

6. Remove the starter. For additional information, refer to **STARTING SYSTEM** .
7. Remove the front bumper. For additional information, refer to **BUMPERS** .
8. Disconnect the lower radiator hose from the radiator.
 - Disconnect the hose hanger.
 - Disconnect the hose.

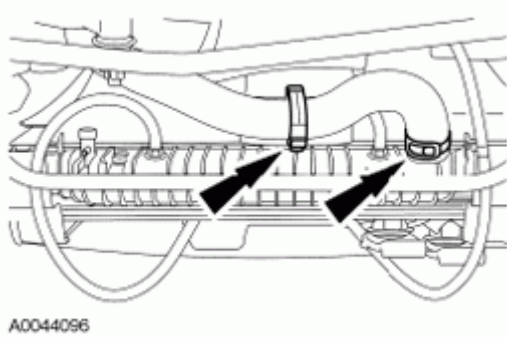


Fig. 298: Locating Lower Radiator Hose And Hanger
Courtesy of FORD MOTOR CO.

9. Disconnect the transmission cooler hoses and drain the fluid into a suitable container.

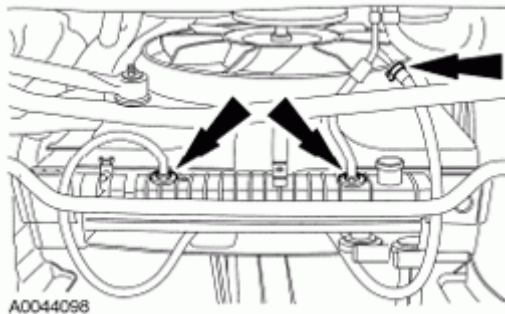


Fig. 299: Locating Transmission Cooler Hoses And Clip
Courtesy of FORD MOTOR CO.

10. Remove the 4 nuts and disconnect the exhaust system from the LH and RH exhaust manifolds.

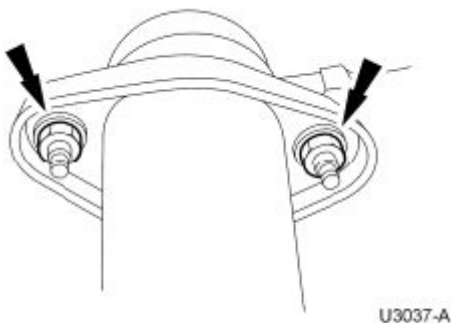


Fig. 300: Locating Exhaust System Nuts
Courtesy of FORD MOTOR CO.

11. Drain the engine oil.

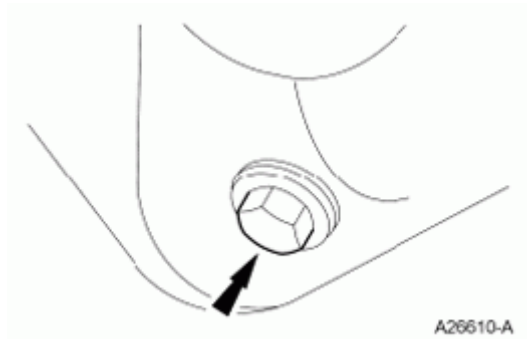


Fig. 301: Locating Engine Oil Drain Plug
Courtesy of FORD MOTOR CO.

12. Disconnect the oil cooler coolant hoses and position aside.

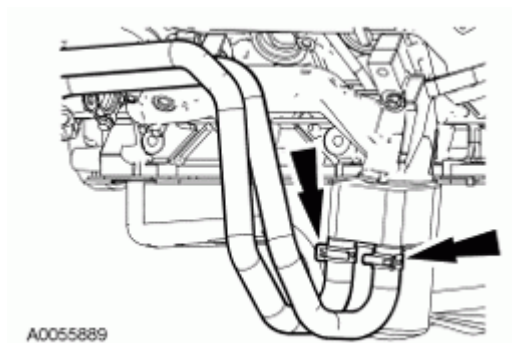


Fig. 302: Locating Oil Cooler Coolant Hoses Clamps
Courtesy of FORD MOTOR CO.

