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Conversion Calculator

2003 Chrysler Truck Town & Country V6-3.8L VIN L

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Service and Repair

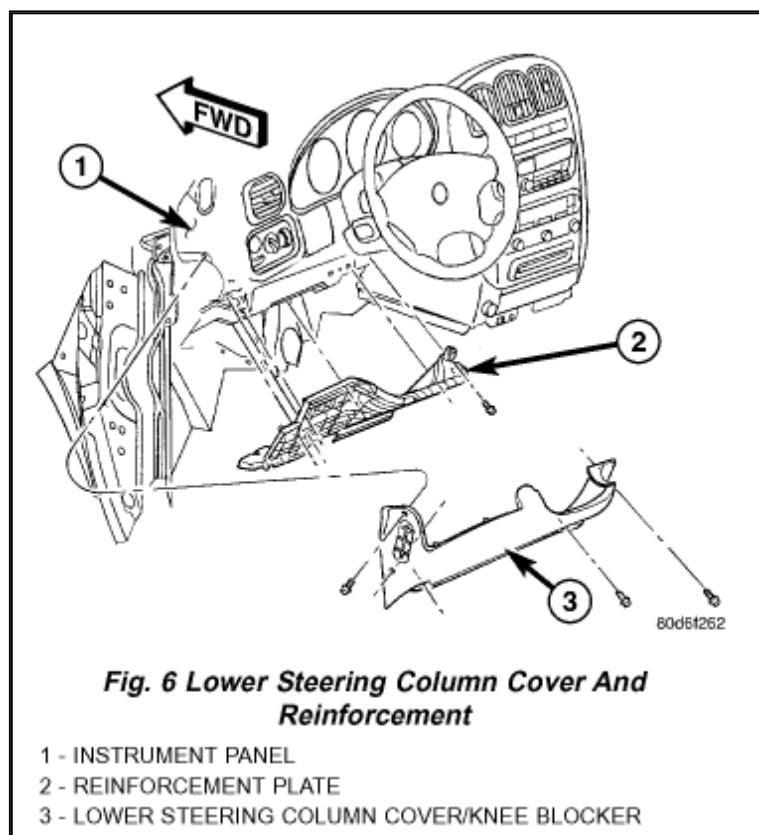
[Notes](#)

ADJUSTABLE PEDAL

REMOVAL

NOTE: Before proceeding, review all Steering Column and Airbag Warnings and Cautions.

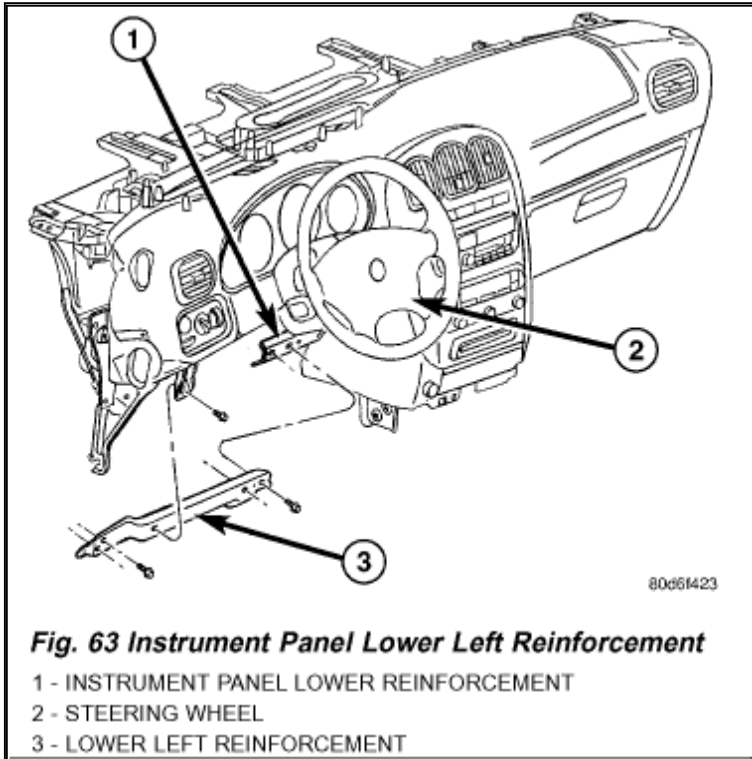
1. Remove battery ground cable terminal from battery negative post and isolate.
2. Under instrument panel, remove silencer panel below lower steering column cover.



