

ALL-ALUMINUM CONDUCTOR (AAC) SIZE	USE PART WITH THIS DASH NUMBER
266.8	-1
336.4	-2
477.0	-3
556.5	-4

Pulling eye strength rating: 26,690 N [6000 lbs-force]

Deadend body strength rating: 44,480 N [10,000 lbs-force]

Figure 1

1. INTRODUCTION

The AMPACT Deadend Clamp Assembly is used to deadend overhead aluminum-conductor distribution power lines. The assembly is available in three configurations: (1) deadend only; (2) deadend with stirrup; (3) deadend with jumper stud. Refer to Figure 1.

The AMPACT Deadend Clamp Assembly consists of a cast aluminum alloy body with integral pulling eye and clevis with 16 mm [5/8-in.] diameter clevis pin. A special AMPACT Tap is used to fasten the clamp assembly to the conductor.

2. ASSEMBLY INSTRUCTIONS

NOTE

Make sure to clean the conductor prior to applying the deadend clamp assembly.

DANGER

Follow all applicable safety standards when working with conductors.

1. Refer to Figure 1 and confirm that the deadend clamp assembly part number and dash number are correct for the application and the conductor.

2. Attach the deadend body to the insulator or termination point with the clevis pin and cotter pin. See Figure 2.

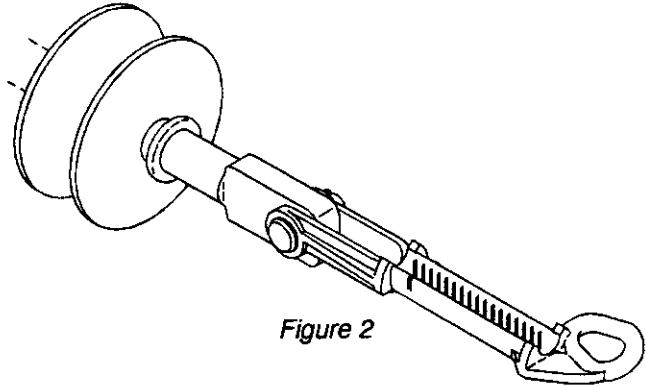


Figure 2

3. Pre-tension the line according to standard practices and position the conductor in the groove of the deadend body.

4. Place the C-component over the conductor in the deadend body groove and position the C-component between the pulling eye and the positioning mark on the side of the body. The wide end of the C-component must be adjacent to the pulling eye. See Figure 3.

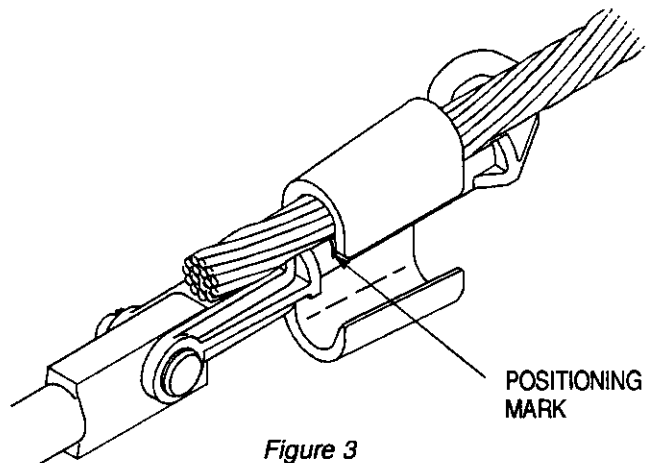


Figure 3

5. Insert the wedge with the large groove positioned against the deadend body. (see markings on the wedge). See Figure 4.

