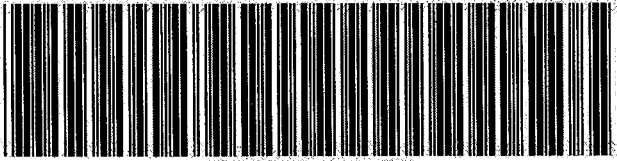


RECALL DOCUMENT



RCRIT-09V121-2603

Artemis # : 09V121000**Record Created Date :** 04-15-2009**Printed Date :** 05/15/2009**Mfr Name :** DAIMLER BUSES NORTH
CAROLINA**Description :** BLOWER MOTOR**Document Type :** Remedy Instructions and TSB

Print

Close

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Version 3.1.9



Driver Heater Inline Fuse Installation

Recall Number

National Traffic and Motor Vehicle Safety Number (NHTSA): NHTSA 09V-121.

Subject

SAFETY DEFECT: NYCTA Seat Heater Bus Bar

Certain Vehicles Affected

Models/Years Involved

- 2006-2009 NYCT Orders 1289 & 1325

General Information

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Daimler Buses North America (DBNA) has decided that a defect, which relates to motor vehicle safety, exists in some of its transit buses.

Defect

On certain transit buses equipped with NYCT Seat Heater the heater circuit short from an errant washer. The heater circuit is located in driver's barrier compartment.

Failure To Upgrade

A short circuit may fail causing a fire.

Cost To Remedy

Labor time to perform this work has been predetermined at 30 minutes modify and protect the circuit. Reimbursement for the parts and labor can be made on your claim for credit. See Claims for credit as required.

Record of Completion

Report the completion of this work for each vehicle and deliver to:

*Daimler Buses North America
Attention: Warranty Department
Mississauga, Ontario, Canada L5J 4T8
Fax: (905) 403-8800*

Claims for Credit

Reimbursements will be issued only after the record of completion report has been submitted to (DBNA) . Include the campaign number and the date the work was performed on the copy of the work order along with the claim form.

We are sorry to cause you this inconvenience, however, we have taken this action in the interest of your continued satisfaction with our products. If you have had this repair performed before you received this letter, you may be eligible to receive a reimbursement for the cost. Notify (DBNA) to obtain a pre-notification remedy to the problem associated with this recall.

In Case of Dispute

If, after contacting DCCBNA, at the location listed above, you are still unable to have the safety defect remedied, US residents may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590. Vehicle Safety Hotline's toll free number: 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Introduction

APPLICATION	ORION
1325 1289	

This procedure involves the installation of an inline fuse harness, neoprene foam to the driver heater relay assembly within the driver barrier.

TABLE 1-1 REQUIRED PARTS

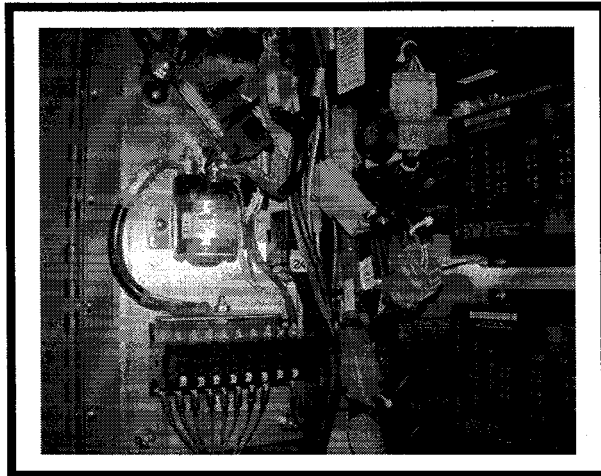
PART NUMBER	DESCRIPTION	QUANTITY
BS-4501107	5/16 WASHER	1
BS-2611574	HEATSHRINK	2 INCHES
071015038	100 AMP MEGA FUSE	1
081009516	1325 PROCEDURE INLINE FUSE HARNESS	1
081009517	1289 PROCEDURE INLINE FUSE HARNESS	1
BS-8400300	3M ADHESIVE TRANSFER TAPE	10 INCHES
BS-2600119	NEOPRENE FOAM	10 INCHES