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3. Remove screws securing lower steering column cover/knee blocker, then remove it.
4. Disconnect parking brake release link at release handle.
5. Compress tabs on sides of data link diagnostic connector and remove it from knee blocker reinforcement plate.
6. Remove screws securing knee blocker reinforcement plate in place, then remove reinforcement plate.

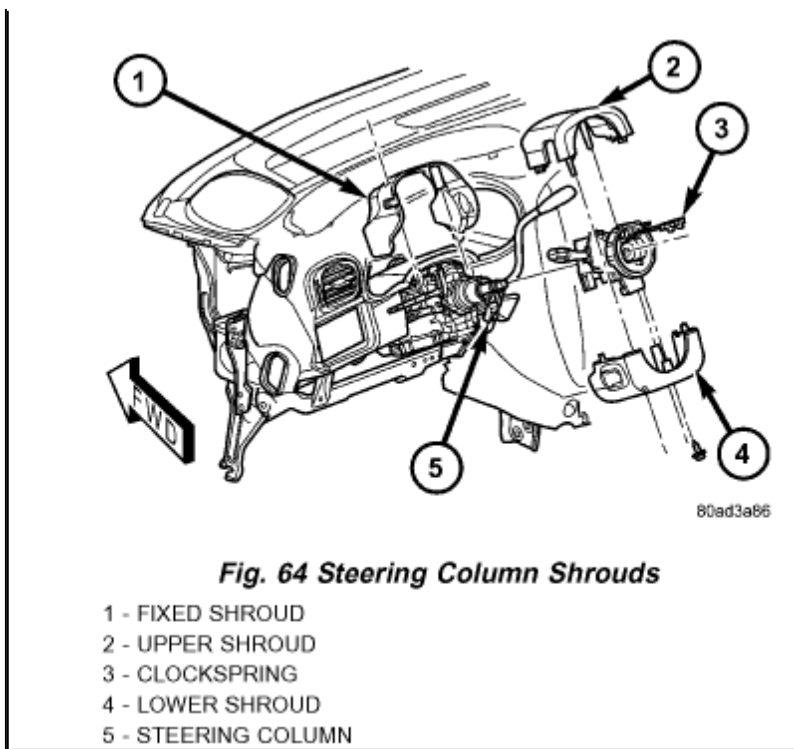


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7. Remove screws securing instrument panel lower left reinforcement in place, then remove reinforcement.
8. Remove brake lamp switch. Discard the original switch; it must not be reused

