

BURNDY®
Groundweij
Grounding Grid Connectors

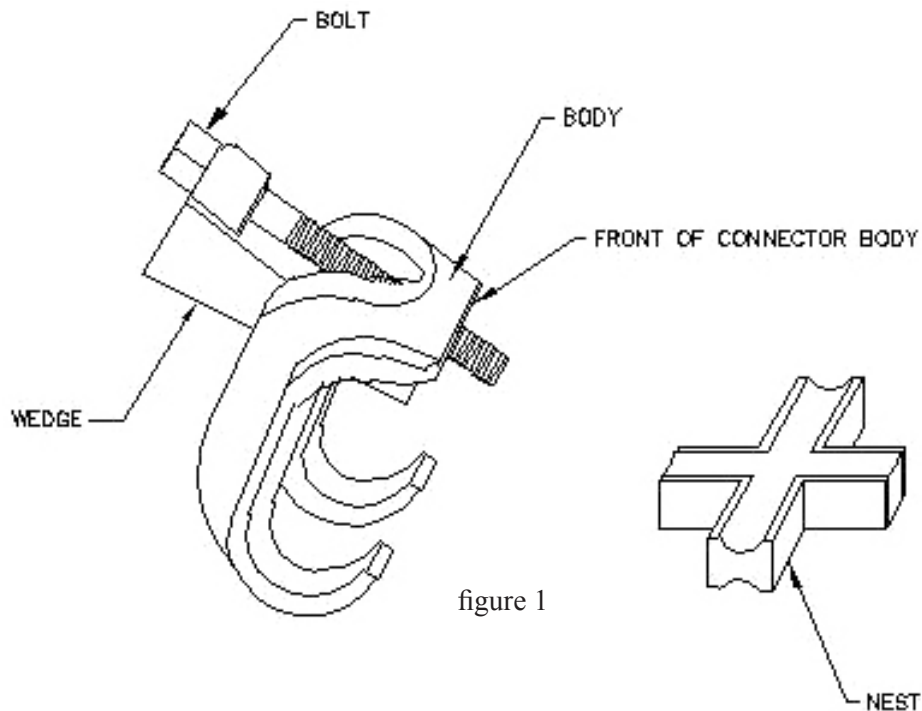


figure 1

INSTALLATION PROCEDURE

1. Check to make sure that the wire and/or rod sizes match the connector which will be used in the application. The most frequently used sizes appear on both sides of the nest. An identification letter will also appear on the nest. Check to make sure that the same letter is present on the package label.
2. Mechanically clean the outer surface of the conductor/rod with wire brush or equivalent. The use of inhibitor compound is the decision of the user. BURNDY® tests do not indicate any difference in performance with or without the use of inhibitor.
3. Remove the connector from the sealed bag.
4. Back out the bolt manually until the bottom of the bolt is flush with the front of the connector body. Refer to figures 1 and 2.
5. Place wedge of connector against the top ground wire or ground rod, as shown in figure 2.
6. Pull bottom wire into J-portion of connector as shown in figure 2.

