

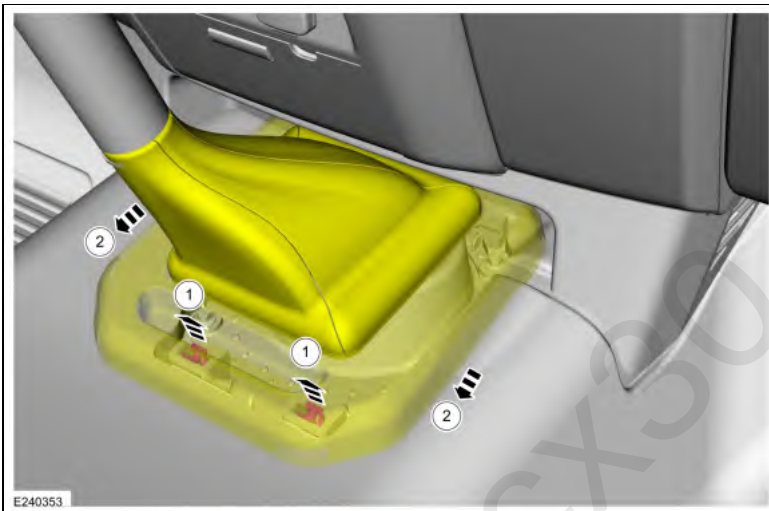
## Transmission

### Special Tool(s) / General Equipment

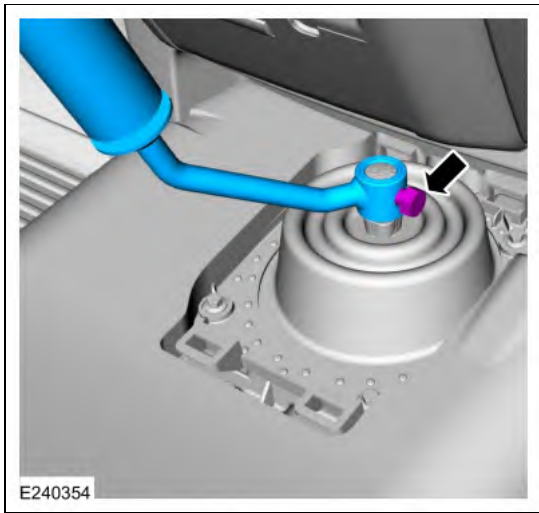
Transmission Jack

**WARNING:** Do not breathe dust or use compressed air to blow dust from storage containers or friction components. Remove dust using government-approved techniques. Friction component dust may be a cancer and lung disease hazard. Exposure to potentially hazardous components may occur if dusts are created during repair of friction components, such as brake pads and clutch discs. Exposure may also cause irritation to skin, eyes and respiratory tract, and may cause allergic reactions and/or may lead to other chronic health effects. If irritation persists, seek medical attention or advice. Failure to follow these instructions may result in serious personal injury.

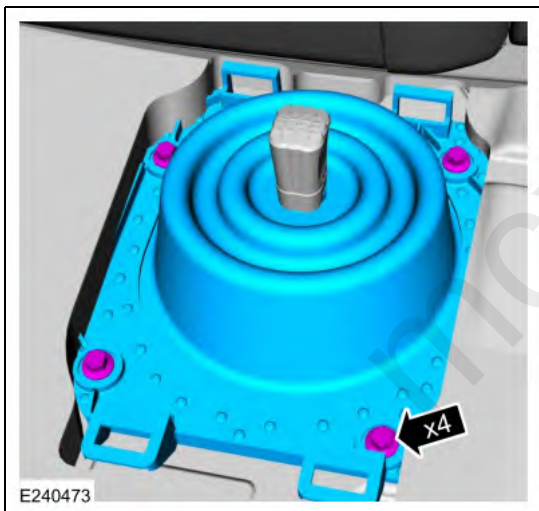
1. With the vehicle in NEUTRAL, position it on a hoist.  
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Disconnect the battery ground cable.  
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
3. Detach and position aside the upper gear shift lever boot.
  1. Pull up the rear of the upper gear shift lever boot.
  2. Slide the upper gear shift lever boot back, to unseat it from the front tabs.



