

John's repaired antenna

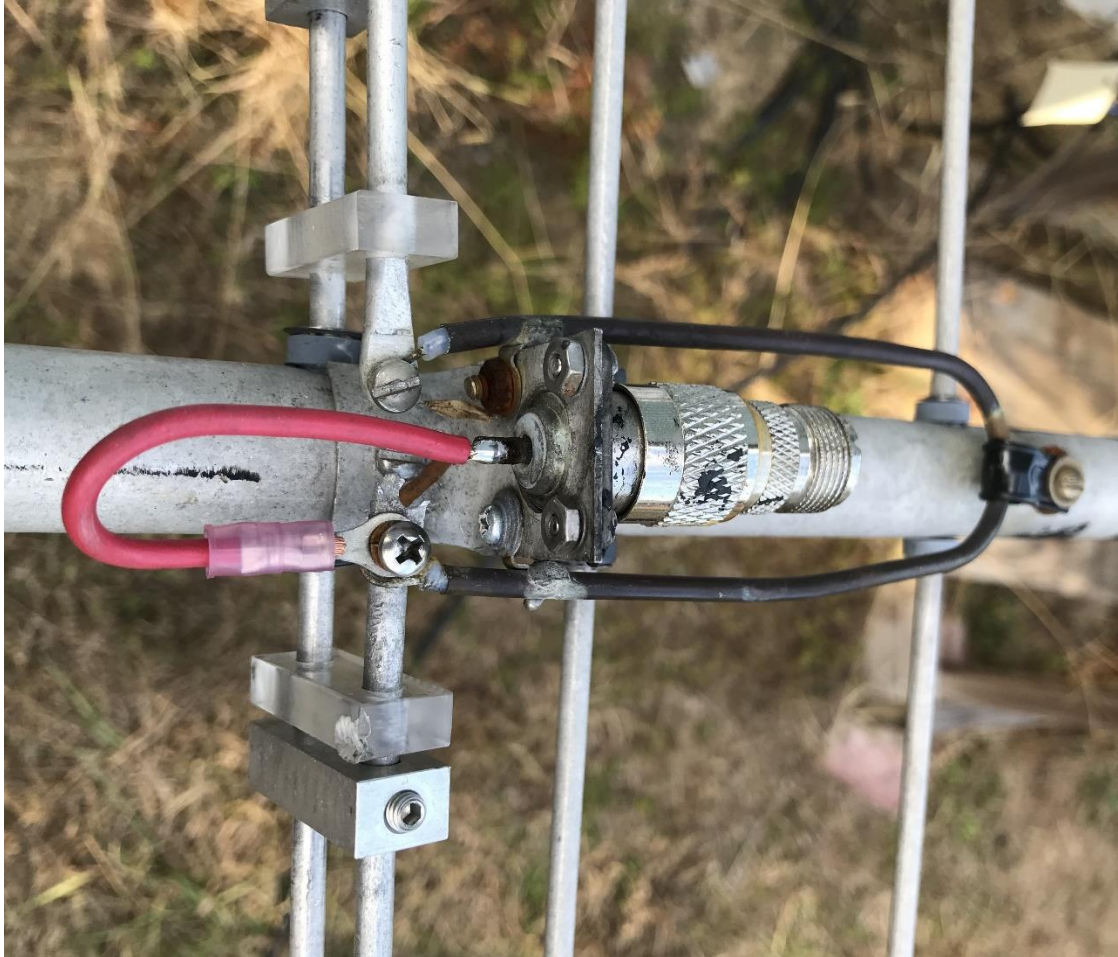


Figure 1 Multiple wiring and hardware errors

- 1.) Wires under screws with no lug or proper flat washers to sandwich
- 2.) Rusted critical hardware and both lugs technically go the wrong direction. Ideally, grounds should be at the coax ends
- 3.) No weatherproofing, often will leak
- 4.) Wrong hardware and rusted hardware
- 5.) Wire crimped and far too long. Outdoor wire connections should be soldered or clamped, not crimp lugs
- 6.) Wire under the wrong hardware
- 7.) No water leak sealing or protection
- 8.) Adaptor required
- 9.) Shorting bars incorrectly adjusted, uneven lateral spacing

