

Removal

NOTICE: Reductant fluid can corrode some metals. Reductant fluid must be stored and transported carefully. Reductant fluid must be disposed of according to local regulations.

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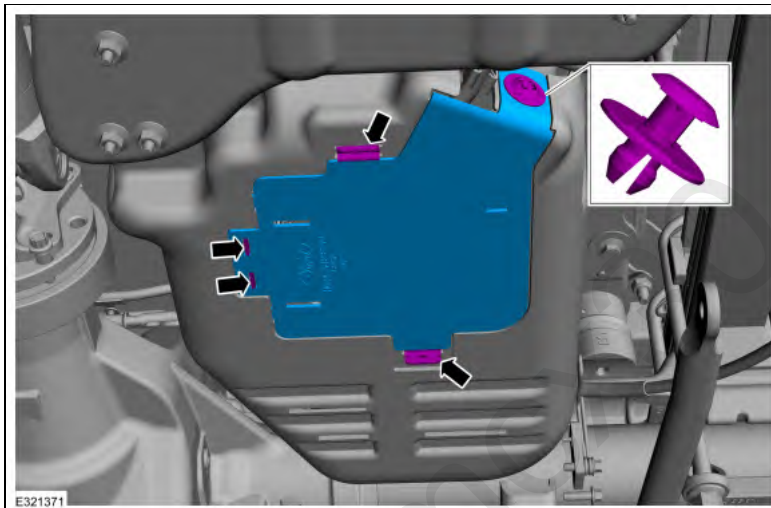
NOTICE: Petroleum contamination will cause permanent damage to the reductant system.

All vehicles

1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).

Inboard Frame Mounted Reductant Tank

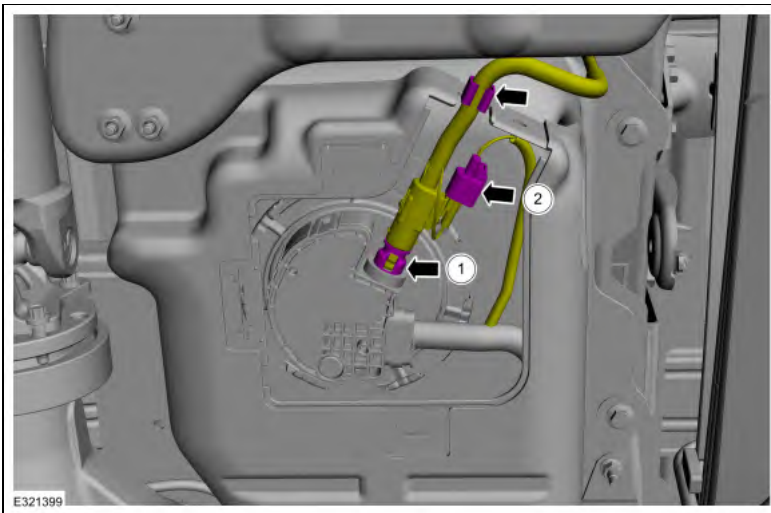
2. Remove the lower reductant tank cover access door retainer and then remove the lower reductant tank cover access door.



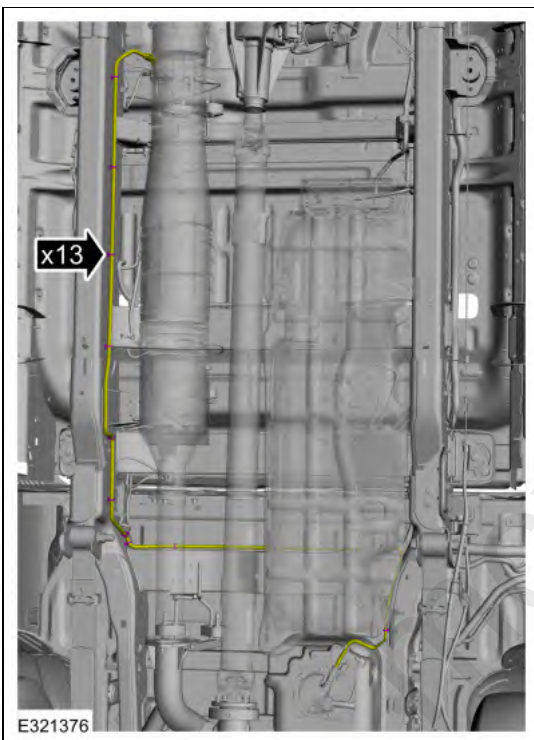
3. **NOTICE:** When disconnecting the reductant pressure line from the reductant pump assembly, gently press the reductant pressure line connector towards the pump assembly and hold. Then press the connector tabs and pull the connector straight off the pump assembly nipple. Failure to follow these instructions may cause damage to the reductant pump assembly and the reductant pressure line.

