

# PREVOST

## WARRANTY BULLETIN

**WB24-18**

DATE :	June 2024	SECTION :	03 FUEL
EXPIRATION:	June 2026		
SUBJECT :	FUEL TANK INSPECTION		

First Release

06-19-2024

### APPLICATION

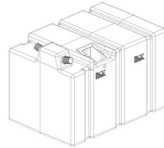


<b>NOTICE TO SERVICE CENTERS</b>	
Model	VIN
<p style="font-size: small;">Verify vehicle eligibility by checking warranty bulletin status with <b>SAP</b> or via <b>ONLINE WARRANTY SYSTEM</b> available on Service / Warranty tab of Prevost website.</p>	
X3-45 VIP commercial use Model Year: 2024	2PCCS3496RC736934, 2PCCS349XRC736936, 2PCCS3493RC736938, 2PCCS3491RC736940, 2PCCS3495RC736942, 2PCCS3499RC736944, 2PCCS3492RC736946, 2PCCS3494RC736950
X3-45 coaches Model Year: 2023 - 2024	2PCG33493PC736935, 2PCG33493RC736937, 2PCG33497RC736939, 2PCG33495RC736941
H3-45 VIP motorhomes Model Year: 2024	2PCVS3492RC721677
H3-45 coaches Model Year: 2024	2PCH33490RC721672
<p style="font-size: x-small;">This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</p>	

### DESCRIPTION

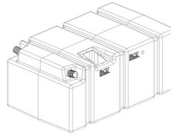


On the vehicles affected by this bulletin, proceed with the fuel tank inspection as described in page 5. If a leakage is detected, order the appropriate kit and replace the fuel tank.

**MATERIAL**

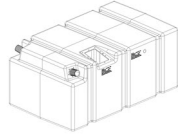


Order kit **WB24-18-1** that may be required if a leakage is detected after inspection, for **H3-45 coaches and H3-45 VIP**.

Part No	Description		Qty
030007	FUEL TANK H		1
500811	NUT HEX STO N500 M12-1.75 G10		6
504793	RIVET MNB SS 3/16		8

Order kit **WB24-18-2** that may be required if a leakage is detected after inspection, for **X3-45 coaches**.

Part No	Description		Qty
030013	FUEL TANK X		1
500811	NUT HEX STO N500 M12-1.75 G10		6
504637	CABLE TIE, NYLON BLACK (STD)		1

Order kit **WB24-18-3** that may be required if a leakage is detected after inspection, for **X3-45 VIP commercial use**.

Part No	Description	Qty
030012	FUEL TANK W 	1
500811	NUT HEX STO N500 M12-1.75 G10 	6
504637	CABLE TIE, NYLON BLACK (STD) 	2

Other parts that may be required. **Note that these parts are not covered by this bulletin:**

Part No.	Description	Qty
680038	LOCTITE 243 50 ML	AR
680532	SIKAFLEX 221 GREY	AR
680098	LOCTITE 567 TEFLON 250ML	AR

***NOTE***

*Material can be obtained through regular channels.*

## SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



# Safety First!



## PROCEDURE



### DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On the Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Lockout & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

## FUEL TANK INSPECTION

1. Lift the vehicle and locate the fuel tank assembly.

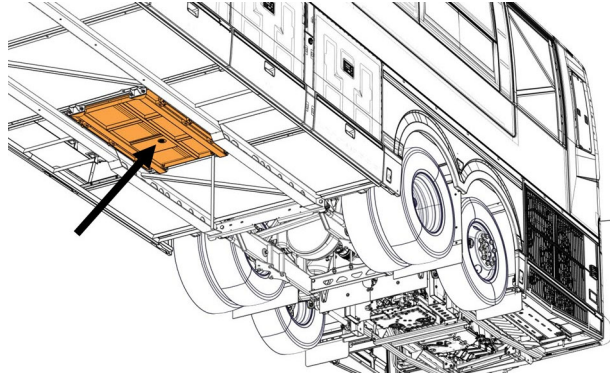


Figure 1: Fuel tank assembly location for H3-45 and H3-45 VIP

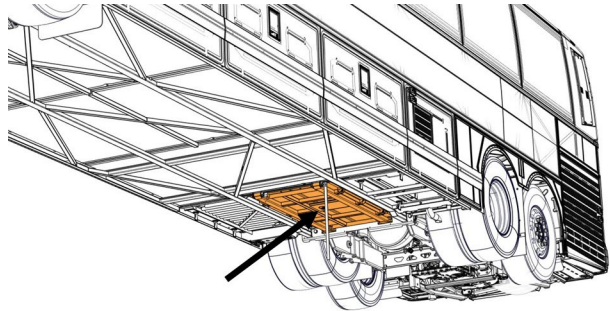


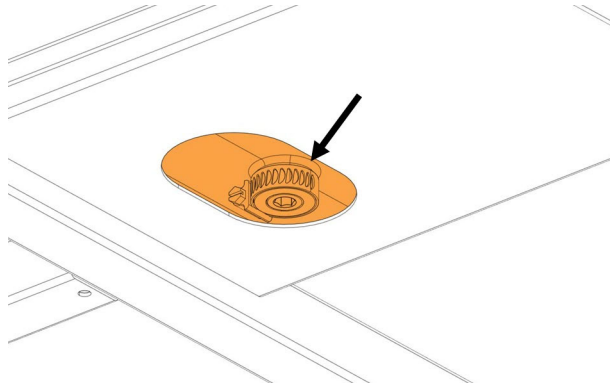
Figure 2: Fuel tank assembly location for X3-45 and X3-45 VIP commercial use

2. Carefully inspect the fuel tank drain plug accessible from under the vehicle for leaks.
  - If leakage is detected, lower the vehicle, and go to fuel tank replacement section.

***NOTE***

*In case of leakage, it is recommended to proceed with fuel tank replacement when the fuel tank is nearly empty for rapid draining.*

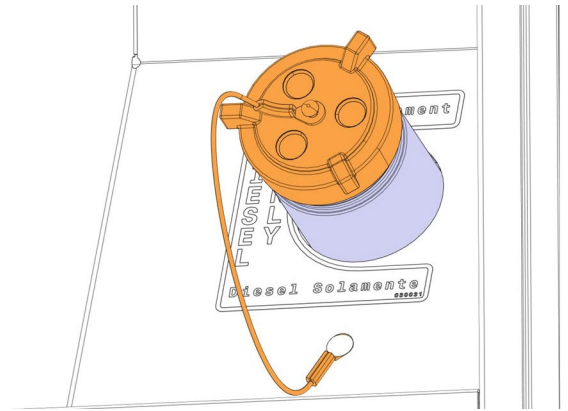
- If no, go to next step.



3. Lower the vehicle to complete the procedure. No further actions required.

## FUEL TANK REPLACEMENT (ONLY IF REQUIRED) H3-45 COACHES

1. Remove the fuel filling cap.



2. Lift the vehicle.

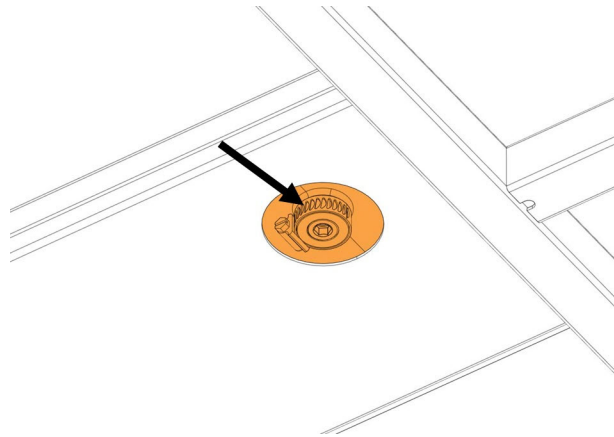
3. Empty the fuel tank by unscrewing the drain plug.

**NOTE**

*Ensure that the container used has a capacity equal to the amount of fuel remaining in the tank.*

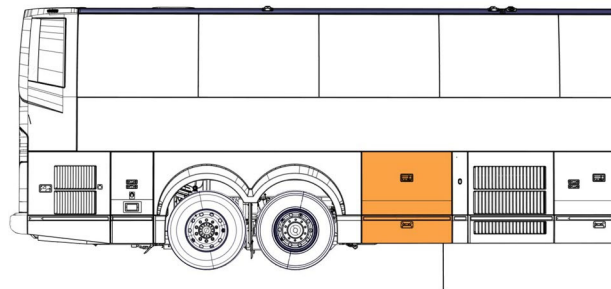
**NOTE**

*In the following steps, keep all the removed components and hardware to reinstall on the new tank unless otherwise specified.*

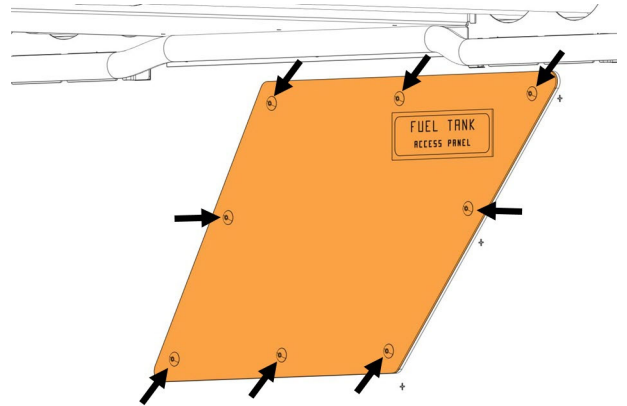


4. Lower the vehicle.

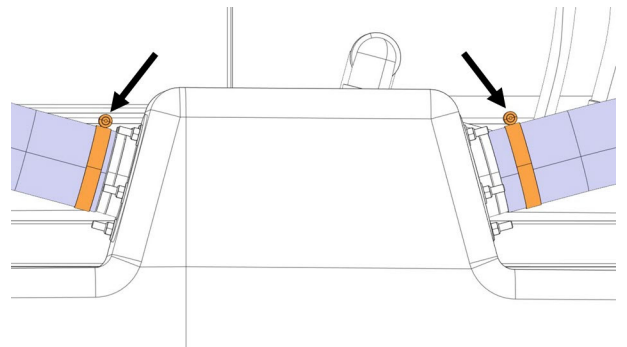
5. Open the curbside rear baggage compartment door.



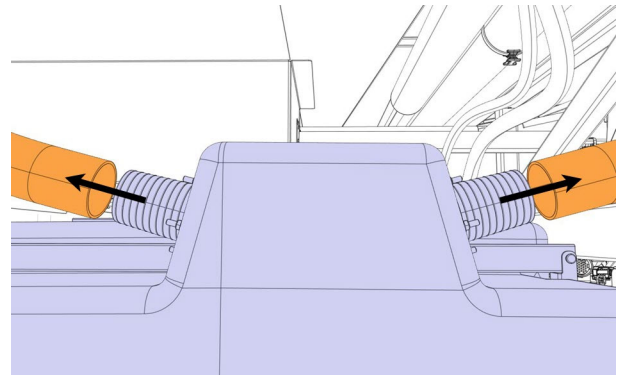
6. Drill out the eight (8) rivets to remove the fuel tank access panel.
7. Discard the rivets.



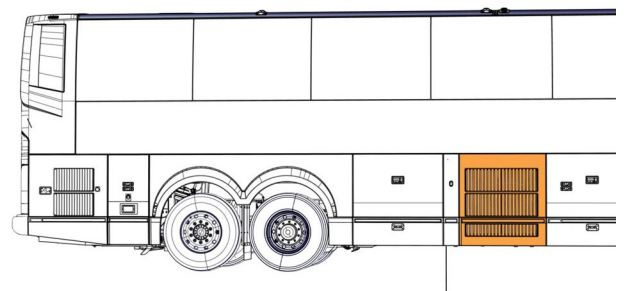
8. Unscrew the two (2) hose clamps through the rear baggage compartment access opening.



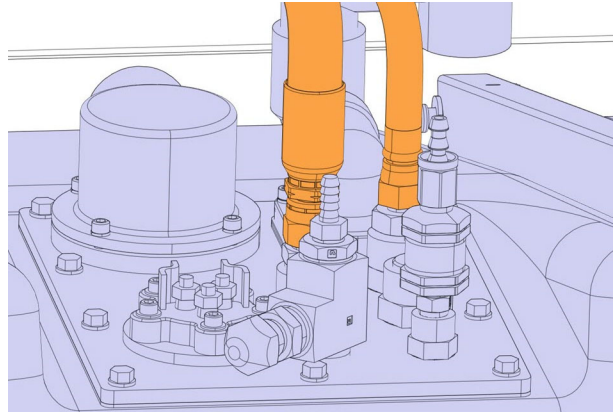
9. Disconnect both filling hoses from the fuel tank.



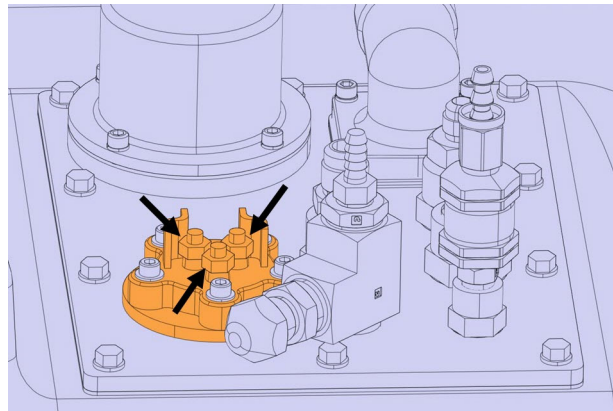
10. Open the condenser compartment door.



11. Disconnect all the fuel lines from the fuel tank accessory plate accessible through the condenser compartment.

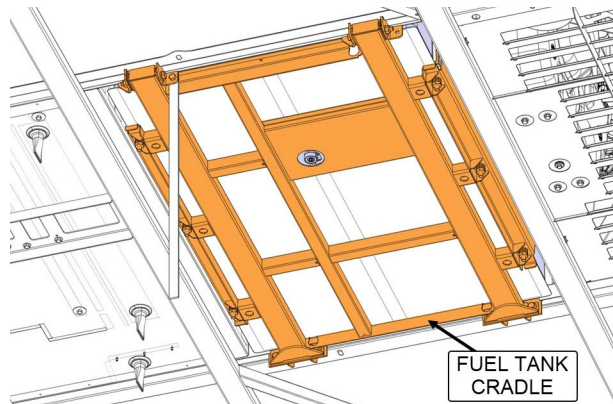


12. Disconnect the three (3) fuel level gauge wires. Make sure to mark the wires and gauge terminals before removal.



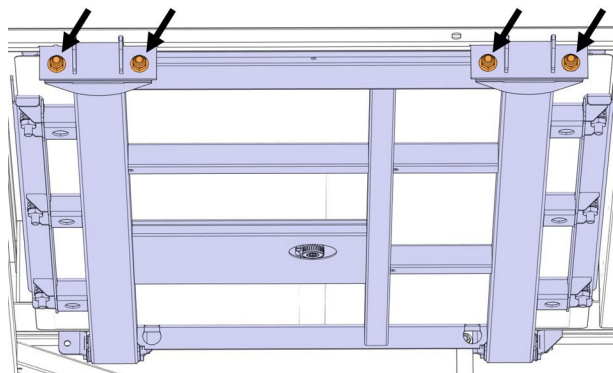
13. Lift the vehicle.

14. Place a wheeled lifting table under the fuel tank cradle, this will be needed to support the tank assembly.



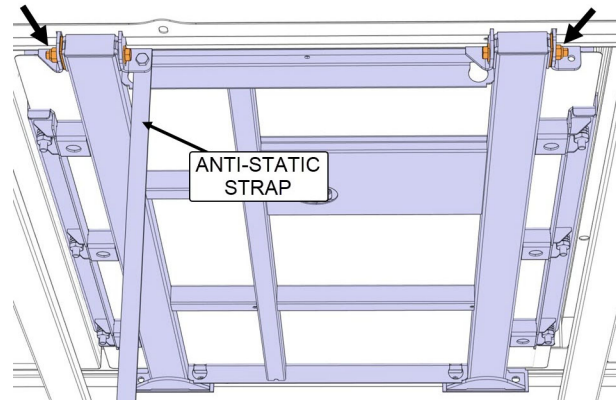
15. Unscrew the four (4) bolts retaining the tank cradle to the frame in the front.

16. Discard the nuts.

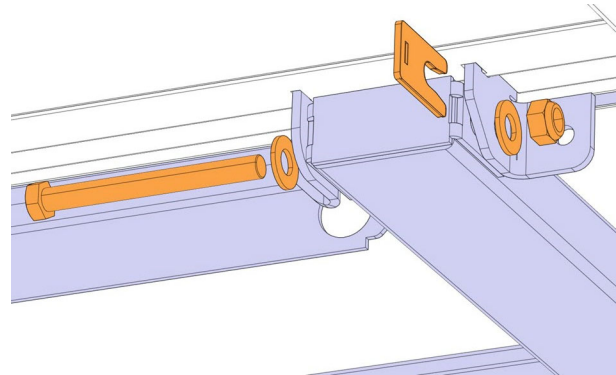




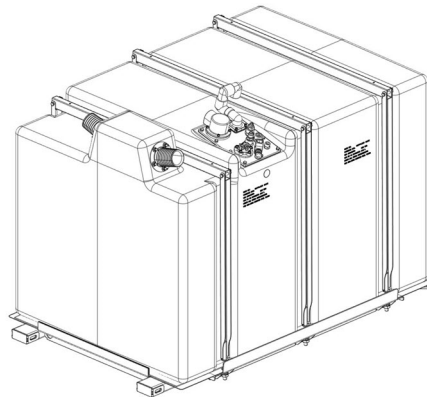
17. Unscrew the two (2) bolts retaining the tank cradle to the frame in the back.
18. Remove the anti-static strap if needed.



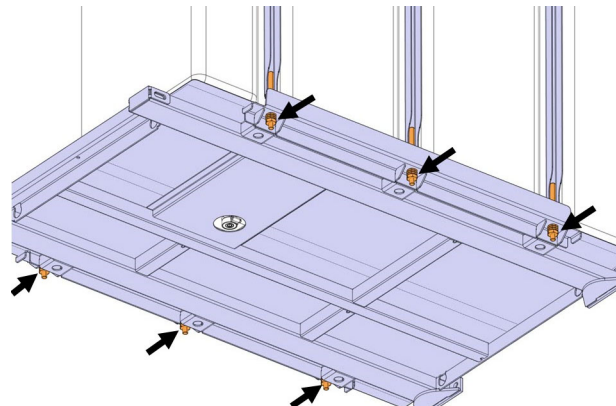
19. Discard the nuts and keep the screws, washers, and shims.



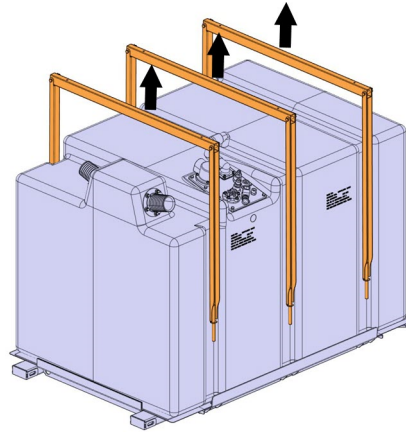
20. Remove the tank assembly with the lifting table from under the vehicle.



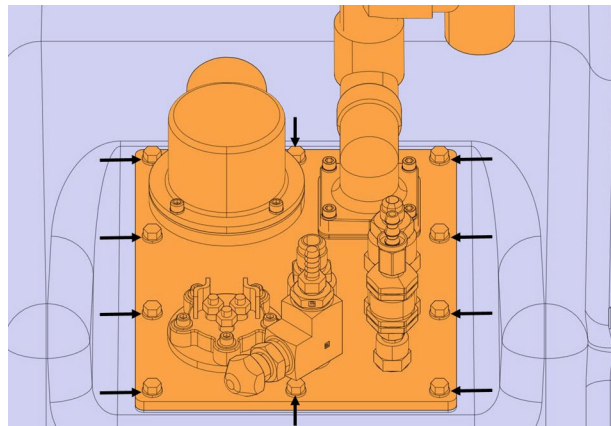
21. Unscrew the six (6) special nuts on both sides of the fuel tank cradle and remove the six (6) springs.



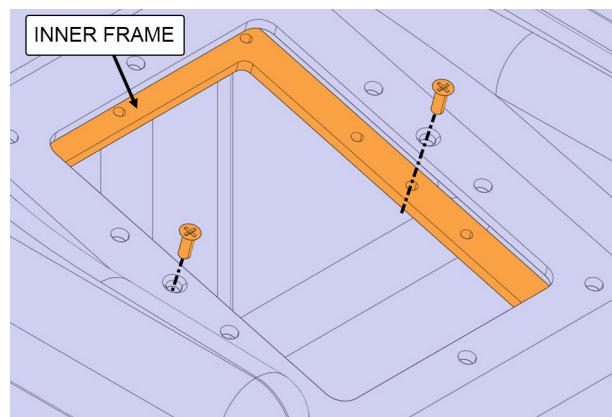
22. Pull up the three (3) tank retainers and remove the tank from the cradle.



23. Remove the ten (10) screws and washers, then take out the entire accessory plate (with valves, fittings, hoses, and gasket).



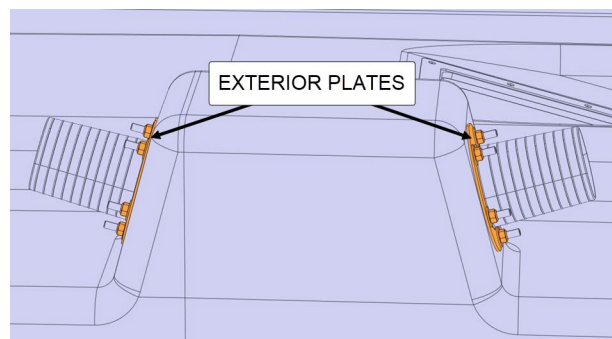
24. Remove the two (2) screws and the accessory plate inner frame.