13. Remove and discard the oil filter.

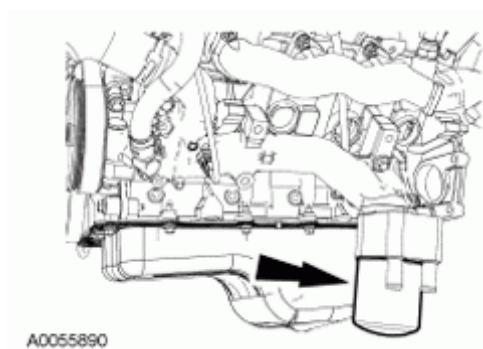


Fig. 303: Locating Oil Filter
Courtesy of FORD MOTOR CO.

14. **NOTE:** A new oil cooler must be installed or severe damage to the engine can occur.

NOTE: If metal or aluminum debris is present in the oil cooler, mechanical concerns exist. To diagnose mechanical concerns, refer to **ENGINE SYSTEM - GENERAL INFORMATION** . Failure to follow this instruction may result in additional engine damage.

Remove and inspect the oil cooler.

- Discard the oil cooler.

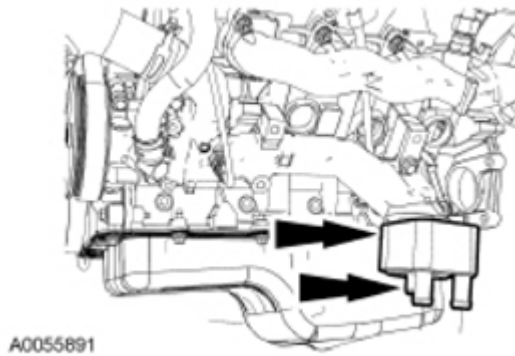


Fig. 304: Locating Oil Cooler
Courtesy of FORD MOTOR CO.

15. Remove the 2 bolts and the flexplate inspection cover.

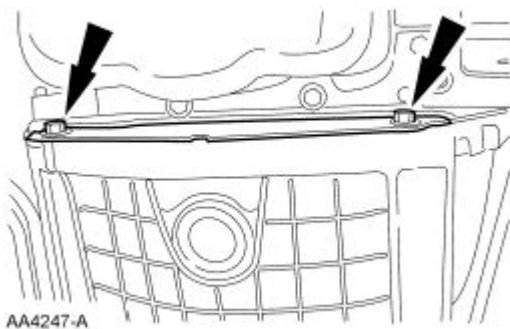


Fig. 305: Locating Flexplate Inspection Plate Bolts
Courtesy of FORD MOTOR CO.

16. If equipped, disconnect the block heater electrical connector and the 2 wiring harness retainers.

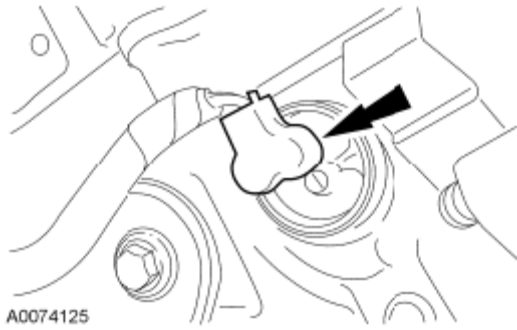


Fig. 306: Locating Block Heater Electrical Connector
Courtesy of FORD MOTOR CO.

17. Remove the cylinder block opening cover.

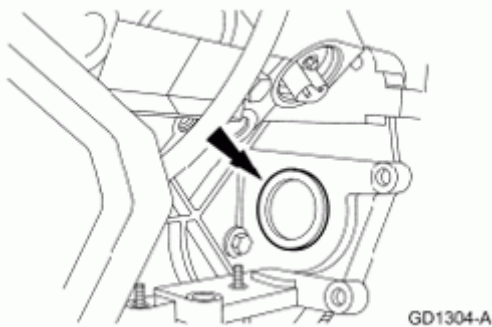


Fig. 307: Locating Cylinder Block Opening Cover
Courtesy of FORD MOTOR CO.

