

Transmission - Removal 44.20.01

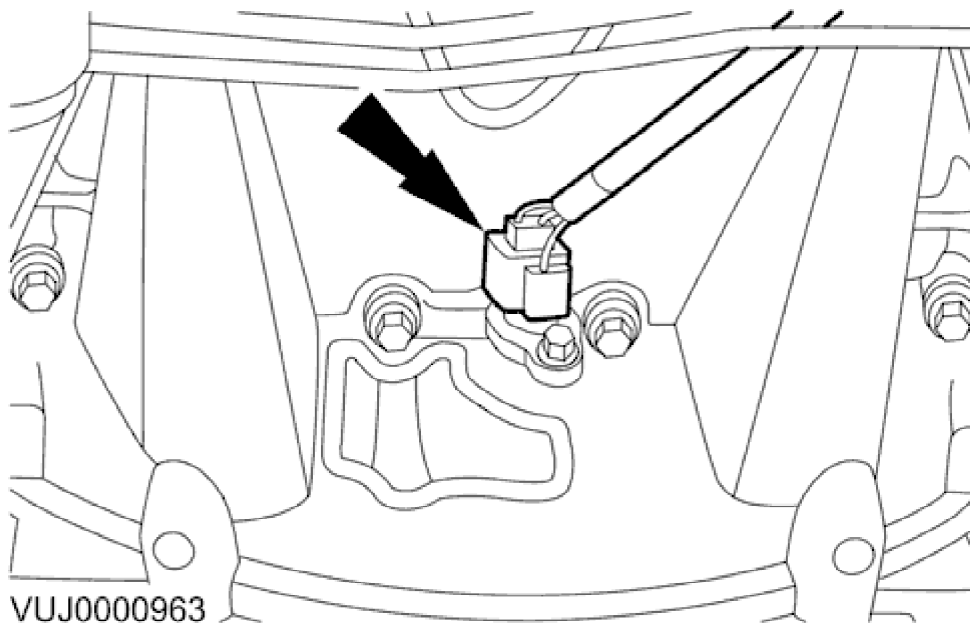
All Vehicles

1. Place the selector lever in the 'N' position.
2. Disconnect the battery ground cable.
3. Remove the driveshaft. For additional information, refer to <<205-01>>.

3.0 L Vehicles

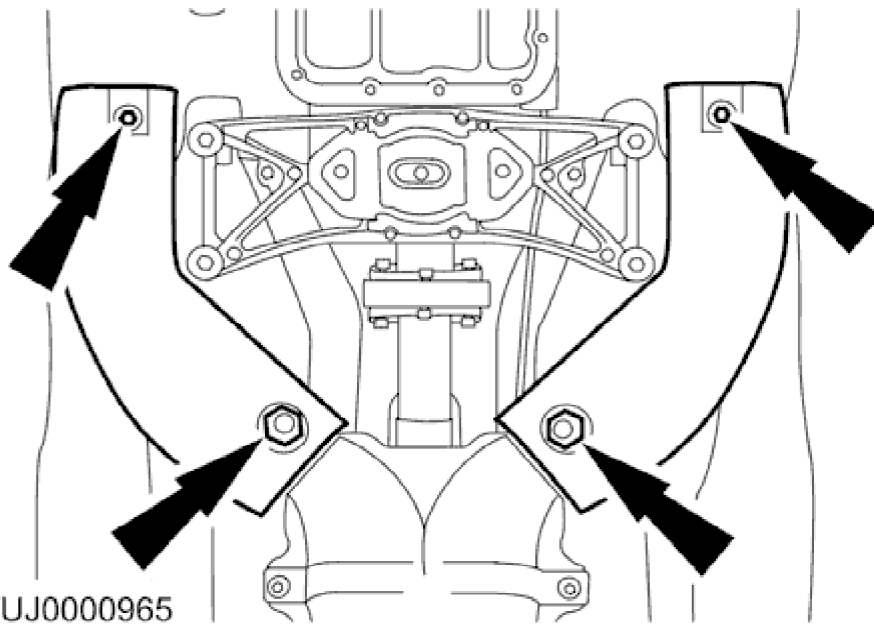
4. Remove the starter motor. For additional information, refer to <<303-06>>.

