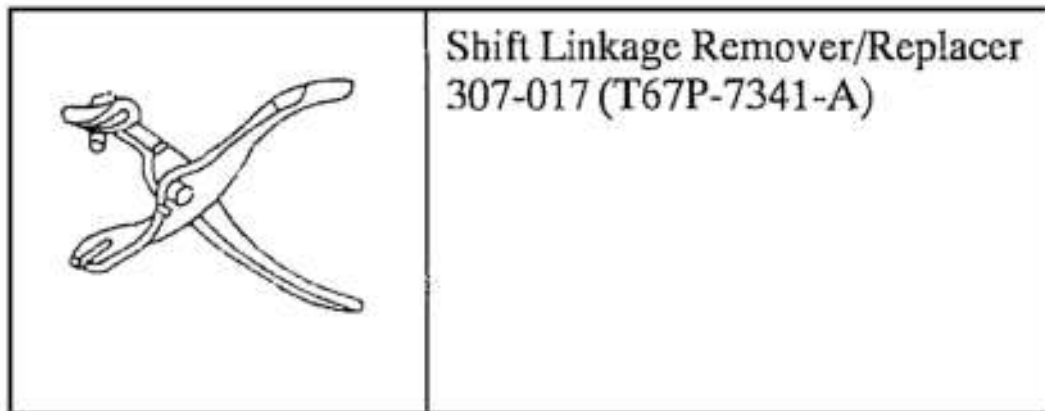


# INSTALLATION

## TRANSFER CASE

### Special Tool(s)

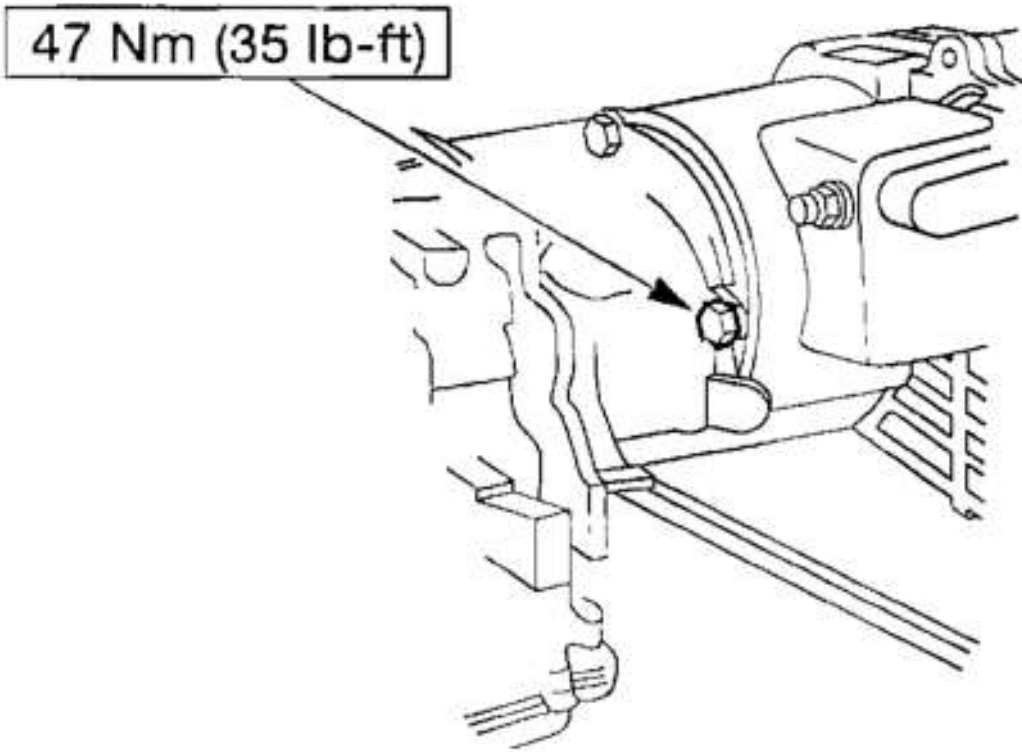


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**Fig. 135: Special Tool(s)**