NOTE: Disconnect the reductant pressure line before disconnecting the reductant pressure line heater electrical connector.

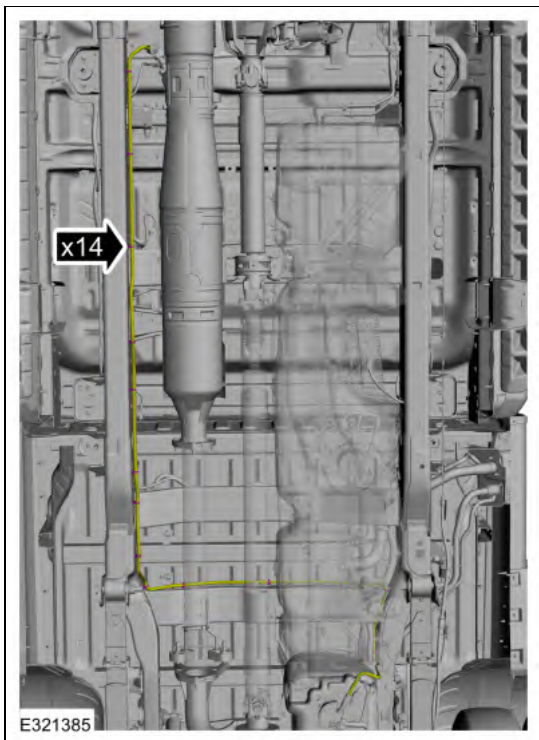
1. Disconnect the reductant pressure line quick release coupling from the reductant pump.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .
2. Disconnect the reductant pressure line heater electrical connector.
 - Release the reductant pressure line from the reductant tank cover retainer and the reductant tank.



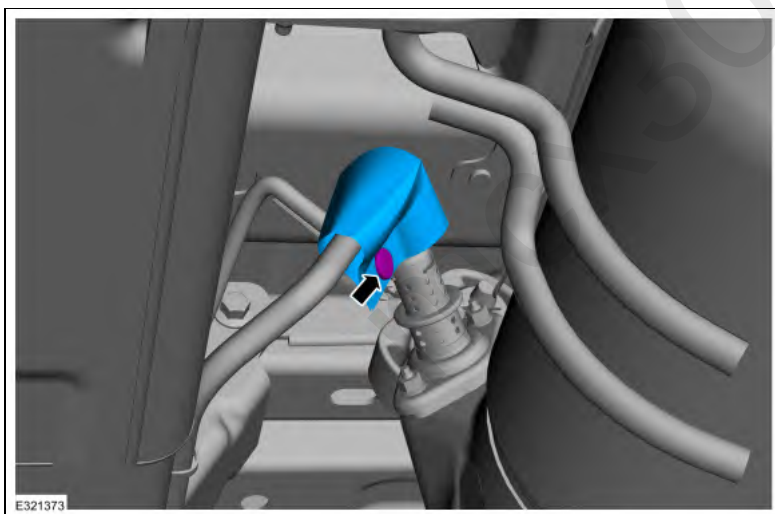
4. Detach the reductant pressure line retainers.



