

## Trus<T>Lift Drive Nut Safety Bulletin

The following Safety Bulletin is to inform all Trus<T>Lift installers & owners of a critical safety check of the drive nuts that support the Trus<T>Lift platform. The following safety check must be performed annually on every Trus<T>Lift.

The top bronze drive nut is the main support that raises and lowers the platform. It is made from a low friction bronze bushing material that will wear over time. The lower nut is a safety back-up nut made from the same material intended to protect the platform from freefall should the main nut fail. It must not be used as a main drive nut.

- Bronze drive nuts should be spaced apart by  $\frac{3}{4}$ ".
- Both the drive nut and the back-up nut should be positioned in the channel as seen in the photo.

- The Lower drive nut includes a back up safety bracket (red plate as pictured).
- The back up safety bracket is included on all lifts manufactured after May 13/04 (serial # TS 13220 and up)
- *The back up safety bracket can be easily added to existing lifts manufactured prior to May 13/04.*

- The purpose of the safety back up plate is to indicate to the user when the main lifting nut has failed.
- If the main nut fails the lower back-up nut will move up  $\frac{3}{4}$ " resulting in the lower limit switch becoming activated by the safety plate. The lift will only operate in the up direction until two new drive nuts have been installed.

