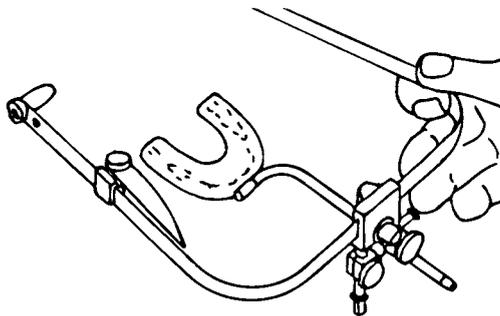
- 1** Cover bitefork for maxillary occlusal imprint.



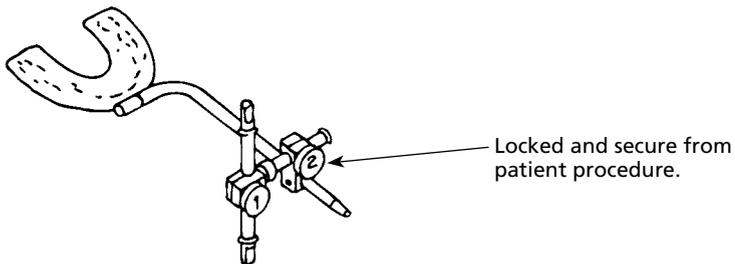
- 2** Spring-bow application.



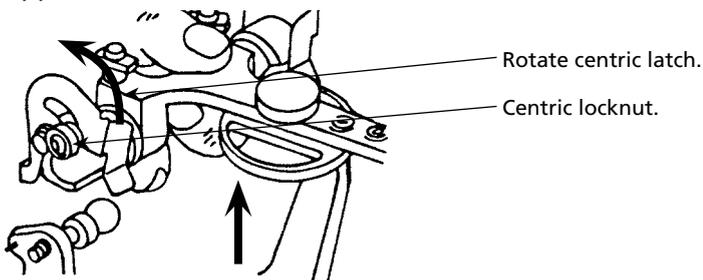
- 3** Remove the Spring-bow from the patient.



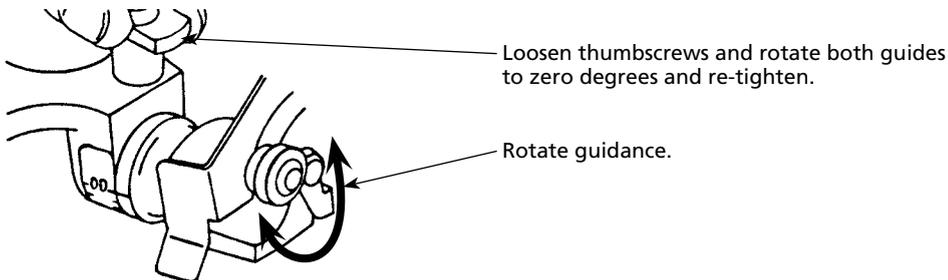
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- 4** Separate transfer rod/bitefork index assembly from bow and send to the lab.



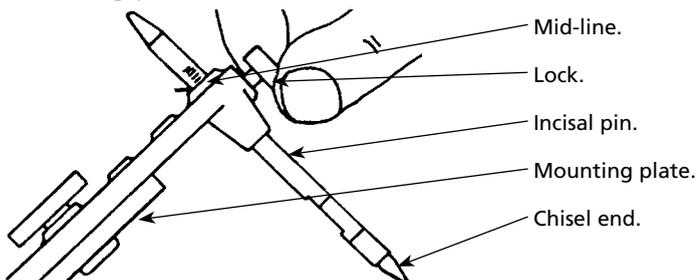
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- 5** Release centric locknuts and disengage both centric latches, removing upper member.



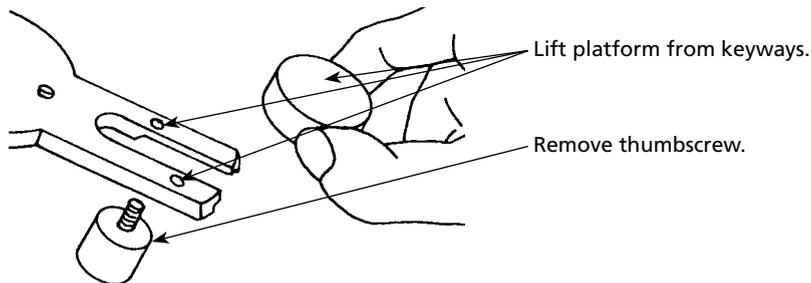
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- 6** Set both condylar inclinations at zero degrees.