5. If equipped
Detach the reductant pressure line retainers.



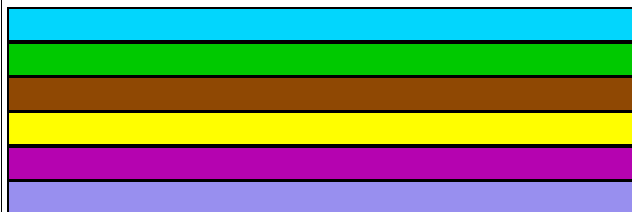
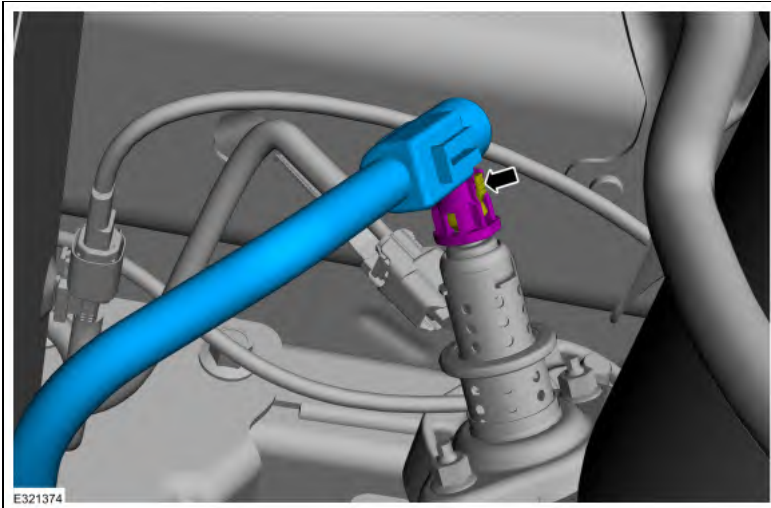
6. Remove the reductant injector heat shield.



7. **NOTE:** When disconnecting the reductant pressure line from the reductant injector, gently press the reductant pressure line connector towards the injector and hold. Then press the connector tabs and pull the connector straight off the injector nipple. Failure to follow these instructions may cause damage to the reductant injector and the reductant pressure line.

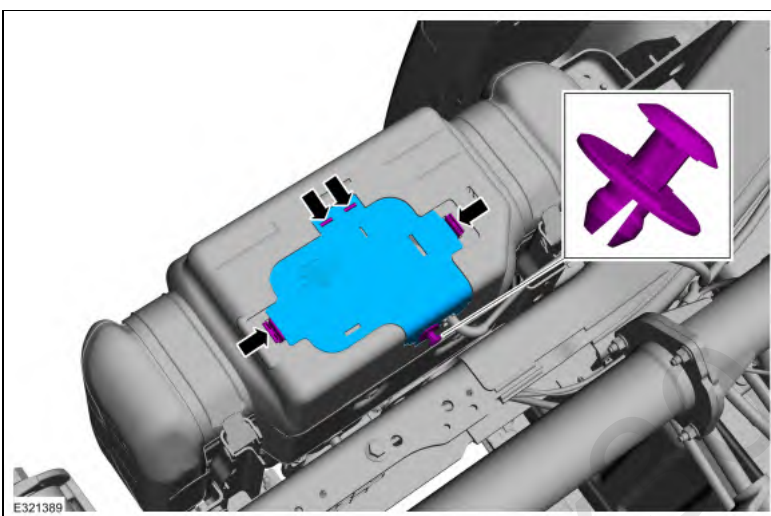
NOTE: Do not use any tools when disconnecting the reductant pressure line. The use of tools may cause a deformity in the clip components which may cause reductant leaks.

Gently press the reductant pressure line connector towards the reductant injector and hold. Press the reductant pressure line connector tabs and pull the reductant pressure line connector straight off the reductant injector nipple. Remove the reductant pressure line.



Outboard Frame Mounted Reductant Tank

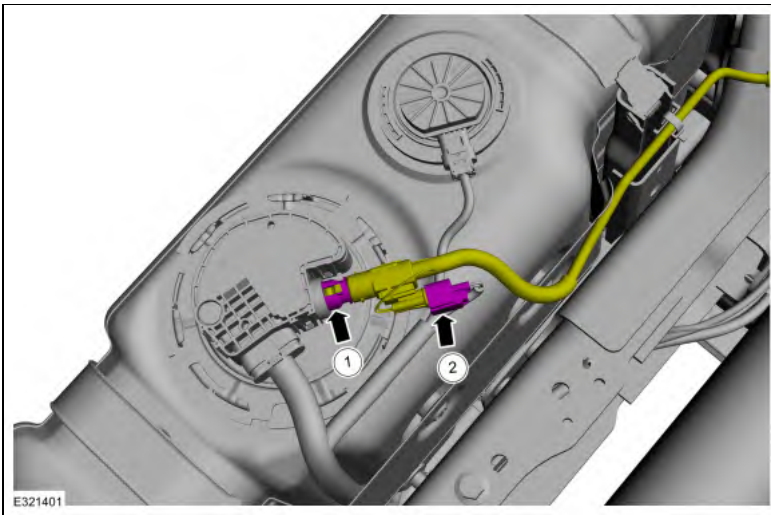
8. Remove the lower reductant tank cover access door retainer and then remove the lower reductant tank cover access door.