### Installation

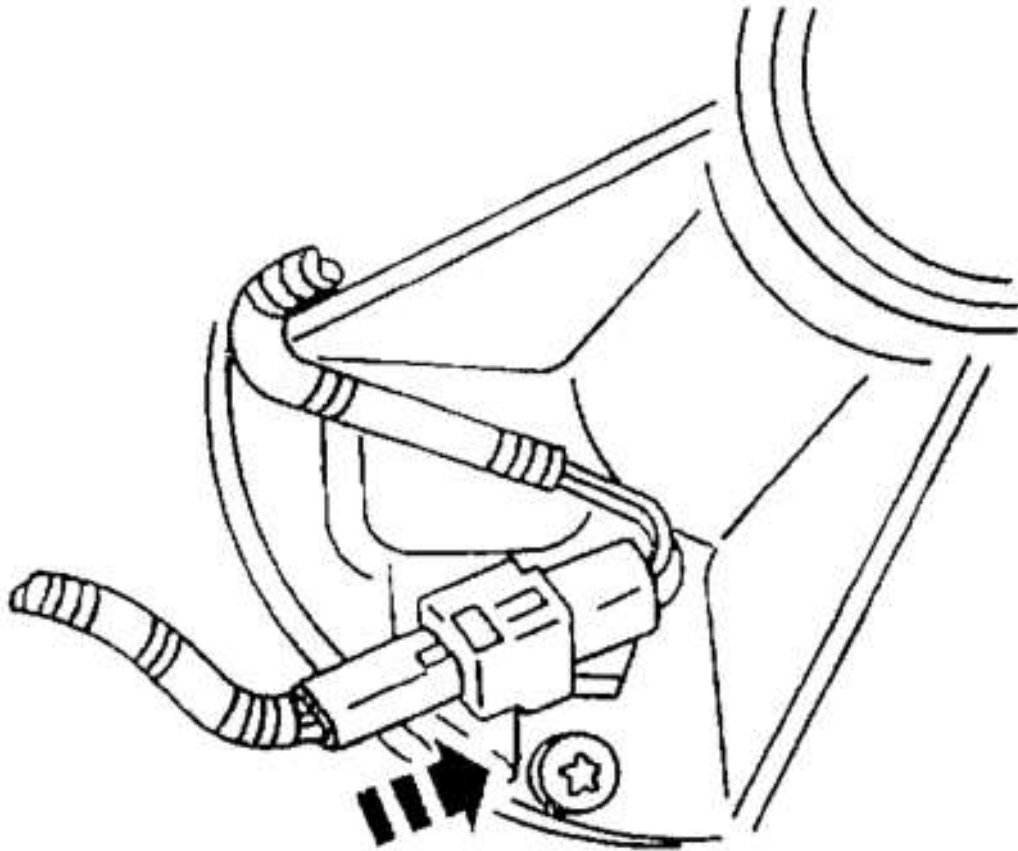
1. Position the transfer case (7A195) onto a jack.
  - Use a hi-lift jack.
  - Secure the transfer case.
2. Position the transfer case.
3. Install the six transfer case to transmission bolts (three each side).



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**Fig. 136: Installing Transfer Case-To-Transmission Bolts**

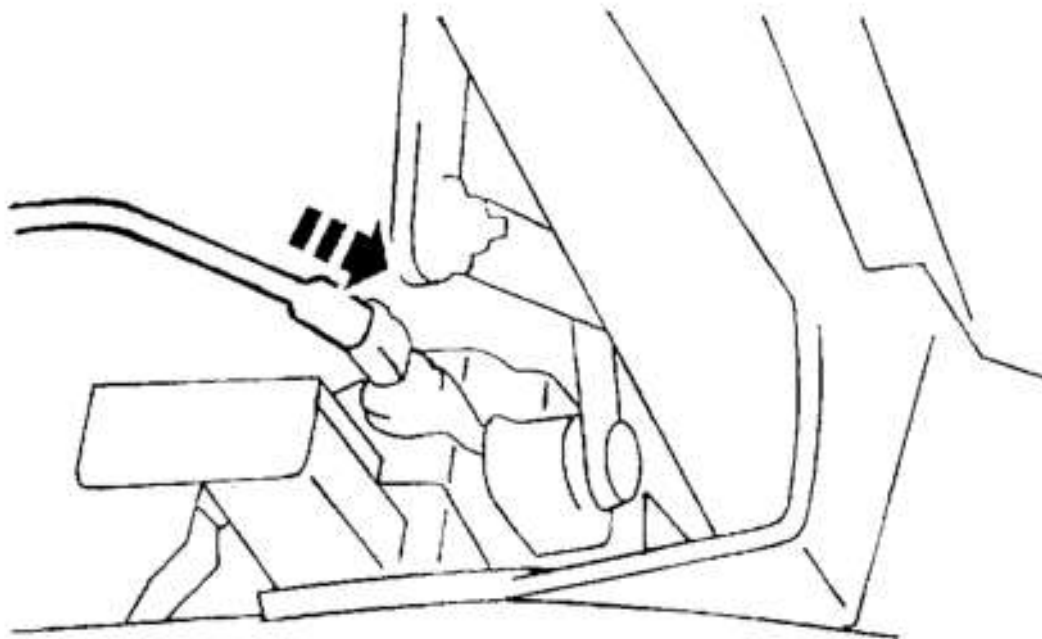
4. Connect the transfer case coil electrical connector, if equipped.



