

Remove and Replace

FUEL TANK (19.55.01) - 2.5L NA V6 - AJV6/3.0L NA V6 - AJ27 (REMOVAL AND INSTALLATION) (310-01: FUEL TANK AND LINES)

FUEL TANK (19.55.01) - 2.5L N...

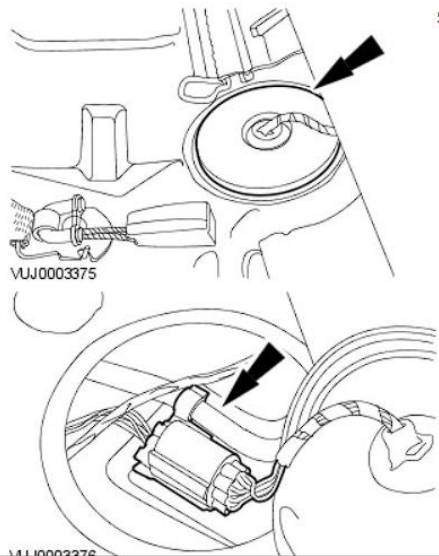


NOTES:

Non federal market vehicles, refer to steps 29 and 32.

Federal market vehicles, refer to steps 23, 24, 28 and 31.

1. NOTE: All vehicles  
 Disconnect the battery ground cable.  
 For additional information, refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
2. Remove the fuel filler cap.
3. De-pressurize the fuel system.  
 For additional information, refer to: [Fuel System Pressure Release](#) (310-00 Fuel System - General Information, General Procedures).
4. Remove the rear seat cushion.  
 For additional information, refer to: [Rear Seat Cushion](#) (501-10 Seating, Removal and Installation).
5. Detach the wiring harness grommet.



6. Detach the electrical connector.

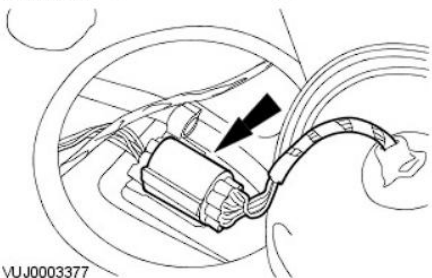


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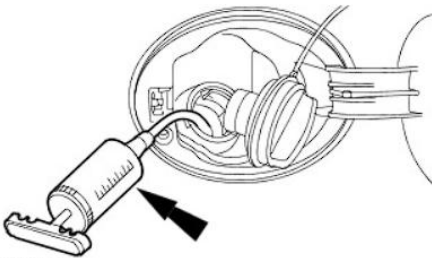


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7. Disconnect the electrical connector.

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8. Using a suitable suction device drain the fuel tank filler pipe.

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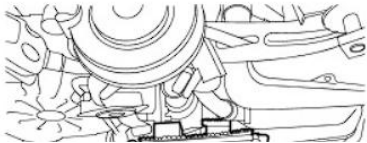
9.  NOTE: To prevent the vehicle becoming unstable when the fuel tank has been removed, install the vehicle tie down straps.

Raise and support the vehicle.  
For additional information, refer to: [Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

10. Remove the driveshaft.  
For additional information, refer to: [Driveshaft](#) (205-01 Driveshaft, Removal and Installation).

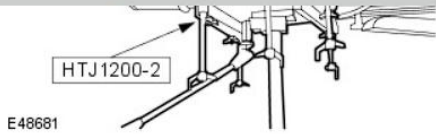
11. Remove the front muffler.  
For additional information, refer to: [Front Muffler - 2.0L NA V6 - AJV6/2.5L NA V6 - AJV6/3.0L NA V6 - AJ27](#) (309-00 Exhaust System, Removal and Installation).

12. Using the special tool, support the axle assembly.



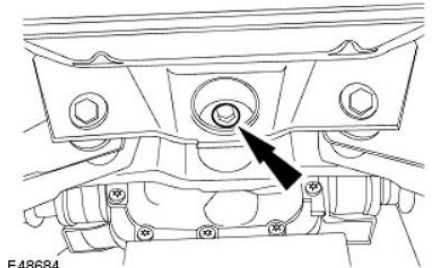
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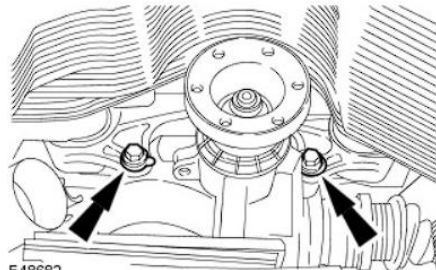
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13. Remove the axle assembly rear retaining bolt.