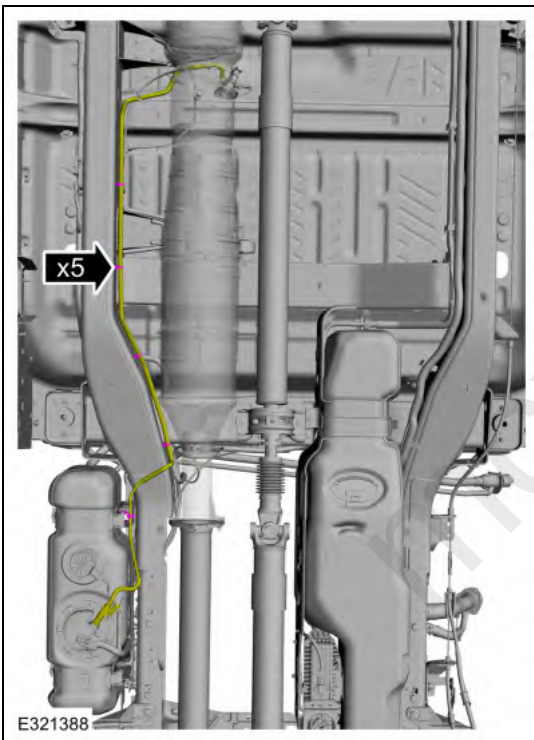
9. **NOTICE:** When disconnecting the reductant pressure line from the reductant pump assembly, gently press the reductant pressure line connector towards the pump assembly and hold. Then press the connector tabs and pull the connector straight off the pump assembly nipple. Failure to follow these instructions may cause damage to the reductant pump assembly and the reductant pressure line.

NOTE: Disconnect the reductant pressure line before disconnecting the reductant pressure line heater electrical connector.

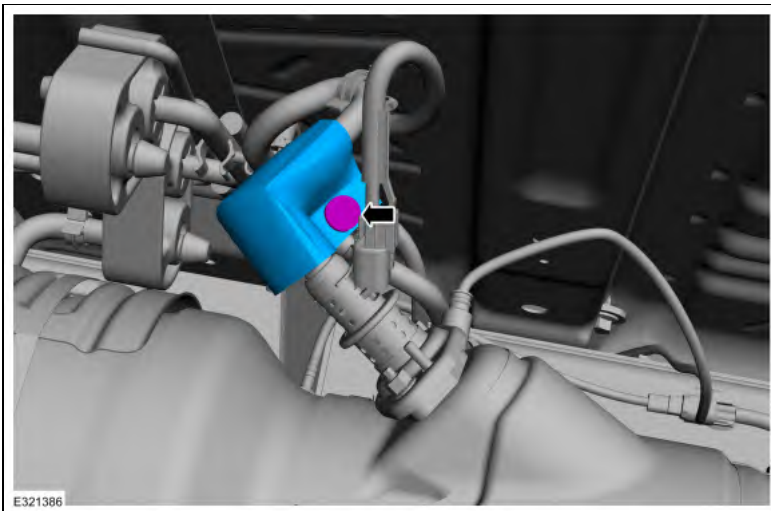
1. Disconnect the reductant pressure line quick release coupling from the reductant pump.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .
2. Disconnect the reductant pressure line heater electrical connector.



