



**CHEVY/GMC SUBURBAN, TAHOE,
YUKON 2500 8.1L
3" BODY LIFT KIT
INSTALLATION INSTRUCTIONS
2005 KIT #10143**

⚠ 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.

Before Starting Installation

⚠ NOTE

Kit parts are prefaced by the word **kit** and appear in **bold** print.

1. Carefully read all warnings and instructions completely before beginning.
2. Verify all parts have been received in this kit by checking the parts list at the end of this document.

⚠ 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 specified.** If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-7080.

4. Special tools needed:

a. Not applicable.

5. Park the vehicle on a clean, dry, flat, level surface and block the rear tires so the vehicle cannot roll in either direction.

6. Battery Cables.

a. Disconnect the negative cable first, then the positive cable from the battery.

7. Remove fuse cover and the airbag fuse from the fuse panel. Fuse locations may vary. Check fuse chart on back of cover.



Battery

Negative Cable

Positive Cable



Fuse Cover



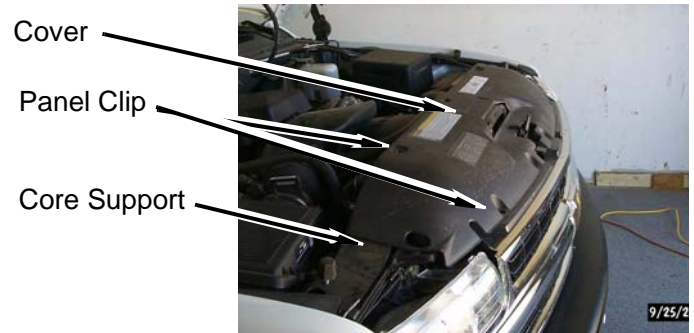
Fuse Panel



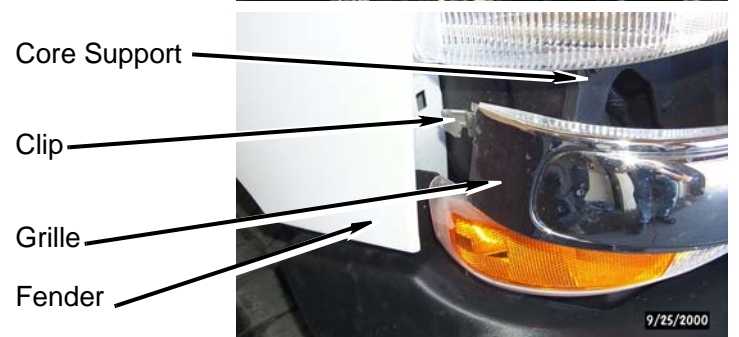
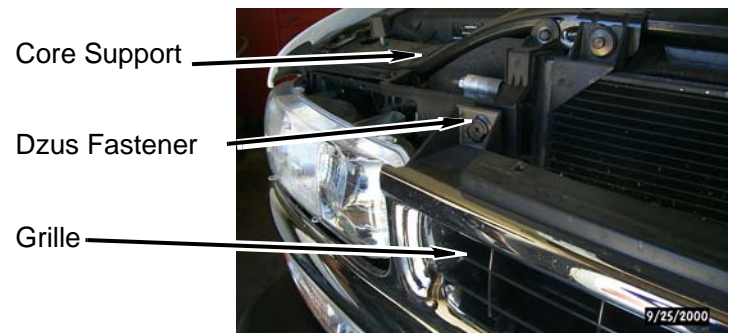
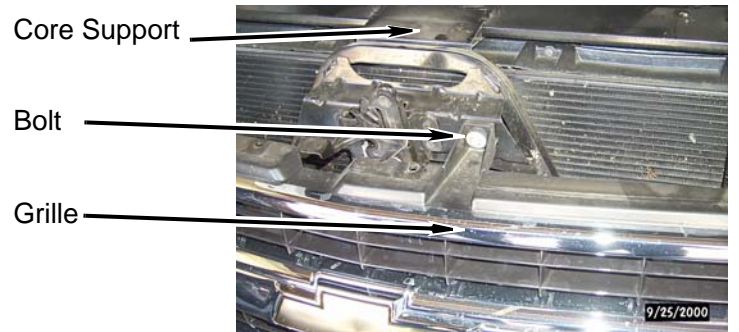
C. Get ready to install the kit.

1. Remove the grille.

- a. Remove seven panel clips and cover from core support.

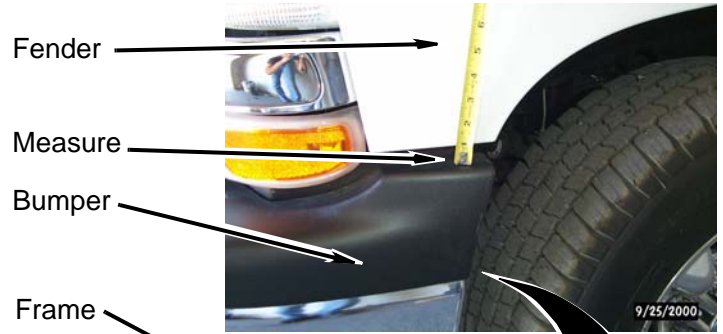


- b. Remove bolt, loosen four phillips head/dzus fasteners, remove two clips and grille from core support and front fenders.