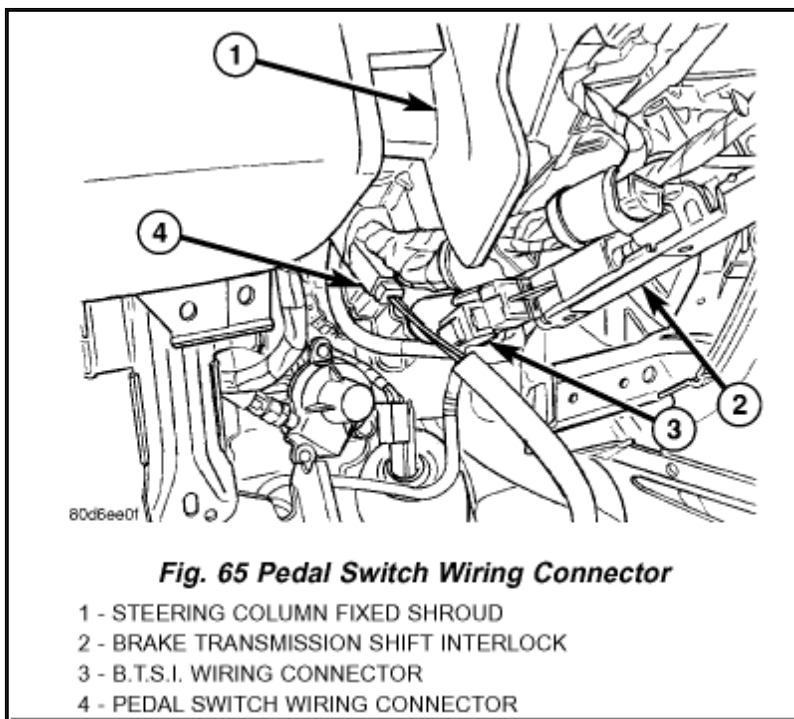




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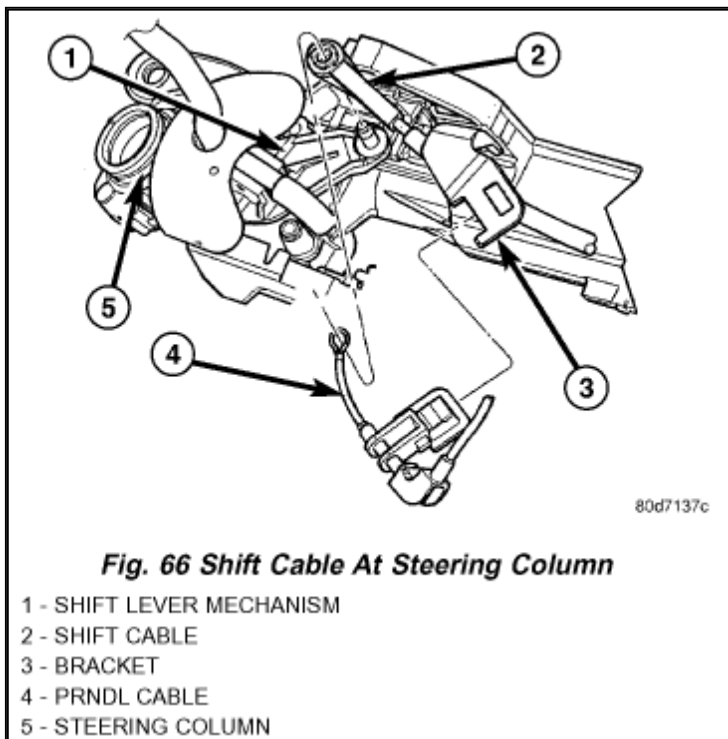
9. Remove screws fastening upper and lower steering column shrouds to steering column.



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10. Remove the lower shroud with adjustable pedal switch; disconnect switch wiring connector along left side of column as shroud is removed.
11. Disconnect traction control off switch wiring connector; Remove upper shroud with traction control off switch.
12. Disconnect wiring harness connectors (as equipped) from clockspring, multi-function switch, halo lamp, SKIM module, ignition switch and BTSI solenoid.
13. Disconnect column wiring harness routing clip from column.