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**Fig. 137: Connecting Transfer Case Coil Electrical Connector**

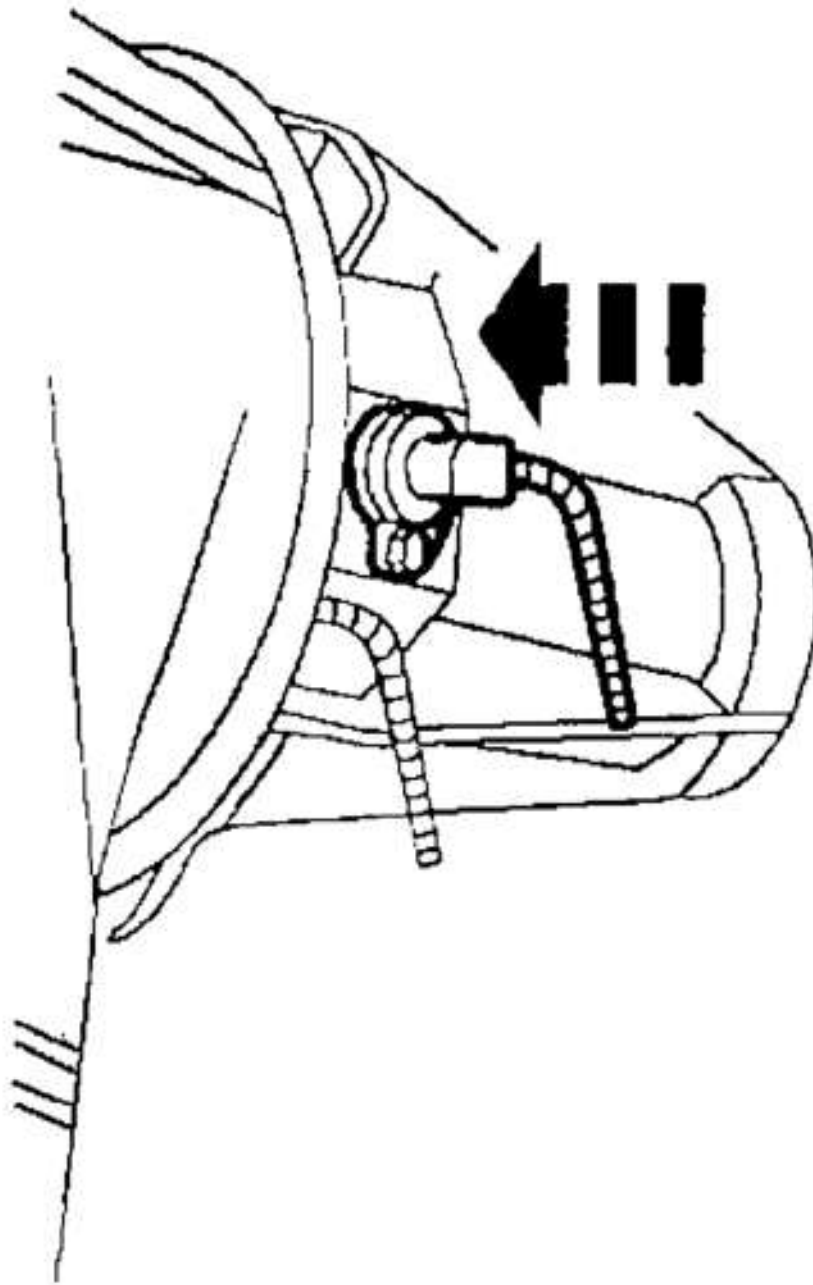
5. Connect the 4WD indicator switch electrical connector, if equipped.



