



3651 N Highway 89 • Chino Valley, AZ 86323
(928) 636-7080

CHEVY/GMC 1500HD P/U 3" BODY LIFT KIT INSTALLATION INSTRUCTIONS 2001-2002 KIT # 10063

MANUAL TRANSMISSION VEHICLES REQUIRE KIT 4701

⚠ WARNING

Installation of a Performance Automotive Group body lift kit will change the vehicle's center of gravity and handling characteristics both on- and off-road. You must drive the vehicle safely! Extreme care must be taken to prevent vehicle rollover or loss of control, which could result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers and always make sure all vehicle occupants have their seat belts fastened.

⚠ WARNING

Before you install this kit, read and understand all instructions, warnings, cautions, and notes in this instruction sheet and in the vehicle owner's manual.

⚠ CAUTION

Proper installation of this kit requires knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle. We strongly recommend that a certified mechanic familiar with the installation of similar components install this kit.

⚠ WARNING

DO NOT combine suspension, body, or other lift devices. Use of vehicle with combined lifts may result in unsafe and/or unexpected handling characteristics.

⚠ WARNING

This kit should only be installed on a vehicle that is in good working condition. Before you install the kit, thoroughly inspect the vehicle for corrosion or deformation of the sheet metal around the factory body mounts. If the vehicle is suspected to have been in a collision or misused, do not install this kit. Off-road use of your vehicle with this kit installed may increase the stress applied to the factory body mounts. We do not recommend that any vehicle with a body lift kit installed be involved in any extreme off-road maneuvers such as jumping. Failure to observe this warning may result in serious personal injury and/or severe damage to your vehicle.

⚠ WARNING

Many states and municipalities have laws restricting bumper heights and vehicle lifts. Consult state and local laws to determine if the changes you intend to make to the vehicle comply with the law.

⚠ WARNING

The installation of larger tires may reduce the effectiveness of the braking system.

⚠ WARNING

Always wear eye protection when operating power tools.

⚠ WARNING

Before you install this kit, block the vehicle tires to prevent the vehicle from rolling.

⚠ WARNING

Accidental deployment of the air bag can result in serious personal injury or death. To avoid accidental deployment during installation of the kit, the Supplemental Restraint System (SRS, or airbag) must remain deactivated. Do not allow anyone near the airbag during installation. Refer to the factory service manual or owner's manual for the recommended procedure to disable the SRS. After you install the kit, reactivate the SRS before driving the vehicle.

NOTE

Performance Automotive Group recommends using the Loctite® supplied in the kit on the threads of all kit nuts and bolts unless specified otherwise in these instructions.

A. Before you start.

△NOTE

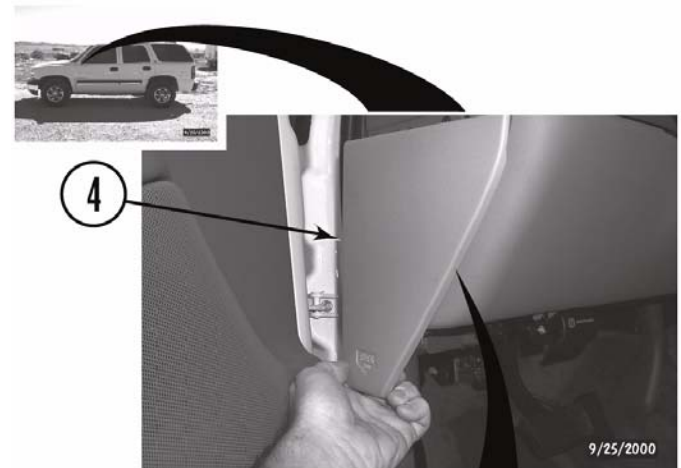
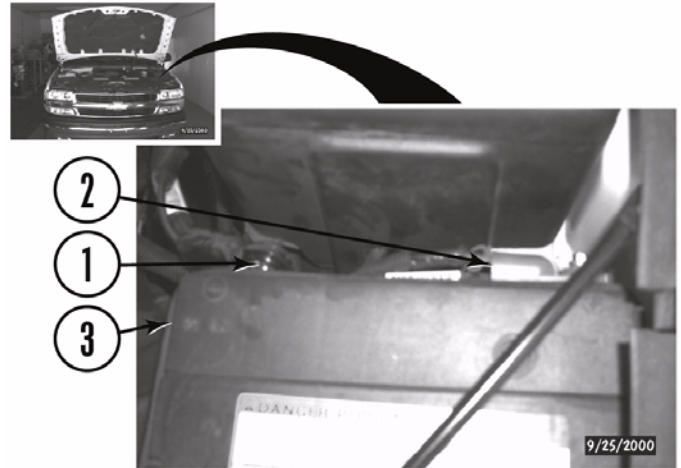
As you read through this procedure, note that each part referenced has the same callout number throughout. Also, the part number in the text matches the corresponding part number in the art. Kit parts are prefaced by the word *kit* in italics.

1. Read all warnings and instructions completely and carefully before you begin.
2. Check to make sure the kit is complete (refer to the Parts List, section E).

NOTE

If parts are missing from kit, please be prepared to provide the following information:

1. **Name** of purchase location
 2. **Bar Code** on side of box
 3. **Date** above bar code
 4. **Date** inside box cover
 5. **Inspector #** from inside box cover
3. Only install this kit on the vehicle for which it is intended. If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-0979.
 4. Park the vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
 5. Disconnect both battery cables. Disconnect the negative cable (1) first, then the positive cable (2) from the battery (3).
 6. Remove cover (4) and the airbag fuse (5) from the fuse panel (6). Fuse locations may vary. Check fuse chart on back of cover (4).



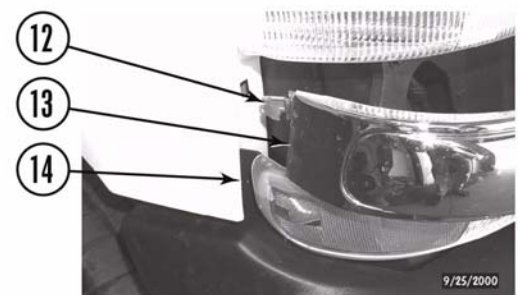
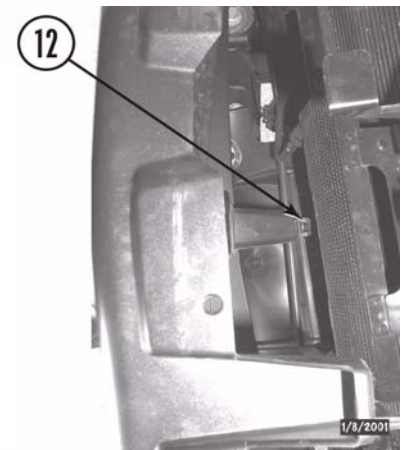
B. Get ready to install the kit.

1. Remove the grille.

a. Remove seven panel clips (7) and cover (8) from core support (9).

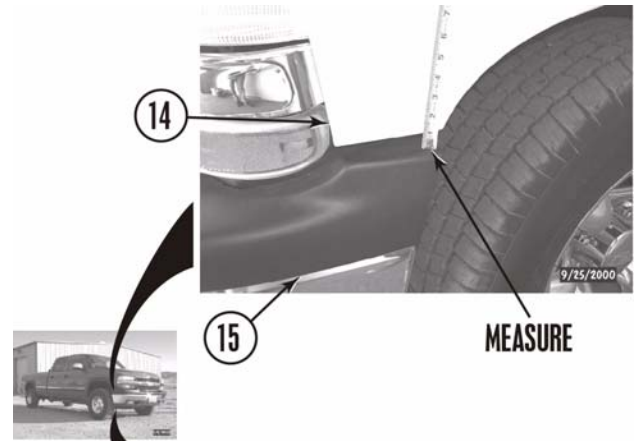


b. Remove bolt with captive washer (10), loosen four phillips head/dzeus fasteners (11), remove two clips (12) and grille (13) from core support (9) and front fenders (14).



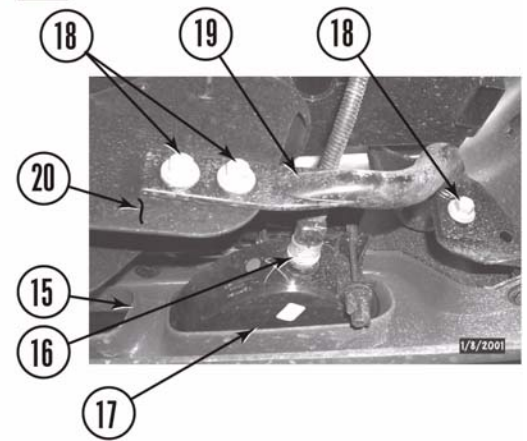
2. Remove the front bumper.

a. Measure distance between the front bumper (15) and front fenders (14). Record measurement.

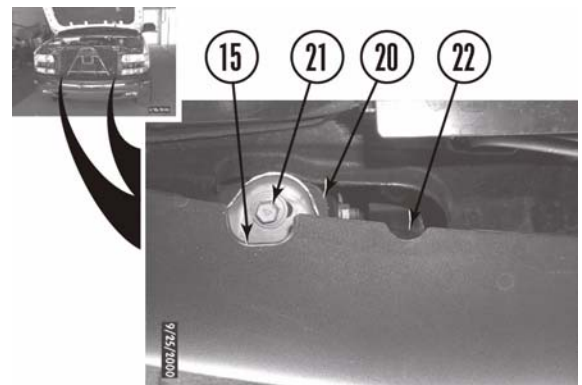


b. If so equipped, remove two connectors (16) from fog lamps (17).

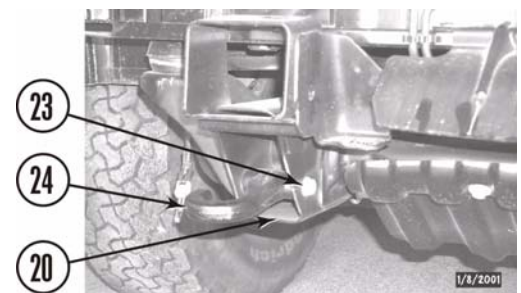
c. Remove six bolts (18) and two front side bumper brackets (19) from front bumper (15) and frame (20).



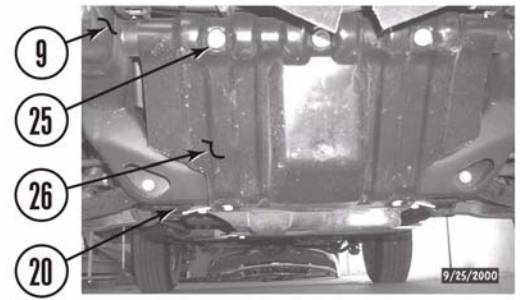
d. Remove four bolts (21 and 22) and front bumper (15) from frame (20).



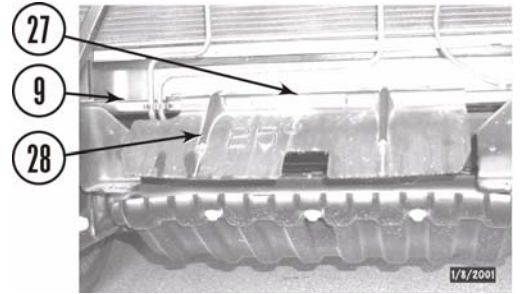
e. Remove six bolts with captive washers (23) and tow hooks (24) from the frame (20).



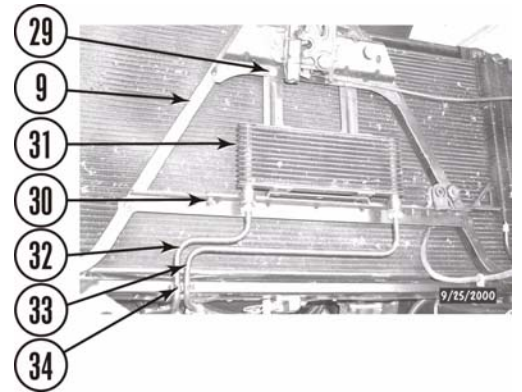
f. Remove five bolts with captive washers (25) and plastic cover (26) from core support (9) and frame (20).



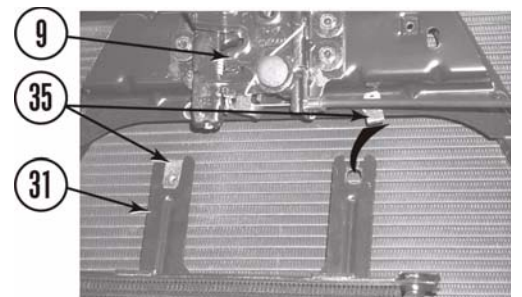
g. Remove three pop-ups (27) and air flap (28) from core support (9).



h. If so equipped, remove two bolts (29), two panel clips (30), and transmission cooler (31) from core support (9) A-frame. Remove two lines (32 and 33) from clip (34). Remove clip from core support.

