

## Installation Instructions

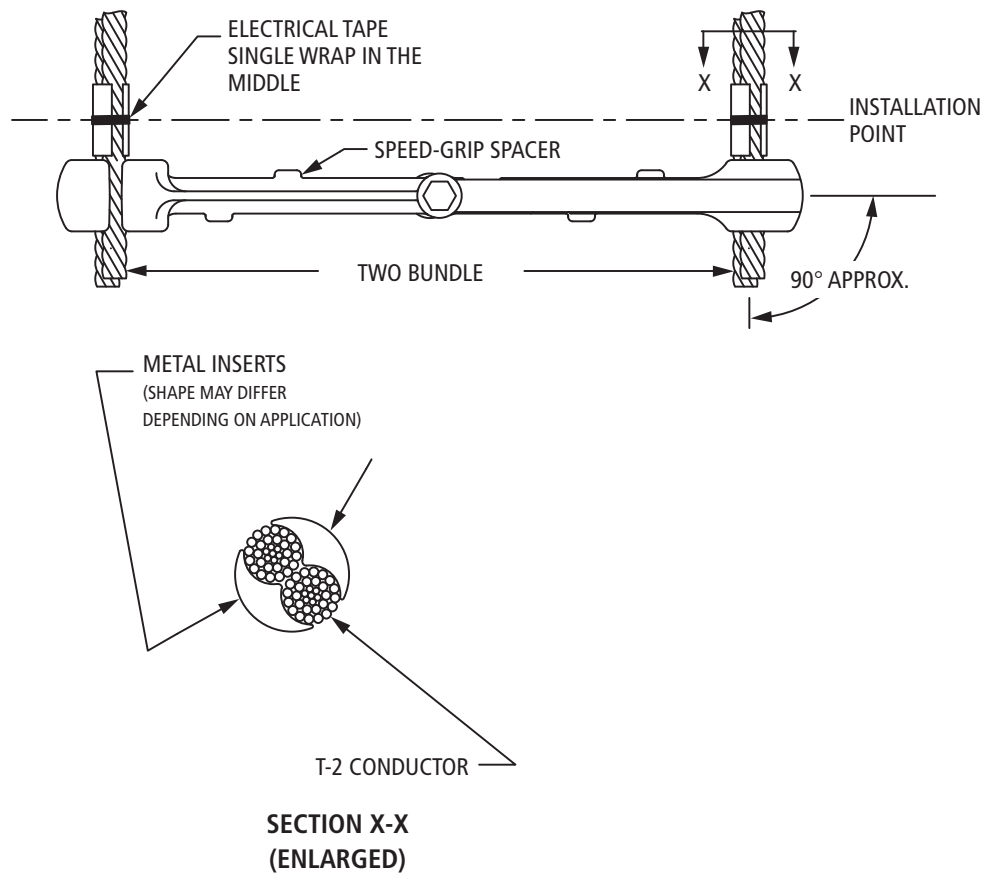
### T2 Speed-Grip® Spacer

1. Obtain the spacer location from the AFL Spacer Spacing Report. Mark the installation point on one T-2 conductor in the bundle.
2. Position two (2) metal inserts on the marked location as shown in Fig. 1. Wrap one (1) layer of electrical tape around the inserts to keep them in place during installation.

**CAUTION: Do not cover over half of the metal insert surface with tape and do not wrap more than one-and-a-half (1½) times around as it may affect the electrical and mechanical properties of the speed grip.**

3. Loosen the speed-grip assembly casting by opening the clamp enough to clear the conductors and insert on each end. Assembly will be held in this position by hand tightening the wedge-lock pin tight enough to hold spacer halves in position when placed over conductor.
4. Position the speed-grip spacer on the conductor adjacent to the installed set of inserts as shown in Fig. 1. Using the spacer as a guide, locate where the second set of inserts must be positioned to make the speed grip perpendicular to both conductors.

