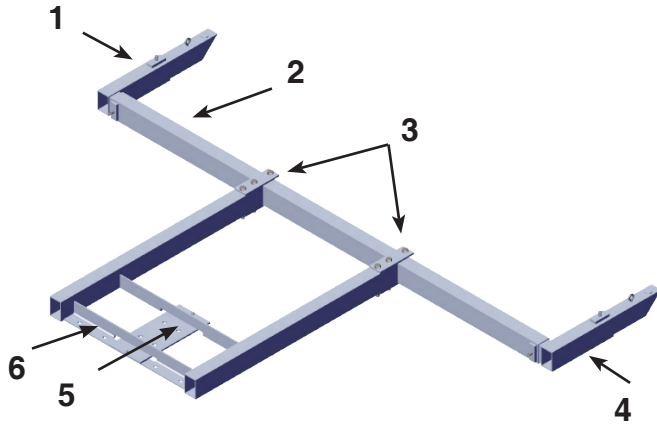


Plumb Line Drop Tool

INSTRUCTIONS



Part No. 10-121

1. Set the plumb line drop tool to your desired DBG and depth by extending the telescoping tubes and locking them in place with the provided set screws.
2. For center opening doors, leave the cross bar (2) on the center of the gauge. For side opening doors, move the cross bar to the proper side of the gauge by loosening the clamping screws (3) in the end of the mounting frame and sliding the crossbar into position. The center of the cross bar should be set on the same centerline as the center of your opening, when referenced from your dropped lines. Re-tighten the screws.
3. Working from the highest landing possible install your piano wire and properly secure, then drop your lines temporarily down the hoistway with a small amount of weight on each line so they don't tangle.
4. Set the tool on the top landing floor and aligning the center of the mounting frame with the center of the door opening.
5. Loosely anchor the mounting frame adjustment plate (5) to the landing floor allowing for minor adjustments.
6. Attach support cables from the eye bolts (4) to a point on the hoistway front wall to prevent deflection in the gauge when weight is added to the plumb lines.
7. Insure the plumb lines are hanging free and plumb. Add weight if necessary.
8. Adjust the frame until the plumb lines are in their proper location and tighten the anchor bolts in the adjustment plate (5).
9. Anchor the frame securely using the holes in the mounting angles (6) of the mounting frame.