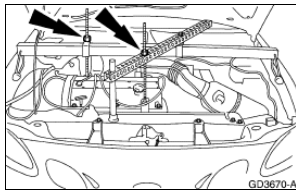


6. Lower the vehicle.

7. Lower the rear of the engine partially to gain access to the lower rear support insulator bolt.

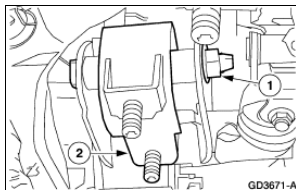
- Loosen the nuts in the Three-Bar Engine Support to lower the engine.



8. Raise and support the vehicle; refer to Section 100-02 .

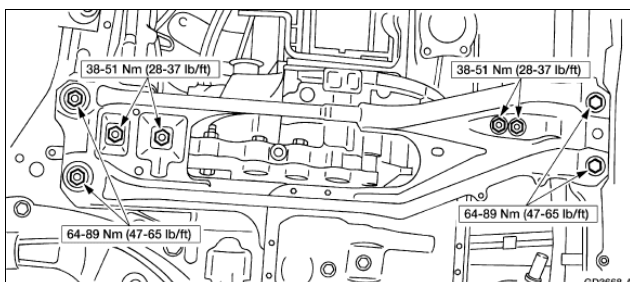
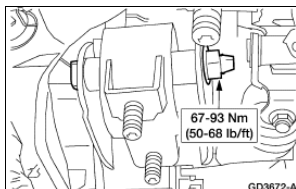
9. Remove the lower rear transmission insulator.

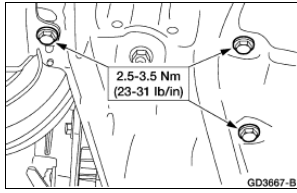
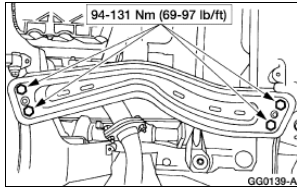
1. Remove the through bolt.
2. Remove the lower rear transmission insulator.



Installation

1. To install, reverse the removal procedure.

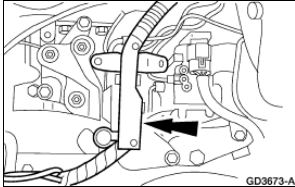




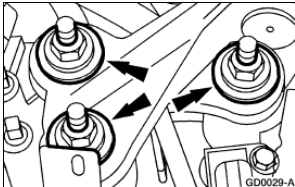
Transaxle Support Insulator LH

Removal

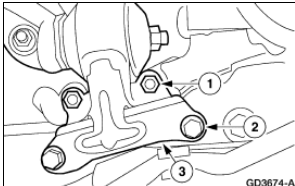
1. Remove the battery tray; refer to [Section 414-01](#) .
2. Remove the wiring harness from the LH transmission insulator and position it aside.



3. Remove the LH transmission insulator to transmission nuts and washers.

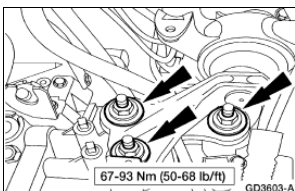
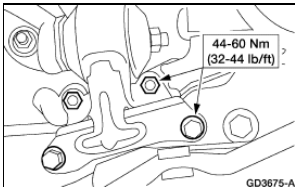


4. Remove the LH transmission insulator.
 1. Remove the nuts.
 2. Remove the bolts.
 3. Remove the LH transmission insulator.