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**Fig. 138: Connecting 4WD Indicator Switch Electrical Connector**

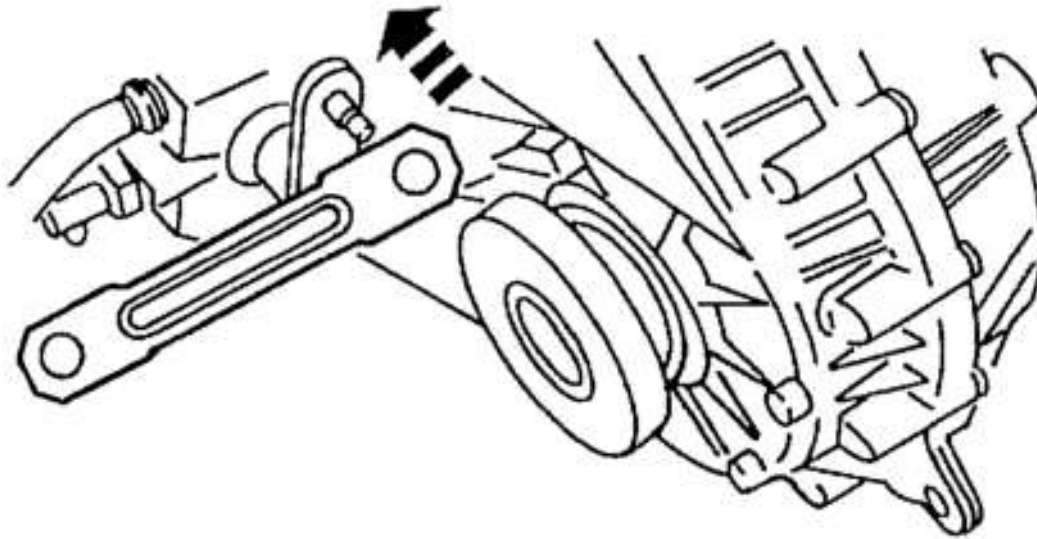
6. Connect the output shaft speed sensor (OSS) electrical connector, if equipped.



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**Fig. 139: Connecting OSS Electrical Connector**

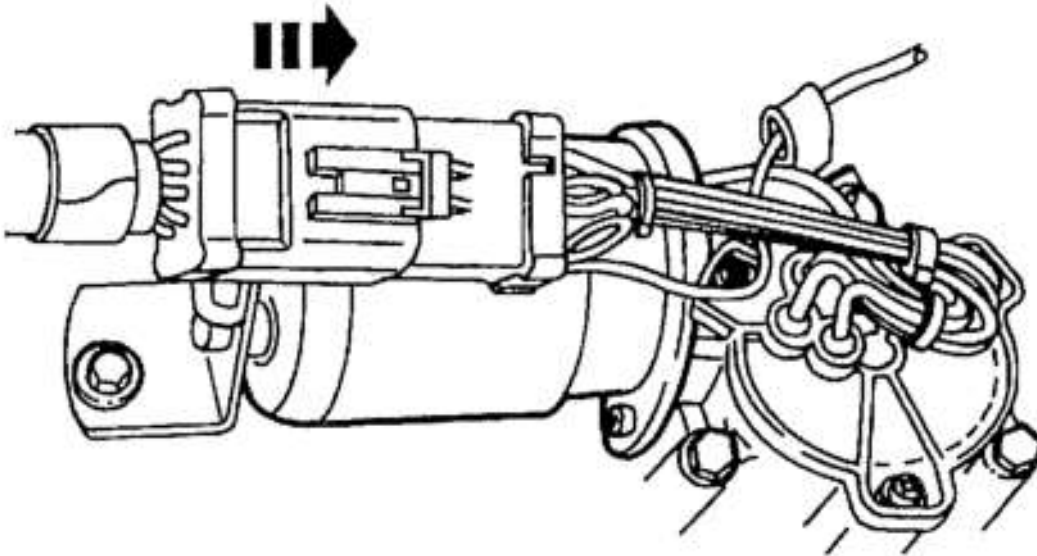
7. On manual shift transfer case, use the Shift Linkage Remover/Replacer to connect the shift rod.