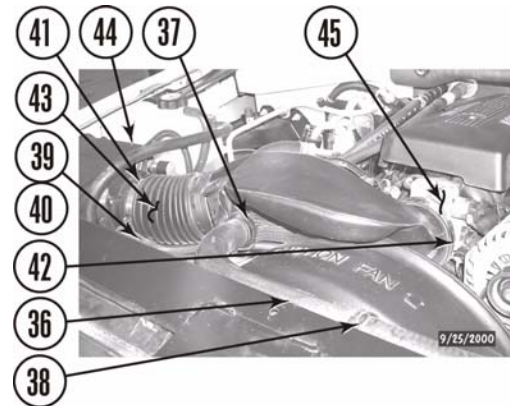


i. Remove two nut clips (35) from transmission cooler (31) and install in holes on core support (9) A-frame.

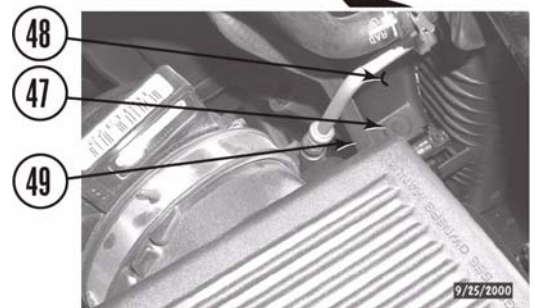
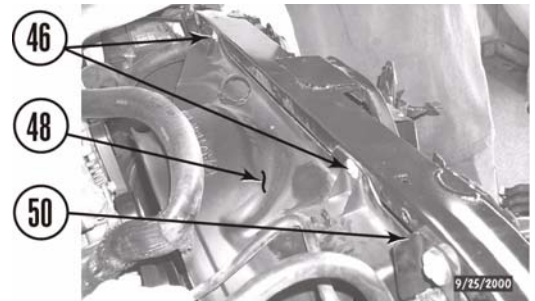


3. Under the hood.

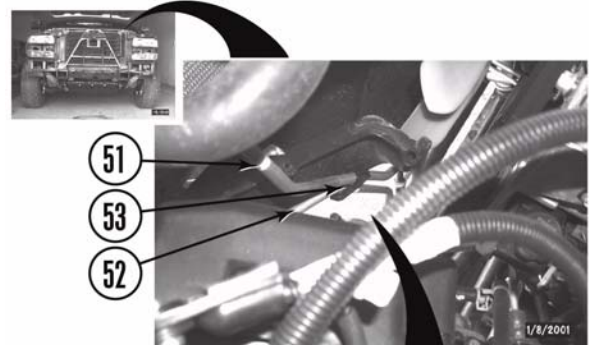
- a. Remove hose (36) from two clamps (37 and 38).
- b. Remove hose (39) from clamp (40).
- c. Loosen two clamps (41 and 42) and remove air duct (43) from air filter housing (44) and throttle body (45).



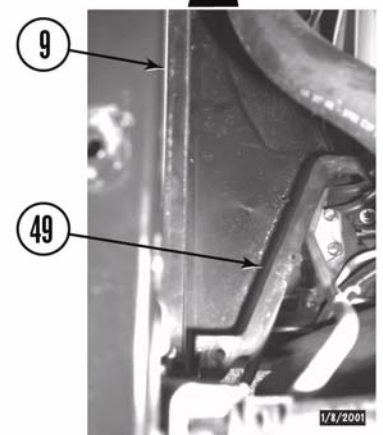
- d. Remove two bolts with captive washers (46), four pop-ups (47), and top fan shroud (48) from bottom fan shroud (49), radiator (50), and vehicle.



- e. Remove two lines (51 and 52) from clip (53). Remove clip from bottom fan shroud.



- f. Move lines (51 and 52) out of way and drop bottom fan shroud (49) below core support (9).
- g. Turn lower fan shroud (49) clockwise up over core support (9), around fan blades and remove lower fan shroud from top driver side engine compartment and vehicle.

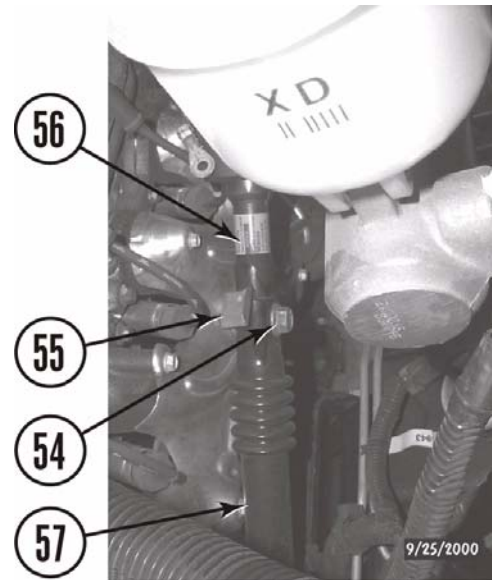


⚠ CAUTION

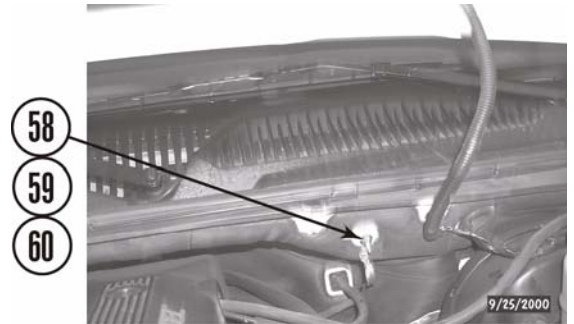
If the following step is not performed, the airbag clock-spring could be damaged. Do not turn the steering wheel while the steering shaft is disconnected.

h. Straighten steering wheel and strap the wheel so it will not turn.

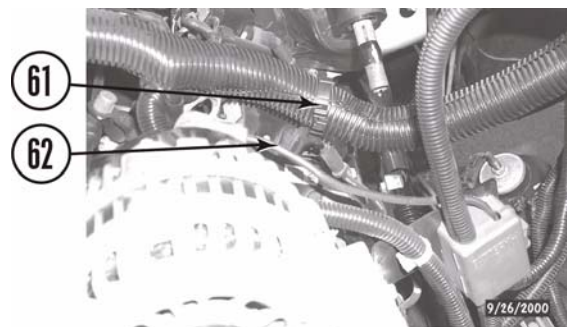
i. Remove bolt (54) and clip (55) and slide upper steering shaft (56) up to separate from lower shaft (57). Upper shaft may not separate from lower shaft until lift blocks are installed.



j. Remove nut (58) and ground strap (59) from stud (60).

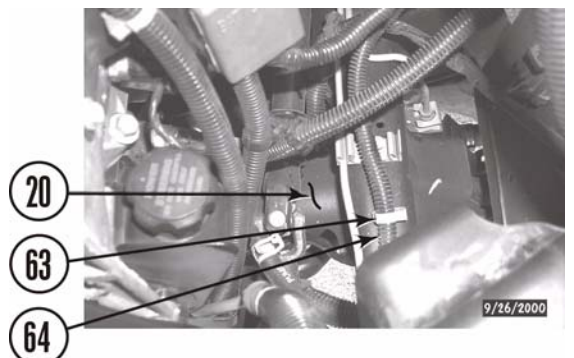


k. Remove clip (61) from bracket (62).

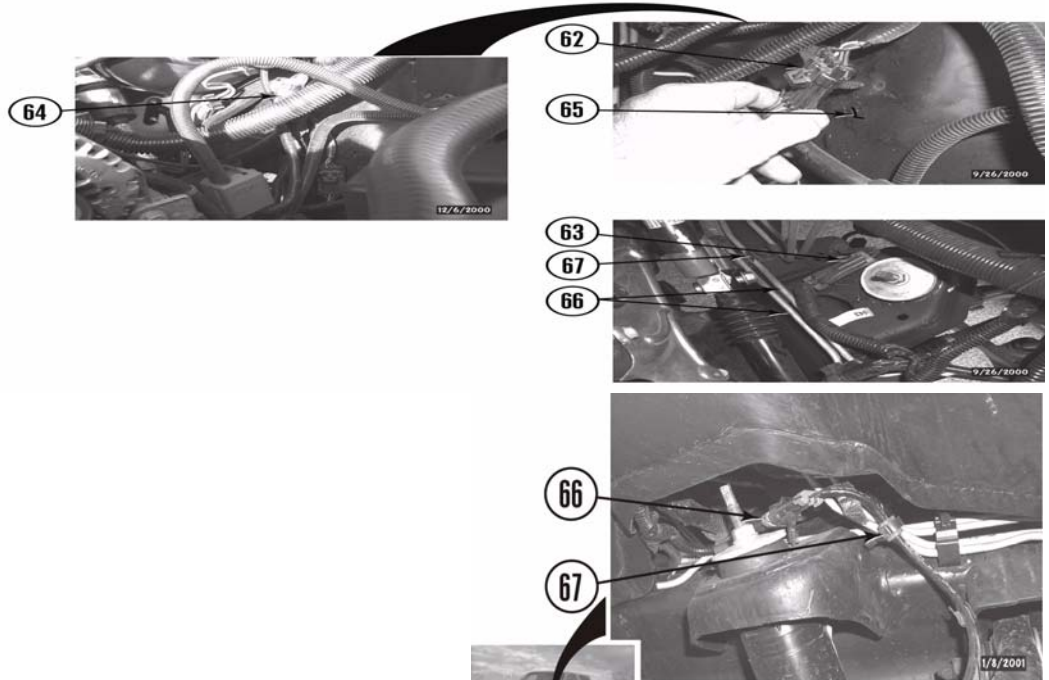


4. Along the frame rails.

a. Remove clip (63) and harness (64) from frame (20) driver side.



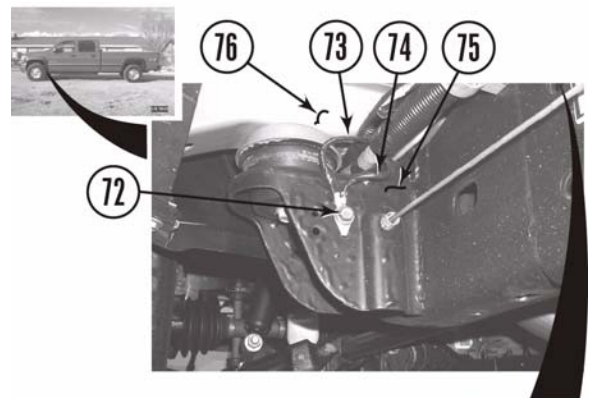
b. Remove four clips (65, 66, 67 and 68) from frame (21) driver side and wheel well (69).



c. Remove two brake lines (70) from pop-up clip (71).



d. Remove bolt (72) and two ground wires (73 and 74) from driver side frame mounting pad (75).

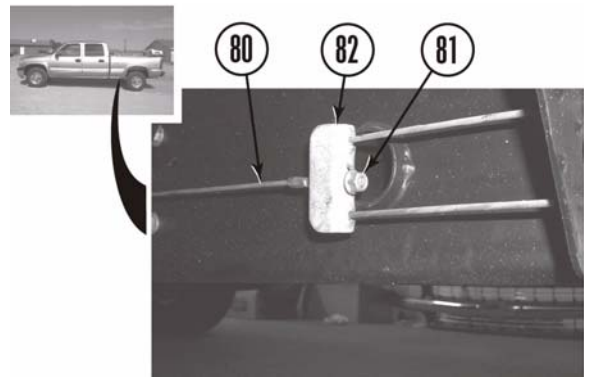


e. Remove (you may have to cut) clip (76) and remove harness (77) from driver side frame mounting pad (75).

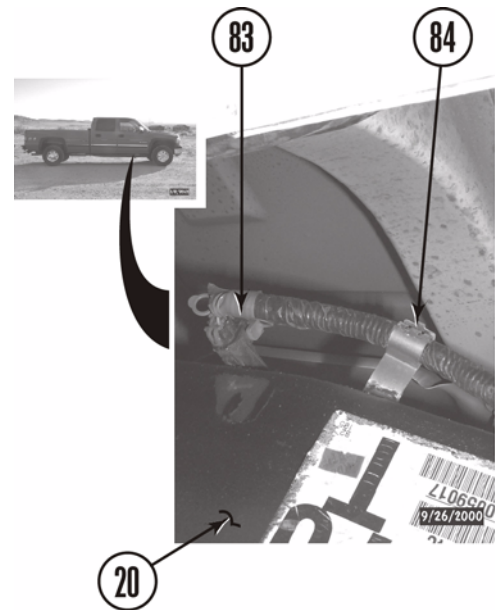
f. Remove two clips (78 and 79) and harness (77) from frame (20) driver side.



- g. Measure length of threads on parking brake cable (80) adjuster and remove nut (81) from adjuster and clevis (82).
- h. Pull parking brake cable (80) through two driver side frame mounting pads (75).

