

## Troubleshooting Fixed & Variable AutoTENSIONERS

Problem	Possible Cause	Possible Solution
<b>Nut not turning under bridge with system under pressure.</b>	Improper hydraulic connection resulting in no real effect on bolt. Damaged threads on nut and / or stud.	Release pressure, and check your connections. Remove stud tensioner, and repair threads.
<b>Tensioner locks up on bolt or can't be removed, when loosening studs.</b>	Improper practices while assembling stud tensioners for loosening.	Pressurize stud tensioner gradually until the nut rotates. Tighten the nut half a turn. Release the pressure. Turn Puller Bar counter clockwise one full turn. Pressurize stud tensioner. Turn nut one full turn, in the counter clockwise direction. Release the pressure.
<b>Oil leaking from hydraulic connection.</b>	Connection is loose Connection is too tight	Tighten connection Replace Fitting
<b>Piston will not retract / or advance</b>	Hydraulic connections not connected properly	Reconnect fittings
<b>Hydraulic connection will not lock / or will not release</b>	Hydraulic pressure on the line	Release the pressure in the hose

### Storage Tips

- Always have the piston retracted.
- Rinse and clean the stud tensioners after every job, and lubricate with light oil film.
- Cover the internal threads of the Puller Bar.