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**Fig. 140: Connecting Shift Rod (manual Shift Transfer Case)**

8. Connect the electric shift motor electrical connector, if equipped.

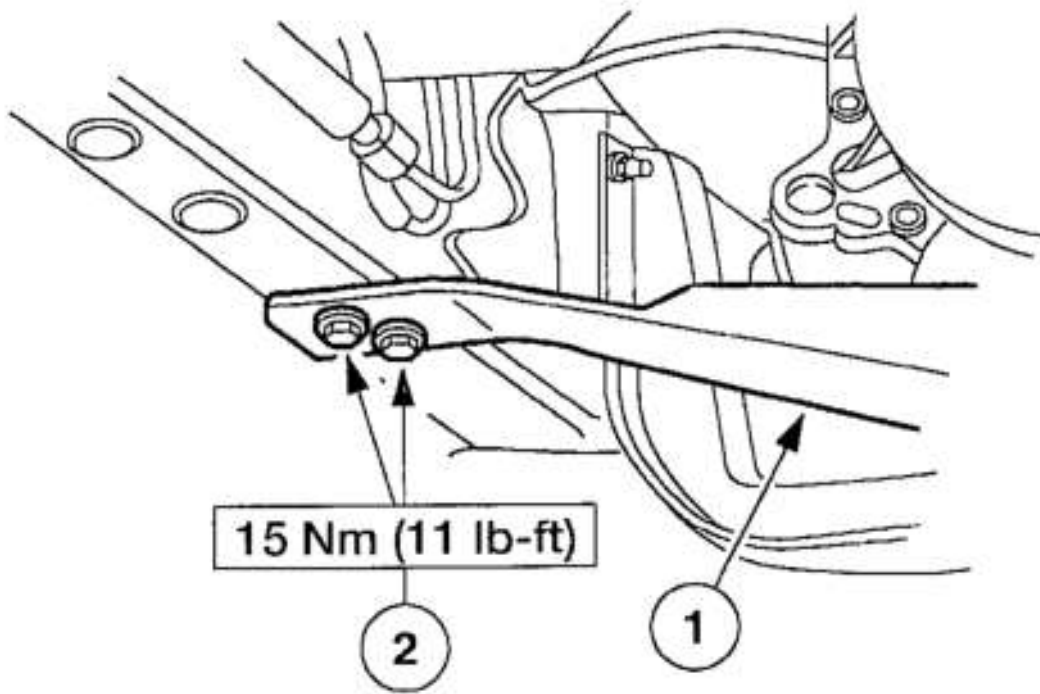


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**Fig. 141: Connecting Electric Shift Motor Electrical Connector**

