

INSTRUCTIONS

QuickMount Dresser

FOR #001-724 QUICKMOUNT BASE

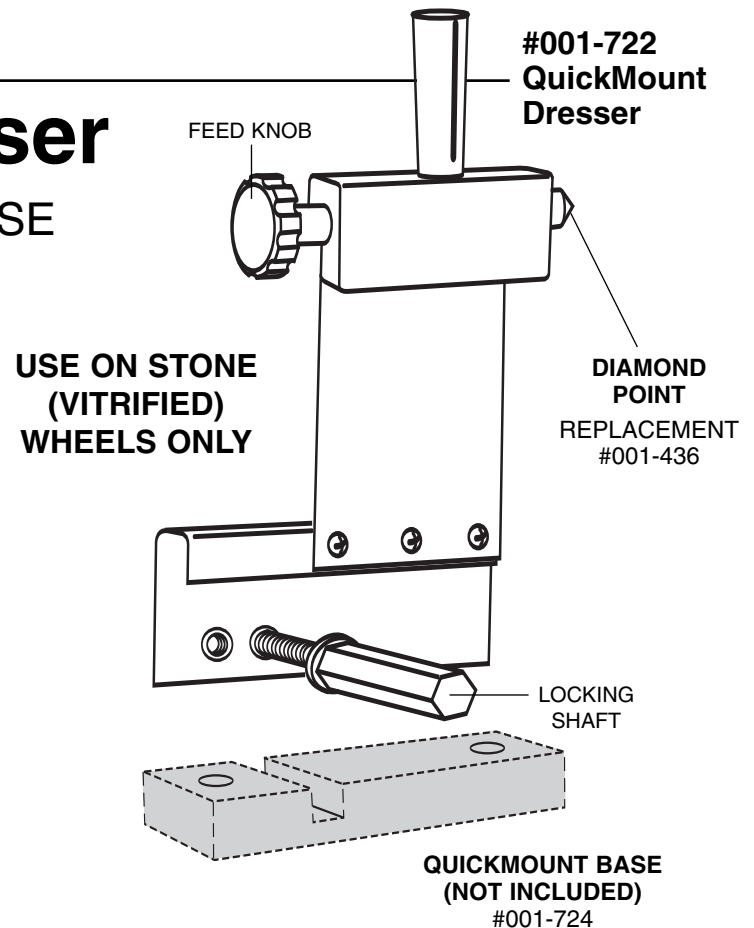
The QuickMount Wheel Dresser is manufactured by Glendo for fast and accurate front dressing of conventional vitrified grinding wheels on bench grinders equipped with the Glendo QuickMount system. YOU MUST USE THIS QUICKMOUNT WHEEL DRESSER WITH A QUICKMOUNT BASE.

Mounting and Using the QuickMount Wheel Dresser

NOTE: The QuickMount Base does NOT come with the #001-722 Wheel Dresser. This base comes with the Grind-R-Table. If you don't have the required base(s), you MUST order them separately using part # 001-724. Follow instructions (#001-462) to install the base. Once you have the necessary base(s) installed, you are ready to use the Wheel Dresser.

First, make sure your grinder is OFF and the wheel has STOPPED.

Now, retract the diamond point by turning the feed knob counterclockwise, so it won't interfere with the grinder wheel. Insert the locking shaft into the front threaded hole. (NOTE: There are two threaded holes for the locking shaft. Use the front one until the grinding wheel wears to small for the diamond point feed screw adjustment. Then retract the diamond and switch the locking shaft to the rear hole.) Set the Wheel Dresser down over the QuickMount Base making sure the locking shaft slides fully down into the machined slot in the base. Make sure that the Wheel Dresser is pushed down completely over the QuickMount Base with the bottom of the Wheel Dresser even with the bottom of the base. The diamond point should NOT contact the grinding wheel yet. Tighten the locking shaft firmly with a wrench.



The dresser works by sweeping the mounted diamond point across the grinding wheel face. Before you turn the grinder on, check to make sure the diamond is retracted far enough to clear the grinding wheel. Now, turn the grinder on and let it reach running speed. While holding the top handle securely, advance the diamond feed screw until it barely contacts the face of the wheel. Next, hold the dresser to the left so it clears the wheel and advance the diamond about .010" (approx. 1/4 of a turn). Now dress the wheel by smoothly sweeping the diamond across the grinding wheel face. It is important to sweep across the wheel at the proper rate. Too fast produces a rough finish and too slow clogs the wheel which causes the tool to burn during sharpening. Start with a 1 to 2 second sweep across a 3/4" wheel.

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#001-474

TIPS FOR GOOD DRESSING

Try to dress in one sweep across the wheel and retract the diamond so it doesn't drag across the wheel when you return the dresser to its left position. Don't try to dress too much in one sweep. If the wheel is in especially poor shape, use several .010" (approx. 1/4 of a turn) passes to true it. A slow sweep will dress finer for better grinding finishes but the wheel will cut slower with more heat. Fast sweeping gives an open, aggressive wheel surface for fast, cool cutting at the cost of a rougher finish. Smoothness counts. A little practice will make you a "PRO".

A worn diamond that is too blunt can clog the wheel and should be replaced with a new one (Part # 001-436). A premium quality grinding wheel can make a huge difference in tool grinding. Don't skimp on the wheel, it does the work! After dressing, carefully wipe the loose grit from your grinder and attachments. Grit is the enemy of shop equipment. Keep tools and sharpening attachments away from the grinder or covered while dressing your wheel.

Proper front wheel dressing can sometimes improve the balance of the grinding wheels but NOT in ALL cases. There are several ways to improve wheel mounting and balance on bench grinders. Be sure the large wheel-retaining flange washers are true and deburred. If the arbor hole in the wheel is big and sloppy, you may need to shim for good concentricity. Often, just repositing the wheel (loosen - rotate and tighten) can make a difference. Some wheels come from the factory with hidden density variations which make proper balance almost impossible. If you suspect this, get a new wheel...in the end you'll be ahead. A small percentage of grinders have bent shafts. No wheel will run properly on a bent shaft.

DIAMOND REPLACEMENT PART

#001-436 Mounted Diamond for
QuickMount Wheel Dresser

EXTRA BASE

#001-724 QuickMount Base

SEE TIPS AT
LEFT FOR
SWEEP
DETAILS



IMPORTANT:

SAFETY IS YOUR RESPONSIBILITY

WEAR SAFETY GLASSES. Always use the safety guards. Observe and follow all safety instructions that come with your grinder. NEVER REMOVE, INSTALL, OR ADJUST YOUR WHEEL DRESSER OR ANY ATTACHMENTS UNTIL THE WHEEL HAS STOPPED. Grinding wheels can break if defective or abused - use them accordingly.

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To Order Call: 1-800-835-3519

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