

TWINCO Rail Signal Bond Installation for Assembly P/N 000-2738-1-0

Tools Required:

- 1/8" hex wrench (provided)
- 15/16" box wrench or 10" adjustable wrench

TWINCO Parts Required:

- Clamp Assembly P/N 000-2851-1-0 (**Figure 1**)
- Wire Contact Jaw P/N 000-2742-1-0 (**Figure 2**)



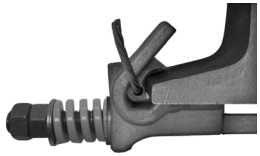

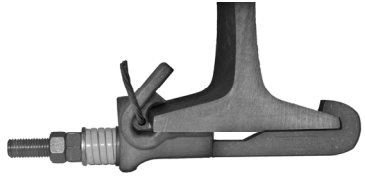


Figure 1



Figure 2

Installation Procedures:

<p>Step 1</p>	<p>Insert wire into the hole provided in the Wire Contact Jaw and tighten set screws with 1/8" hex wrench (provided). Note, wire may be placed into either end of the Wire Contact Jaw depending on wire orientation. A good quality Di-electric grease (provided) may be applied to the wire hole, set screws, and jaw teeth if desired to inhibit oxidation of conductive surfaces. (Figure 3)</p>	 <p>Figure 3</p>
<p>Step 2</p>	<p>Loosen nuts as far as needed to facilitate installation onto the flange of the rail.</p>	
<p>Step 3</p>	<p>Hook "J" Bolt head side of the assembly on the outer most flange of the rail. (Figure 4)</p>	 <p>Figure 4</p>
<p>Step 4</p>	<p>While holding the other side of the Clamp Assembly in the approximate final position, insert the Wire Contact Jaw between the clamp and the corner of the rail flange and finger tighten assembly nut to hold in place. (Figure 5)</p>	 <p>Figure 5</p>
<p>Step 5</p>	<p>Tighten the assembly nut with a 15/16" box wrench until spring is fully compressed. Then tighten Lock Nut. Note, additional tightening after the spring is fully compressed serves no purpose and may bend the clamp assembly. (Figure 6)</p>	 <p>Figure 6</p>
<p>Step 6</p>	<p>Final Assembly (Figure 7)</p>	 <p>Figure 7</p>

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