9. Install the transfer case skid plate.

1. Position the transfer case skid plate.
2. Install the four transfer case skid plate bolts (two each side).

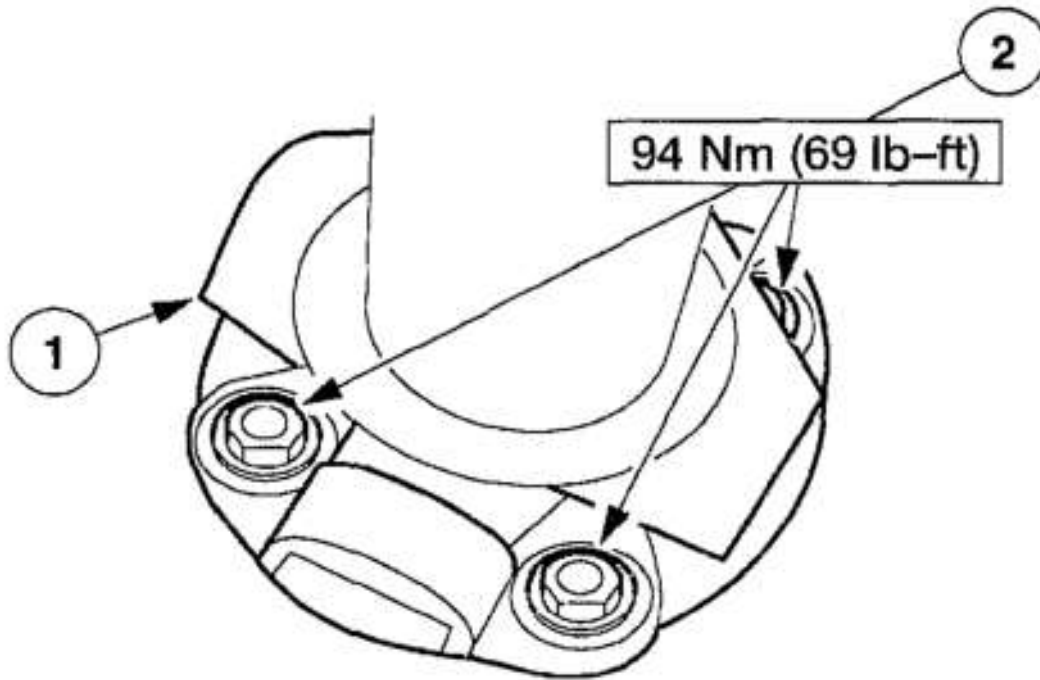


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**Fig. 142: Installing Transfer Case Skid Plate**

10. Install the torsion bars and rear torsion bar support. For additional information, refer to **TORSION BARS**.

**NOTE:** To maintain initial driveshaft balance, align the front driveshaft yoke and axle flange so they can be installed in their original positions.

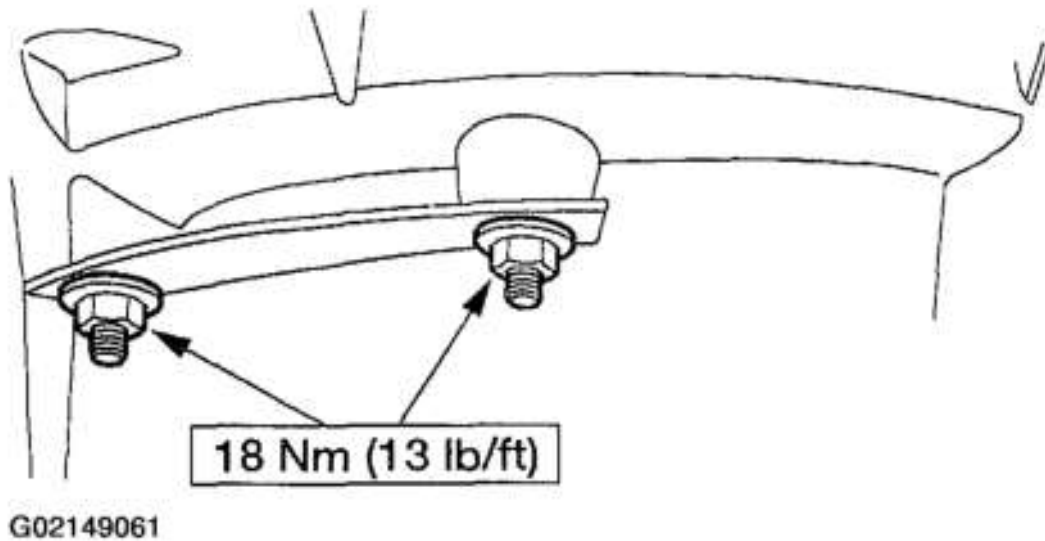


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**Fig. 143: Connecting Front Driveshaft**

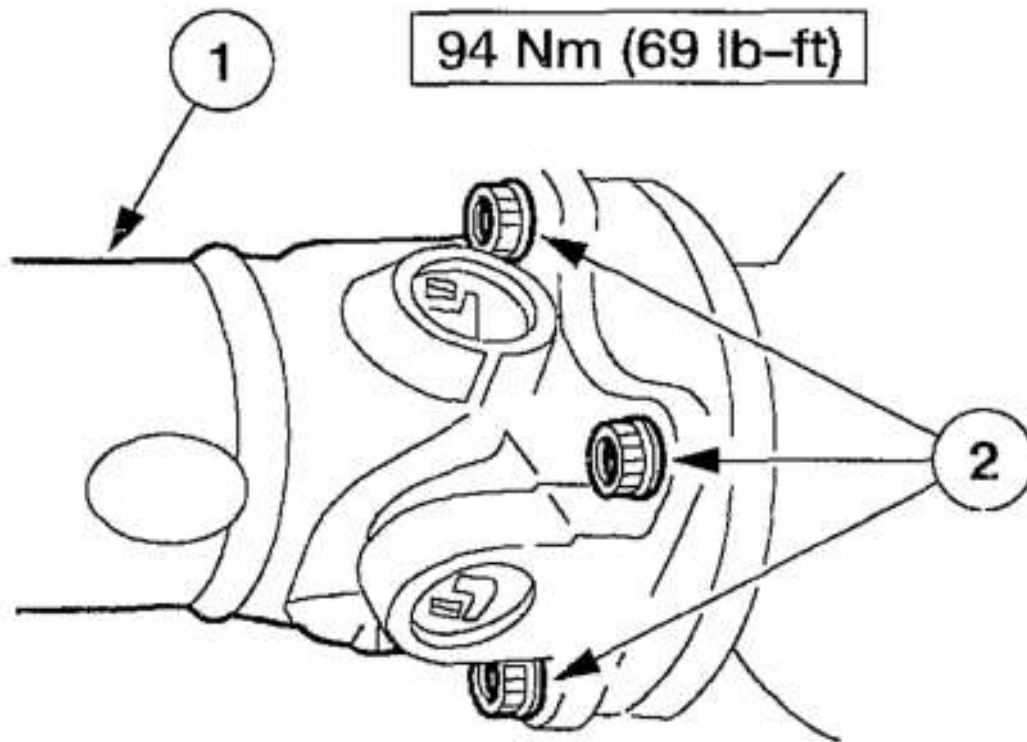
11. Connect the front driveshaft (4602).
  1. Position the front driveshaft.
  2. Install the four front driveshaft nuts.
12. Install the front driveshaft shield.





