



# BTM Equipment, INC dba TK EQUIPMENT

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Laredo, TX, 78041  
Tax ID: 33-1173226

## HOW TO

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### HOW TO: ADD SOME SHIMS TO A MORTAR MIXER

1. First you have to identify where the shims have to be placed frontal leg or back leg. (The one next to the hood). To identify this is by moving the drum back and forth and identify which position is where the pinion shaft is perfectly aligned.
2. If is the rear leg take the hood out if is the frontal leg skip this step.
3. Remove the 2 Bolts that hold the pillow block

Rear leg



Frontal Leg



4. Determine the Shim thickness needed (it could be more than 1). To determine this is by measuring the drum displacement, it's easier to find this measurement by measuring the distance traveled on the transmission.





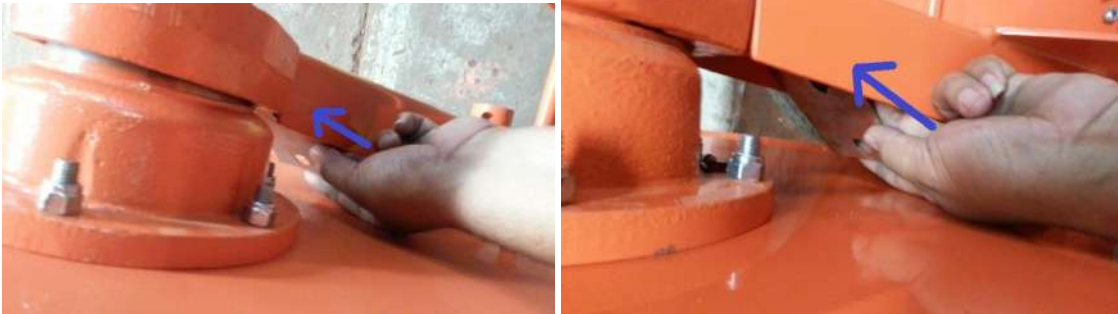
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5. Position the shim by entering the rear lower entrance of the pillow block as shown the pictures below. Test if there is no play on the drum after adding the shims, if it you need a thicker shim



6. Bolt the pillow block back.



7. If you worked on the back leg put the engine shroud back.