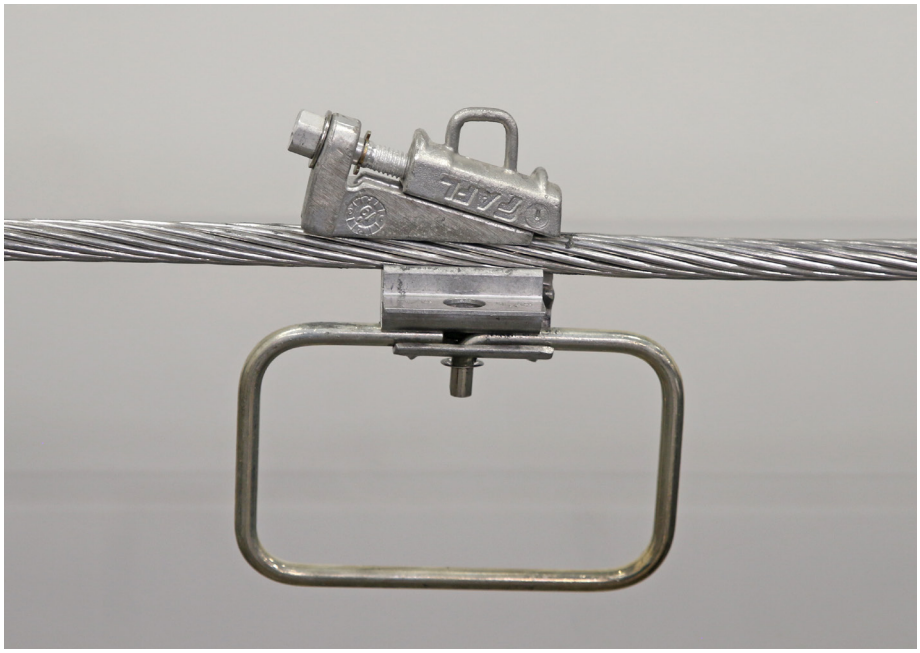
INSTALLATION INSTRUCTIONS

TAPLINK® WEDGE STIRRUP CONNECTORS



NOTE:

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND/OR SPECIFICATIONS ARE THE PROPERTY OF AFL, ARE ISSUED IN STRICT CONFIDENCE, AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF PRODUCT WITHOUT PERMISSION.

© 2020, AFL, all rights reserved. INS-ACA122, Revision 2, 7.6.2026
Specifications are subject to change without notice.

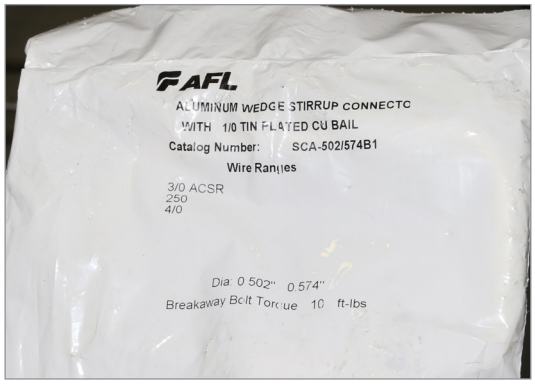
TAPLINK® Pad Tap Connectors—Glove Application

Required Equipment and Tooling

- 5/8" socket or wrench (SCA body size)
- 3/4" socket or wrench (SCB body size)
- Insulated gloves and appropriate safety equipment

Installation Instructions

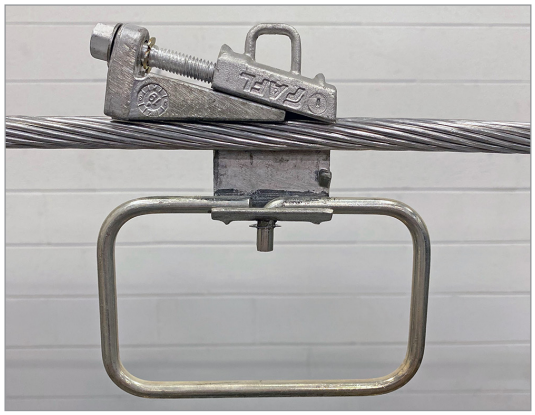
1. Prior to installing the wedge stirrup connector, ensure that you have the correct tooling and safety equipment required and the appropriate connector for your cable sizes. All connectors come in bags labeled with their corresponding conductor sizes. Ensure that the conductor is clean and stripped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