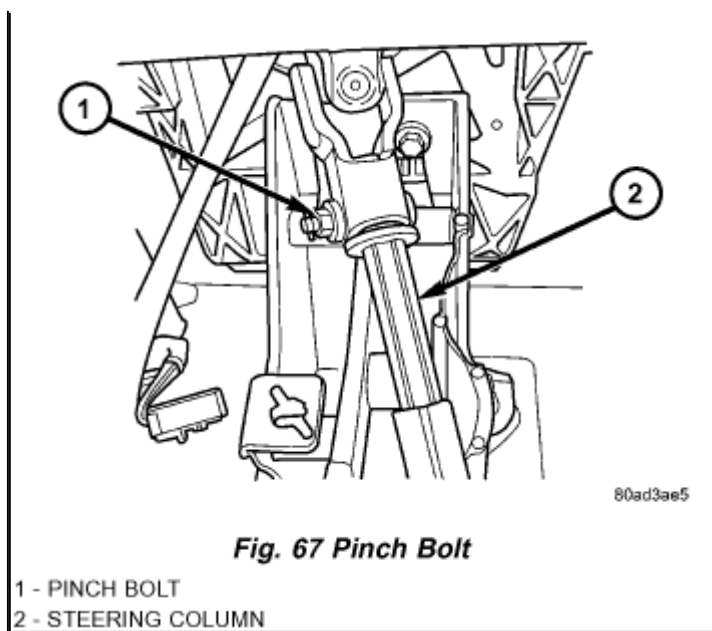


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14. Disconnect PRNDL cable from shift lever and column bracket.
15. Disconnect shift cable at shift lever mechanism pin.
16. Remove pinch side clip, then remove shift cable from bracket on column.
17. Turn the steering wheel from the Straight-Ahead position **180°** to the right (upside-down position), then remove the key and lock the column in place.