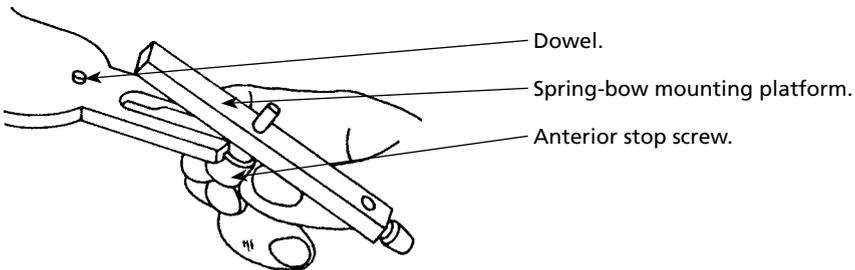
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- 7** Set incisal pin at mid-line chisel end down as shown and attach a mounting plate.



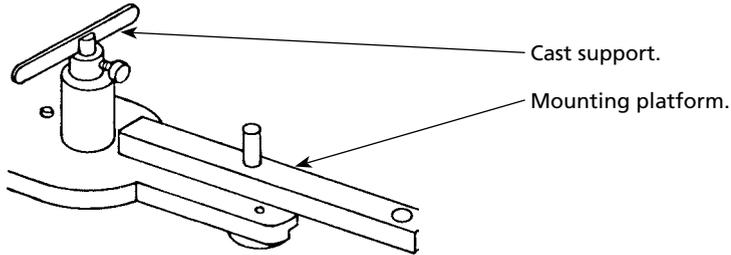
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- 8** Remove flat plastic anterior platform.



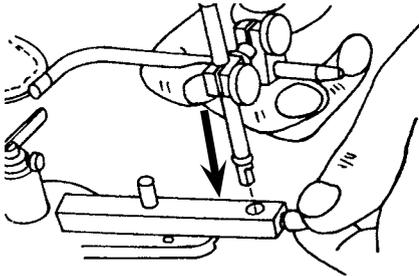
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- 9** Attach Spring-bow mounting platform.



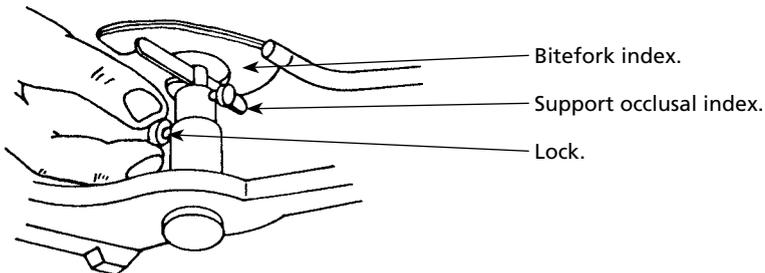
10 Attach accessory cast support.



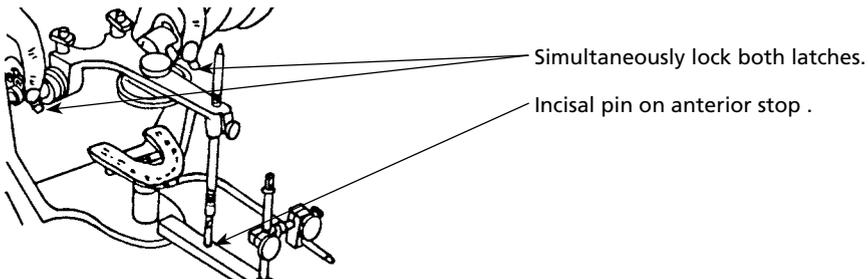
11 Insert transfer rod into mounting socket.



