

The 24-Inch Cutting Kit modifies the MK-101 Series Tile Saws allowing the saw to cut tile up to 24 inches.

NOTE: If problems arise during the installation of the 24-Inch Cutting Kit, contact the MK Diamond Service Center – (800) 474-5594

CONTENTS:

one (1) 24-inch frame, one (1) replacement shaft, one (1) shaft extension, one (1) adjustment knob extension, two (2) retaining thumbscrews, two (2) carriage bolts, two (2) flat washers, two (2) wing nuts.



24 Inch Frame



Replacement Shaft



Shaft Extension



Adjustment Knob Extension



Retaining Thumbscrew



Carriage Bolts



Flat Washers



Wing Nuts

Tools Needed:

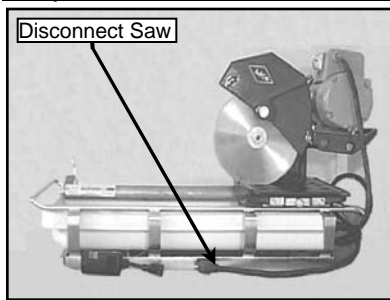


Blade Wrench or 9/16-inch Wrench

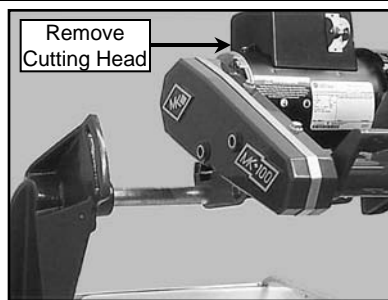


3/8-Inch Allen Wrench

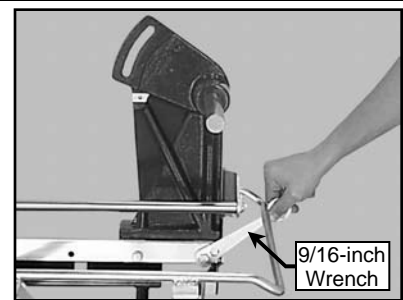
Preparation:



(A)
Remove Tile Saw from Power Source



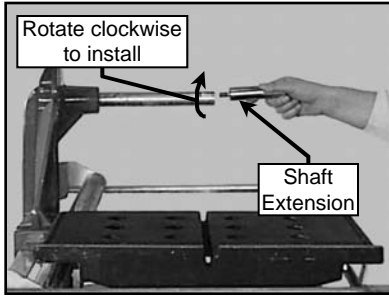
(B)
Remove the Cutting Head (See Tile Saw Owner's Manual)



(C)
Adjust Cutting Head Post for maximum cutting length (See Tile Saw Owner's Manual)

Cutting Head With Threaded Pivot Shaft:

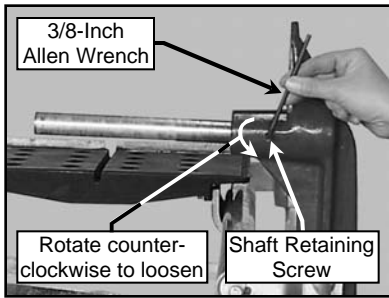
NOTE: Found on older models



(A)

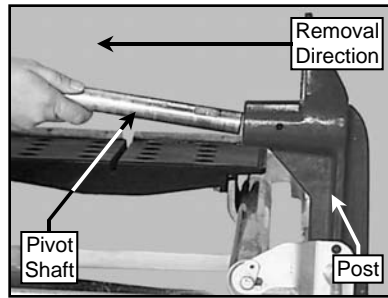
Install the Shaft Extension into the threaded end of the Cutting Head Pivot Shaft

Cutting Head Without Threaded Pivot Shaft:



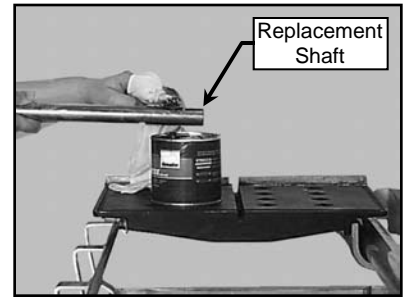
(A)

Loosen the Cutting Head Pivot Shaft retaining screw



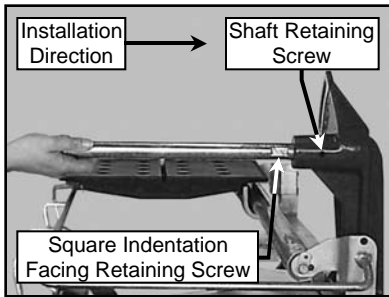
(B)

