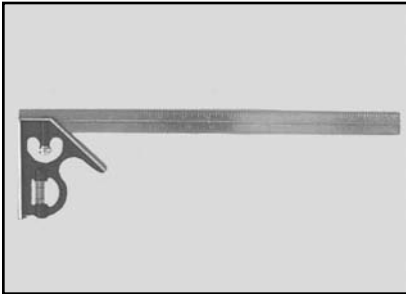


MK-1080 BLADE ALIGNMENT PROCEDURE

The Movable Cutting Table of the MK-1080 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:

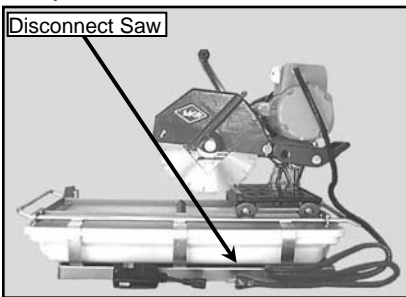


Combination Square (Square)
12-inch or Greater

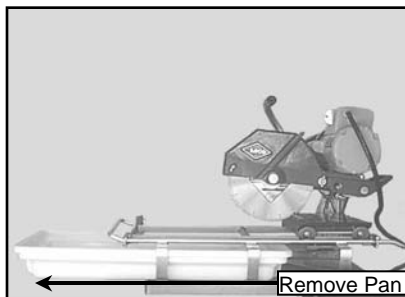


1/4-inch Wrench
or
MK Dual Hole Box Wrench

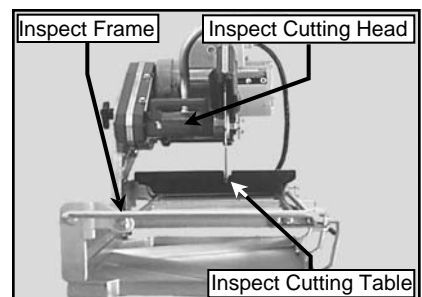
Preparation:



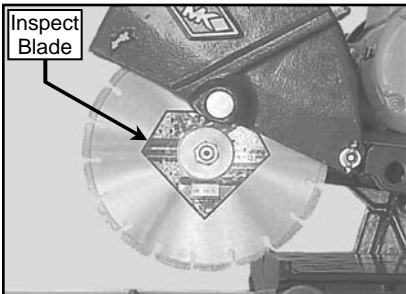
(A)
Remove Tile Saw
from Power Source



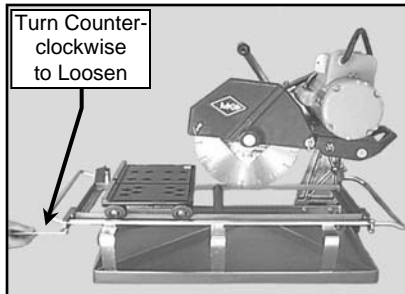
(B)
Remove Water Pan



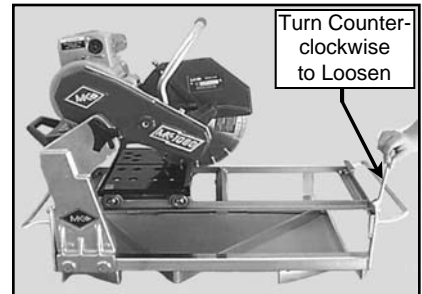
(C)
Inspect Tile Saw
for damage



(D)
Inspect Diamond Blade
for damage



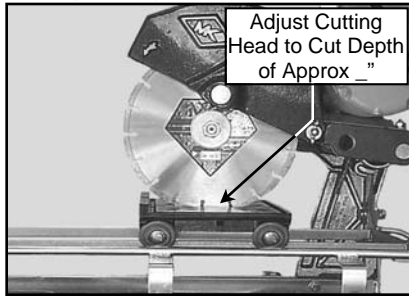
(E)
Loosen front and rear
Adjustable Frame
Retaining Clamp Bolts



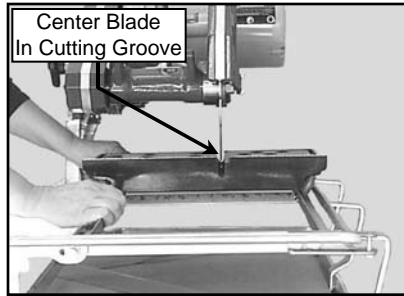
(F)
Loosen front and rear
Adjustable Frame
Adjusting Bolts

MK-1080 BLADE ALIGNMENT PROCEDURE

Rough Alignment:

