

SAVE THIS PACKAGE

NORTH STAR STANDARD SERIES SLAB ROLLER REPAIR PACK

Enclosed you will find three extra roll pins for your new Slab Roller. Be sure to retain this package permanently.

SPARE ROLL PIN (HANDLE ENGAGEMENT PIN)

If you examine the handle shaft of your Slab Roller, you will see that a square notch on the handle engages a small pin that passes through the shaft. This pin was designed to shear off before anything else breaks if the Slab Roller is overloaded - a two-cent part breaking to save a hundred dollar part. If the handle turns but the rolls do not, check this pin first.

The pins in this package are spares in case one breaks. Should a pin break, first check to make sure nothing is preventing the gears and the rolls from turning freely, that no one has attempted to pass something other than clay through the machine, and that the clay being used is of about throwing consistency.

If the pin has simply been lost, paragraph 1, below, will not apply.

To replace:

1. The center part of the sheared pin is probably still in place in the hole. Use a 1/8" or 5/32" punch and very light taps with a hammer to remove it. If the old pin has not sheared off, go on to the next step.
2. Tap the new pin through the hole with a hammer. Use light blows.
3. Note that the pin is made slightly larger than the diameter of the hole. As it is driven into the hole, its diameter will be compressed just enough to fit. Expansion tension holds the pin in place.
4. Make sure that an equal amount of pin is showing on each side of the shaft.

If the gears on your machine are blue or black, this is a good time to use the small hex key ("Allen wrench") that came with it to check the tightness of the setscrews in the driver (very bottom) and driven (very top) gears. These gears are at the other end of the machine from the handle and the driver and driven gears are the ones affixed to the ends of the rolls, not the two set off to one side. If you will rotate the rolls slowly while looking at the gears, you will find a small setscrew between two of the teeth. These must be kept snug at all times. Don't pull hard on the hex key or you will strip the threads. If the gears are white, they are pinned and this step is not necessary.

IF THERE'S EVER A PROBLEM OF ANY KIND:

Call North Star at (800) 231-7896

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