Potential Causes of LASM Slippage Error

7. Check the quality of the saw blade and ensure it spins smoothly. Dull or wobbly blades can put the saw in a bind.

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

2. Ensure LASM travels smoothly, does not hit any part of saw, and does not show signs of recent blade collisions.

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

3. Lubricate linear guide bearings.

5. Tighten motor couplers at input and output locations.

Detailed procedure is on Servo Troubleshooting web page.

Input torque: 89 in-lb
Output torque: 44 in-lb

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