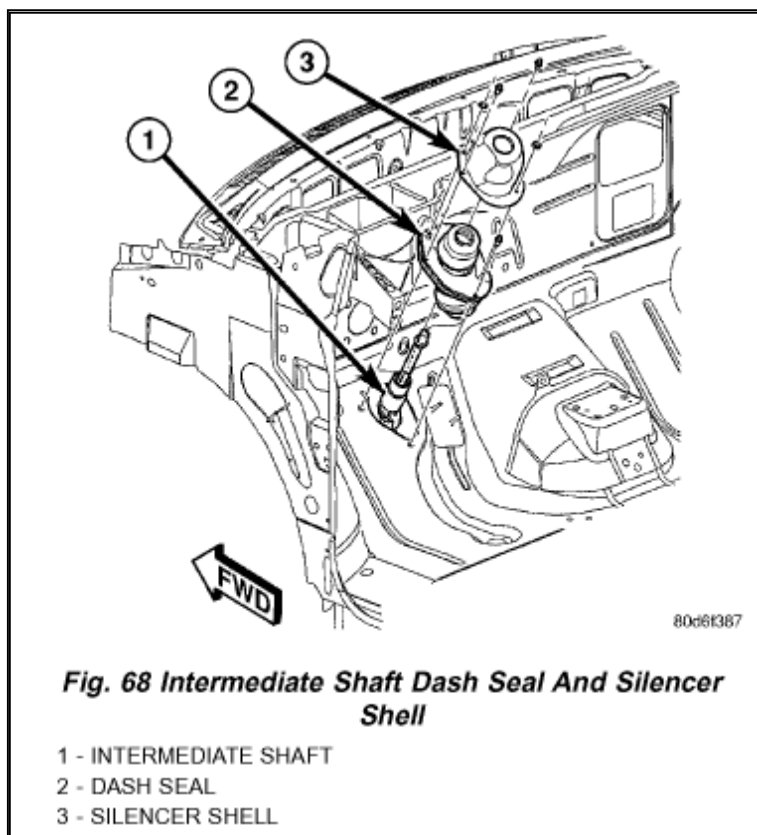




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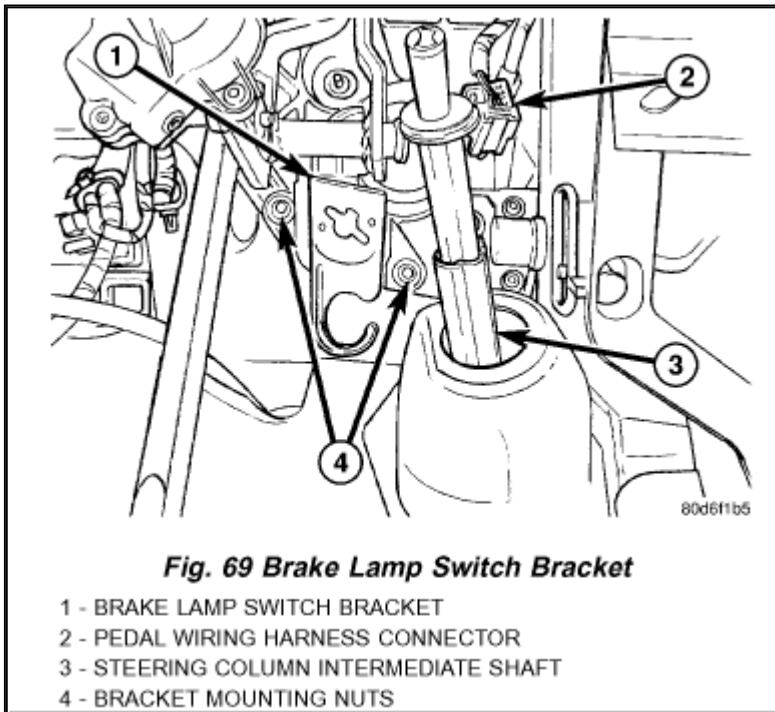
18. Remove the pinch bolt securing column coupling to intermediate shaft .
19. Loosen two lower column mounting nuts.
20. Remove two upper column mounting nuts.
21. Remove the steering column.



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22. Remove dash seal silencer shell over steering column Intermediate shaft.

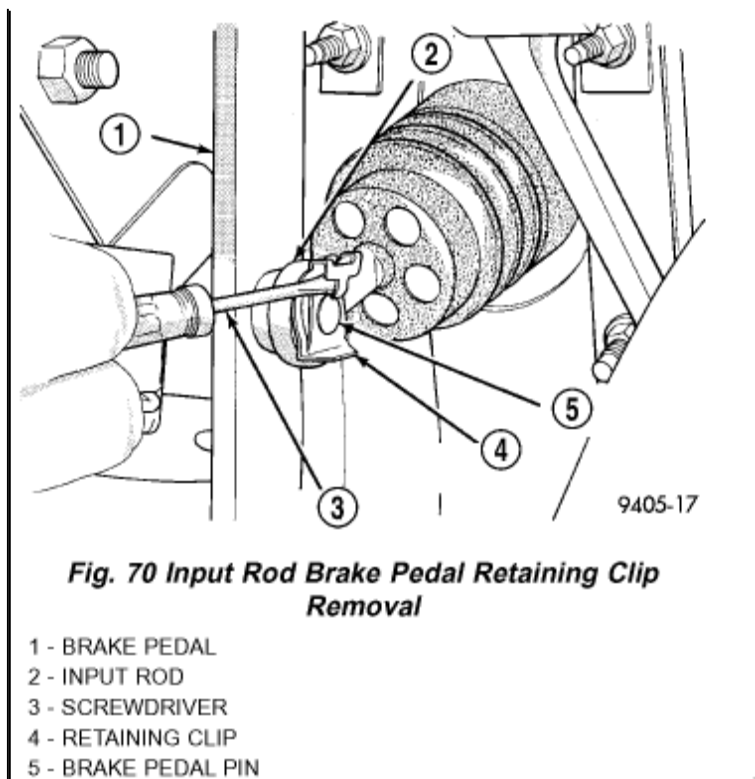


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23. Remove two nuts securing brake lamp switch bracket to pedal assembly. Remove bracket.
24. Disconnect pedal wiring harness connector.
25. Remove pedal wiring harness from clips along pedal bracket.