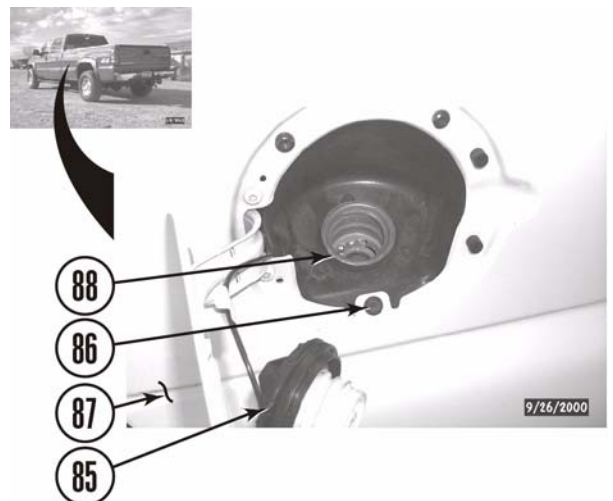


- i. Bend up two clips (83 and 84) on frame (20) passenger side.



⚠ WARNING
 Use extreme caution when working near the fuel lines and the fuel tank. Clean up spilled fuel immediately. A spark could cause an explosion or fire resulting in serious personal injury and property damage.

- 5. Remove the fuel filler.
 - a. Remove gas cap (85).
 - b. Remove three bolts (86) from bed (87) and fuel filler (88).



C. Install the kit.

1. Prepare to lift cab from frame.

⚠ NOTE

Depending on model year, some washers used with cab bolts may be captive washers and some may be standard washers. Standard washers are to be used during reassembly.

- a. Measure distance between the cab and the bed. Record measurement for later cab to bed alignment reference in these instructions.
- b. Hold two core support bolts (89) and loosen but do not remove two nuts with captive washers (90) from core support mounting pads (91).
- c. Loosen but do not remove six cab mounting bolts with captive washers (92).

⚠ WARNING

Use extreme caution when lifting body from frame. To prevent serious personal injury, ensure the lifting device is securely placed. Keep your hands out from between the body and frame.

⚠ CAUTION

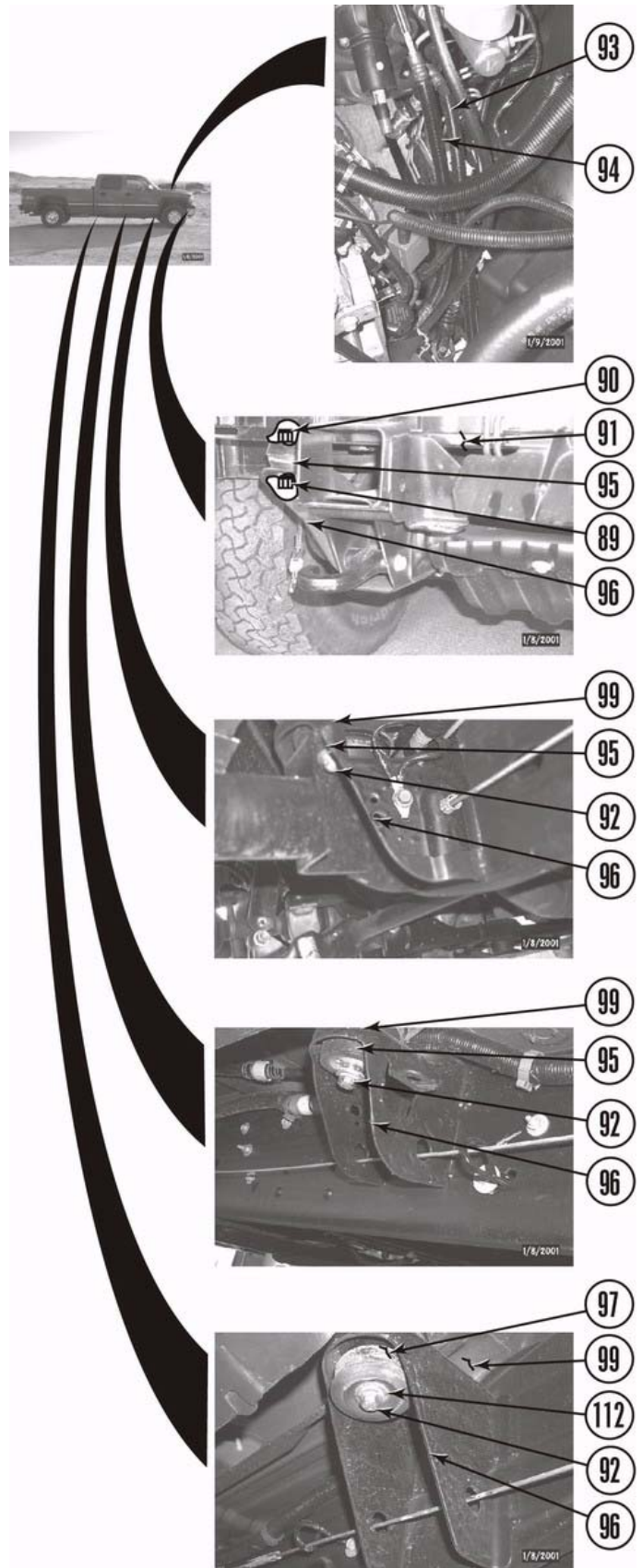
Continually check hoses, wires, lines, etc. to be sure that everything is flexing properly and not binding, or damage to the vehicle could result. Be especially careful of the a/c hoses at the fire wall, the belt pulley, and at the core support. Ensure brake lines stretch while lifting. Bending the lines to gain ample slack may be necessary. Be extremely careful not to kink the lines.

- d. While lifting, ensure two power steering lines (93 and 94) are not becoming too taut. If lines are too taut, carefully bend lines to gain some slack.

⚠ WARNING

The **kit blocks** must be installed in addition to the factory upper and lower bushings. Installing the **kit blocks** without the factory upper and lower bushings could result in damage to the vehicle or serious personal injury.

- e. Remove nut with captive washer (90), bottom bushing (95), and bolt with captive washer (89) from the passenger side core support mounting pad (91) and passenger side frame mounting pad (96).
- f. Remove three bolts with captive washers (92), bottom bushings (95 and 97), and two rear bushing washers (98) from the passenger side frame mounting pads (96) and cab mounting pads (99).



2. Lift cab and install cab passenger side spacer blocks.

a. Using a hydraulic jack and a wooden block, slowly lift the cab (100) passenger side just high enough to position a *kit* spacer block (101) between the metal cup (102) and the passenger side core support mounting pad (91).

b. Position three *kit* spacer blocks (101) on top of the passenger side frame mounting pads (96).

c. Install a *kit* 12mm x 1.75 x 180mm bolt (103) through *kit* 7/16" USS washer (104), frame mounting pad (96), top bushing (105), metal cup (102), *kit* spacer block (101), cab passenger side core support mounting pad (91), *kit* 1/2" thick washer (106), and stock nut (90). LEAVE THE BOTTOM BUSHINGS (95) OFF FOR NOW. Do not tighten.

d. Install three *kit* 12mm x 1.75 x 180mm bolts (103) through three *kit* 7/16" USS washers (104), frame mounting pads (96), top bushings (105), metal cups (102), *kit* spacer blocks (101), and cab mounting pads (99). LEAVE THE BOTTOM BUSHINGS (95 and 97) OFF FOR NOW. Do not tighten.

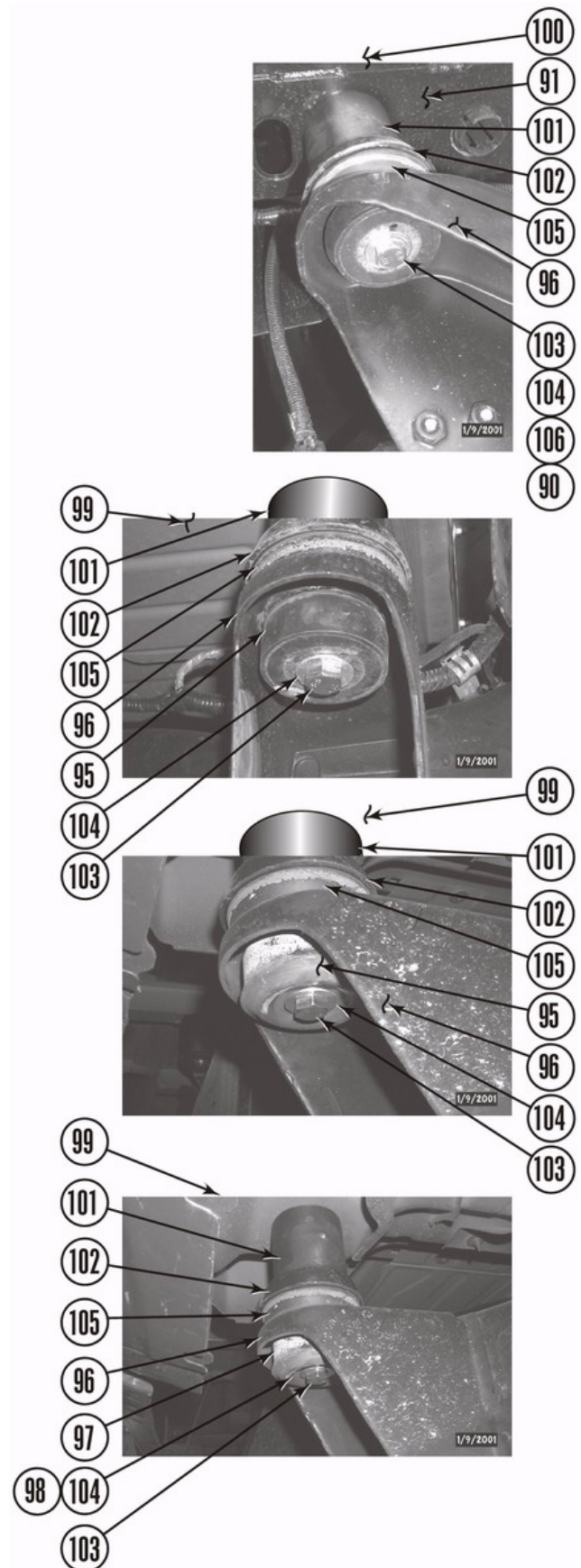
e. Lower cab (100) on the *kit* spacer blocks (101).

3. Install the cab driver's side spacer blocks.

a. Repeat steps C. 1. c. and d. and C. 2. a. through e. for the cab driver's side.

4. Finish the cab spacer block installation.

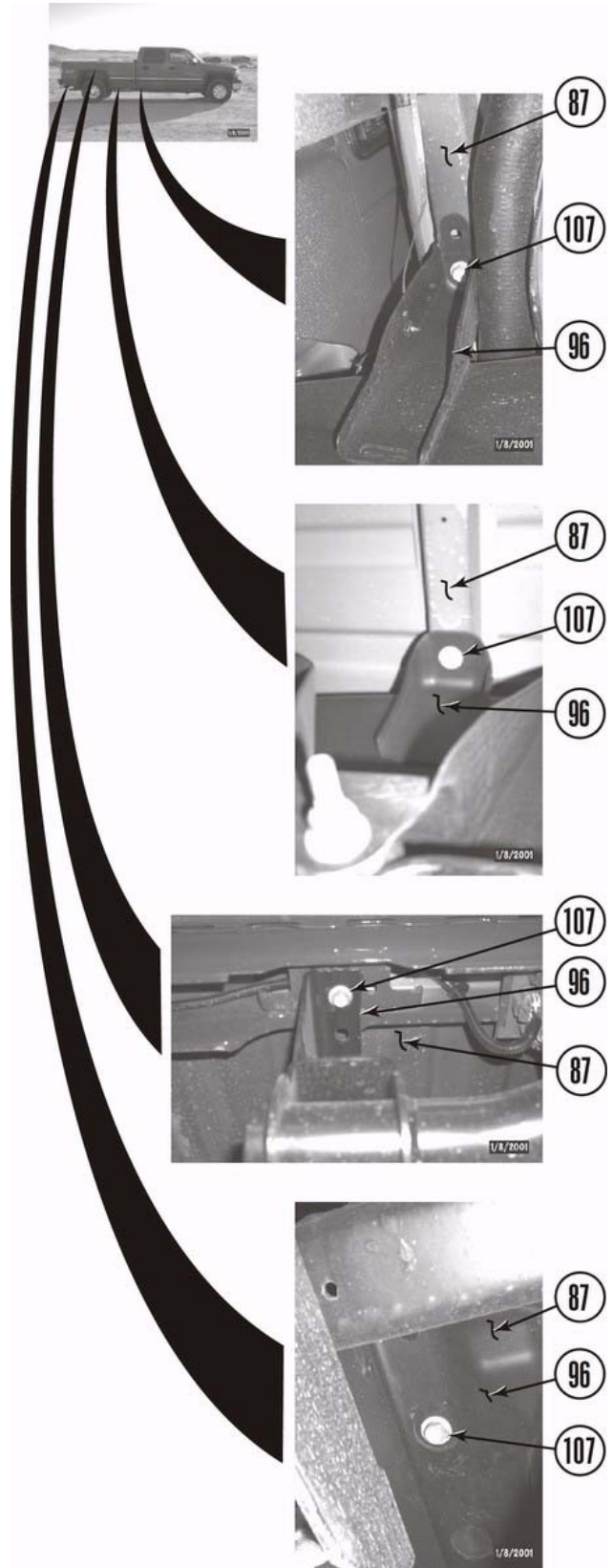
a. Remove eight bolts (103) one at a time, apply small amount of Loctite® onto threads, INSTALL THROUGH THE BOTTOM BUSHINGS (95 and 97) AND TWO REAR BUSHING WASHERS (98) NOW, and reinstall. Tighten to 55 lb-ft.