4.0 L Vehicles

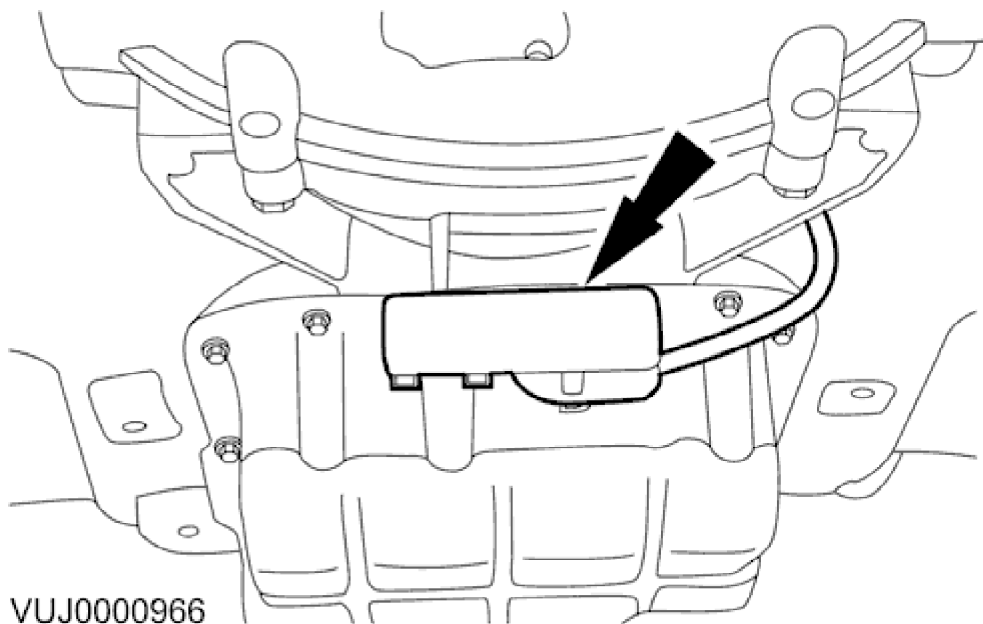


5. Disconnect the crankshaft position sensor (CKP) electrical connector.

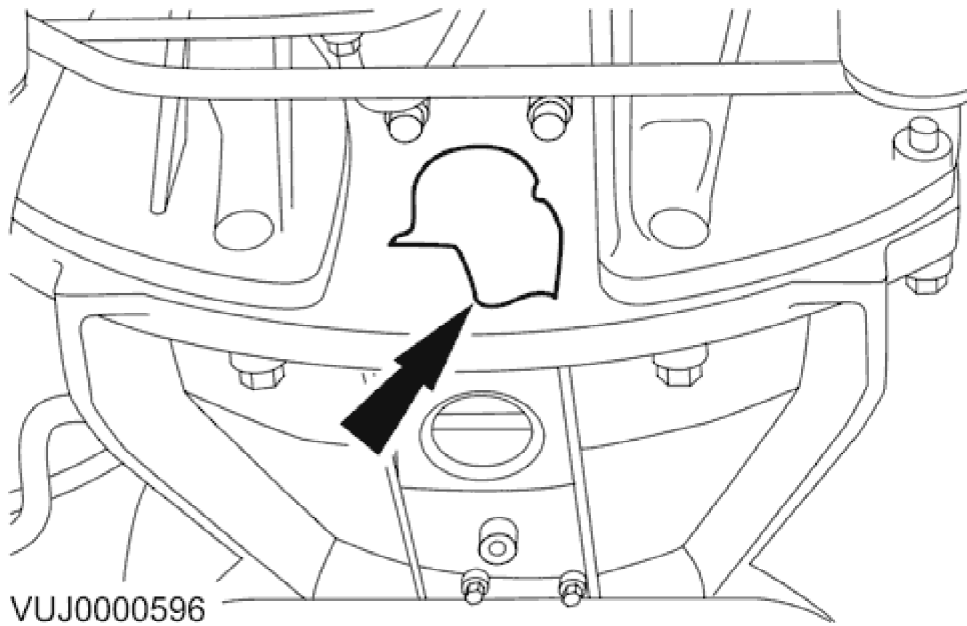
All Vehicles



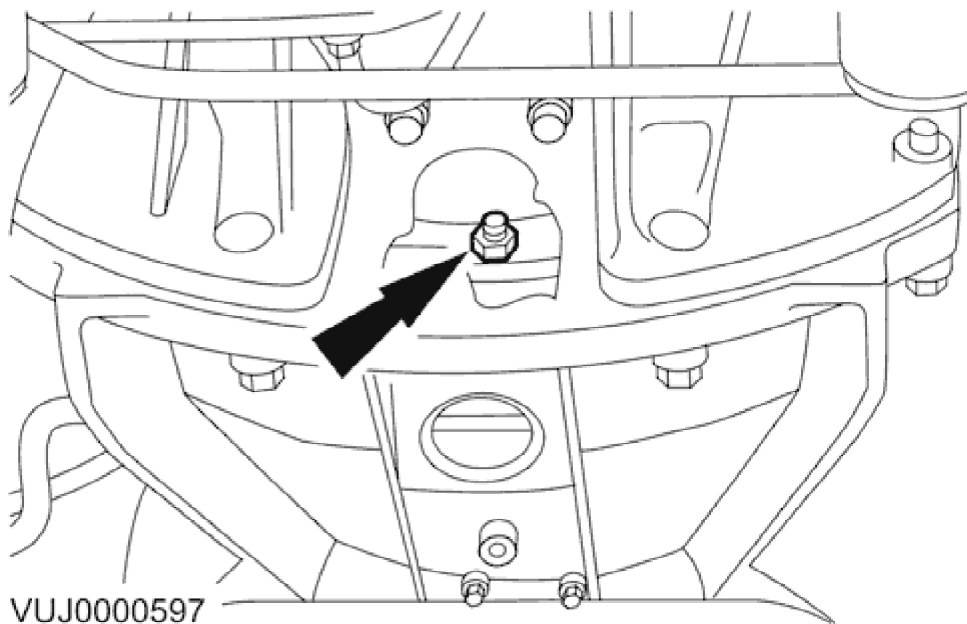
6. Remove the heat shields.