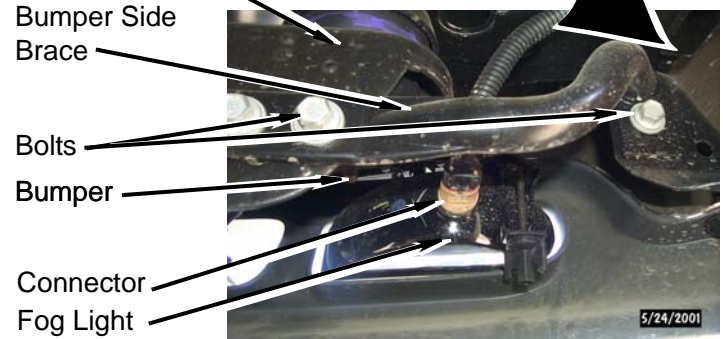


2. Remove the front bumper.

- a. Measure distance between the front bumper and front fenders. Record measurement.

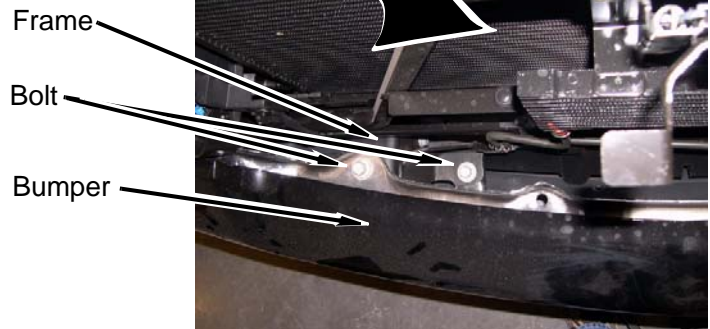


- b. Remove six bolts and two bumper side braces from front bumper and frame.

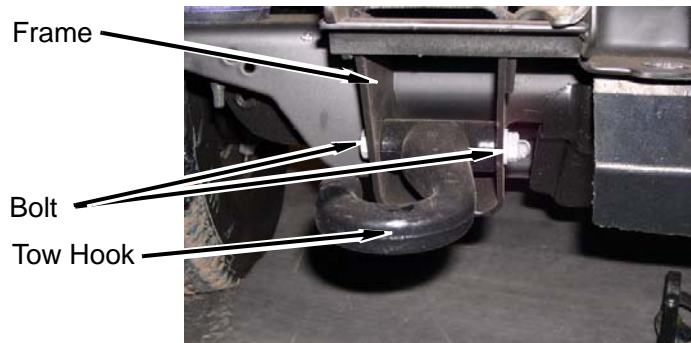


- c. Remove two fog light connectors from fog lights.

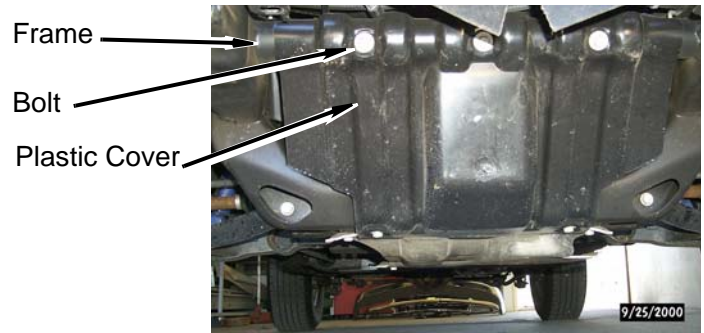
- d. Remove four bolts and front bumper from two front bumper brackets.



- e. Remove three bolts and tow hook from the frame.

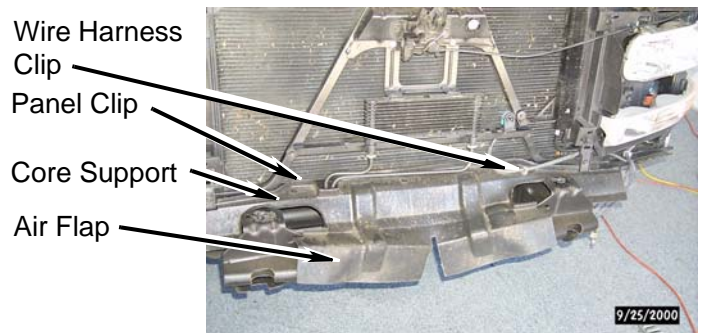


f. Remove five bolts and plastic cover from frame.

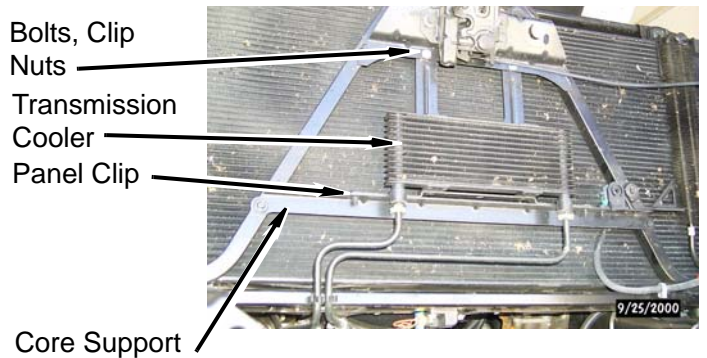


g. Remove wire harness clip and harness from air flap.

h. Remove three panel clips and air flap from core support.

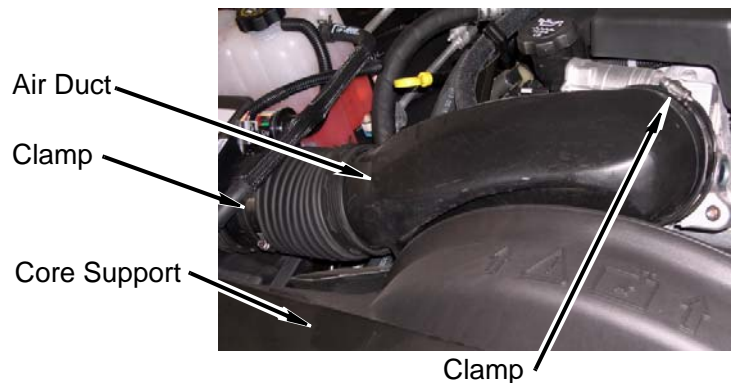


i. Remove two bolts, two clip nuts, two panel clips, and transmission cooler from core support. Remove two transmission cooler lines from clip.

