



# INSTRUCTION TO SERVICE

ITS: 60641		3/6/2023
<b>SECTION:</b>	304-Paint & Decals	
<b>WRITTEN BY:</b>	Michel d'Auteuil	
<b>SUBJECT:</b>	Change ESS Coolant Decals out	
<b>ISSUE:</b>	ESS coolant decals unclear, leads to improper coolant fill procedure being followed	
<b>SUMMARY:</b>	Replace ESS coolant decals with new, more clear ones	

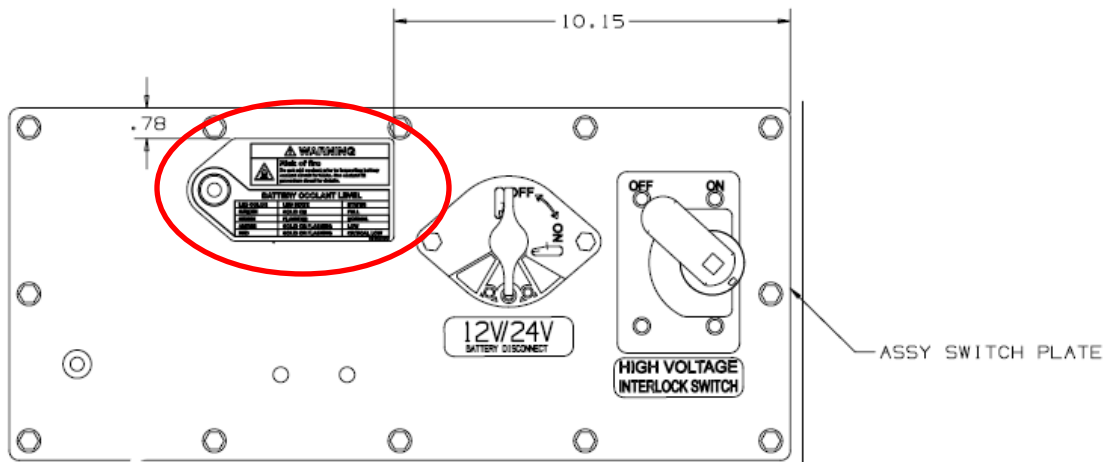
# ITS60641

Ref. NHTSA Recall No.	Ref. Transport Canada Recall No.
Not Applicable	Not Applicable

**THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.**

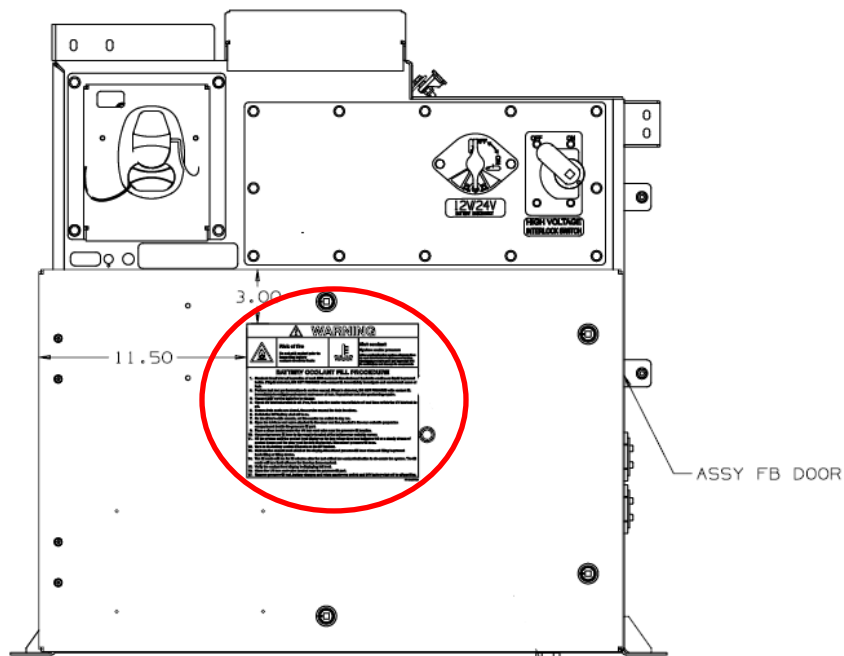
**PROCEDURE:**

1. Set park brake and chock wheels.
2. Turn the main battery disconnect switch to the “OFF” position.
3. Gain access to the low voltage fuse box on the rear curbside of the bus.
4. Locate the existing decal next to the main battery disconnect switch shown in Figure 1.