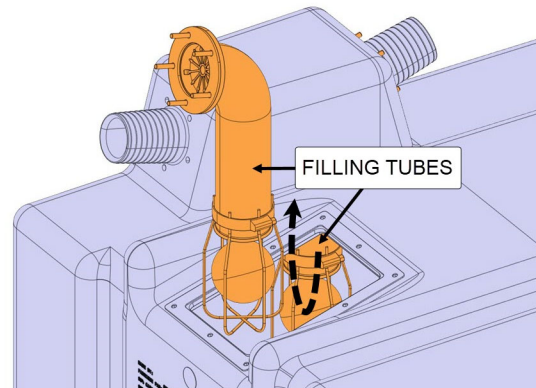
25. Unscrew the two (2) exterior plates on the fuel tank.

***NOTE***

Make sure to support the filling tubes through the accessory plate opening.



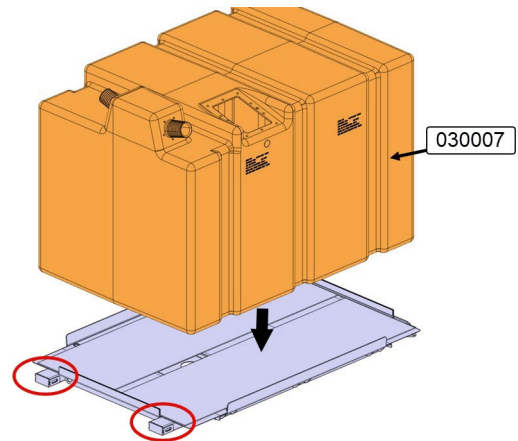
26. Take out the two (2) interior filling tubes with their gaskets through the accessory plate opening.



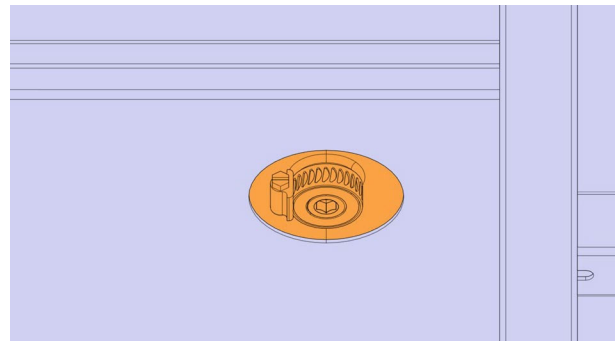
27. Place the new fuel tank 030007 on the cradle floor.

**NOTE**

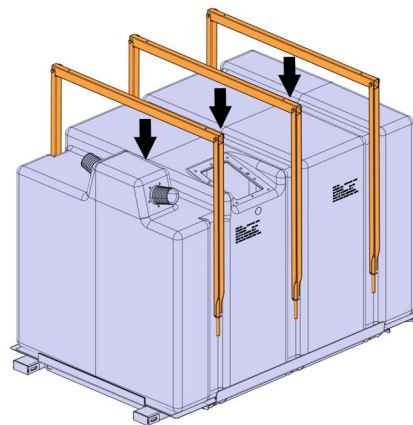
*Refer to the ends of the cradle to determine the fuel tank orientation as shown in the figure.*



28. Center the fuel tank on the cradle making sure that the drain plug is centered in the cradle opening.

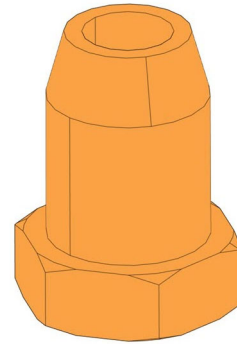


29. Reinstall the three (3) fuel tank retainers.

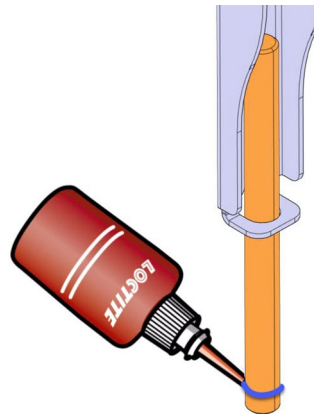


30. Thoroughly clean the six (6) special hexagonal nuts, removed in step 21, with water.

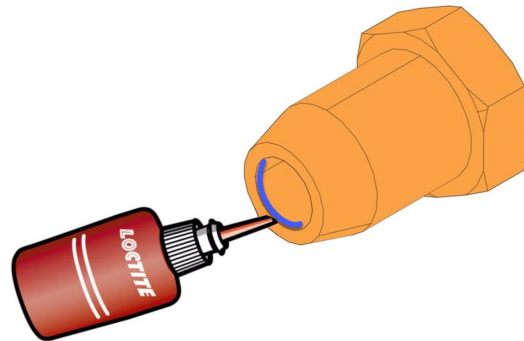
31. Dry the nuts.



32. Apply Loctite 243 thread locker 680038 on the stud thread of the fuel tank retainer.



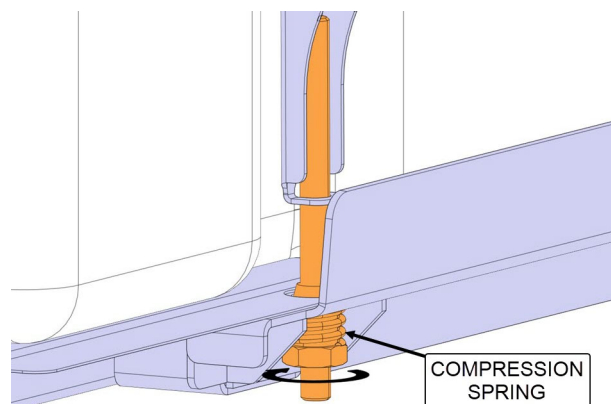
33. Apply Loctite 243 680038 inside the special hexagonal nut.



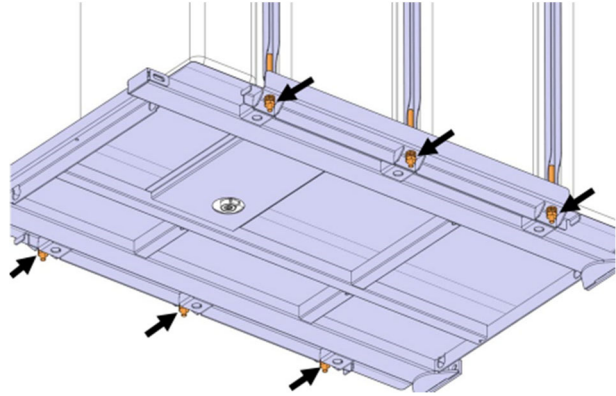
34. Insert the compression spring.  
35. Tighten the nut until the spring is fully compressed then loosen three (3) turns.

**NOTE**

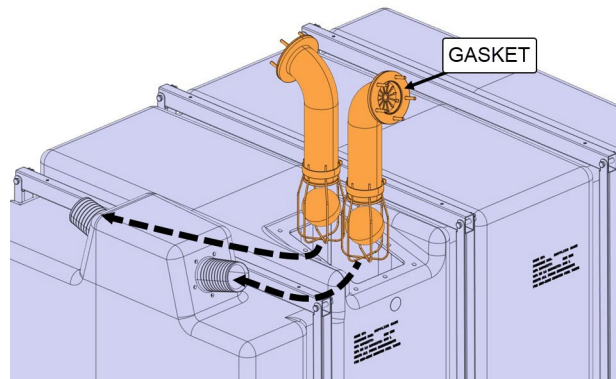
*Make sure that the nut's end goes beyond the cradle floor.*



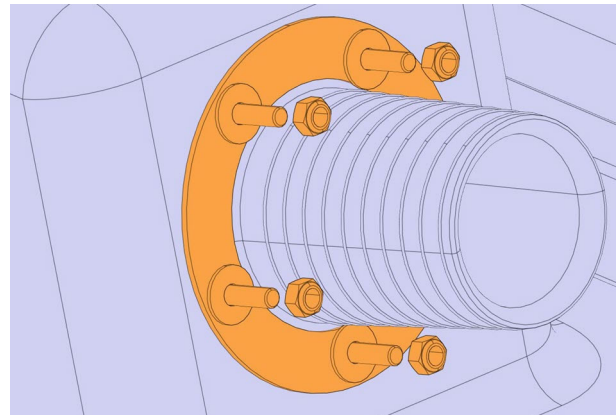
36. Repeat the steps for the five (5) other stud threads.



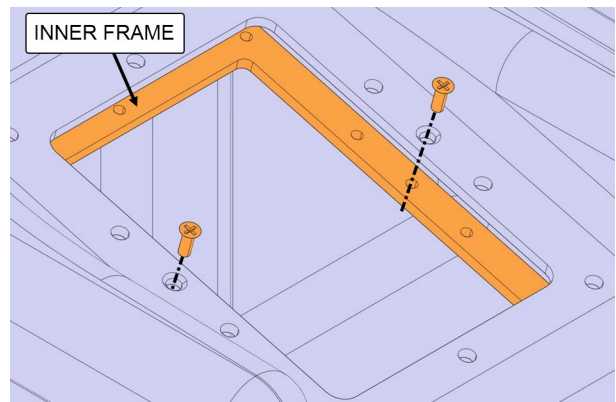
37. Insert the interior filling tubes with gaskets inside the fuel tank through the accessory plate opening.



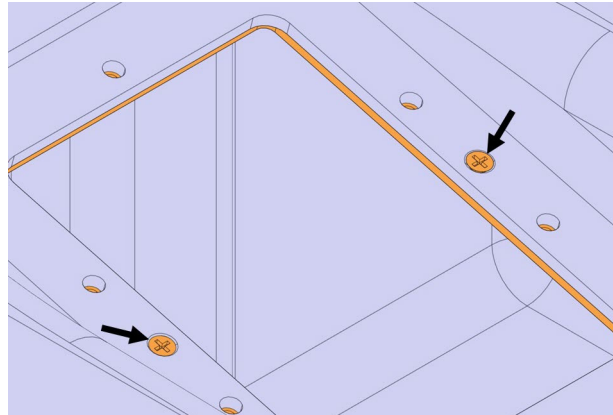
38. Reinstall the two (2) exterior plates, the washers and tighten the ten (10) nylon insert locknuts to secure the filling tubes.



39. Fasten the accessory plate inner frame inside the fuel tank using the two (2) flat-head screws.



40. Fill both screw head cavities with Sika 221 grey sealant 680532.

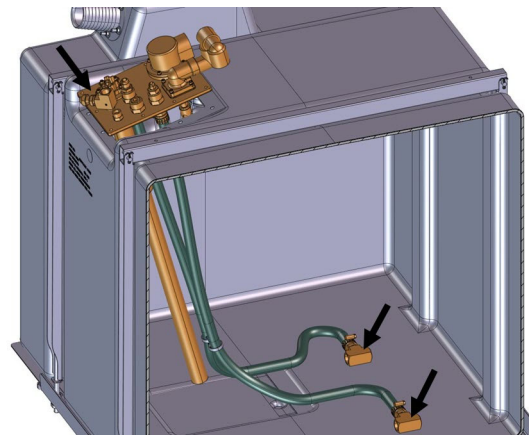


41. Make sure the fuel tank interior is clean.  
Vacuum if necessary.

42. Reinstall the assembled accessory plate.

**NOTE**

*Place the two (2) long hoses to the center of the tank and make sure that the Tee fittings lay flat at the bottom.*

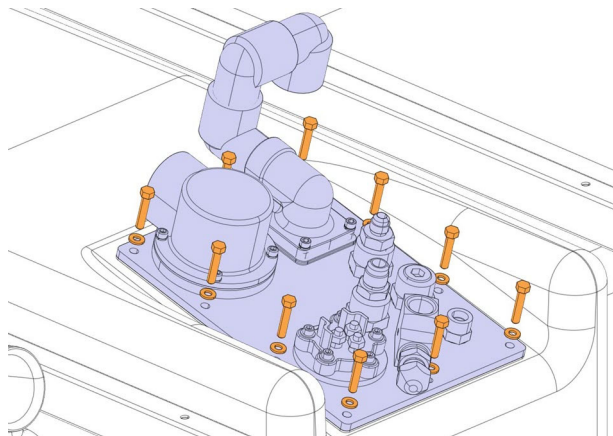


43. Apply liquid Teflon sealant to all cap screws.

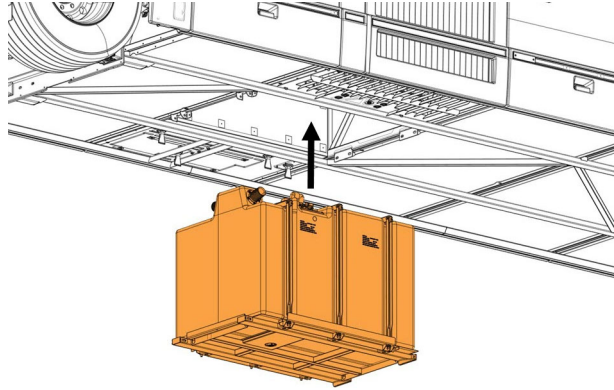
44. Reinstall the ten (10) washers and fasten the accessory plate with the screws.

**NOTE**

*Start threading all screws before fully tightening.*

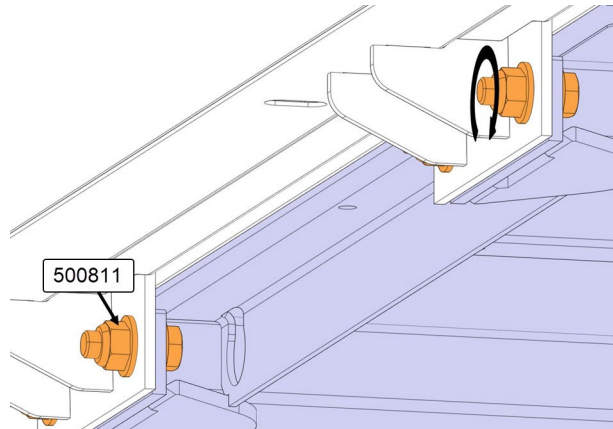


45. Raise the fuel tank assembly using the lifting table.

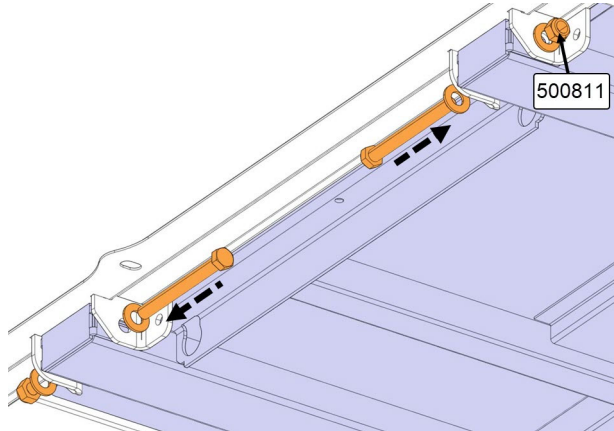


46. Reinstall the four (4) bolts with eight (8) washers retaining tank cradle to the vehicle on the front. Use new nuts 500811.

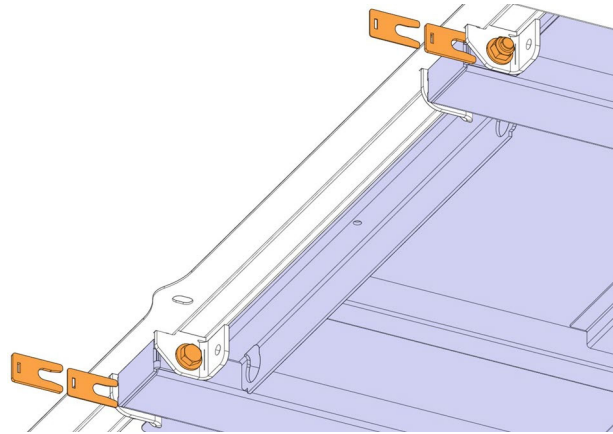
47. Tighten to **82 lb-ft** using  $\frac{3}{4}$  inch long torque socket. Apply torque seal marks.



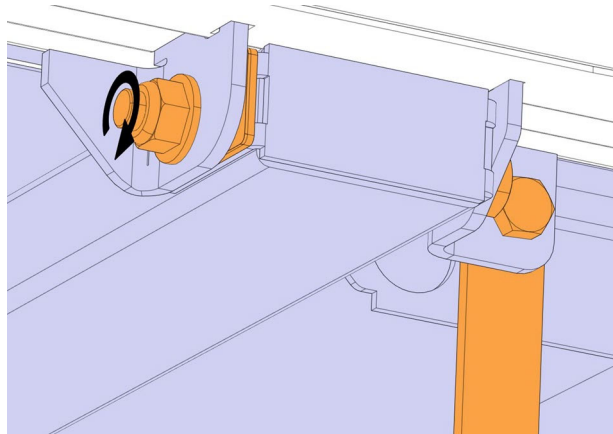
48. Loosely reinstall the two (2) bolts with four (4) washers retaining tank cradle to the vehicle on the back, in the indicated directions. Use new nuts 500811.



49. Insert shims to fill the gap between the mounting lugs and the cradle tubing on the nut side. Keep shims arrangement as found before removal.

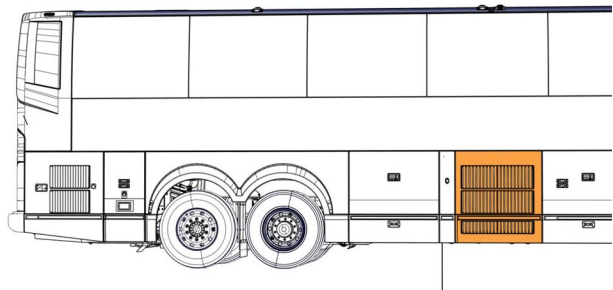


50. Tighten to **82 lb-ft** using  $\frac{3}{4}$  inch long torque socket. Apply torque seal marks.  
 51. Reinstall anti-static strap if earlier removed.



52. Remove the lifting table from under the fuel tank cradle and lower the vehicle.

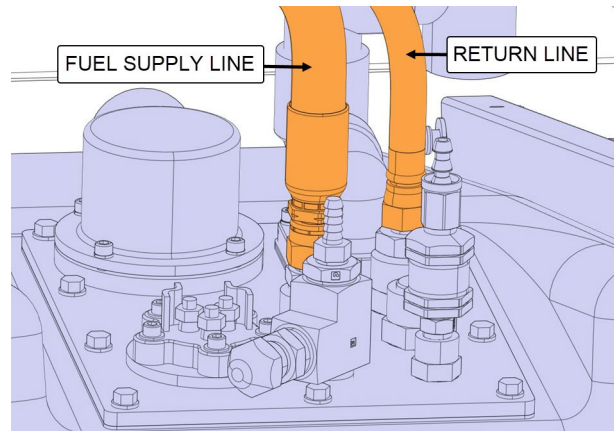
53. Open the condenser compartment door.



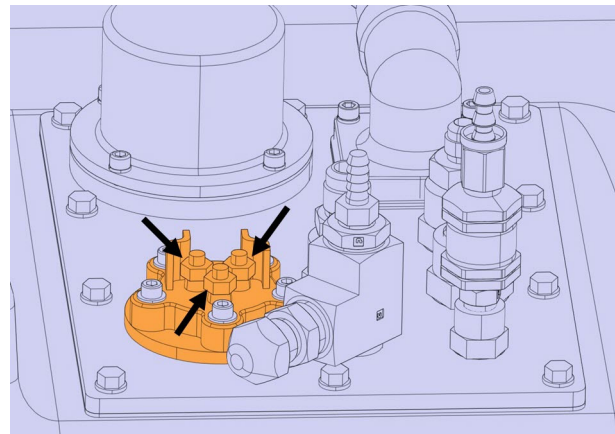


54. Reconnect the engine fuel supply line to the accessory plate. Apply manual torque of **29 lb-ft**.

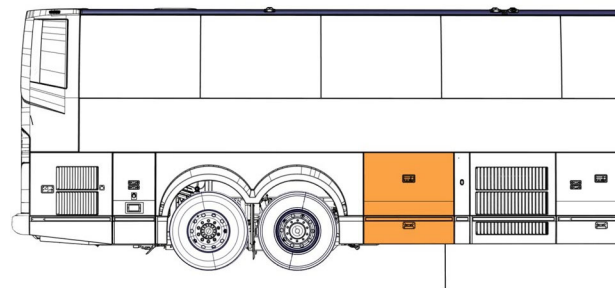
55. Reconnect the return line to the accessory plate. Apply manual torque of **21 lb-ft**.



56. Reconnect the fuel level gauge wires. Secure the crimp connectors to their corresponding terminals as marked before removal.

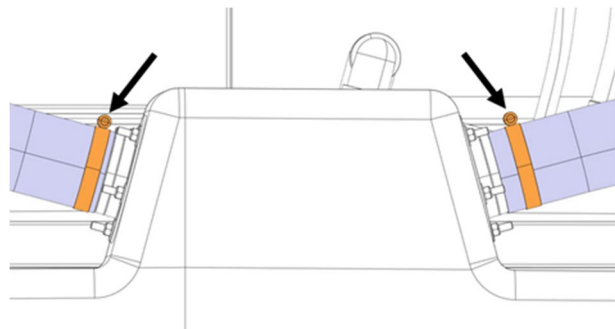


57. Open the curbside rear baggage compartment door.

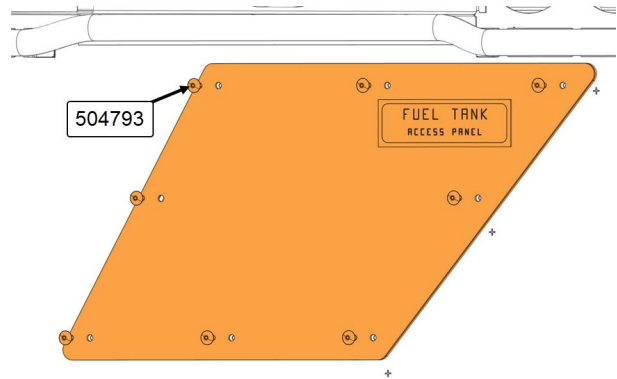


58. Connect both filling hoses to the fuel tank through the access opening.

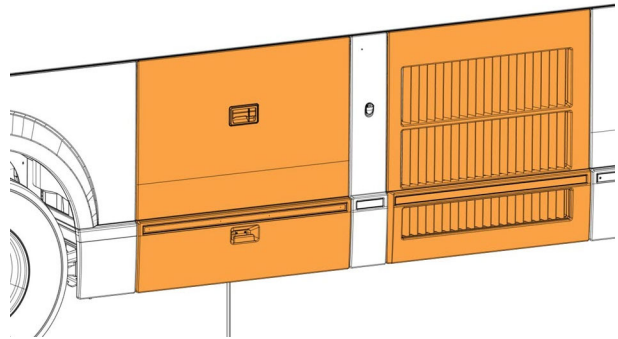
59. Apply manual torque of **40 lb-ft** to tighten each hose clamp.