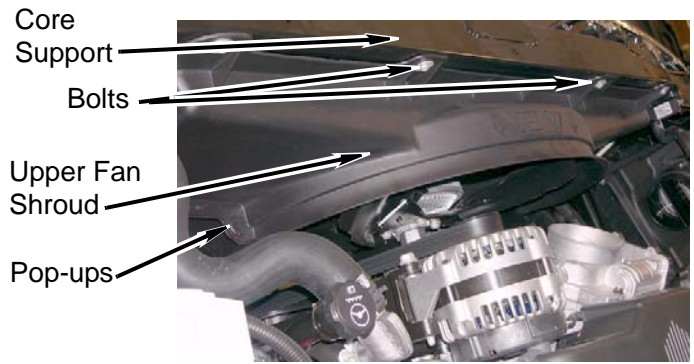


3. Under the hood.

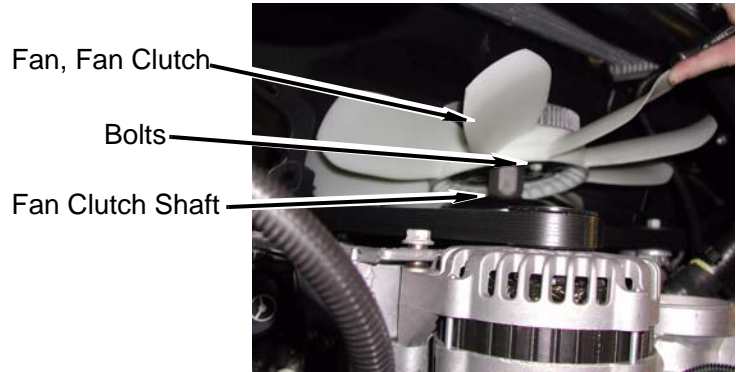
a. Loosen and remove two clamps and air duct from air filter housing and throttle body.



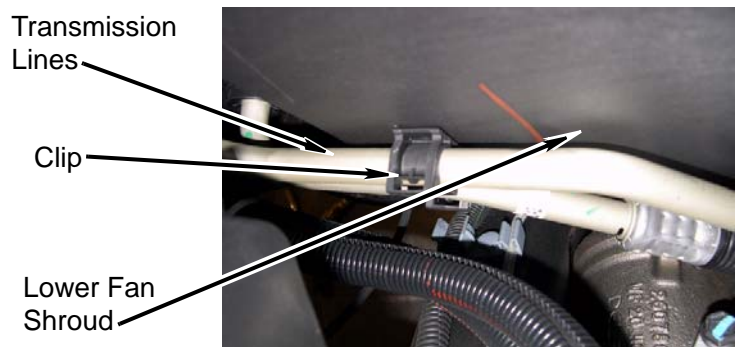
- b. Remove four bolts, four pop-ups, and upper fan shroud from core support, lower fan shroud, radiator, and vehicle.



- c. Remove four bolts from fan and fan clutch. Rest fan on fan clutch shaft.

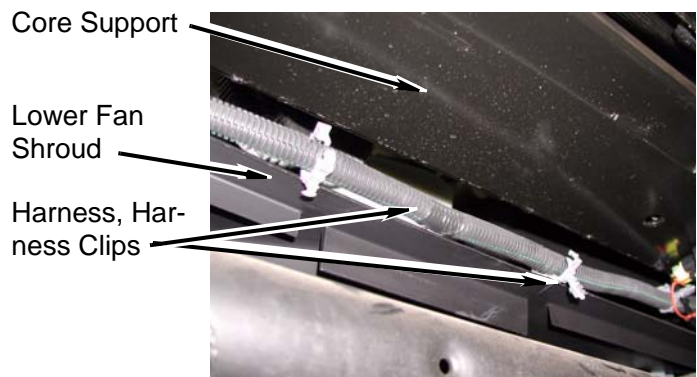


- d. Remove two transmission lines from clip on lower fan shroud.



- e. Lift lower fan shroud from radiator and core support. Let lower fan shroud rest under fan. Ensure that lower fan shroud will not get jammed in between fan and core support.

- f. Remove four harness clips and harness from core support. Remove four clips from harness.



NOTE

Ensure steering shaft does not turn independently of the steering gearbox. This could cause the air bag system to malfunction, resulting in serious personal injury or damage to the equipment.

- g. Straighten steering wheel and strap the wheel so it will not turn.
- h. Remove bolt and clip and slide upper steering shaft up to separate from lower shaft.

Upper Steering Shaft

Bolt, Clip

Lower Steering Shaft



- i. Remove nut and ground strap from stud.

Nut

Ground Strap



- j. Remove wire harness clip from bracket.

Bracket

Clip

Wire Harness



4. Along the frame rails.

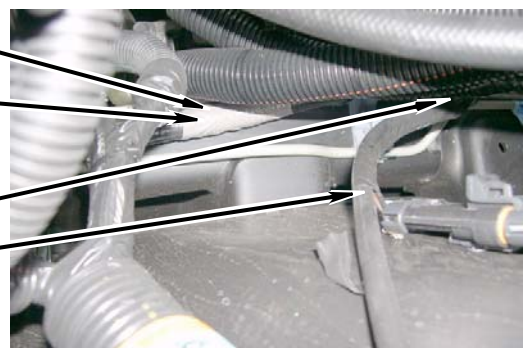
- a. Remove two wire harness and clips from frame and brake lines.

