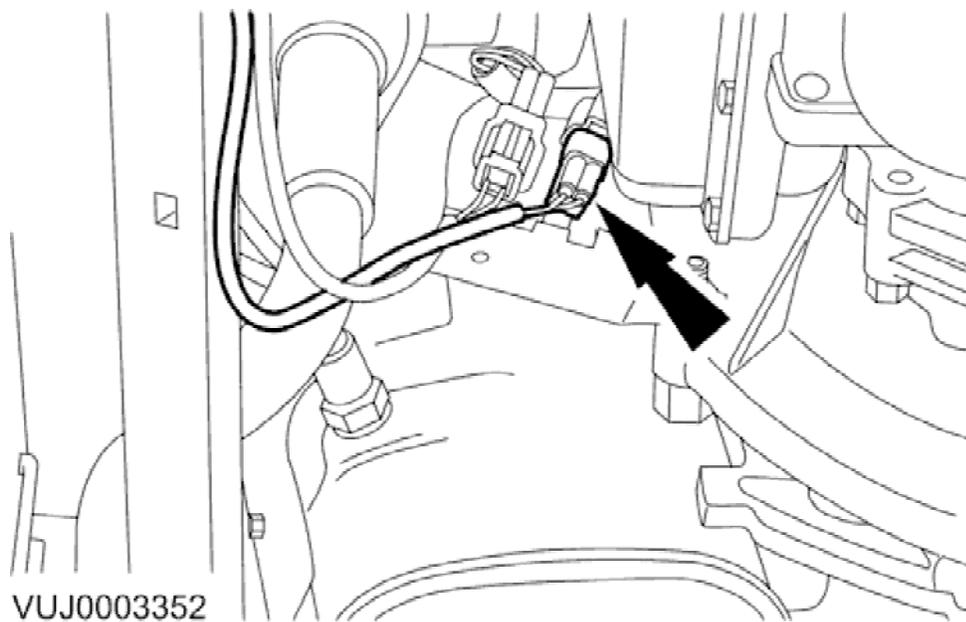


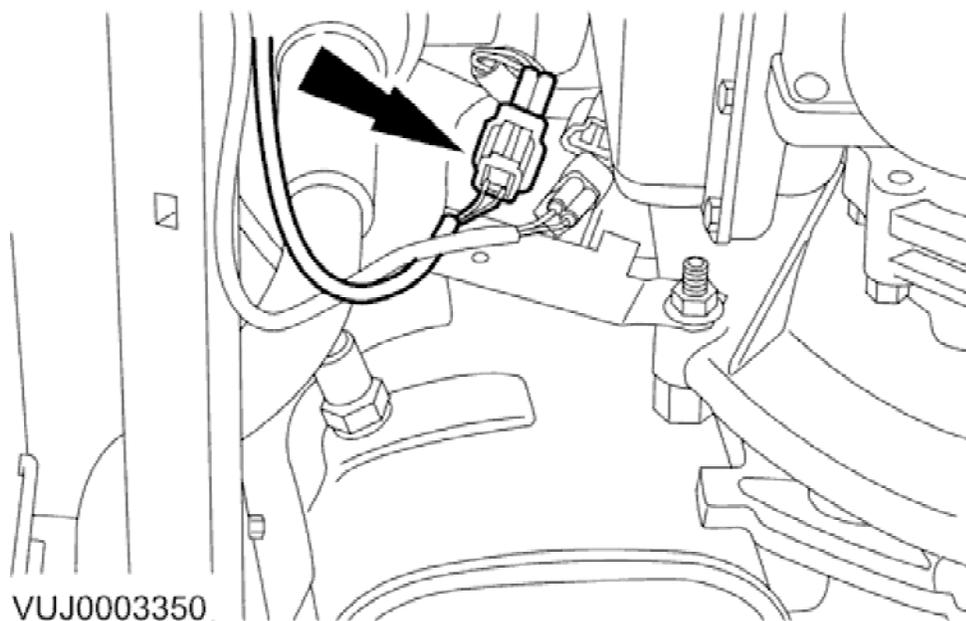
Catalytic Converter LH 17.50.15

Removal

1. Disconnect the battery ground cable. For additional information, refer to <<414-01>>.
2. Remove the cooling fan motor and shroud. For additional information, refer to <<303-03>>.

