



Transmission

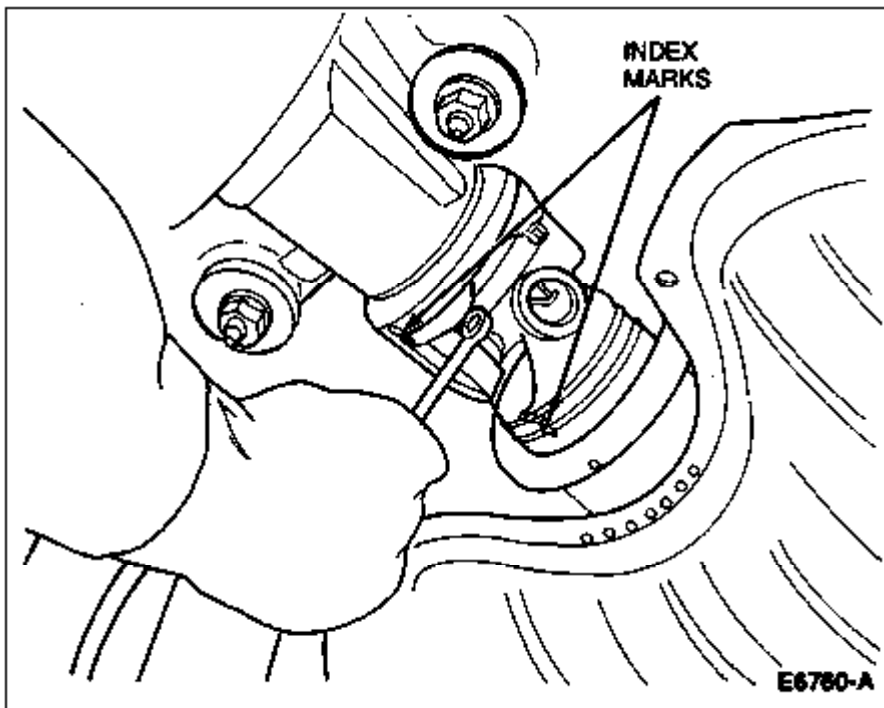
Removal

1. Disconnect battery ground cable.
2. Shift transmission into the NEUTRAL position.
3. Remove shift knob.
4. Remove console top cover.
5. Remove two shifter retaining bolts and remove shifter.
6. Raise vehicle on hoist and position safety stands. Refer to «[Section 00-02](#)».
7. Remove drain plug and drain oil from transmission.
8. Remove body reinforcement in front of axle.
9. Disconnect the rear exhaust assembly from the resonator.

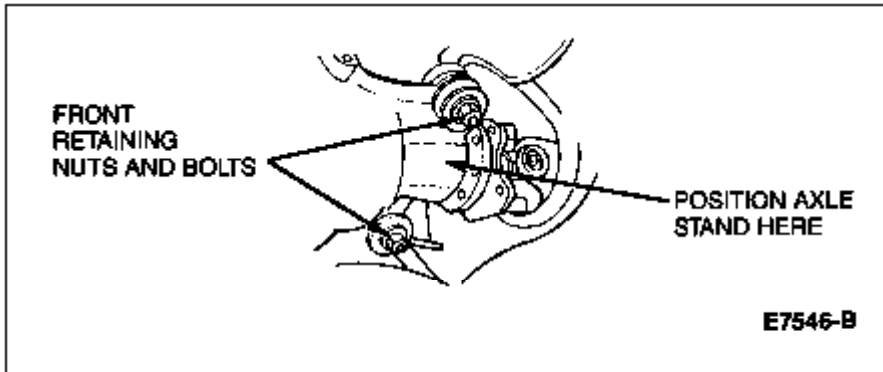
NOTE:

Mark the rear driveshaft yoke and circular companion flange so that the driveshaft can be installed in its original position.