Remove the Cutting Head Pivot Shaft from the Post



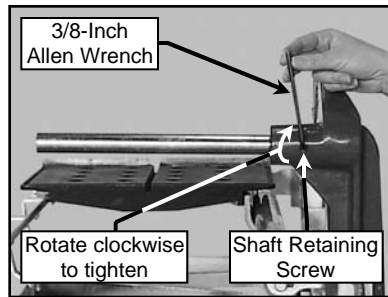
(C)

Grease the square indentation end of the Replacement Shaft



(D)

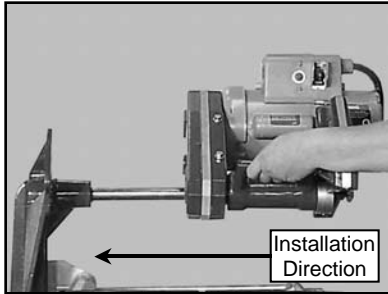
Install the square indentation end of the Replacement Shaft into the Post



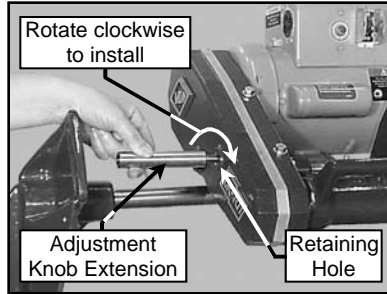
(E)

Tighten the Cutting Head Pivot Shaft retaining screw

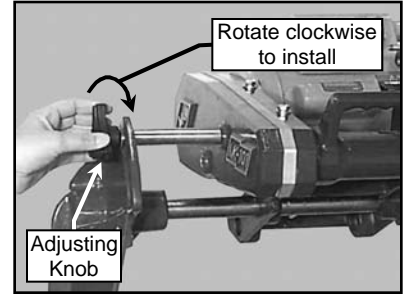
Cutting Head Installation:



(A)
Install the front pivot hole of the Cutting Head onto the Replacement Shaft

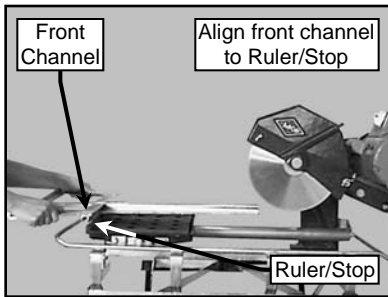


(B)
Thread the Adjustment Knob Extension into the front adjustment knob retaining hole

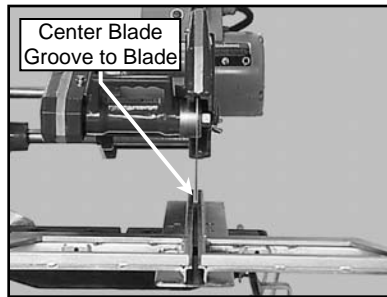


(C)
Install the Cutting Head Adjustment Knob

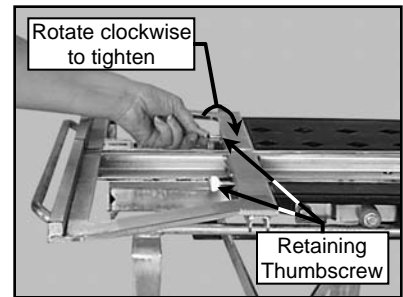
24-Inch Frame Installation:



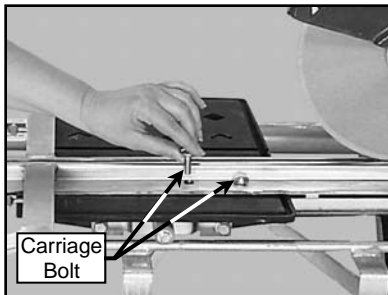
(A)
Place the 24-Inch Frame onto the Movable Cutting Table



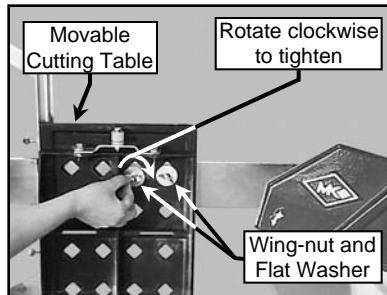
(B)
Align the 24-Inch Frame blade groove to the Diamond Blade