Wire Harness

Clip

Clip

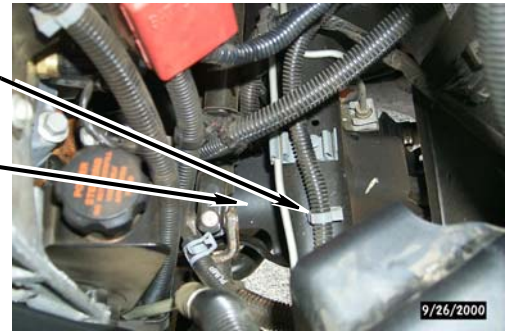
Wire Harness



b. Remove wire harness and clip from frame driver side. Remove harness from clip.

Wire Harness Clip

Frame



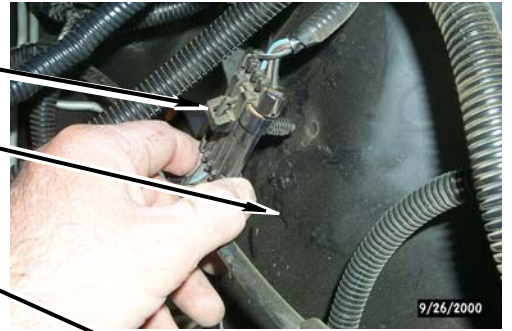
c. Remove three clips from frame driver side and wheel well.

Clip

Wheel Well

Wheel Well

Clip



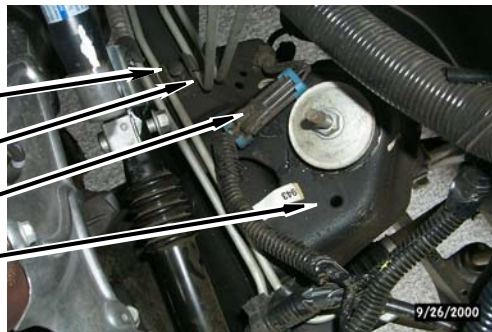
d. Remove two brake lines from two sets of clips.

Clip

Brake Line

Clip

Frame



e. Remove two harnesses and clips from bracket.



