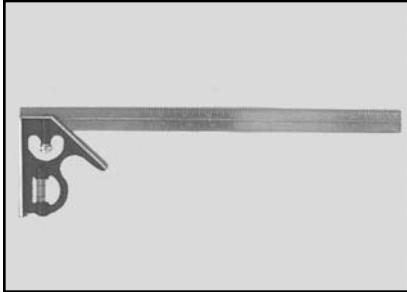


MK-101 TYPE BLADE ALIGNMENT PROCEDURE

The Movable Cutting Table of the MK-101 may become misaligned with the Cutting Head of the Tile Saw over time. Should misalignment occur, perform the following steps to realign the Tile Saw.

NOTE: If alignment problems are the result of a warped blade, a bent frame or bent support arm, or, if alignment is off by more than 1/8-inch, contact the MK Diamond Service Center – (800) 474-5594

Tools Needed:

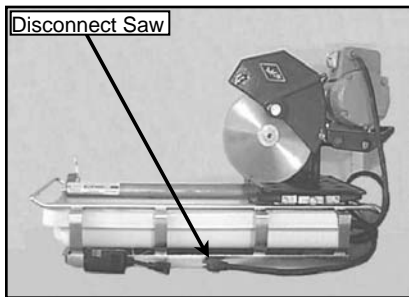


Combination Square (Square)
12-inch or Greater

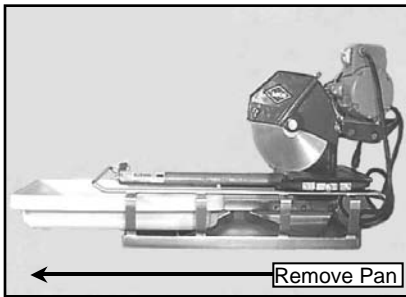


1/2-inch Wrench or
MK Triple Hole Box Wrench
and MK Open End Wrench

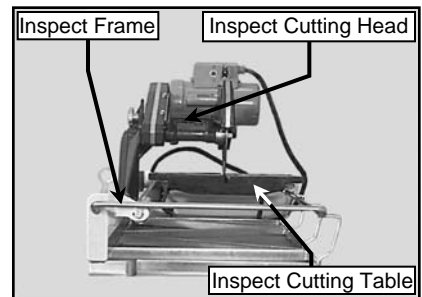
Preparation:



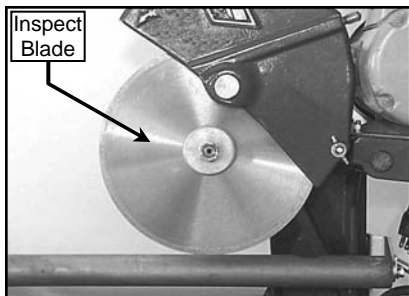
(A)
Remove Tile Saw
from Power Source



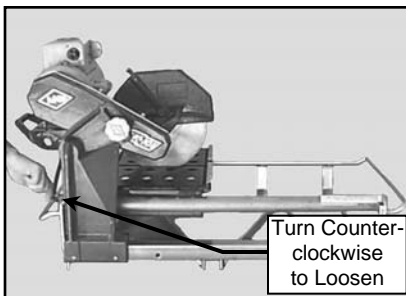
(B)
Remove Water Pan



(C)
Inspect Tile Saw
for damage



(D)
Inspect Diamond Blade
for damage

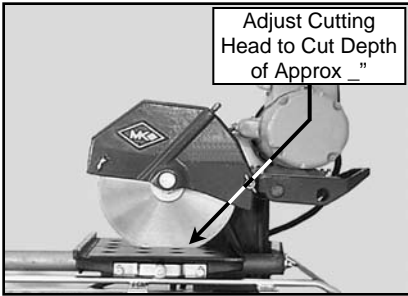


(E)
Loosen front and rear
Guide Bar Retaining Bolts

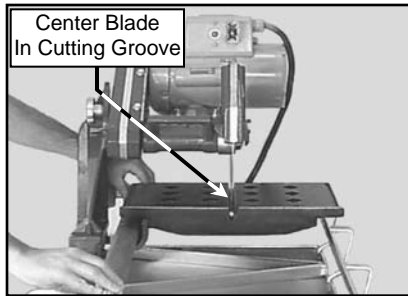
MK-101 TYPE BLADE ALIGNMENT PROCEDURE

Horizontal Rough Alignment:

The Horizontal alignment will ensure that straight cuts (or Rip Cuts) are made.