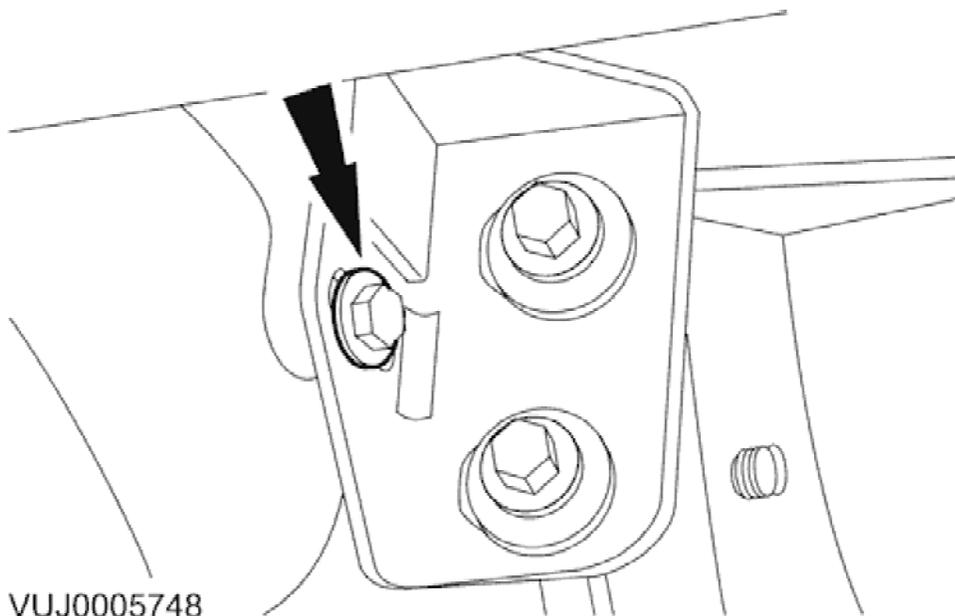


3. Disconnect the heated oxygen sensor (HO2S) electrical connector.



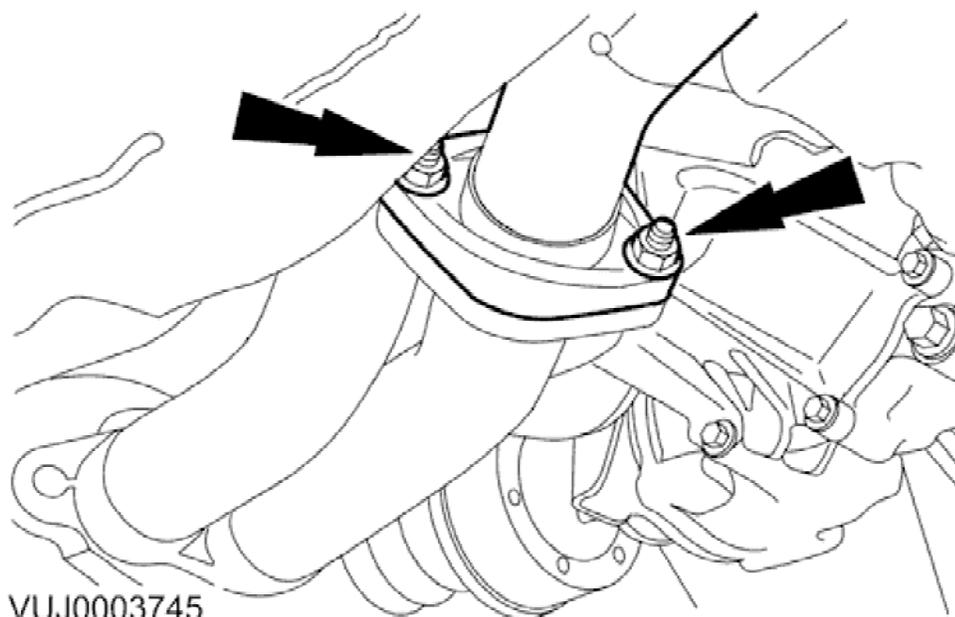
4. Disconnect the catalyst monitor sensor electrical connector.

2004 X-TYPE - Exhaust System - 309-00



VUJ0005748

5. Remove the catalystr to support bracket retaining bolt.



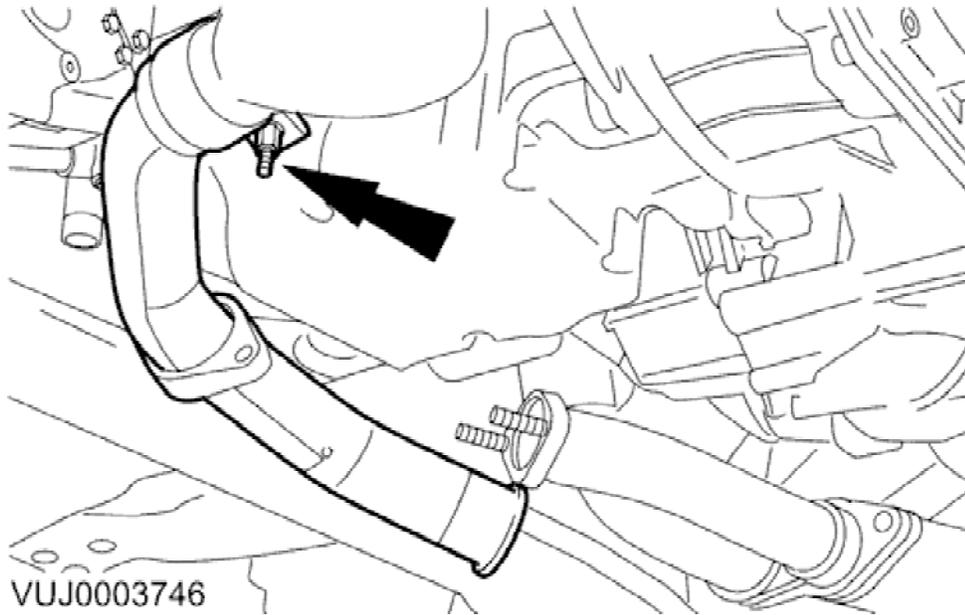
VUJ0003745

6. **NOTE:**

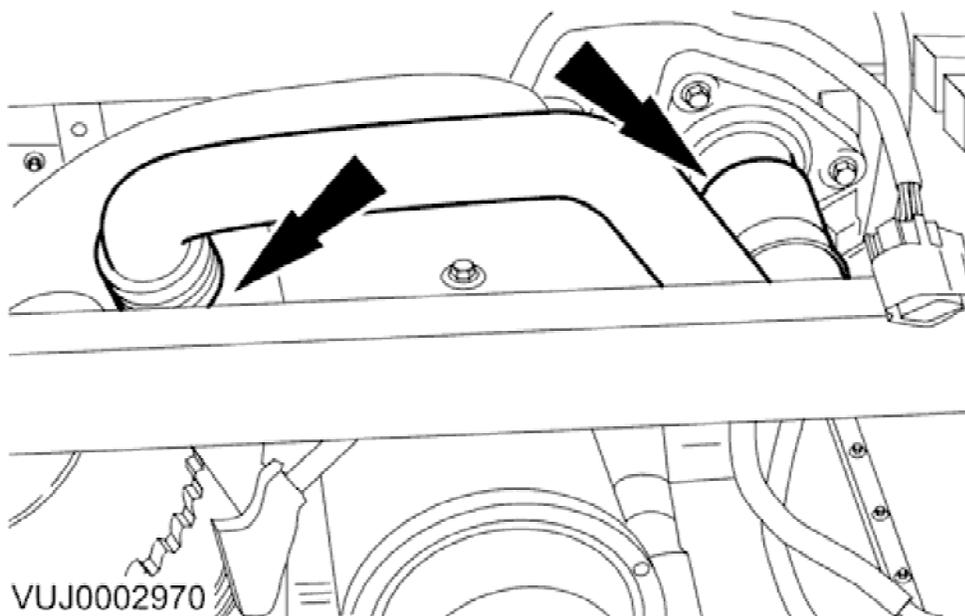
2.5L and 3.0L shown, 2.0L similar.