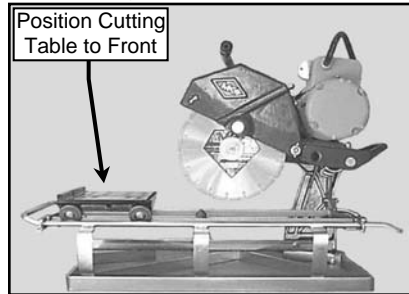


(A)
Position Cutting Head to normal Cut Depth

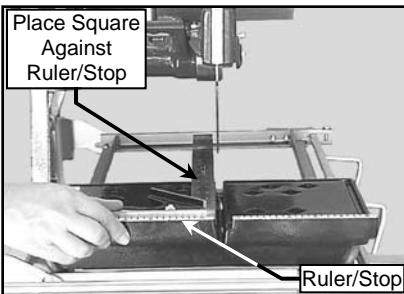


(B)
Move Adjustable Frame until Blade is centered in Cutting Groove

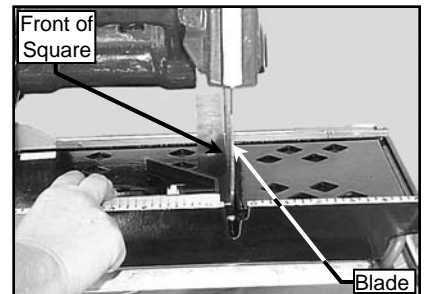
Final Alignment:



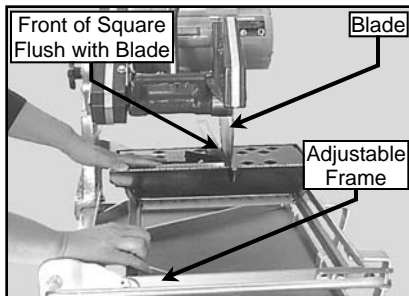
(A)
Pull Movable Cutting Table to front of Tile Saw



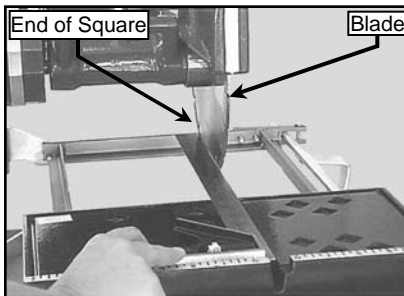
(B)
Position Square flat on Movable Cutting Table against Ruler/Stop



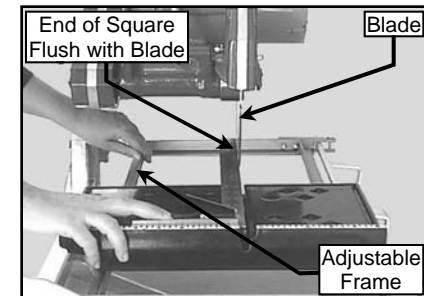
(C)
Position front of Square against Blade



(D)
Move Adjustable Frame until Square rests evenly across Blade

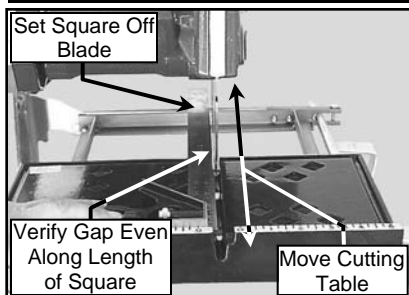


(E)
Position end of Square against Blade

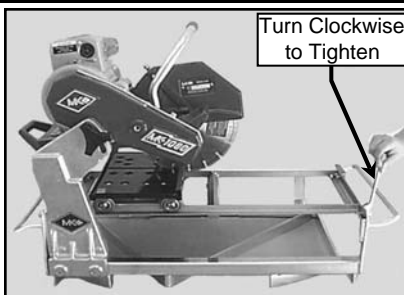


(F)
Move Adjustable Frame until Square rests evenly across Blade

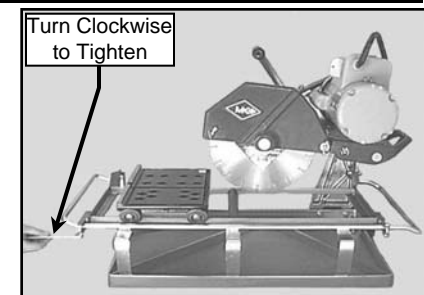
Verification:



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

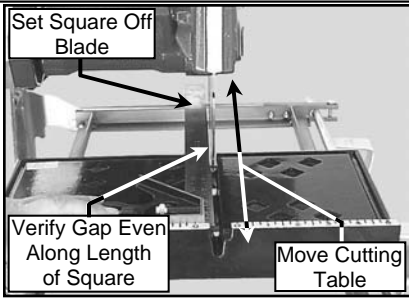


(B)
Tighten front and rear Adjustable Frame Adjusting Bolts



(B)
Tighten front and rear Adjustable Frame Retaining Clamp Bolts

MK-1080 BLADE ALIGNMENT PROCEDURE



(D)

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