60. Reinstall the fuel tank access panel in the rear baggage compartment and fasten it with new eight (8) rivets 504793.



61. Close condenser compartment and rear baggage compartment doors.

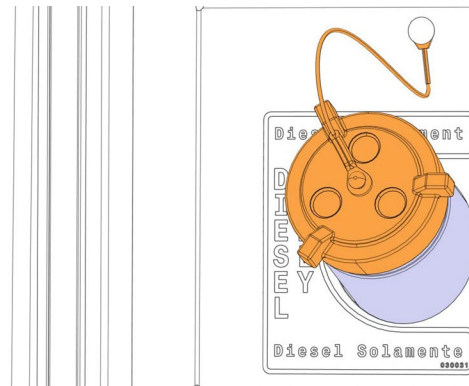


62. Fill the fuel tank and check for leaks.  
Refer to fuel tank inspection section in page 5.

## FUEL TANK REPLACEMENT (ONLY IF REQUIRED)

### H3-45 VIP MOTORHOMES

1. Remove the fuel filling cap.



2. Lift the vehicle.

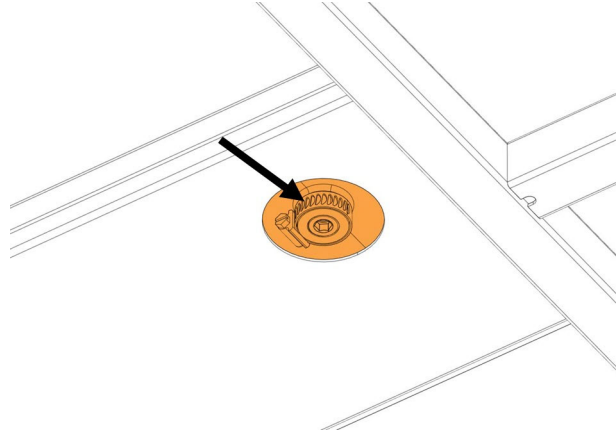
3. Empty the fuel tank by unscrewing the drain plug.

**NOTE**

*Ensure that the container used has a capacity equal to the amount of fuel remaining in the tank.*

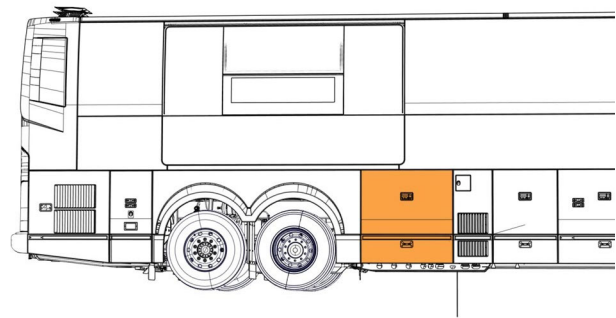
**NOTE**

*In the following steps, keep all the removed components and hardware to reinstall on the new tank unless otherwise specified.*



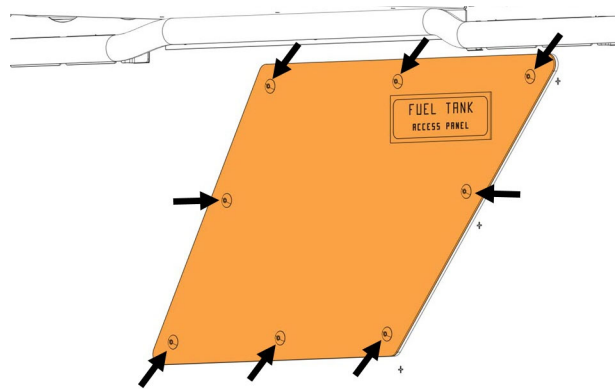
4. Lower the vehicle.

5. Open the curbside rear baggage compartment door.

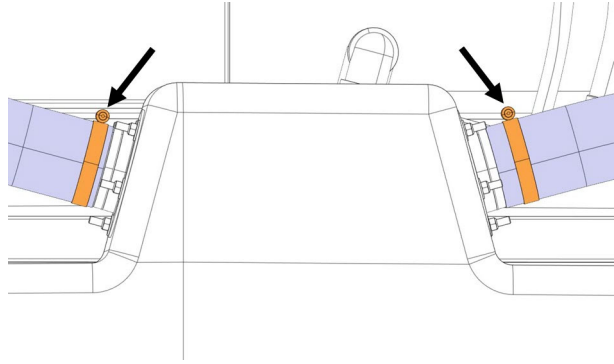


6. Drill out the eight (8) rivets and remove the fuel tank access panel.

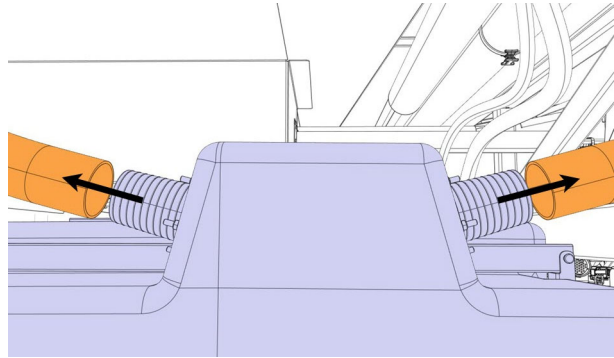
7. Discard the rivets.



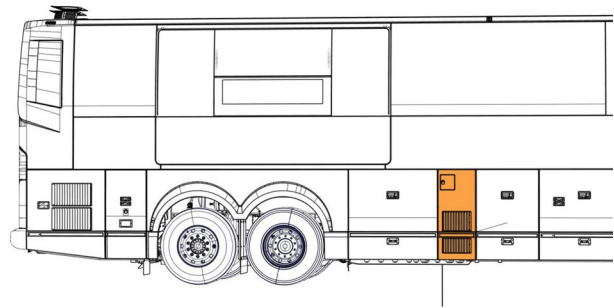
8. Unscrew the two (2) hose clamps accessible through the rear baggage compartment access opening.



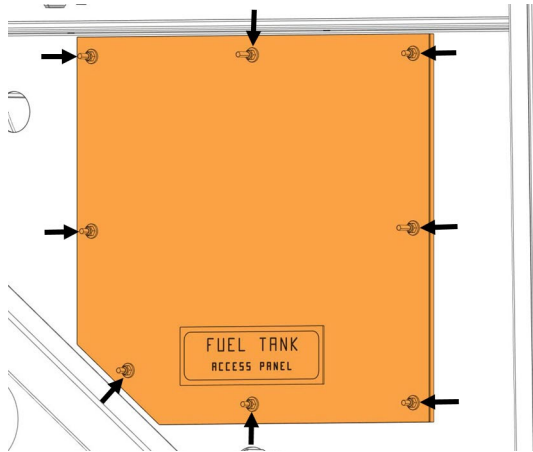
9. Disconnect both filling hoses from the fuel tank.



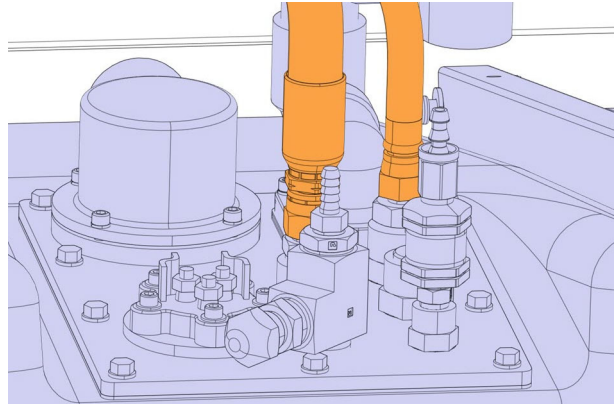
10. Open the condenser compartment door.



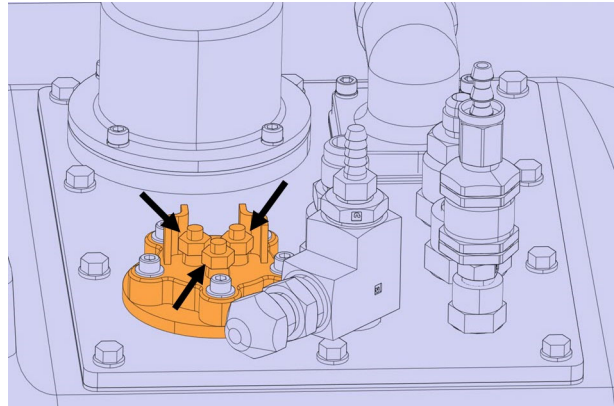
11. Unscrew the eight (8) nuts and remove the fuel tank access panel.



12. Disconnect all fuel lines from the fuel tank accessory plate through the condenser compartment access opening.

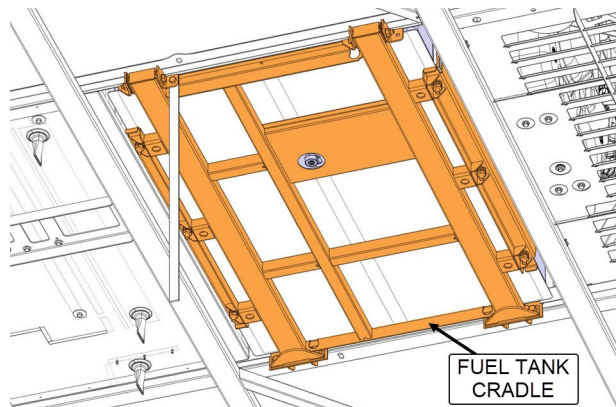


13. Disconnect the three (3) fuel level gauge wires. Make sure to mark the wires and gauge terminals before removal.



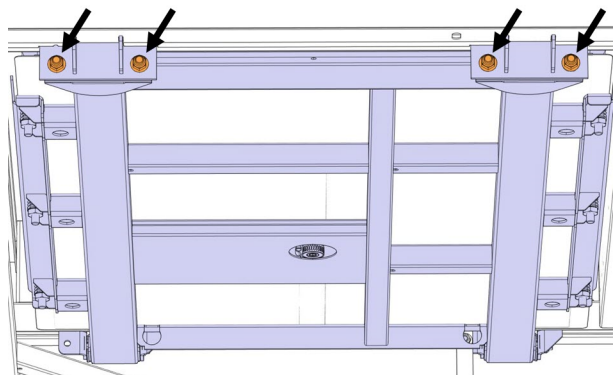
14. Lift the vehicle.

15. Place a wheeled lifting table under the fuel tank cradle, this will be needed to support the tank assembly.

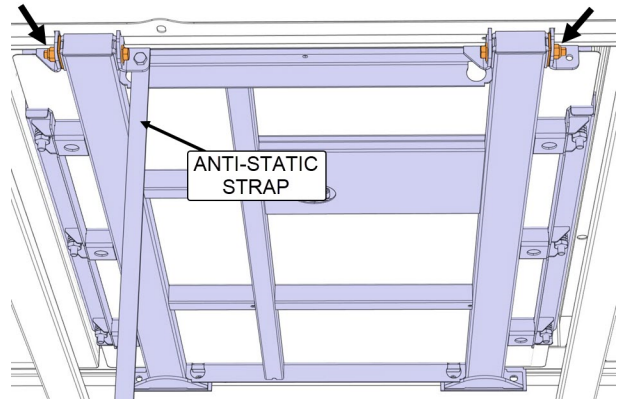


16. Unscrew the four (4) bolts retaining the tank cradle to the frame in the front.

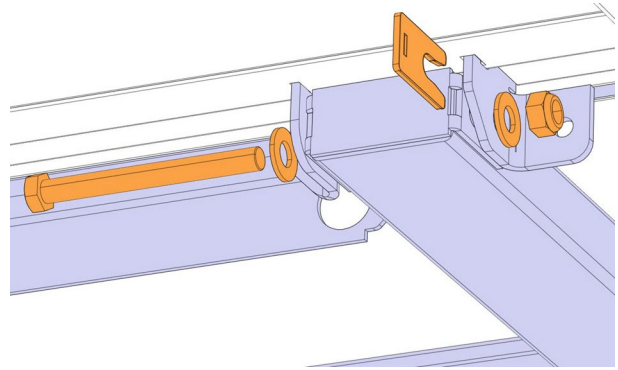
17. Discard the nuts.



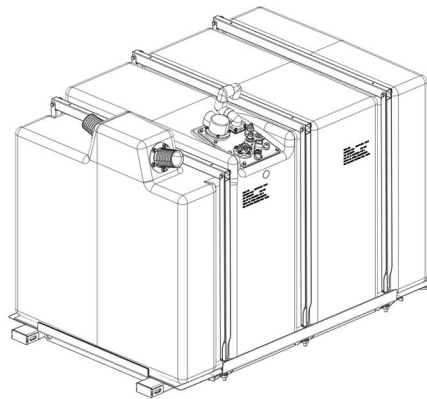
18. Unscrew the two (2) bolts retaining the tank cradle to the frame in the back.
19. Remove the anti-static strap if needed.



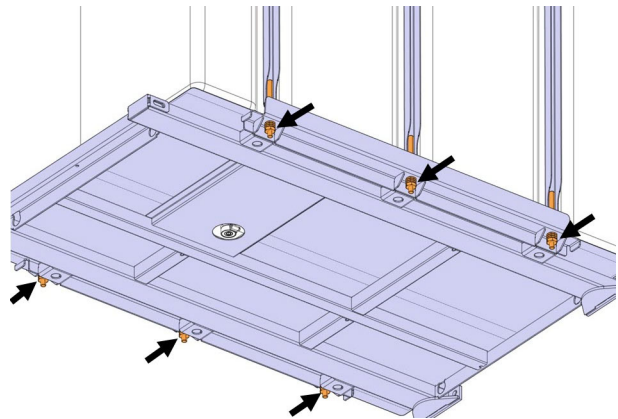
20. Discard the nuts and keep the screws, washers, and shims.



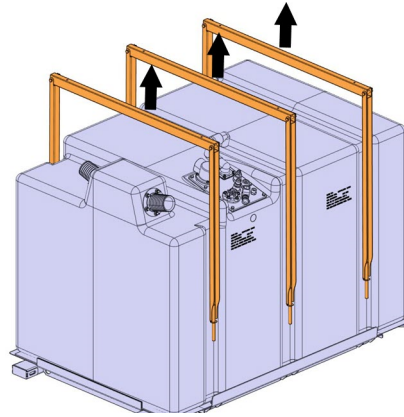
21. Remove the tank assembly from under the vehicle.



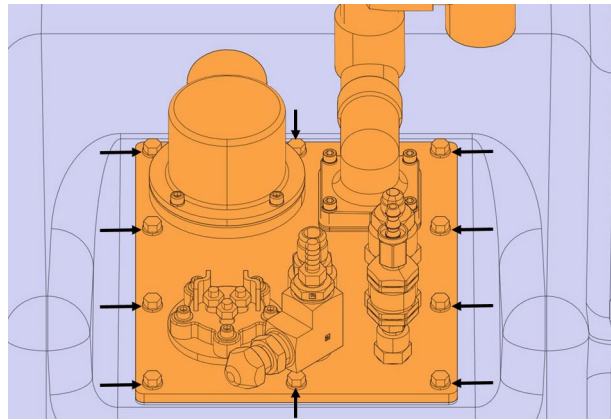
22. Unscrew the six (6) special nuts on both sides of the fuel tank cradle and remove the six (6) springs.



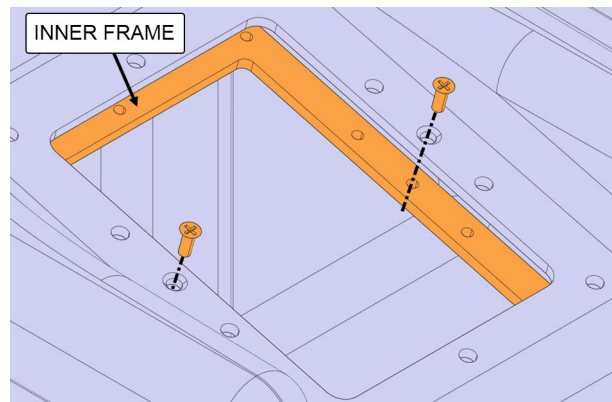
23. Pull up the three (3) tank retainers and remove the tank from the cradle.



24. Remove the ten (10) screws and washers, then take out the entire accessory plate (with valves, fittings, hoses, and gasket).



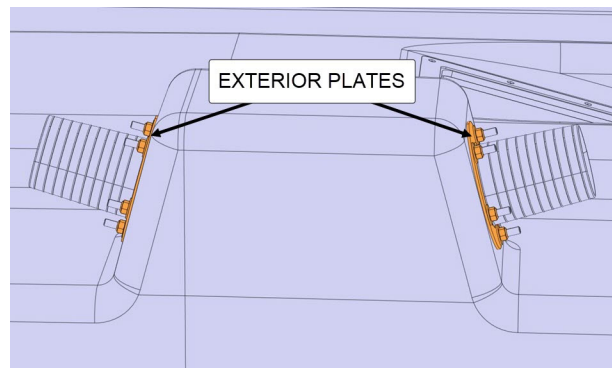
25. Remove the two (2) screws and the accessory plate inner frame.



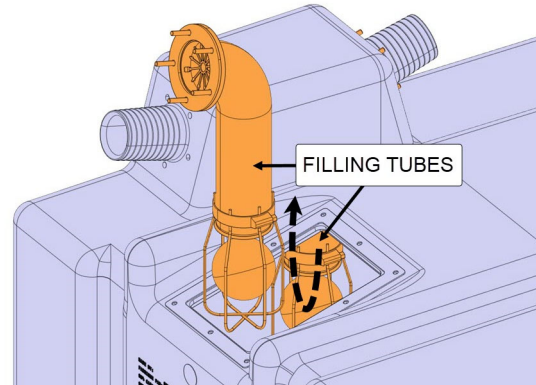
26. Unscrew the two (2) exterior plates on the fuel tank.

**NOTE**

Make sure to support the filling tubes through the accessory plate opening.



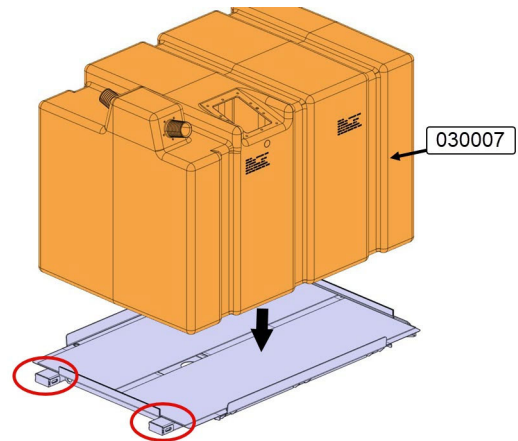
27. Take out the two (2) interior filling tubes with their gaskets through the accessory plate opening.



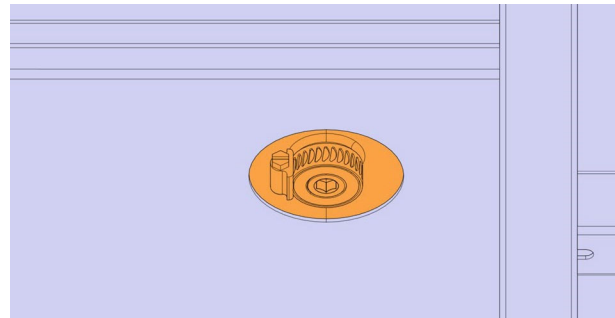
28. Place the new fuel tank 030007 on the cradle floor.

**NOTE**

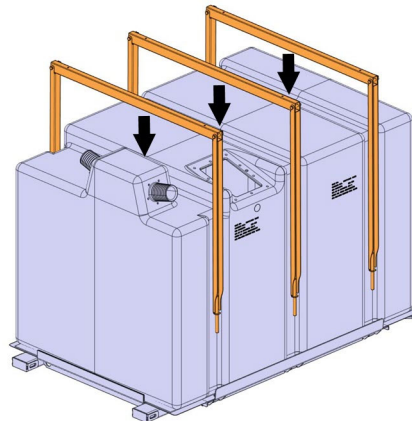
*Refer to the ends of the cradle to determine the fuel tank orientation as shown in the figure.*



29. Center the fuel tank on the cradle making sure that the drain plug is centered in the cradle opening.



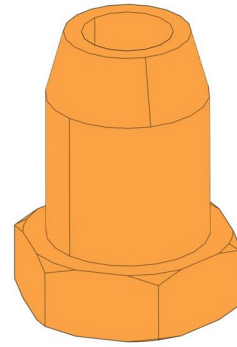
30. Reinstall the three (3) fuel tank retainers.



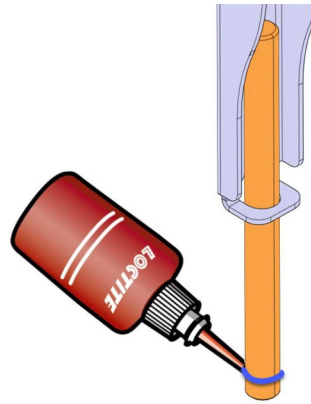


31. Thoroughly clean the six (6) special hexagonal nuts, removed in step 22, with water.

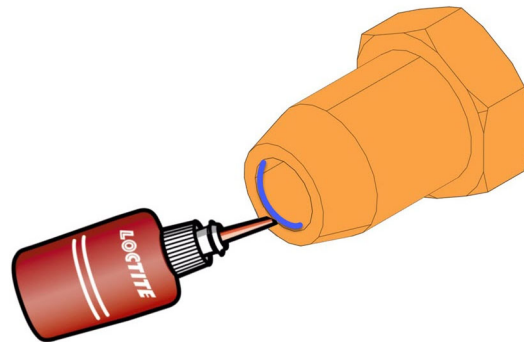
32. Dry the nuts.