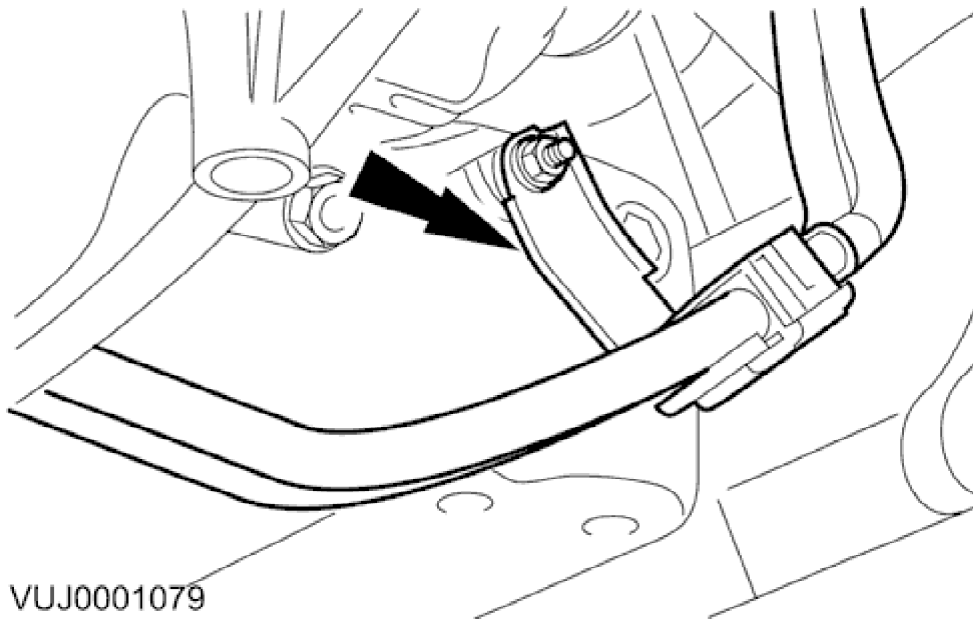
7. Detach the oxygen sensor connector block.



8. Remove the rubber access cover (3.0L shown, 4.0 L similar).

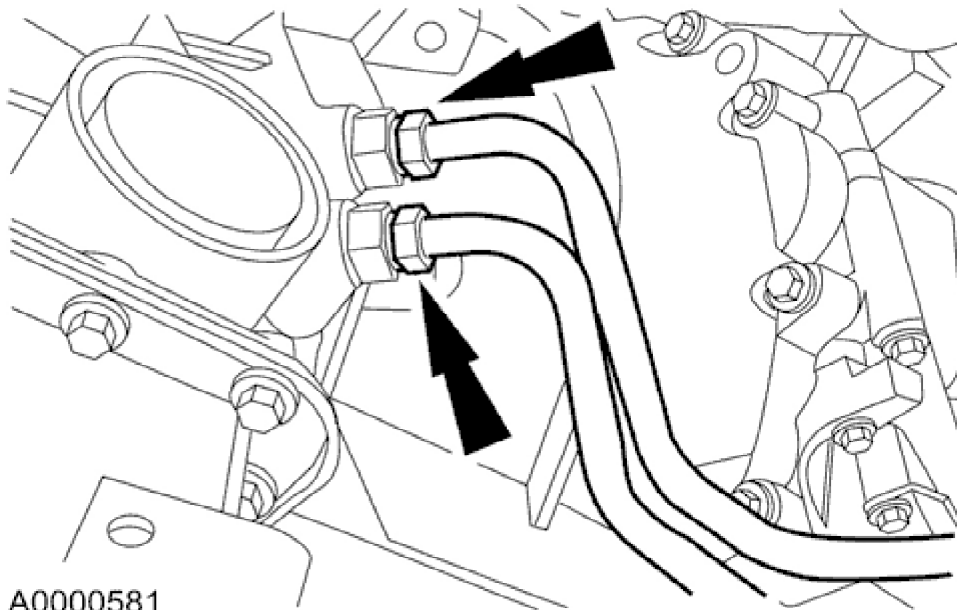


9. Remove the four torque converter nuts.
• Rotate the torque converter to gain access to the remaining nuts.



VUJ0001079

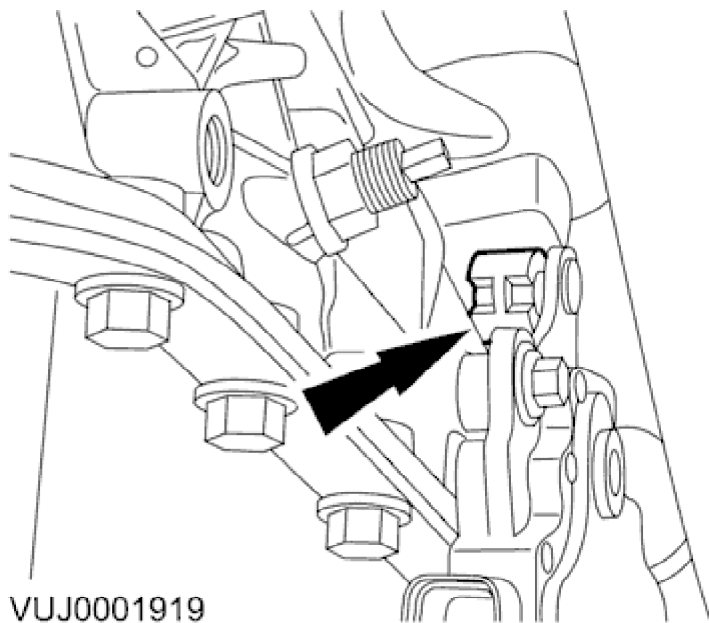
10. Detach the oil cooler tubes from the oil pan.



