

Blade Quick-Release

(86N50.00)

The following instructions were provided by the manufacturer.

Quick-Release Installation Instructions



CAUTION:

Turn off bandsaw and unplug from power source.

- Release blade tension and remove blade (Fig. 2).
- Remove inboard blade guard (Fig. 3). The inboard blade guard is held in place by two (2) screws, one of which usually holds the upper sheet metal guard in place.
- Remove the upper bandsaw wheel by loosening and removing the nut (Fig. 4) that holds the bandsaw wheel in place and then slide it off shaft (Fig. 5). Be careful not to drop or mishandle the bandsaw wheel as this may cause it to become unbalanced.
- Remove upper sheet metal guard (Fig. 8) and door assembly by removing the two screws (Fig. 6) holding the guard to the casting on either side of the tensioning device, and then the two larger bolts (Fig. 7) that hold the sheet metal guard to the casting.
- Once the sheet metal guard has been removed, remove the band-tensioning device (Fig. 9). The band-tensioning device can be removed from the saw by sliding the assembly upward all the way out of the slots that guide it in the casting (Fig. 10, Fig. 11, Fig. 12). After removing the tensioning device from the saw, remove the tracking knob.
- Place the Quick-Release in the saw-casting cradle where the existing tensioning device had been (Fig. 13, Fig. 14, Fig. 15). Align the Quick-Release by placing the tensioning device back in the slots (Fig. 16) with the tensioning screw tip slightly extending from the end of the nut holding in the tension spring. Rest the tensioning device and tensioning bolt (with the point resting in the groove of the lifting mechanism) on the Quick-Release and reposition the Quick-Release as necessary to make its top surface *parallel with the bottom surface of the tensioning device and flush with the casting arm* (Fig. 17).
- Mark the location of the two countersunk mounting holes on the casting (Fig. 18) while both the band-tensioning device and Quick-Release are in the correct position. Check to make sure that these hole locations will not drill through any casting webs.

Note: *If your Quick-Release was purchased for a General 14", the body should have four countersunk holes. When mounting the Quick-Release on a General 14", use the inner two countersunk holes.*

- Using the drill bit provided, drill the two marked holes through the casting (Fig. 19) with the Quick-Release and band-tension device removed.
- Place the Quick-Release back into the cradle of the saw casting and secure with two ¼-20 flat head cap screws, lock washers and nuts provided with the Quick-Release (Fig. 20).
- Re-install tensioning device (Fig. 21) in the guide slots of the casting and let it rest on the Quick-Release. *If your saw is a Jet 14" or General 14", replace the factory supplied tensioning knob with the new supplied tensioning knob in the kit (Fig. 22).*
- Re-install sheet metal guard securing with the original bolts and screws (Fig. 24, Fig. 25).
- Re-install bandsaw wheel onto shaft (Fig. 26) and secure, using the original nut (Fig. 27).
- Re-install inboard blade guard using original bolts (Fig. 28).
- Re-install the blade (Fig. 29), *but do not tension at this time.*
- Move Quick-Release handle to uppermost slot (Fig. 30).
- Plug bandsaw back into power source.

Tensioning Blade with Quick-Release

- Place blade on bandsaw wheels with no tension applied and the Quick-Release handle in the *uppermost position* (Fig. 30).
- Turn tensioning screw knob until *correct blade tension* has been reached according to factory gauge on tensioning device. Track the blade according to its manufacturer's specifications.
- To release tension, simply move Quick-Release handle to the down position. The purpose of the middle position of the Quick-Release is to help track the blade at installation by placing a small amount of the total tension on the blade.



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

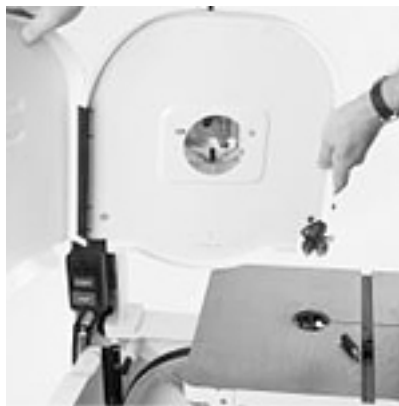


Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18



Fig. 19



Fig. 20



Fig. 21



Fig. 22



Fig. 23



Fig. 24



Fig. 25



Fig. 26



Fig. 27



Fig. 28



Fig. 29



Fig. 30