Safety Precautions

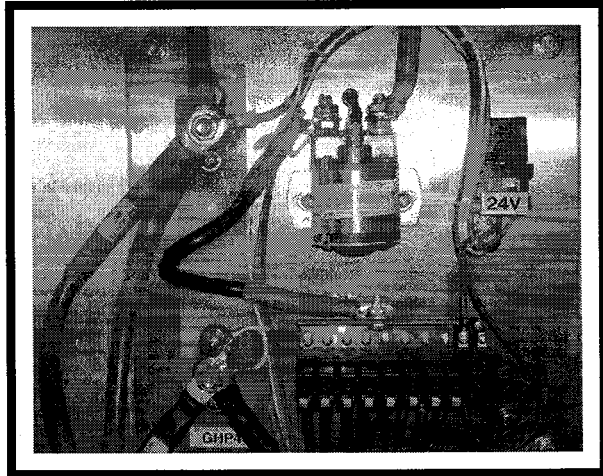
1. Follow workshop safety procedures before starting work on the bus.
2. Follow all safety procedures outlined in the Orion service manual.

Inspection

1. Turn the battery isolator switch to the OFF position.
2. Open the driver barrier electrical door.



1325 BUS



1289 BUS

Figure 1-1

 NOTE

Inspect the area behind and also on the bus bar. Remove any debris or foreign objects.

3. Inspect heater relay assembly:
 - a. If installed on a 1325 bus, See “Procedure for a 1325 Bus” on page 5.
 - b. If installed on a 1289 bus, See “Procedure for a 1289 Bus” on page 9.

