



## BNT-64 REBAR TYING TOOL

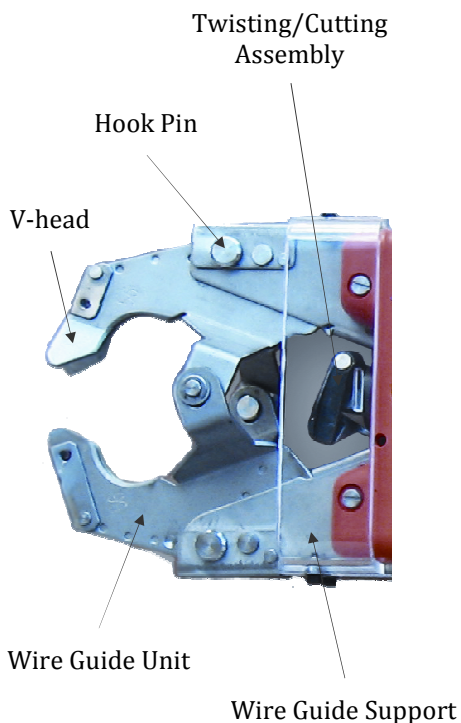
*Troubleshooting Recommendations*



**Problem:** The machine just spits out wire instead of making a tie and cutting free, which is sometimes referred to as “bird nesting”.



**Solution:** The following actions should be considered before sending your tool in for repair and being left with production downtime...

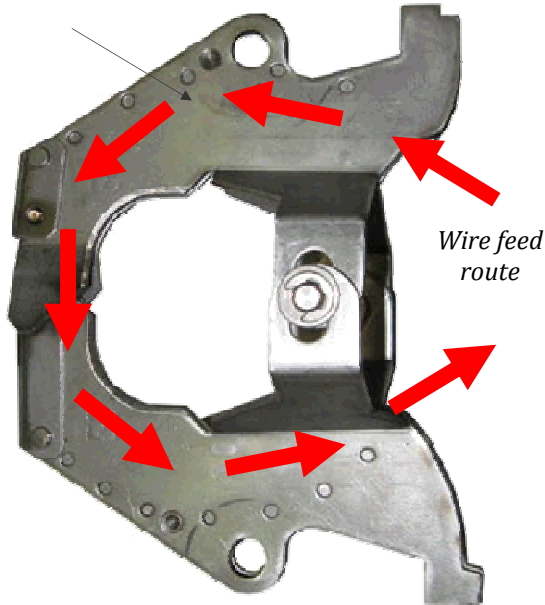


1. Manually close the wire guide completely and press the trigger switch. This will cut the wire and reset the tool.
2. Turn the machine OFF and then ON again. This will reset the tool's memory and can prevent additional tool malfunction.
3. Before making another tie, check to see if there is any excess wire caught in the twisting/cutting assembly from prior usage. Any wire left on the assembly can result in tool malfunction. **CAUTION:** To avoid chance of injury please turn the machine OFF before handling the twisting/cutting assembly, as any accidental pressing of the trigger switch while handling the assembly can result in injury.
4. Remove the wire guide unit from its support (pop out both hook pins to remove) and clean out thoroughly. Any dirt or debris lodged within either the guide unit or the guide support will prevent the wire from feeding properly and the guide from closing properly, leading to tool malfunction. *(SEE NEXT PAGE FOR ADDITIONAL DETAIL)*  
When replacing the guide unit back into the guide support, make sure that the female end (V-head) is positioned at the top of the tool (same side as wire spool). If the guide unit does not fully close or is inserted in reverse, then malfunction may occur.



## CLEANING THE WIRE GUIDE UNIT

Wire Guide Unit

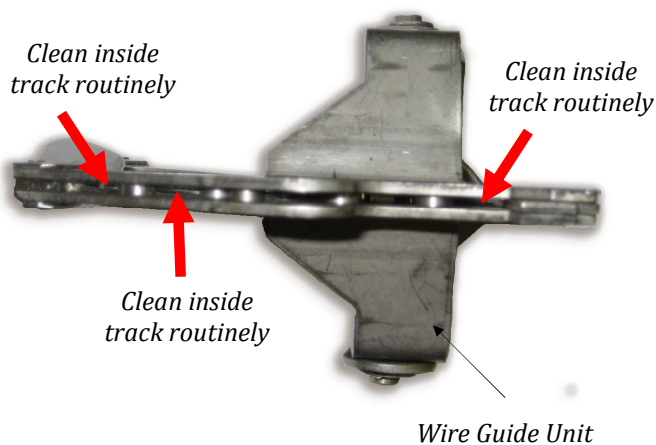


**SIDE VIEW**

When making a complete tie, a double loop of 18 gauge galvanized steel wire feeds through the rebar tying tool and the wire guide very quickly in a manner indicated by the red arrows in the side view picture at left. Any disruption to the wire will result in a malfunction of the tool, but can easily be fixed without sending away for repair.

As you can see from the side view of the guide unit to the left, the wire feeds around the interior of the guide unit in a loop before returning to the twisting/cutting assembly for completion of the tie. If, however, as the wire makes it's way around the guide unit and there is dirt or debris of any kind hindering a fluid motion, then the tool will malfunction.

**TOP VIEW**



On a regular basis, the guide unit of the BNT-64 needs to be inspected and cleaned out for optimum tool performance. It is recommended by the manufacturer to apply either mineral spirits or lacquer thinner into the inside track of the wire guide, as indicated by the red arrows in the top view of the wire guide at left. Then clean out the area with pressurized air from an air hose. Be sure to keep an eye out for any lodged wire or other substances, as multiple attempts may be needed to dislodge completely. In some cases a small, flathead screwdriver may need to be used to make the pathway fully clear of debris.

In addition to regularly cleaning out the inside track of the wire guide unit, it is also recommended to make sure the wire guide support is clean of dirt and debris as well.