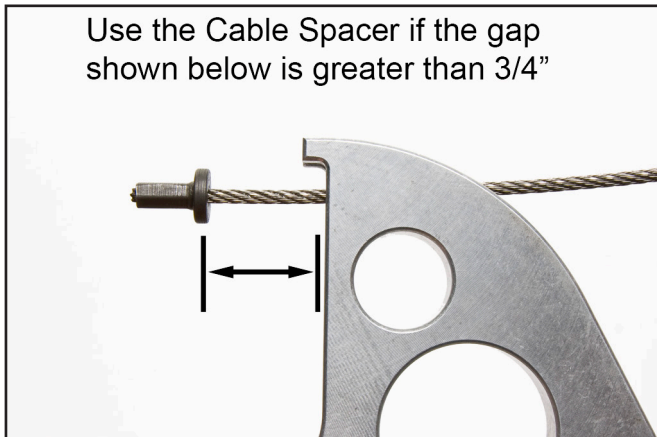


## MM Clutch Cable Spacer (MMCL-17)

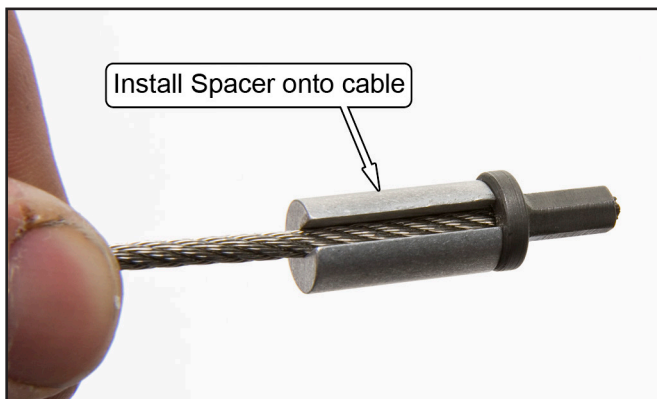
Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

When the MMCL-11 Universal Clutch Cable is used with some aftermarket clutch and bell housing combinations, the MMCL-17 Clutch Cable Spacer may be required to allow proper clutch adjustment. The Clutch Cable Spacer is needed if there is more than a 3/4" gap between the inner cable end and the quadrant when the firewall adjuster is screwed all the way into the firewall (with the cable attached to the clutch fork).

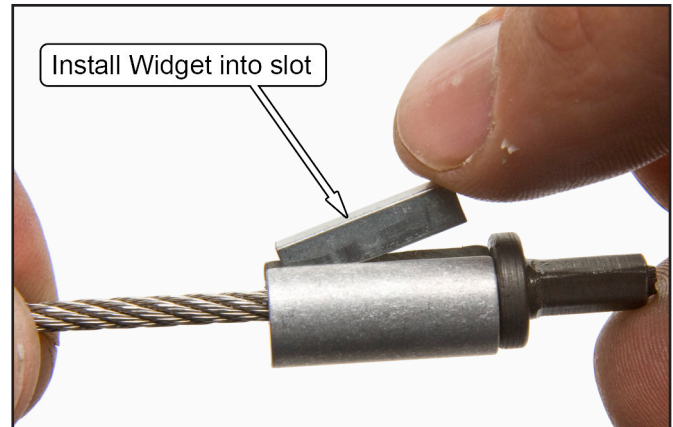


### Cable Spacer Installation

1. Remove the clutch cable from the firewall adjuster so you have access to the inner cable end.
2. Place the provided Clutch Cable Spacer onto the end of the inner cable, adjacent to the crimped-on inner cable end.