Procedure for a 1325 Bus

Removal

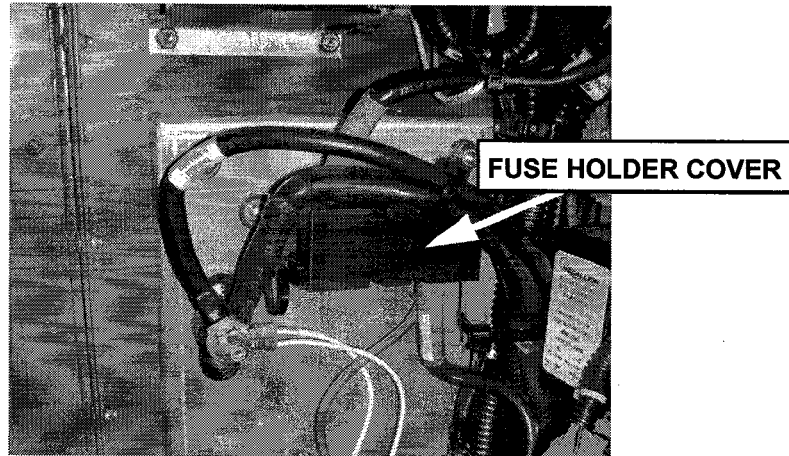


Figure 1-2 Fuse Holder Cover

1. Open the cover from the fuse holder. See **Figure 1-2**

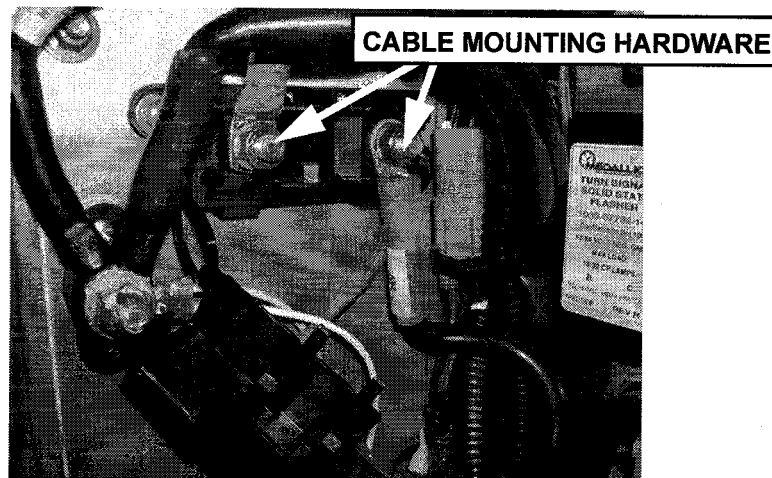


Figure 1-3 Cable Mounting Hardware

2. Remove the cable mounting hardware. See **Figure 1-3**

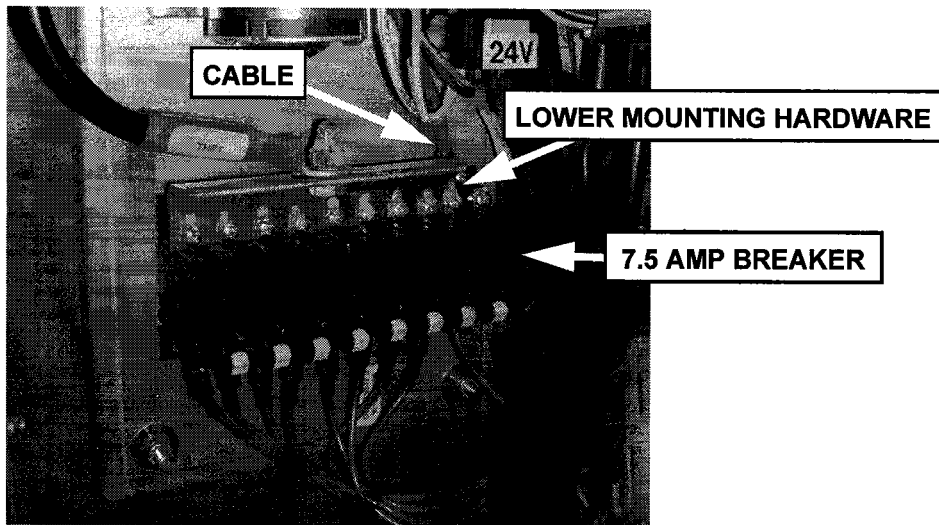


Figure 1-4 24V Breaker Bar Mounting Hardware

3. Remove the lower mounting hardware from the breaker bar. See **Figure 1-4**
4. Remove the cable. See **Figure 1-4**
5. Remove the 7.5 AMP breaker from mounting position. Retain for installation. See **Figure 1-4**

Installation

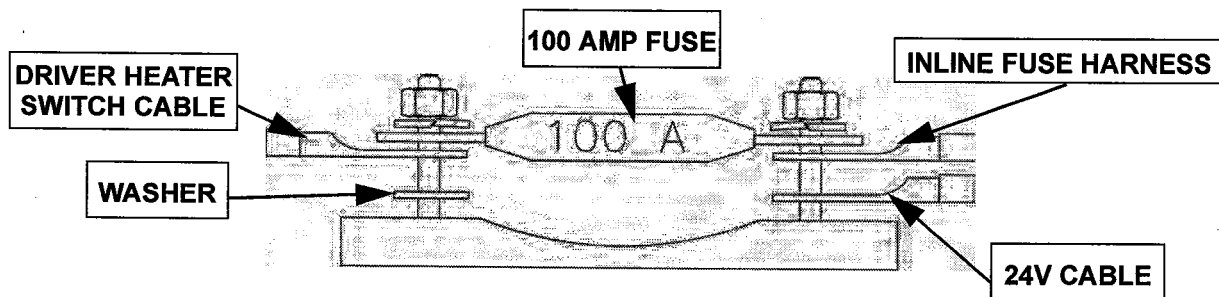


Figure 1-5 Fuse Mounting Hardware Stackup

1. Install washer **BS-4501107** to the left terminal post of fuse holder. See **Figure 1-5**
2. Install the 24V cable to the right terminal post of fuse holder. See **Figure 1-5**
3. Install inline fuse harness **081009516** to the right terminal post of fuse holder. See **Figure 1-5**
4. Install driver heater switch cable to the left terminal post of fuse holder. See **Figure 1-5**
5. Install the 100 AMP fuse **071015038** to the fuse holder. See **Figure 1-5**

