

FREECLIMBER® - MECHANICAL TROUBLESHOOTING

For machines with a "T-2" transmission

1. Remove alternator belt and inspect for cracks, fraying or any other unusual or excessive wear.
2. Spin alternator pulley to check bearings and check pulley for wear.
3. Remove HTD belt and inspect for cracks, fraying or any other unusual or excessive wear.
4. Spin Eccentric Shaft Assy to check bearings and inspect for excessive wear.
5. Remove the drive chain and inspect for frozen links. Check that the transmission drive sprocket set screw is tight.
6. Spin First Reduction Shaft Assy to check bearings and inspect for excessive wear.
7. Remove step chains/return springs from frame and inspect the chains for frozen links. Make sure step chain connection points pivot freely and have no vertical play.
8. Remove pedals, pedal arms and leveling arms. Lubricate accordingly.
9. Inspect Hub assembly for wear.
10. Verify that drive sprockets freewheel in the forward direction and lock in the other direction.
11. Check drive shaft for radial endplay and excessive side to side play (more than 1/8").