33. Apply Loctite 243 thread locker on the stud thread of the fuel tank retainer.



34. Apply Loctite 243 inside the special hexagonal nut.

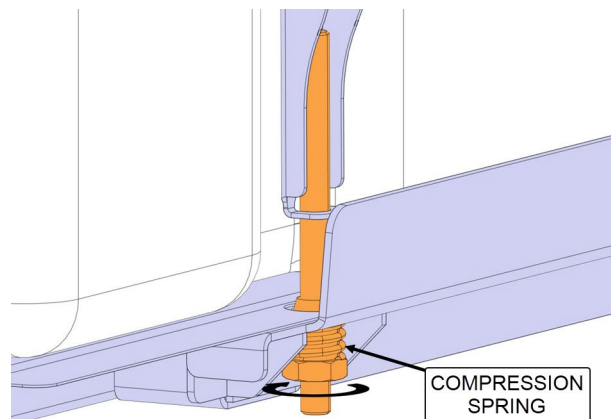


35. Insert the compression spring.

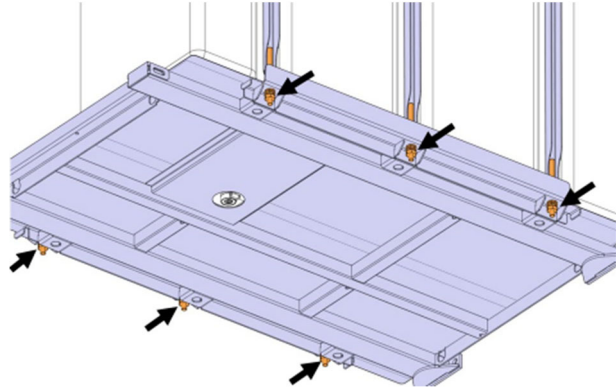
36. Tighten the nut until the spring is fully compressed then loosen three (3) turns.

**NOTE**

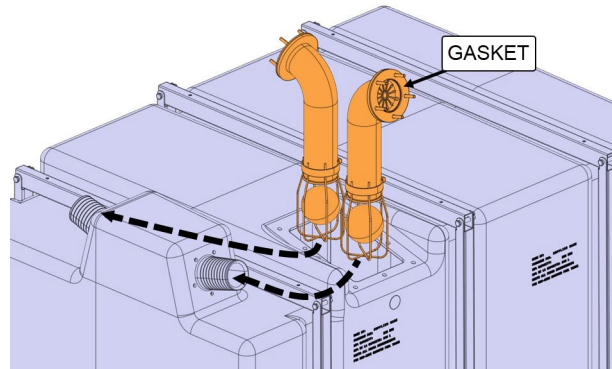
*Make sure that the nut's end goes beyond the cradle floor.*



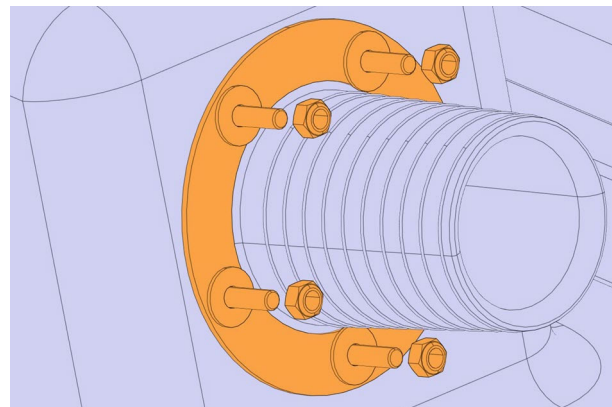
37. Repeat the steps for the five (5) other stud threads.



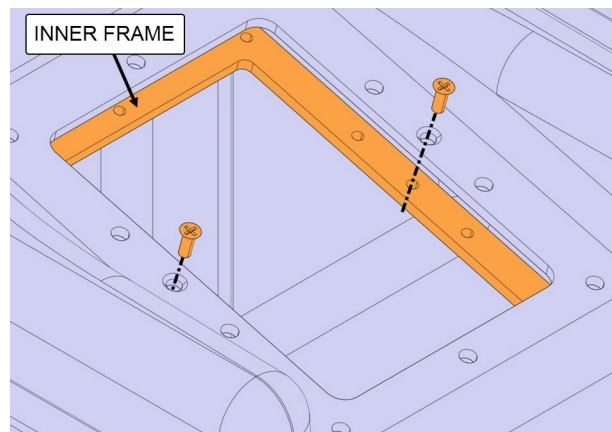
38. Insert the interior filling tubes with gaskets inside the fuel tank through the accessory plate opening.



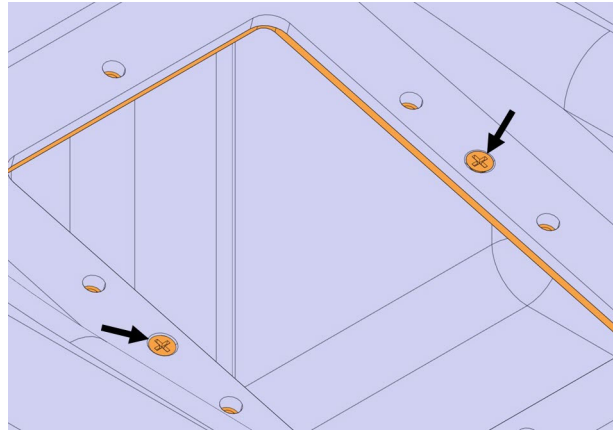
39. Reinstall the two (2) exterior plates, the washers and tighten the ten (10) nylon insert locknuts to secure the filling tubes.



40. Fasten the accessory plate inner frame inside the fuel tank using the two (2) flat-head screws.



41. Fill both screw head cavities with Sika 221 grey sealant.

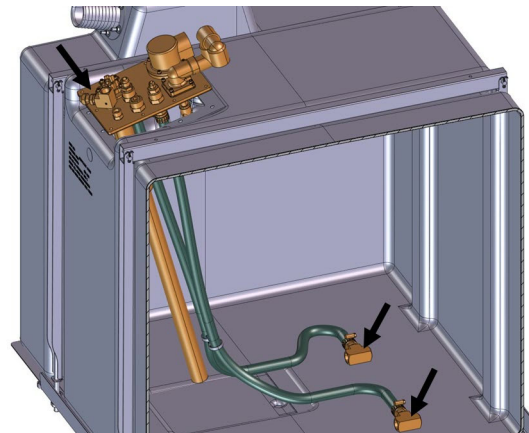


42. Make sure the fuel tank interior is clean.  
Vacuum if necessary.

43. Reinstall the assembled accessory plate.

**NOTE**

*Place the two (2) long hoses to the center of the tank and make sure that the Tee fittings lay flat at the bottom.*

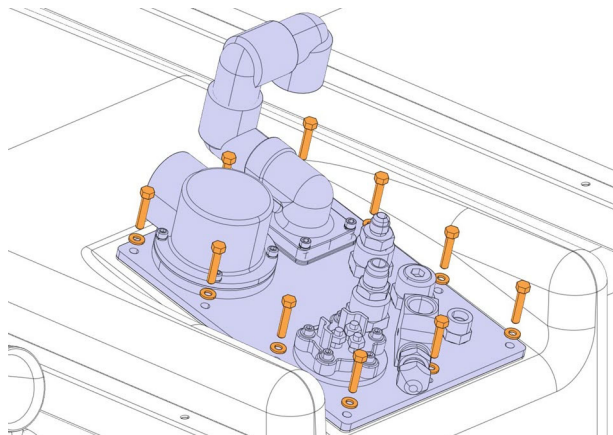


44. Apply liquid Teflon sealant 680098 to all cap screws.

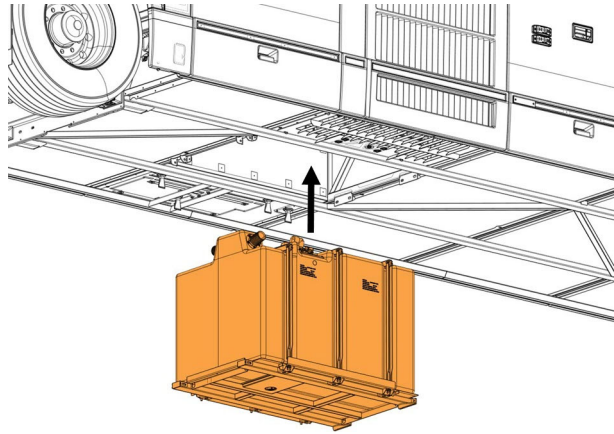
45. Reinstall the washers and fasten the accessory plate with the screws.

**NOTE**

*Start threading all screws before fully tightening.*

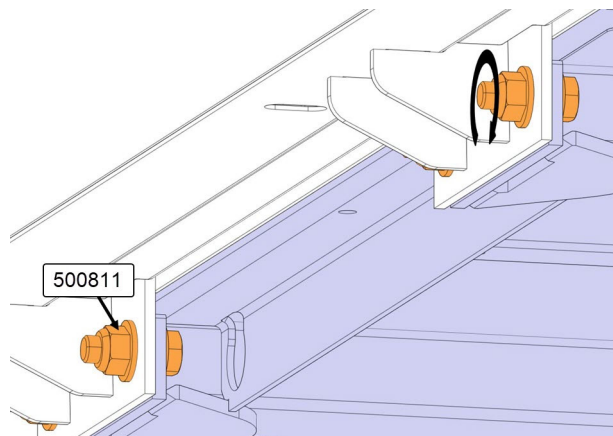


46. Raise the fuel tank assembly using the lifting table.

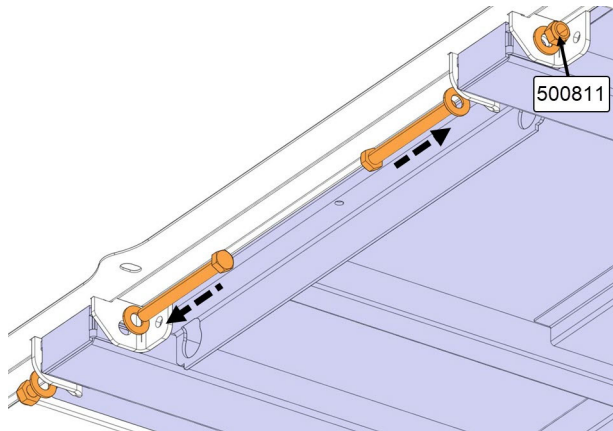


47. Reinstall the four (4) bolts with eight (8) washers retaining tank cradle to the vehicle on the front. Use new nuts 500811.

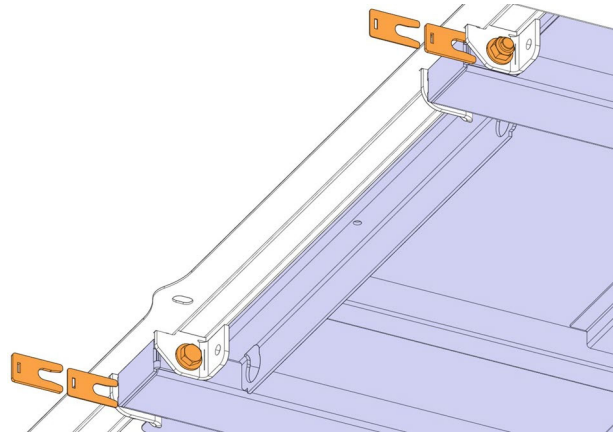
48. Tighten to **82 lb-ft** using  $\frac{3}{4}$  inch long torque socket. Apply torque seal marks.



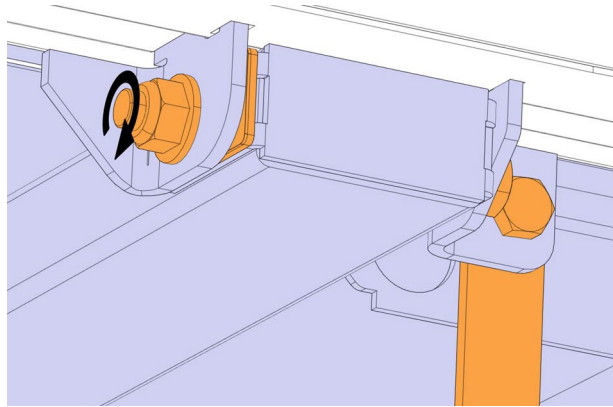
49. Loosely Reinstall the two (2) bolts with four (4) washers retaining tank cradle to the vehicle on the back, in the indicated directions. Use new nuts 500811.



50. Insert shims to fill the gap between the mounting lugs and the cradle tubing on the nut side. Keep shims arrangement as found before removal.

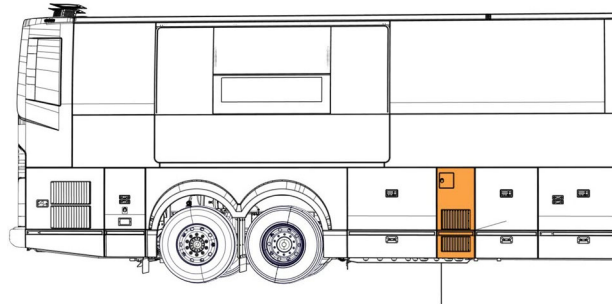


51. Tighten to **82 lb-ft** using  $\frac{3}{4}$  inch long torque socket. Apply torque seal marks.  
52. Reinstall anti-static strap if earlier removed.



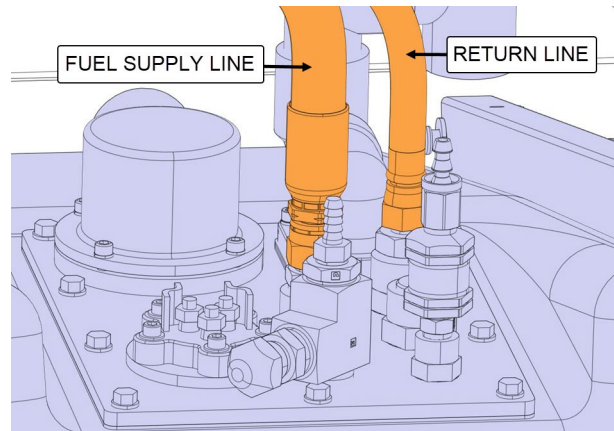
53. Remove the lifting table from under the fuel tank cradle and lower the vehicle.

54. Open the condenser compartment door.

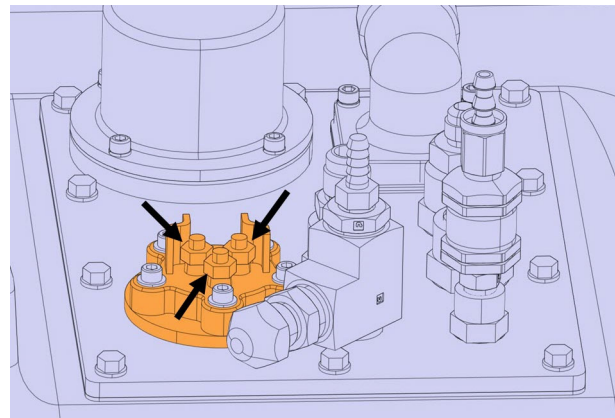


55. Reconnect the fuel supply line to the accessory plate. Apply manual torque of **29 lb-ft.**

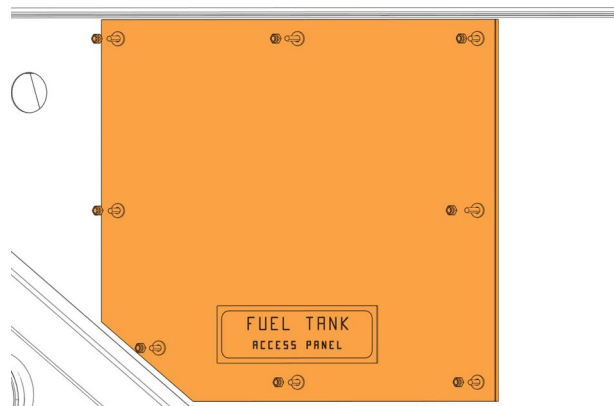
56. Reconnect the return line to the accessory plate. Apply manual torque of **21 lb-ft.**



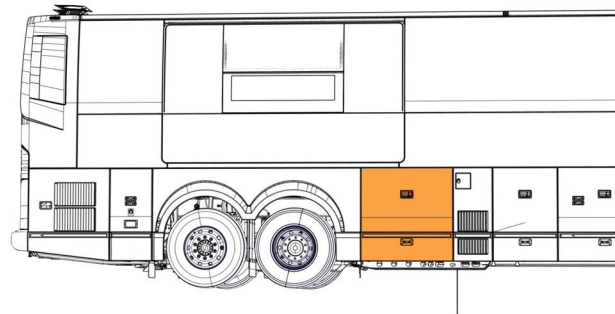
57. Reconnect the fuel level gauge wires. Secure the crimp connectors to their corresponding terminals as marked before removal.



58. Reinstall the fuel tank access panel in the condenser compartment and tighten the eight (8) nuts.

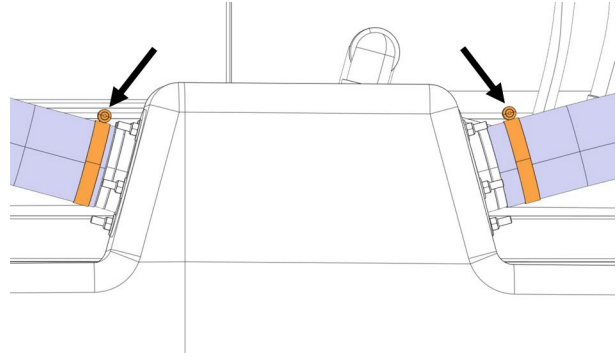


59. Open the curbside rear baggage compartment door.

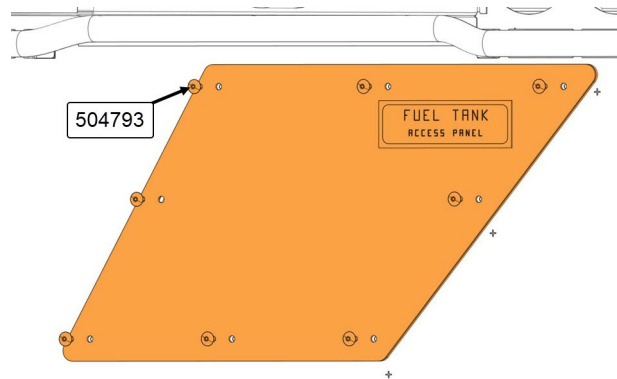


60. Connect both filling hoses to the fuel tank through the access opening.

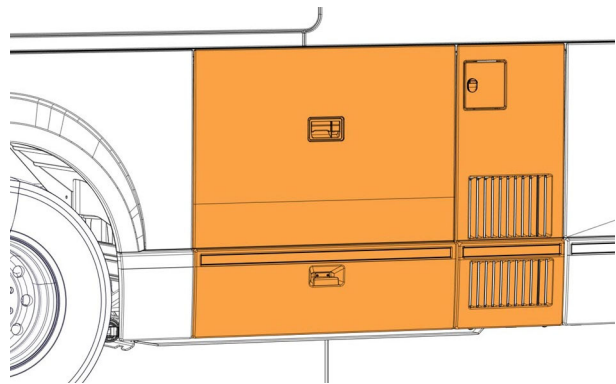
61. Apply manual torque of **40 lb-ft** to tighten each hose clamp.



62. Reinstall the fuel tank access panel in the rear baggage compartment and fasten it with new eight (8) rivets 504793.



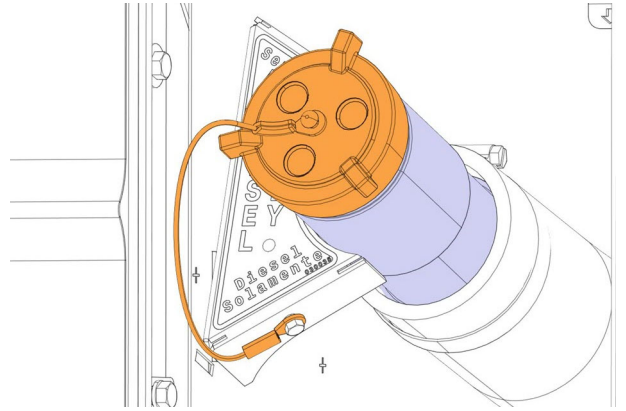
63. Close condenser compartment and rear baggage compartment doors.



64. Fill the fuel tank and check for leaks.  
Refer to fuel tank inspection section in page 5.

## FUEL TANK REPLACEMENT (ONLY IF REQUIRED) X3-45 VIP COMMERCIAL USE

1. Remove the fuel filling cap.



2. Lift the vehicle.

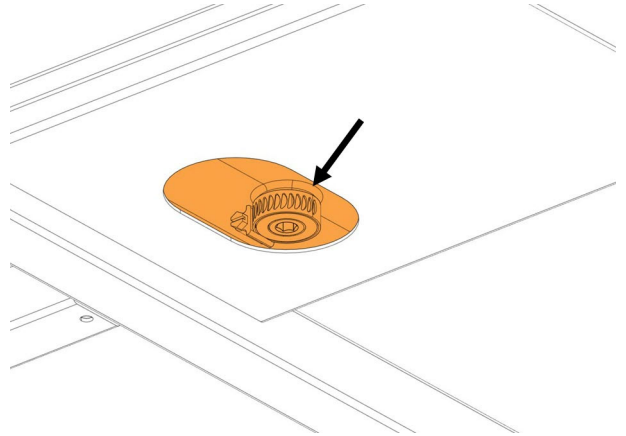
3. Empty the fuel tank by unscrewing the drain plug.

**NOTE**

Ensure that the container used has a capacity equal to the amount of fuel remaining in the tank.

