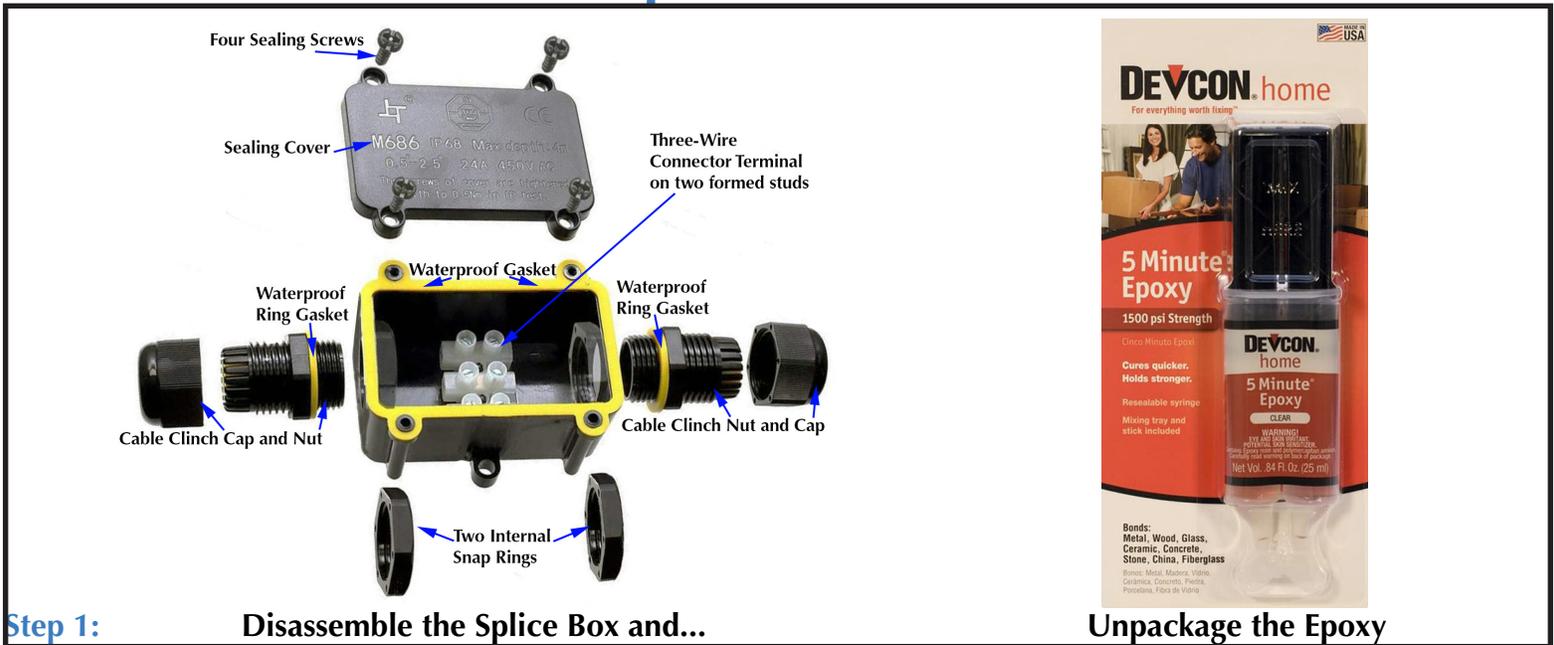


DA-054 Splice Kit Installation

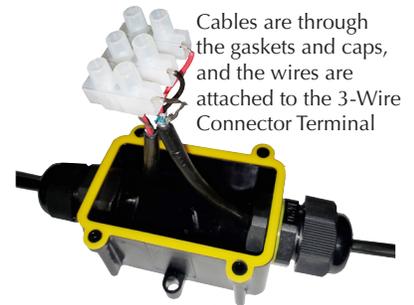


Step 1: Disassemble the Splice Box and...

Unpackage the Epoxy

Step 2: Cable Prep

- 1) Find the nick or cut in the cable, move out a few inches from the left and right of it and cut out that section. Throw that away.
- 2) Carefully strip approximately 1-inch of the BLACK OUTER Cable, off both ends that now need to be spliced together, exposing the three wires within each.
- 3) Carefully strip approximately 3/8-inch of both the red and black wires to expose the bare wire within.



Step 3: Splicing the wires inside the Splice Box

- 4) Secure the cable jacket and wires within the "Cable Clinch Cap" and "Waterproof Ring Gasket" on both ends and into the Splice Box.
- 5) Attach the three (3) inner wires from the two ends: Red-to-Red, Black-to-Black, and the silver Shield-to-Shield in the white "Three-Wire Connector Terminal."
- 6) Gently pull the two cables outward to seat the "Three-Wire Connector Terminal" down onto the centering studs, and secure the "Three-Wire Connector Terminal."
- 7) Tighten the Waterproof Ring Gaskets, Internal Snap Rings and Cable Clinch Caps and Nuts



Step 4: Pour the Epoxy, Cure and Reassembly

- 8) Mix Epoxy and pour into the plastic cavity. The Epoxy must cover the "Three-Wire Connector Terminal" and the three wires within.
- 9) Allow Epoxy to cure (sit and solidify) for 3-4 hours. Make sure the Splice Box is flat for curing.
- 10) After the Epoxy has fully cured re-attach the "Sealing Cover" with the four Sealing Screws.
- 11) The Cable and Splice Box are now ready to be buried 6"-8" deep.
- 12) **Please remember: Mier always recommends burying the Cable within PVC.**