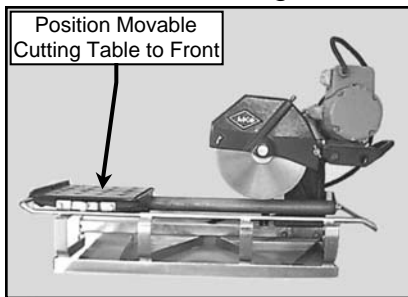


(A)
Position Cutting Head to normal Cut Depth

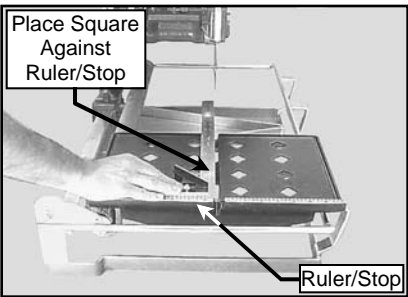


(B)
Move Guide Bar until Blade is centered in Cutting Groove

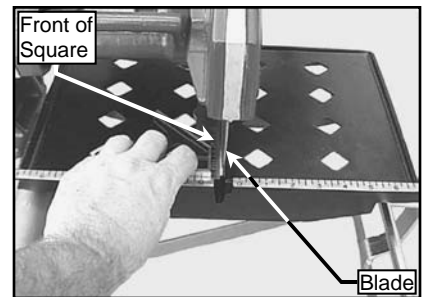
Horizontal Final Alignment:



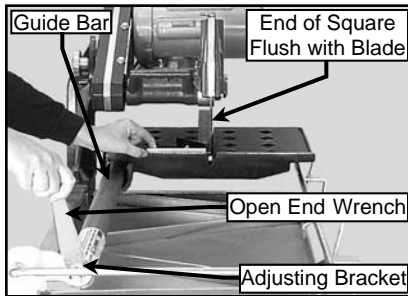
(A)
Pull Movable Cutting Table to front of Tile Saw



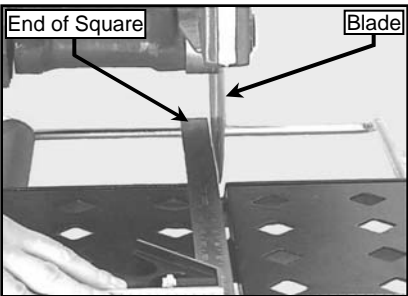
(B)
Position Square flat on Movable Cutting Table against Ruler/Stop



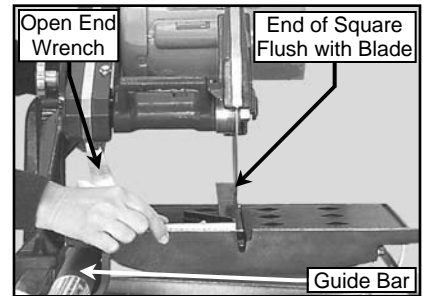
(C)
Position front of Square against Blade



(D)
Move Guide Bar using Adjusting Bracket until Square rests evenly across Blade

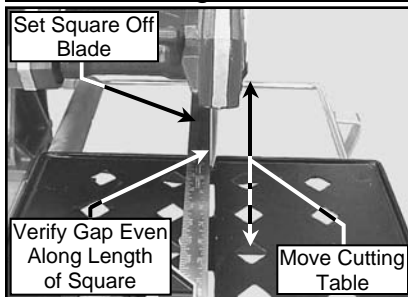


(E)
Position end of Square against Blade

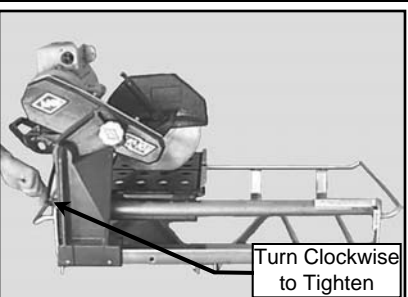


(F)
Move Guide Bar using Adjusting Bracket until Square rests evenly across Blade

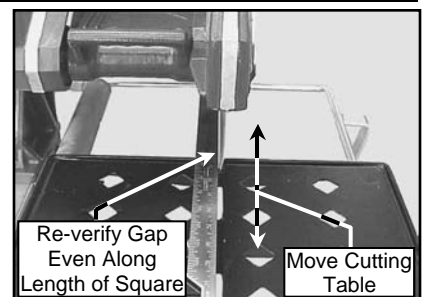
Horizontal Alignment Verification:



