

Choke Knob Modification for N12AY

The choke knob became a point of concern for those people test flying and checking out in the Europa. The plastic knob would pull off the brass insert, it was hard to hold with your fingers and a replacement knob was virtually impossible to find due to the British Standard Fine Thread (BSFT) ¼-26 thread which is very odd to find in the US and other parts of the world.

The solution was to install small set screws in the supplied plastic knob fixing it to the brass insert. Less than elegant but it worked. It was still hard to pull for most.

The next solution was to install a T handle for easier grip and pull.

The T handle and tap needed to convert the #8 screw hole to BSFT ¼-26 are easily purchased on line. T handle and tap was through ebay:



Your order will ship to:

4012 Canter Ct.
Valrico, FL 33596
United States



Guaranteed delivery:

Thu, Feb 28

You can always [let us know](#) if your item is late



ebay MONEY BACK GUARANTEE

[2" 4" 5" 6" 8" 10" Stainless Steel Kitchen Cabinet Handles T Bar Pulls H...](#)

SKU: Pack: 1, Size: 2"
Total: \$1.00
Item ID: 201109694920
Seller: [vidagoods\(39,249\)](#)

And the tap through ebay as well:



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[EMUGE INCH TAP 1/4 - 26 BSF STRAIGHT FLUTE HSSCO5 \(Cobalt 5%\) HS...](#)

Total: \$14.99
Item ID: 222114496438
Seller: [toolkart\(645\)](#)

The installation requires drilling and tapping the T handle to achieve the BSFT ¼-26 thread. Tap drill is a #3 or 4 if you prefer deeper threads like I did. The typical T handle is drilled and tapped for a solid attachment of the horizontal portion of the T. During tapping, the vertical portion of the T will screw out. That is OK. Simply continue to tap the vertical portion and then reattach the vertical portion using Loctite 638 or similar strong glue.

Install the T to the threaded choke and use the set screw to affix as shown below:

