

Chapter 7 Part C Transfer case

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	Ft-lbs
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1 General information

Four-wheel drive models are equipped with a transfer case mounted on the rear of the transmission. Drive is passed from the engine through the transmission and the transfer case to the front and rear wheels by the driveshafts.

Because of the special tools and techniques required, disassembly and overhaul of the transfer case should be left to a dealer or properly equipped shop. You can, however, remove and install the transfer case yourself and save the expense, even if the repair work is done by a specialist.

2 Transfer case — removal and installation

Refer to illustration 2.4

Removal

- 1 Remove the transmission and transfer case from the vehicle as a unit, referring to Section 4, Part A or Section 6, Part B of this Chapter.
- 2 Carefully clean off the assembly and stand the transfer case/transmission in a vertical position, with the transfer case pointed up.
- 3 Remove the transfer case-to-transmission mounting bolts.
- 4 Pull the transfer case straight up and remove it from the transmission, taking care not to damage the control rod or drop the input sleeve (see illustration).

Installation

- 5 Carefully clean the contact surfaces of the transmission and transfer case, making sure that all traces of sealer are removed. Apply a coat of sealer to the transmission contact surface. Apply sealant to the threads of the retaining bolts.
- 6 Place the input sleeve in position on the transmission.
- 7 Carefully lower the transfer case onto the transmission and connect the control lever.
- 8 Install the retaining bolts. Tighten the bolts to the specified torque.

2.4 After removing the bolts, lift the transfer case off the transmission — be careful not to drop the input sleeve (arrow)