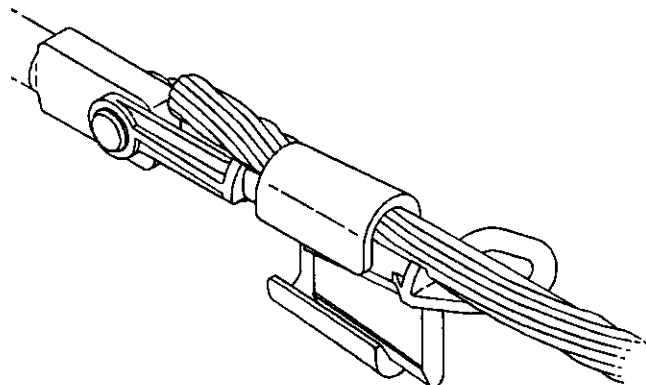


Figure 4

6. If the deadend assembly with jumper stud is being applied, the jumper stud must be positioned in the opposite groove before inserting the wedge. See Figure 5.

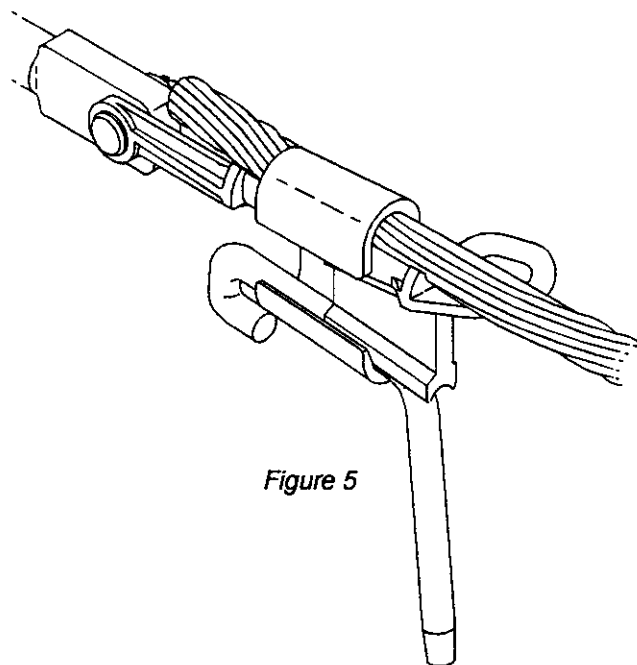


Figure 5

7. Prepare the AMPACT tool and apply the connector as described in AMP Customer Manual 409-2106, which is supplied with the AMPACT tool. See Figure 6.

NOTE

The AMPACT tool is powder-actuated, and must be operated accordingly. Read, understand, and follow all instructions for the safe use of AMPACT tools, as described in the manual.

CAUTION

Make sure that the yellow band on the power unit is advanced beyond the yellow mark on the tool head. It may be necessary to strike the wedge a few times to properly position the wedge before assembling the tool.

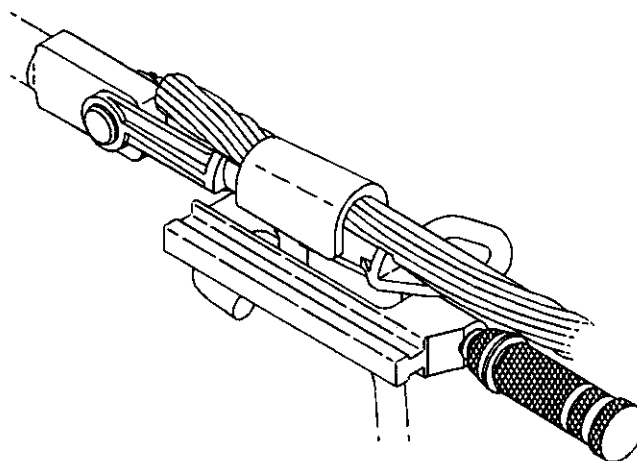


Figure 6

8. To remove the deadend assembly, follow the standard procedure described in AMP Customer Manual 409-2106, which is supplied with the AMPACT tool.

CAUTION

The C-component and wedge are not intended to be reused. The deadend body, however, may be reused, if desired.