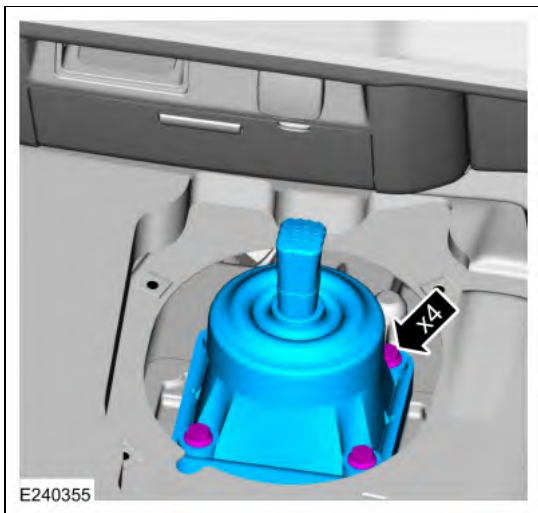
4. Loosen the bolt and remove the upper gear shift lever.



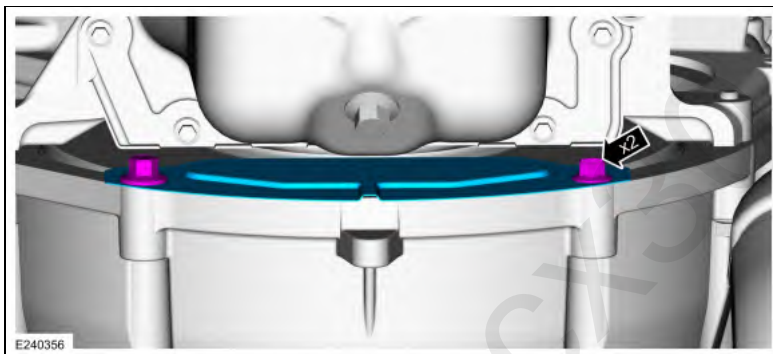
5. Remove the screws and the lower gear shift lever boot.



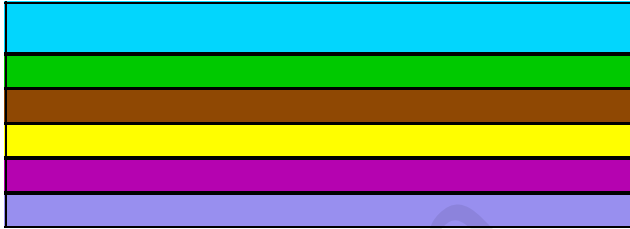
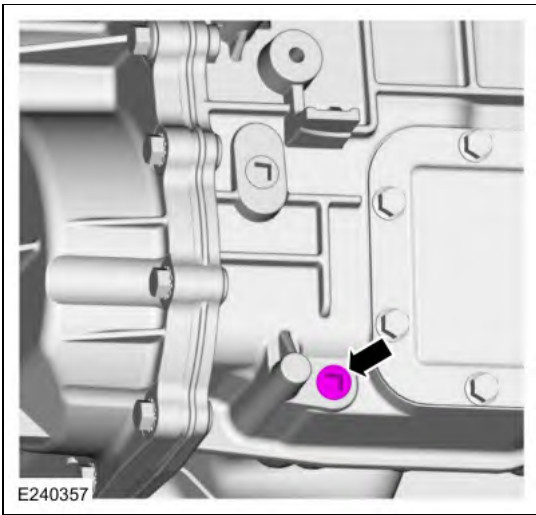
6. Remove the bolts and the lower gear shift lever.



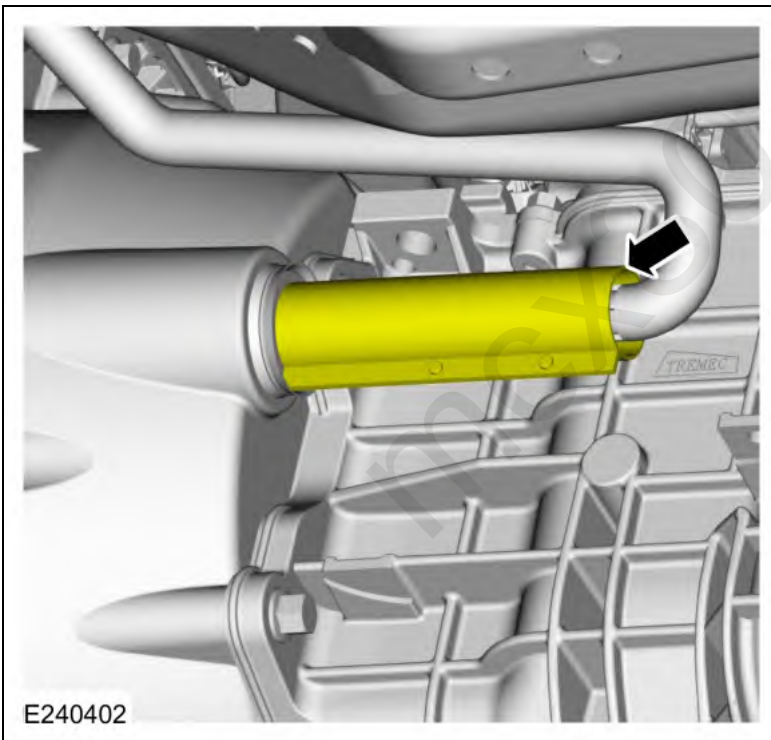
7. Remove the transmission support crossmember.  
Refer to: Transmission Support Crossmember (502-02 Full Frame and Body Mounting, Removal and Installation).
8. Remove the starter motor.  
Refer to: Starter Motor (303-06A Starting System - 6.2L V8, Removal and Installation).
9. Remove engine-to-transmission spacer plate bolts.



