

Potential Causes of STROKE Slippage Error



1. Check for mechanical obstructions like wedges, damaged parts, etc. that may be inhibiting the axis from moving freely.

2. Check the home sensor, bracket, and target plate for damage. Should be 1/32" gap (paper folded in half should slide easily under it).

3. Tighten motor couplers at input and output locations.

Detailed procedure is on Servo Troubleshooting web page.

Input torque:

- Gearbox serial # G107255 and higher: 97 in-lb
- Gearbox serial # lower than G107255: 159 in-lb

Output torque: 106 in-lb

4. Lubricate linear guide bearings.

5. Check timing belt tension moves 1/4" up an down. Check pulley: teeth should not be worn and shaft should not have movement.

8. Move to Min/Max positions and ensure bumpers do not hit hard stops.

7. Check the quality of the saw blade and ensure it spins smoothly.

6. Ensure stroke travels smoothly and does not hit any part of saw.