5. Install the bed passenger's side spacer blocks.

a. Loosen but do not remove eight bed mounting bolts with captive washers (107) from frame mounting pads (96) and the bed (87).

b. Remove four bed mounting bolts with captive washers (107) from frame mounting pads (96) and the bed (87) passenger's side.

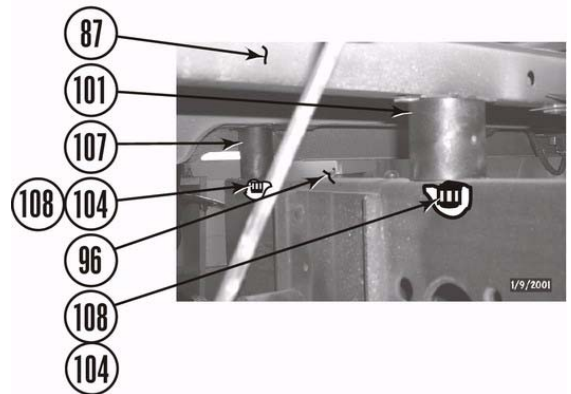
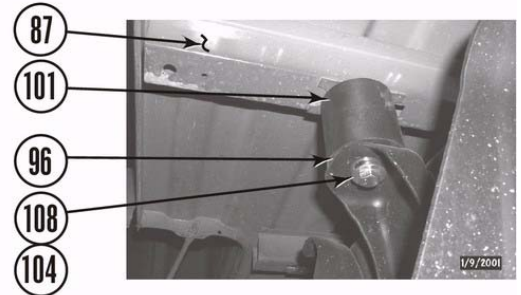
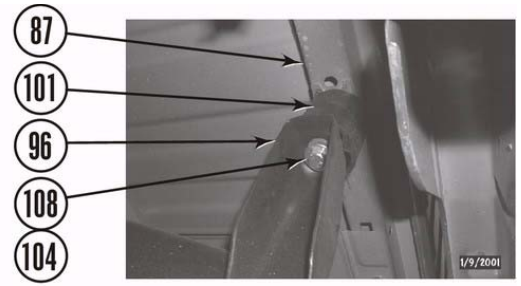


c. Using a hydraulic jack and a wooden block, slowly lift the bed (87) passenger's side just high enough to position four *kit* spacer blocks (101 and 107) on the frame mounting pads (96).

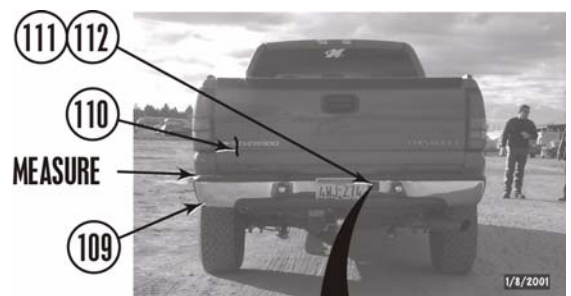
d. Install four *kit* 12mm x 1.25 x 100mm bolts (108) through four *kit* 7/16" USS washers (104), frame mounting pads (96), *kit* spacer blocks (101 and 107), and the bed (87). Do not tighten.

e. Lower the bed onto the spacer blocks (101 and 107).

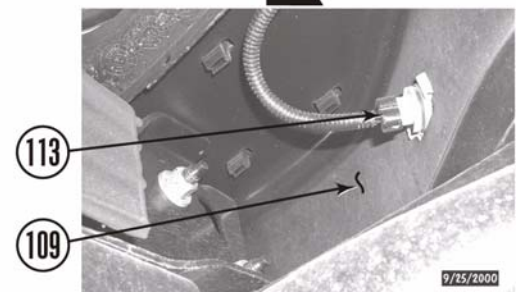
6. Install the bed driver's side spacer blocks.
 - a. Repeat steps C. 5 a. through e. for the bed driver's side.
7. Finish the bed spacer block installation.
 - a. Adjust the cab to bed clearance using the measurements from step C. 1. a.
 - b. Remove eight bed mounting bolts (108) one at a time, apply a small amount of Loctite® onto threads, and reinstall. Tighten to 55 lb-ft.



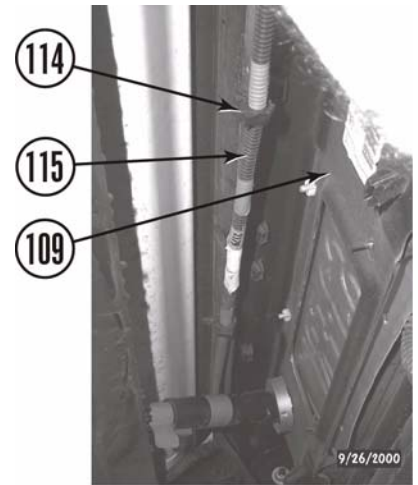
8. Remove the rear bumper.
 - a. Measure distance between rear bumper (109) and tailgate (110).
 - b. Remove lock (111) from spare tire winch tube (112).



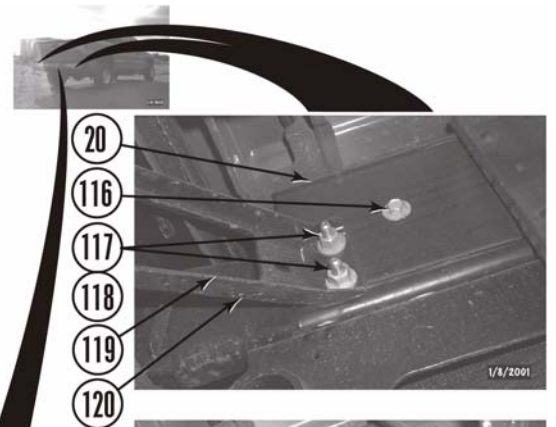
c. Disconnect two license plate lights (113) from rear bumper (109).



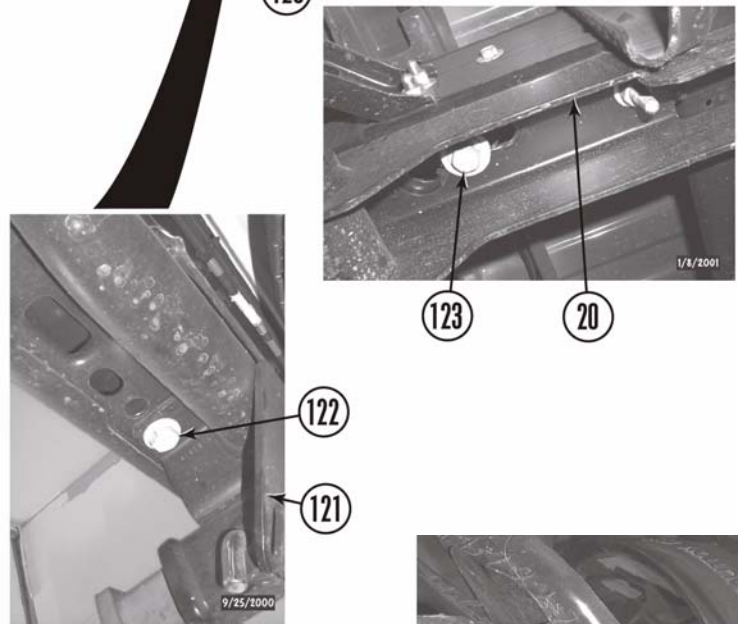
d. Remove three clips (114) and harness (115) from rear bumper (109).



e. Remove two bolts with captive washers (116), four nuts with captive washers (117), and two double stud fasteners (118) from two rear bumper brackets (119), two rear side bumper brackets (120), and frame (20).

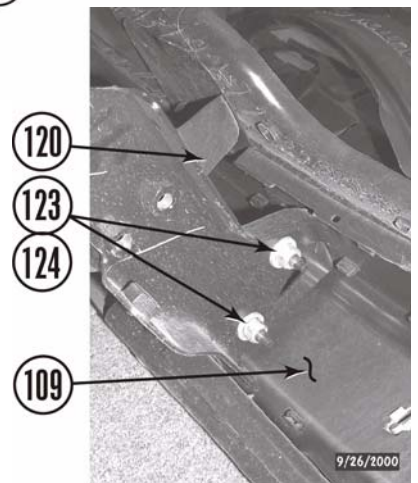


f. If equipped with a trailer hitch (121), remove four bolts (122 and 123) from hitch and frame (20).



g. Remove two rear bumper brackets (120) and rear bumper (109) from frame (20).

h. Remove four nuts with captive washers (123), four bolts with captive washers (124), and two rear bumper brackets (120) from rear bumper (109).

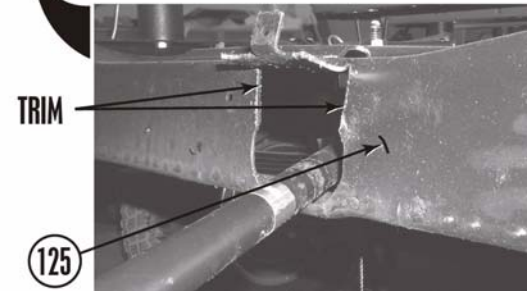


⚠ WARNING

The following procedure is intended only to enhance the appearance of the vehicle. The rear bumper will no longer be rated for towing of any kind. Towing with the rear bumper after it has been lifted can result in death, serious personal injury, or damage to the vehicle. Towing after the bumper has been lifted should be accomplished using a rated Class III receiver type hitch.

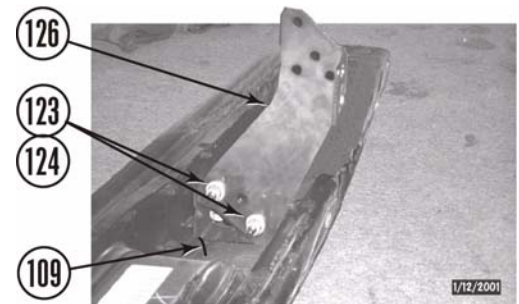
9. Install the rear bumper.

a. Trim spare tire carrier (125) as shown.

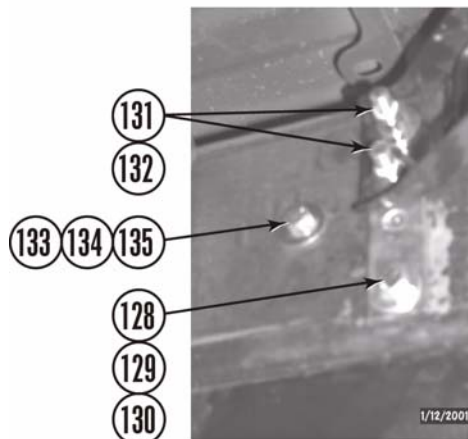
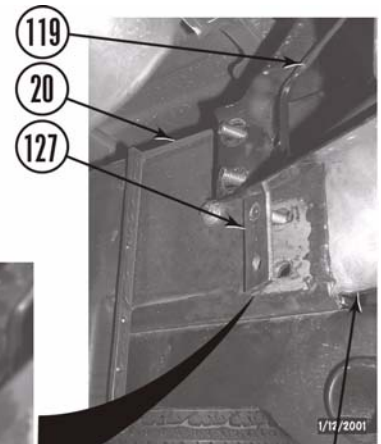


b. Coat threads of bolts (122, 124, 128, 133 and 140) and nuts (123, 130, 132, 135 and 137) with Loctite®.

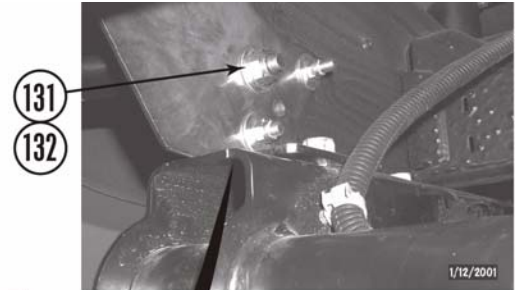
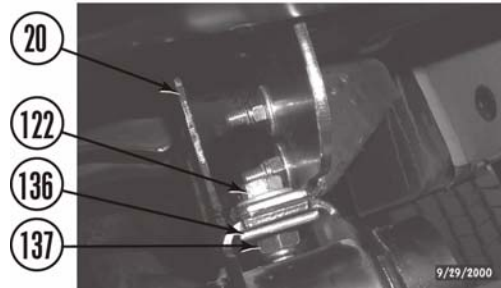
c. Install two *kit* rear bumper brackets (126) on rear bumper (109) with four bolts with captive washers (124) and nuts with captive washers (123). Do not tighten.



d. Position two *kit* rear bumper brackets (126), rear side bumper brackets (119), and *kit* 3-stud brackets (127) in frame (20) rails. Ensure spare tire winch tube (112) fits in original hole in rear bumper. Install two *kit* 7/16" x 1 1/2" bolts (128), four *kit* 7/16" USS washers (129), two *kit* 7/16" nylock nuts (130), six *kit* 1/2" USS washers (131), six *kit* 1/2" nylock nuts (132), two *kit* 3/8" x 1 1/2" bolts (133), four *kit* 3/8" USS washers (134), and two *kit* 3/8" nylock nuts (135). Do not tighten.