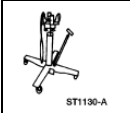
Installation

1. To install, reverse the removal procedure.

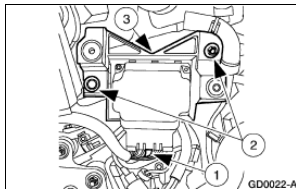


Transaxle

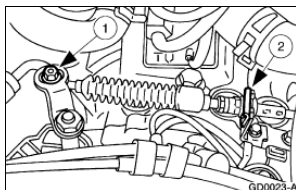
Special Tool(s)

 <p>ST1339-A</p>	<p>Three-Bar Engine Support 303-D063 (D88L-6000-A) or equivalent</p>
 <p>ST1130-A</p>	<p>Transmission Jack or equivalent 014-00942</p>

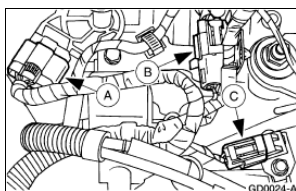
1. Remove the battery tray (10732); refer to [Section 414-01](#) .
2. Remove the air cleaner outlet tube (9B659); refer to [Section 303-12](#) .
3. Remove the engine air cleaner (ACL) (9600); refer to [Section 303-12](#) .
4. Remove the computer control relay module (CCRM).
 1. Disconnect the CCRM electrical connector.
 2. Remove the CCRM bracket bolt and the CCRM bracket nut.
 3. Remove the CCRM and bracket as an assembly.



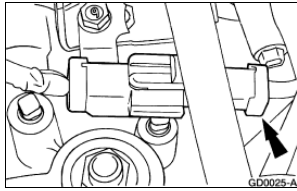
5. Remove the shift cable and bracket (7E395) and position it aside.
 1. Remove the shift cable and bracket nut from the manual control shift outer lever (7G354).
 2. Remove the shift cable and bracket clip.



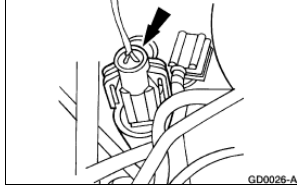
6. Disconnect the (A) transmission range (TR) sensor electrical connector, the (B) transmission solenoid electrical connector, and the (C) turbine shaft speed (TSS) sensor electrical connector.



7. Disconnect the downstream catalyst monitor sensor electrical connector.

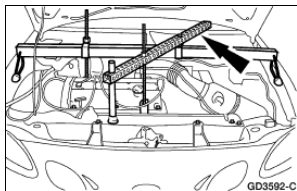


8. Disconnect the vehicle speed sensor (VSS) electrical connector.



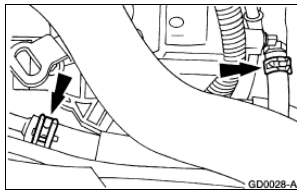
9. Remove the starter motor; refer to [Section 303-06](#) .

10. Install Three-Bar Engine Support.

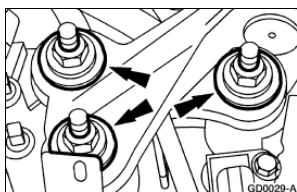


11. **NOTE:** Place a drain pan under the transmission before disconnecting the fluid cooler lines.

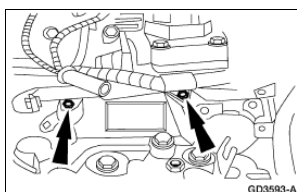
Disconnect the fluid cooler lines from the transmission.



12. Remove the LH engine support insulator nuts and washers.

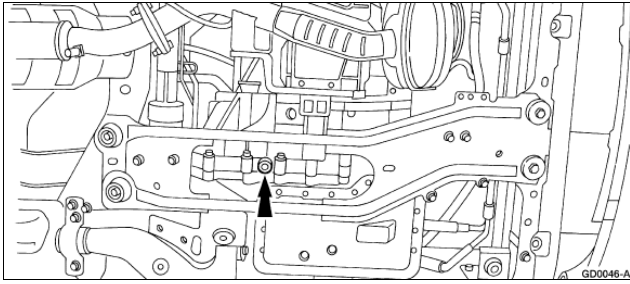


13. Remove the upper transmission to engine bolts.



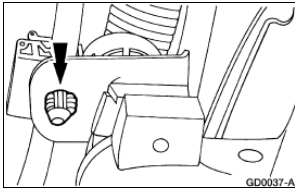
14. Raise and support the vehicle; refer to [Section 100-02](#) .

