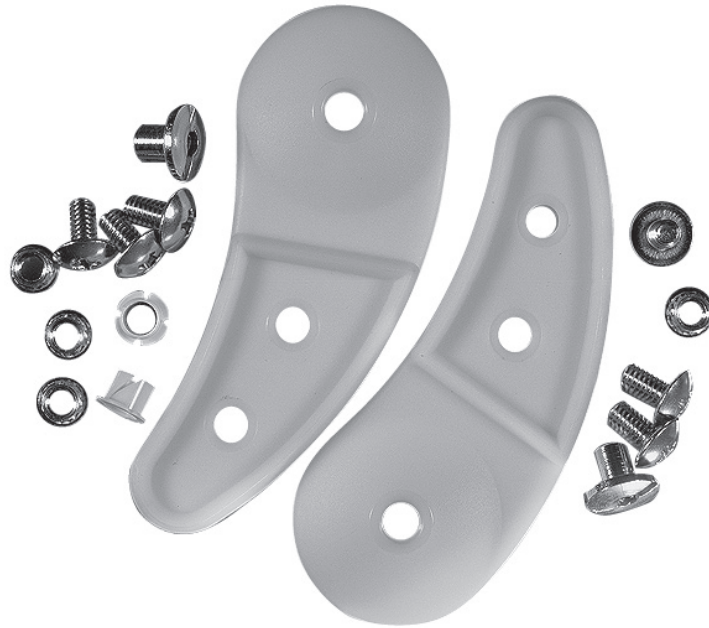


MODEL 760/765

OKLAHOMA ANKLE JOINT (OAJ)



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FABRICATION INSTRUCTIONS FOR THE OKLAHOMA ANKLE JOINT (OAJ)

Please follow these guidelines:

1. Modify cast as usual.
2. Heat OAJ with a heat gun, or set in oven at 350°F for 45 seconds. Note the nylon joint will take longer to heat than the polypropylene.
3. Once heated, gently mold OAJ to proximal end of cast.
4. Hold in place until cool.
5. Once shaped, apply plaster to the underside of the joints. Force into place over malleoli and smooth the edges.
6. Joints should be aligned parallel to each other. However, they may be aligned square or to approximate tibial torsion in the coronal plane.
7. Once the joints are in place, pull two nylons over the cast and vacuum form the AFO.
8. Once the AFO has cooled and before removing it from the cast, drill the joint center articulating hole using a 1/4" drill bit.
9. Drill the proximal attachment holes in the AFO calf section as follows: For pediatric and small joints, use a #7 drill bit.
For medium, large, and x-large joints, use a 15/64" drill bit.
10. Cut the AFO and remove from cast in one piece.
11. Pop out OAJ.
12. Cut AFO just above the proximal edge of the raised disc, which acts as the articulating surface of the joint.
13. Trim and buff AFO.
14. Apply hardware for proximal attachment holes as follows using Figure 1 as a guide.
 - a. Press fit brass insert (P/N 761-2 for pediatric and small joints, P/N 761-4 for med., lg., and xlg. joints) through OAJ and into calf section of AFO.
 - b. Coat Screw (P/N 761-1 for pediatric and small joints, P/N 761-3 for med., lg., and xl joints) with Loctite® and assemble through brass insert from outer side of AFO.

15. Apply hardware for center articulating hole as follows using Figure 1 as a guide:
 - a. Press stainless steel bushing (P/N 761-5) into nylon bushing (P/N 761-6).
 - b. Press nylon bushing through OAJ from underside of joint and through AFO foot section.
 - c. Coat screw (P/N 761-3) with Locktite® and assemble through bushings from outer side of AFO.
16. Apply padding to OAJ as desired: Foam Padding (P/N 761-7P, 761-7S, 761-7M, 761-7L, 761-7XL) is self-adhesive. Pelite Padding (P/N 761-8P, 761-8S, 761-8M, 761-8L, 761-8XL) must be affixed with an appropriate adhesive if utilized.

** Note: Brass insert may be heat set also, using very gentle heat. Do not twist insert once set. Make sure insert is seated squarely.*

Fig. 1