Detach the muffer inlet pipe.

2004 X-TYPE - Exhaust System - 309-00

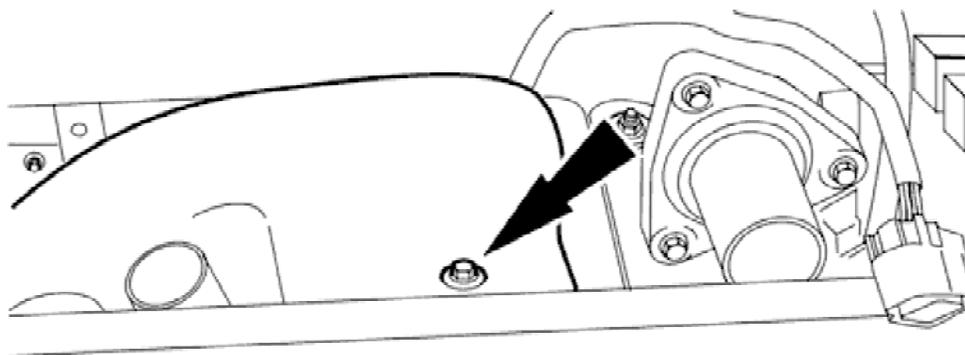


7. Remove the front pipe.



8. Remove the thermostat housing to oil cooler coolant pipe.

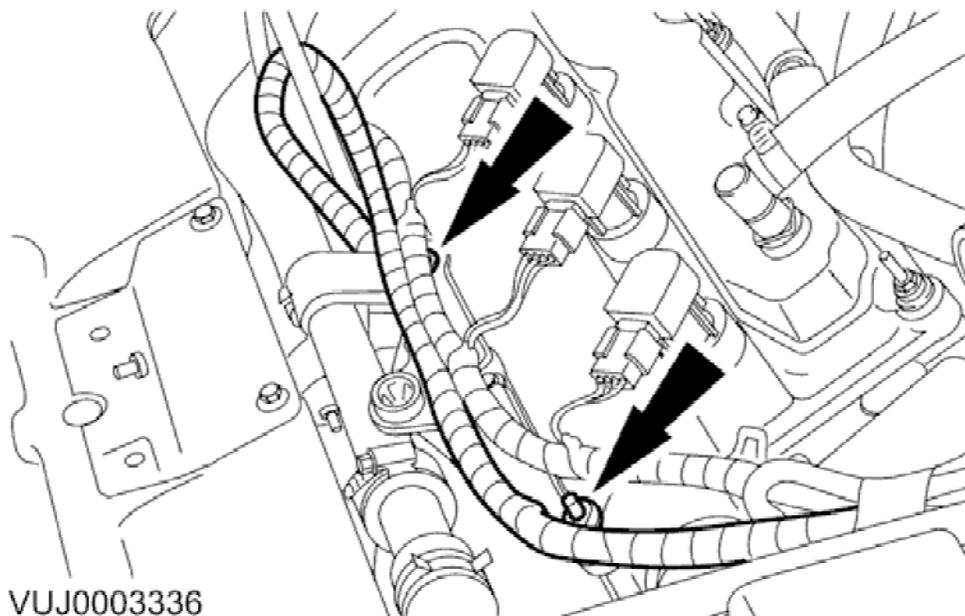
2004 X-TYPE - Exhaust System - 309-00



VUJ0002987

9. Remove the catalytic converter heat shield lower retaining bolt.

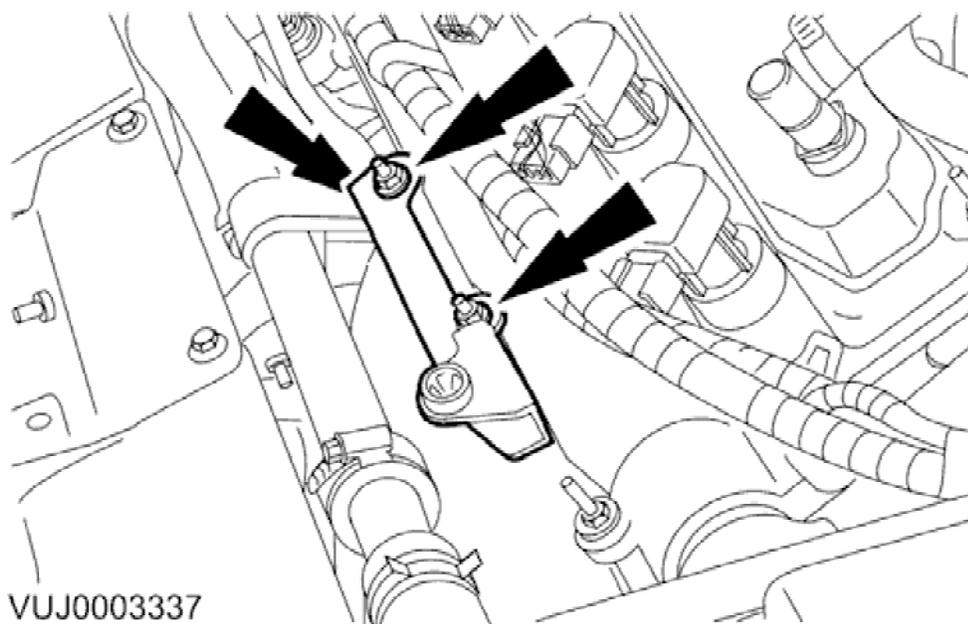
10. Lower the vehicle.



