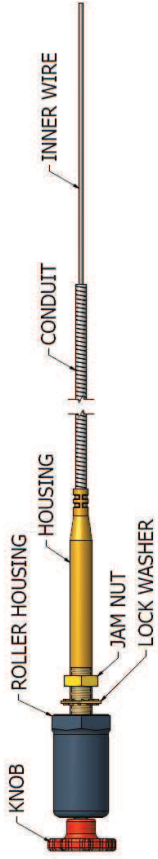


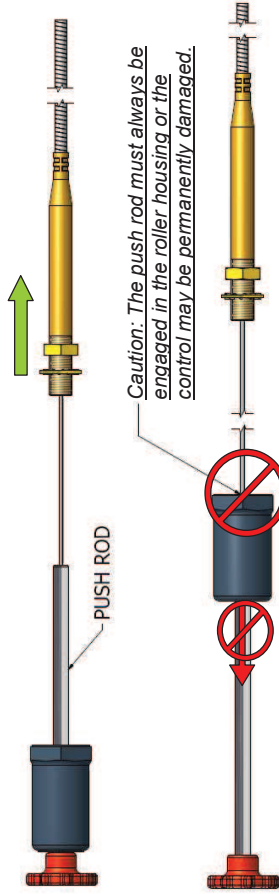
Vernier-Assist™ Mixture Control Installation Instructions

The McFarlane **Vernier-Assist™** mixture control has been designed to install in a standard 3/8" hole and to minimize the space required behind the instrument panel. The installation instructions must be followed to prevent inadvertent disassembly of the drive rollers.



Caution: At all times during the installation process, the push rod must remain inserted completely through the roller housing.

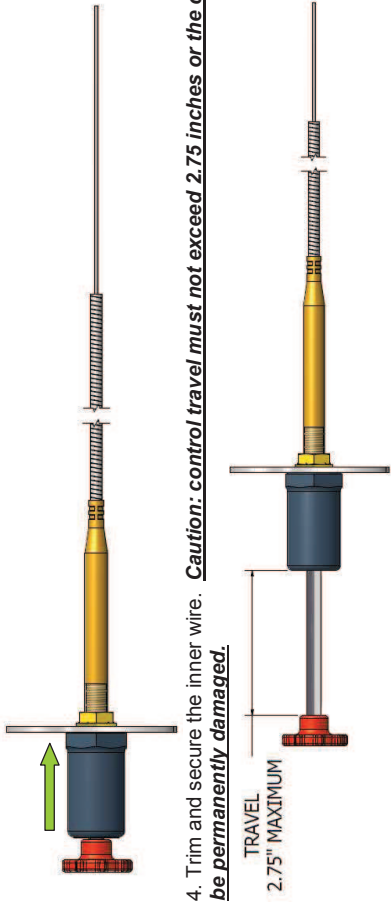
1. Unthread and remove the housing, jam nut, lock washer, and conduit from the roller housing.



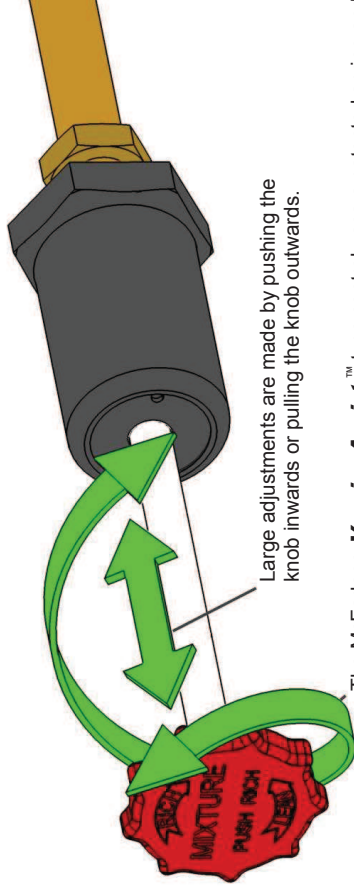
2. Route, secure, and trim the conduit, housing, lock washer, and jam nut from the back side of the dash panel, leaving ~ 3 full threads of the housing extended out past the dash panel. Route the conduit as directly as possible. Conduit bends should be at the maximum possible radius.



3. Carefully feed the inner wire into the housing and conduit, and thread the roller housing onto the brass housing while holding it. Tighten the lock washer and jam nut to secure the control to the dash panel. **Remember, the push rod must always remain engaged in the roller housing to avoid damage.**



4. Trim and secure the inner wire. **Caution: control travel must not exceed 2.75 inches or the control will be permanently damaged.**



The McFarlane **Vernier-Assist™** type control uses a patented spring and roller drive and does not use a positive lock thread engagement. Fine adjustments are made by rotating the knob clockwise or counterclockwise. During rotation, slight inward or outward pressure may be required for vernier action depending on the amount of drag produced by the conduit routing.