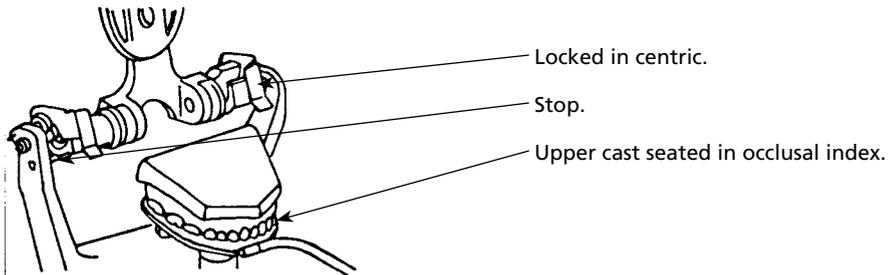
12 Additional weight of stone cast is supported by cast support.



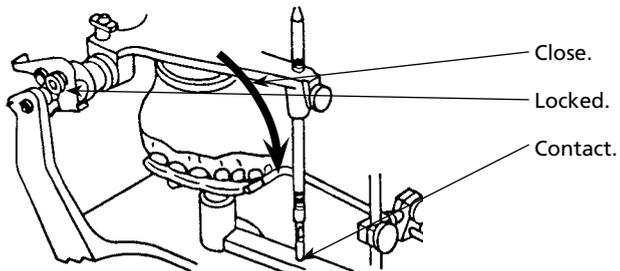
13 Replace upper member and lock in centric.



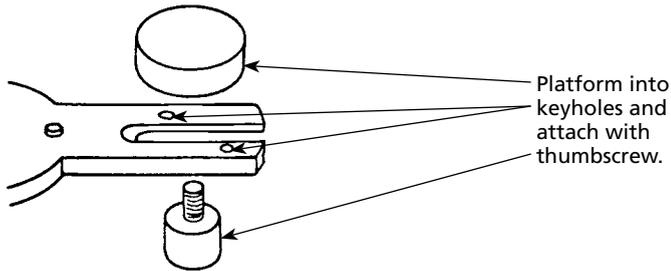
14 Swing upper member open to the stop. Seat and lute upper cast in occlusal index.



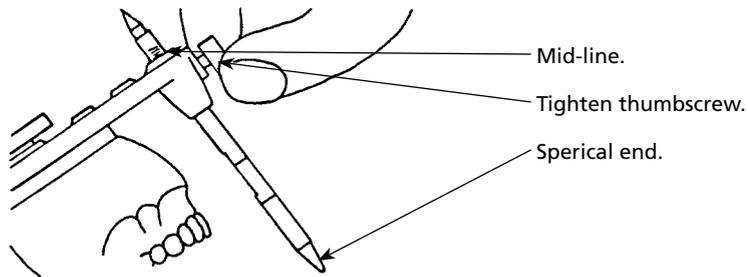
15 Close upper to push cast and mounting plate into stone.



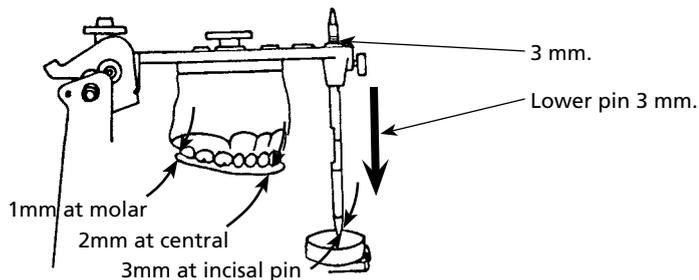
16 Remove mounting platform. Replace with flat plastic anterior platform.



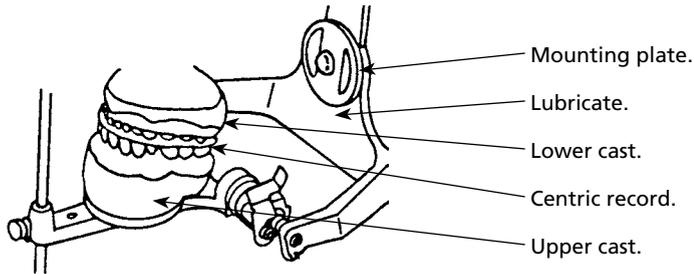
17 Invert incisal pin, spherical end down. Set at mid-line.