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



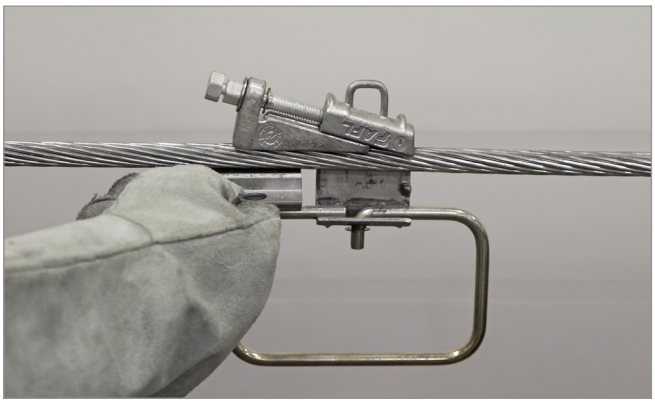
3. Place the wedge stirrup connector on the main conductor so that the conductor sits flush in the groove of the wedge.



© 2020, AFL, all rights reserved. INS-ACA122, Revision 2, 7.6.2026
Specifications are subject to change without notice.

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

4. Slide the interface between the conductor and copper bail on the inside of the C-body.

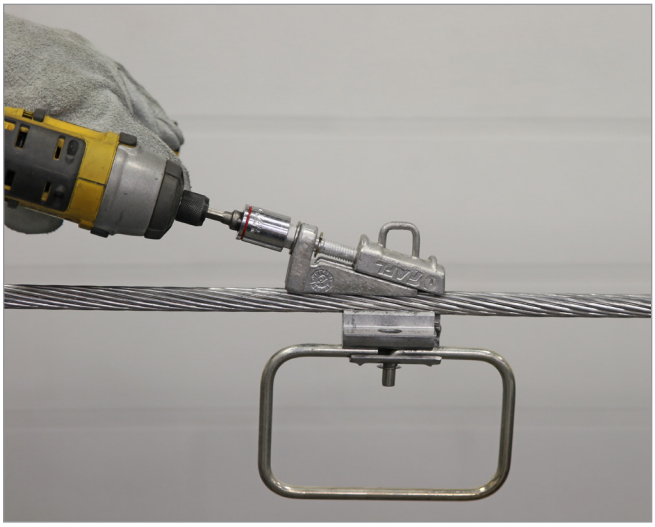




NOTE: Each interface is stamped with the smallest and largest conductor size in the range. Ensure that the interface is in the correct orientation prior to installing.



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



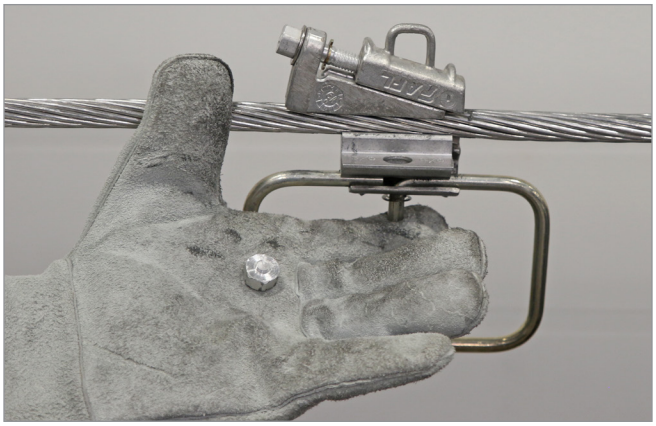
CORRECT



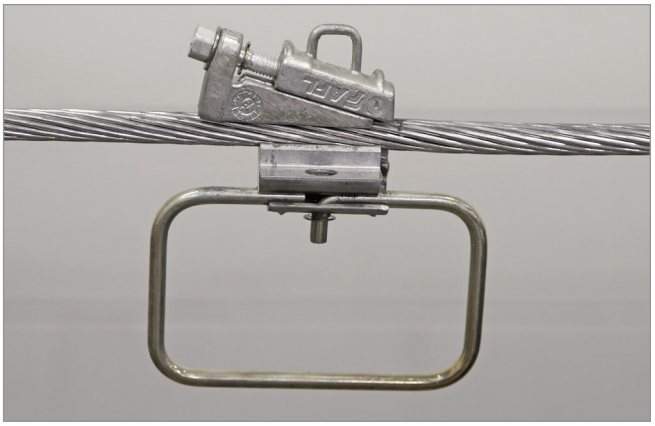
INCORRECT

© 2020, AFL, all rights reserved. INS-ACA122, Revision 2, 7.6.2026
Specifications are subject to change without notice.

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



Breakaway bolt head sheared off.



Wedge Stirrup Connector installed on conductor.

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.





© 2020, AFL, all rights reserved. INS-ACA122, Revision 2, 7.6.2026
Specifications are subject to change without notice.

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

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.

© 2020, AFL, all rights reserved. INS-ACA122, Revision 2, 7.6.2026
Specifications are subject to change without notice.