VUJ0003336

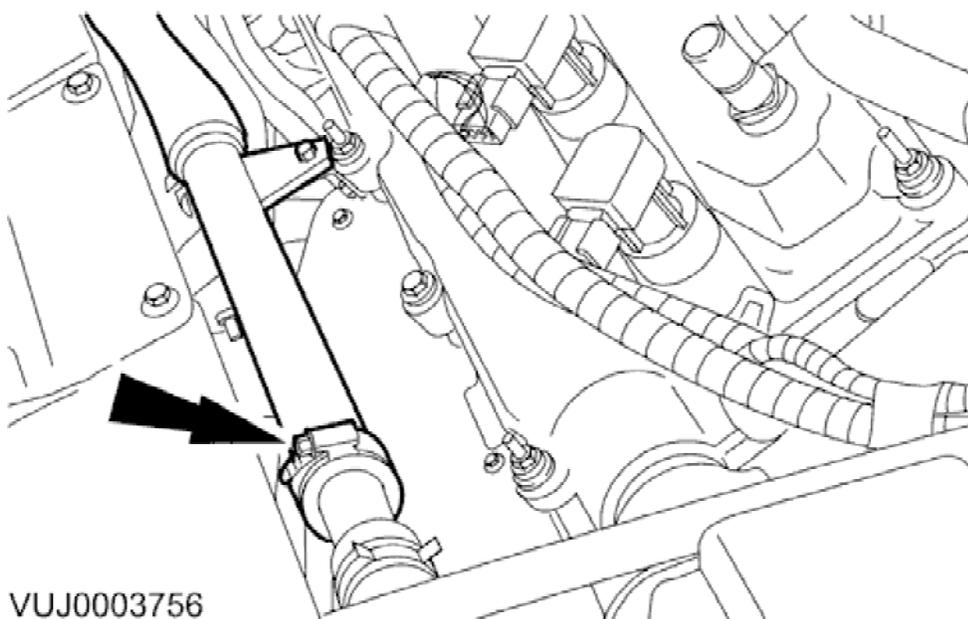
11. Detach and reposition the wiring harnesses.

2004 X-TYPE - Exhaust System - 309-00



VUJ0003337

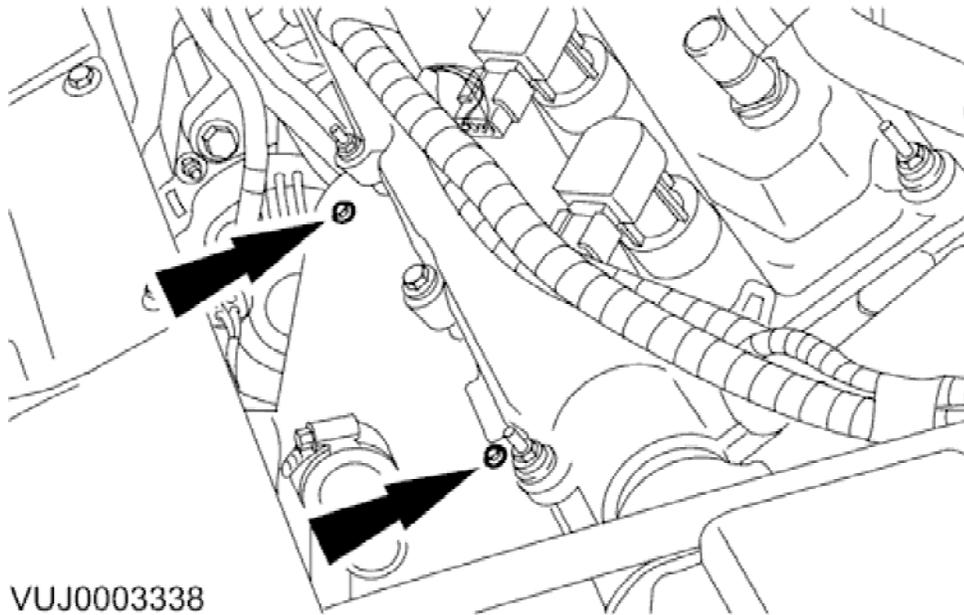
12. Remove the air cleaner retaining bracket.



