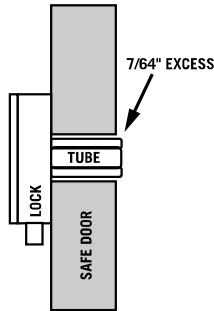


# Mounting Instructions

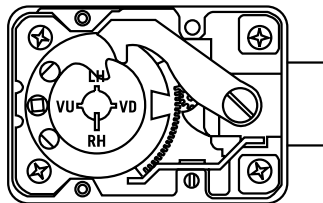
## Standard 3-Wheel and 4-Wheel Group 2 and 2M Combination Locks

**THIS STEP APPLIES ONLY TO THE 6735, WHICH IS EQUIPPED WITH AN ALUMINUM SPINDLE TUBE:**

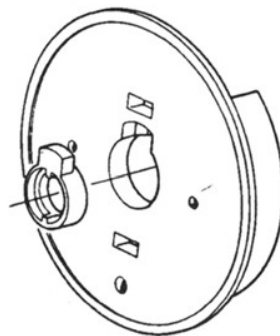


Insert the aluminum tube through the spindle hole in the safe door, and hold the lock against the safe door's mounting plate. Mark the tube 7/64" out from the front surface of the safe door. Remove the lock and cut the tube at your mark. Make sure the cut is straight and smooth, and remove any sharp edges, burrs and cutting debris.

- Using your fingers, pull the lock bolt to the fully extended position. It should project approximately 1/2" from the lock case when fully extended.
- Remove the two Phillips head cover screws.
- Remove the lock cover and set it aside.
- Remove the drive cam and set it aside.
- Align the spindle hole of the lock case with the spindle hole of the safe door and securely fasten the lock to the safe's mounting plate by installing a 1/4 x 20 machine screw at each corner of the lock case.



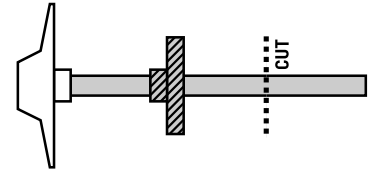
- Seat the Delrin bushing into the back of the dial ring, and, using two 8-32 machine screws, install the dial ring to the front of the safe door. Align the hole in the center of the ring as closely as possible with the spindle hole in the door.



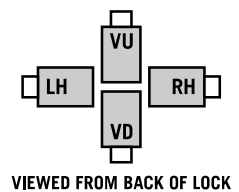
**NOTE:** If the lock is equipped with a tube, the dial ring bushing will seat over the end of the tube.

- Insert the dial's spindle through the safe door and lock. Thread the spindle into the drive cam until the lock dial is snug in its ring and the drive cam is snug against the wheel post of the lock. Mark the spot where the spindle first projects through the drive cam.

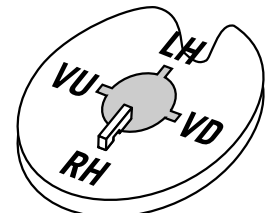
- Remove the spindle from the lock, thread the drive cam onto the spindle until it is between the dial and your mark. Cut the spindle at your mark, then file the new spindle end until it is smooth and flat. Remove the drive cam from the spindle to re-form any threads, which may have been damaged in the cutting process.



- Insert the dial's spindle through the safe door and thread it into the drive cam until snug. The end of the spindle should now be nearly flush with the surface of the drive cam.
- Back the cam off the spindle enough to align the slot (spline keyway) in the spindle with the slot in the drive cam, which corresponds to the mounting position of the lock (RH, LH, VU, VD). If less than 1/2 turn is required to align the spline keyways, back the cam off one extra revolution.



- Insert a new, unused spline key into the aligned spindle and drive cam slots. The flag of the spline key should extend over the body of the drive cam and NOT cross the end of the spindle. Using a small, light hammer, tap the spline key until the flag just touches the surface of the drive cam. Make certain the spline key is a tight friction fit, or the lock will not function properly.



- Replace the lock's cover and fasten it securely with the cover screws.
- Refer to operating and changing instructions for the model of lock you have installed.