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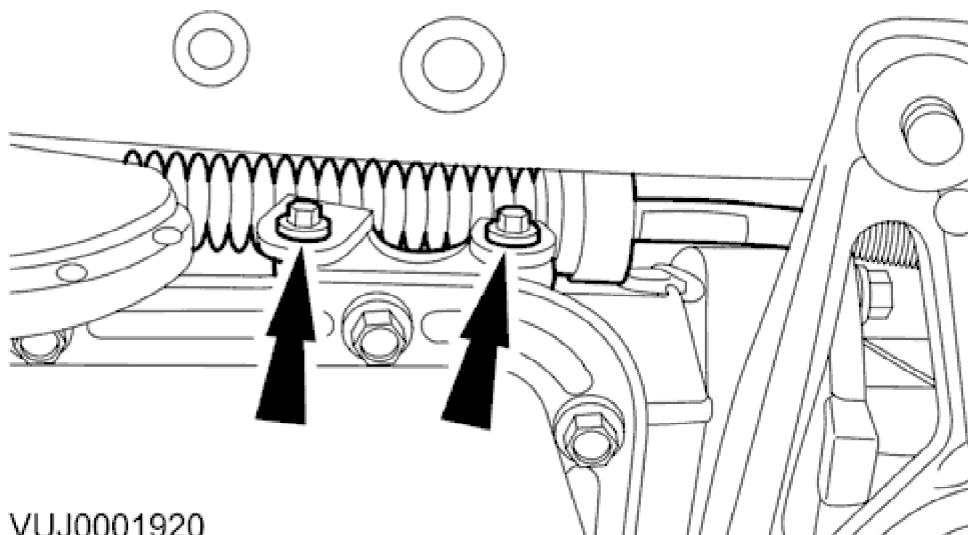
11. Detach the oil cooler tubes from the automatic transmission.

- Allow the fluid to drain into a suitable container.



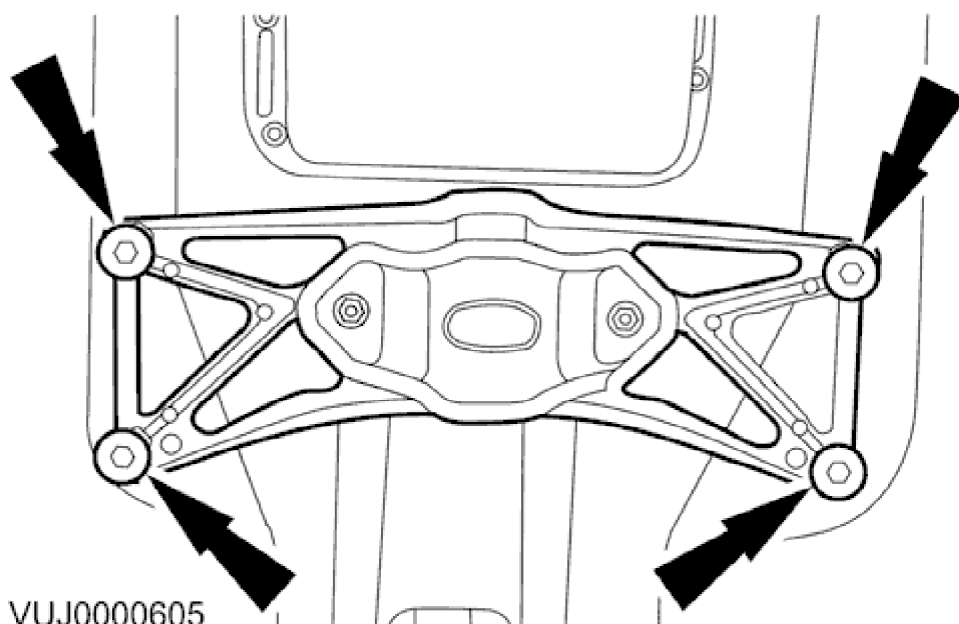
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12. Disconnect the gear selector cable.



