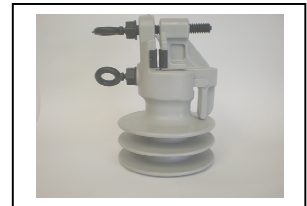


Vise Top Installation

June 30, 2015

Q: Please describe the installation of a Hendrix Vise Top (VT) Insulator?

A: Conductors should be mounted in the top saddle position for tangent construction and small angles, generally up to 6 degrees. Large angles are better suited for the side/neck mounting position. Angles may be supported in the top saddle position provided the mounting pin strength is designed for the expected transverse loading. For all applications, good utility design practice should be followed, including design to National Electric Safety Code (NESC) and/or prevailing rules and codes.



Top Saddle Mounting Position (Tangent or small angles, generally less than 6 degrees)

- Install the VT insulator on the cross arm, ridge pin or other construction mountings by threading onto pin and engaging the mastic. (**Do not over tighten**) then align the saddle to the conductor
- Remove top eyebolt and loosen bottom eyebolt
- Install conductor into the top saddle
- Tighten the bottom eyebolt until breaking the eye off the bolt (either by hand or hot-stick) – eye will break off at approximately 75-80 inch pounds
- **ALWAYS TIGHTEN THE BOTTOM BOLT FIRST**
- **Lastly, reinstall and tighten the top bolt using the same method as above**

Side Mounting Position (for large angles, generally greater than 6 degrees)

- Install the VT Insulator on the cross arm, ridge pin or other construction mountings by threading on to pin and engaging the mastic (**Do not over tighten**) then align the saddle to the conductor
- Remove top eyebolt and loosen bottom eyebolt
- Install the conductor under/behind the vertical finger in the side neck position. The conductor should always pull against the neck of the insulator – Never Against the “Finger”
- Tighten the bottom eyebolt until breaking eye off bolt (either by hand or hot-stick) – eye will break off at approximately 75-80 inch pounds
- **ALWAYS TIGHTEN THE BOTTOM BOLT FIRST**
- **Lastly, reinstall and tighten the top bolt using the same method as above**

Q: Is the Universal Vise Top (VTU) Insulator installed the same as the Vise Top (VT) Insulator?

A: The Universal Vise Top Insulator has a single point mounting position, supporting both tangent and angled constructions. Maximum angles are determined by the pin strength.

- Install the VTU Insulator on the cross arm, ridge pin or other construction mountings by threading fully onto the pin and engaging mastic (6+ turns is not uncommon) ensuring VTU is firmly mounted onto pin
- Remove the top eyebolt and loosen the bottom eyebolt
- Install the conductor into the top saddle
- Tighten the bottom eyebolt until breaking the eye off the bolt (either by hand or hot-stick) – eye will break off at approximately 75-80 inch pounds **ALWAYS TIGHTEN THE BOTTOM BOLT FIRST**
- Reinstall and tighten the top eyebolt using the same method as above