10. Detach the reductant pressure line retainers.



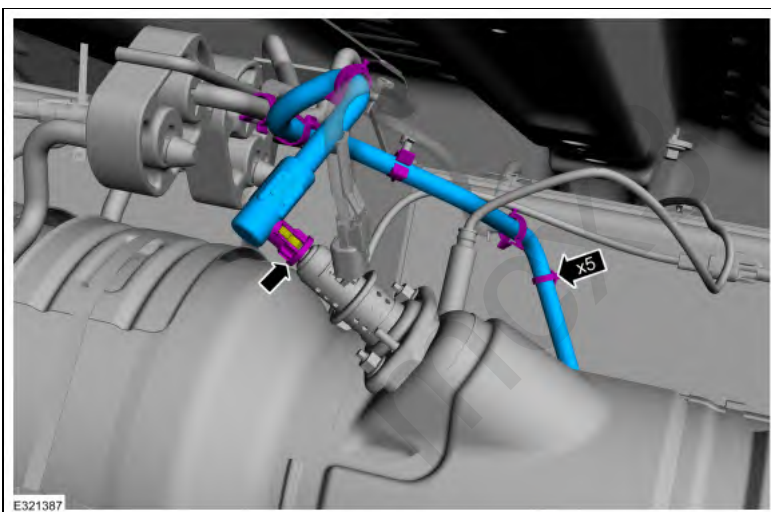
11. Remove the reductant injector heat shield.



12. **NOTE:** When disconnecting the reductant pressure line from the reductant injector, gently press the reductant pressure line connector towards the injector and hold. Then press the connector tabs and pull the connector straight off the injector nipple. Failure to follow these instructions may cause damage to the reductant injector and the reductant pressure line.

NOTE: Do not use any tools when disconnecting the reductant pressure line. The use of tools may cause a deformity in the clip components which may cause reductant leaks.

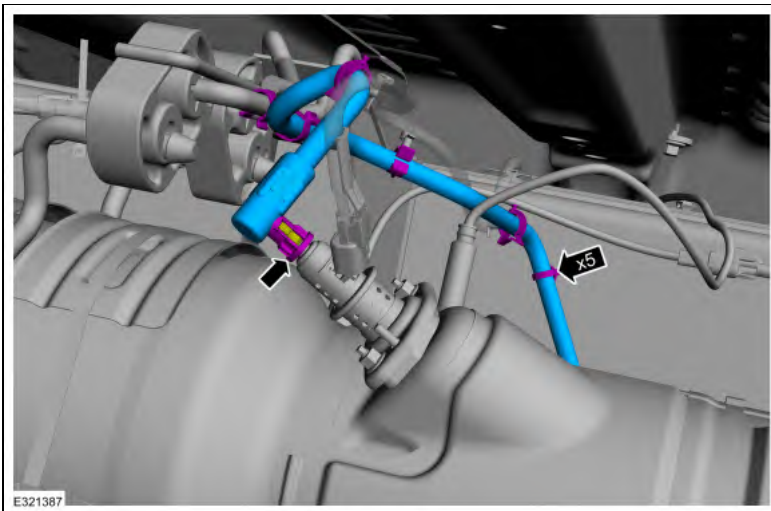
- Gently press the reductant pressure line connector towards the reductant injector and hold. Press the reductant pressure line connector tabs and pull the reductant pressure line connector straight off the reductant injector nipple. Remove the reductant pressure line.
- Detach the reductant pressure line retainers.



Installation

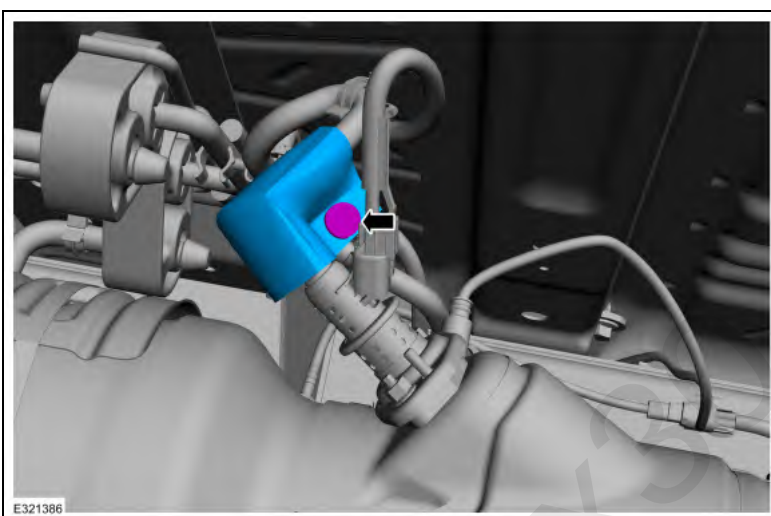
Outboard Frame Mounted Reductant Tank

1.
 - Attach the reductant pressure line retainers.
 - Install the reductant pressure line and then connect the reductant pressure line connector.