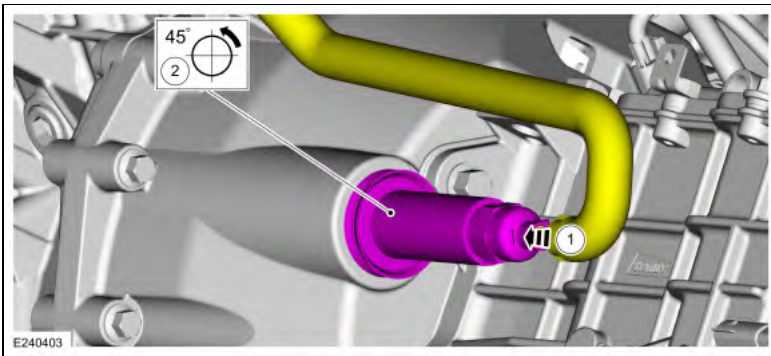
10. Remove the exhaust Y-pipe with dual catalytic converters.  
Refer to: Dual Catalytic Converter Y-Pipe (309-00A Exhaust System - 6.2L V8, Removal and Installation).
11. **NOTE:** *If disassembly of the transmission is required, drain the transmission fluid.*  
Remove the drain plug and drain the transmission fluid.



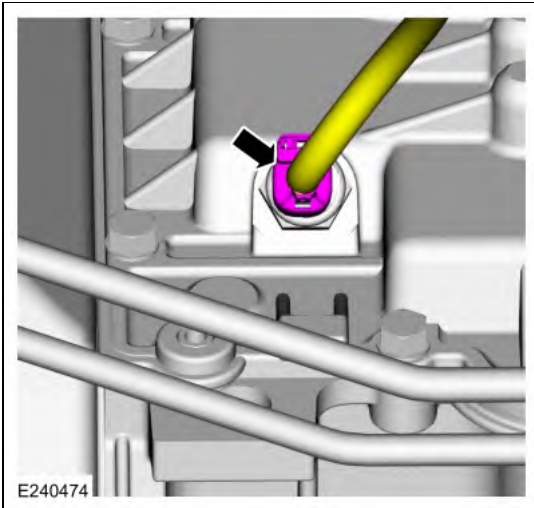
12. Slide the heat shield back and position aside.



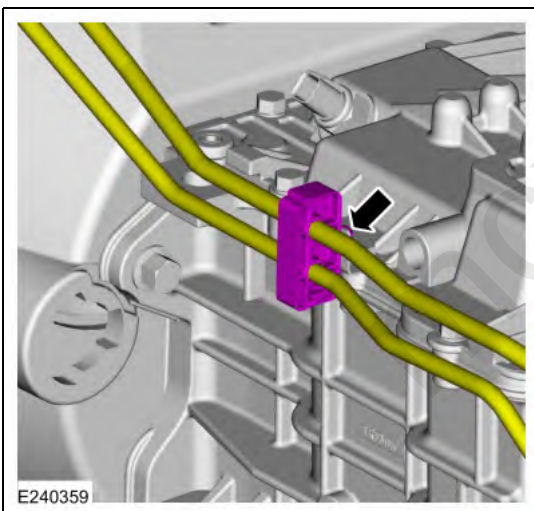
13. Remove the clutch slave cylinder and position aside.
- Rotate the clutch slave cylinder counterclockwise 45° while pushing inward.
    1. Push inward.
    2. Rotate counterclockwise 45°.



