

REMOVAL AND INSTALLATION (Continued)

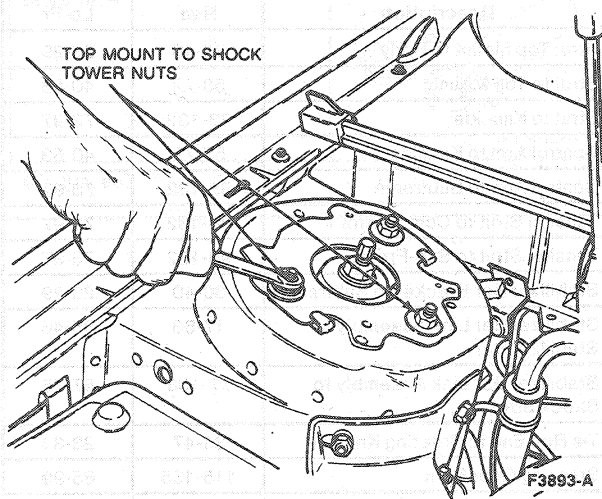
19. Lower vehicle and tighten hub nut to 230-275 N-m (170-202 lb-ft).
20. Depress brake pedal several times prior to moving vehicle.

Steering Knuckle**Tools Required:**

- Tie Rod End Remover Adapter T81P-3504-W
- Heavy Duty Riveter D80L-23200-A

Removal

1. Turn ignition to OFF position to place steering column in unlocked position.
2. Remove hub nut as outlined.
3. Raise vehicle on a hoist. Refer to Section 00-02.
4. Remove tire and wheel assembly. Refer to Section 00-02.
5. Remove cotter pin from the tie rod end stud and remove slotted nut. Discard cotter pin and nut.
6. Using Tie Rod End Remover TOOL-3290-D and Tie Rod End Remover Adapter T81P-3504-W or equivalent, remove tie rod end from knuckle.
7. Remove stabilizer bar link assembly from strut.
8. Remove brake caliper and wire in such a manner as to obtain working space. Remove brake rotor. Refer to Section 06-03.
9. Loosen, but do not remove, three top retaining nuts (top mount-to-shock tower).

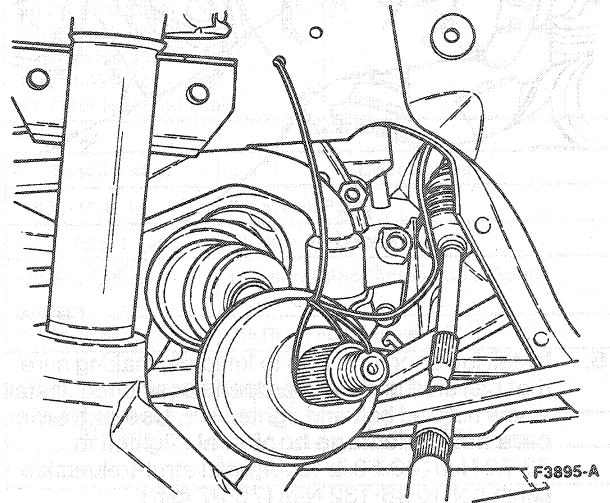


NOTE: Ensure steering column is in unlocked position, and do not use a hammer to separate ball joint from knuckle. Use extreme care not to damage boot seal.

10. Remove and discard lower arm-to-steering knuckle pinch bolt and nut. (A drift punch may be used to remove bolt.) Using a screwdriver, slightly spread knuckle-to-lower arm pinch joint and remove lower arm from steering knuckle.

CAUTION: Do not allow the halfshaft to move outboard. Over-extension of the tripod CV joint could result in separation of internal parts, causing failure of the joint.

11. Remove shock absorber strut-to-steering knuckle pinch bolt. Using a large screwdriver, slightly spread knuckle-to-strut pinch joint.
12. Press halfshaft from hub as outlined. Wire halfshaft to body to maintain a level position.



13. Remove rotor splash shield, if so equipped, from knuckle. Refer to Section 06-03.
14. Remove steering knuckle and hub assembly from the shock absorber strut.
15. Place assembly on a bench and remove the hub, retainer ring and bearing as outlined.

Installation

1. Install rotor splash shield using new rivets and Heavy Duty Riveter D80L-23200-A or equivalent. Refer to Section 06-03.
2. Install bearing, retainer ring and hub as outlined. Replace seal pressed on outboard CV joint, if required.
3. Install steering knuckle onto shock absorber strut and loosely install a new pinch bolt in knuckle to retain strut.