VUJ0001920

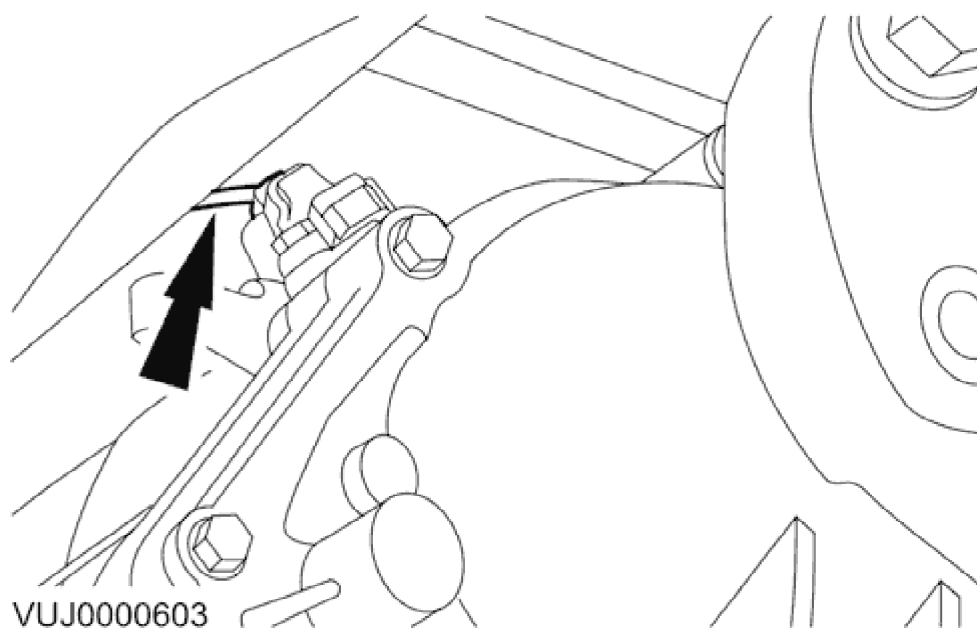
13. Detach the gear selector cable.
• Remove the retaining bolts.



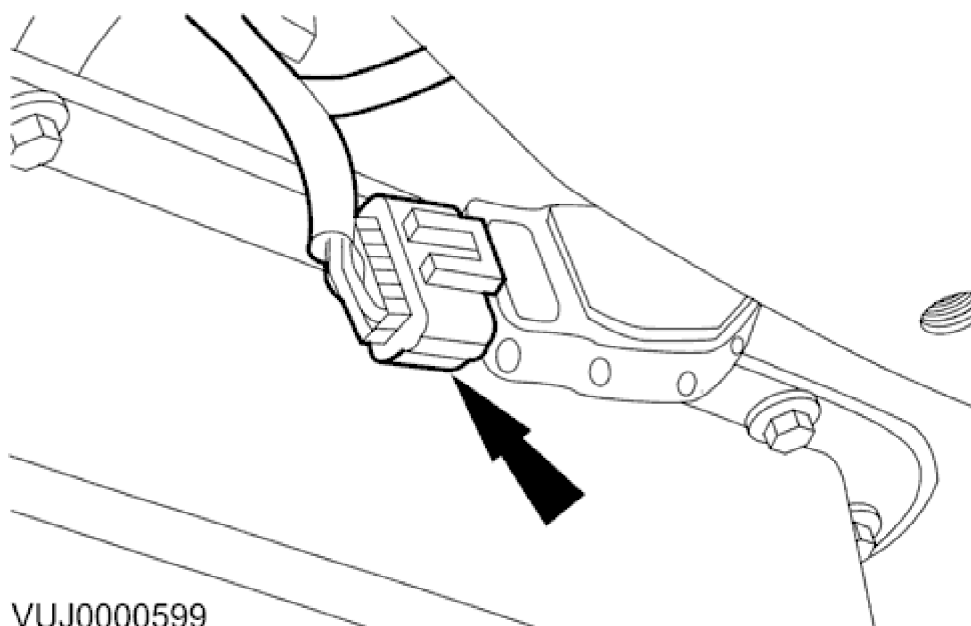
14.  **WARNING:**
SECURE THE TRANSMISSION TO THE TRANSMISSION JACK WITH A SAFETY CHAIN.
FAILURE TO FOLLOW THIS INSTRUCTION CAN RESULT IN PERSONAL INJURY.

Lower the rear of the transmission.

- Remove the transmission mount retaining bolts.