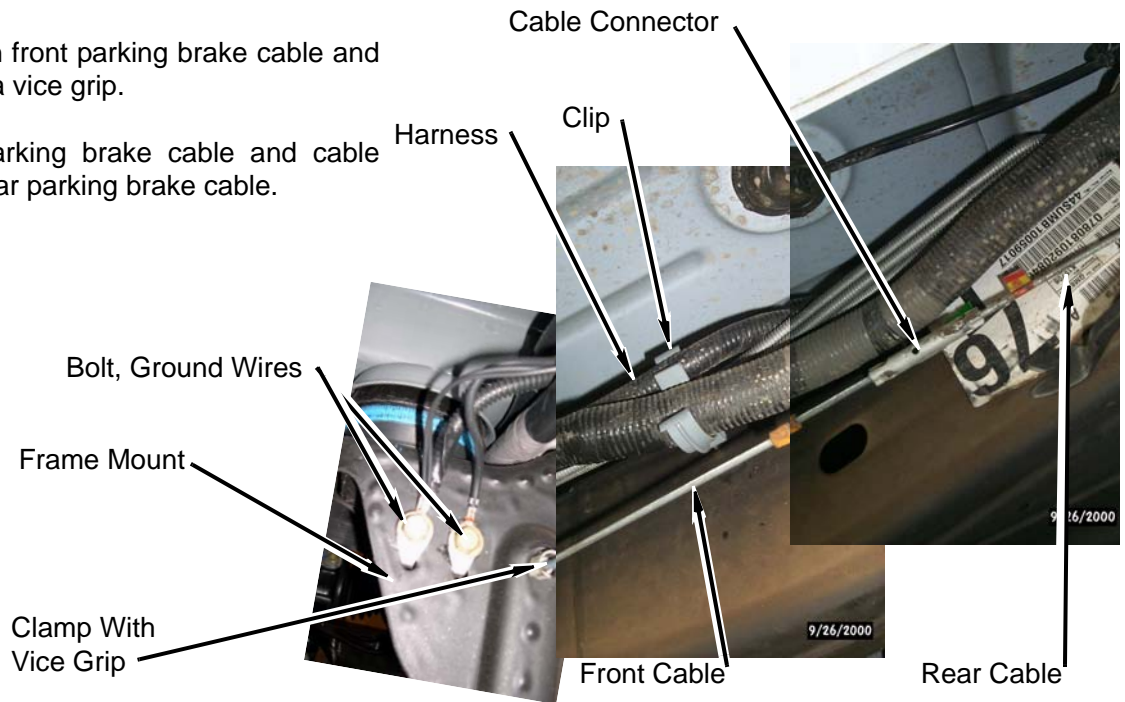
Bracket

Clip

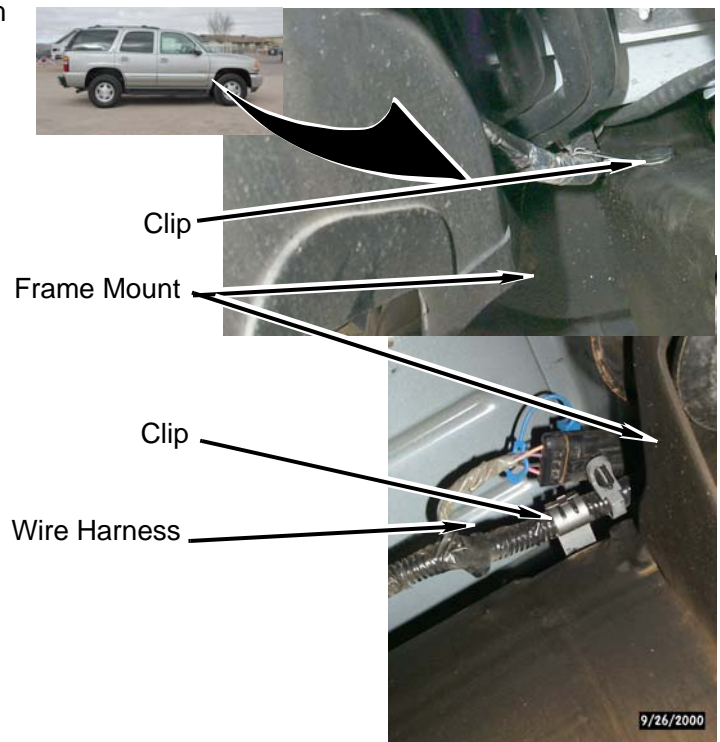
Harness



- f. Remove two bolts and three ground wires from driver side frame mounting pad.
- g. Remove two harnesses from clip. Remove clip from frame driver side.
- h. Pull some slack in front parking brake cable and clamp cable with a vice grip.
- i. Separate front parking brake cable and cable connector from rear parking brake cable.



- j. Remove front parking brake cable from driver side frame mounting pad.
- k. Remove two clips, brackets, and harness from frame passenger side.

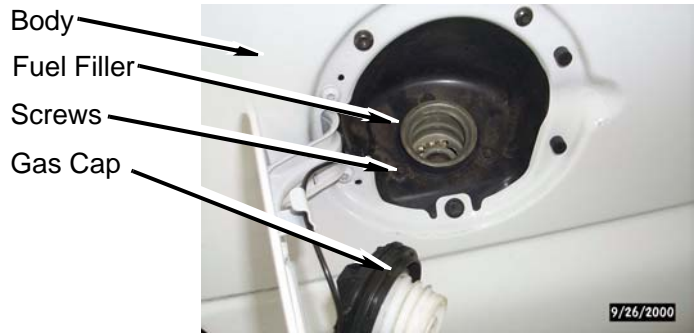


⚠WARNING

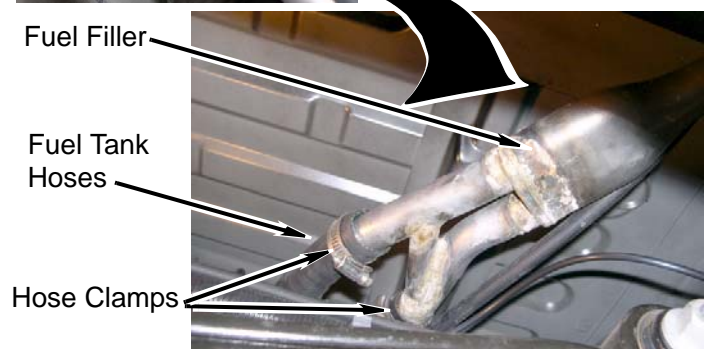
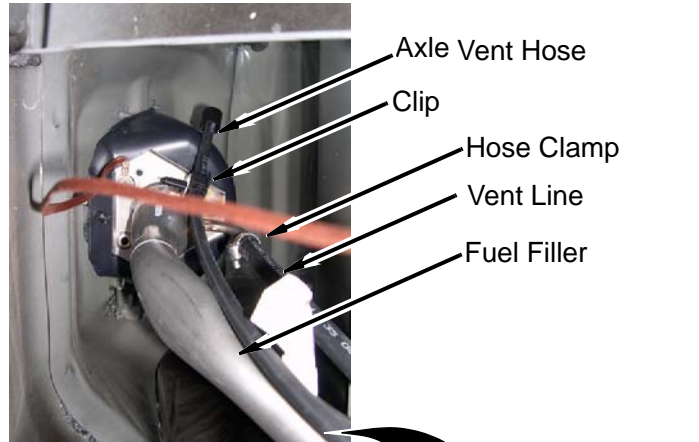
Use extreme caution when working near fuel lines and fuel tank. Clean up spilled fuel immediately. Any spark could cause an explosion or fire resulting in serious personal injury and property damage.

5. Remove the fuel filler.

- a. Remove gas cap and three screws from fuel filler and body.
- b. Remove hose clamp and vent line from fuel filler.
- c. Remove clip and axle vent hose from fuel filler.

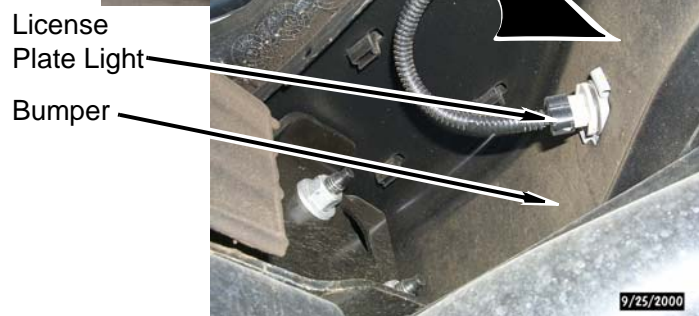
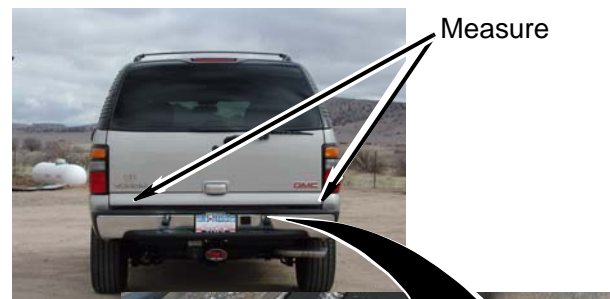


- d. Loosen two hose clamps and remove fuel filler from fuel tank hoses and vehicle.