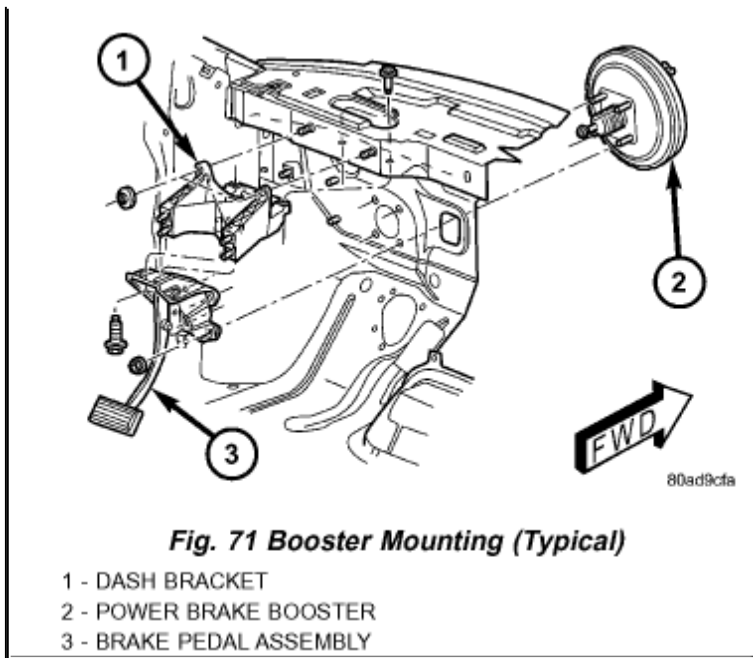


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26. Position a small screwdriver between the center tang on the power brake booster input rod to brake pedal pin retaining clip.
27. Rotate screwdriver enough to allow retaining clip center tang to pass over end of brake pedal pin. Then pull retaining clip off brake pedal pin. Discard retaining clip. It is not to be reused. Replace only with a new retaining clip when assembling.
28. Slide booster input rod off pedal pin.



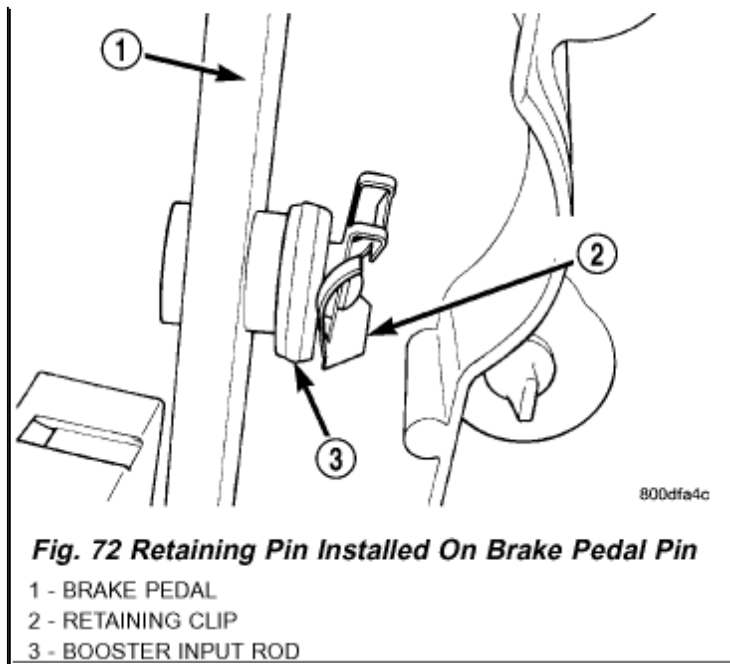


29. Remove the four nuts attaching power brake booster to dash panel.
30. Remove two brake pedal upper mounting bolts at instrument panel dash bracket.
31. Disconnect accelerator cable retainer at accelerator pedal; remove cable from pedal.
32. Remove adjustable brake pedal assembly.

