The Pandrol brand "C" clip joint fastening assembly consists primarily of two parts; the C clip and the C plate. The C plate has been designed for specific applications. There is a different C plate for rolled steel tie plates, concrete ties, and weld on shoulders as well as the different rail sizes. Each C plate is stamped on the lower portion of the plate with a different letter, A - L, corresponding to a particular application. (See application chart.)

**Installation**
The first step in this installation is to place the C plate on the clip housing with the longer portion of the plate resting on the joint bar. The C clip can be driven from the right or left hand positions. It will normally be driven from the right unless there is bolt interference or other clearance problems. The C clip will usually start easier if the C plate is overhanging the clip housing by approximately 1/2" to the driving side. The clip is fully installed when the contact point is in the center of the plate. The clip should ride in the upper ridge, but can use the lower one if circumstances dictate.
**General**

- The C plate can use a nylon cap for providing insulation when required.

- If difficulty in installation occurs, consult with Pandrol USA to insure the proper plate is being used.

- Concrete tie applications will also require a side post insulator to maintain proper rail position in the rail seat.

- C Clips are sold as an assembly comprised of 2 C clips and 2 C plates. This is enough for one rail seat.

Associated part number:

CPA-7033 – A, B, C, D, E, G
Add the letter “I” for insulation