

# ETCHED DIAMOND DRESSER INSTRUCTIONS:

## OVERVIEW:

This instructional sheet is meant for customers who have not yet had their indicating pin on the machine calibrated for the pre-etched radius label diamond dressers. ONCE YOUR INDICATING PIN HAS BEEN CALIBRATED ONCE, YOU WILL NOT NEED TO MEASURE AGAIN, simply slide in your new diamond, set your radius, and start dressing the wheel again. All machines made after October 15<sup>th</sup>, 2015 that came standard with this style diamond dresser will not need to be calibrated. All machines made before this date will need to have the indicating pin calibrated once for this new style diamond dresser.

For those of you that have measured the radius on your machine to apply the old radius ruler decal sticker, this process will be very similar. The only difference is that instead of adjusting where the label is placed on the diamond, you are adjusting the length of the indicator pin to match up with the correct pre-etched radius marking on the new diamond dresser.

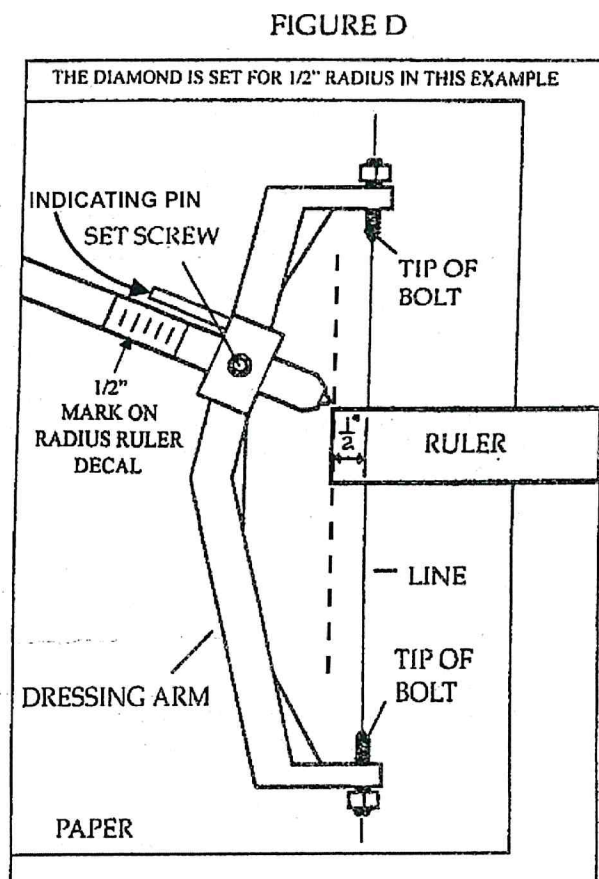
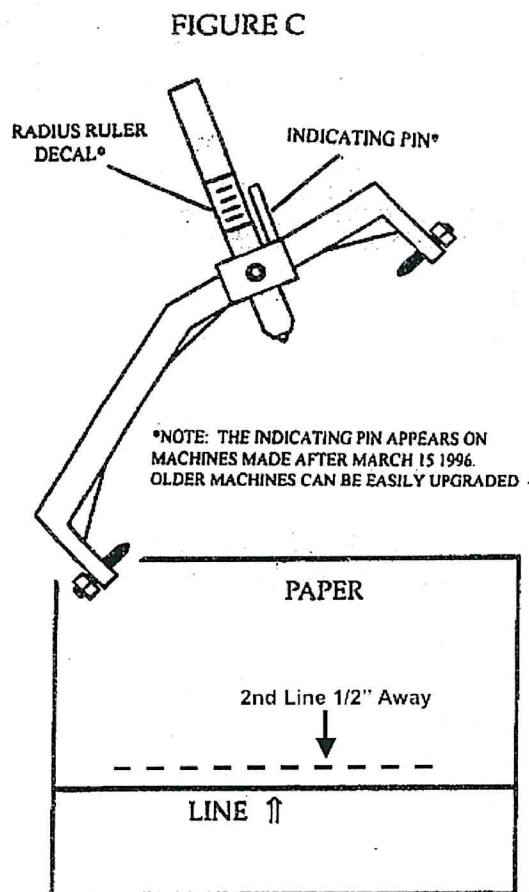
## STEP ONE – MEASURE THE RADIUS:

1. Remove the dressing arm from the machine using a 1/2" wrench to loosen the outer hex nut and a 5/32" allen wrench to loosen the black bolt connecting the dressing arm to the guard cover. Only one side of the dressing arm needs to be loosened for it to be removed from the machine.
2. On a piece of paper draw a STRAGHT line from one end to the other the long way. See Figure C. (reverse side)
3. Using a ruler, measure and draw a second straight line 1/2" away from the first line. See Figure C.
4. Line up the tips of the two black bolts with your original line drawn, as seen on Figure D below.

## STEP TWO – ADJUST THE INDICATING PIN:

1. Keeping the bolts lined up with your original line, loosen the set screw (with the red knob) and adjust your diamond dresser in/in so that the tip of the diamond is lined up with your 1/2" line. Re-tighten the set screw. See Figure D.
2. Now you know that your diamond is set for a 1/2" radius. However, more than likely the 1/2" marking on your new diamond dresser will not be lined up with the tip of your indicating pin.
3. Using a 3/8" wrench, loosen the hex nut at the bottom of the indicating pin. Now using a 1/8" allen key, adjust your indicating pin in/out so that the tip of the indicating pin is lined up with the 1/2" marking on your diamond dresser. Once the tip of the pin is aligned with the 1/2" mark, re-tighten the hex nut so that the indicator pin stays in place.

Now your indicating pin has been calibrated for the new pre-etched diamond dressers, and this measurement will not have to be done again. For every new diamond after this point, simply slide the new diamond in, line up your radius of choice, and begin to dress the wheel.



Please contact the factory with any questions.  
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