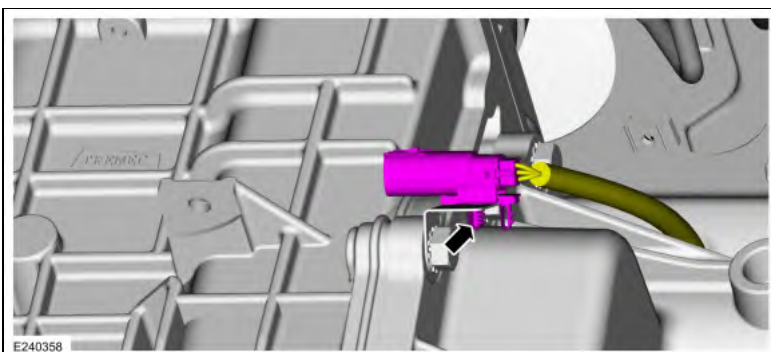
14. Disconnect the reverse lamp switch electrical connector.



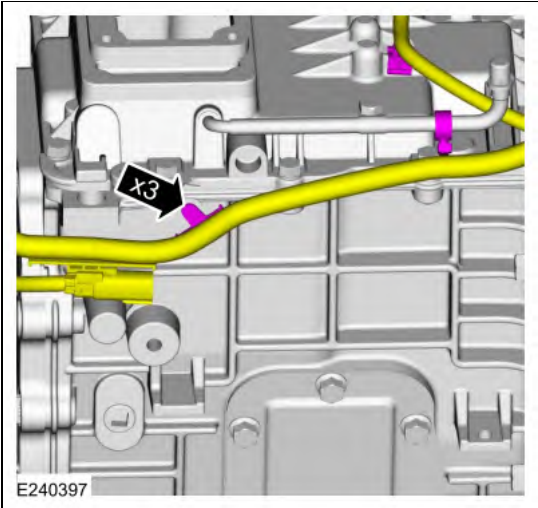
15. Disconnect the fuel tubes and the fuel tube clip on the transmission case and position aside.



16. Disconnect transmission harness connector retainer.

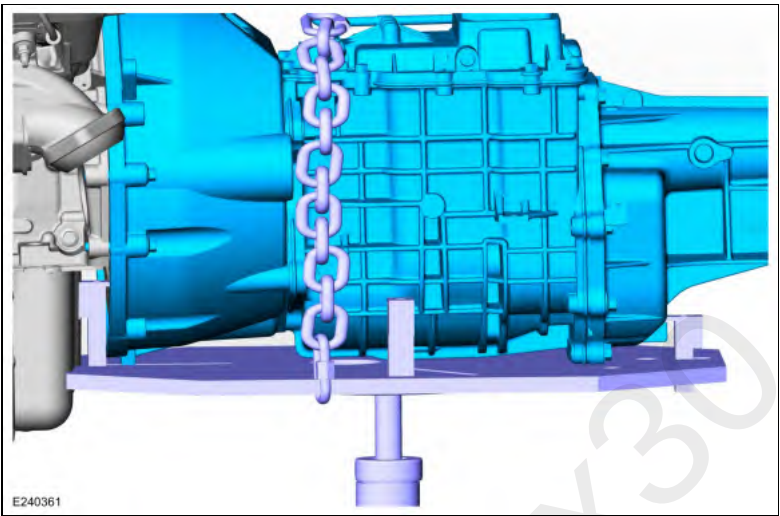


17. Disconnect the wiring harness retainers from the transmission and position aside the harness.



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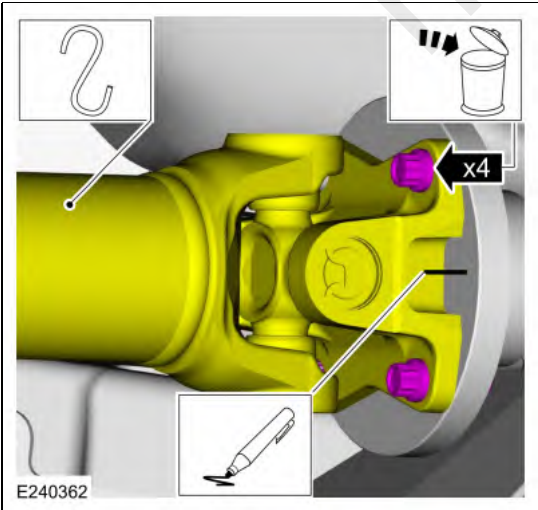
18. Using the high-lift transmission jack, support the transmission. Secure the transmission to the jack.  
Use the General Equipment: Transmission Jack



