



## INSTRUCTION TO SERVICE

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| <b>ITS: 58708</b>  |   |
| <b>SECTION:</b>    | 219 Engine and Transmission                     |
| <b>WRITTEN BY:</b> | Mike Pearson                                    |
| <b>SUBJECT:</b>    | Inspect and Reorient DEF Tank Strap, if needed. |

# ITS58708

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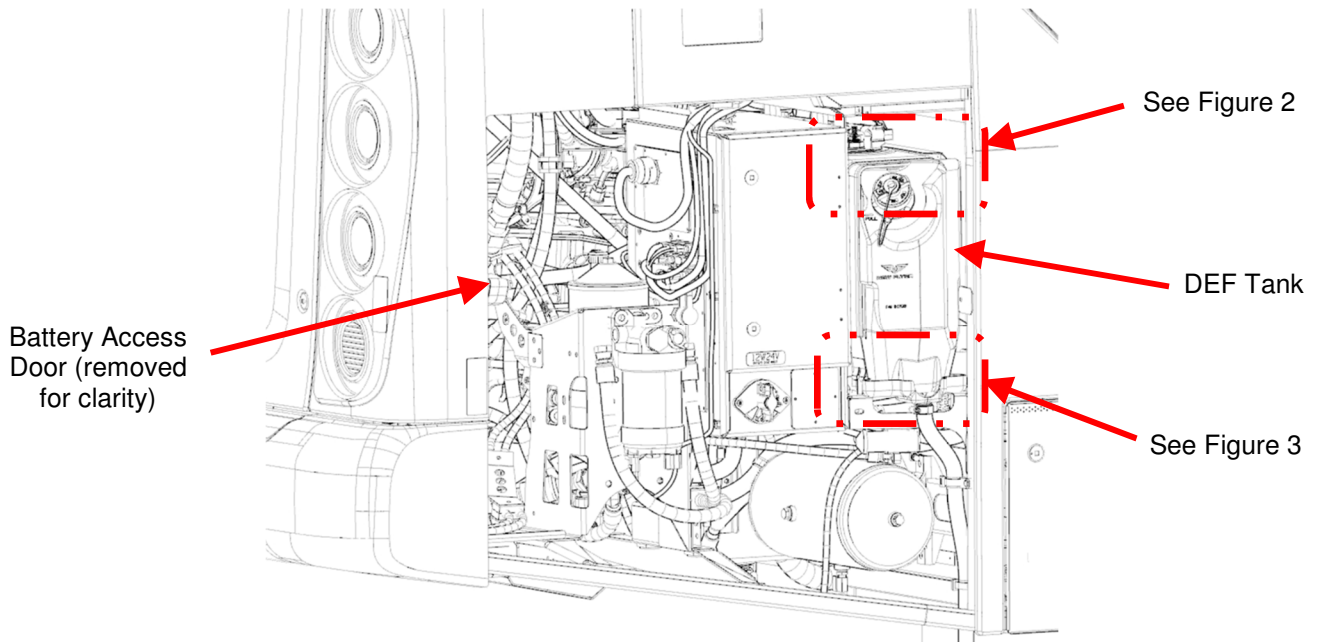
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**NEW FLYER**

**PROCEDURE:**

1. Turn the main battery disconnect switch to the “OFF” position.
2. Open the Battery Access Door and locate the DEF tank support strap as shown in Figure 1.



**Figure 1: DEF Tank Location, Battery Access Door (removed for clarity)**

3. Inspect the existing DEF tank strap and compare the installation to the examples shown in Figure 2, if the strap is installed correctly with the rubber flanges on the outside then go to Step 7. If the strap is installed incorrectly with the rubber flanges resting against the tank, then it will need to be corrected.



**Incorrect Strap Orientation**



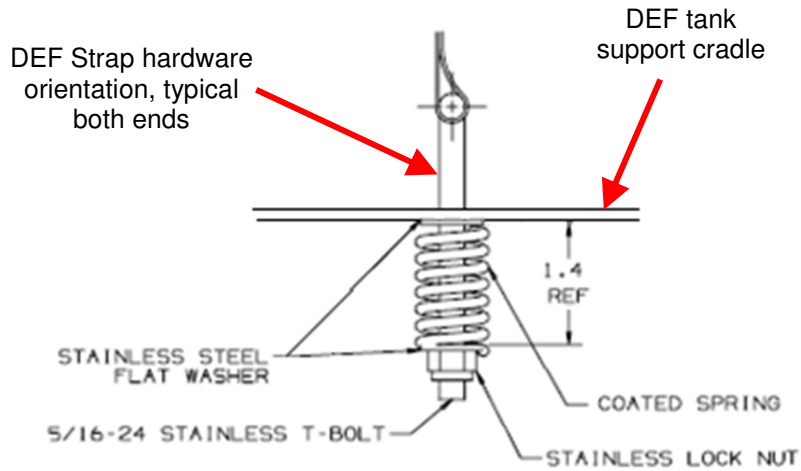
**Correct Strap Orientation**

**Figure 2: Incorrect/Correct DEF Tank Strap Orientation**



# NEW FLYER

4. Remove and save the existing washer (x2), spring and nut from both ends of the strap and remove the strap.
5. Remove the rubber channel installed on the strap and reverse the orientation so the short flanges are located away from the tank when re-installed. Only the rubber channel is to be removed, the orientation on the strap is to remain as removed, see Figure 2 for reference.
6. Using the existing hardware removed in Step 4 reinstall the strap on the DEF tank in the same location and orientation as was removed. Tighten the nuts until the springs compress to 1.4", do not over tighten the strap. See Figure 3 for strap hardware orientation.



**Figure 3: Correct DEF Strap Hardware Orientation/Installation, typical both ends**

7. Remove all tools and debris and return the bus to service condition
8. Turn the main battery disconnect switch to the "ON" position.

| LABOUR ESTIMATE |   |     |       |                       |
|-----------------|---|-----|-------|-----------------------|
|                 | Operation                                       | Men | Hours | Labour Time<br>M X HR |
| 1               | Inspect and Reorient DEF Tank Strap, if needed. | 1   | 0.50  | 0.50                  |

No parts needed for DEF Tank strap reorientation.