

Advantage Plus INDOT Anti-Ice Harness Installation

1. A new hole will need to be cut in the back of the enclosure to accommodate the wires that will need to run into the valve tank enclosure. See the picture to where we drilled out into the backing plate in the enclosure. The hole needed for the strain relief is 7/8". After drilling the hole install the provided strain relief.
2. Next begin routing the provided cable. It may be easiest to start at the back of the truck. The cable should be routed along the driver side frame rail.
3. When you reach the front of the bed just before the cab the cable should be at the branch in the "Y".
4. Route the branch with 4 wires (Black, Red, Green, and Yellow) to the main tank enclosure on the driver's side of the vehicle through the hole drilled in step 1.
5. Connect the Red to the Power stud and the black to the power stud. Use the supplied hardware to make these connections.
6. Locate the 2 pin Weather Pack connector. It should be located in the wire bundle on the top of the manifold toward the back. Crimp the Green and Yellow wires with the provided pins. Connect the yellow wire to socket A and the green wire to socket B in the provided connector.
7. After making the required connections in the main enclosure route the branch with 3 wires (Brown, White, and Pink/Green) to the Pre-Wet enclosure located on the passenger side of the vehicle. Route these wires through the existing strain relief.
8. Once the wires are inside of the enclosure crimp the provided Deutsch pins to each of the 3 wires.
9. Insert the wires into the harness with the white wire going to Socket A, the Brown wire going to Socket B, and the Pink/Green wire going to Socket C. These wires should line up with the same colors wire on the module inside the enclosure.
10. Install the Orange wedge lock and connect it to the 3 Pin connector already in the enclosure.