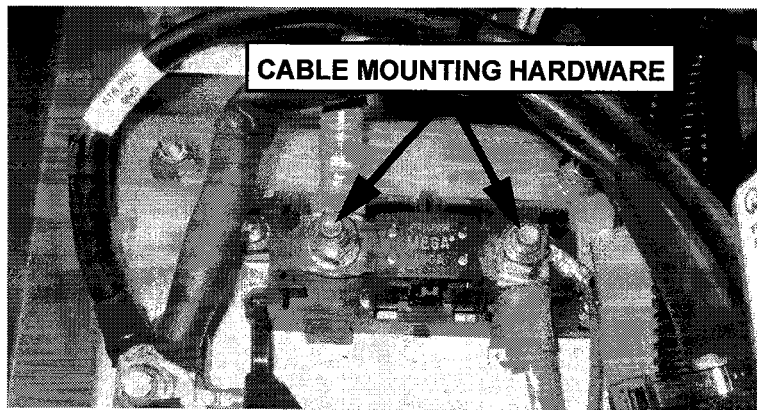


Figure 1-6 Cable Mounting Hardware

6. Secure cable mounting hardware. Torque to 125 in-lbs. See **Figure 1-6**
7. Apply torque stripe to cable mounting hardware.
8. Close the cover for the fuse holder.

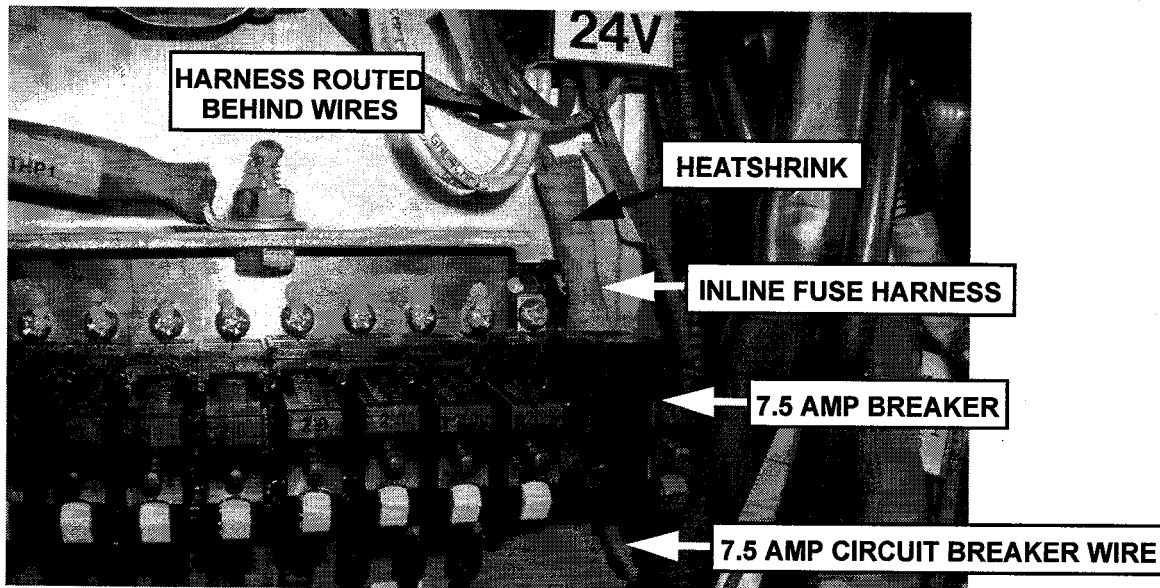


Figure 1-7

9. Route inline fuse harness **081009516** to the breaker bar. See **Figure 1-7**

 NOTE

Ensure inline fuse harness **081009516** is routed behind all wires. See **Figure 1-7**

10. Add two inches of heatshrink **BS-2611574** over the end of inline fuse harness **081009516**. See **Figure 1-7**

 NOTE

Do not apply heat to heat shrink.

