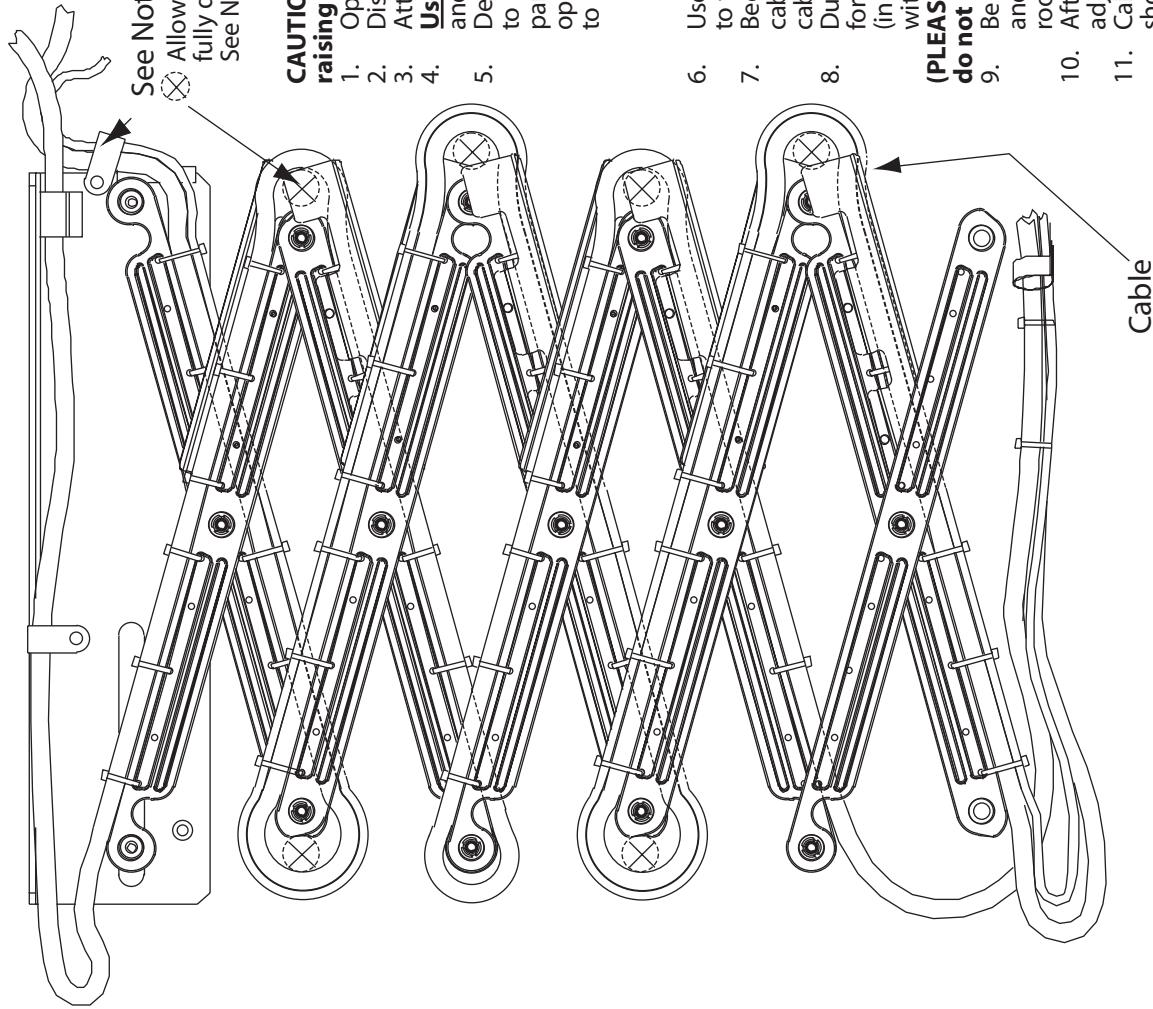


Micro Projector Lift Cable Attachment Instructions



See Note 11
Allow for $\frac{5}{8}$ " between cable and end of scissor when lift is fully down. Use a $\frac{5}{8}$ " diameter object, such as a pin, to measure. See Note 8.

NOTES

CAUTION: Improper installation can cause damage to the MPL during raising and lowering of the unit.

1. Operate the Micro Projector Lift into the fully lowered position.
2. Disconnect power to the MPL.
3. Attach cables to the **rear scissor mechanism only**.
4. **Use flexible cables.** Plenum rated cables are typically too stiff and should not be used.
5. Determine the total required length of cables. 10 ft. of cable is required to reach from the opening of the lower pan to the opening of the top pan. In addition, remember to add (A) enough cable to reach from the opening of the lower pan to the projector, and (B) to connect the MPL to incoming cable at the top of the unit.

$$\boxed{A} + \boxed{10'} + \boxed{B} = \boxed{\text{Total Cable Length}}$$

6. Use the wire ties provided with the MPL to attach the cables to the pre-drilled rear scissor links.
7. Begin wrapping the cable from the projector up with the cables connected to the projector to ensure sufficient cable length coming from the opening of the lower pan.
8. Due to the variation in physical size and number of cables required for any given application, Draper recommends a limit of four cables (in addition to the pre-wired power cord [220V lifts do not come with pre-wired power cord]).

(PLEASE NOTE: The cable installer is responsible for ensuring the cables do not interfere with the scissor mechanism as the unit raises and lowers.

9. Be sure to allow $\frac{5}{8}$ " clearance between the end of the links and the cable loops where shown. This will allow the cable room to flex as the unit is raised and lowered.
10. After all cables are attached, clip extended ends of wire ties and adjust cables so they do not interfere with the rear scissor mechanism.
11. Cables that run to the top right of the rear scissor mechanism should be run through the $\frac{3}{4}$ " cable clamp (provided).

CAUTION: Tie up cables so they are kept out of the scissor mechanism as it is raised and lowered.

12. Note that cables attached to links that slide will move back and forth, and should have the necessary degree of freedom to move with the link.
13. Cable clamps have been provided at the opening of the lower pan and at the top of the upper pan for securing cables.
14. Make sure cables exit through oval hole in side of top pan so that cables are not pinched by upper and lower pan.

DRAPER