

**DART – Insulate end of radio box wire #B2:220**



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**Property name and Top bus number:** DART 304500 – 306500 – 313000 – 314000.

**Issue:** Electrical wire #B2:220 on radio tray is not terminated or protected

**Reason/ cause:** This wire was provided for use by the customer for equipment to be installed on the radio tray. However, this wire was not used.

**Solution:** Add heat shrink to end of wire for protection



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**Number of buses affected:** All DART Lot A and B buses.

**Estimate repair hours/bus:** 15 min

**Engineering Documentation:** N14-37140

**Necessary parts:**

<b>Item</b>	<b>Description</b>	<b>PN</b>	<b>Qty</b>
01	1/8" heat shrink tubing	0774044	1 piece
02	wire ties	416.00.1401.916	as needed
03			
04			
05			
06			
07			
08			
09			
10			

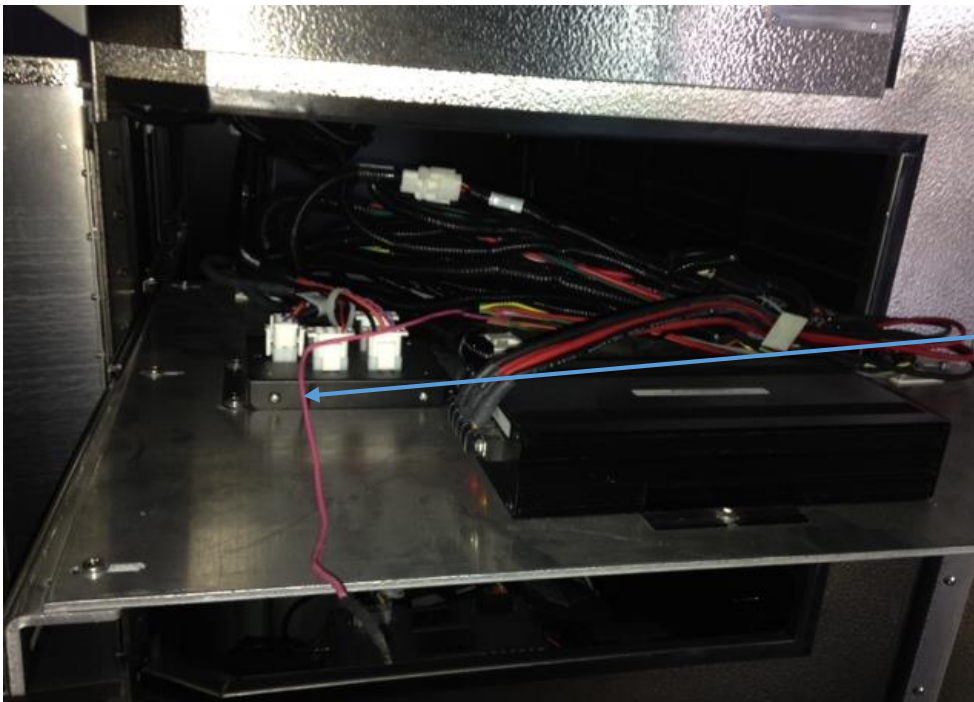
**Necessary tools:**

**Access key for radio locker**  
**Heat torch to shrink tubing**

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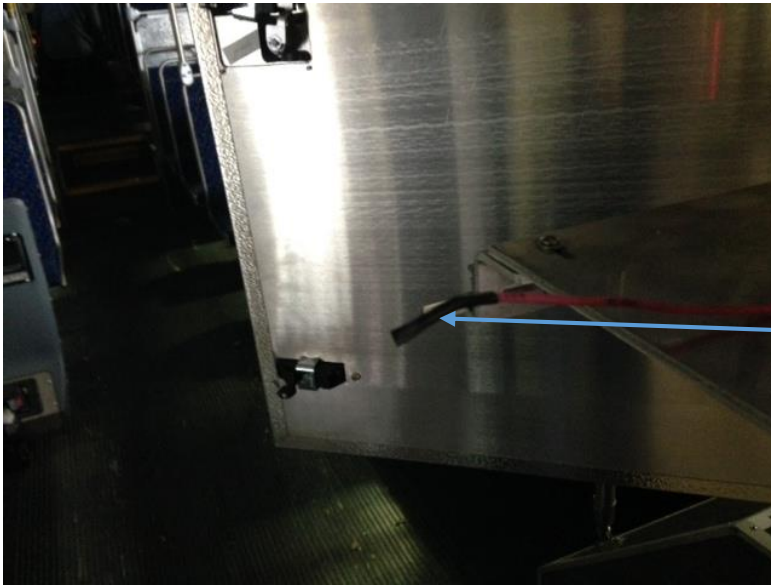
1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. Locate radio locker behind the driver.
4. In bottom half of radio locker pull out top tray and locate the wire B2:220 behind the radio equipment on the tray.



Wire B2:220  
to be insulated

5. Place  $\frac{3}{4}$ " piece heat shrink tubing over end of wire. Using heat torch shrink tubing so that it will not come off wire. Be sure while shrinking tubing that it will cover the end of wire once you are finished. Secure the wire to the harness with wire ties.

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Heat shrink tubing applied to wire

6. Check for completeness of work.
7. Remove all tools from working area.
8. Turn the main battery disconnect switch(es) on.