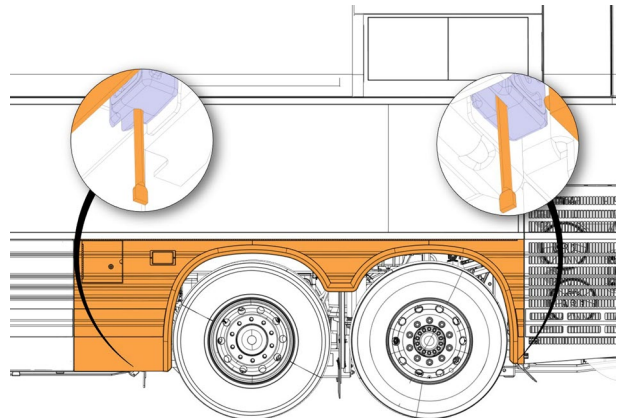
**NOTE**

In the following steps, keep all the removed components and hardware to reinstall on the new tank unless otherwise specified.



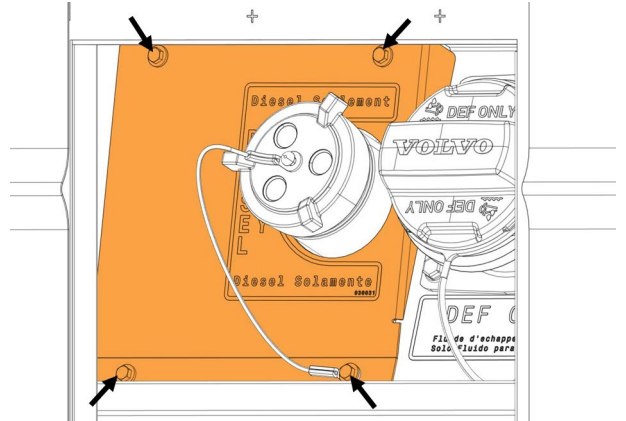
4. Lower the vehicle.

5. Push the spring type rods sideways and raise the streetside rear fender.

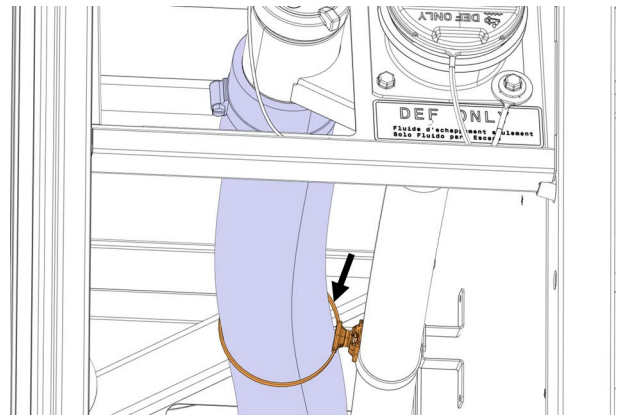




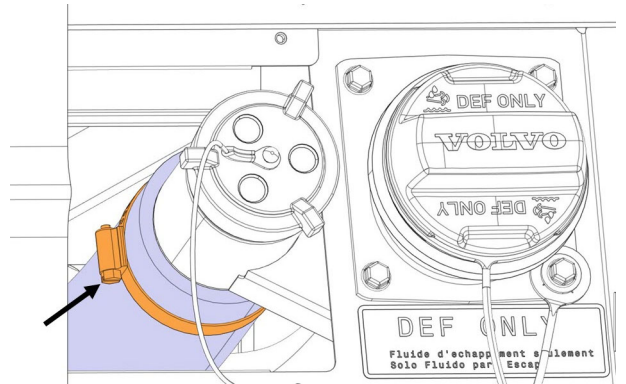
6. Unscrew the closing plate and remove it.



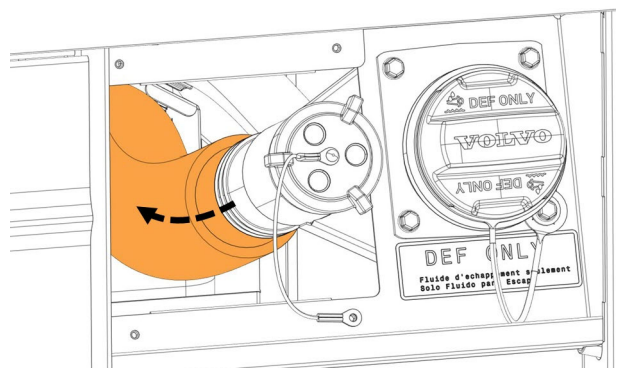
7. Cut the tie-wrap securing the streetside filling hose.



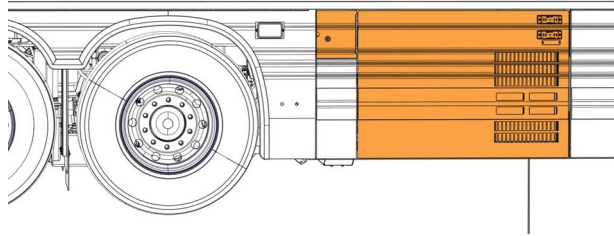
8. Unscrew the hose clamp.



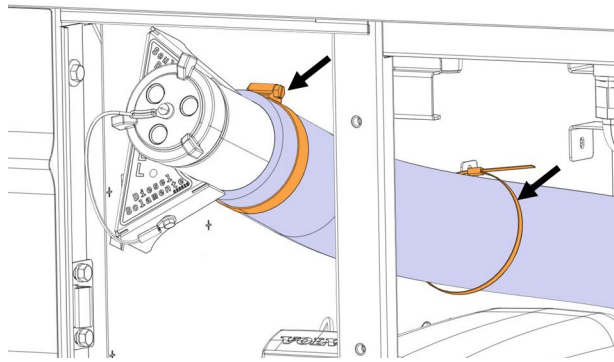
9. Disconnect the streetside filling hose from the filler neck.



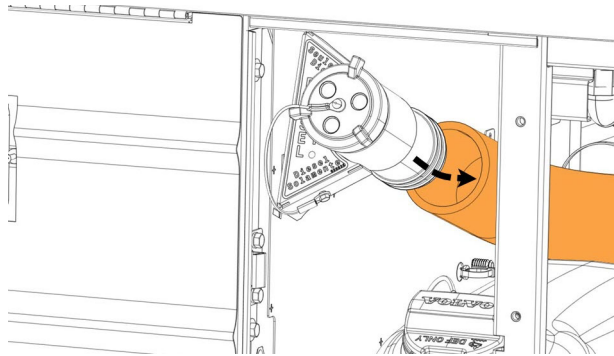
10. Open the curbside fuel door and the condenser compartment door.



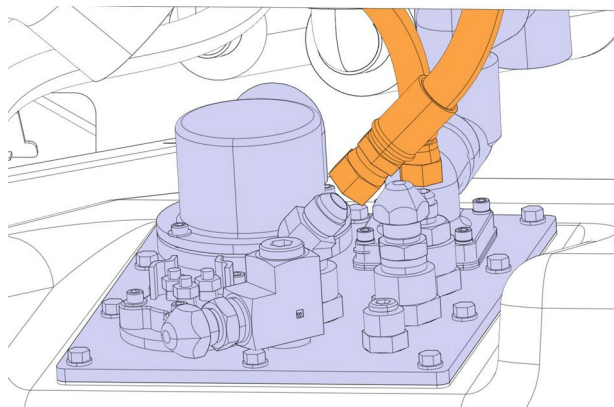
11. Cut the tie-wrap securing the curbside filling hose.  
12. Unscrew the hose clamp.



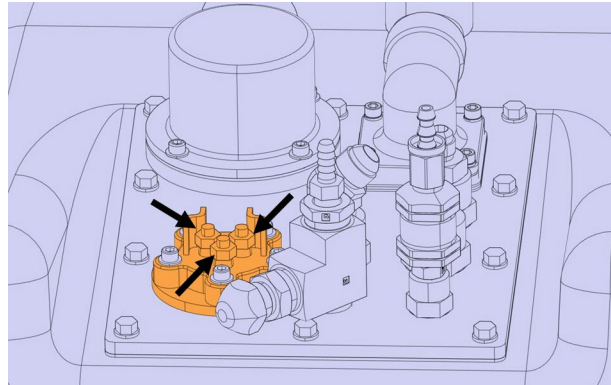
13. Disconnect the curbside filling hose from the filler neck.



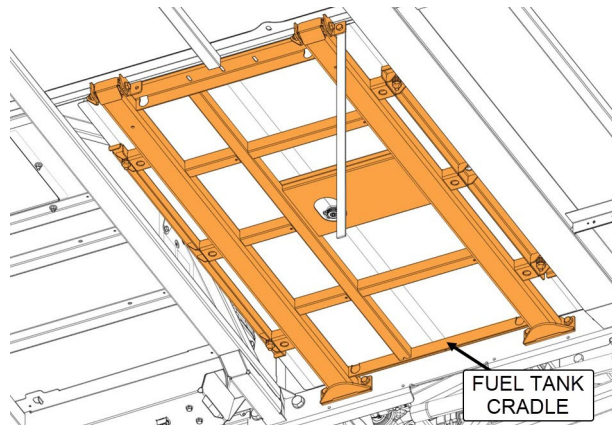
14. Disconnect all fuel lines from the fuel tank accessory plate accessible through the condenser compartment.



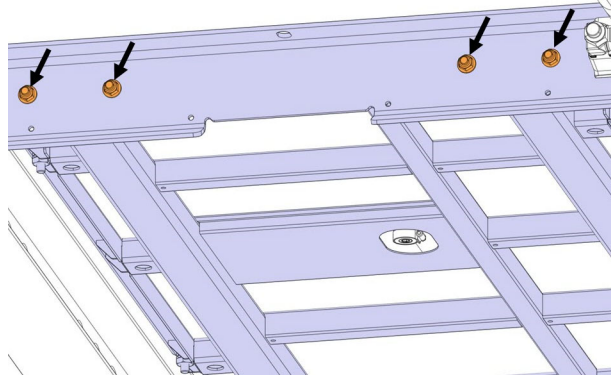
15. Disconnect the three (3) fuel level gauge wires. Make sure to mark the wires before removal.



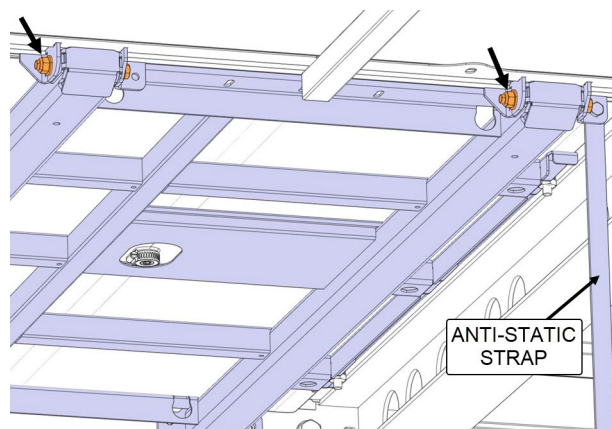
16. Raise the vehicle.  
17. Place a lifting table under the fuel tank cradle, this will be needed to support the tank.



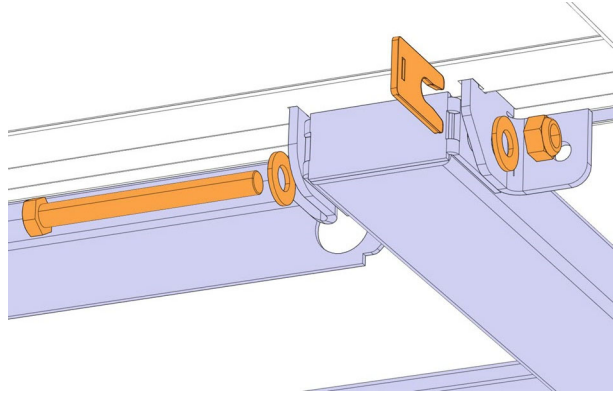
18. Unscrew the four (4) bolts retaining the tank cradle to the frame in the back.  
19. Discard the nuts.



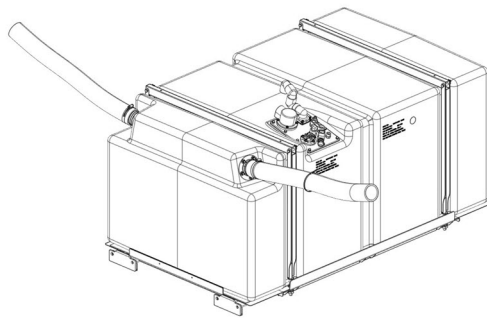
20. Unscrew the two (2) bolts retaining the tank cradle to the frame in the front.  
21. Remove the anti-static strap if needed.



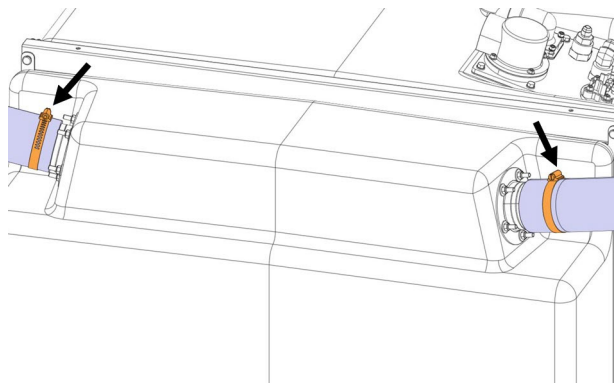
22. Discard the nuts and keep the screws, washers, and shims.



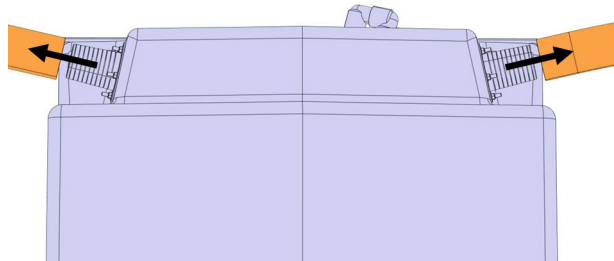
23. Remove the tank assembly from under the vehicle.



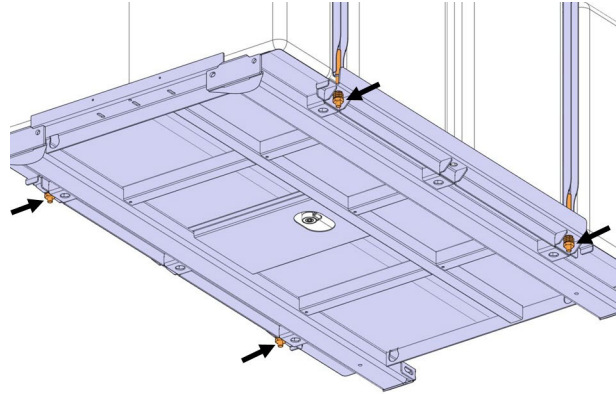
24. Loosen the two (2) hose clamps.



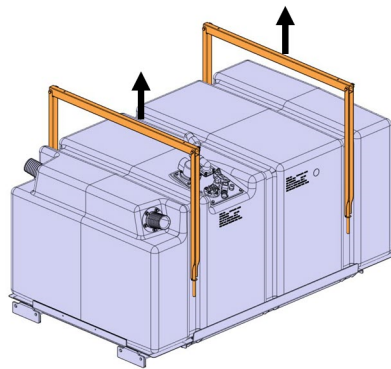
25. Disconnect both filling hoses from the fuel tank.



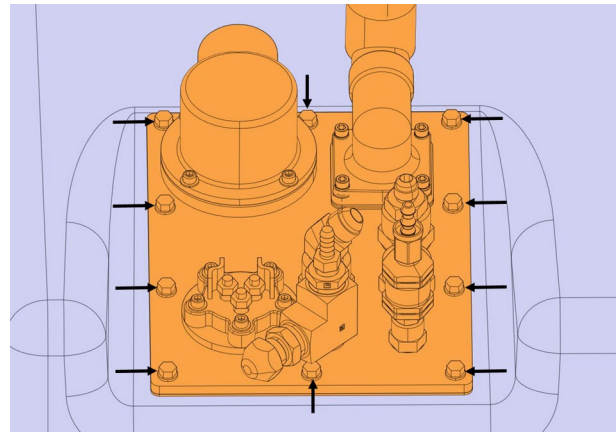
26. Unscrew the four (4) special nuts on both sides of the fuel tank cradle and remove the four (4) springs.



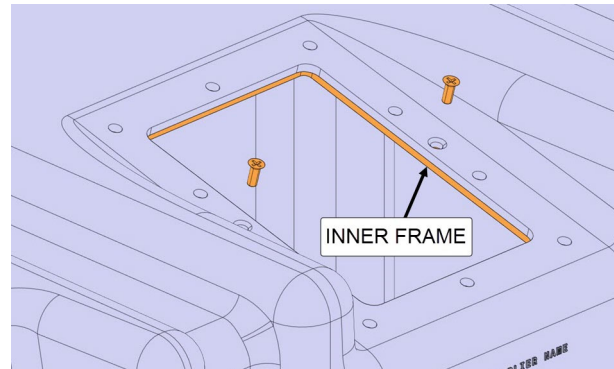
27. Pull up the two (2) tank retainers and remove the tank from the cradle.



28. Remove the ten (10) screws and washers, then take out the entire accessory plate (with valves, fittings, hoses, and gasket).



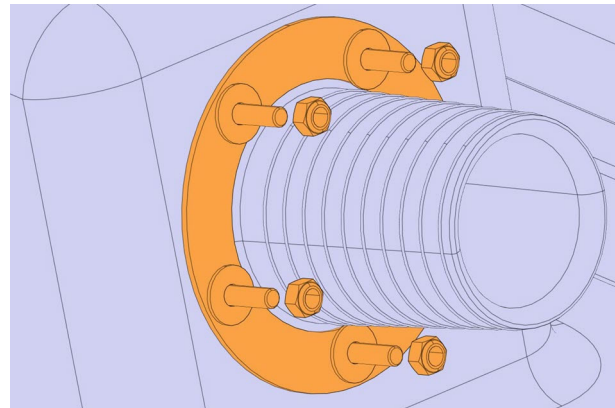
29. Remove the two (2) screws and the accessory plate inner frame.



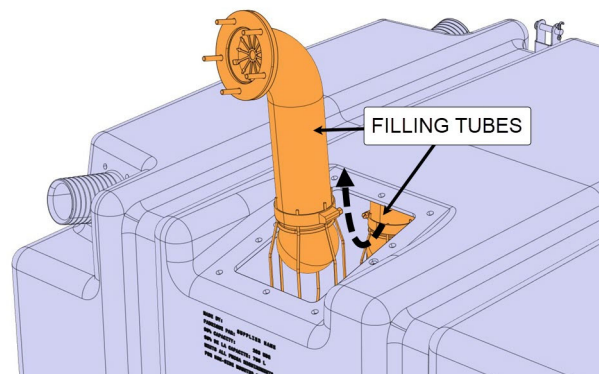
30. Unscrew the two (2) exterior plates on the fuel tank.

**NOTE**

Make sure to support the filling tube through the accessory plate opening.



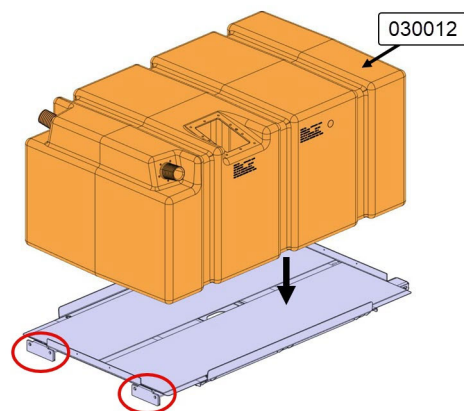
31. Take out the two (2) interior filling tubes with their gaskets through the accessory plate opening.



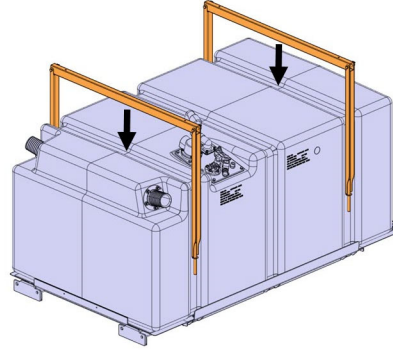
32. Place and center the new fuel tank 030012 on the cradle floor.

**NOTE**

The front and rear ends of the cradle are non-identical. Place the fuel tank as shown in the picture.

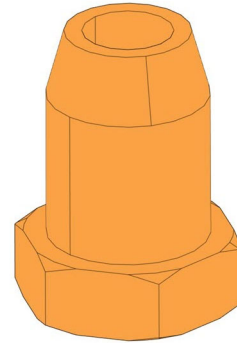


33. Reinstall the two (2) fuel tank retainers.

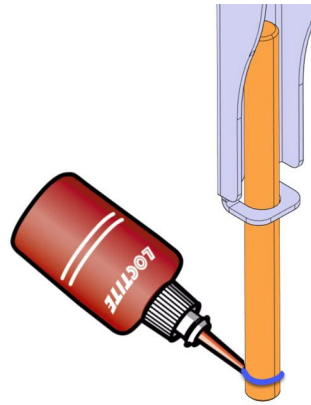


34. Thoroughly clean the four (4) special hexagonal nuts, removed in step 26, with water.

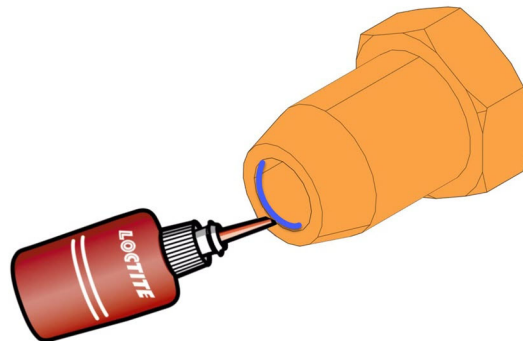
35. Dry the nuts



36. Apply Loctite 243 thread locker on the stud thread of the fuel tank retainer.



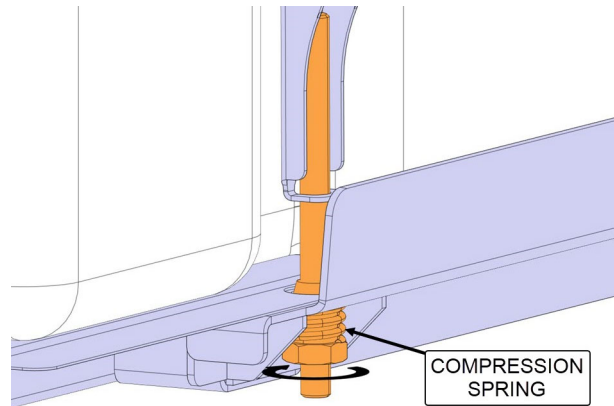
37. Apply Loctite 243 inside the special hexagonal nut.