18. Remove and discard the 4 torque converter-to-flexplate nuts.
 - Rotate the crankshaft to access all of the torque converter nuts.

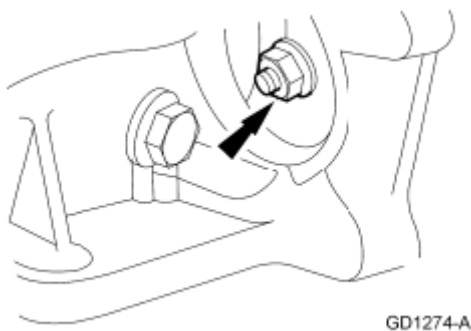


Fig. 308: Locating Torque Converter-To-Flexplate Nuts
Courtesy of FORD MOTOR CO.

19. Disconnect the shift cable from the mounting bracket and shift linkage.

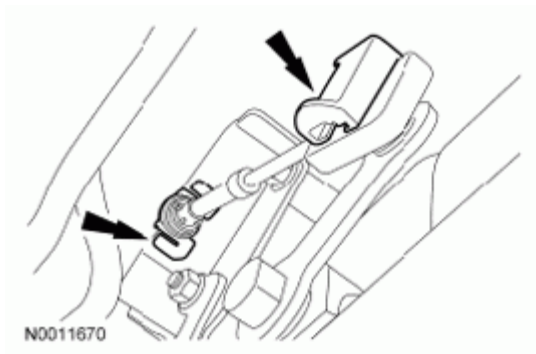


Fig. 309: Locating Shift Cable Mounting Bracket And Shift Linkage
Courtesy of FORD MOTOR CO.

20. Remove the 2 transmission-to-engine bolts and position the shifter cable aside.

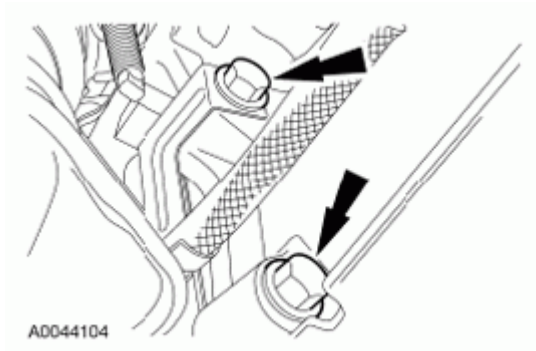


Fig. 310: Locating Transmission-To-Engine Bolts
Courtesy of FORD MOTOR CO.

21. Remove the RH lower transmission-to-engine bolt.

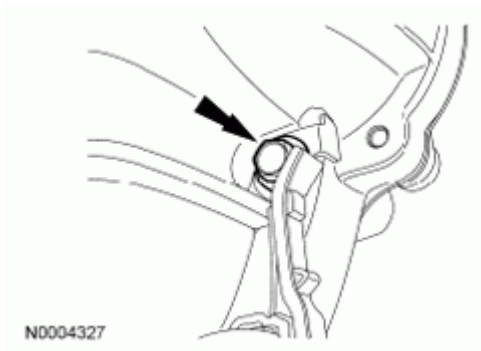


Fig. 311: Locating RH Lower Transmission-To-Engine Bolt
Courtesy of FORD MOTOR CO.

22. **NOTE:** RH shown, LH similar.

Remove the 4 engine support insulator nuts.