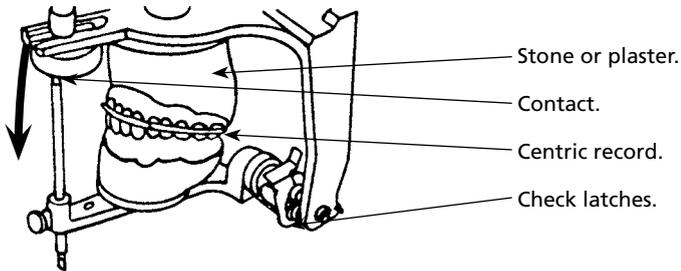
18 Centric record compensation = thickness at third molar x 3.



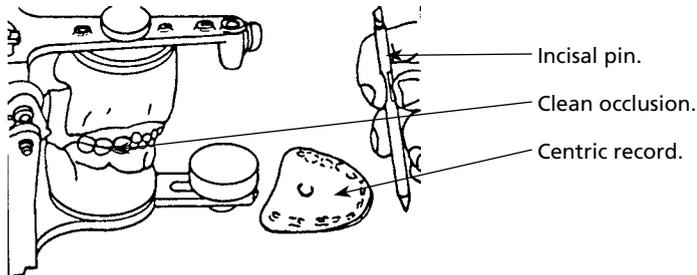
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- 19** Turn articulator over, attach a mounting plate and position the upper/ lower casts in centric.



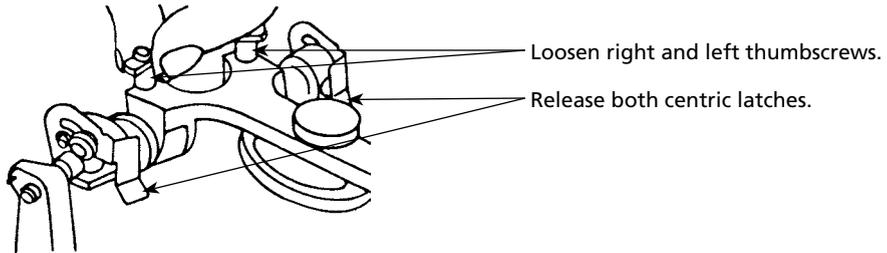
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- 20** Use stone or plaster to mount the lower cast at this centric relation.



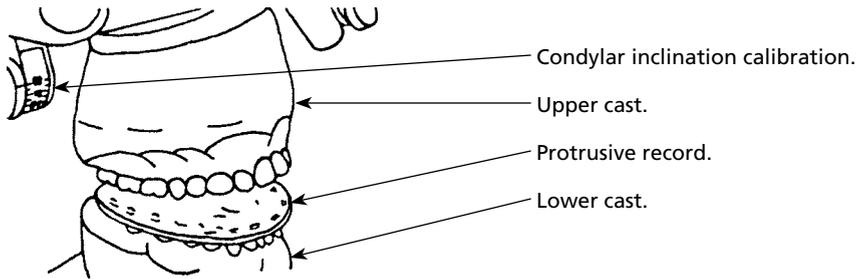
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- 21** Turn the articulator over, remove the luting and centric relation record.



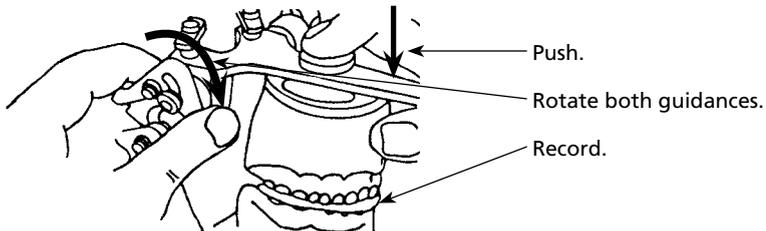
22 Loosen condylar guidance latches and right and left thumbscrews.