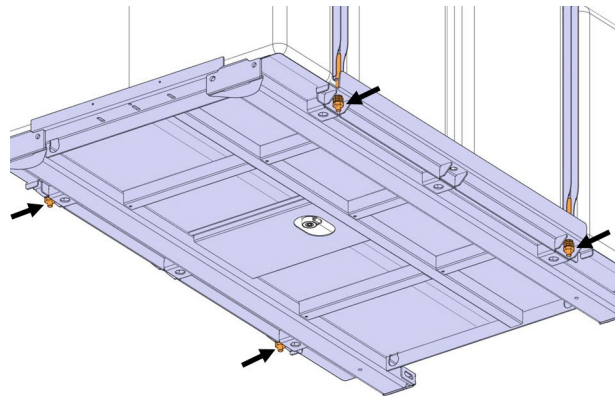
38. Insert the compression spring.
39. Tighten the nut until the spring is fully compressed then loosen three (3) turns.

**NOTE**

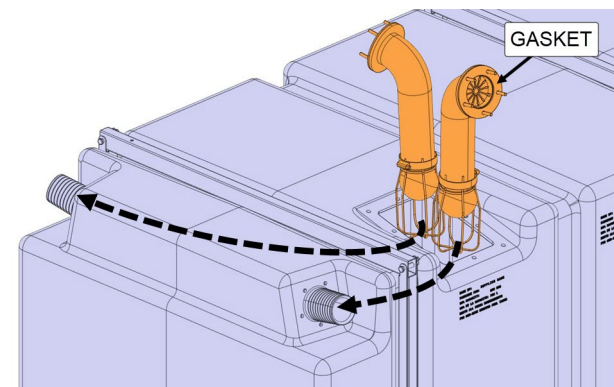
*Make sure that the nut's end goes beyond the cradle floor.*



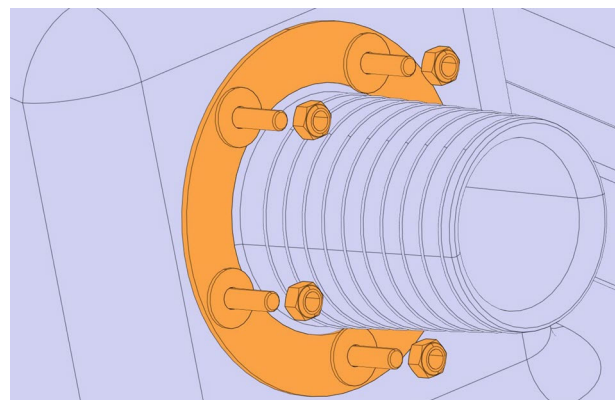
40. Repeat the steps for the three (3) other stud threads.



41. Insert the interior filling tubes with gaskets inside the fuel tank through the accessory plate opening.

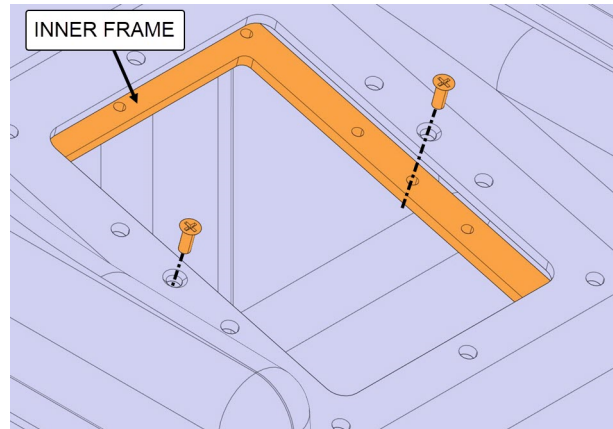


42. Reinstall the two (2) exterior plates, the washers and tighten the ten (10) nylon insert locknuts.

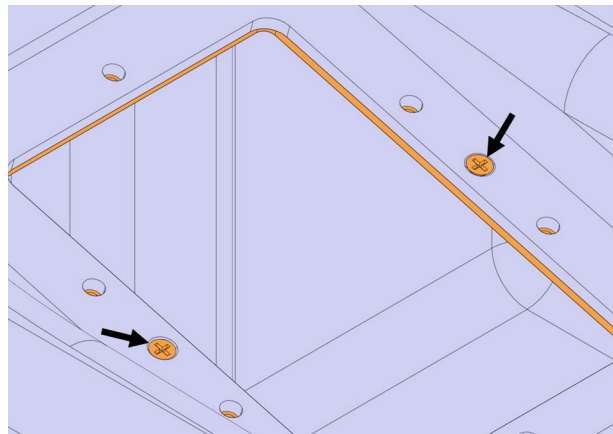




43. Fasten the accessory plate inner frame inside the fuel tank using the two (2) flat-head screws.



44. Fill both screw head cavities with Sika 221 grey sealant.

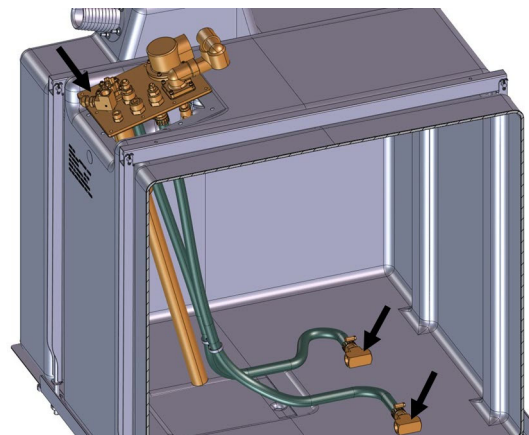


45. Make sure the fuel tank interior is clean.  
Vacuum if necessary.

46. Reinstall the assembled accessory plate.

**NOTE**

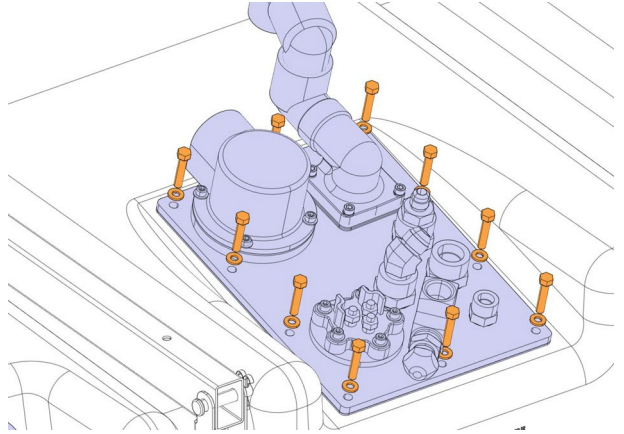
*Place the two (2) long hoses to the center of the tank and make sure that the Tee fittings lay flat at the bottom.*



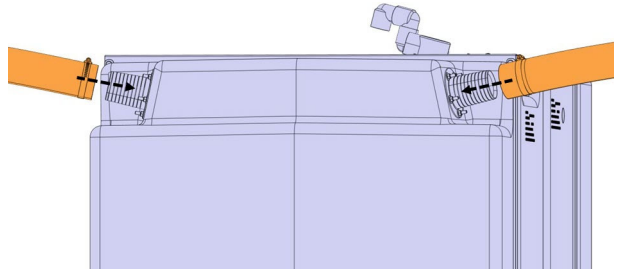
47. Apply liquid Teflon sealant to all cap screws.
48. Reinstall the ten (10) washers and fasten the accessory plate with the screws.

**NOTE**

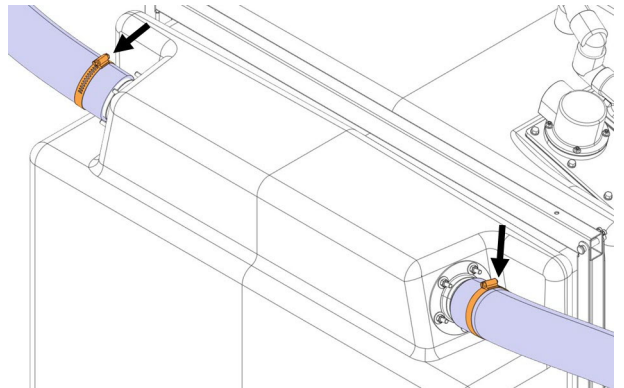
*Start threading all screws before fully tightening.*



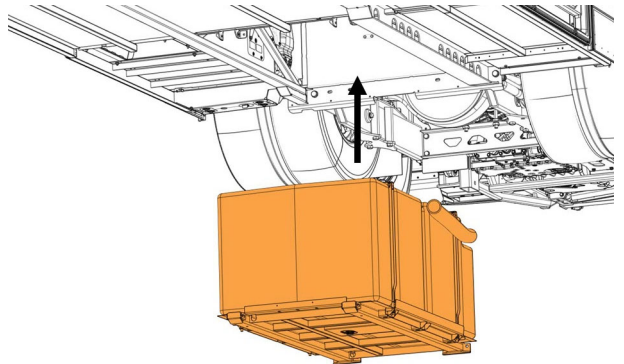
49. Connect the two (2) filling hoses to the fuel tank.



50. Tighten the hose clamps.
51. Tie the filling hoses to the side of the tank to facilitate transport

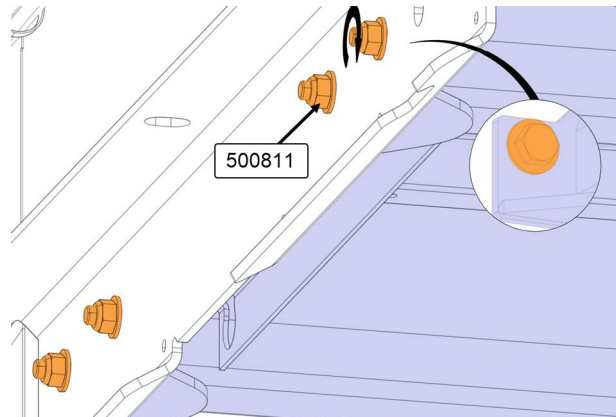


52. Raise the fuel tank assembly using the lifting table.

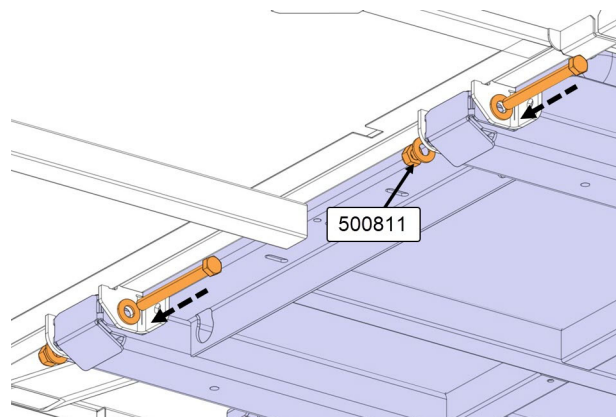


53. Reinstall the four (4) bolts with eight (8) washers retaining tank cradle to the vehicle on the back. Use new nuts 500811.

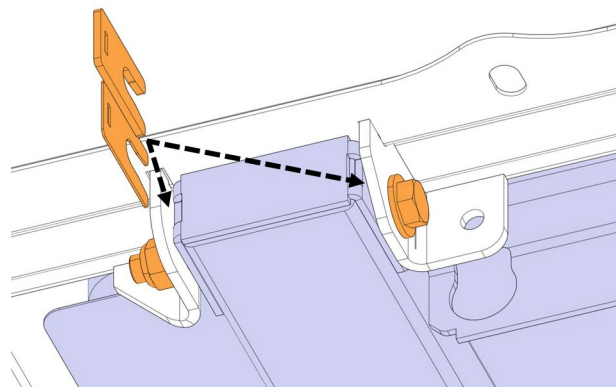
54. Tighten to **82 lb-ft** using torque wrench. Apply torque seal marks.



55. Loosely reinstall the two (2) bolts with four (4) washers retaining tank cradle to the vehicle on the front, in the indicated directions. Use new nuts 500811.

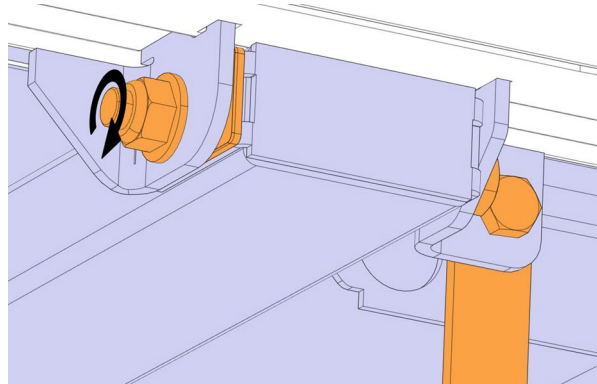


56. Insert shims to fill the gaps between the mounting lugs and the cradle tubing. Keep shims arrangement as found before removal.



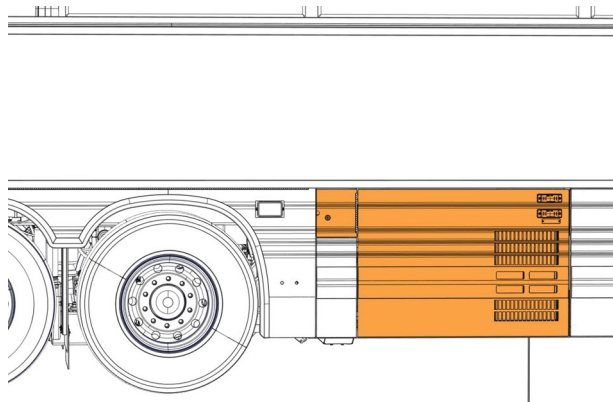
57. Tighten the bolts to **82 lb-ft** using torque wrench. Apply torque seal marks.

58. Reinstall the anti-static strap if earlier removed.

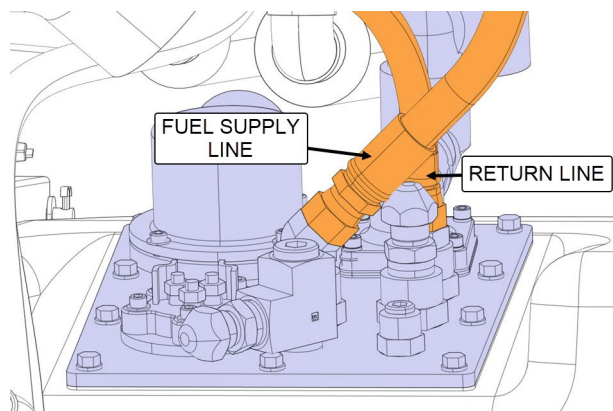


59. Remove the lifting table from under the fuel tank cradle and lower the vehicle.

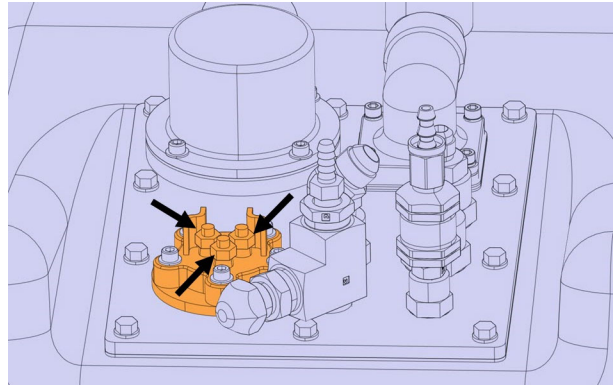
60. Open the curbside fuel door and the condenser compartment door.



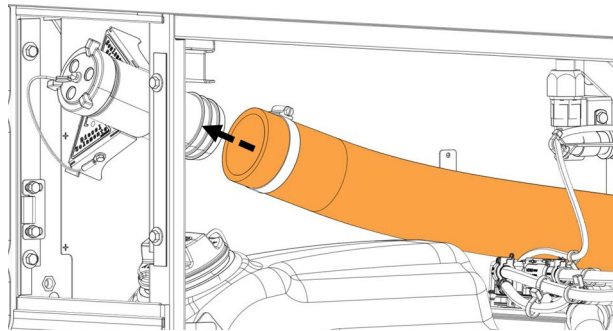
61. Reconnect the fuel supply line and return line to the accessory plate, accessible through the condenser compartment.



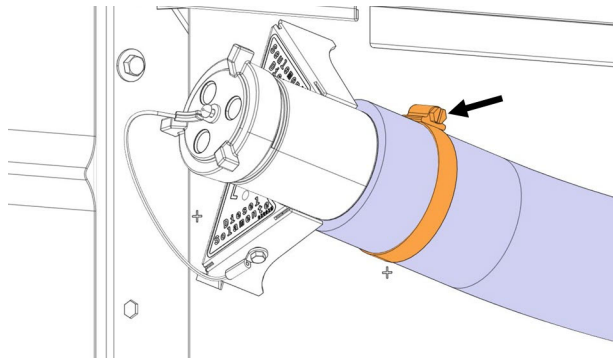
62. Reconnect the fuel level gauge wires. Secure the crimp connectors to their corresponding terminals as marked before removal.



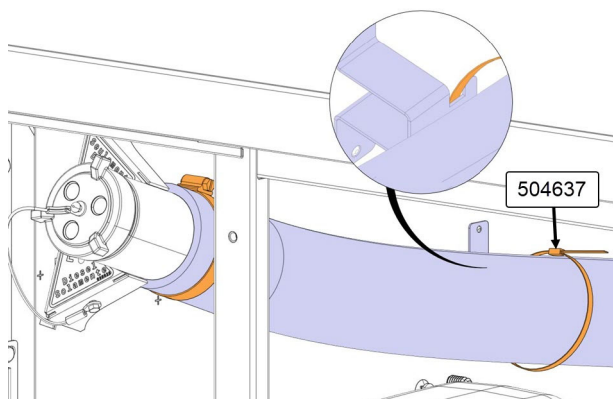
63. Reconnect the curbside side filling hose to the filler neck.



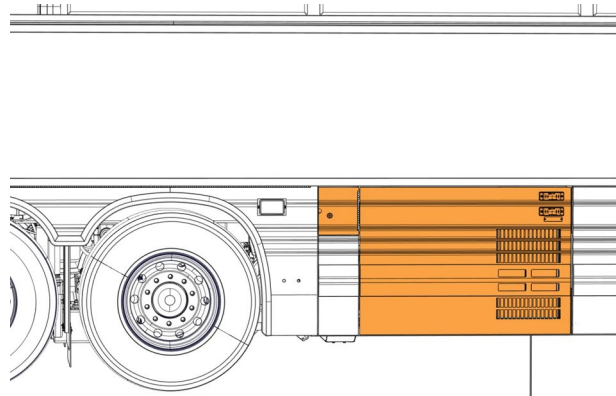
64. Tighten the hose clamp to secure the filling hose on the filler neck.



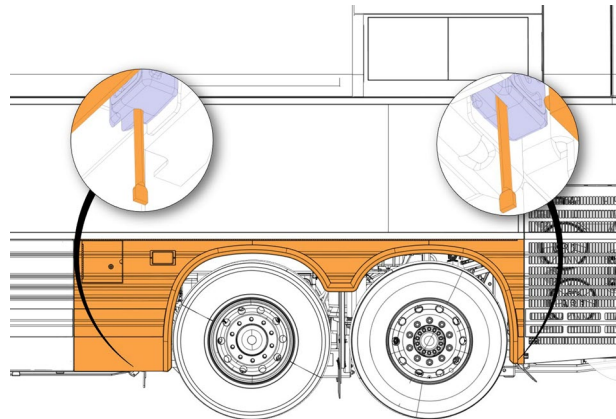
65. Attach the filling hose to the support structure with a new tie wrap 504637.



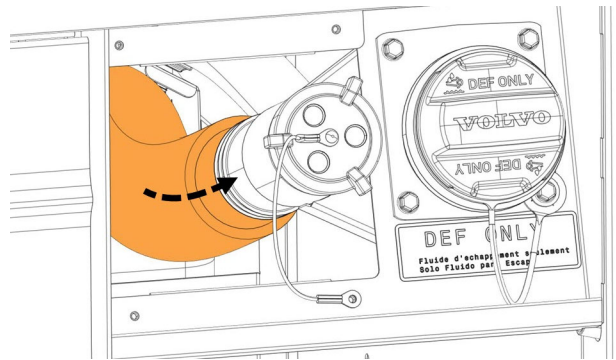
66. Close the curbside fuel door and the condenser compartment door.



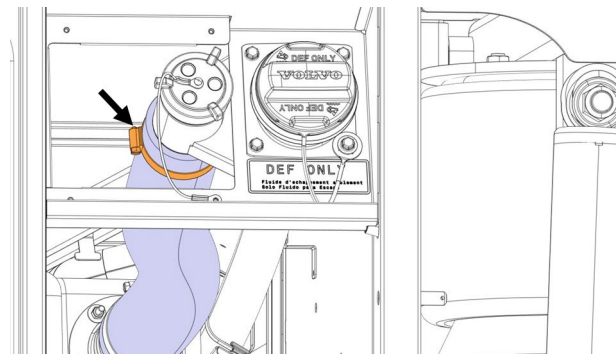
67. Push the spring type rods sideways and raise the streetside rear fender.