15. Remove the case plug (7A010) and drain the transmission fluid.

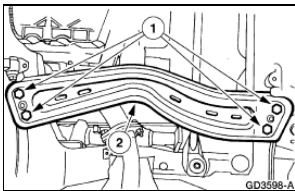


16. Remove the RH and LH halfshafts; refer to Section 205-04 .

17. Disconnect the heated oxygen sensor (HO2S) wire clip.



18. Remove the crossmember.
1. Remove the bolts.
 2. Remove the crossmember.

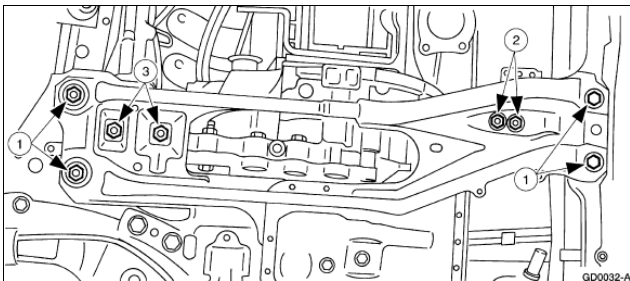


19. Remove the three-way catalytic converter; refer to Section 309-00 ..

20. **NOTE:** Disconnect the A/C line from the retainer located on the front of the front engine crossmember.

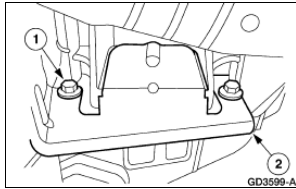
Remove the transmission support crossmember.

1. Remove the transmission support crossmember bolts and nuts.
2. Remove the LH engine isolator nuts.
3. Remove the transmission isolator nuts.

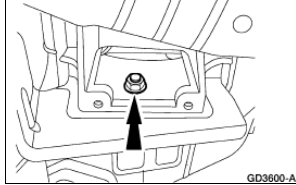


21. Remove the transmission housing cover.

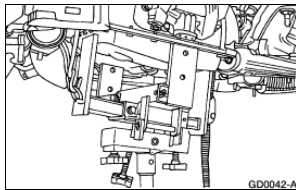
1. Remove the bolts.
2. Remove the housing cover.



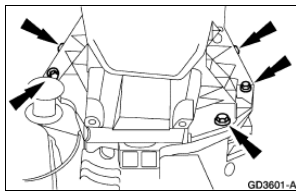
22. Remove the four flywheel to converter retaining nuts.



23. Position Transmission Jack under the transmission. Secure the transmission to the jack.







24. Remove the five remaining transmission to engine bolts.



25. Carefully lower the transmission out of the vehicle.

Transaxle

Special Tool(s)

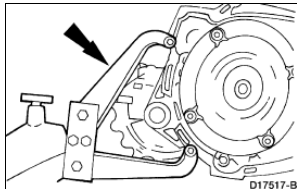
 <p>ST1186-A</p>	<p>Bench Mounted Holding Fixture 307-003 (T57L-500-B)</p>
 <p>ST1571-A</p>	<p>Return Spring Compressor 307-S190 (T88C-77000-AH)</p>
 <p>ST1123-A</p>	<p>Step Plate Adapter Set 205-DS011 (D80L-630-A) or equivalent</p>
 <p>ST1573-A</p>	<p>Turbine Shaft Holder 307-199 (T88C-77000-KH)</p>

NOTE: Thoroughly clean the exterior of the transmission and dry it with compressed air.

1. **NOTE:** Position the transmission in Bench Mounted Holding Fixture in its normal upright position.

Install Bench Mounted Holding Fixture on the transmission case.

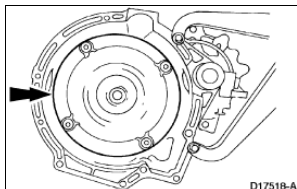
- Position a drain pan under the transmission.



