

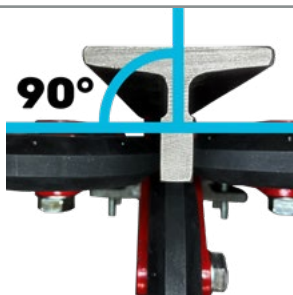
SIX-WHEELED ROLLER GUIDES

MODEL A, MODEL C

Once the guides are installed, perform a final inspection to make sure they are set up correctly. Most roller guide issues can be resolved by performing the eight checks listed below.

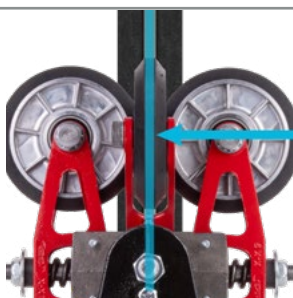
1. Roller guide and rail alignment

- › Roller guide must be aligned perpendicular to guide rail
- › Adjust roller guide until the alignment is correct



2. Roller wheel positioning

- › Face roller wheel should be centered on face of guide rail
- › Adjust roller guide left or right to center face roller wheel



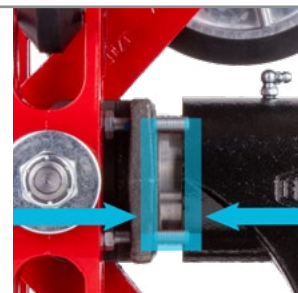
3. Bracket-to-face of guide rail distance

- › Install with correct distance from face of guide rail to front of bracket
- › Align scribe line on front of bracket with face of guide rail



6. Bracket and hub gap

- › Gap between bracket and hub should be 3/8"
- › Use scribe line on hub barrel to verify correct spacing



4. Roller wheel preload (25 - 50 lbf)

- › Preload should be between 25 - 50 lbf on side and face roller wheels
- › It should be possible to skid roller wheels on the guide rail with moderate effort

Side roller wheel preload

- › Adjust preload force on guide rail using the side arm adjustment nut

Face roller wheel preload

- › Adjust preload force on guide rail using the hub adjustment screw
- › Turn side arm adjustment nut or hub adjustment screw clockwise to increase the force and counterclockwise to reduce it, until the correct force is achieved



7. Lubrication

- › Inside of bracket and outside of hub barrel must be greased
- › Use grease fitting—apply general purpose grease until it appears between hub and bracket



8. Elevator float

- › Float is preset at the factory
- › DO NOT change adjustable stop screw setting unless float needs adjusted
- › Turn adjustable stop screw clockwise to decrease float and counterclockwise to increase float



5. Side arm roller wheel tracking

- › Side arm tracking screws are preset at the factory. DO NOT adjust unless required
- › Top and bottom roller wheels must be aligned parallel to face of guide rail
- › Adjust side arm tracking screws until top and bottom roller wheel spacing from the guide rail edge is equal



If you still have questions about installing ELSCO roller guides, don't hesitate to call ELSCO Customer Service at 410.363.9020, or e-mail us at info@elscoguides.com. We are always available to help troubleshoot technical issues.