Corrected Feed

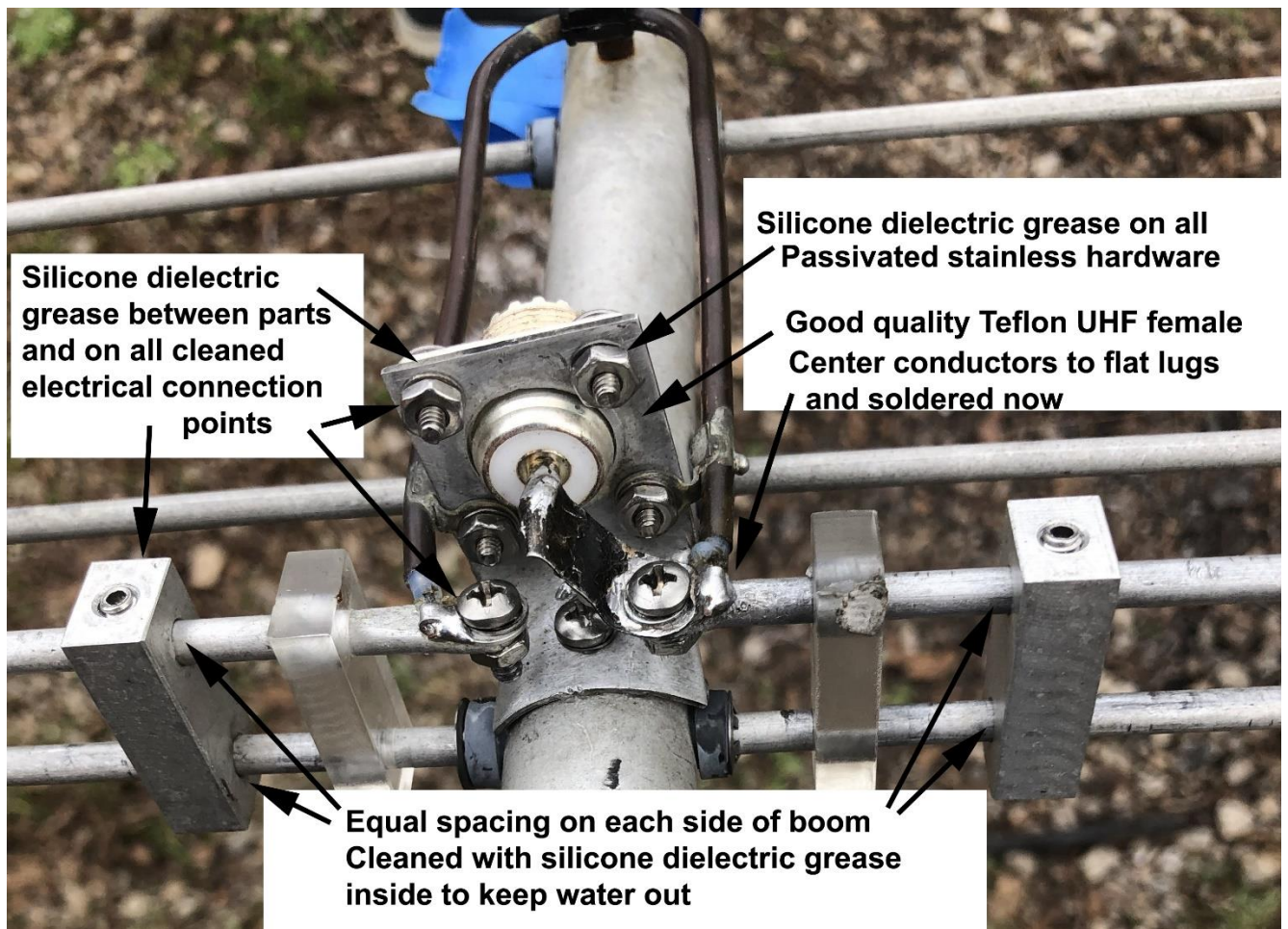


Figure 2 Corrected Hardware and feed

Bad Feed



Figure 3 Uncorrected feed

Bad and Good Feed



Figure 4 Bad and Good feeds

Note: It still needs weatherproofing. We suggested spraying critical points like rear of connector and the UHF connector with several coats of black Plasti-dip during the final installation



Figure 5 Plasti Dip Spray