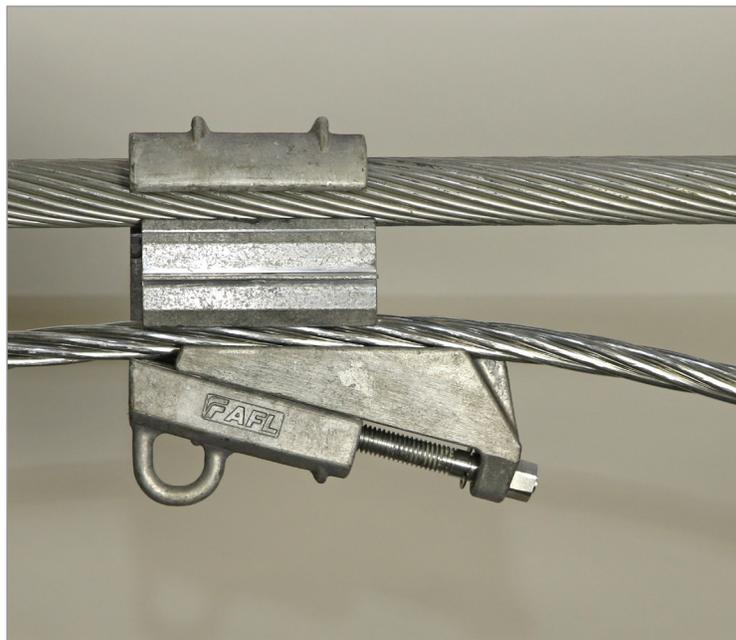


# INSTALLATION INSTRUCTIONS

## TAPLINK® WEDGE TAP CONNECTORS



### NOTE:

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## TAPLINK® Pad Tap Connectors—Glove Application

### Required Equipment and Tooling

- 5/8" socket or wrench (WTA body size)
- 3/4" socket or wrench (all other wedge sizes)
- Insulated gloves and appropriate safety equipment

### Installation Instructions

1. Prior to installing the wedge connector, ensure that you have the correct tooling and safety equipment required and the appropriate connector for your cable sizes. All connectors come in bags labeled with their corresponding conductor sizes. Ensure that the conductor is clean and stripped of any insulation at the location of the connection. AFL recommends wire brushing the conductor where the connector will be installed to remove oxidation.

**NOTE:** For Aluminum-to-Copper connections, AFL recommends installing Aluminum conductors above Copper conductors to prevent corrosion.

2. Remove the wedge connector from the polybag and fully open the position of the wedge by unscrewing the bolt.

3. Place the wedge connector on the main conductor so that the conductor sits flush in the C-body.



### TAPLINK® Pad Tap Connectors—Glove Application (cont.)

4. Seat the Tap wire in the groove of the wedge.



**NOTE:** Each interface is stamped with “Tap” and “Run” as well as the most common conductor size in the range. Ensure that the interface is in the correct orientation prior to installing.



5. Slide the interface between the conductors on the inside of the C-body.



## TAPLINK® Pad Tap Connectors—Glove Application (cont.)

6. Tighten the bolt onto the breakaway head. The head will shear at approximately 12 ft-lbs of torque.



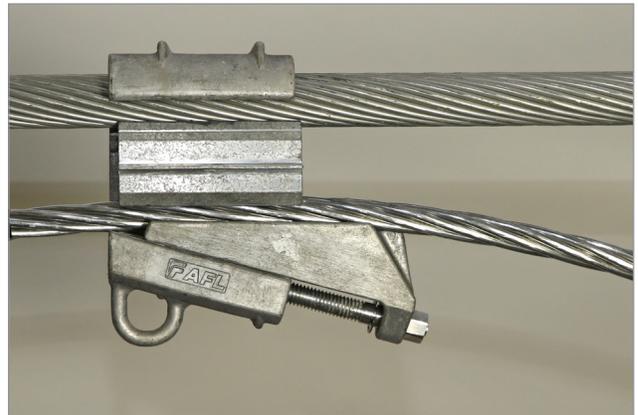
CORRECT



INCORRECT



Breakaway bolt head sheared off.



Wedge Tap Connector installed on conductor.

## TAPLINK® Pad Tap Connectors—Glove Application (cont.)

### Uninstall and Re-use Instructions

1. The connector can be removed by simply backing out the shear-head bolt. The retaining ring will drive out the wedge making it possible to slide out the interface and remove the connector from the conductor.
2. If the connector is to be reinstalled, ensure that the connector is clean and apply new compound to all grooves that will contact the conductor.
3. Remove the retaining ring with a flat head screw driver or a pair of pliers to replace the existing bolt with a new breakaway bolt. Re-assemble the retaining ring with the new bolt by pressing it into the groove.



4. AFL recommends using a new bolt for reinstallation. See Tables 1 and 2 below. However, if a new bolt is unavailable, the existing bolt can be reinstalled using the corresponding torque values mentioned above.

**Table 1**

AFL NO.	STANDARD PACK	THREAD SIZE	BREAKAWAY HEAD SIZE	SECONDARY HEAD SIZE
D12449-1PK	25	3/8-16	5/8"	9/16"
D12449-2PK	10	7/16-14	3/4"	9/16"

**Table 2**

FOR AFL NO. PREFIX	ORDER BOLT NO.
WTA	D12449-1PK
WTB	D12449-2PK
WTC	D12449-2PK
WTD	D12449-2PK
SCA	D12449-1PK
SCB	D12449-2PK
PT2B	D12449-2PK
PT4B	D12449-2PK
PT2D	D12449-2PK
PT4D	D12449-2PK

5. Follow the installation instructions above for re-installation of the connector.