7. Place center nest between the two wires or between the wire and the ground rod. See figure 2.

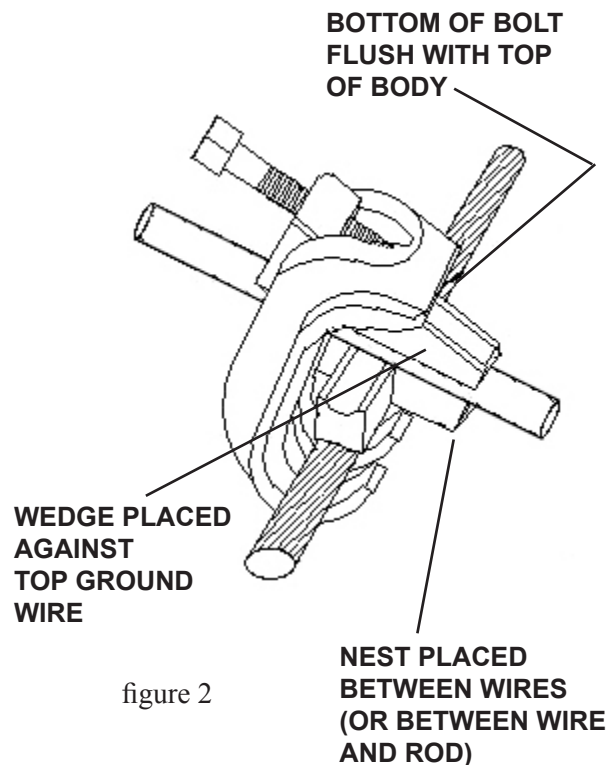
8. Push wedge into connector and pre-tighten bolt manually.

9. Using a socket wrench (or equivalent) tighten the bolt to a torque of 130-inch-pounds for the small connectors and 160-inch-pounds for the large connectors, completing the connection. A completed application is shown in figure 3.

NOTE: If the copper center nest is not symmetrical, that is, if the one side has a large groove and the other side has a small groove, place the side with the large groove against the wire or rod that is next to the wedge. The side with the small groove, thus, should be against the small wire which is next to the J-portion of the connector body.

SMALL GROUNDWEJ GROUNDING GRID CONNECTORS

Cat. No.	Groove A/Creuser A Range/Calibre	Groove B/Creuser B		
		Cable	Copperweld rod/tige	Steel Rod tige d'acier
GXW29C58 nest/aid "B"	4/0 - 250	4/0 - 250		
	3/0 - 250		5/8"	1/2"
	1/0 - 3/0			5/8"
	1/0 - 2/0		3/4"	
GXW29C34 nest/aid "C"	2			3/4"
	4/0 - 250	300 - 350		5/8"
	350		1/2"	
	300 - 350		5/8"	1/2"
	3/0 - 250		3/4"	
GXW26C58 nest/aid "D"	1/0 - 2/0			3/4"
	3/0 - 350	350		
	1/0 - 2/0	3/0 - 250	1/2" 5/8"	1/2"
	4 - 2		3/4"	5/8"
	2		5/8"	
GXW26C26 nest/aid "E"	4			3/4"
	3/0	3/0	1/2"	
	1/0 - 2/0	1/0 - 2/0		
GXW4C12 nest/aid "E"	4 - 2	3/0		
	2	2/0	1/2"	1/2"
GXW2C58 nest/aid "G"	6 sol - 4 sol		1/2"	1/2"
GXW2C2 nest/aid "H"	6 - 2	4/0 - 250	5/8"	
	6			5/8"
GXW2C25 nest/aid "K"	4 - 2	4 - 2		
	2			
GXW6C58 nest/aid "L"	6 - 2	1/0		
	6 - 4	2/0		
	3/0	6		
GXW6C58 nest/aid "L"	12 sol - 6 str/sol			5/8"



LARGE GROUNDWEJ GROUNDING GRID CONNECTORS

Cat. No.	Groove A/Creuser A Range/Calibre	Groove B/Creuser B		
		Cable	Copperweld rod/tige	Steel Rod tige d'acier
GXW34C34 nest/aid "M"	450 - 500	450 - 500		
	500			3/4"
GXW34C31 nest/aid "N"	450 - 500	300 - 350		5/8"
	500			3/4"
	350 - 450			
GXW34C58 nest/aid "P"	400 - 500		3/4"	
	450 - 500	4/0 - 250		1/2"
	300 - 350	300 - 350	3/4"	
	500	3/0	1/2"	
	400 - 500		5/8"	
	350 - 450			5/8"
GXW34C26 nest/aid "S"	4/0 - 300			5/8"
	450 - 500	1/0 2/0		
	400 - 450		1/2"	
GXW34C26 nest/aid "S"	3/0			3/4"