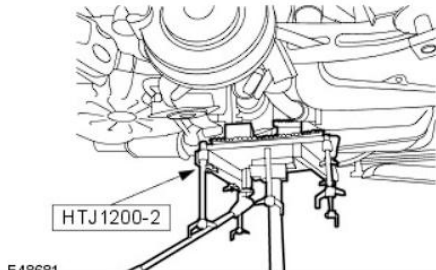
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14. Remove the axle assembly front retaining bolts.



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15. Using the special tool, lower the axle assembly approximately 75 mm (2.95 inches).



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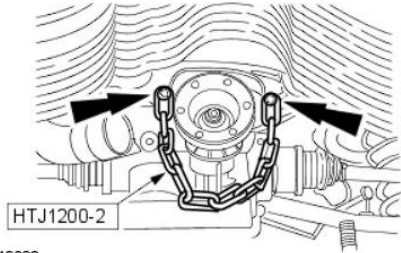
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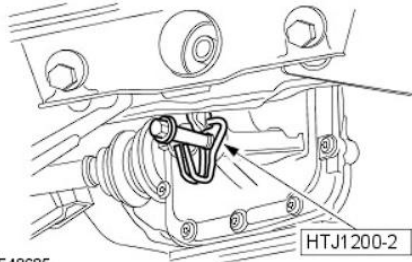


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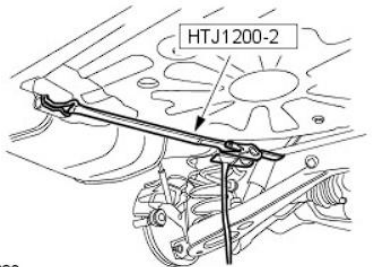
16. Install the chain supplied with the special tool HTJ1200-2 to the axle assembly front support bracket.

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17. Install the securing strap supplied with the special tool HTJ1200-2 to the axle assembly.

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18. Attach the securing strap supplied with the special tool HTJ1200-2 to the rear towing eye thread and support the rear of the axle assembly.

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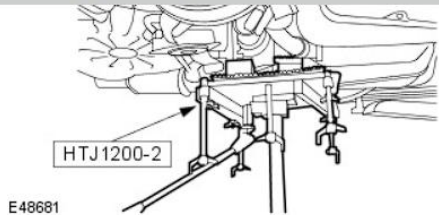


19. Remove the special tool.

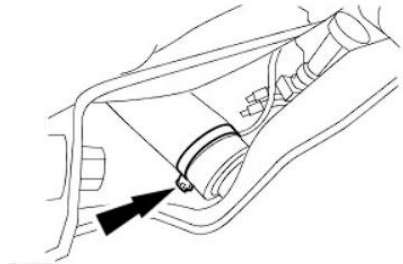


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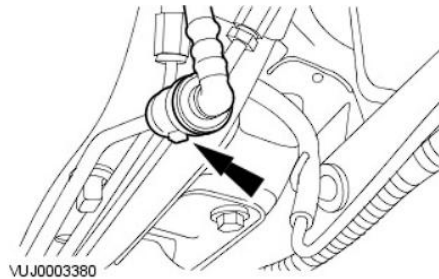
FUEL TANK (19.55.01) - 2.5L N...



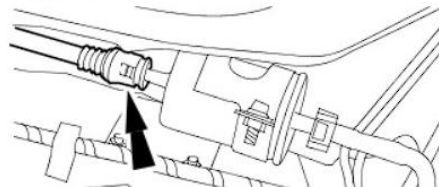
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20.  NOTE: Note the orientation of the fuel tank filler pipe to fuel tank hose retaining clip before loosening.

Loosen the fuel tank filler pipe to fuel tank hose retaining clip.

21. Disconnect the evaporative emission canister purge hose quick release coupling.  
For additional information, refer to: [Quick Release Coupling - Push Connect](#) (310-00 Fuel System - General Information, General Procedures).

22. Disconnect the fuel filter line quick release coupling.  
For additional information, refer to: [Quick Release Coupling - Push Connect](#) (310-00 Fuel System - General Information, General Procedures).

- Install blanking plugs to the male and female connectors.

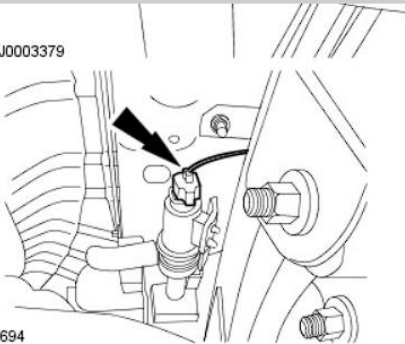



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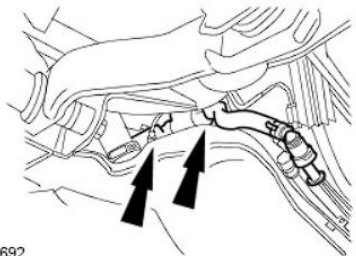



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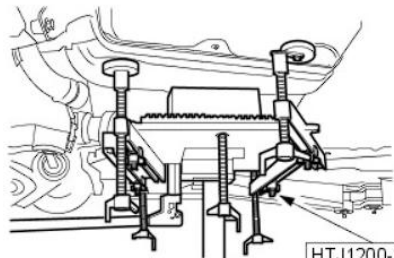
23.  NOTE: Federal market vehicles only.  
Disconnect the evaporative emission canister close valve electrical connector.