11. Install inline fuse harness **081009516** to the right most position of breaker bar. Torque mounting hardware to 12 in-lbs. Apply torque stripe. See **Figure 1-7**
12. Slide the heat shrink **BS-2611574** over the inline fuse harness ring and harness mounting hardware. Apply heat to heatshrink using a heat gun.
13. Install 7.5 AMP circuit breaker to the right most position of breaker bar. See **Figure 1-7**
14. Install the lower 7.5 amp circuit breaker wire to the right most position of circuit breaker mounting area. See **Figure 1-7**

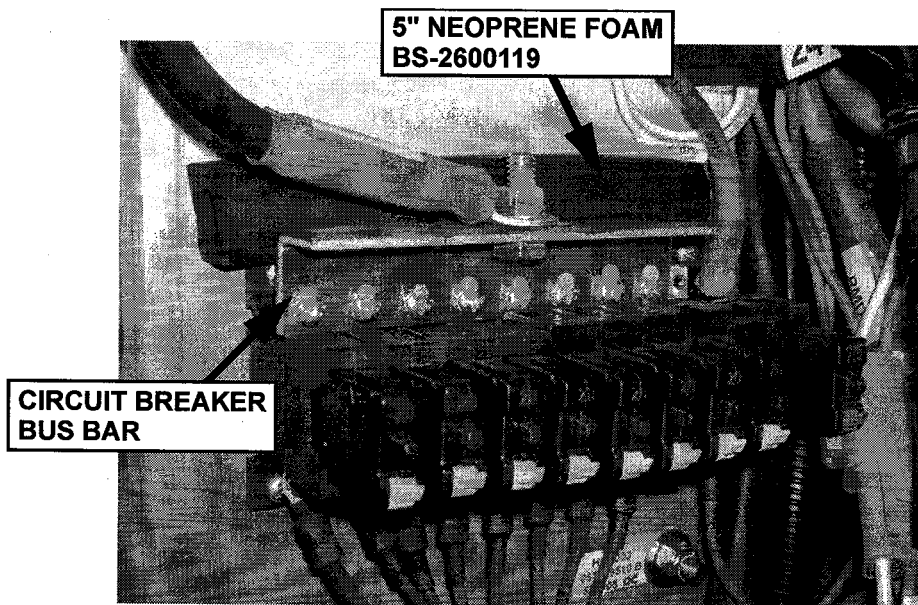


Figure 1-8 Neoprene Installation

15. Clean neoprene foam mounting surface. Allow area to dry completely. See **Figure 1-8**
16. Apply five inches of 3M adhesive transfer tape **BS-8400300** to five inches of neoprene foam **BS-2600119**.
17. Install neoprene foam behind the circuit breaker bus bar. See **Figure 1-8**
18. Close the driver barrier electrical door.
19. Turn the battery isolator switch to the ON position.
20. Test operation of driver heater for proper function.