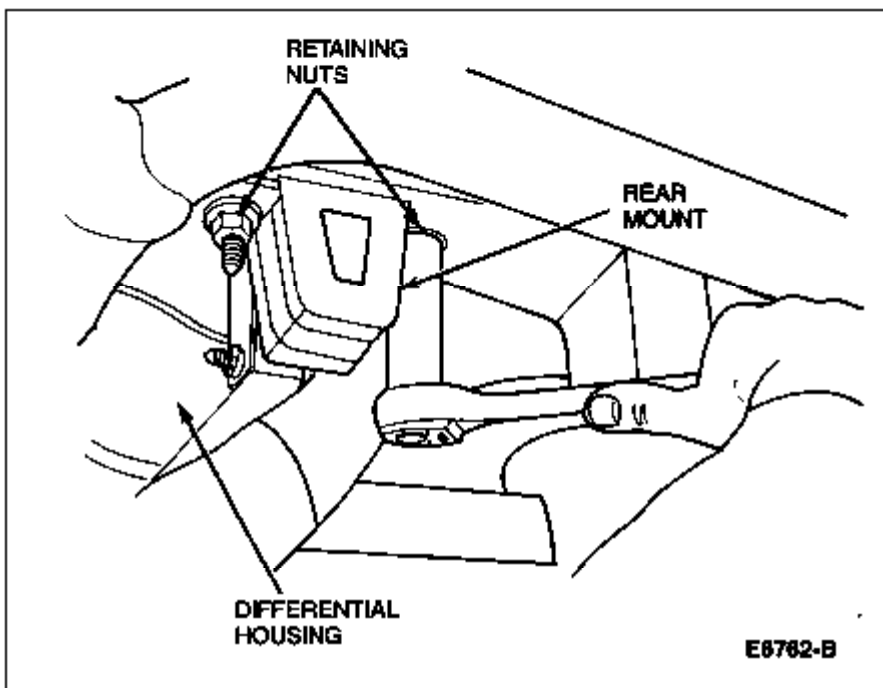
10. Remove four bolts retaining driveshaft to axle circular companion flange.



11. Position axle stand under the front of the axle housing and remove front retaining nuts and bushings.



12. Loosen rear retaining nuts to allow front of axle to tilt for driveshaft removal.



13. Pull vent tube from hole in subframe.

CAUTION:

Use care when positioning driveshaft so not to nick, burr or contaminate driveshaft yoke or circular companion flange.

14. Lower front of axle housing with axle stand and slide driveshaft out of transmission above axle housing. Let driveshaft rest on the front driveshaft support and axle assembly.
15. Remove catalytic converter assembly.
16. Disconnect hydraulic clutch line.
17. Disconnect electrical connectors.
18. Remove starter.
19. With the full weight of the transmission on the crossmember, remove transmission mount nut using a 21mm socket.

20. Position transmission jack under transmission.
21. Remove crossmember.
22. Remove bellhousing-to-engine bolts.
23. Move transmission to the rear until the input shaft clears engine flywheel. Lower transmission from vehicle.

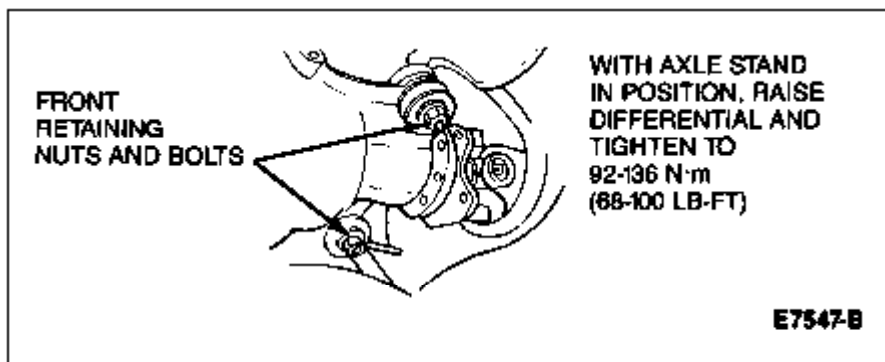
Installation

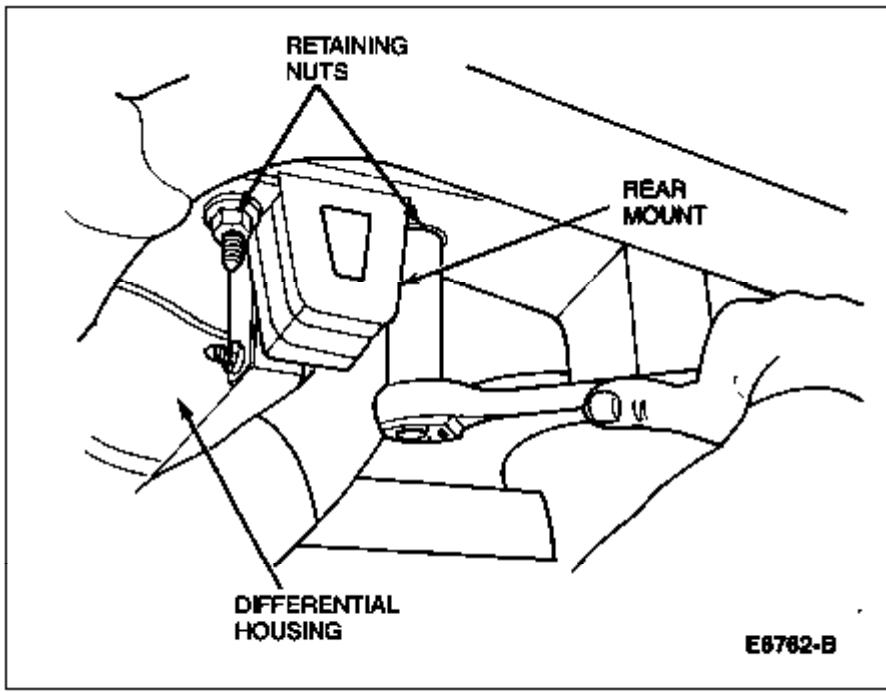
1. Secure transmission assembly on transmission jack. Install guide studs in the engine block and raise transmission until input shaft splines are aligned with clutch disc splines.
2. Slide transmission forward on guide studs until it is positioned in the vehicle.
3. Install bellhousing-to-engine retaining bolts. Tighten to 38-51 N-m (28-38 lb-ft).
4. Install crossmember. Tighten bolts to 47-68 N-m (35-50 lb-ft).
5. Remove transmission jack.
6. Connect electrical connectors.
7. Connect hydraulic clutch line.
8. Install starter.
9. Install catalytic converter assembly.