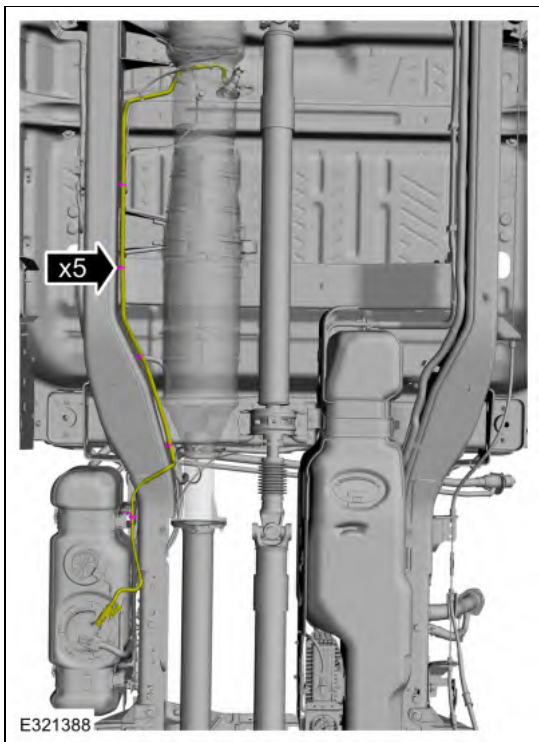


2. **NOTE:** Make sure the red ductant pressure line heat shield is installed back in position. Failure to do so can cause system overheating or freeze up.

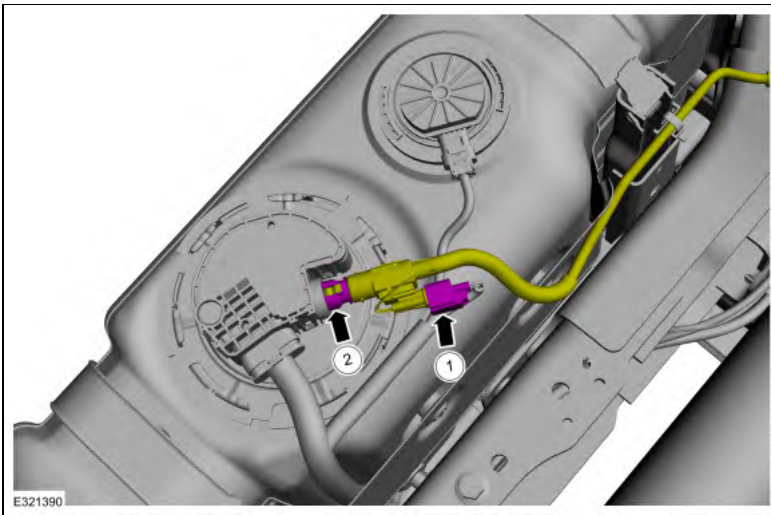
Install the red ductant injector red ductant pressure line heat shield.



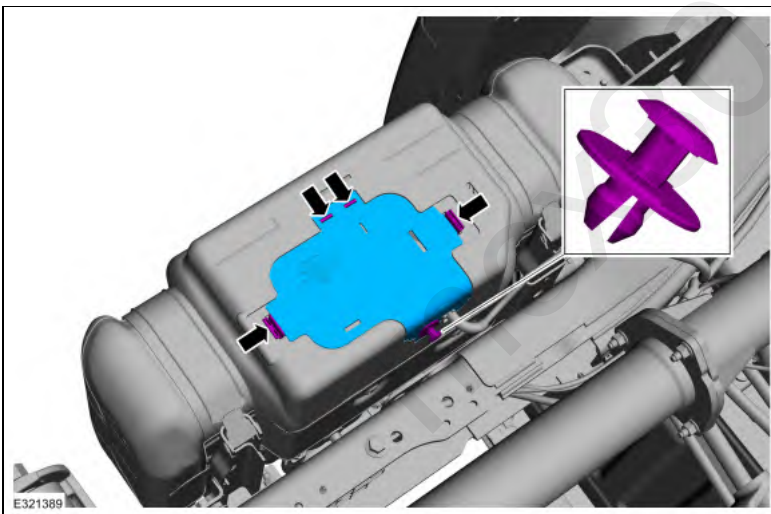
3. Attach the red ductant pressure line retainers.