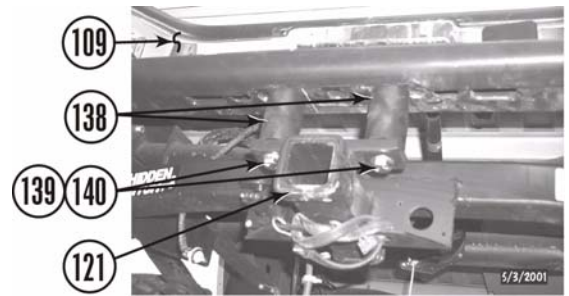


e. If equipped with a trailer hitch (121), install hitch on frame (20) with four bolts (122), two *kit* square washers (136), and two *kit* 14mm nylock nuts (137). Do not tighten.

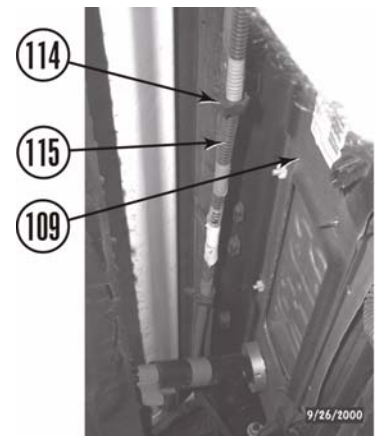


f. Install two *kit* drilled 2 x 3" spacer blocks (138) on rear bumper (109) and hitch (121) with two *kit* 14mm washers (139) and 14mm x 110mm bolts (140).

g. Adjust bumper to body clearance and tighten bolts (122, 124, 128, 133 and 140) and nuts (123, 130, 132, 135 and 137) to 55 lb-ft.

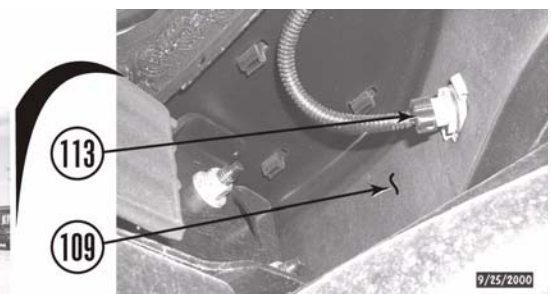


h. Install three clips (114) and harness (115) on rear bumper (109).



i. Connect two license plate lights (113) in rear bumper (109).

j. Install lock (111) in spare tire winch tube (112).



⚠ WARNING

Use extreme caution when working near the fuel lines and the fuel tank. Clean up spilled fuel immediately. A spark could cause an explosion or fire resulting in serious personal injury and property damage.

10. Install fuel filler.

a. Remove clamp (141) and filler hose (142) from gas tank (143). Leave ground wire (144) and vent hose (145) attached.

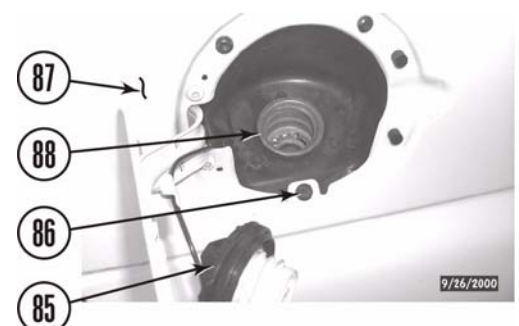
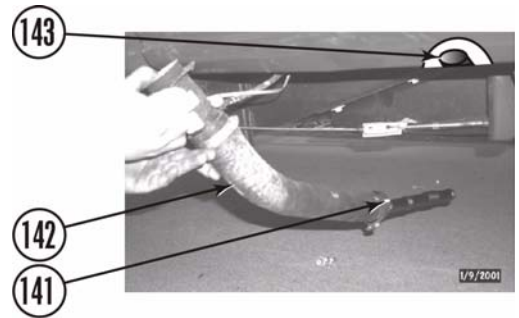
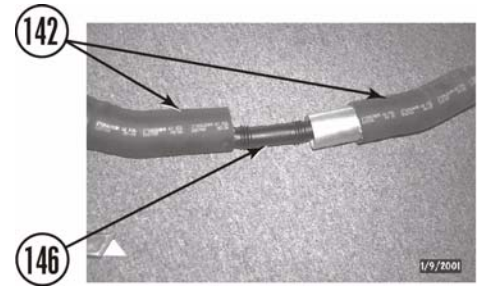
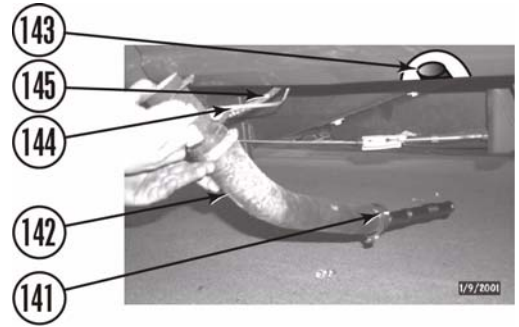
b. Carefully cut filler hose (142) in half where shown. ENSURE YOU DO NOT CUT THROUGH PLASTIC TUBE (146) INSIDE FILLER HOSE.

c. Install *kit* extension (147) on filler hose (142) with two *kit* #36 clamps (148).

d. Install filler hose (142) on gas tank (143) with clamp (141).

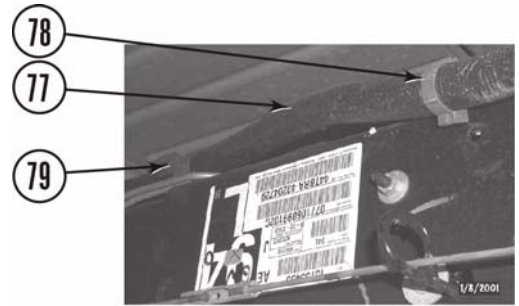
e. Install fuel filler (88) on the bed (87) with three bolts (86).

f. Install gas cap (85).

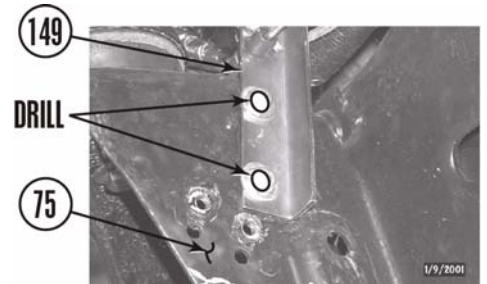


11. Along the frame rails.

a. If possible, install two clips (78 and 79) and harness (77) on frame (20) driver side.



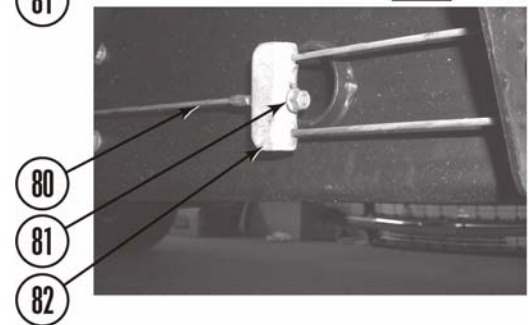
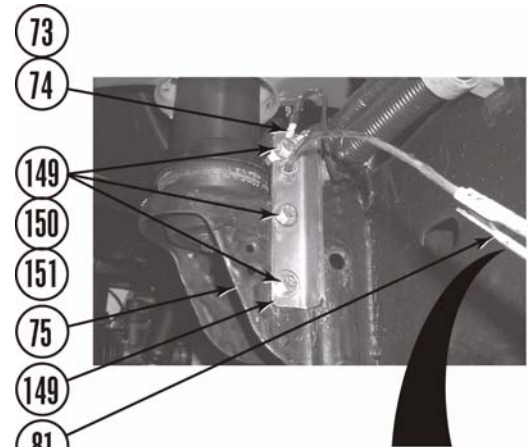
b. Using *kit* parking brake bracket (149) as a template, drill two 5/16" holes on frame driver side mounting pad (75) as shown.



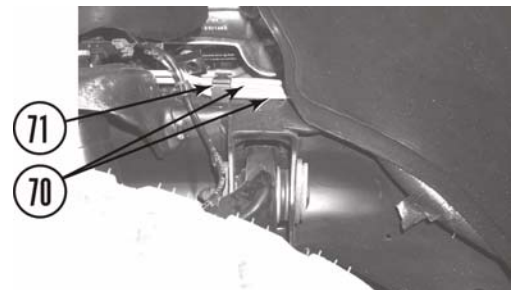
c. Route the parking brake cable (80) through the biggest hole in the *kit* parking brake bracket (149), two driver side frame mounting pads (75), and clevis (82). Install nut (81) on cable (80) adjuster. Adjust to measured length.

d. Install *kit* parking brake bracket (149) on frame driver side mounting pad (75) with two *kit* 5/16" x 1" bolts (149), four *kit* 5/16" USS washers (150), and two *kit* 5/16" nylock nuts (151).

e. Install two ground wires (73 and 74) on *kit* parking brake bracket (148) with *kit* 5/16" x 1" bolt (150), two *kit* 5/16" USS washers (151), and *kit* 5/16" nylock nut (152).

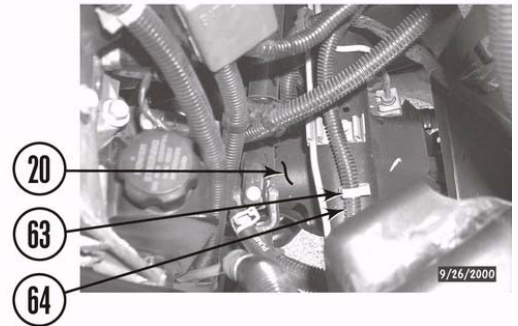
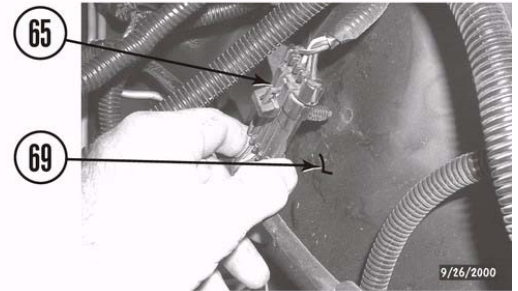
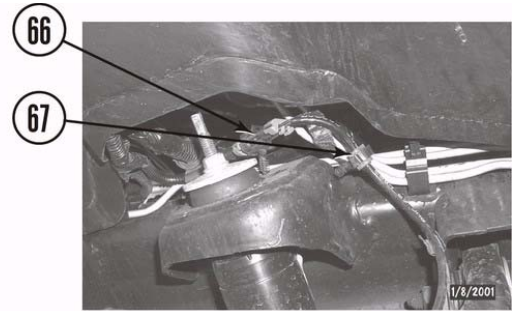
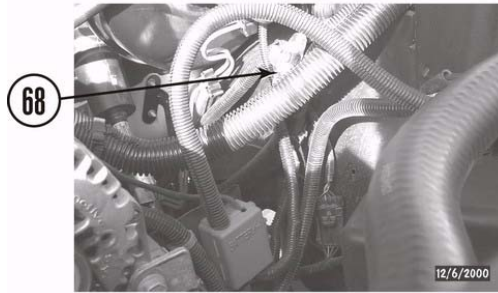


f. If possible, install two brake lines (70) in pop-up clip (71).

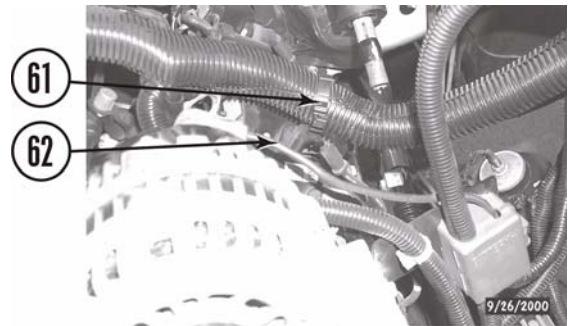


g. If possible, install four clips (65, 66, 67, and 68) in frame (21) driver side and wheel well (69).

h. If possible, install harness (64) and clip (63) in frame (20) driver side.



i. If possible, install clip (61) in bracket (62).

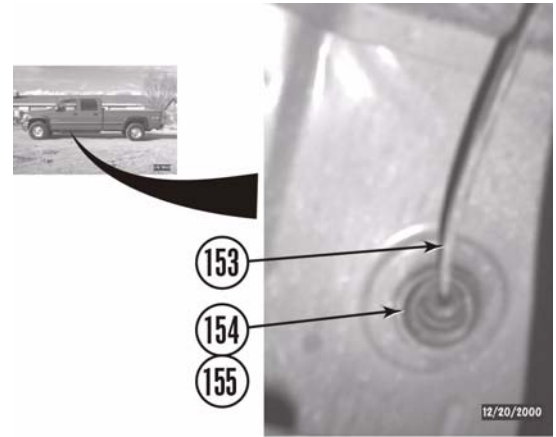


12. Under the cab.

⚠NOTE

Step 12. is for vehicles with automatic transmission only. Other models skip this step.

a. Ensure automatic transmission cable (153) has enough slack and is not pulling on boot (154) or binding. If cable is pulling or binding, remove cable from clip (155).

