

# Wire Lead Installation

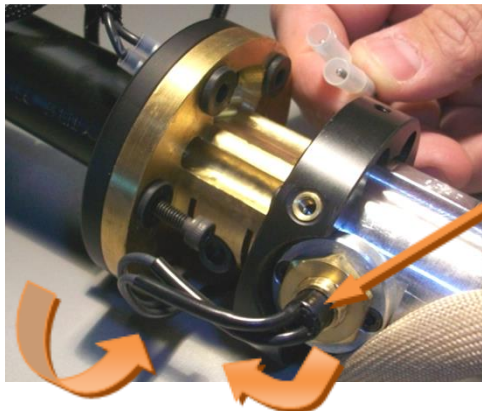
## ADDENDUM

May 2021 | M079

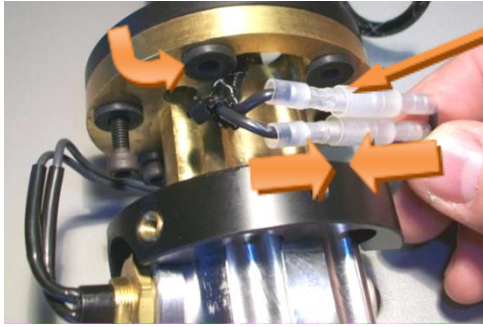
For TOUGH GUN® ThruArm™ Series Robotic MIG Guns

The data contained in this addendum is either in addition to or takes exception to data appearing later in this manual.

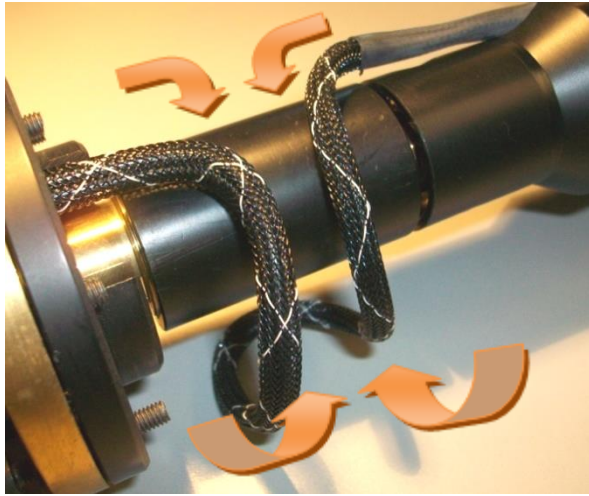
The following images illustrate the routing of clutch control leads within the TOUGH GUN® ThruArm™ series MIG gun assembly. It is critical that these guidelines be used in order to mitigate the risk of damaging the control leads in applications where the axis is rotated  $\pm 360^\circ$ .



Switch leads are bent at  $90^\circ$  and wrapped around, as shown here.



The leads from the unicable are pulled through the access hole and connected here. This connection is captured within the outer cover of the gun.



The remaining lead length from the unicable is looped, as shown to the left. The self-feeding loop will allow for rotation in both directions. This loop will be captured within the wrist of the robot.

### **Tregaskiss**

2570 North Talbot Road  
Windsor, ON NOR 1L0 Canada  
Tregaskiss.com

Phone: 1-855-MIGWELD (644-9535) (US & Canada)  
+1-519-737-3000 (International)  
Fax: 1-519-737-1530