4.
 1. Connect the reductant pressure line heater electrical connector.
 2. Connect the reductant pressure line quick release coupling to the reductant pump.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .

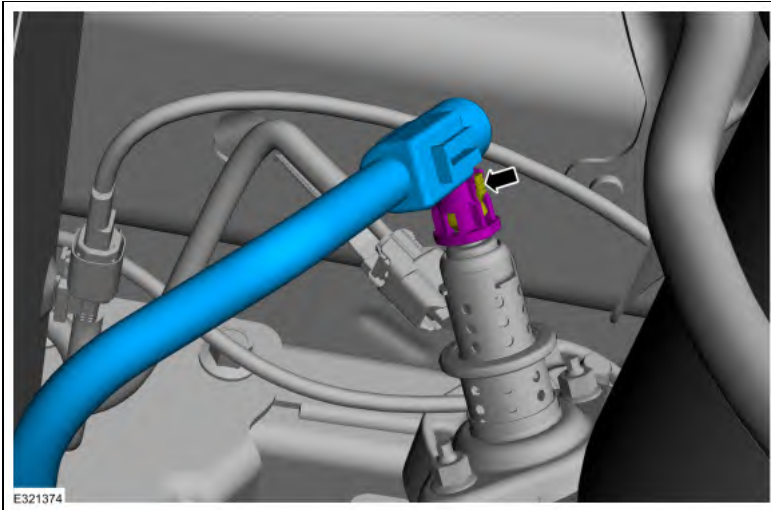


5. Install the lower reductant tank cover access door, and then install the lower reductant tank cover access door retainer.



