

# Mid-USA Internal Throttle Installation Instructions

## Part #42237

### Installation Instructions:

1. Cut 3/4" off the end of the handlebar.
2. Route the throttle cable through handlebar and extend out the end.
3. With the cable attached to the carburetor in the idle position, mark and cut the cable core so that it extends 2 3/8" inches out of the casing.
4. Install the beveled clamp inner sleeve and clamp screw into the handlebar until the end of the handlebar is even with the groove in the inner sleeve as shown. Tighten the screw at this point. Install the o-ring into the o-ring groove on the inner sleeve.
5. Disconnect cable from the carburetor and push the core in, so the handlebar end is visible in the inner sleeve slot.
6. Insert the slide into the inner sleeve and insert the cable cover into the hole in the slide. Tighten the set screw.
7. Connect the carburetor.
8. Insert the spring onto the pilot end of the slide and install the spool.
9. Install the needle bearing, ball bearing and inner retaining ring into the spiral sleeve.
10. Install the spiral sleeve over the inner and install the outer retaining ring.
11. Install the two cam bearings through the spiral sleeve and into the slide.
12. Install a desired hand grip, (sold separately) onto the spiral sleeve.

### Parts Description

Item	Description	Item	Description
A	Beveled Clamp	H	Cam Bearing
B	Inner Sleeve	I	Needle Bearing
C	Clamp Screw	J	Ball Bearing
D	Slide	K	Inner Retaining Clip
E	Spring	L	Outer Retaining Clip
F	Spool	M	O-Ring
G	Outer Tube	N	#10-32NF x 3/16 Set Screw

