

**V-Twin Mfg.
Internal Throttle Kit
VT No. 36-0575**

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Installation Instructions:

1. Cut 4 3/4" off of the end of the handlebar.
2. Route the throttle cable through the 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 clamp screw at this point. Install the o-ring into the o-ring groove on the inner sleeve.
5. Disconnect the cable from the carburetor and push the core in so that 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 throttle cable to 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 sleeve and install the outer retaining ring.
11. Install the two cam bearings through the spiral sleeve, the inner sleeve and into the slide.
12. Install a desired Billet 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