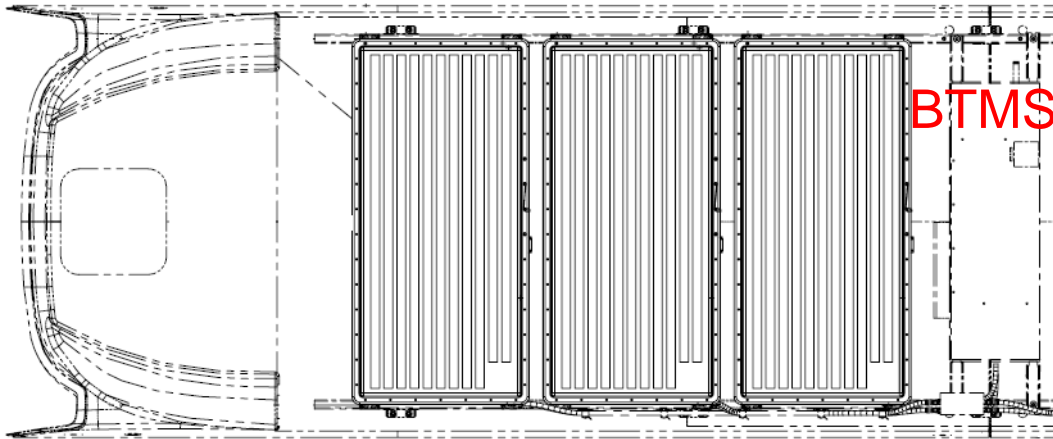
**Figure 1: View of Switch Plate Assembly**

5. Remove this decal and clean the area with isopropyl alcohol, PN 23-05-0005.
6. Apply newly supplied decal PN 1013621 using adhesive PN 170962 in the location shown in Figure 1.
7. Locate the decal on the fusebox door assembly shown in Figure 2.