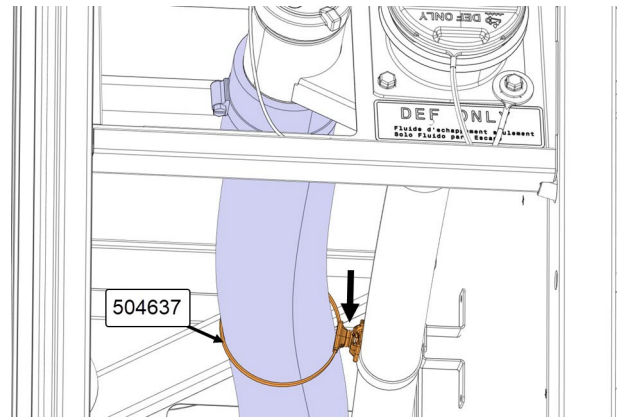
68. Reconnect the streetside filling hose to the filler neck



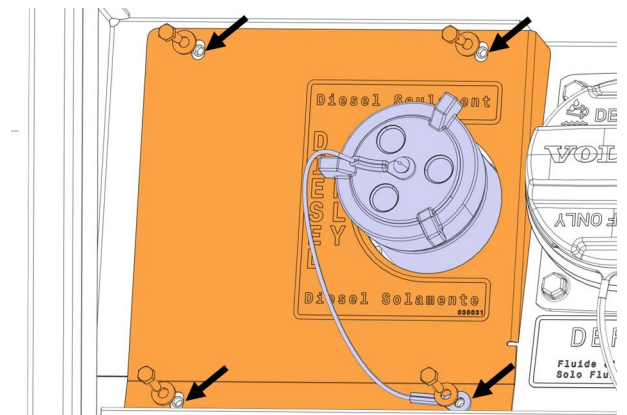
69. Tighten the hose clamp to secure the filling hose on the filler neck.



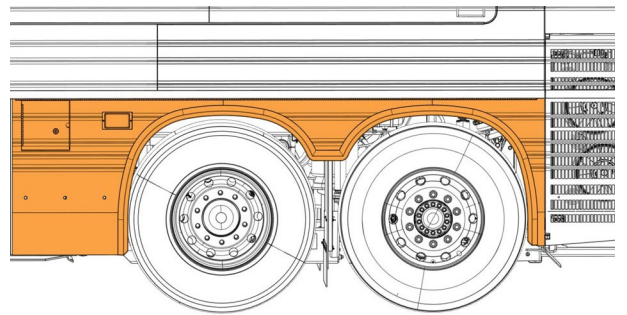
70. Attach the filling hose to the dual saddle spacer with a new tie-wrap 504637.



71. Reinstall the closing plat. Screw the fuel cap cable to the bottom-right side bolt.



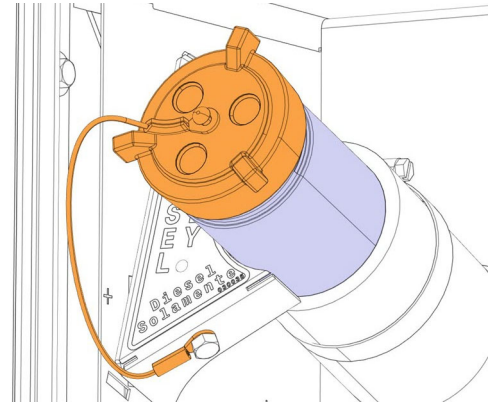
72. Close the streetside rear fender



73. Fill the fuel tank and check for leaks.  
Refer to fuel tank inspection section in page 5.

## FUEL TANK REPLACEMENT (ONLY IF REQUIRED) X3-45 COACHES

1. Remove the fuel filling cap.



2. Lift the vehicle.

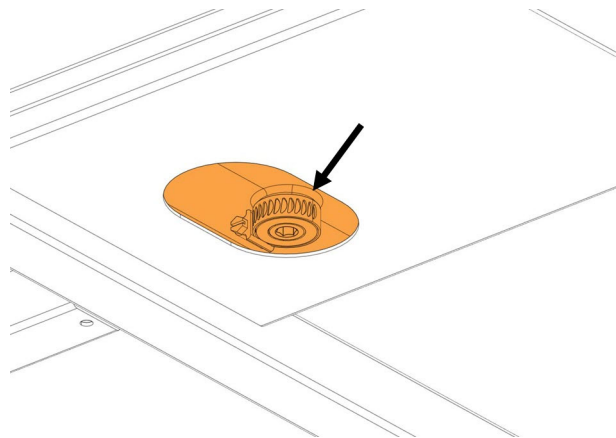
3. Empty the fuel tank by unscrewing the drain plug.

**NOTE**

*Ensure that the container used has a capacity equal to the amount of fuel remaining in the tank.*

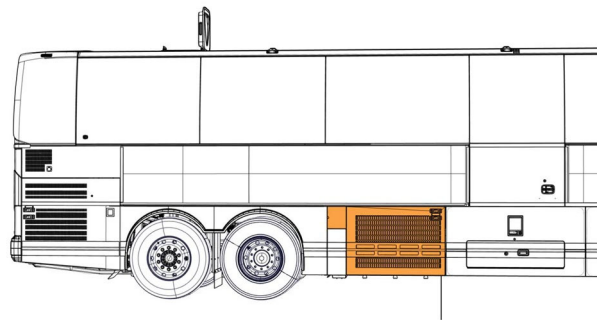
**NOTE**

*In the following steps, keep all the removed components and hardware to reinstall on the new tank unless otherwise specified.*



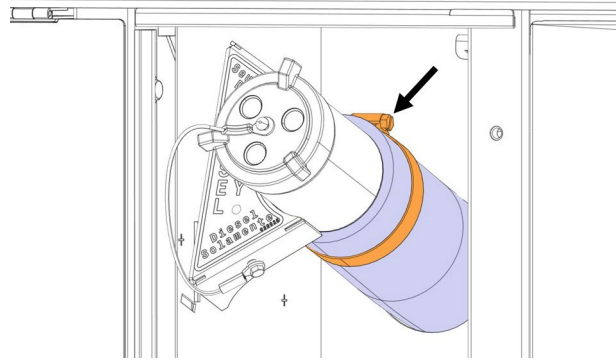
4. Lower the vehicle.

5. Open the fuel door and the condenser compartment door on the curbside.

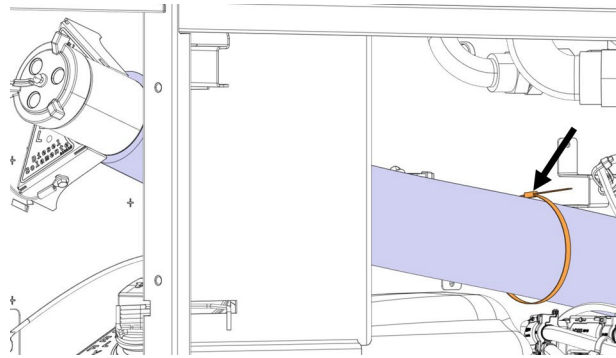




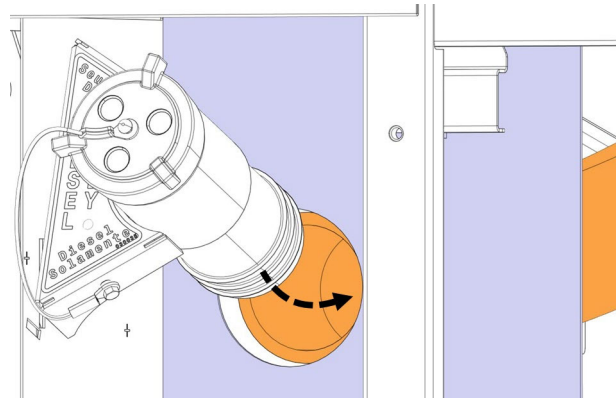
6. Unscrew the hose clamp.



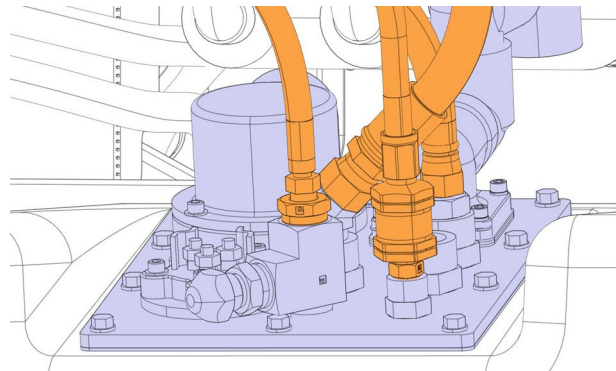
7. Cut the tie-wrap securing the filling hose.



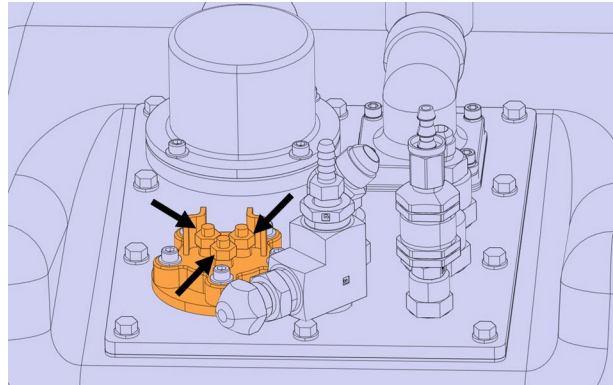
8. Disconnect the filling hose from the filler neck then pull it out through the protector.



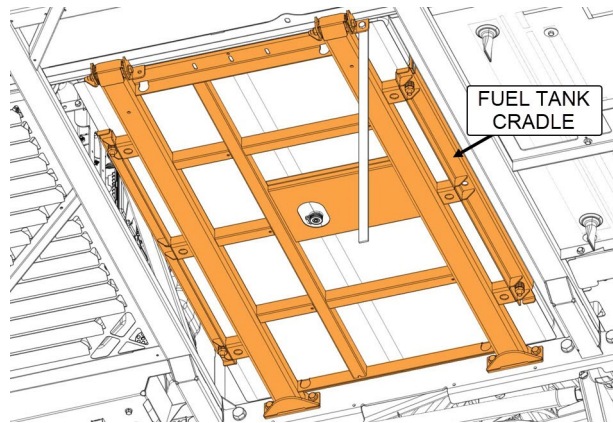
9. Disconnect all the fuel lines from the fuel tank accessory panel accessible through the condenser compartment.



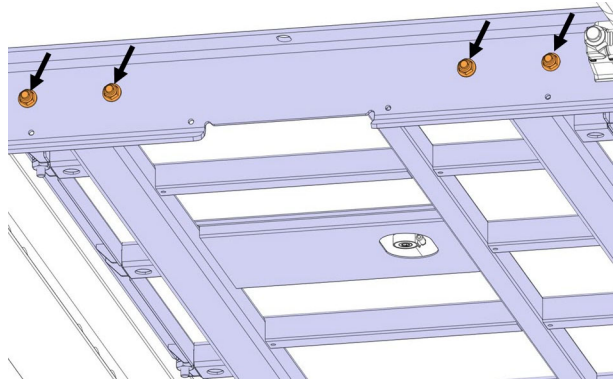
10. Disconnect the three (3) fuel level gauge wires. Make sure to mark the wires before removal.



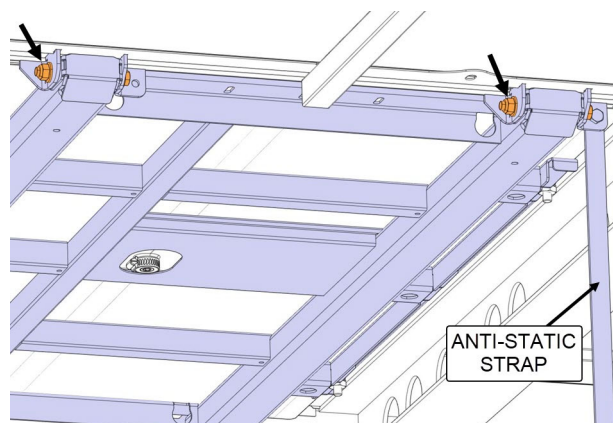
11. Raise the vehicle.  
12. Place a lifting table under the fuel tank cradle, this will be needed to support the tank.



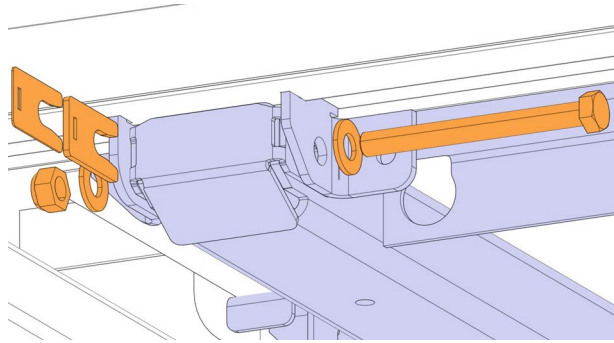
13. Unscrew the four (4) bolts retaining the tank cradle to the frame in the back.  
14. Discard the nuts.



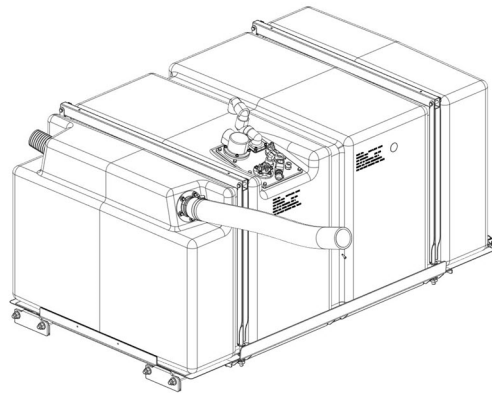
15. Unscrew the two (2) bolts retaining the tank cradle to the frame in the front.  
16. Remove the anti-static strap if needed.



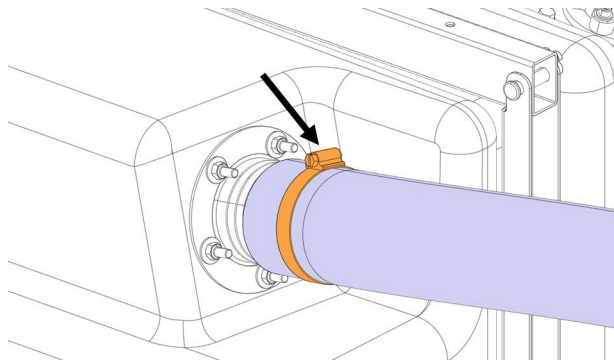
17. Discard the nuts and keep the screws, washers, and shims.



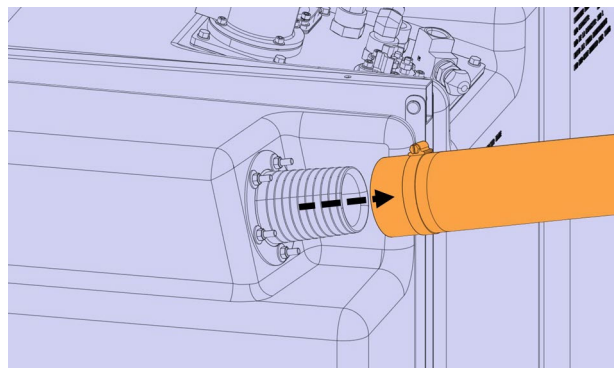
18. Remove the tank assembly from under the vehicle.



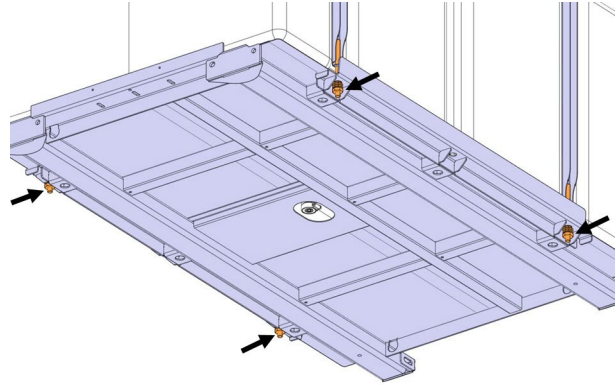
19. Loosen the hose clamp.



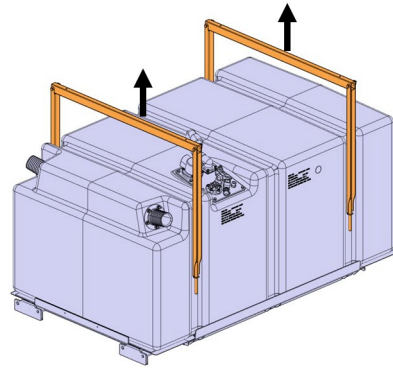
20. Disconnect the filling hose from the fuel tank.



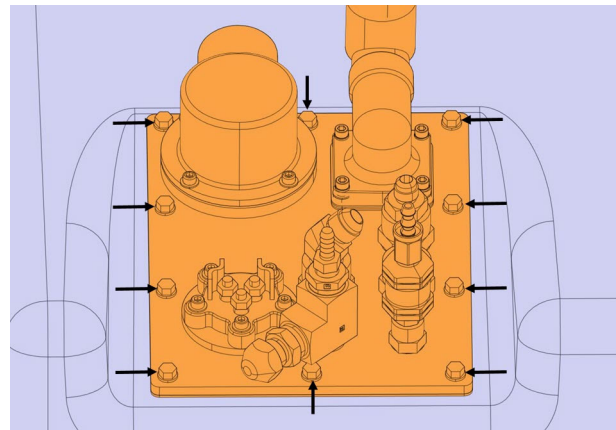
21. Unscrew the four (4) nuts on both sides of the fuel tank cradle and remove the four (4) springs.



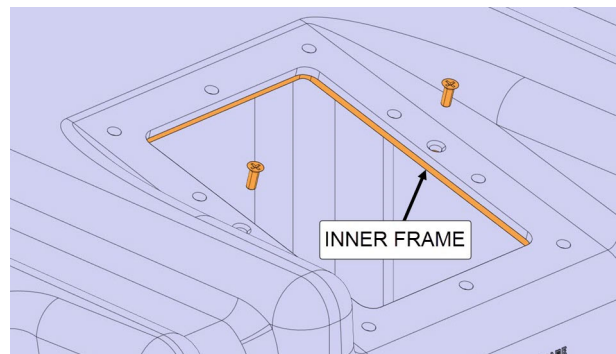
22. Pull up the two (2) tank retainers and remove the tank from the cradle.



23. Remove the ten (10) screws and washers, then take out the entire accessory plate (with valves, fittings, hoses, and gasket).



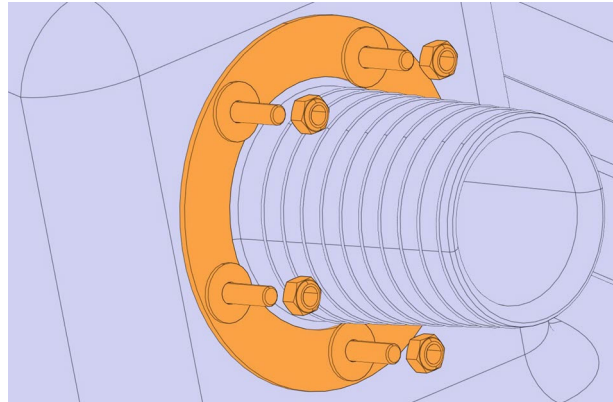
24. Remove the two (2) screws and the accessory plate inner frame.



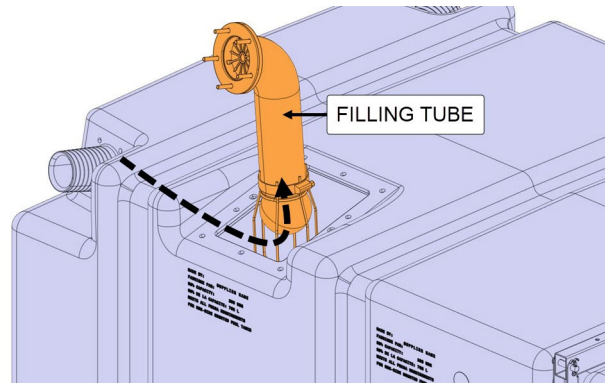
25. Unscrew the exterior plate.

**NOTE**

Make sure to support the filling tube through the accessory plate opening.



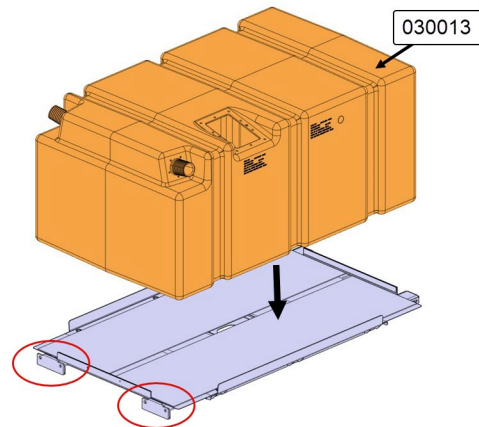
26. Remove the interior filling tube through the accessory plate opening.



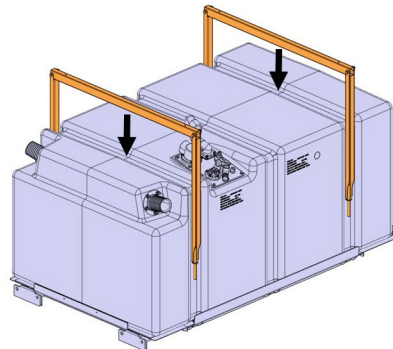
27. Place and center the new fuel tank 030013 on the cradle floor.

**NOTE**

The front and rear ends of the cradle are non-identical. Place the fuel tank as shown in the picture.

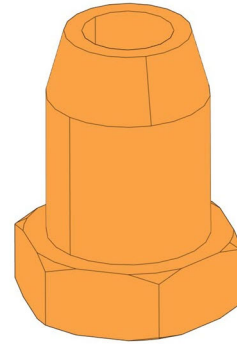


28. Reinstall the two (2) fuel tank retainers.

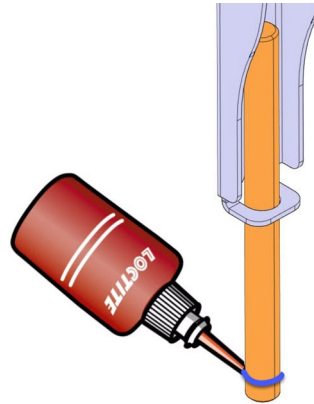


29. Thoroughly clean the four (4) special hexagonal nuts, removed in step 21, with water.

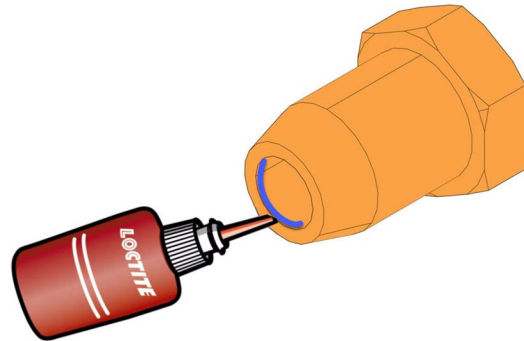
30. Dry the nuts.