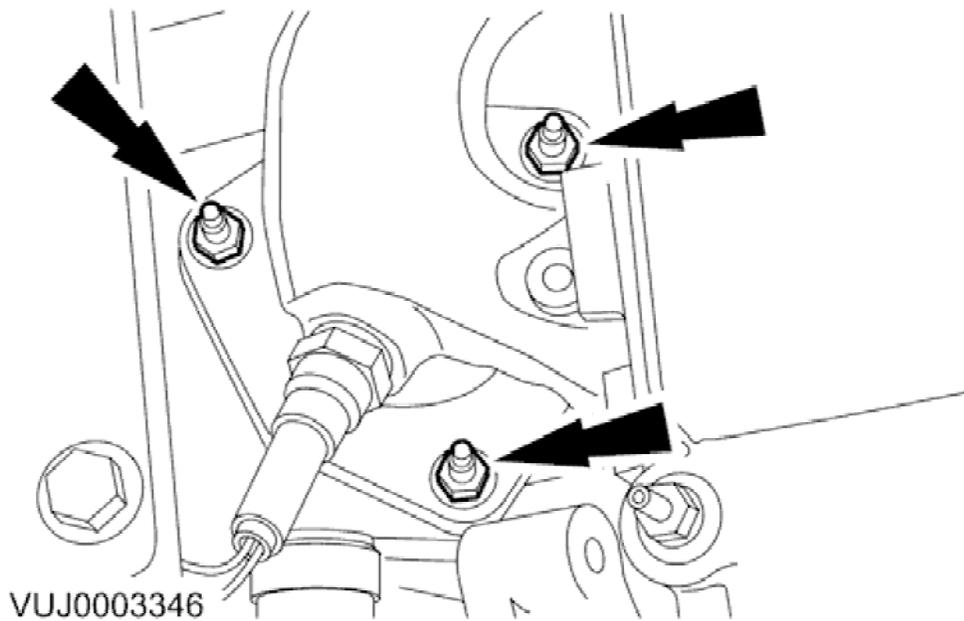
VUJ0003756

13. Detach and reposition the radiator inlet coolant pipe.

2004 X-TYPE - Exhaust System - 309-00

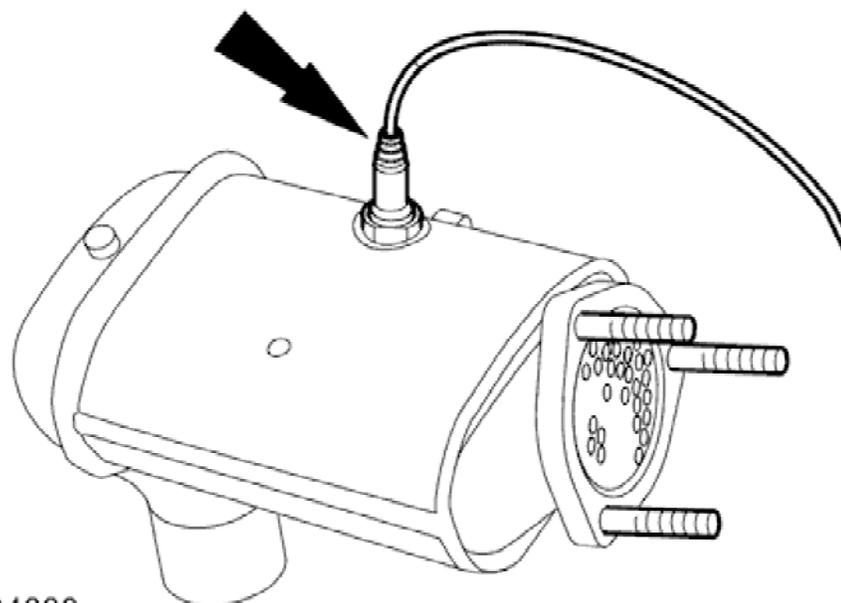


14. Remove the catalytic converter heat shield.



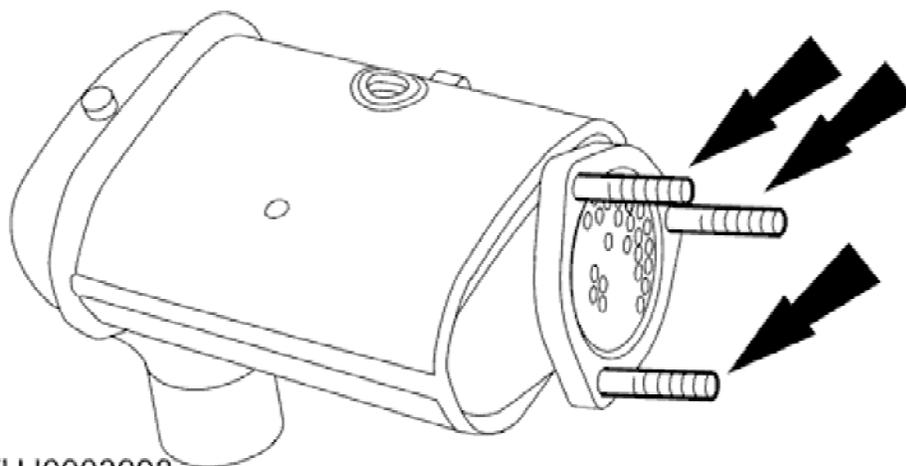
15. Remove the catalytic converter.
• Discard the retaining nuts.

2004 X-TYPE - Exhaust System - 309-00



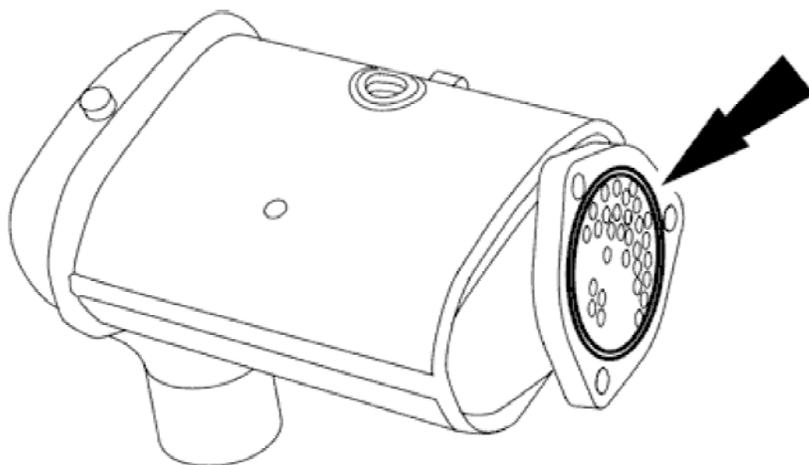
VUJ0004000

16. Remove the HO2S.



VUJ0003998

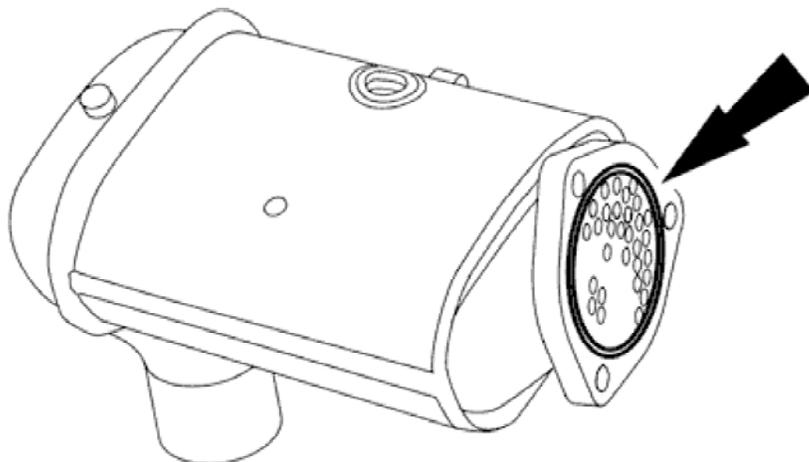
17. Remove and discard the catalytic converter retaining studs.