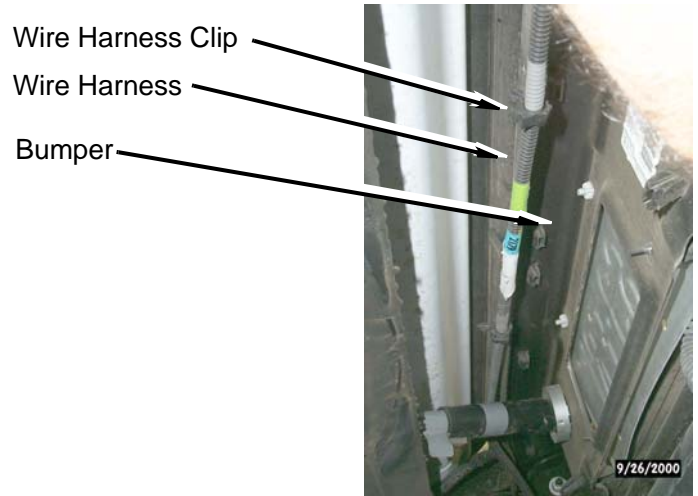


6. Remove the rear bumper.

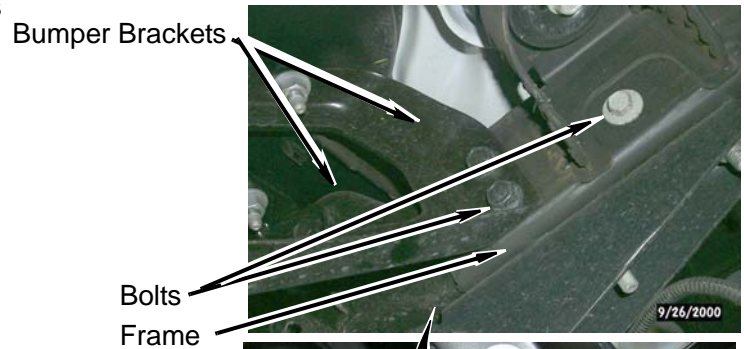
- a. Measure distance between rear bumper and rear door.
- b. Remove spare tire (refer to the Owner's Manual).
- c. Disconnect two license plate lights from rear bumper.



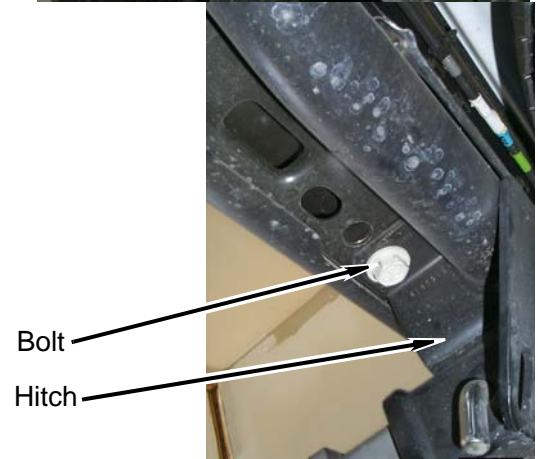
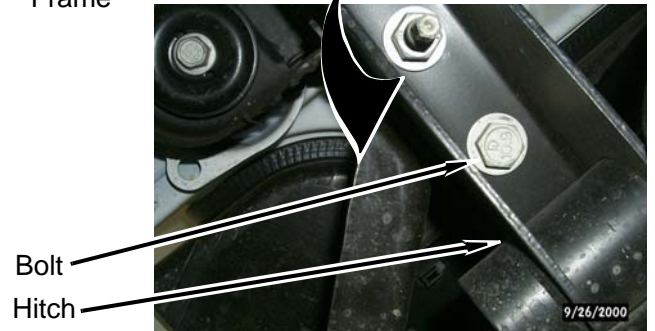
d. Remove three wire harness clips and harness from rear bumper.



e. Remove six bolts from two rear bumper brackets and frame.



f. If equipped with a factory class III trailer hitch, remove four bolts from hitch, rear bumper, and frame.



- g. Remove two rear bumper brackets and rear bumper from frame.
- h. Remove four nuts, four bolts, and two rear bumper brackets from rear bumper.

D. Install the kit.

- 1. Prepare to lift body from frame.

⚠WARNING
 Failure to replace the OEM body mounting hardware (except mounting bolts in the kit) in the stock locations could result in serious personal injury or damage to the vehicle.

- a. Hold two core support bolts and loosen but do not remove two nuts from core support mounting pads.
- b. Loosen but do not remove ten body mounting bolts with captive washers.