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24.  NOTE: Federal market vehicles only.  
Detach the evaporative emission canister purge hose from the fuel tank retaining clips.

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25.  CAUTION: Use packing blocks supplied with the special tool HTJ1200-2 to prevent damage to the underside of the fuel tank. Failure to follow this instruction may result in damage to the fuel tank.  
 NOTE: All vehicles  
Using the special tool, support the fuel tank.

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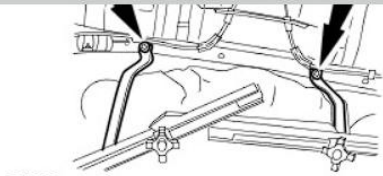
HTJ1200-2

26. Remove the fuel tank support straps retaining bolts.



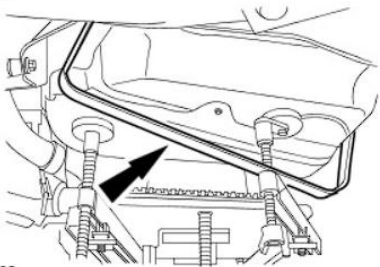
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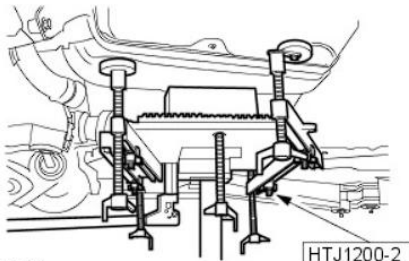
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27. NOTE: Right-hand shown, left-hand similar.  
 Remove the fuel tank support straps.



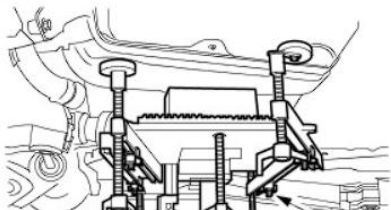
E48690

28. NOTE: Federal market vehicles only.  
 Using the special tool, lower the fuel tank approximately 100 mm (3.94 inches).  
 • Detach the fuel filler pipe hose from the fuel tank.  
 • Install blanking plugs to the fuel tank and fuel filler pipe hose.



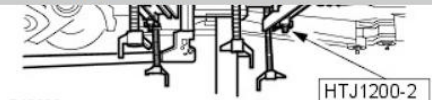
E48688

29. NOTE: Non federal market vehicles only.  
 Using the special tool, lower the fuel tank approximately 75 mm (2.95 inches).  
 • Detach the fuel filler pipe hose from the fuel tank.  
 • Install blanking plugs to the fuel tank and fuel filler pipe hose.

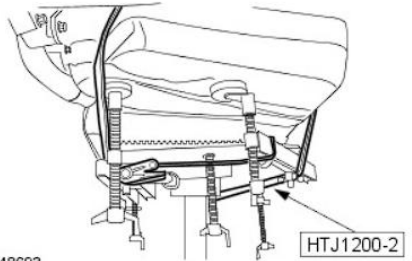


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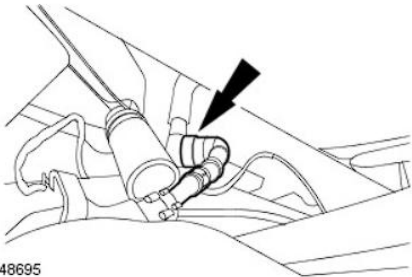
FUEL TANK (19.55.01) - 2.5L N...



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E49114

30.  NOTE: All vehicles

Install the securing strap supplied with the special tool HTJ1200-2 to secure the fuel tank to the special tool.

31.  NOTE: Federal market vehicles only.

Disconnect the evaporative emission canister hose from the evaporative emission canister.

32.  NOTE: Non federal market vehicles only.

Disconnect the evaporative emission canister hose from the evaporative emission canister.

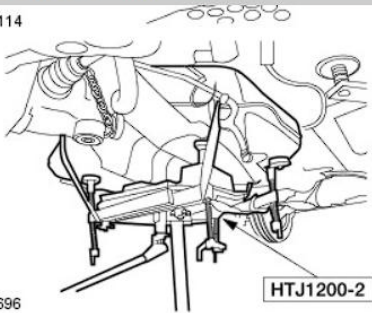


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FUEL TANK (19.55.01) - 2.5L N...



