

INSTALLATION INSTRUCTIONS

When replacing the vehicle-side snowplow control connector with the snowplow attached to the vehicle:

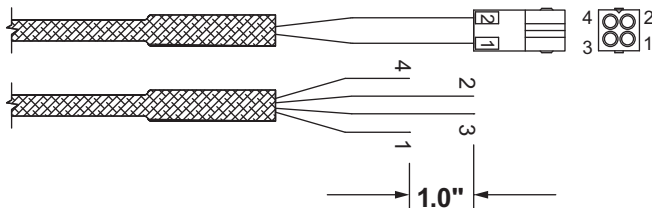
1. Disconnect the snowplow lighting plugs at the front of the vehicle.
2. Remove the key from the ignition switch.
3. Disconnect the plow control from the vehicle control harness.

Connector Replacement

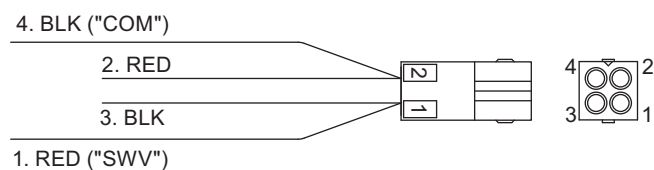
From the supplied kit, locate the heat shrink tubing and cut it into 1" lengths.

Locate the white 4-pin Molex vehicle-control harness connector in the cab of the vehicle.

1. Locate the red wire from connector cavity #1 (the wire marked "SWV"). Cut this wire 1" from the wire side of the connector.

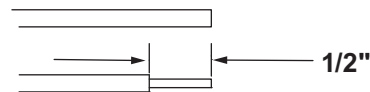


2. Locate the black wire from connector cavity #4 (the wire marked "COM"). Cut this wire 1" from the wire side of the connector.

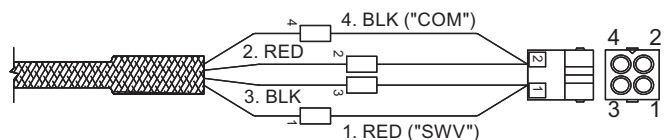


3. Locate the second red wire from connector cavity #2 (there are no markings on this wire). Cut this wire as close as possible to the wire side of the connector.
4. Locate the second black wire from connector cavity #3 (there are no markings on this wire). Cut this wire as close as possible to the wire side of the connector.
5. Discard the connector.
6. Remove the insulation slugs from the ends of the 4-pin replacement connector assembly.
7. Insert each wire end from the replacement connector assembly into a splice and crimp using an appropriate crimp tool. Use one splice per wire.

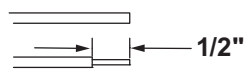
8. Place a 1" length of heat shrink tubing over the splice and the wire from the replacement connector assembly.
9. Remove 1/2" of wire insulation from the ends of the vehicle control harness wires cut earlier.



10. Insert the red wire marked "SWV" into the open end of the splice installed on the red wire marked "SWV" from the replacement connector and crimp the splice.



11. Insert the black wire marked "COM" into the open end of the splice installed on the black wire marked "COM" from the replacement connector and crimp the splice.
12. Insert the remaining red wire into the open end of the splice installed on the red wire from the replacement connector and crimp the splice.
13. Insert the remaining black wire into the open end of the splice installed on the black wire from the replacement connector and crimp the splice.
14. Slide the heat shrink tubing over the splice, covering the splice and wire. Using a heat source, shrink the tubing, sealing the splice and wire. Repeat for remaining connections.



Splice w/Heat Shrink Tubing

To verify the repair, plug in the plow control, reconnect the snowplow lighting plugs, and reinsert the vehicle key in the ignition. After checking to make sure that the area around the snowplow is clear, start the vehicle and check all of the snowplow functions.

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