

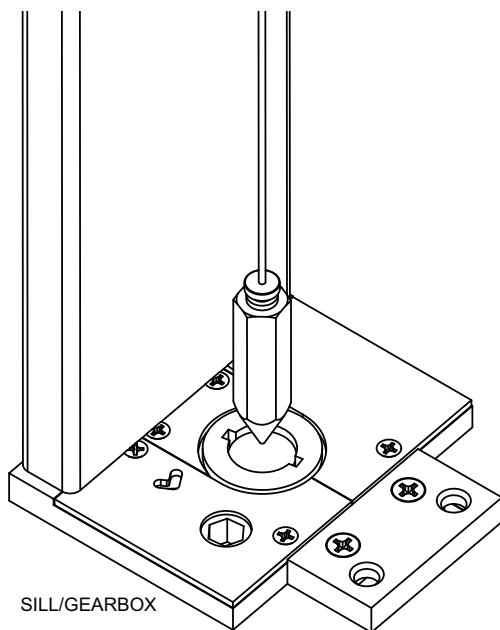
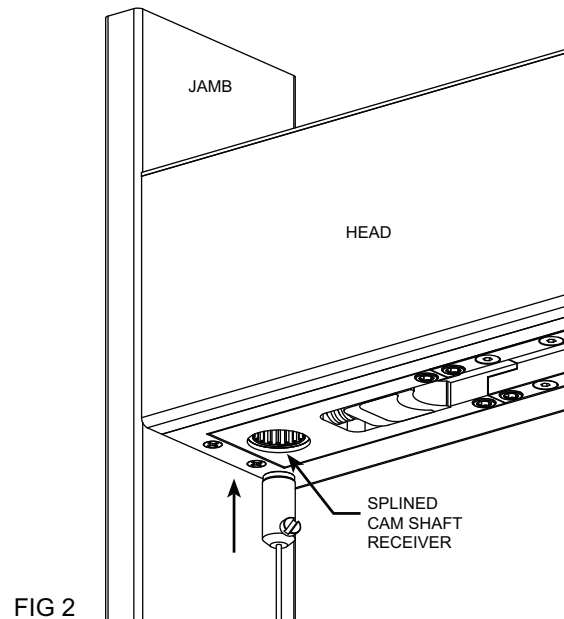
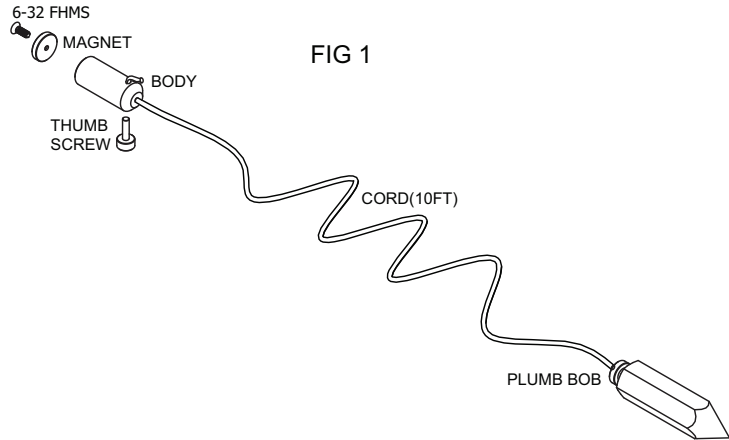
PREMIUM BALANCED DOORS PLUMB BOB ALIGNMENT TOOL

Misalignment of the Premium Balanced Door torsion tube can result in premature wear of component parts and void the warranty. The C.R. Laurence Plumb Bob Alignment Tool, Cat. No. BDPS105, is designed to assist the installer in achieving proper vertical alignment between the head and sill during installation. The Plumb Bob Alignment Tool can also be used with Balancer-type balanced doors and installations without a factory supplied threshold. When using with a Balancer Door system assure that the magnet is centered on the top torsion tube pivot pin.

This set of instructions assume that the head and/or sill (gearbox) has not yet been permanently attached to the surrounding support structure.

1. Assemble the Plumb Bob Alignment Tool as illustrated. Allow the additional cord to exit through the side of the body section. The thumb screw will lock the cord in place. You will need to remove the threaded cap on the plumb bob, insert the cord, and secure it with a knot on the inside. Assure that the magnet is firmly held in place with the flat head machine screw. Do not overtighten this screw and break the disc magnet. (FIG. 1)

2. Insert the magnet end into the splined cam shaft receiver located on the bottom of the head and as part of the damper mechanism. (FIG. 2) Loosen the thumb screw and release or retract the cord until the plumb bob is about 1/4" above the floor gearbox. Tighten the thumb screw.



3. Adjust the head and/or sill until the plumb bob is directly centered over the gearbox. (FIG. 3)

Allow the plumb bob to stabilize. Affix the plumbed side of the head and gearbox to the support structure. For a single door, use a level to plumb the other side jamb. If you are working with a double set of doors, repeat the plumb bob procedure for the other side. Check all work with a level before final attachment.