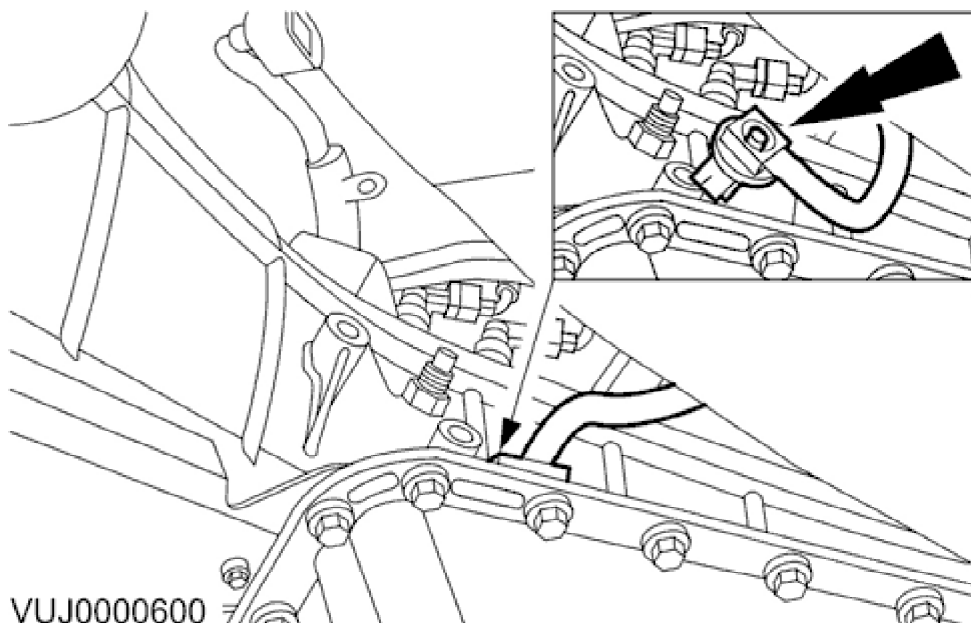


15. Disconnect the output shaft speed sensor (OSS) electrical connector.



VUJ0000599

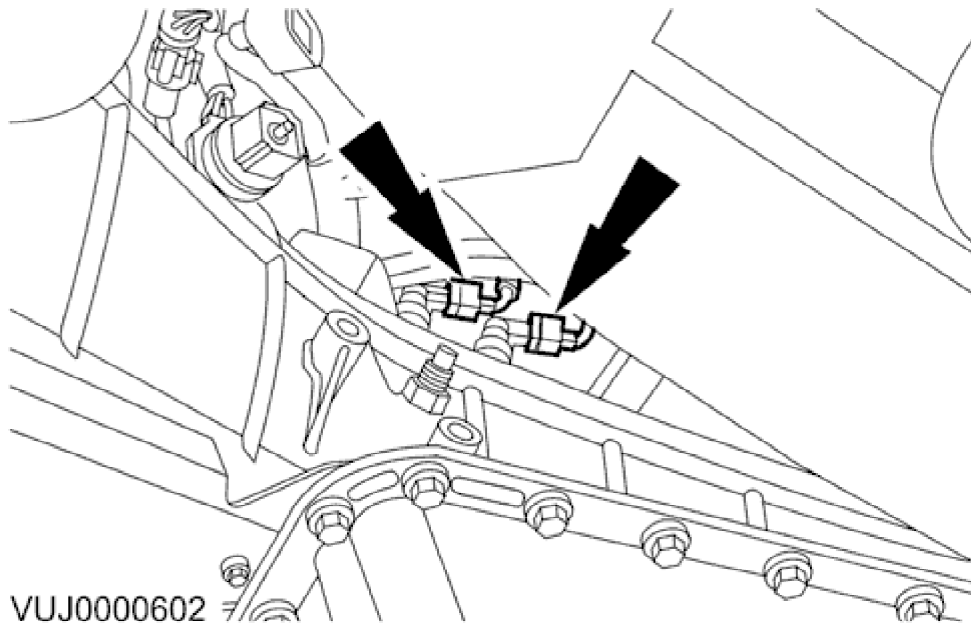
16. Disconnect the transmission range (TR) sensor electrical connector.
- Detach the protective cover.



VUJ0000600

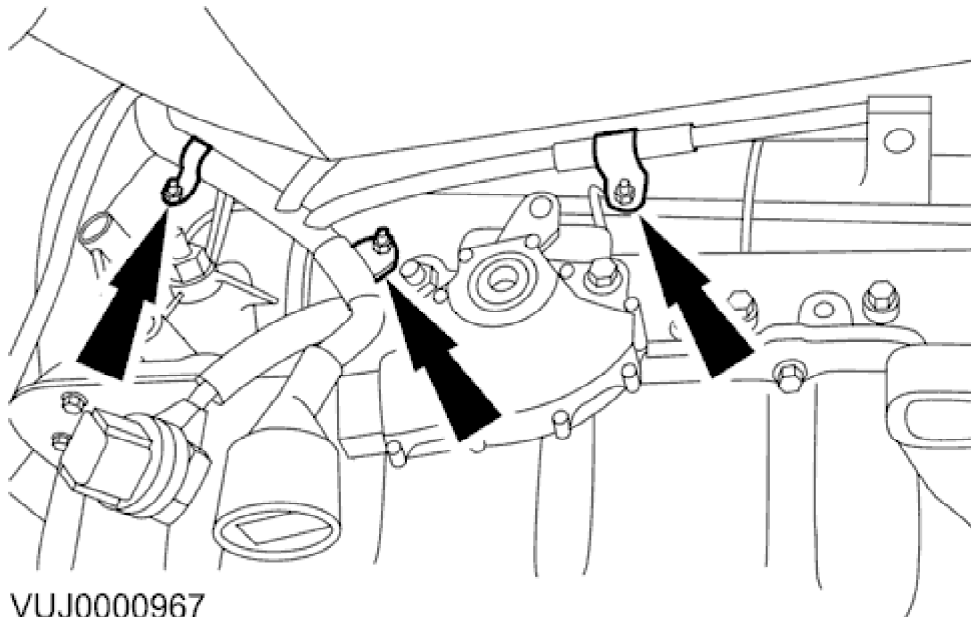
17. Disconnect the transmission body electrical connector.
- Loosen the retaining nut.