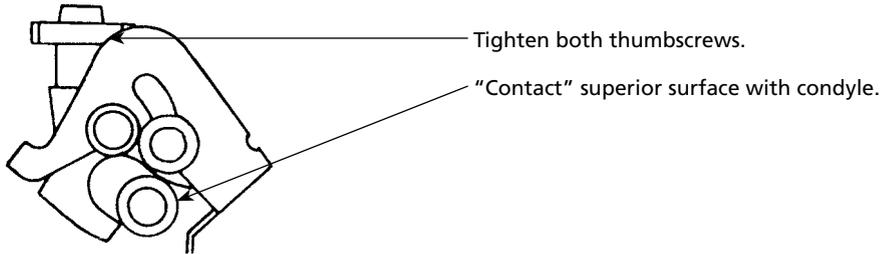
23 Place the protrusive relation record between the upper and lower casts.



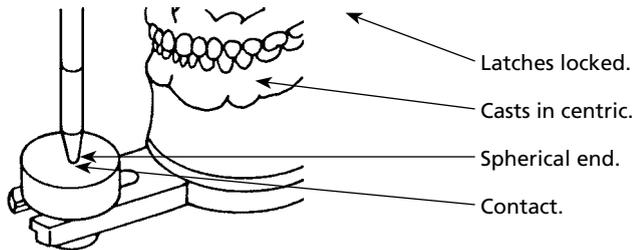
24 Hold cast in record. Rotate both guidances until contact is made between superior surface and condylar element.



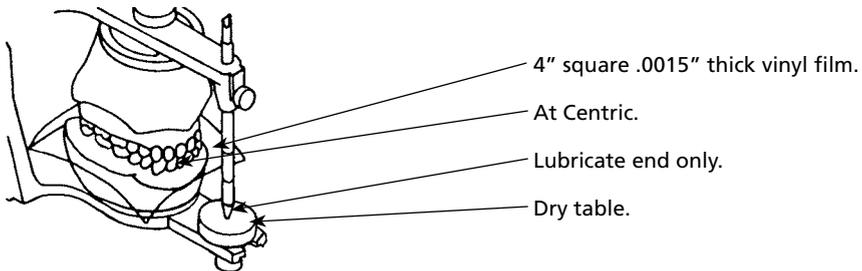
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- 25** In protrusive record the right and left guidance has been rotated to contact the superior surface with the condyle. Lock thumbscrews.



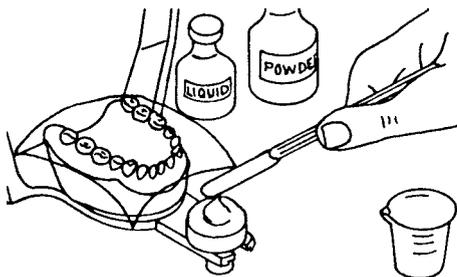
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- 26** Remove protrusive record. Replace incisal pin and lock in centric.



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- 27** Lubricate spherical end only. Anterior table dry and vinyl film between casts.

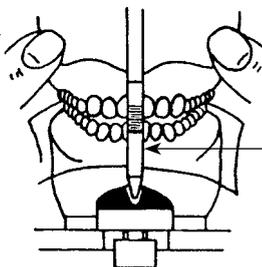


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- 28** Mix accessory pantacrylic per separate instruction and spatulate onto dry platform.



Acrylic
2 ml &
6 gm

-
- 29** Close into centric and gently guide upper into straight protrusion. Return to centric.

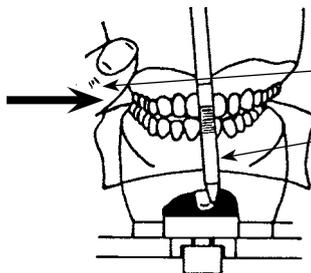


Release centric latches.

Guide with thumbs.

Do not grasp incisal pin.

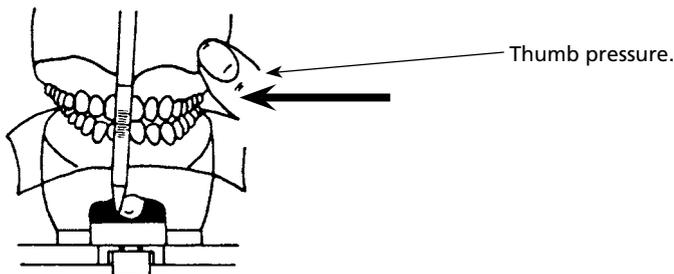
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- 30** Place the left lateral relation record between the upper and lower cast.