VUJ0003999

18. Remove and discard the sealing ring.

Installation



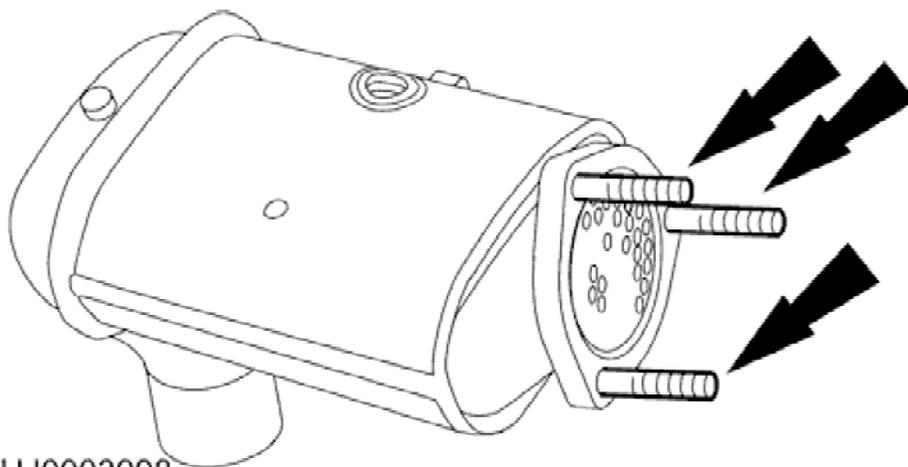
VUJ0003999

1.  **CAUTION:**
Never use jointing compound forward of the catalytic converter.

To install, reverse the removal procedure.

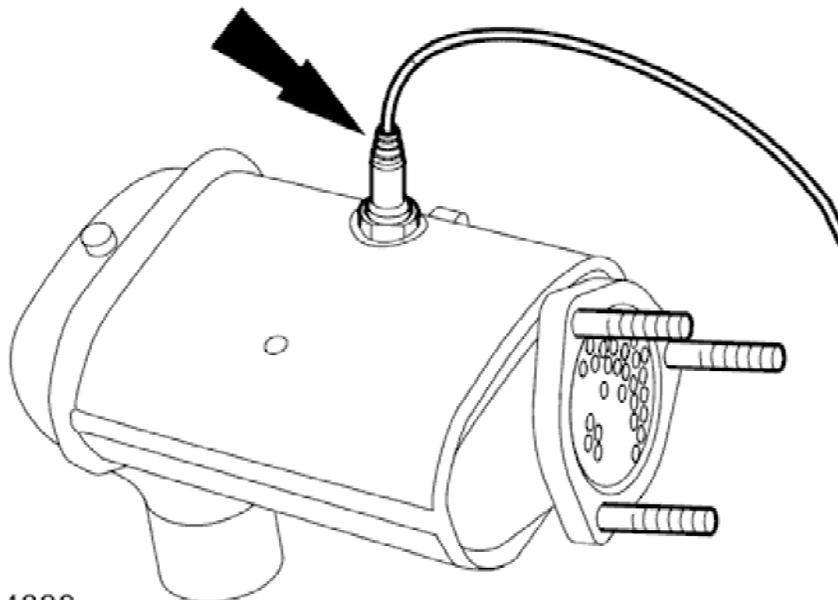
- Install a new sealing ring.

2004 X-TYPE - Exhaust System - 309-00



VUJ0003998

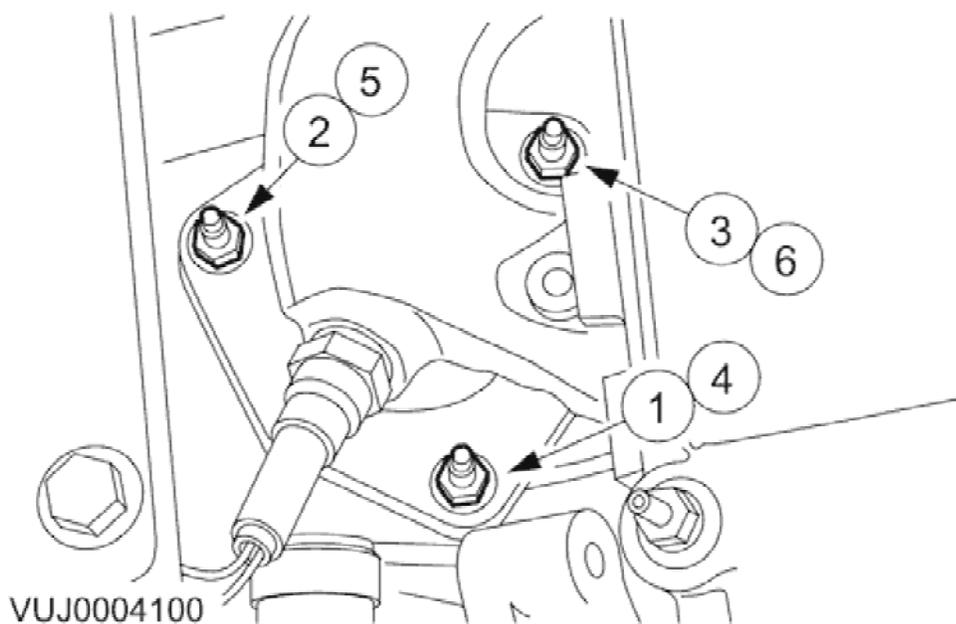
2. Install new catalytic converter retaining studs.
 - Tighten to 9 Nm.