(A)
Move the Cutting Table back and forth to verify Blade is even across all points of Square



(B)
Tighten Guide Bar Retaining Bolts



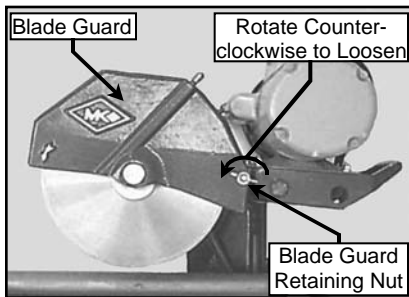
(C)
Move the Cutting Table back and forth to re-verify Blade is even across all points of Square

MK-101 TYPE BLADE ALIGNMENT PROCEDURE

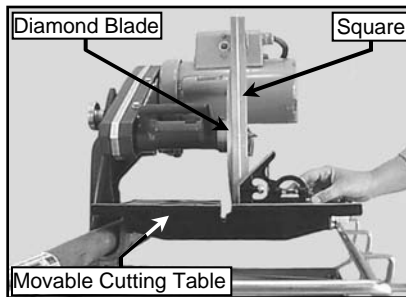
90° Alignment Verification:

90°-alignment verification ensures the blade cuts tile straight up and down and not at an angle.

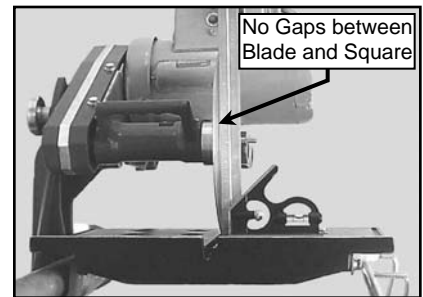
NOTES: If the blade is misaligned following 90°-alignment verification, return the saw to MK Diamond for repair. The Diamond Blade must be removed and reinstalled when removing the Blade Guard.



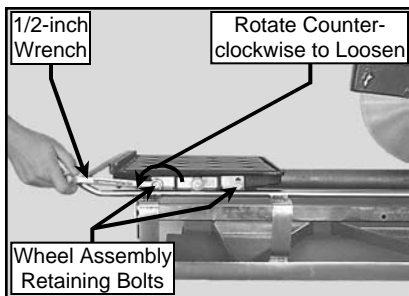
(A)
Remove Blade Guard



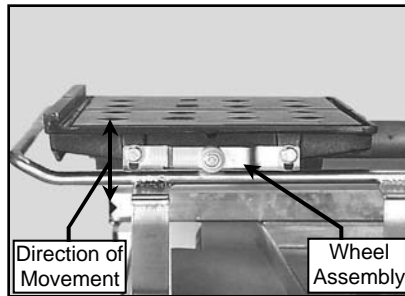
(B)
Position Square on Movable
Cutting Table against
the Diamond Blade



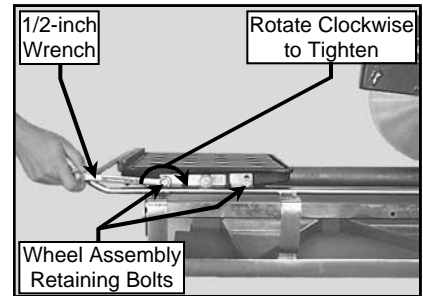
(C)
Verify the Diamond
Blade is Square to the
Movable Cutting Table



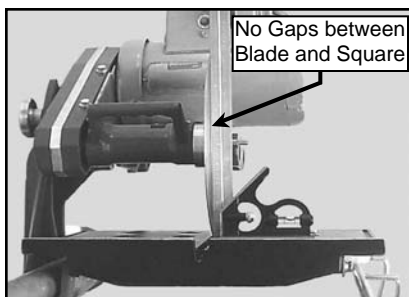
(D)
If not Square, loosen Movable
Cutting Table Wheel Assembly
to adjust



(E)
Move Wheel Assembly
up or down to Square the
Movable Cutting Table



(F)
After Squaring, Tighten Movable
Cutting Table Wheel Assembly



(G)
Re-verify the Diamond Blade
is Square to the Movable
Cutting Table