Procedure for a 1289 Bus

Removal

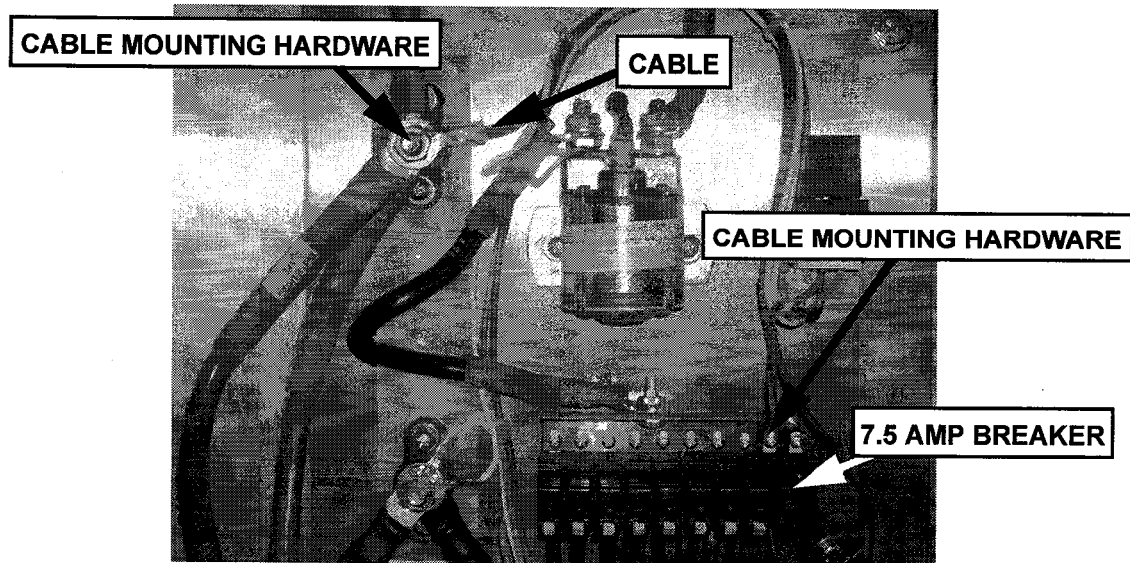


Figure 1-9 Cable Mounting Hardware

1. Remove the cable mounting hardware. See **Figure 1-9**
2. Remove the lower mounting hardware from the breaker bar. See **Figure 1-9**
3. Remove the cable. See **Figure 1-9**
4. Remove the 7.5 AMP breaker from mounting position. Retain for installation. See **Figure 1-9**

Installation

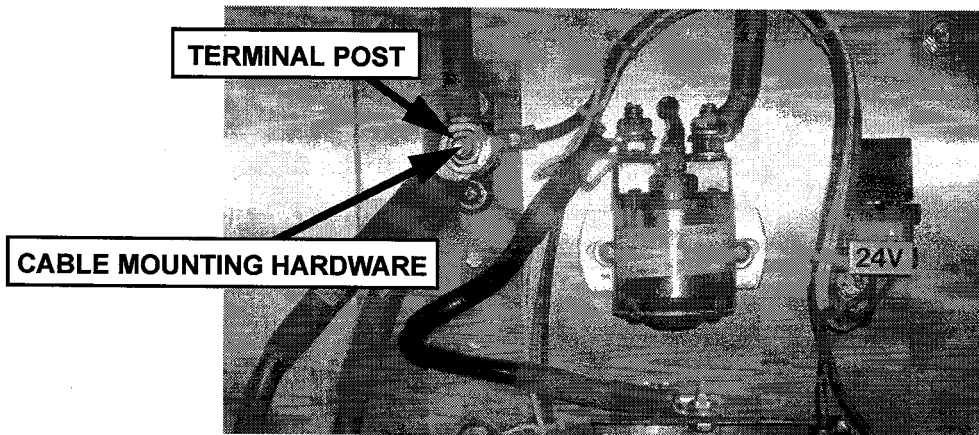


Figure 1-10

1. Install inline fuse harness **081009517** to the terminal post. See **Figure 1-10**
2. Secure cable mounting hardware. Torque to 125 in-lbs. See **Figure 1-10**
3. Apply torque stripe to cable mounting hardware.

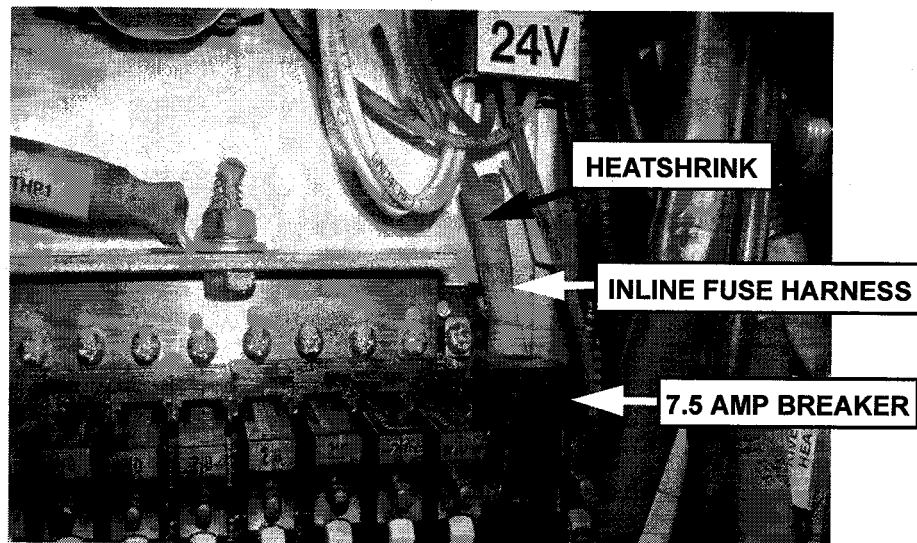


Figure 1-11 Inline Fuse Harness (Reference Photo)