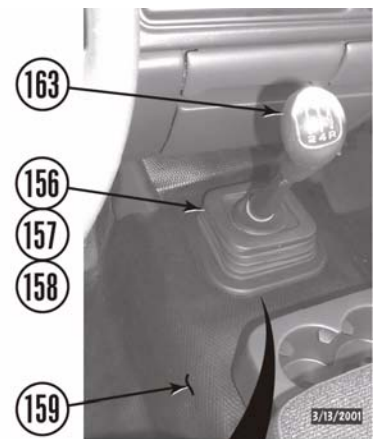


⚠NOTE

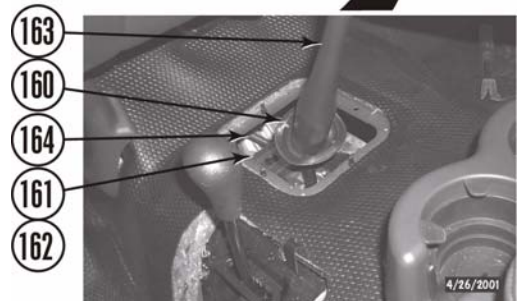
Step 13. is for vehicles with manual transmission only. Other models skip this step.

13. Lengthen and install transmission shift lever.

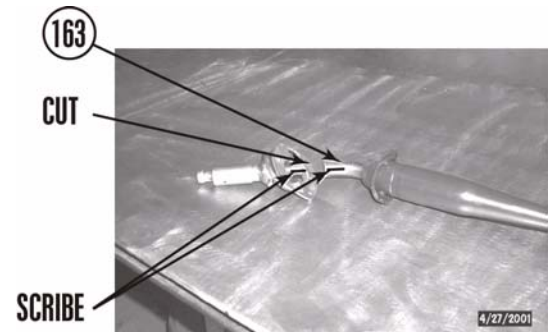
a. Remove four screws (156), four pop-ups (157), and shift boot (158) from floorboard (159). Pop-ups may need to be cut.



b. Peel back rubber cover (160) and remove four screws (161), spring plate (162), and transmission shift lever (163) from transmission (164). Remove shift boot (158) from transmission shift lever.



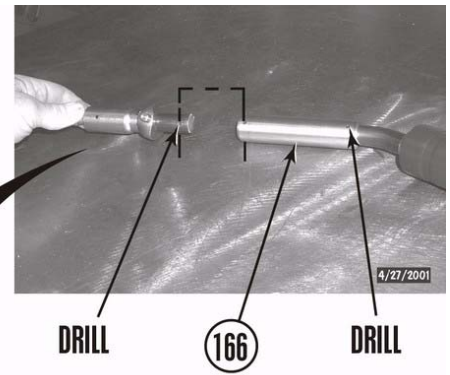
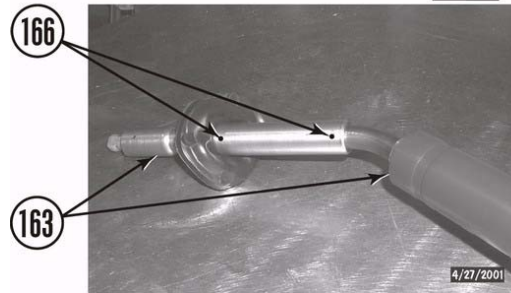
c. Scribe a line along side of transmission shift lever (163) below the bend as shown. Cut lever into two pieces through the line and deburr as necessary.



d. Position *kit* transmission shift lever extension (165) (se4700, purchased separately) between two pieces of transmission shift lever (163). Ensure lever is all the way in and the extension and lever scribe lines align.

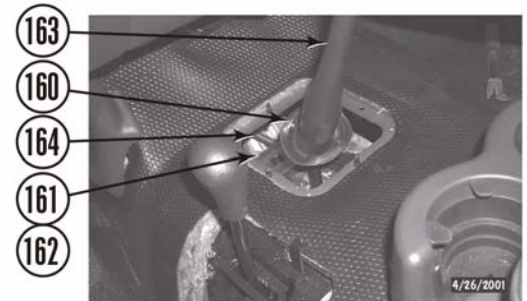
e. Using the holes in *kit* extension as a guide, drill one 1/8" hole through each part of the transmission shift lever (163).

f. Install two *kit* 1/8" x 1" roll pins (166) in holes.

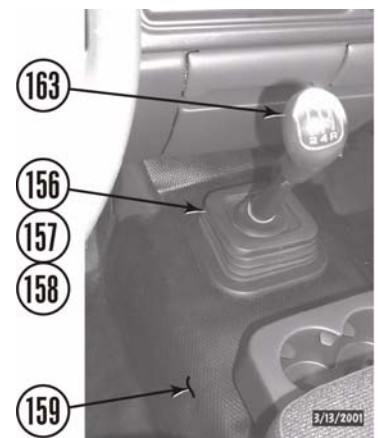


g. Position transmission shift lever (163) in top of transmission (164) and install spring plate (162) with four screws (161). Install rubber cover (160).

h. Check transmission shift lever operation. Ensure there is complete engagement in all gears.



i. Install shift boot (158) on transmission shift lever (163) and floorboard (159) with four screws (156). Check transmission shift lever operation again.

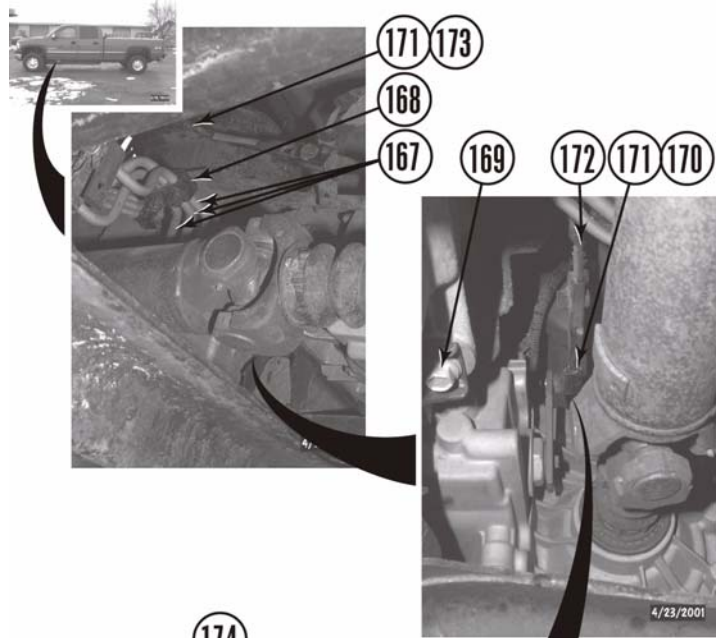


NOTE

Step 14. is for vehicles with manual transfer case only. Other models skip this step.

14. Lengthen and install transfer case shift lever.

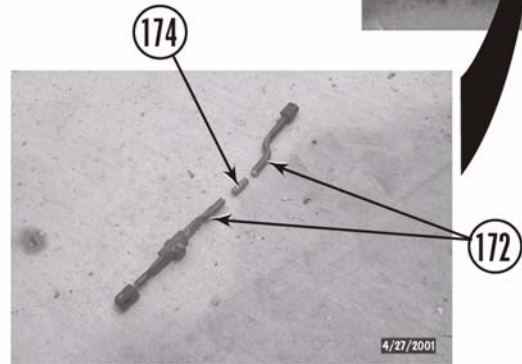
- a. Remove three lines (167) from bracket (168).
- b. Remove two nuts (169) and bracket (168) from transfer case (170).
- c. Remove two clips (171) and transfer case linkage rod (172) from transfer case (169) and pivot (173).
- d. Scribe a line along the side of transfer case linkage rod (172) as shown. Cut the rod into two pieces through the line and deburr as necessary.



WARNING

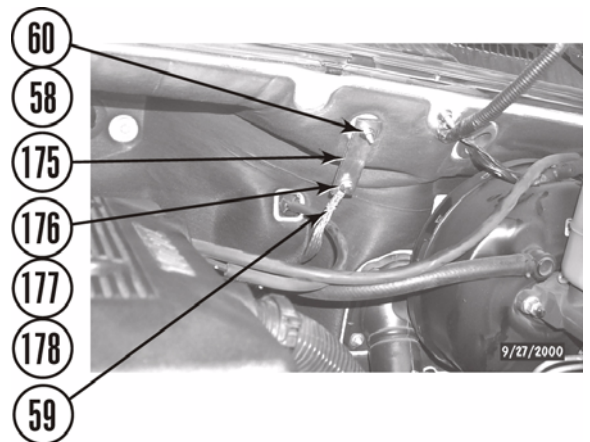
A certified welder should perform all welding.

- e. Position *kit* transfer case linkage rod extension (174) between the two pieces of transfer case linkage rod (172). Ensure extension and lever scribed lines align and weld extension in place.
- f. Install transfer case linkage rod (172) on transfer case (167) and pivot (173) with two clips (171).
- g. Check transfer case shift lever operation. Ensure there is complete engagement in all ranges. If necessary, adjust the linkage.



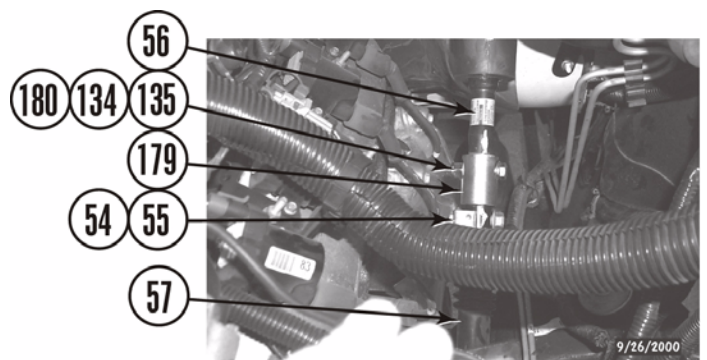
15. Under the hood.

- a. Install *kit* bracket (175) on stud (60) with nut (58).
- b. Install ground strap (59) on *kit* bracket (175) with *kit* 1/4" x 1" bolt (176), two *kit* 1/4" SAE washers (177), and *kit* 1/4" nylock nut (178).



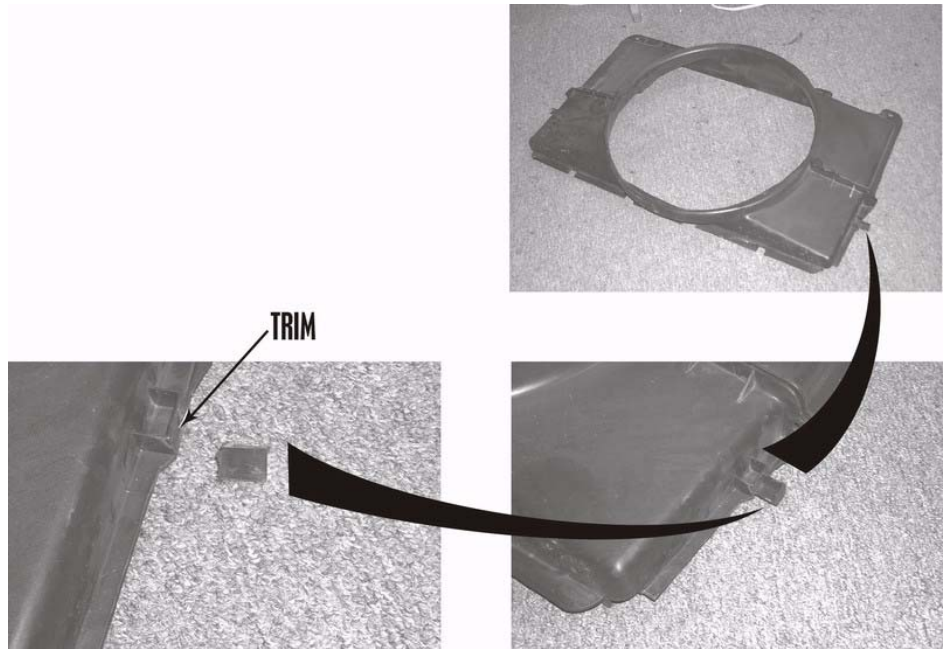
16. Install *kit* steering extension.

- a. Coat threads of retaining bolts (54 and 180) with Loctite®.
- b. Install *kit* steering extension (179) on upper steering shaft (56) with *kit* 3/8" x 1 3/4" retaining bolt (180), two *kit* 3/8" SAE washers (134), and *kit* 3/8" nylock nut (135). Do not tighten.
- c. Install lower steering shaft (57) on *kit* steering extension (179) with the stock retaining bolt (54) and clip (55).
- d. Tighten bolts (54 and 180) to 33 lb-ft.



