



INSTALLATION NOTES

INSTALLING & CHANGING TIPS

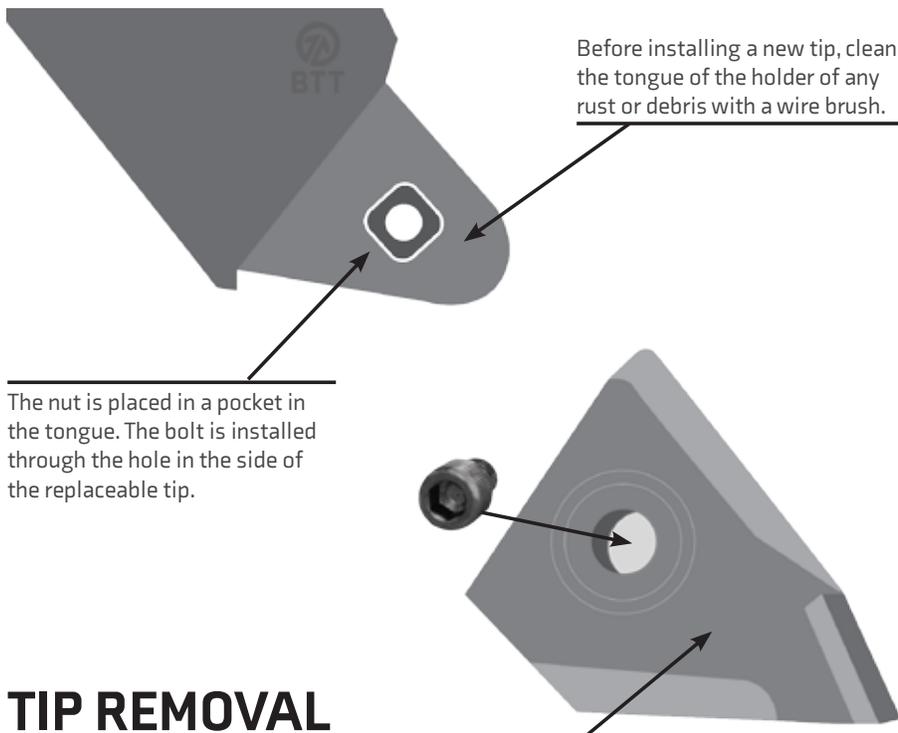
One of our most popular innovations is the replaceable tip. The tongue and groove configuration allows customers to change tips as they wear out, instead of the whole opener.

There are several things to keep in mind when changing or installing new tips:

NOTE Over torquing will result in difficulty when removing. Torque to 84 in/lbs or 7ft/lbs.

When installing new tips it is important to use a new bolt and nut combination.

Before installing a new tip, clean the tongue of the holder of any rust or debris with a wire brush.



The nut is placed in a pocket in the tongue. The bolt is installed through the hole in the side of the replaceable tip.

TIP REMOVAL

If a worn out tip is seized on the tongue, you can use two 3 pound hammers, one to support the side of the holder and the other to strike the opposite side of the tip to break the side wall.

NOTE  **ALWAYS WEAR SAFETY GLASSES!**

When installing products on the Speed-Loc™ adapter, always use the correct driver.

PACKING CONSIDERATIONS

It is recommended to use on-row packing to achieve good soil to seed contact for even germination. Generally, the packer wheel width should be equal to or greater than the width of the tip on the opener. The ideal result is to have uniform depth of firm soil over the full seed row.

