

Cleaning Wires -- Small, Medium, Large

Cleaning wires are available in Small, Medium and Large sizes, stamped S, M, L into the handle of the wire holder. A set of medium wires is provided with the machine.

S (Small Wire) (.006) -- for non-stop begonia manifold only

M (Medium Wire) (.008) -- for #1, #2, #2½ rubber tips, red needle, small multi-hole

L (Large Wire) (.012) -- for large-hole manifolds, orange, blue, purple and large needles, and large-multi-hole manifolds

Clutch adjustment

The Blackmore Turbo/Needle seeder is equipped with a clutch drive which advances the containers. A belt from the motor transfers power to the clutch which in turn drives another belt going to the drive/timing wheel. In the middle of the seeder, beneath the *main* drive wheel from the motor shaft is a knob on the clutch which is used to adjust the clutch tension. To gain access to this knob, increase the tilt adjustment to maximum, *or* lift the control panel and prop it up while making the adjustment.



Adjusting clutch tension

Turn the knob clockwise (as you look at it from the back of the control panel), to increase tension and decrease slippage. Turn it counter-clockwise to decrease tension and allow the clutch to slip more easily. This will also allow you to rotate the drive/timing wheel in order to properly time the seeder for sowing various containers. Timing marks (arrows) are located

on the face of the drive/timing wheel and on the body of the seeder above the wheel. These marks should be aligned when the manifold is in the seed exhaust position. If they are not, rotate the drive/timing wheel (keeping manifold in seed exhaust position), until the two marks meet. This will ensure proper positioning of the plug tray beneath the drop tubes. (see the section on setting top pushers and timing mark alignment)

Test-run the seeder to be sure the marks align on each subsequent rotation. Grasp the plug tray as it tries to advance, checking to see if the clutch slips. After making any necessary adjustments, be sure to re-align the timing marks.