**Fig. 1**



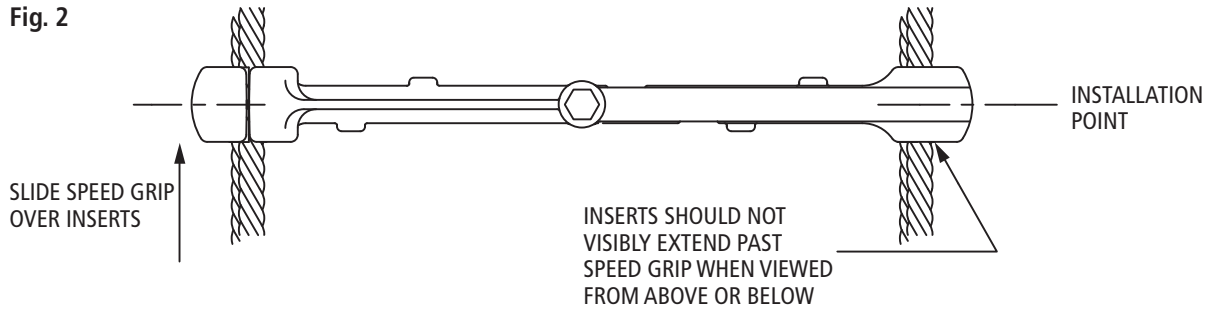
5. Install the second set of inserts using one (1) layer of electrical tape to keep them in place.

## Installation Instructions (cont.)

### T2 Speed-Grip® Spacer

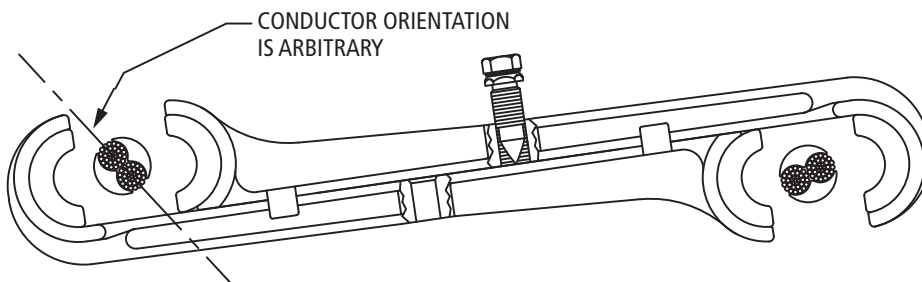
- Slide the speed grip over the spacers such that they are fully surrounded by the speed-grip bushings (see Fig. 2), while retaining the perpendicular stance against the conductors.

**Fig. 2**

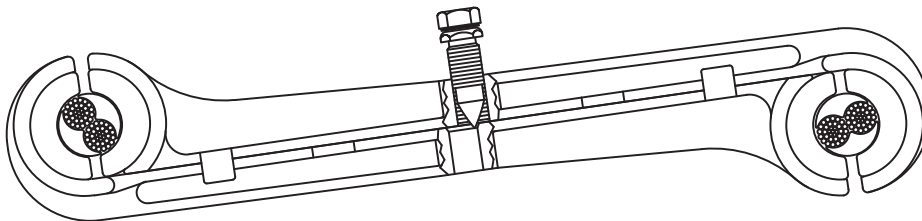


- Loosen wedge-lock pin and close the spacer halves on the conductors. At this position, the point of the pin will be in a position to permit engagement with the lower spacer half lock hole. Hand tighten pin to engage pin with lower spacer half lock hole (see Fig. 4).

**Fig. 3**

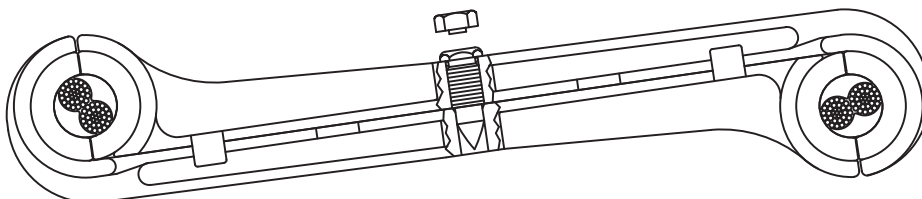


**Fig. 4**



- Using a socket wrench, tighten wedge-lock pin until break-away head shears off. It is recommended that a 12" ratchet wrench with a 6-point deep socket be used. Nominal break-away torque is 40 lbf-ft for the 5/8 aluminum break-away wedge-lock pin and 47 lbf-ft for the 3/4 (see Fig. 5).

**Fig. 5**



- Make final visual inspection to ensure that spacer is properly seated on conductors, wedge-lock pin head bottomed, and if pin head is free from burrs which might have occurred during installation.