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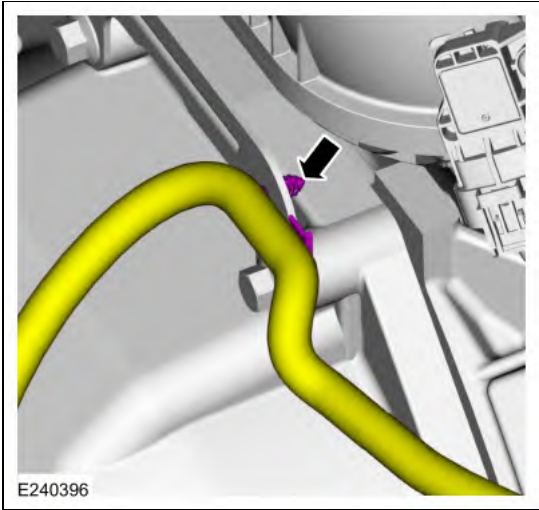
19. **NOTICE:** The driveshaft flange fits tightly on the flange pilot. Never hammer on the driveshaft or any of its components to disconnect the driveshaft flange from the flange pilot. Pry only in the area shown with a suitable tool, to disconnect the driveshaft flange from the flange pilot or damage to the driveshaft flange can occur.

Remove and discard the driveshaft-to-transmission flange bolts. Disconnect and support the driveshaft.



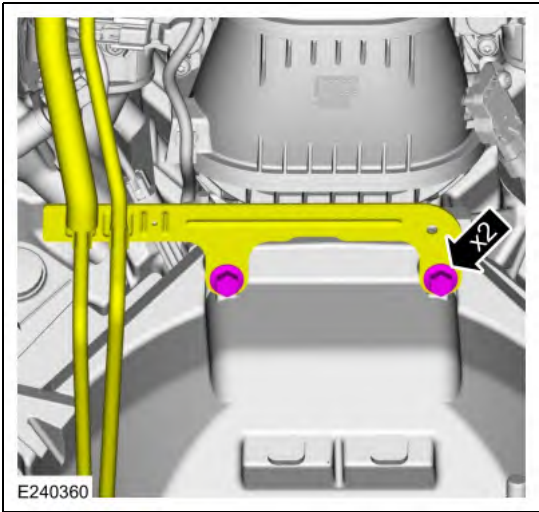
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20. Disconnect the wiring harness retainer from the fuel tube mounting bracket.



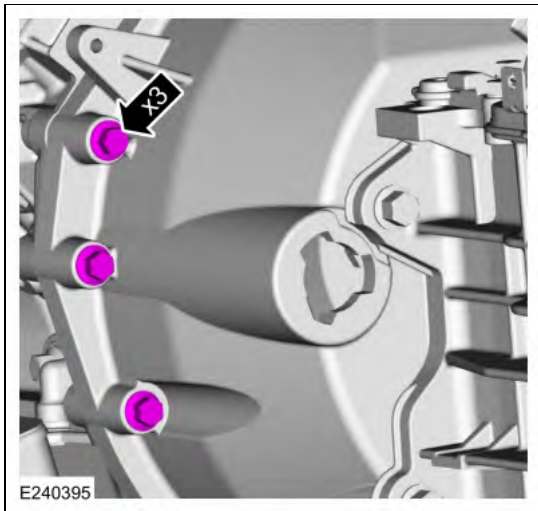
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21. Remove the top bellhousing bolts, and position aside the fuel tubes and the bracket.

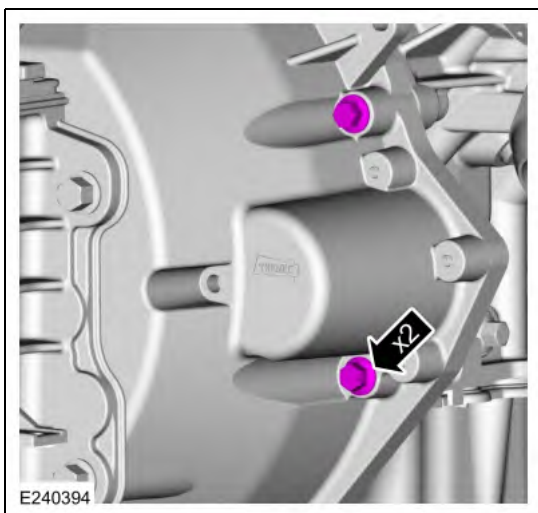


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22. Remove the LH bellhousing bolts.



23. Remove the RH bellhousing bolts.



24. Remove the transmission from the vehicle.
1. Pull the transmission back to remove the input shaft from the clutch.
  2. Lower the transmission and remove it from the vehicle.
- Use the General Equipment: Transmission Jack