4. Route inline fuse harness **081009517** to the breaker bar. See **Figure 1-11**

 NOTE

Ensure inline fuse harness **081009517** is routed behind all wires.

5. Add two inches of heatshrink BS-2611574 over the end of inline fuse harness 081009516. See **Figure 1-11**

 NOTE

Do not apply heat to heat shrink.

6. Install inline fuse harness **081009517** to the right most position of breaker bar. Torque mounting hardware to 12 in-lbs. See **Figure 1-11**
7. Slide the heat shrink **BS-2611574** over the inline fuse harness ring and harness mounting hardware. Apply heat to heatshrink using a heat gun.
8. Install 7.5 AMP circuit breaker to the right most position of breaker bar. See **Figure 1-11**

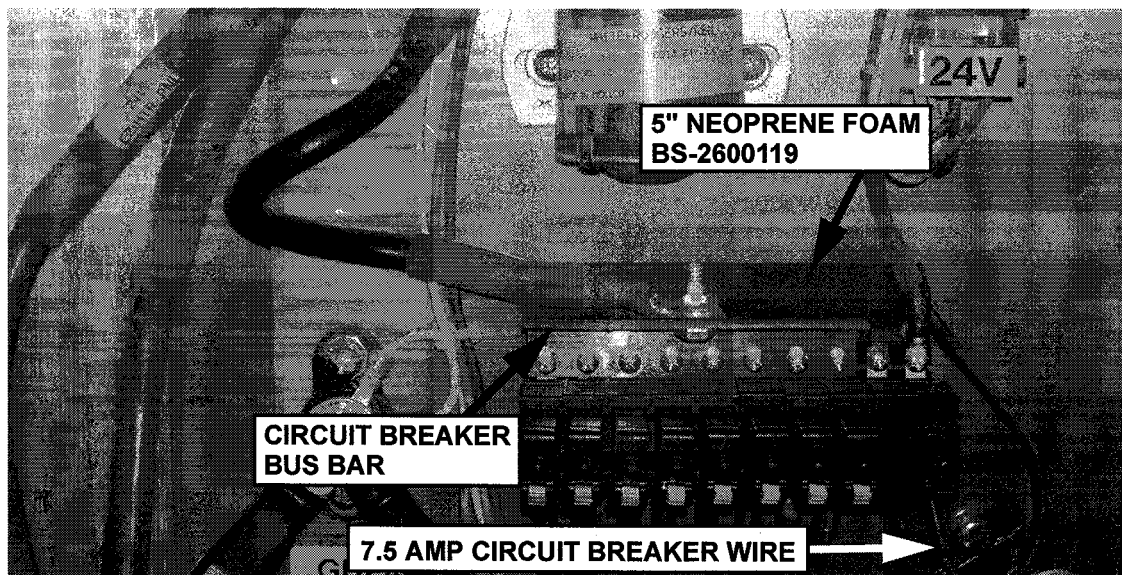


Figure 1-12 Neoprene Installation

9. Install the lower 7.5 amp circuit breaker wire to the right most position of circuit breaker mounting area. See **Figure 1-12**
10. Clean neoprene foam mounting surface. Allow area to dry completely. See **Figure 1-12**
11. Apply five inches of 3M adhesive transfer tape **BS-8400300** to five inches of neoprene foam **BS-2600119**.
12. Install neoprene foam behind the circuit breaker bus bar. See **Figure 1-12**
13. Close the driver barrier electrical door.
14. Turn the battery isolator switch to the ON position.
15. Test operation of driver heater for proper function.