**Figure 2: View of Fusebox Door with Decal**

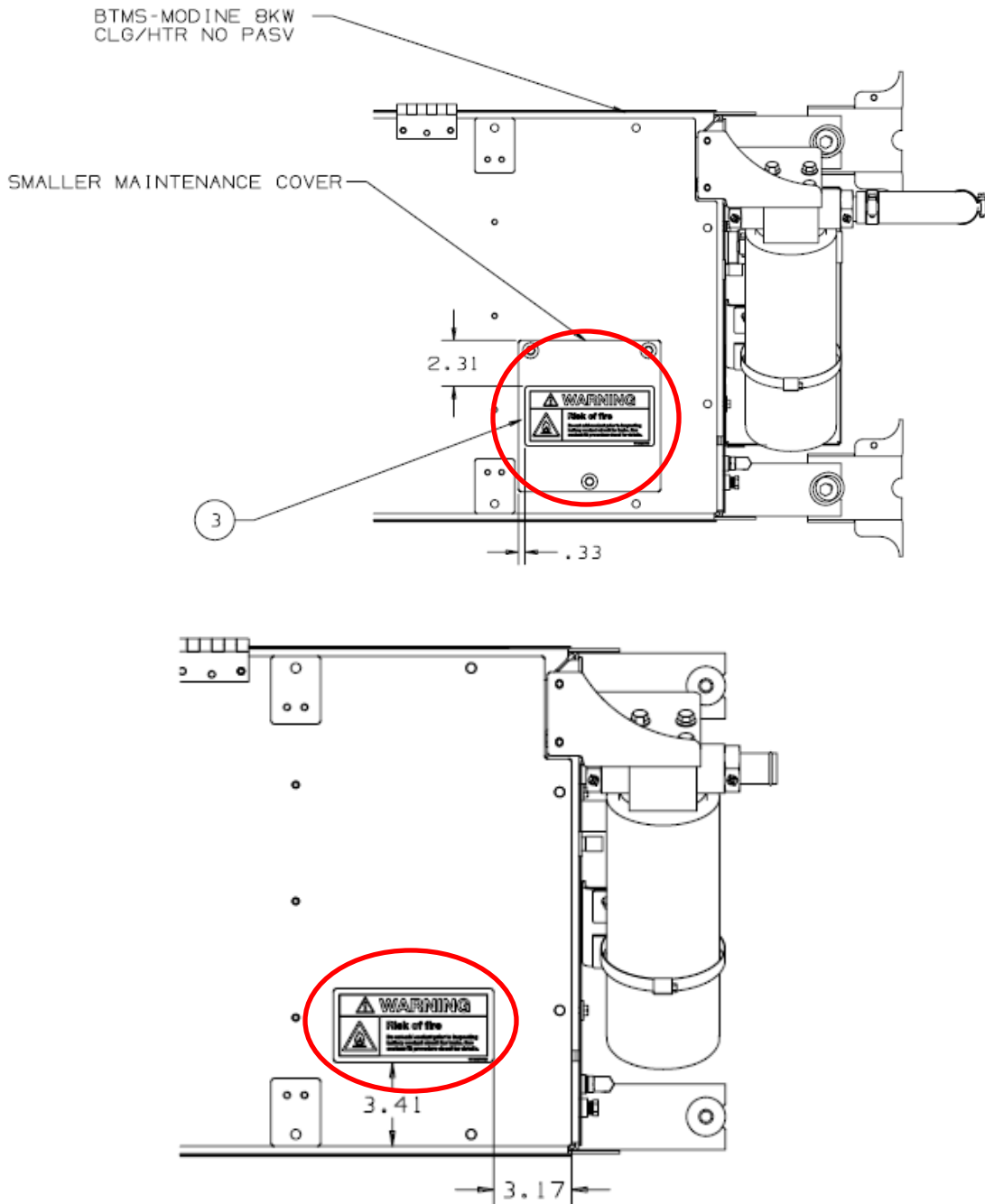
8. Remove this decal and clean the area with isopropyl alcohol, PN 23-05-0005.
9. Apply newly supplied decal PN 1013620 using adhesive PN 170962 in the location shown in Figure 2.
10. Gain access to the BTMS unit located on the roof of the bus. Reference Figure 3 for details.



**Figure 3: Upper ESS Layout Showing BTMS**

**NOTE:** Some older BTMS units lack a small maintenance cover while the current ones have a maintenance cover with a dedicated spot for a decal. The following step will show images of the two styles, small maintenance cover on the top, lack of small maintenance cover on the bottom. For the style with a small maintenance cover, a previous decal will need to be removed and cleaned with PN 23-05-0005

11. At the location on the BTMS assembly shown in Figure 4, apply supplied decal 1013826 using adhesive PN 170962.



**Figure 4: BTMS With Smaller Maintenance Cover (Top) and no Small Maintenance Cover (Bottom)**

12. Close and clean any opened compartments.



<b>LABOUR ESTIMATE</b>				
	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Replace ESS coolant decals	1	1	1

<b>PARTS REQUIRED</b>					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	1013621	DECAL-BATTERY COOLANT LEVEL	1	EA	Part of ITS Kit 6494832
2	1013620	DECAL-BATTERY COOLANT FILL PROCEDURE	1	EA	Part of ITS Kit 6494832
3	1013826	DECAL-BATTERY COOLANT ADD WARNING	1	EA	Part of ITS Kit 6494832
4	23-05-0005	ALCOHOL - ISOPROPYL	0.001	OZ	Part of ITS Kit 6494832
5	170962	ADHESIVE-SPRAY 77	0.100	EA	Part of ITS Kit 6494832