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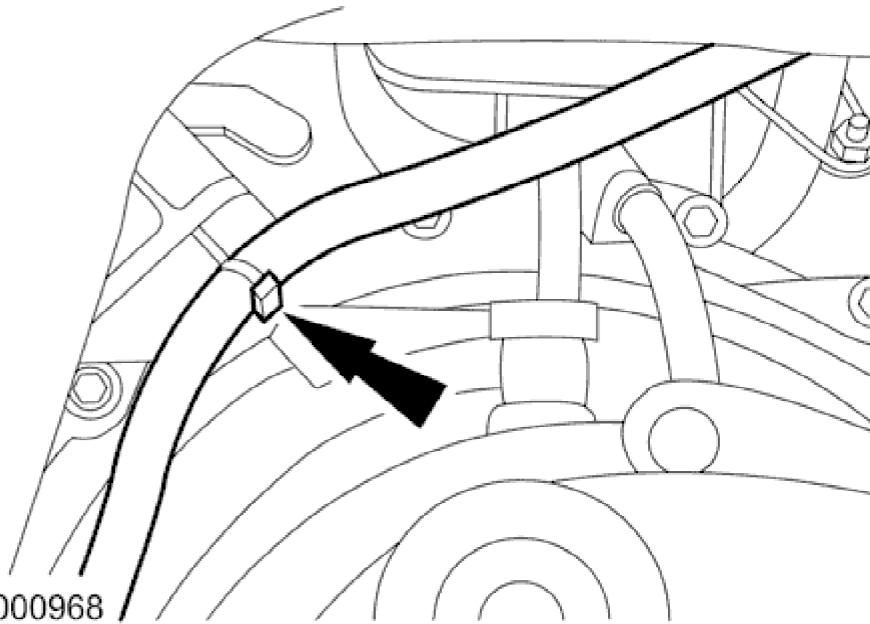
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18. Disconnect the intermediate shaft speed (ISS) sensor and turbine shaft speed (TSS) sensor electrical connectors.



VUJ0000967

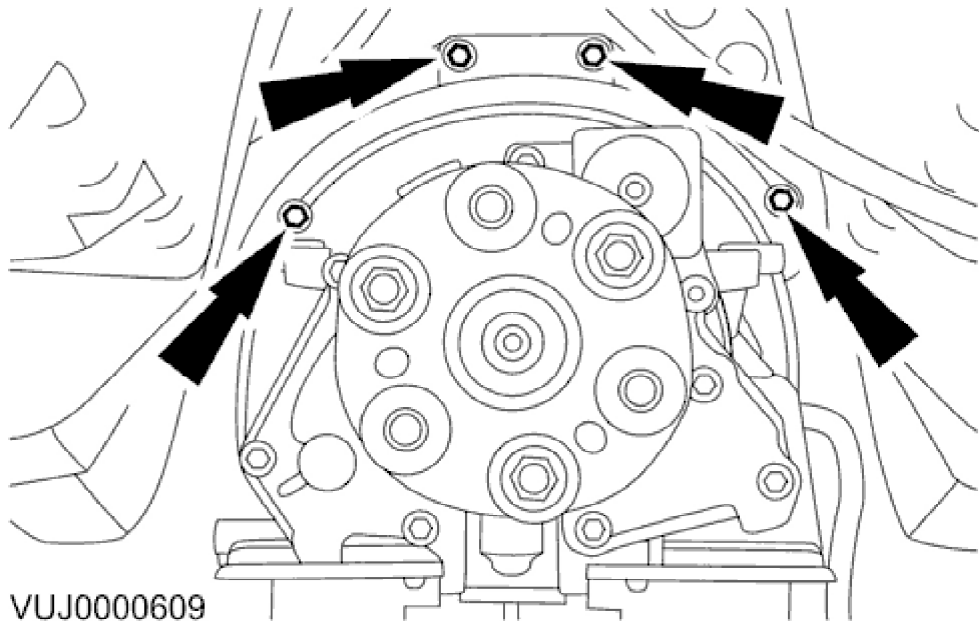
19. Detach the wiring harness.



VUJ0000968

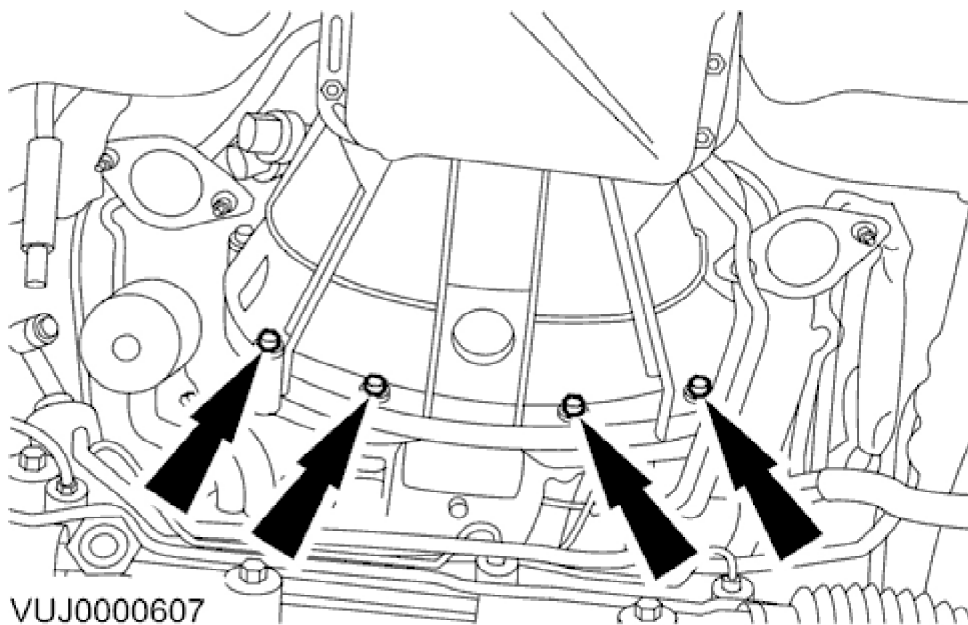
20. Detach the wiring harness from the transmission housing.