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33. **WARNING:** The fuel tank cannot be drained in vehicle. Due to the heavy weight, make sure that the fuel tank is securely attached to the powertrain assembly jack when removing. Failure to follow this instruction may result in personal injury.

**NOTE:** All vehicles

Using the special tool, remove the fuel tank.

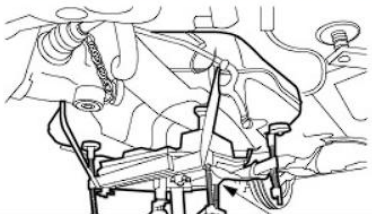
**Installation**

**WARNINGS:**

- Do not smoke or carry lighted tobacco or an open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.
- Do not carry or operate cellular phones when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.
- Due to the heavy weight, make sure that the fuel tank is securely attached to the powertrain assembly jack when installing.
- This procedure involves fuel handling. Be prepared for fuel spillage at all times and always observe fuel handling precautions. Failure to follow these instructions may result in personal injury.

**NOTES:**

- Non federal vehicles, refer to steps 2 and 3.
- Federal vehicles, refer to steps 1, 4, 10 and 11.



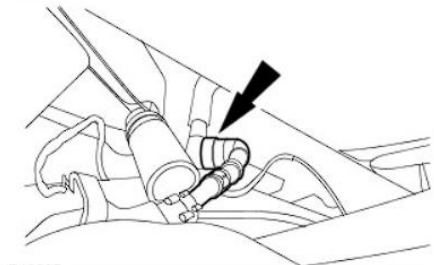
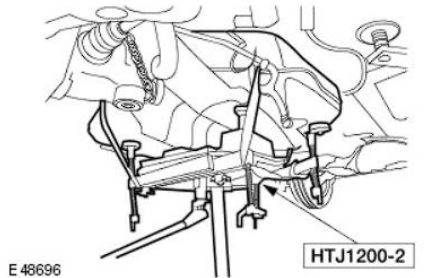
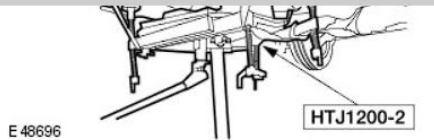
1. **NOTE:** Federal market vehicles only.  
 Using the special tool, position the fuel tank approximately 100 mm (3.94 inches) lower than the fully installed position.



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FUEL TANK (19.55.01) - 2.5L N...



- 2. NOTE: Non federal market vehicles only.  
Using the special tool, position the fuel tank approximately 75 mm (2.95 inches) lower than the fully installed position.

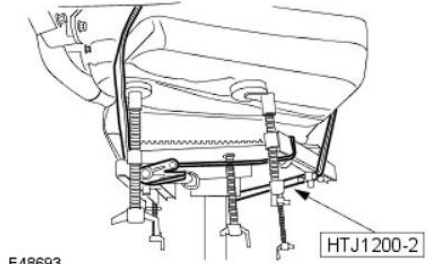
- 3. NOTE: Non federal market vehicles only.  
Connect the evaporative emission canister hose to the evaporative emission canister.

- 4. NOTE: Federal market vehicles only.  
Connect the evaporative emission canister hose to the evaporative emission canister.

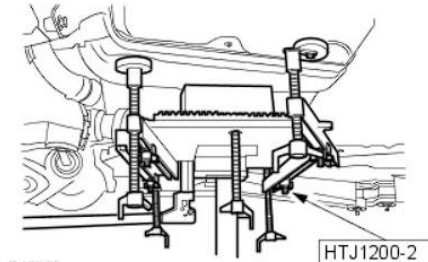


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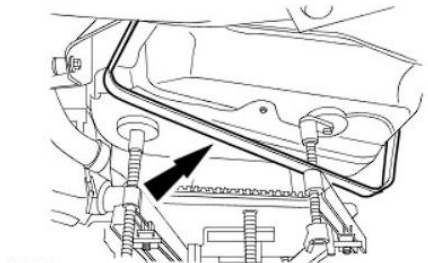
FUEL TANK (19.55.01) - 2.5L N...



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E48690



5. NOTE: All vehicles  
 Remove the securing strap from the fuel tank and the special tool.

6. NOTES:  
 Remove the blanking plugs from the fuel tank and fuel filler pipe hose.  
 Make sure the fuel filler pipe hose is connected to the fuel tank as it is installed.  
 Using the special tool, install the fuel tank.

7. NOTE: Right-hand shown, left-hand similar.  
 Install the fuel tank support straps.

8. Install the fuel tank support straps retaining bolts.  
 • Tighten to 25 Nm.

