



Number: FS-2016-03

Date: September 8, 2016

Model: **All BRT Buses With Wipers That Fail To Park**

Approved: 

Robert L. Birdwell, Executive Director
Quality Control & Field Service

Subject: Front BRT Wipers That Fail To Properly Park After Operation

Gillig has found that some specific BRT buses have front windshield wipers that may not 'park' properly after operation.

We will provide a list of specific VINs that are subject to this Field Service Bulletin.

If a bus in on the list and the front wipers properly park after operation, we'll provide instructions for a small harness modification that will prevent the issue from occurring. If the wipers don't properly park, we'll provide a replacement windshield wiper motor that will need to be installed along with the harness modification.

SERVICE BULLETIN

RLB:rlb

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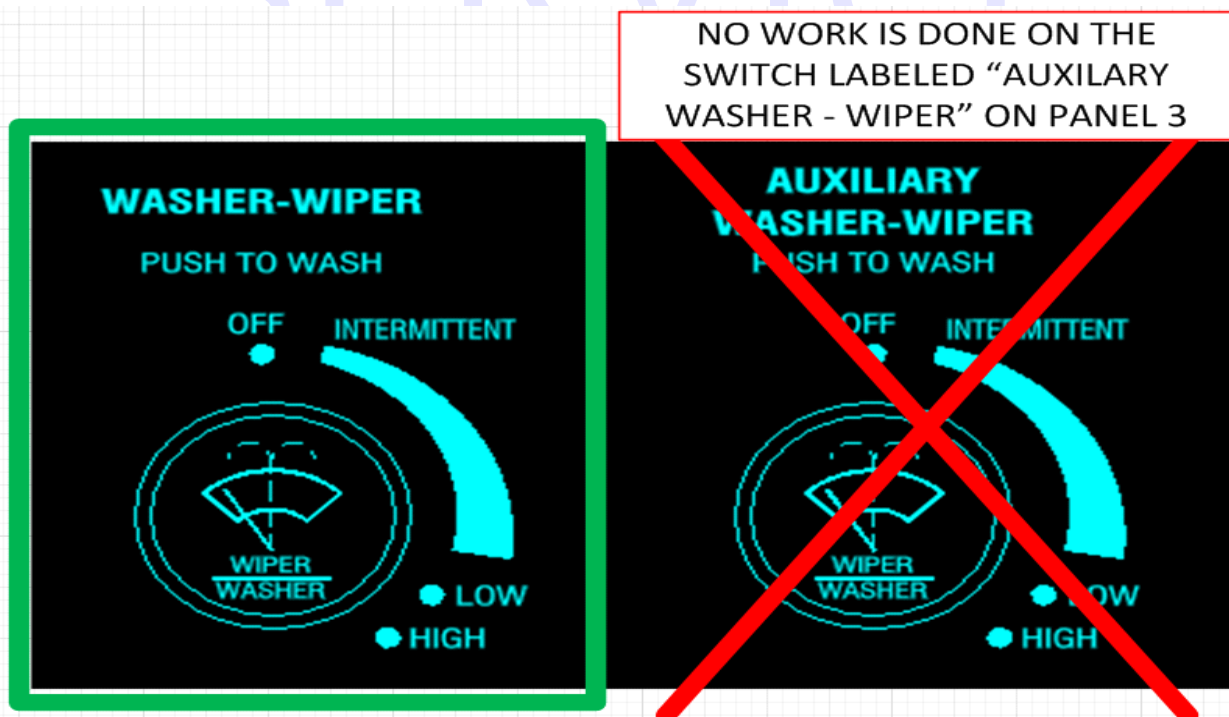
Front BRT Wipers That Fail to Properly Park After Operation Harness Fix

1. Remove dash panel 2 and dash panel 3.
2. Locate the CON 254.
 - a. CON 254 will be connected to CON FRTM2D.
3. Locate CON 253.
 - a. CON 253 will be connected to CON FRTM1D.

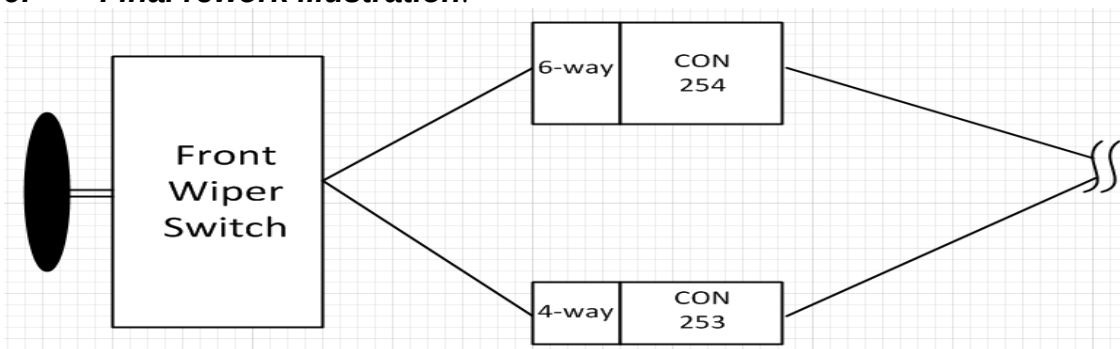


4. Disconnect CON 254 from CON FRTM2D.
 - a. CON FRTM2D is left disconnected. Secure CON FRTM2D to prevent any free swinging of the connector. The use of a tie strap is sufficient.
5. Disconnect CON 253 from CON FRTM1D.
 - a. CON FRTM1D is left disconnected. Secure CON FRTM1D to prevent any free swinging of the connector. The use of a tie strap is sufficient.
6. Locate the front wiper switch on dash panel 3.
 - a. The front wiper switch is labeled as "WASHER - WIPER" (see below)

*****IT IS CRITICAL THAT THE CORRECT WIPER SWITCH IS WORKED ON *****



- b. **Disconnect CON FRTM1S from the 4-way connector of the front wiper switch.**
 - i. **CON FRTM1S is left disconnected. Secure CON FRTM1S to prevent any free swinging of the connector. The use of a tie strap is sufficient.**
 - c. **Disconnect CON FRTM2S from the 6-way connector of the wiper switch.**
 - i. **CON FRTM2S is left disconnected. Secure CON FRTM2S to prevent any free swinging of the connector. The use of a tie strap is sufficient.**
7. **From Step 4, connect CON 254 to the 6-way connector of the FRONT wiper switch.**
8. **From Step 5, connect CON 253 to the 4-way connector of the FRONT wiper switch.**
9. **Final rework illustration:**



TEST THE WIPER SYSTEM – Make sure that ALL wiper systems function properly.