VUJ0004000

3. Tighten to 40 Nm.

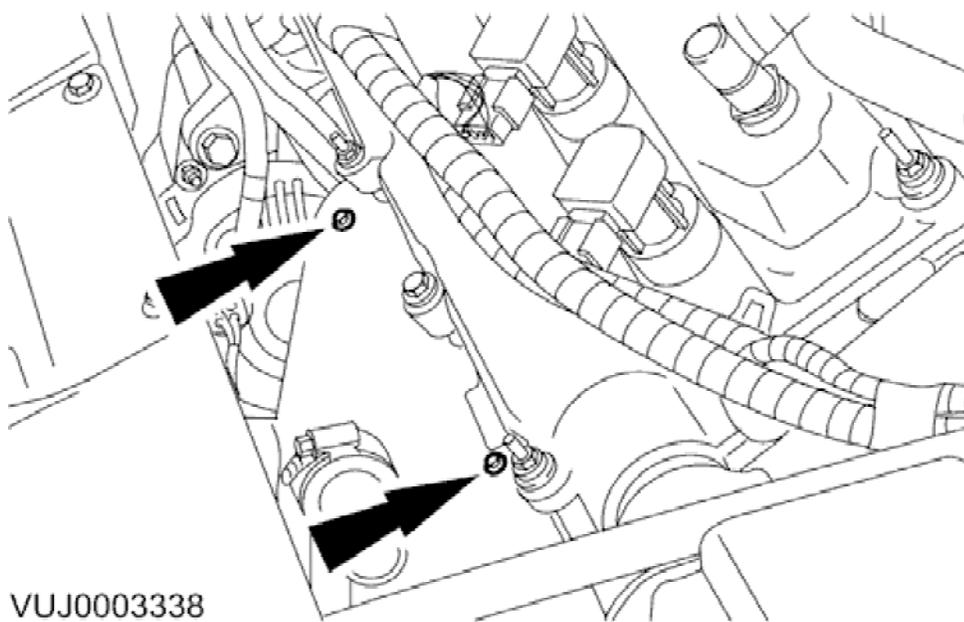
2004 X-TYPE - Exhaust System - 309-00



4. NOTE:

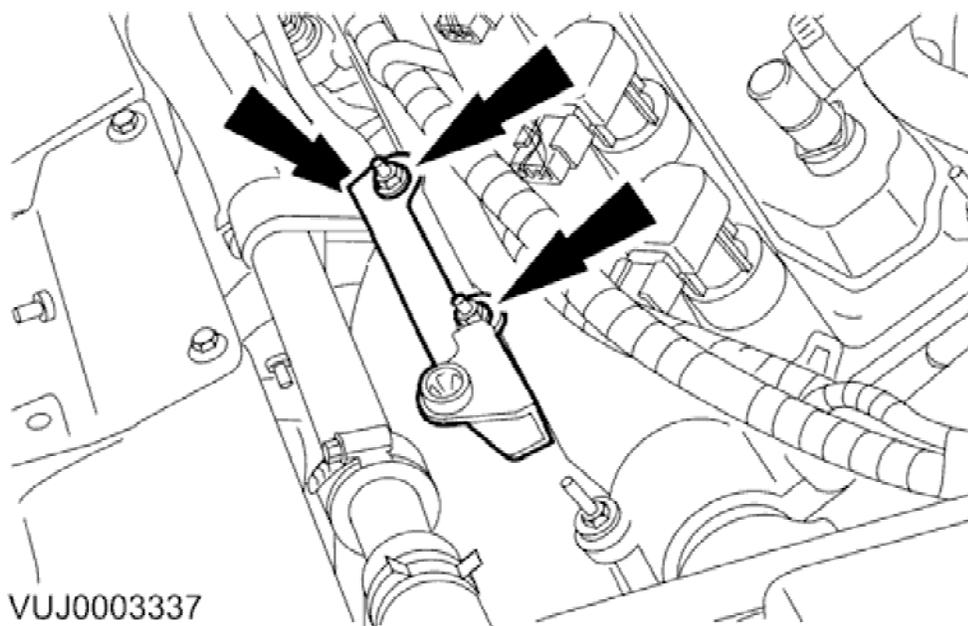
Make sure that the retaining nuts are tightened twice in the sequence shown.

Tighten in the sequence shown to 25 Nm.



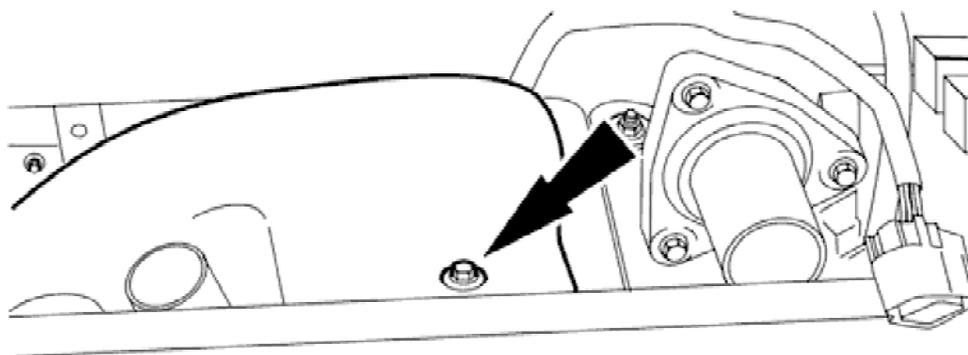
5. Tighten to 10 Nm.