INSTALLATION

1. Install adjustable brake pedal assembly under instrument panel.
2. Install two brake pedal upper mounting bolts at instrument panel dash bracket. Do not fully tighten at this time.
3. Install four nuts attaching power brake booster to dash panel.
4. Tighten four booster mounting nuts and two pedal bracket upper mounting bolts to **28 Nm (21 ft. lbs.)** torque.
5. Install accelerator cable to pedal; install cable retainer at accelerator pedal.





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6. Install booster input rod on brake pedal pin and install a NEW retaining clip.
7. Install wiring harness in clips along pedal bracket, then connect harness to pedal wiring harness connector.
8. Install brake lamp switch bracket on pedal assembly. Tighten mounting nuts to **6 Nm (50 in. lbs.)** torque.
9. Install dash seal silencer shell over steering column intermediate shaft and fasten in place.
10. Install the steering column on the mounting studs. Install the two upper and two lower mounting nuts. Tighten the upper, then lower mounting nuts to **12 Nm (105 in. lbs.)** torque.
11. Install the column shaft coupling onto the intermediate shaft and install the pinch bolt (steering column should still be locked position it was placed in during removal). Make sure the rounded side of the intermediate shaft is matched to the curvature of the coupling. Tighten the pinch bolt to **28 Nm (250 in. lbs.)**.
12. Attach shift cable housing to bracket on column.
13. Connect shift cable end to shift lever mechanism pin.
14. Connect PRNDL cable to end of shift lever mechanism pin and column bracket.
15. Connect column wiring harness connectors to SKIM (if equipped), BTSI solenoid, ignition switch, halo lamp, multi-function switch, and clockspring.
16. Install the upper shroud.
17. If equipped, connect traction control off switch wiring connector.
18. Install upper shroud (with traction control off switch if equipped).
19. Connect adjustable pedal switch wiring connector along left side of column.
20. Install the lower shroud with adjustable pedal switch. Install screws fastening steering column shrouds to steering column. **CAUTION:** Do not reuse the

original brake lamp switch. The switch can only be adjusted once. That is during initial installation of the switch. If the switch is not adjusted properly or has been removed for some service, a new switch must be installed and adjusted.

21. Install and adjust NEW brake lamp switch.
22. Install instrument panel lower left reinforcement.
23. Attach hood release to lower left reinforcement.
24. Install knee blocker reinforcement plate.
25. Connect parking brake release link to release handle.
26. Install data link diagnostic connector to mounting hole in reinforcement plate.
27. Install lower steering column cover/knee blocker.
28. Install silencer panel below lower steering column cover/knee blocker.
NOTE: When reconnecting the battery on a vehicle that has had the airbag module removed, the following procedure should be used.
29. Reconnect ground cable to negative post of battery in following manor:
 - a. Connect scan tool (DRB III) to data link diagnostic connector located below steering column.
 - b. Turn ignition key to ON position. Exit vehicle with scan tool leaving scan tool harness plugged in.
 - c. Ensuring that there are no occupants in vehicle, connect ground (-) cable to the negative post of the battery.
 - d. Using scan tool, read and record any airbag fault codes. Refer to Appropriate Diagnostic Information if any faults are found.
 - e. Through drivers open window, Reach around back of steering wheel (between steering wheel and instrument cluster) and turn ignition key to OFF, then back ON while observing instrument cluster airbag indicator lamp. It should go on for six to eight seconds, then go out. This action indicates that airbag system is functioning normally. If airbag indicator lamp fails to light, blinks on and off, or goes on and stays on, there is an airbag system malfunction. Refer to Appropriate Diagnostic Information to diagnose the system malfunction.
30. Using scan tool (DRB III), check for and clear any existing adjustable pedal fault codes. The adjustable pedal system is now activated.
31. Turn key to OFF and remove scan tool from vehicle.
32. Test operation of adjustable pedals, memory seats (if equipped), RKE (if equipped), and all functions that are steering column operated. If applicable, reset the radio and the clock.
33. Road test the vehicle to ensure proper operation of the steering and brake systems.