



Limit Switch Adjustment Tool (LSAT)

The most common method to set the Limit Switch Assembly on a Limitorque actuator is the use of an insulated screwdriver. This method has been known cause shorts, resulting in significant delays to replace the control circuit fuse. Teledyne has developed a Limit Switch Adjustment Tool (LSAT) to aid in the safe adjustment of the Limit Switch Assembly.

Benefits

- **Design brings adjustability screws to the front of Limit Switch Assembly for increased visibility**
- **LSAT can be used to adjust the Limit Switch Assembly in three different ways:**
 - Integrated oversized thumb screws manually
 - Standard size flat head screwdriver blade
 - Drill motor
- **Tool allows for shorter adjustment times**
- **Reduces shorting and risk of damaging “L” bracket gaps**
- **No need to deenergize for adjustments**
- **Oversized thumb screws for ease of adjustment while wearing gloves**

Ordering Information

Product Description	P/N
Limit Switch Adjustment Tool (LSAT)	160779

Key Features

- **Electrically isolated stainless-steel rods and guards for added strength and durability**
- **Center rod to declutch the Limit Switch Assembly**
- **Two (2) outer thumb screws to adjust the Limit Switch Assembly settings.** Hash marks have been etched into the thumb screws and base to provide visual aid in the adjustment (20 marks, 18 deg/mark)
- **Integrated blade guards to aid in alignment and adjustment control**
- **Retained compression springs to maintain rod engagement with adjustment screws**
- **High visibility blue coating**
- **Lanyard & boot**
 - Boot used to isolate a contact, i.e., the close torque switch bypass
 - Identifies tool is still in place before the limit switch cover is reinstalled