2004 X-TYPE - Exhaust System - 309-00



VUJ0003337

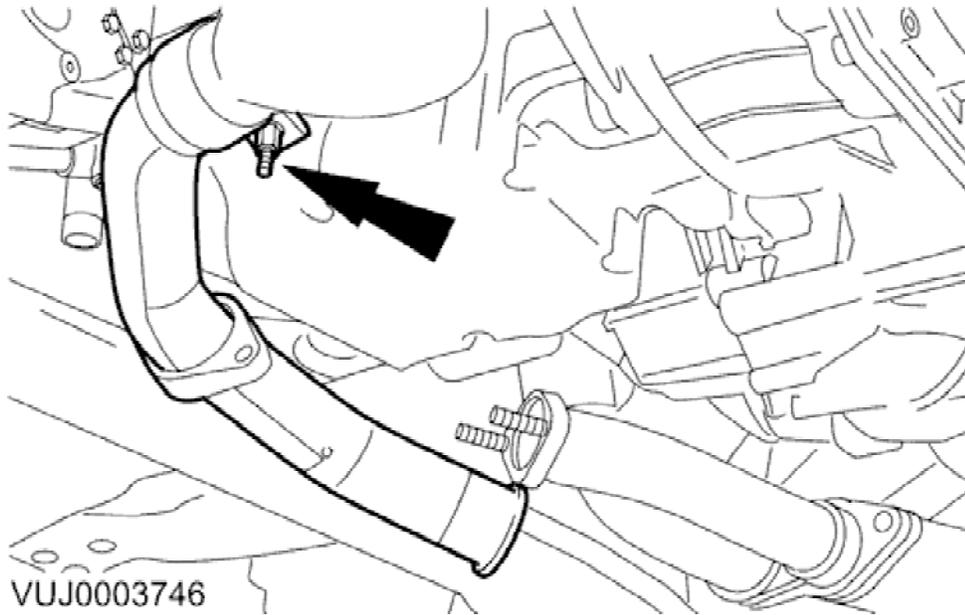
6. Tighten to 6 Nm.



VUJ0002987

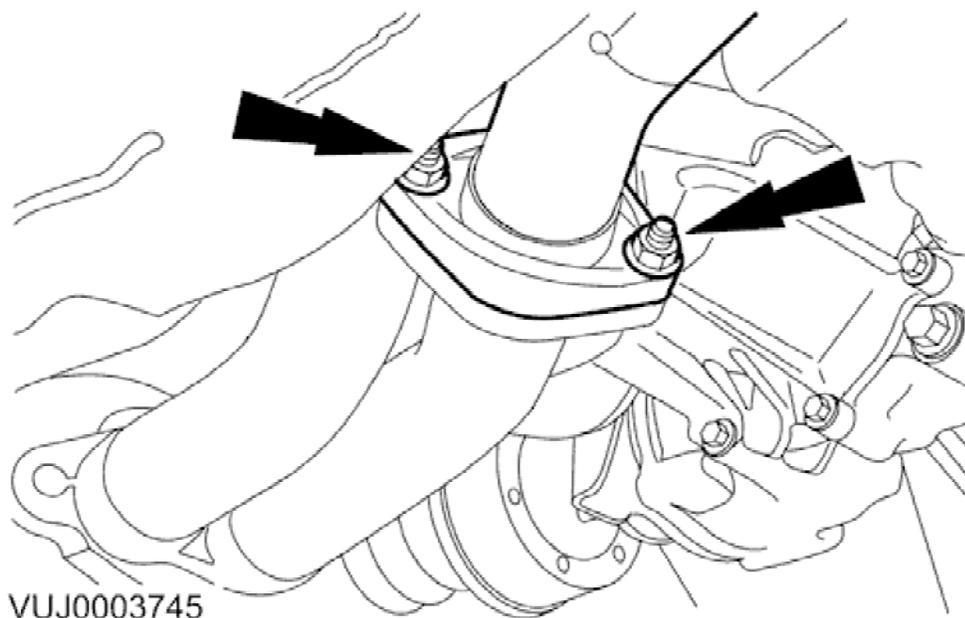
7. Tighten to 10 Nm.

2004 X-TYPE - Exhaust System - 309-00



VUJ0003746

8. Tighten to 55 Nm.



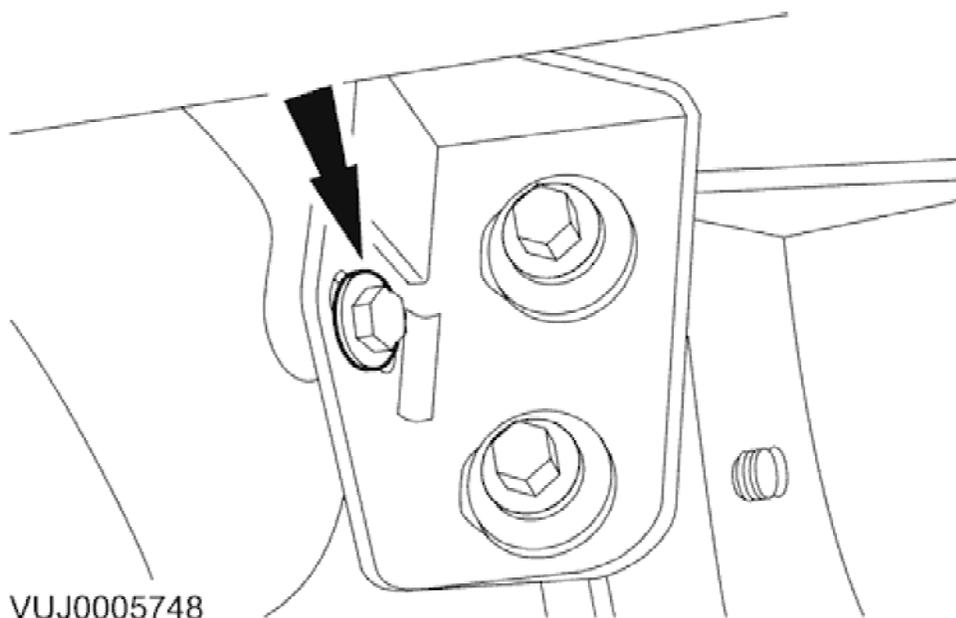
VUJ0003745

9. **NOTE:**

2.5L and 3.0L shown, 2.0L similar.

Tighten to 55 Nm.

2004 X-TYPE - Exhaust System - 309-00



VUJ0005748

10. Tighten to 25 Nm.