



INSTRUCTION TO SERVICE

| ITS: 6706 | |
|--------------------|---------------------------------|
| SECTION: | 231 Cooling System |
| WRITTEN BY: | Alan Mark |
| SUBJECT: | Rewire cooling fill mode switch |

ITS6706

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PROCEDURE:

1. Turn the main battery disconnect switch to the "OFF" position.

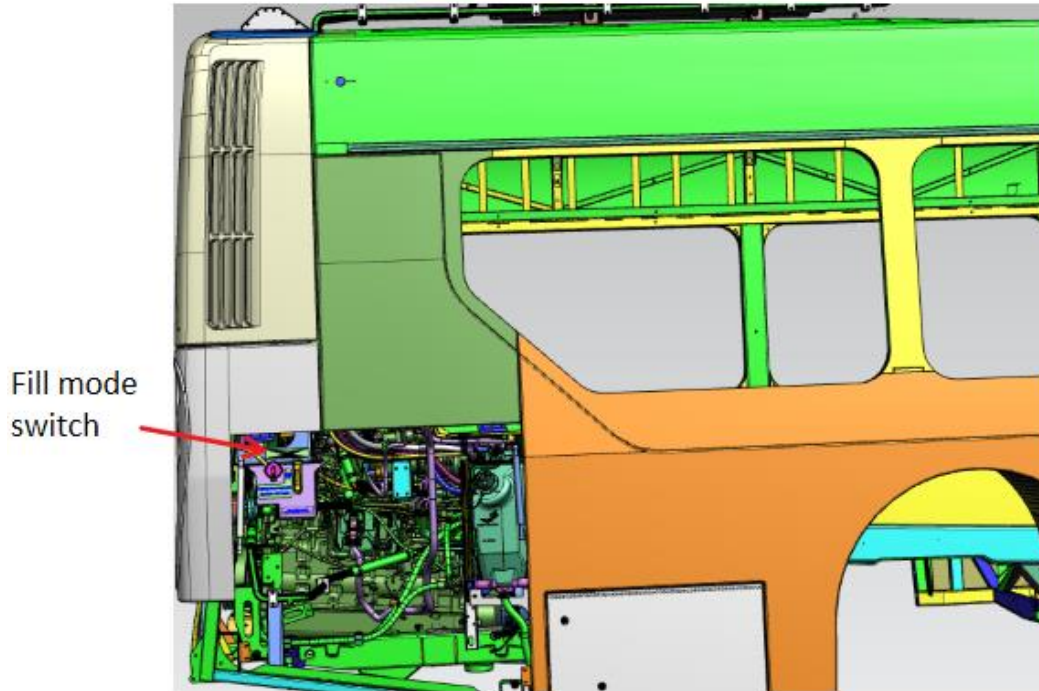


Figure 1: Fill mode switch location

2. Locate and gain access to the coolant fill mode switch on the curb side of the bus.

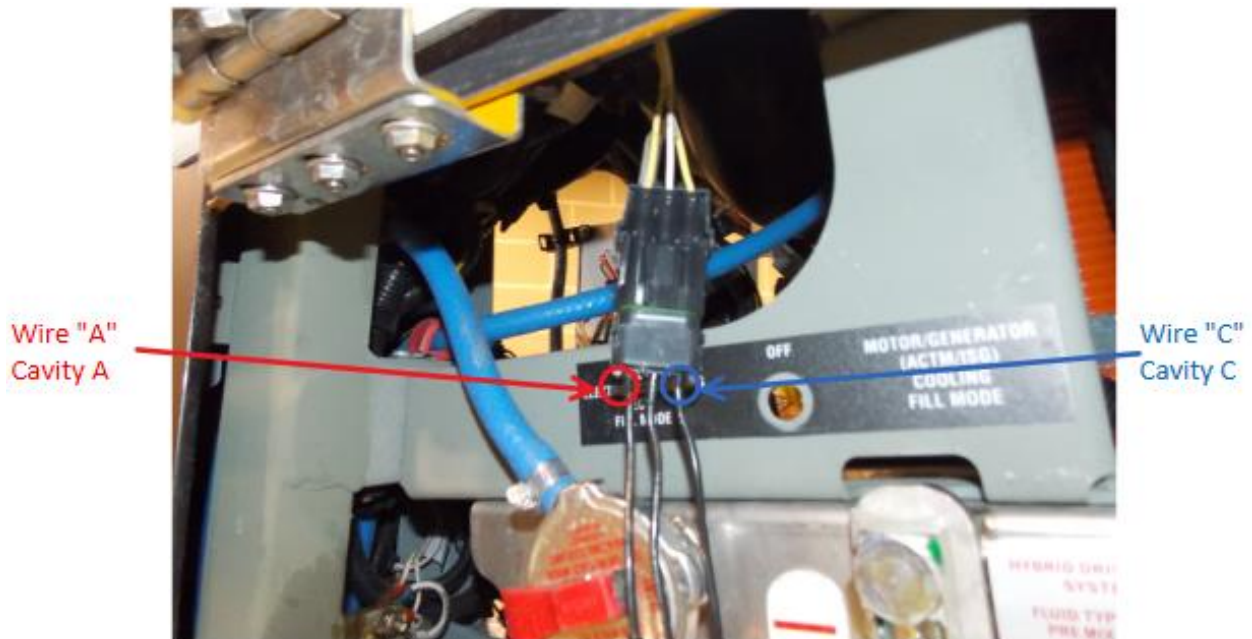


Figure 2: Fill mode switch location

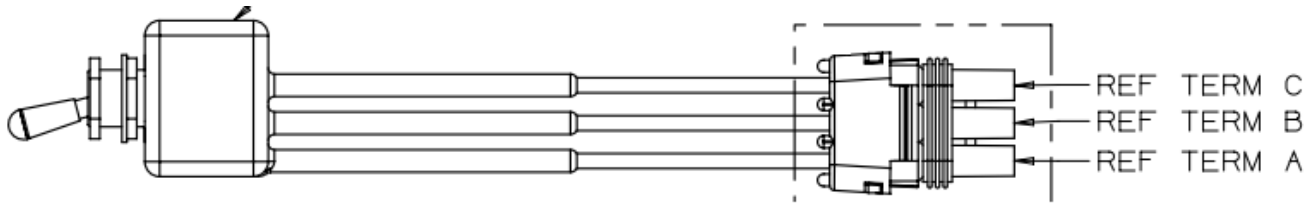


Figure 3: Updated switch wiring

3. Locate the wire connected to the fill mode switch. Refer to Figure 2.
 - a. Label the wires inserted into cavity A and cavity C.
 - b. Disconnect the tower from the shroud.
 - c. Remove the wires from cavity A and C. Use a Delphi extraction tool (P/N: 121167)
 - d. Insert the two wires into the opposite cavity such that wire A is now in cavity C and wire C is now in cavity A. Figure 3 displays the updated wiring
4. Test the functionality of the switch by turning the switch towards the keyway. There should be continuity between terminals B & C.
5. Turn the switch away from the keyway, there should be continuity between terminals A & B.
6. Remove all tools and debris and return the bus to service condition.
7. Turn the main battery disconnect switch to the "ON" position.

LABOUR ESTIMATE

| | Operation | Men | Hours | Labour Time M X HR |
|---|---------------------------------|-----|-------|-----------------------|
| 1 | Rewire cooling fill mode switch | 1.0 | 0.25 | 0.25 |

SPECIAL TOOLS REQUIRED

| Item | Part Number | Description | Qty. per Coach | Units | Notes |
|------|-------------|-----------------------------|----------------------|-------|-------|
| 1 | 121167 | EXTRACTOR PIN YELLOW HANDLE | 1.0 | EA | |