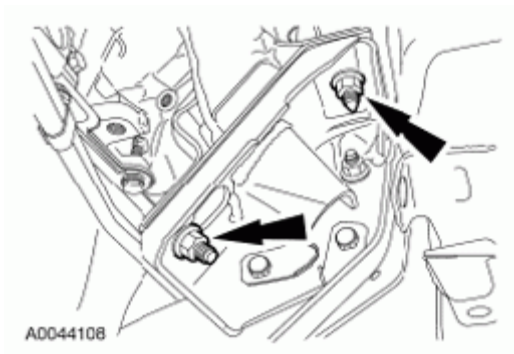
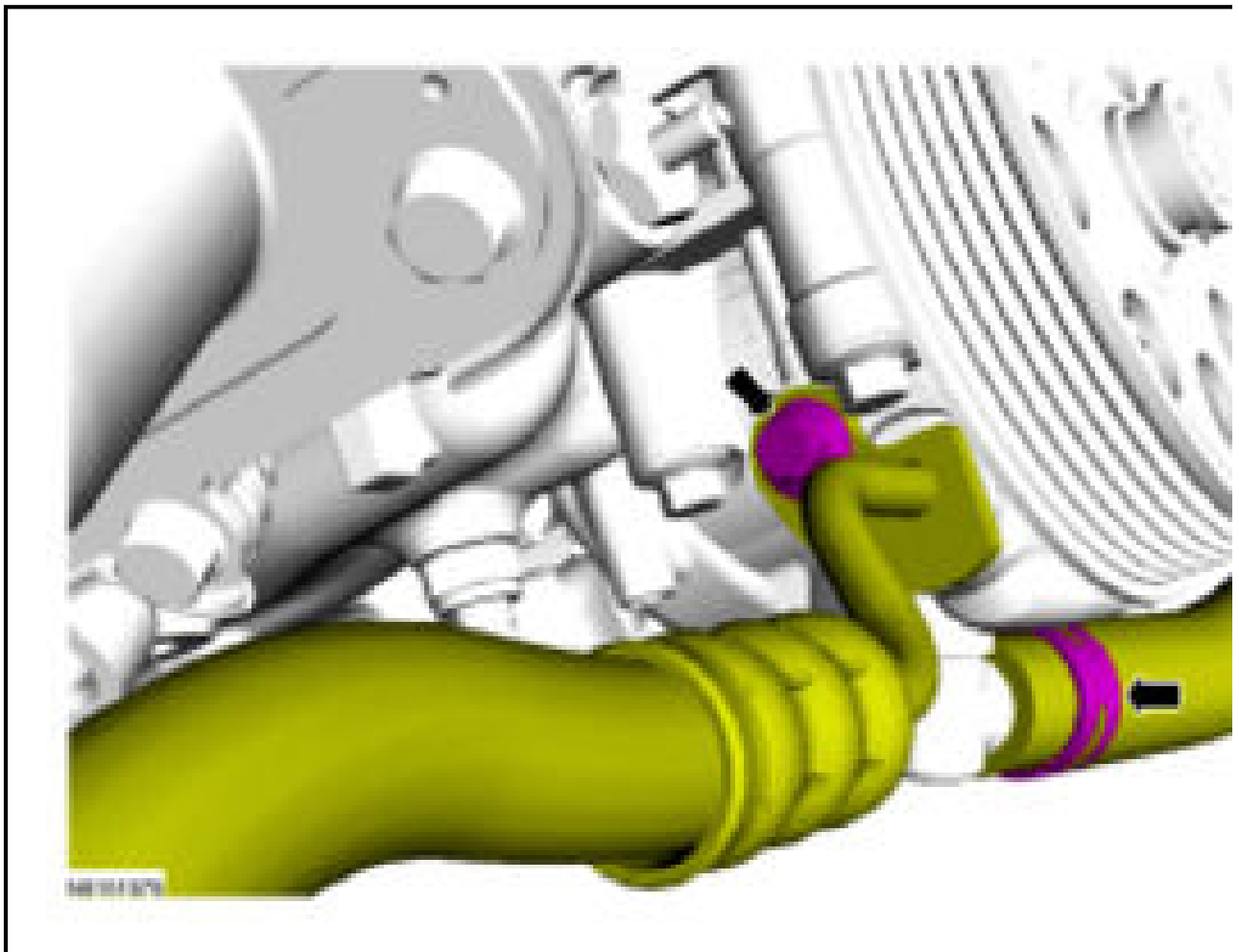


Fig. 312: Locating RH Engine Support Insulator Nuts
Courtesy of FORD MOTOR CO.

23. Disconnect the power steering reservoir hose and the power steering pressure tube at the power steering pump.
 - Allow the fluid to drain into a drain pan.



24. Remove the nut and position the transmission fluid cooler support bracket aside.