3.0 L Vehicles



VUJ0000609

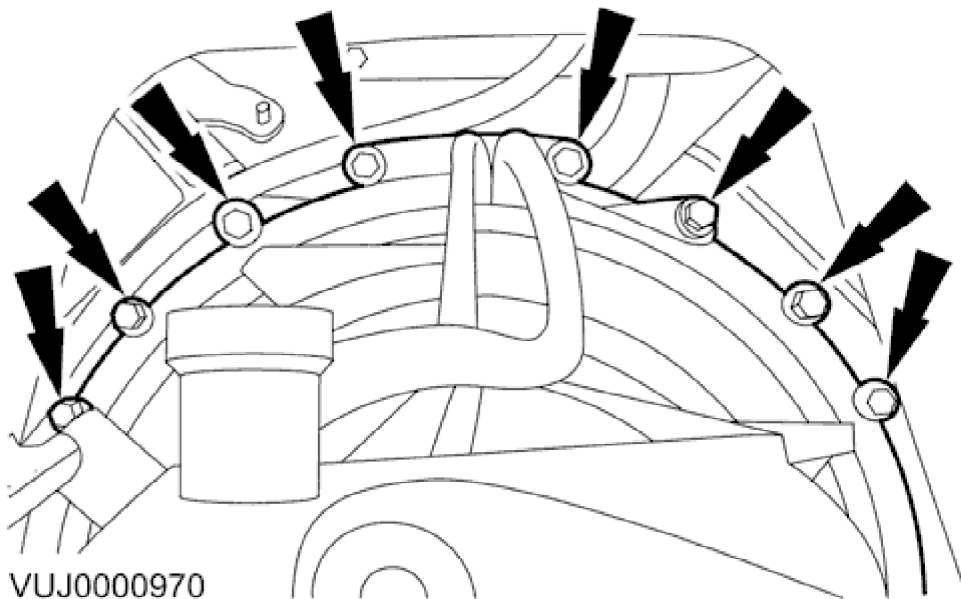
21. Remove the upper transmission housing retaining bolts.



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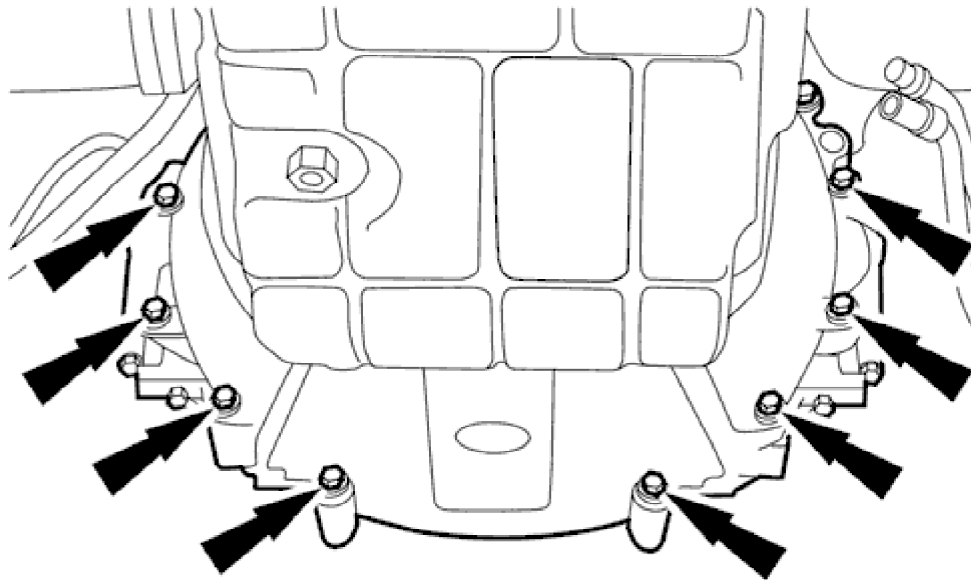
22. Remove the lower transmission housing retaining bolts.

4.0 L Vehicles



VUJ0000970


23. Remove the upper transmission housing retaining bolts.



VUJ0000969

24. Remove the lower transmission housing retaining bolts.

All Vehicles

25.  **CAUTION:**
Do not let the torque converter drop out of the transmission. Failure to follow this instruction may result in personal injury.

Lower the transmission from the vehicle.