

Articulated Gate Arm Installation Instructions

- 1) Please take note of the Pinch Point Locations that are marked on the gate arm with “PINCH POINT” stickers.
- 2) Install articulated gate arm in down position.
- 3) The articulated gate arm will slide onto and mount to standard railroad conversion bracket the same way that a standard railroad crossing arm does.
- 4) Your gate arm will arrive in 2 pieces (1st section & 2nd section). You will want to slide the 1st section onto the conversion bracket and secure it with the mounting bolts before moving forward. After this is complete, you will slide the 2nd section into the 1st section and run the guidewire through the pulley on the 1st section. Secure the 2nd section to the 1st section with the mounting bolts provided.
- 5) Once your gate is secured to the conversion bracket and assembled you will begin installing the guidewire. You will want to mount the guidewire and eyebolt bracket to the mast pole, so the guidewire is tight. This should be but is not limited to around 12Ft – 15Ft up the mast pole. It may require a little tweaking, but this is a reliable range to start with and should result in a tight guide wire and smooth operation.
- 6) You will need to adjust counterweights and mechanism speed to create a smooth operation of the gate arm. You do not want it slamming around too much, although a small amount may be unavoidable.
- 7) Once all these steps are completed and you feel the gate is operating in a smooth controlled way, you have completed the installation process.

Please call National Electric Gate Co if you have any further questions and always be safe while working!

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