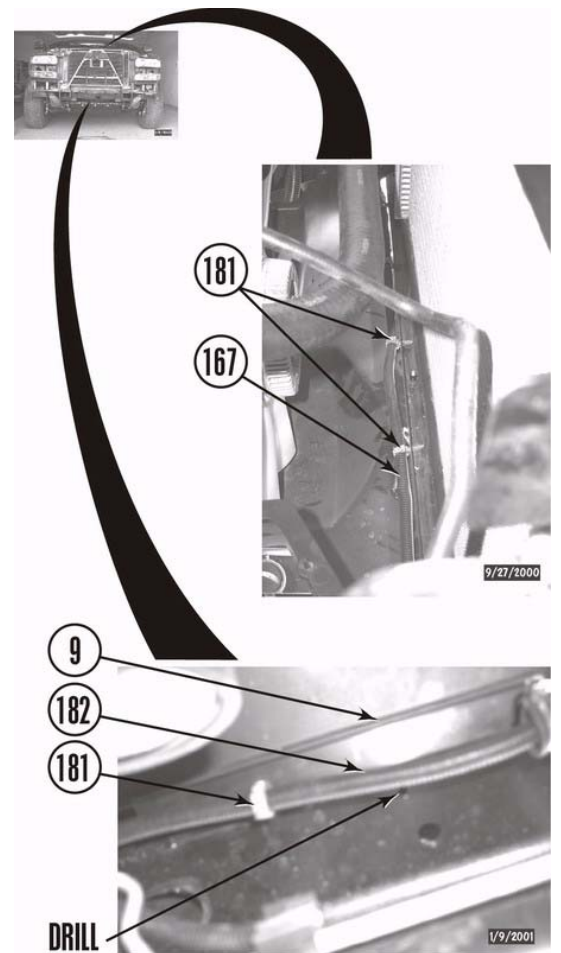
17. Radiator.

a. Trim ears from bottom fan shroud (49) as shown.



b. Remove four center harness clips (181) from core support (9). Remove four clips from harness (182).

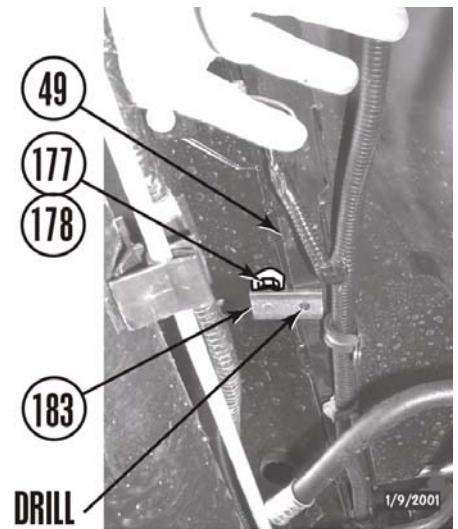
c. Drill two 9/32" holes in core support (9) where shown.



d. Position studs of two *kit* bottom fan shroud mounting brackets (183) in holes as shown and install two *kit* 1/4" SAE washers (177) and two *kit* 1/4" nylock nuts (178).

e. Position lower radiator shroud (49) on two *kit* lower fan shroud mounting brackets (183).

f. Position top fan shroud (48) on bottom fan shroud (49), check fit, and mark and drill two 9/32" holes where shown. Remove top fan shroud.



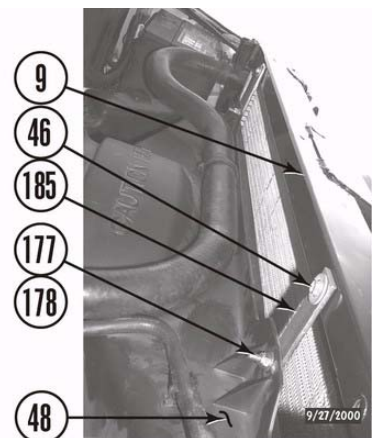
g. Position two *kit* clamps (184) on harness (182).

h. Install bottom fan shroud (49) and two *kit* clamps (184) on two *kit* bottom fan shroud mounting brackets (183) with two *kit* 1/4" x 1" bolts (176), two *kit* 1/4" SAE washers (177), and two *kit* 1/4" nylock nuts (178). Do not tighten.



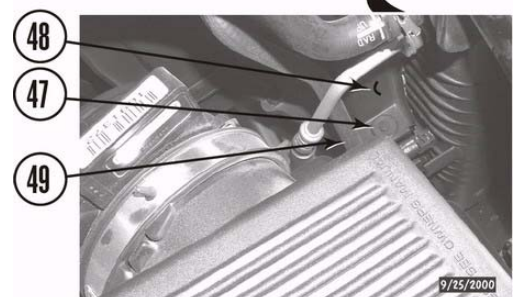
i. Install two *kit* upper fan shroud mounting brackets (185) on core support (9) with two bolts with captive washers (46). Do not tighten.

j. Install top fan shroud (48) on *kit* mounting brackets (185) with two *kit* 1/4" SAE washers (177) and *kit* 1/4" nylock nuts (178). Do not tighten.

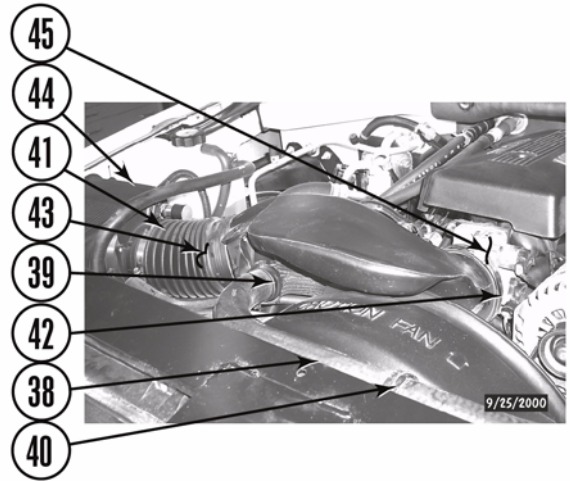


k. Install top fan shroud (48) on bottom fan shroud (49) with four pop-ups (47).

l. Check fan to fan shroud clearance. Ensure gap is the same all around shroud and tighten bolts (46) and nuts (178).

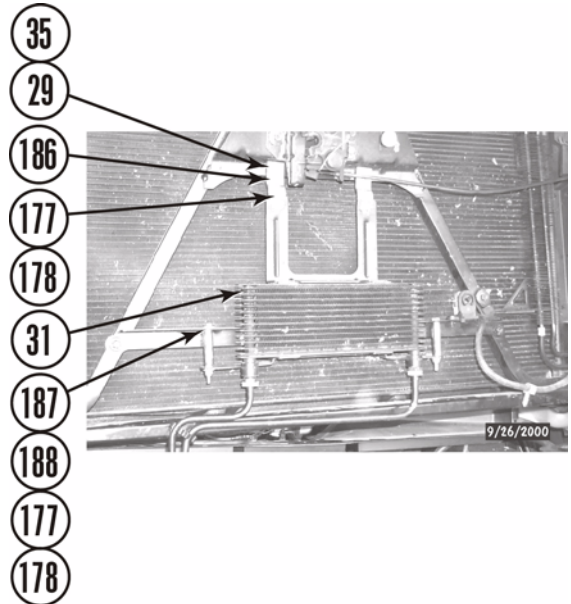


- m. Position air duct (43) on air filter housing (44) and throttle body (45) and tighten two clamps (41 and 42).
- n. Install hose (36) in two clamps (37 and 38).
- o. Install hose (39) in clamp (40).

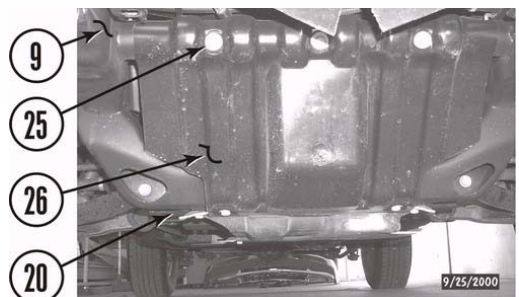


18. Transmission cooler (if so equipped).

- a. Install two *kit* S-brackets (186) on two clip nuts (35) on core support (9) with bolts (29). Do not tighten.
- b. Install transmission cooler (31) on two *kit* S-brackets (186) with two *kit* 1/4" SAE washers (177) and *kit* 1/4" nylock nuts (178). Do not tighten.
- c. Install two *kit* tubes (187) with two 1/4" x 3" bolts (188), four 1/4" SAE washers (177), and two 1/4" nylock nuts (178).
- d. Tighten nuts (178) and bolts (30 and 188).
- e. Carefully bend hard line (32) as shown and secure with *kit* zip tie (189).
- f. Trim air flap (28) as shown if a test fit indicates it interferes with hard lines (32 and 33).
- g. Install air flap (28) on core support (9) with three panel clips (30).

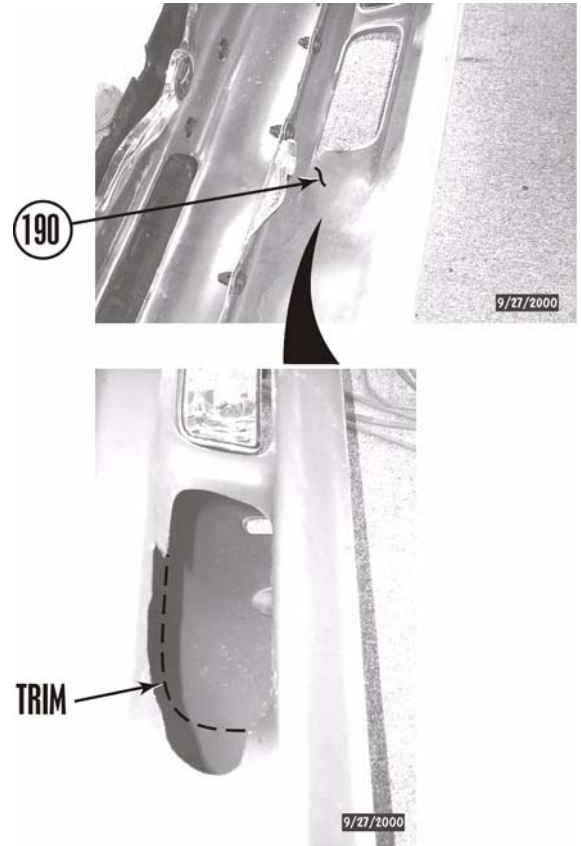


- h. Install plastic cover (26) on frame (20) and core support (9) with five bolts with captive washers (25).



19. Install the front bumper.

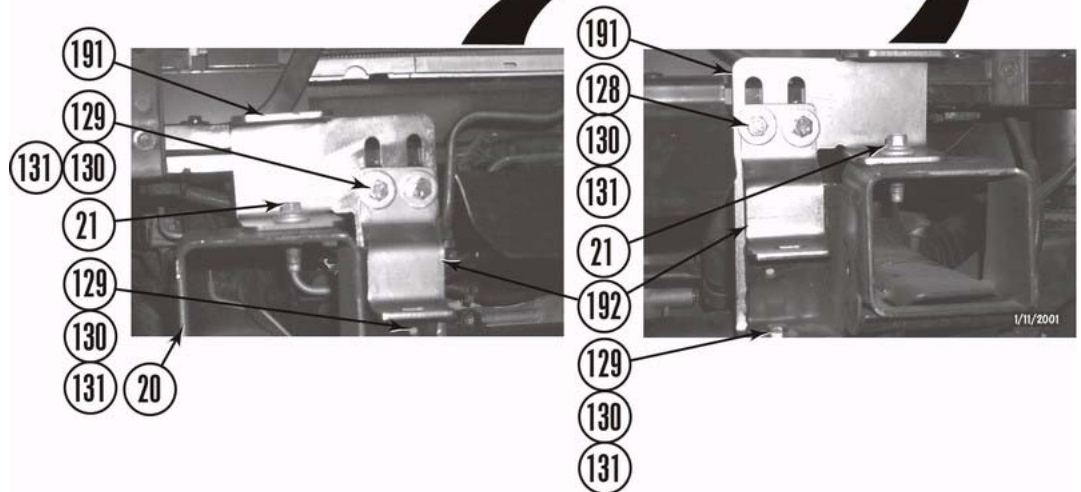
a. Trim the front bumper valance (190) in two places as shown.



b. Coat threads of bolts (19, 22, and 128) and nuts (130) with Loctite®.

c. Install two *kit* bumper brackets (191) on frame (20) with two stock bolts (21), two *kit* 7/16" x 1 1/2" bolts (128), four *kit* 7/16" USS washers (129), and two *kit* 7/16" nylock nuts (130). Do not tighten.

d. Install *kit* small bumper brackets (192) on *kit* bumper brackets (191) with four *kit* 7/16" x 1 1/2" bolts (128), eight *kit* 7/16" USS washers (129), and four *kit* 7/16" nylock nuts (130). Do not tighten.



e. Install front bumper (15) on two *kit* bumper brackets (191) and two *kit* small bumper brackets (192) with two bolts (22), two *kit* 7/16" x 1 1/2" bolts (128), four *kit* 7/16" USS washers (129), and two *kit* 7/16" nylock nuts (130). Do not tighten.