Thumb pressure.

Do not grasp incisal pin.

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- 31** Guide into left lateral and return to centric. Repeat all movements until acrylic has set, approximately 5 minutes.



This completes the articulator adjustment. Record all of the settings for future reference—horizontal condylar inclination, programmed Condylar Guidance (example 1.0-19C) and the articulator serial number.

Articulator Care and Maintenance

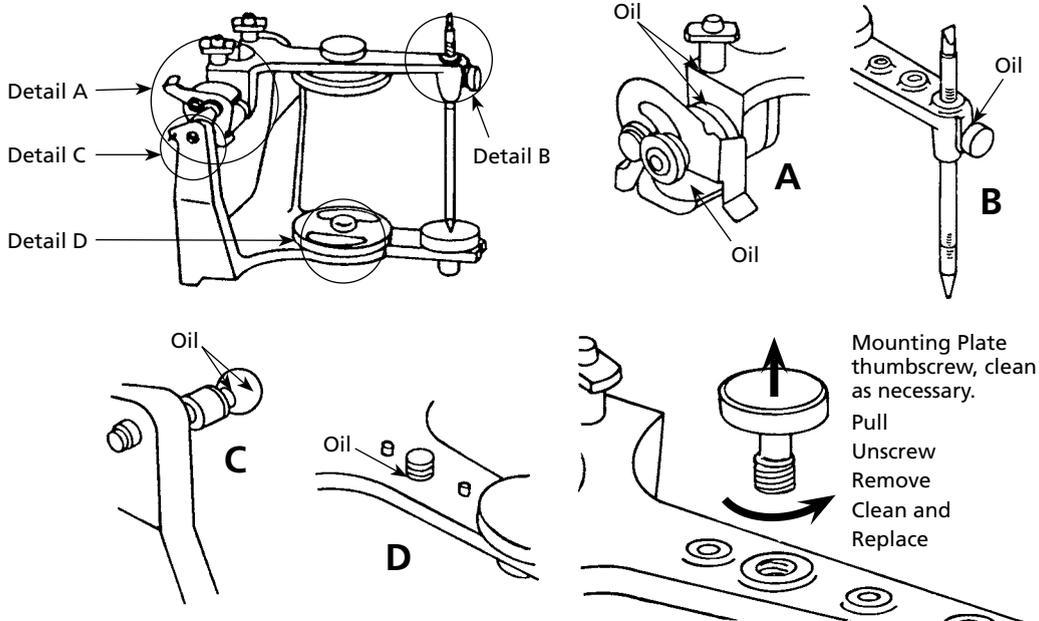
Your Whip Mix articulator is a precision instrument and requires care and maintenance. Periodic cleaning and lubricating as described below will assure prolonged life and dependable service from the instrument. Failure to follow these instructions will void your warranty.

CLEANING

Use a mild soap and water solution with the aid of a brush to dissolve accumulations of wax and to wash away carborundum grit. Then air dry and lubricate. **DO NOT** use strong detergents, alkalies, gasoline or naphtha as cleaning agents!

LUBRICATION

Lubricate the working and bearing components with a **thin film** of sewing machine or high speed handpiece type oil. Wipe off excess oil to prevent accumulations of dust or grit. A thin coating of petroleum jelly must be applied to all articulator surfaces that will be contacted by the gypsum mounting material.



STORAGE

Store the articulator in a clean, dry atmosphere free of plaster and carborundum dust; away from acids, alkalies or corrosive medicaments. Wait a full day after mounting casts before storing the articulator in a carrying case or corrugated carton. Moisture dissipation from the stone in an enclosed area causes alkalinity of the stone mixture which can damage the articulator surface.

WARRANTY

Whip Mix Corporation warrants the articulator system to be free from defects in material and/or workmanship for a period of one year. In the event of a defect, please notify the factory in writing of the defect prior to returning the instrument. Whip Mix Corporation will, at its option, either repair, replace or issue credit for such defects.

Because Whip Mix Corporation is continually advancing the design of its products and manufacturing methods, it reserves the right to improve, modify or discontinue products at any time, or to change specifications or prices without notice and without incurring obligations.



RESTORATIVE ORAL HEALTH

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