3. Insert the Widget into the slot in the spacer.

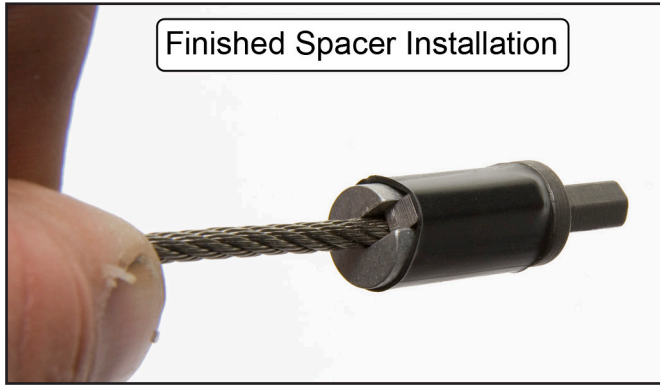


4. Slide the provided heat shrink tubing over the Cable Spacer Assembly.

5. Use a small lighter to heat the tubing until it shrinks tightly around the assembly, capturing the Widget in place.

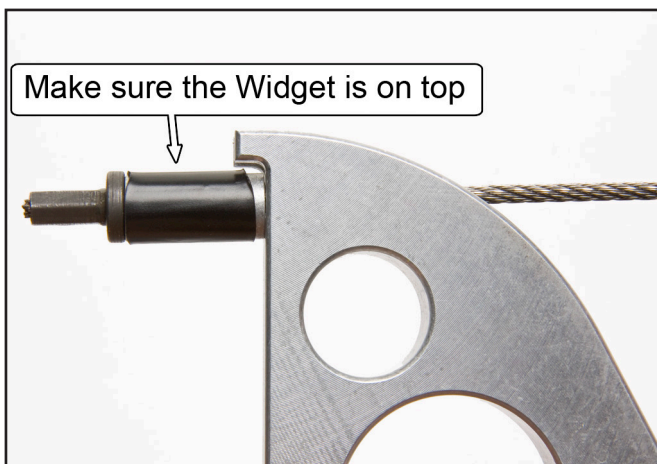


*NOTE: Make sure the heat shrink does NOT wrap around the faces of the Clutch Cable Spacer. This will cause the Spacer to improperly seat against the cable and quadrant.*



### **Cable Installation**

6. Insert the clutch cable into the firewall adjuster.
7. Reattach the inner clutch cable to the quadrant. If there is not enough slack available in the cable to allow installation with the Clutch Cable Spacer in place, remove the inner cable from the clutch fork at the bell housing, and install the inner cable onto the clutch quadrant first. Next, use a pry-bar as a lever to depress the clutch fork enough to reattach the inner cable to the clutch fork.
8. Rotate the Clutch Cable Spacer so the Widget is on top.



### **Clutch Cable Adjustment**

As delivered from Ford, the Mustang has a plastic quadrant and pawl gear assembly designed to self-adjust the clutch cable tension over the life of the clutch. After you've upgraded your clutch quadrant to a stronger, aluminum design, it is necessary to manually adjust the tension on the clutch cable yourself. Before doing this, there are some things that need to be checked. The goal is to hold the clutch cable housing at right angles to the surfaces at each end it is mounted to. This will minimize slack in the cable system and ensure adequate clutch pedal travel.

- The firewall adjuster must be securely attached to the firewall.
- The clip that holds the transmission end of the clutch cable housing to the bell housing must be in place. This clip is located underneath the clutch fork cover.

Once the clutch cable housing has been properly secured and aligned, you can move on to adjusting the cable tension. The cable tension is adjusted by screwing the firewall adjuster out of the firewall.

9. Screw the firewall adjuster out of the firewall until the cable has just enough tension that 5-8 lb of force at the pedal will move the pedal down 1/2" inch. If the pedal moves more than 1/2" when 5-8 lb of force is applied to it, increase the cable tension by screwing the firewall adjuster further out of the firewall.

*NOTE: As the friction material on the clutch disc wears, the cable tension will increase, requiring a "clutch adjustment" to correct. Periodically decrease the clutch cable tension by threading the firewall adjuster into the firewall to maintain the 5-8 lbs of force at the pedal as specified in Step 9.*

*NOTE: If the clutch doesn't disengage with the pedal fully depressed, increase the cable tension by screwing the firewall adjuster out as required.*

### **This Kit Includes**

- 1 Clutch Cable Spacer
- 1 Widget
- 1 Heat Shrink Tubing