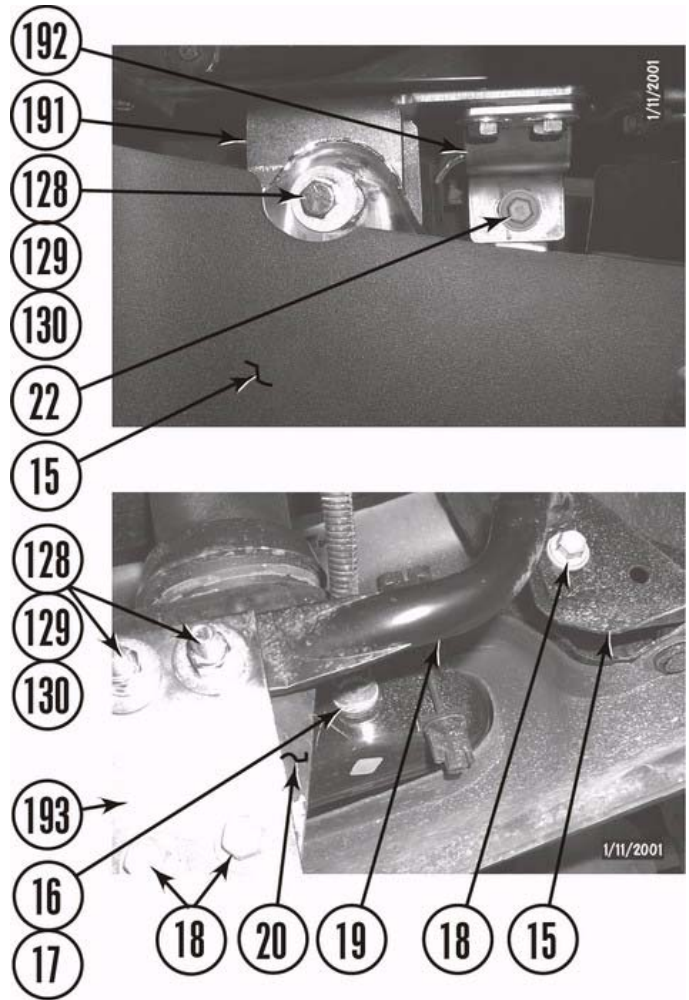
f. Install two *kit* side bumper brackets (193) on frame (20) with four bolts (18). Do not tighten.

g. Position four *kit* 7/16" x 1 1/2" bolts (128) and *kit* 7/16" USS washers (129) in top holes on *kit* side bumper brackets (192) as shown. Position bracket (19) over bolts (128) and install four *kit* 7/16" USS washers (129) and *kit* 7/16" nylock nuts (130). Do not tighten.

h. Install two brackets (19) on front bumper (15) with two bolts (18).

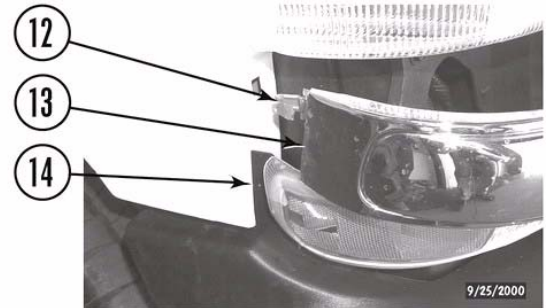
i. If so equipped, install two connectors (16) on fog lamps (17).

j. Tighten nuts (130) and bolts (18, 21, and 128). Check measurements between front bumper (15) and front fenders (14). Adjust bumper to cab clearance and tighten bolts and nuts to 55 lb-ft.

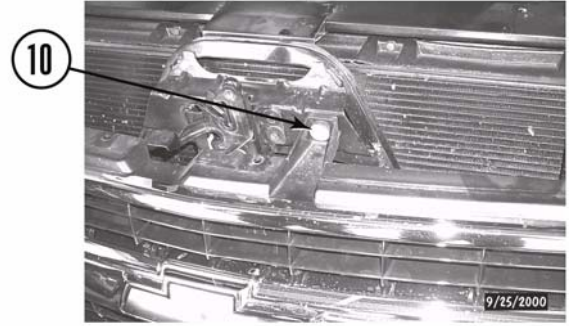


20. Install the grille.

a. Position grille (13) on core support (9) and install two clips (12) in front fenders (14).



b. Tighten four phillips head/dzeus fasteners (11) and install bolt with captive washer (10).

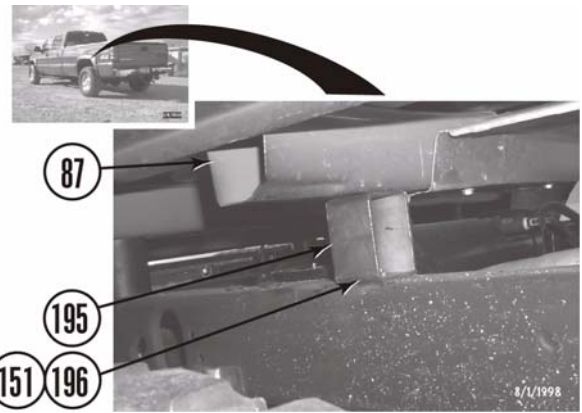


c. Install cover (8) on core support (9) with seven panel clips (7).



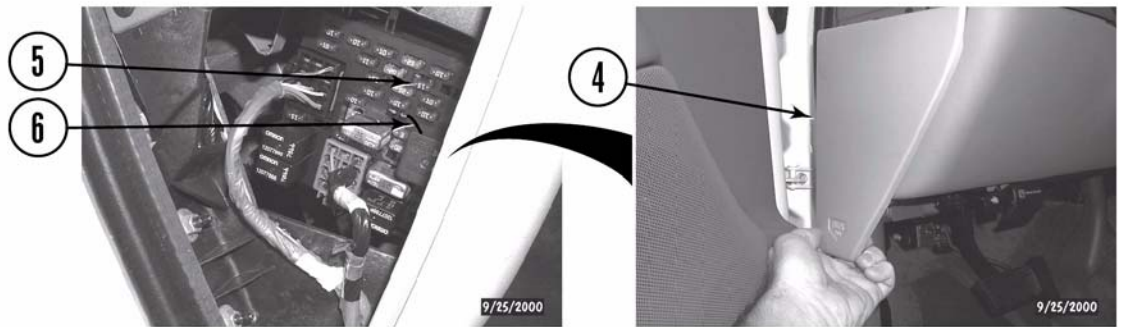
21. Install bed crush blocks.

- a. Remove four rubber bumpers (194) from bed (87).
- b. Install four *kit* crush blocks (195) on bed (87) with four *kit* 5/16" USS washers (151) and four *kit* 5/16 x 1" self tapping bolts (196).



D. After installation is complete.

1. Install airbag fuse (5) in fuse panel (6). Install cover (4).



2. Connect both battery cables to the battery (3). Be sure to reconnect the positive cable (2) first, then the negative cable (1).



3. Install *kit* warning sticker on the dash in plain sight of all vehicle occupants.
4. Double check the vehicle.

⚠WARNING

Retorque all fasteners after 500 miles and after off road use. All body lift components should be visually inspected and fasteners retorqued during routine vehicle servicing.

- a. Check all mounting hardware to ensure it is properly tightened.
- b. Check all wires, hoses, cables, etc. to ensure they have been properly connected and there is ample slack. With the number of hoses on this vehicle, it is vital that this be checked thoroughly.
- c. Check vehicle electrical system.
- d. Start vehicle and check the steering in both directions to ensure that there is no bind. Check clutch operation. Check the operation of the brake system and the parking brake. Check both shift levers' operation. Ensure that there is proper engagement in all gears and 4 wheel drive ranges.

⚠WARNING

If the engine cooling system is hot, the coolant will be HOT and UNDER PRESSURE. To prevent serious personal injury, wait until the cooling system is completely cool before removing the cap from the radiator.

- e. Check coolant level. Fill coolant to the proper level (refer to the Owner's Manual).
- f. Test drive vehicle in all gears and 4 wheel drive ranges. Pay close attention to all vehicle systems. Check all hardware again in 500 miles and as part of your regular maintenance schedule.

⚠CAUTION

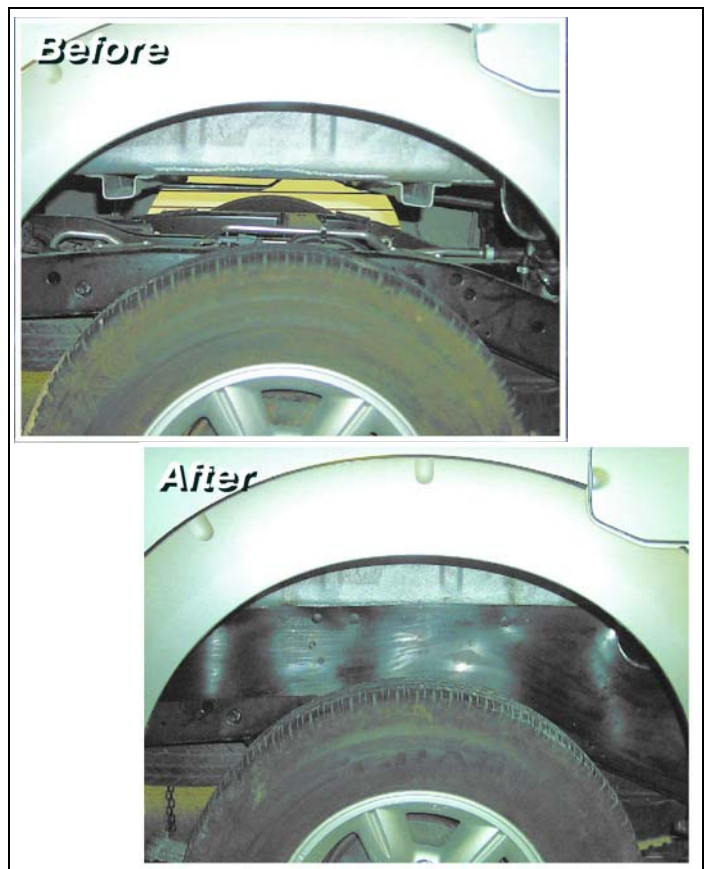
Performance Automotive Group does not recommend any particular wheel and tire combinations for use with its body lifts and cannot assume responsibility for the customer's choice of wheels and tires. Refer to your owner's manual for recommended tire sizes and warnings related to the use of oversized tires. Larger wheel and tire combinations increase stress and wear on steering and suspension components, which leads to increased maintenance and higher risk for component failure. Larger wheel and tire combinations also alter speedometer calibration, braking effectiveness, center of gravity, and handling characteristics. Consult an experienced local off road shop to find what wheel and tire combinations work best with your vehicle.

NOTE

All warranty information, instruction sheets, and other documents regarding the installation of this product must be retained by the vehicle owner. Information contained in the instructions and on the warranty card will be required for any warranty claims. The vehicle owner needs to understand the modifications made to the vehicle and how they affect vehicle handling and performance. Failure to provide the customer with this information can result in damage to the vehicle and severe personal injury.

Accessories

Kit# 6537 Gap Guards



E. Kit Parts List.

Quantity	Description
	Kit
14	3 x 3 blocks
2	2 x 3 mini blocks
2	2 x 3 drilled mini blocks
2	Front outer bumper brackets
2	Front inner bumper brackets
2	Front S-shaped inner bumper brackets
2	Rear bumper brackets
2	Rear bumper studed brackets
1	Filler hose extension
4	3" UP3-15A crush blocks
1	Warning to driver sticker
1	Logo sticker
1	6ml bottle Loctite
1	Bolt pack BP10063
1	Parking brake bracket
1	Transfer linkage extension
8	12mm x 1.75 x 180mm bolts
8	12mm x 1.75 x 100mm bolts
2	14mm x 2.00 x 110mm bolts
2	1/2" thick washers
16	7/16" USS washers
1	se 4500 steering extension
3	5/16" x 1" bolts
6	5/16" USS washers
2	14mm washers
3	5/16" nylock nuts
1	3/8" x 1 3/4" hex head bolt
1	3/8" nylock nut
2	3/8" SAE washers
1	Hardware pack HP10063
	Bolts
4	5/16" x 1" self tapping bolts
14	7/16" x 1 1/2" bolts
2	3/8" x 1 1/2" bolts
2	1/4" x 3" bolts
3	1/4" x 1" bolts
	Washers
2	14mm USS washers
28	7/16" USS washers
6	5/16" USS washers
4	3/8" USS washers
18	1/4" SAE washers
2	1 1/2" x 2 1/2" rect. washers
	Nuts
2	14mm nylock nuts
14	7/16" nylock nuts
2	3/8" nylock nuts
6	1/2" nylock nuts
11	1/4" nylock nuts

Miscellaneous

2	#36 hose clamps
1	3" ground strap
2	3" fan shroud brackets w/studs
2	1" fan shroud brackets w/studs
2	2" tubes
2	2" S-shaped brackets w/studs
2	Harness clamps (rubber clad)
1	Zip tie



Inner front bumper brackets (assembled)



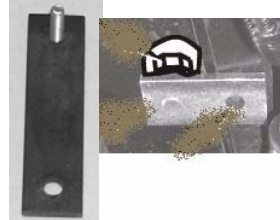
Outer front bumper bracket



Rear bumper bracket



Outer rear bumper bracket



Fan shroud brackets



Parking brake bracket