31. Apply Loctite 243 thread locker on the stud thread of the fuel tank retainer.



32. Apply Loctite 243 inside the special hexagonal nut.

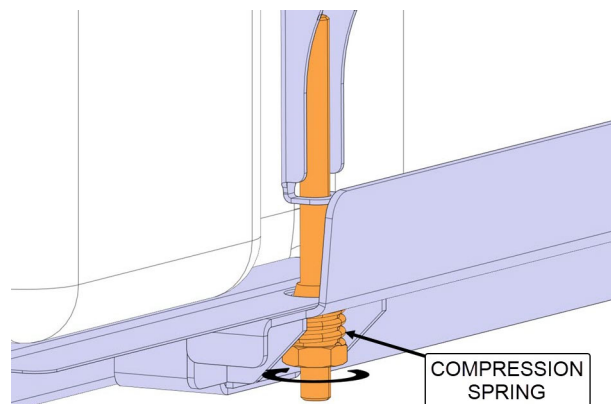


33. Insert the compression spring.

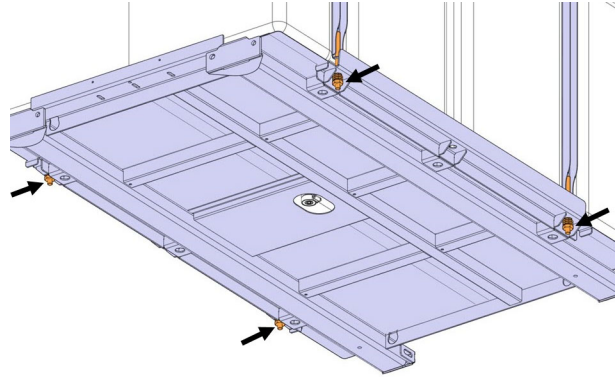
34. Tighten the nut until the spring is fully compressed then loosen three (3) turns.

**NOTE**

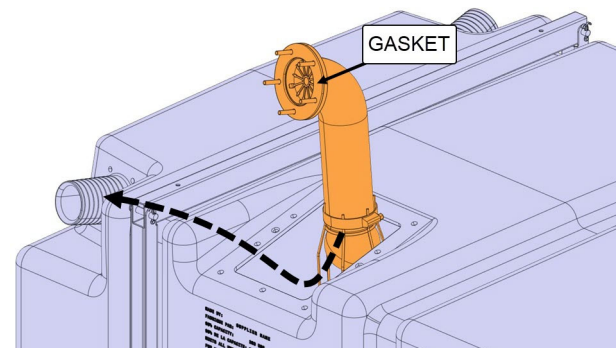
*Make sure that the nut's end goes beyond the cradle floor.*



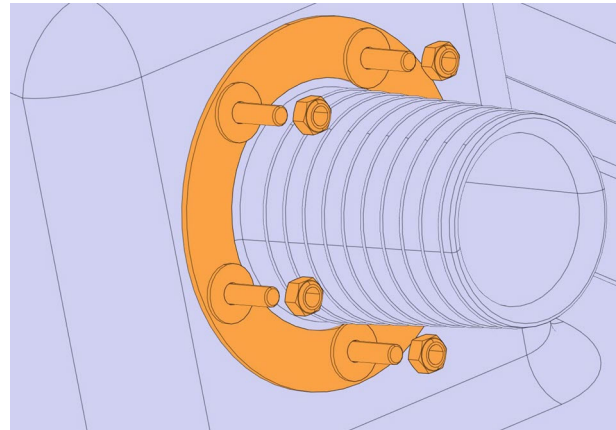
35. Repeat the steps for the three (3) other stud threads.



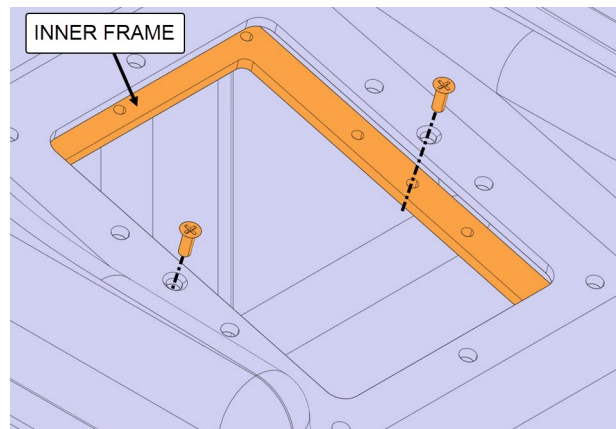
36. Insert the interior filling tube with gasket inside the fuel tank through the accessory plate opening.



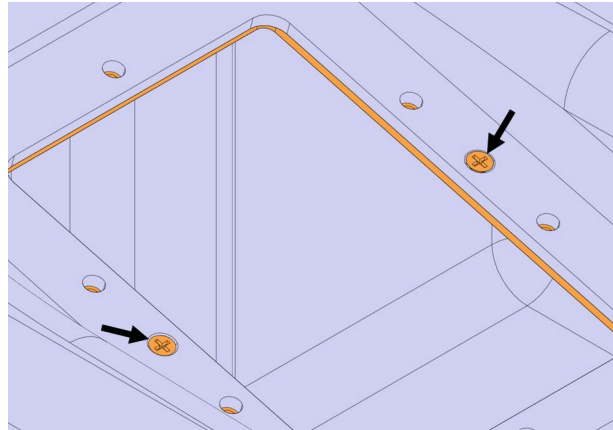
37. Reinstall the exterior plate, washers and tighten the five (5) nylon insert locknuts to secure the filling tube.



38. Fasten the accessory plate inner frame inside the fuel tank using the two (2) flat-head screws.



39. Fill both screw head cavities with Sika 221 grey sealant.

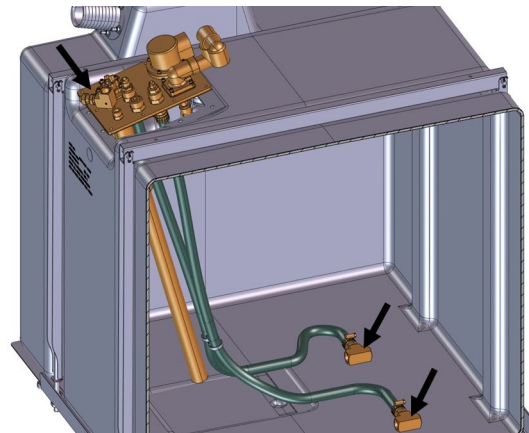


40. Make sure the fuel tank interior is clean.  
Vacuum if necessary.

41. Reinstall the assembled accessory plate.

**NOTE**

*Place the two (2) long hoses to the center of the tank and make sure that the Tee fittings lay flat at the bottom.*

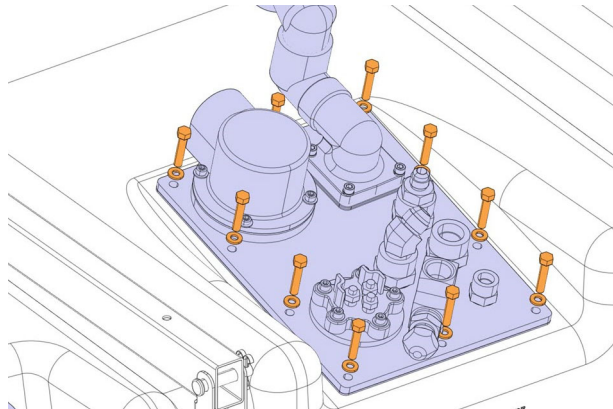


42. Apply liquid Teflon sealant to all cap screws.

43. Reinstall the ten (10) washers and fasten the accessory plate with the screws.

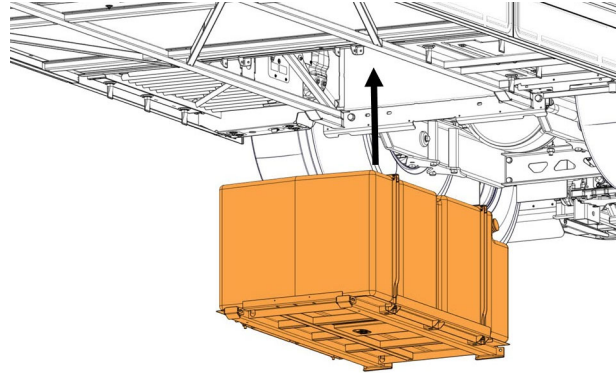
**NOTE**

*Start threading all screws before fully tightening.*



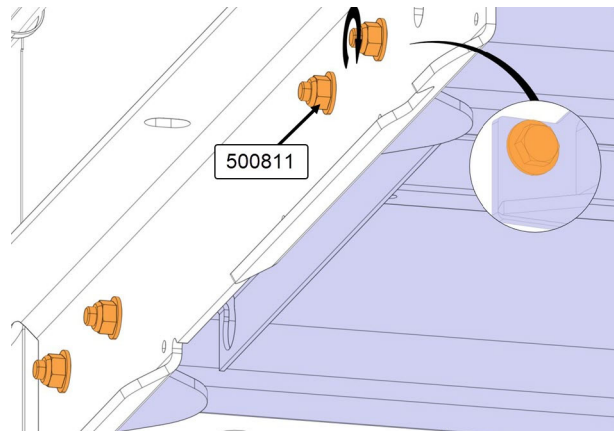


44. Raise the fuel tank assembly using the lifting table.

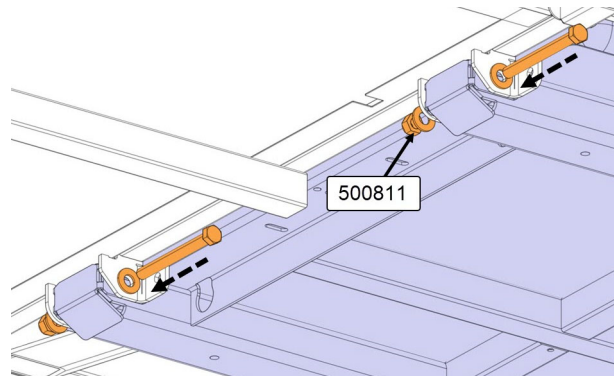


45. Reinstall the four (4) bolts with eight (8) washers retaining tank cradle to the vehicle on the back. Use new nuts 500811.

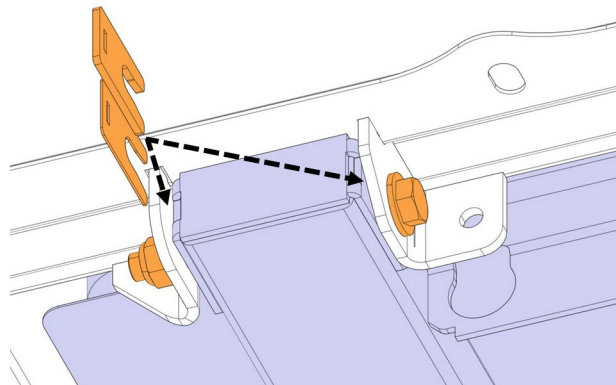
46. Tighten to **82 lb-ft** using torque wrench. Apply torque seal marks.



47. Loosely reinstall the two (2) bolts with four (4) washers retaining tank cradle to the vehicle on the front, in the indicated directions. Use new nuts 500811.

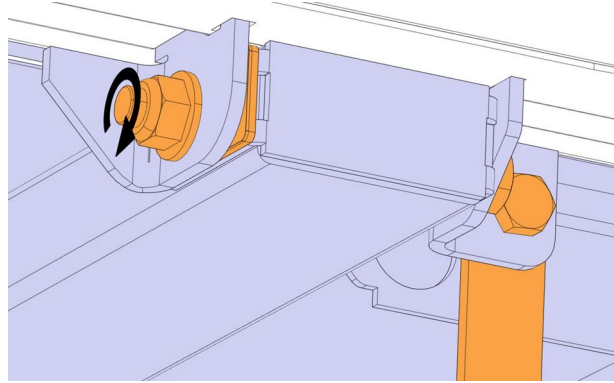


48. Insert shims to fill the gaps between the mounting lugs and the cradle tubing. Keep shims arrangement as found before removal.



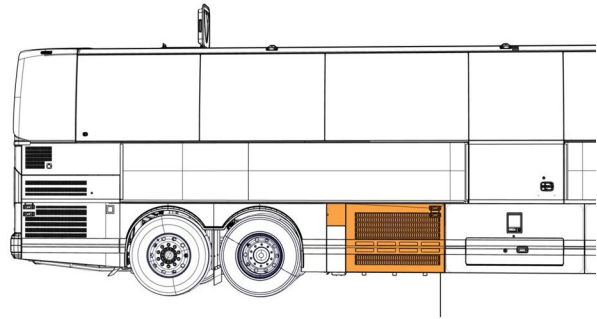
49. Tighten to **82 lb-ft** using torque wrench.  
Apply torque seal marks.

50. Reinstall the anti-static strap if earlier removed.



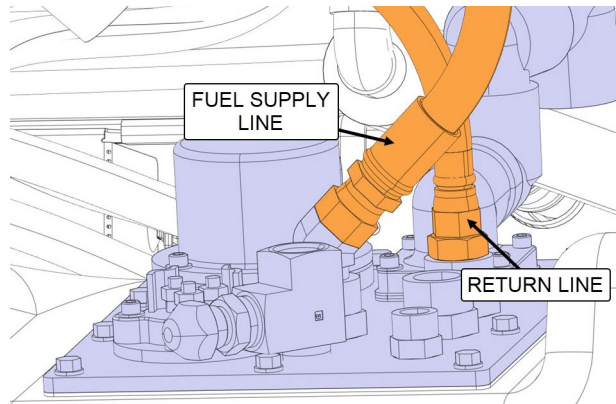
51. Remove the lifting table from under the fuel tank cradle and lower the vehicle.

52. Open the fuel door and the condenser compartment door on the curbside.

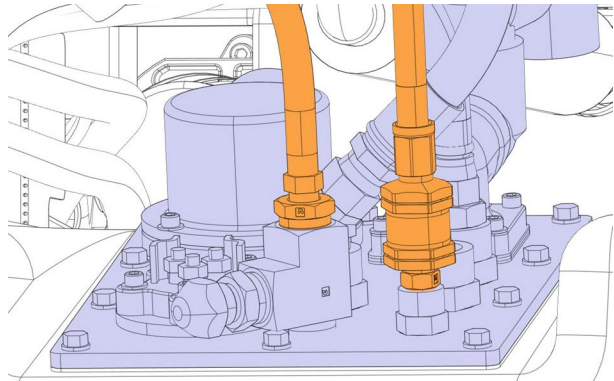


53. Reconnect the engine supply line to the accessory plate. Apply manual torque of **46 lb-ft**.

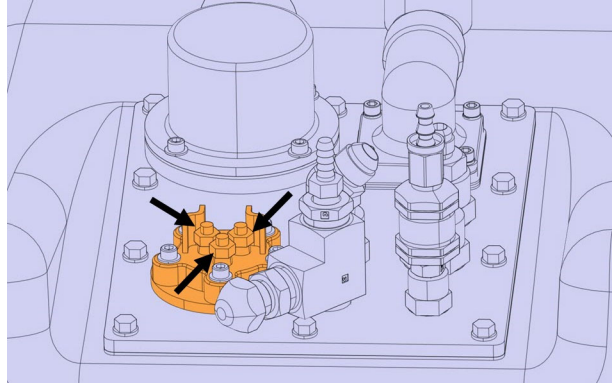
54. Reconnect the return line to the accessory plate. Apply manual torque of **21 lb-ft**.



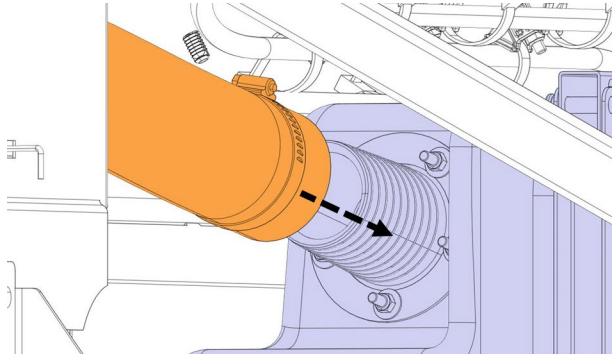
55. Reconnect the preheater supply and return lines, if applicable.



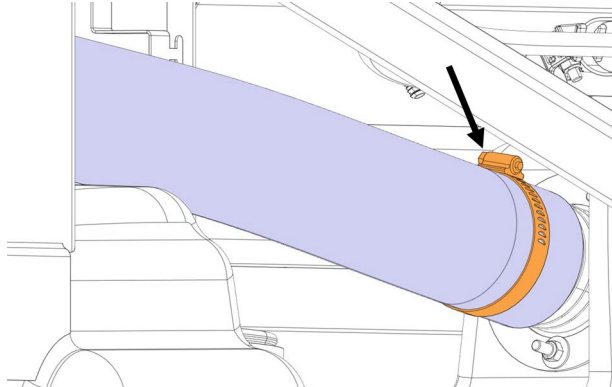
56. Reconnect the fuel level gauge wires. Secure the crimp connectors to their corresponding terminals as marked before removal.



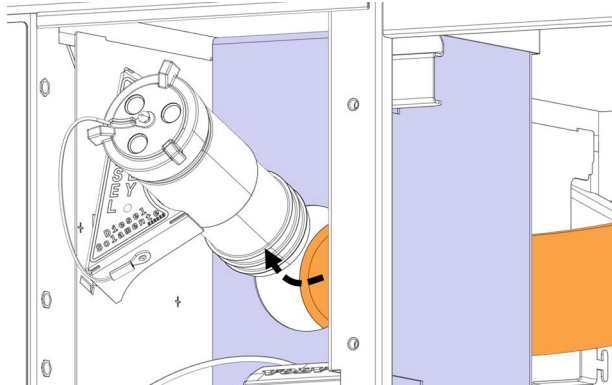
57. Connect the filling hose to the fuel tank accessible through the condenser compartment.



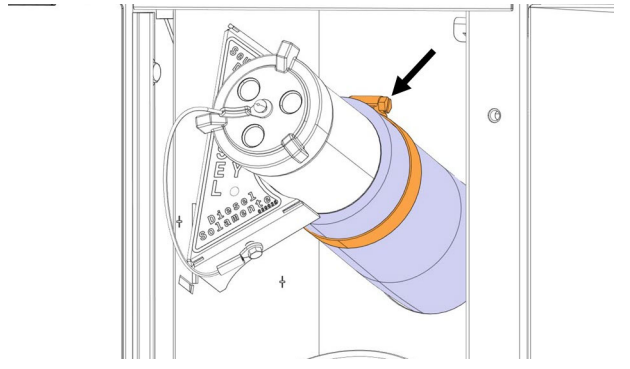
58. Tighten the hose clamp to secure the filling hose on the fuel tank.



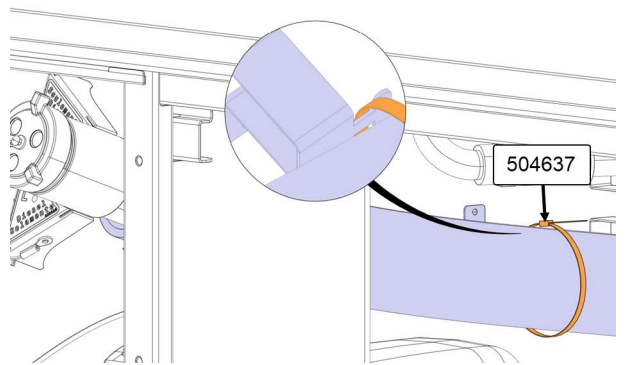
59. Route the filling hose through the protector and connect it to the filler neck.



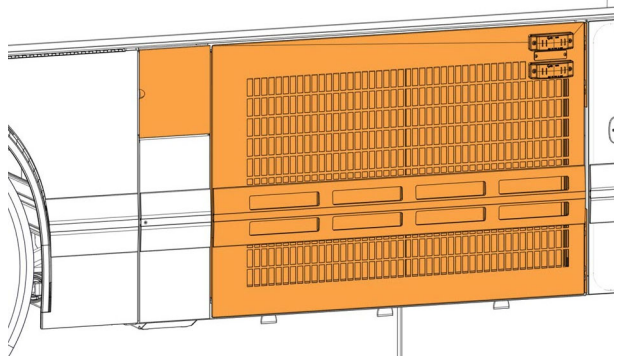
60. Reinstall the hose clamp on the filling hose and tighten it.



61. Attach the filling hose to the support structure with a new tie wrap 504637.



62. Close the fuel door and the condenser compartment door.



63. Fill the fuel tank and check for leaks.  
Refer to fuel tank inspection section in page 5.

## PARTS / WASTE DISPOSAL

Replaced fuel tank must be returned to Prevost according to the Return Shipping Instructions available on <https://www.prevostcar.com/content/warranty-documents> for full reimbursement. A copy of the warranty claim form must be enclosed with the shipment.

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

## WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and labor as follows upon receipt of a warranty claim.

½ hour (0.5) of labor for fuel tank inspection only.

3 ½ hours (3.5) of labor for fuel tank inspection and replacement for H3-45 and X3-45 coaches.

4 ½ hours (4.5) of labor for fuel tank inspection and replacement for H3-45 VIP and X3-45 VIP motorhomes.

Please submit claim via our Online Warranty System, available at [www.prevostcar.com](http://www.prevostcar.com) (under Service \ Warranty section).

- Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB24-18".

## OTHER

VBC Bulletin	N/A
Fail Code	03.01
Defect Code	09
Syst. Cond	B
Causal Part	030007

Access all our Service Bulletins on  
<http://techpub.prevostcar.com/en/>  
or scan the QR-Code with your smart phone.



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