**Fig. 144: Installing Front Driveshaft Shield**

**NOTE:** To maintain initial driveshaft balance, mark the rear driveshaft yoke and axle flange so they can be installed in their original positions.

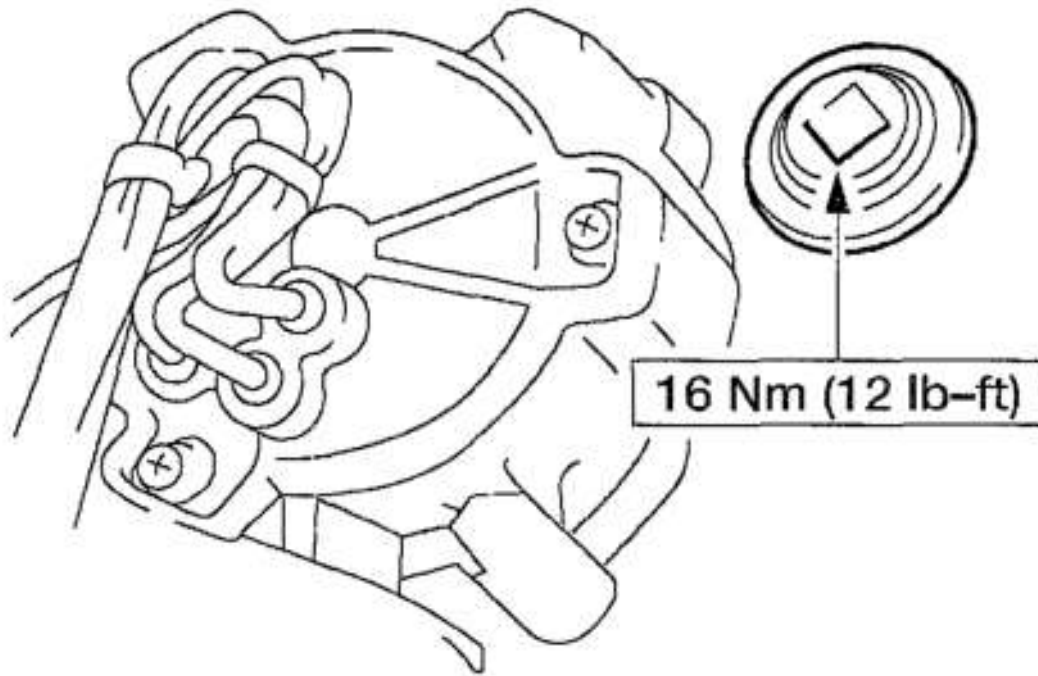


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**Fig. 145: Installing Rear Driveshaft**

13. Install the rear driveshaft.
  1. Position the rear driveshaft.
  2. Install the four rear driveshaft flange bolts.

**NOTE:**        **Make sure drain plug has been installed.**



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**Fig. 146: Filling Transfer Case**

14. If drained, fill the transfer case.
  - Use Motorcraft MERCON® Multi-Purpose Automatic Transmission Fluid XT-2-QDX or -DDX or equivalent MERCON® fluid.

**NOTE:**        **If equipped with air suspension, reactivate the system by turning on the air suspension switch.**

15. Lower the vehicle.