## 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

(E)

Loosen front and rear Guide Bar Retaining Bolts

## 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

(D)

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

(B)

Position Square flat on Movable Cutting Table against Ruler/Stop

(E)

Position end of Square against Blade

(C)

Position front 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

$90^{\circ}$-alignment verification ensures the blade cuts tile straight up and down and not at an angle.
NOTES: If the blade is misaligned following $90^{\circ}$-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

(D)

If not Square, Ioosen Movable Cutting Table Wheel Assembly to adjust

(G)

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

(B)

Position Square on Movable Cutting Table against the Diamond Blade

(E)

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

(C)

Verify the Diamond Blade is Square to the Movable Cutting Table

(F)

After Squaring, Tighten Movable Cutting Table Wheel Assembly