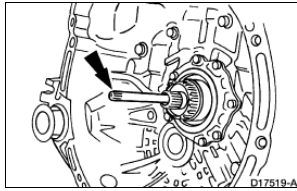
2. **⚠ CAUTION:** The torque converter (7902) is heavy. Be careful not to drop it.

Remove the torque converter.

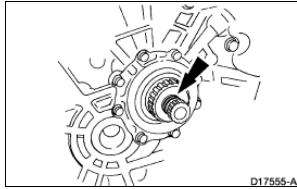
- Drain the fluid from the torque converter.



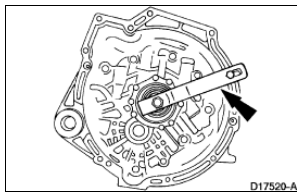
3. Remove the oil pump shaft (7B328).



4. Remove and discard the converter turbine shaft seal.

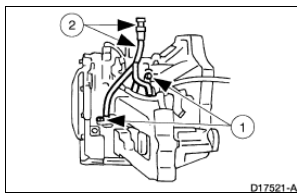


5. Install Turbine Shaft Holder.



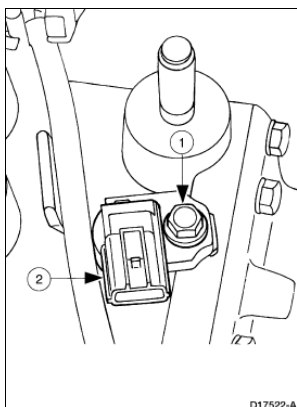
6. Remove the fluid level indicator (7A020) and oil filler tube (7A228).

1. Remove the fluid filler tube bolts.
2. Remove the fluid level indicator and oil filler tube.



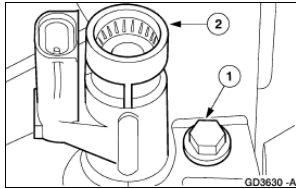
7. Remove the turbine shaft speed (TSS) sensor.

1. Remove the TSS sensor bolt.
2. Remove the TSS sensor.

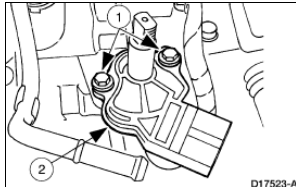


8. Remove the vehicle speed sensor (VSS).

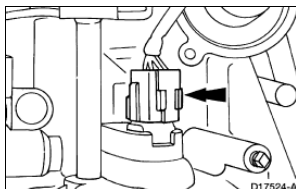
1. Remove the bolt.
2. Remove the VSS.



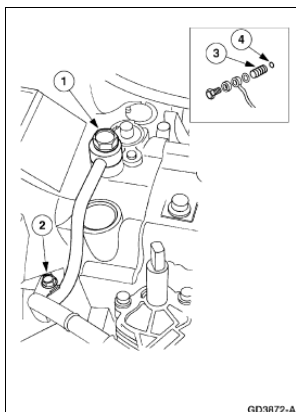
9. Remove the transmission range (TR) sensor.
1. Remove the TR sensor bolts.
 2. Remove the TR sensor.



10. Disconnect the solenoid electrical connector.



11. Remove the fluid cooler tube (7A031).
1. Remove the fluid cooler tube bolt and washer.
 2. Remove the fluid cooler tube nut.
 3. Remove the drain back valve spring.
 4. Remove the steel ball.



12. **⚠ CAUTION:** Remove the transmission fluid pan (7A194) before turning the transmission over. This will ensure that any foreign material remains in the pan.

NOTE: Slowly loosen the transmission oil pan bolts, working from the LH front corner to the rear, allowing the transmission fluid pan to gradually drop and the ATF to drain.

Remove the transmission fluid pan and the oil pan to case gasket (7A191).

1. Remove the oil pan bolts.
2. Remove the transmission fluid pan and oil pan to case gasket. Discard the oil pan to case gasket.