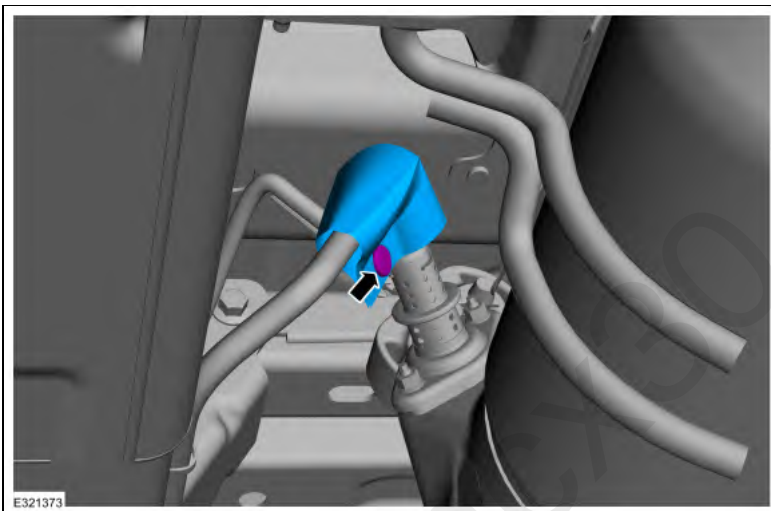
Inboard Frame Mounted Reductant Tank

6. Install the reductant pressure line and then connect the reductant pressure line connector.

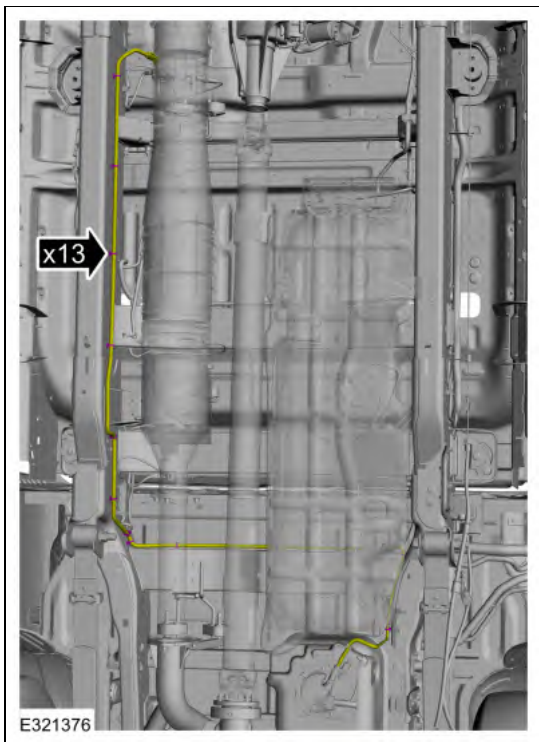


7. **NOTE:** Make sure the reductant pressure line heat shield is installed back in position. Failure to do so can cause system overheating or freeze up.

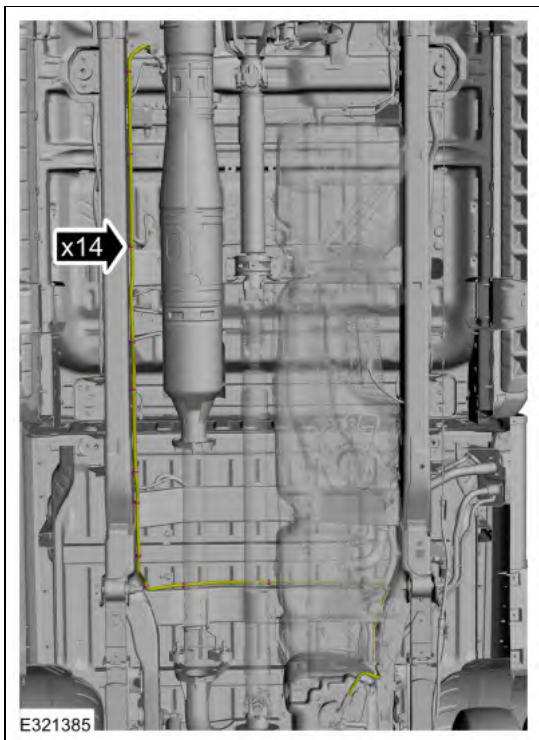
Install the reductant injector reductant pressure line heat shield.



8. Attach the reductant pressure line retainers.

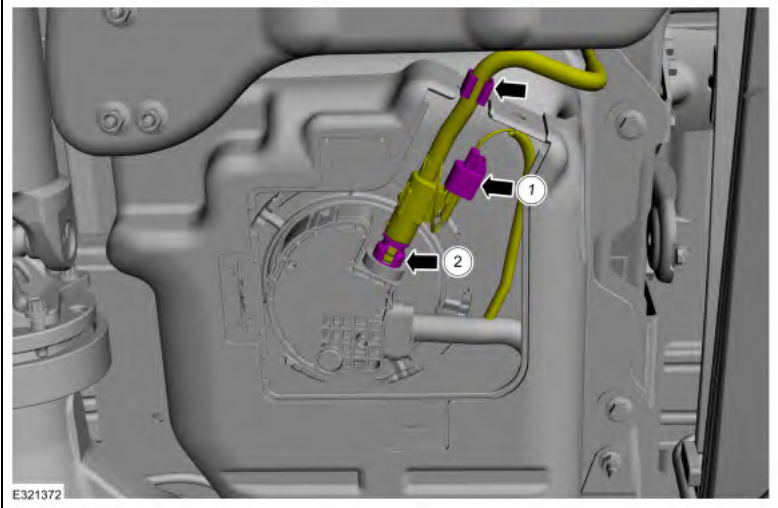


9. If equipped
Attach the reductant pressure line retainers.



10.

1. Connect the reductant pressure line heater electrical connector.
 2. Connect the reductant pressure line quick release coupling to the reductant pump.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .
- Attach the reductant pressure line to the reductant tank cover retainer and the reductant tank.



11. Install the lower reductant tank cover access door, and then install the lower reductant tank cover access door retainer.