(C)
Install and tighten the two Retaining Thumbscrews



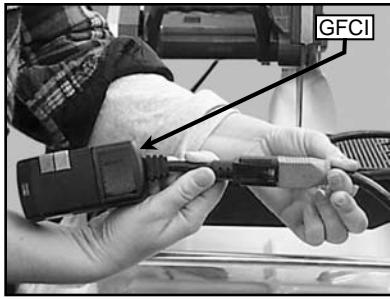
(D)
Install the two carriage bolts through the holes in the 24-Inch Frame and Movable Cutting Table



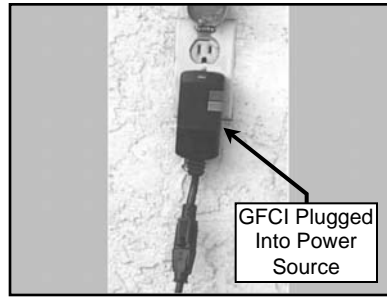
(E)
Raise the Movable Cutting Table, install the flat washers and wing nuts onto the carriage bolts, tighten to hold the 24-Inch Frame in place

Placing And Cutting The Tile:

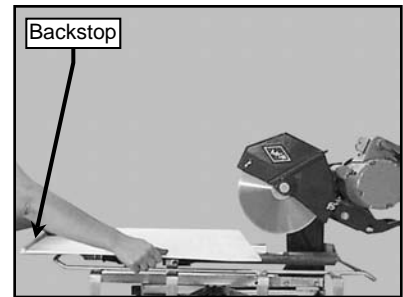
⚠CAUTION Follow all directions for setup, adjustment and operation found in the Tile Saw Owner's Manual before beginning the cutting operation.



(A)
Plug MK-101 into the GFCI



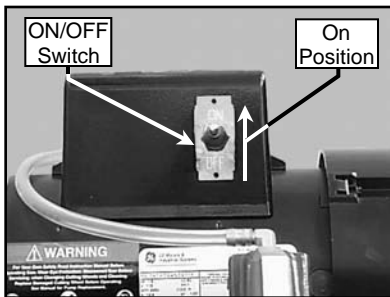
(B)
Plug the GFCI into the Power source



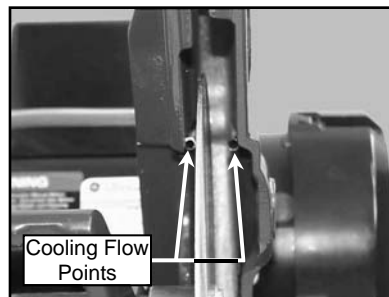
(C)
Place the tile onto the 24-Inch Frame against the backstop and adjust the tile for the cut

⚠CAUTION Use care when cutting so as not to damage the Ruler/Stop.

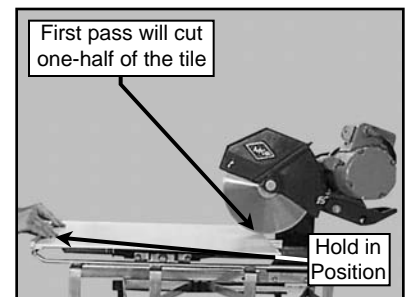
NOTE: The first cut requires the Cutting Head to be placed on top of the tile and a Step Cut to be performed. A Step Cut is performed by a series of small cuts of increasing depth.



(D)
Turn the motor ON

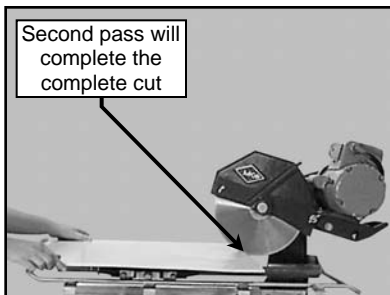


(E)
Verify proper cooling flow on both sides of the blade

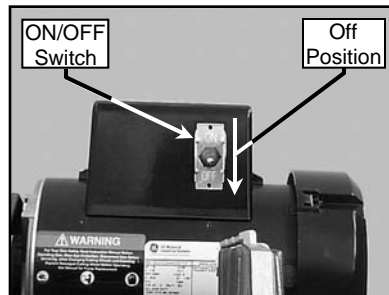


(F)
Position the piece to be cut onto the 24-inch Cutting Kit Frame and perform the initial cut

NOTE:



(G)
Rotate the tile 180° on the 24-inch Cutting Kit Frame to complete the cut



(H)
Turn the motor OFF when work is complete