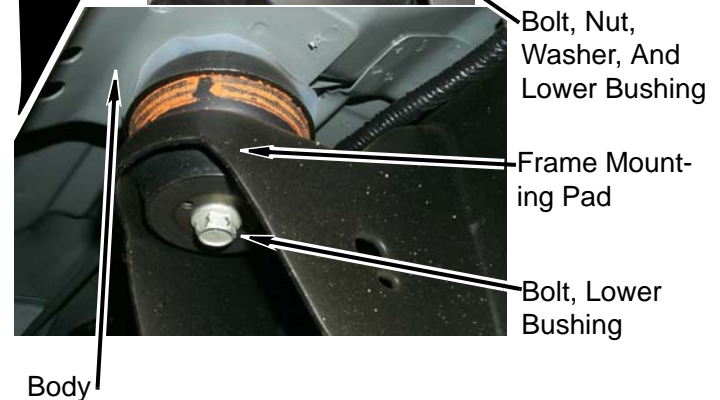
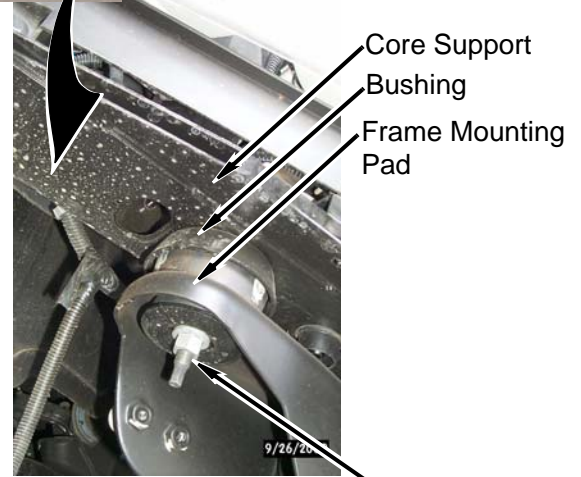
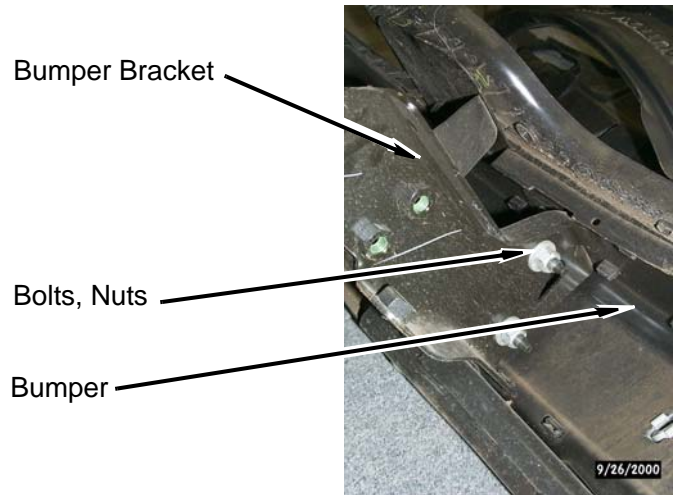
⚠WARNING
 Use extreme caution when lifting body from frame. Ensure lifting device is securely placed. Keep hands out from between frame and body, or serious personal injury could result.

⚠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 firewall, 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.

⚠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.

⚠NOTE
 Passenger side core support bolt can be removed but driver side core support bolt cannot until body is lifted.

- c. Remove nut, washer, bottom bushing, washer, and bolt from the passenger side core support mounting pad and passenger side frame mounting pad.
- d. Remove five bolts and lower bushings from the passenger side frame mounting pads and body mounting pads.



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

a. Using a hydraulic jack and a wooden block, slowly lift the body passenger side just high enough to position a kit **spacer block** between the metal cup and the passenger side core support mounting pad.

b. Position five kit **spacer blocks** on top of the passenger side frame mounting pads.

c. Install a kit **bolt** (12mm x 1.75 x 180mm) through kit **washer** (7/16" USS), bottom bushing, frame mounting pad, top bushing, metal cup, kit **spacer block**, body passenger side core support mounting pad, kit **washer** (1/2" thick), and stock nut. Do not tighten.

d. Install five kit **bolt** (12mm x 1.75 x 180mm) bolts through five kit **washer** (7/16" USS), bottom bushings, frame mounting pads, top bushings, metal cups, kit **spacer blocks**, and body mounting pads. Do not tighten.

e. Lower body on the kit **spacer blocks**.

3. Install the body driver's side kit **spacer blocks**.

a. Repeat previous steps for the body driver's side.

4. Finish the body spacer block installation.

a. Remove twelve bolts one at a time, place a few drops of Loctite® on threads and install. Tighten to 55 lb-ft.

Kit **Spacer**

Blocks

Bushing

Frame Mounting Pad

Frame Mounting Pad

Bushing

Kit **Bolt** (12mm x 1.75 x 180mm),
Washer (7/16" USS)

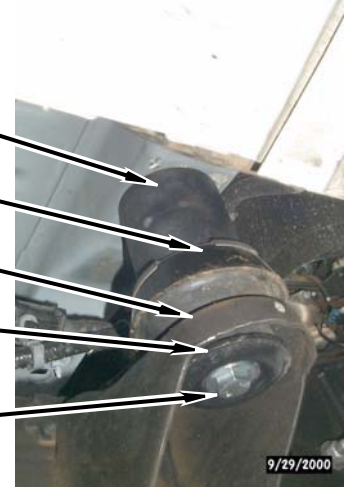
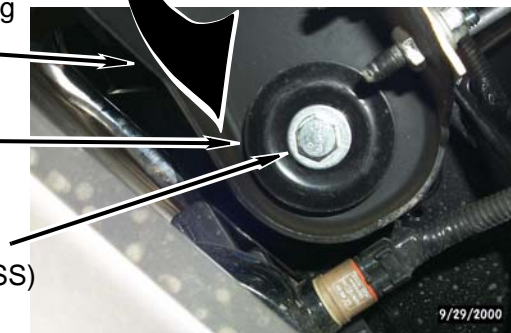
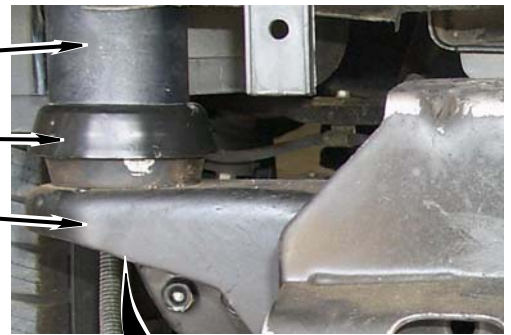
Kit **Spacer**
Blocks