NOTE:

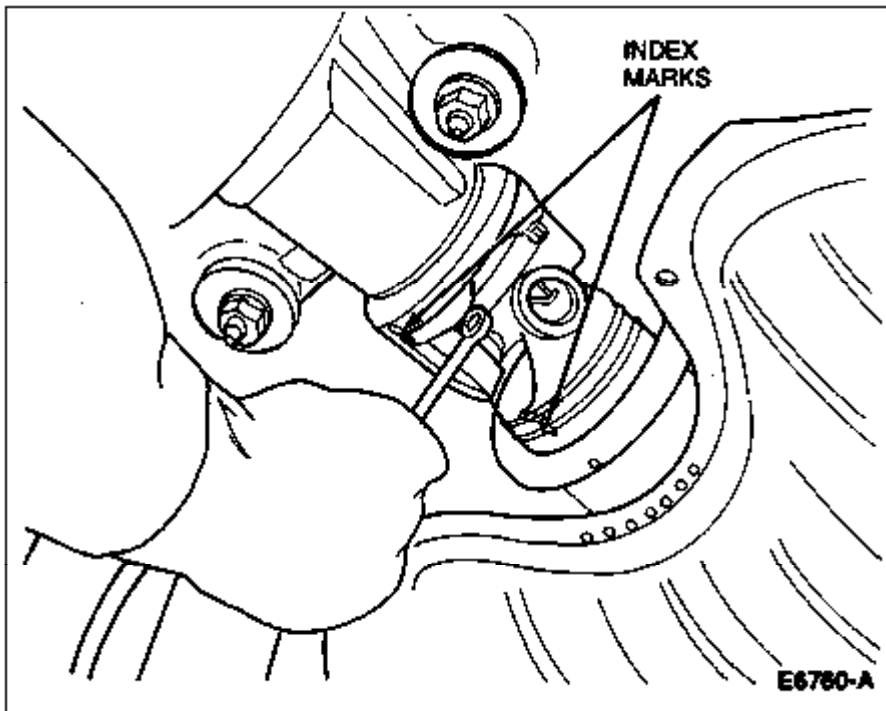
Lubricate driveshaft yoke splines with Premium Long-Life Grease XG-1-C (ESA-MIC75-B) or equivalent.

10. Slide driveshaft into transmission.
11. Raise axle housing with axle stand and install bushings and retaining nuts. Tighten four retaining nuts to 92-136 N-m (68-100 lb-ft). Remove axle stand.





12. Position vent tube in hole of subframe.
13. Align driveshaft yoke and circular companion flange, and install retaining bolts. Tighten to 95-129 N-m (71-95 lb-ft).



14. Connect exhaust pipe muffler assembly to resonator.
15. Add five ounces of Additive Friction Modifier C8AZ-19B546-A (EST-M2C118-A) and fill to a total of 3L (6.3 pt) with Synthetic MERCON® Multi-Purpose Transmission Fluid E6AZ-19582-B (ESR-M2C163-A2) or equivalent.

NOTE:

Apply Pipe Sealant with Teflon® D8AZ-19554-A (ESG-M4G194-A and ESR-M18P7-A) or equivalent

to fill plug threads in a clockwise direction prior to installation.

16. Install transmission fill plug and sealing washer. Tighten to 40-58 N-m (29-43 lb-ft) using a 24mm socket.
 17. Lower vehicle.
 18. Position shifter and install retaining bolts. Tighten to 24-33 N-m (18-24 lb-ft).
 19. Install console top cover.
 20. Install shifter knob.
 21. Connect battery ground cable.
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