Bushing

Frame Mounting Pad

Bushing

Kit **Bolt** (12mm x 1.75 x 180mm),
Washer (7/16" USS)



⚠WARNING

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

5. Install fuel filler.

a. Cut full filler where shown.

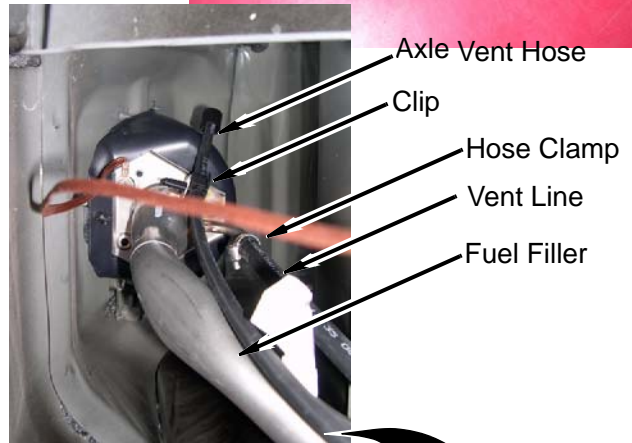
Cut
Fuel Filler



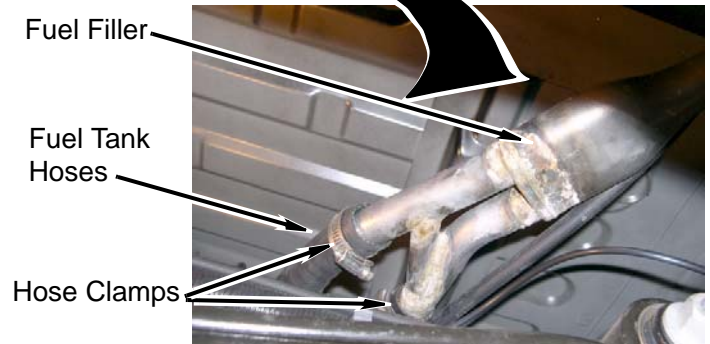
- b. Install kit **extension** (fuel filler) on fuel filler with two kit **clamps**.
- c. Install kit **clamp** on fuel filler and ground strap as shown.



- d. Install vent line on fuel filler with hose clamp.
- e. Install clip and axle vent hose on fuel filler.



- f. Install fuel filler on fuel tank hoses and vehicle with two hose clamps.

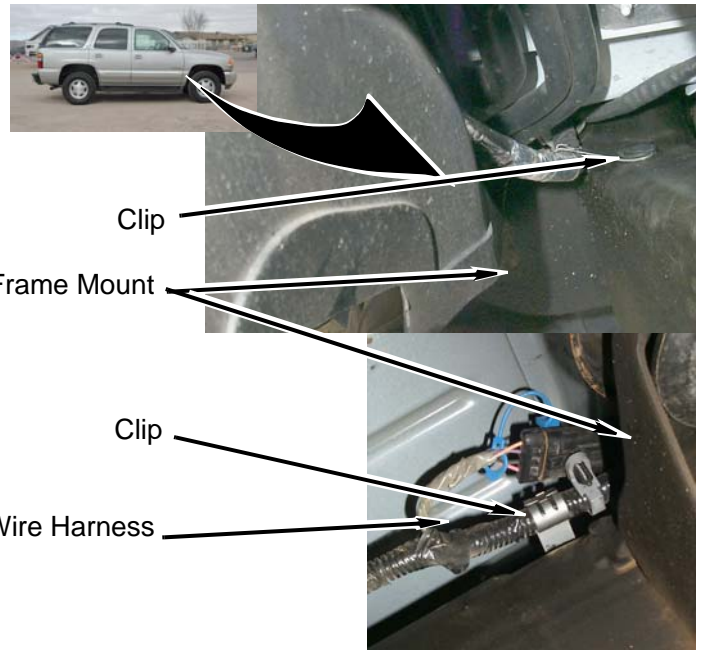


- g. Install fuel filler on the body with three bolts.
- h. Install gas cap.

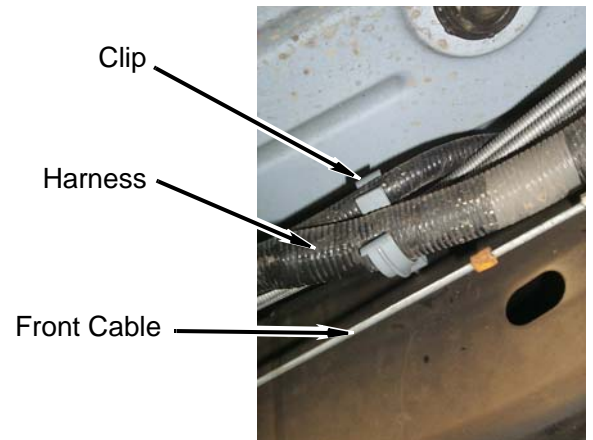


6. Along the frame rails.

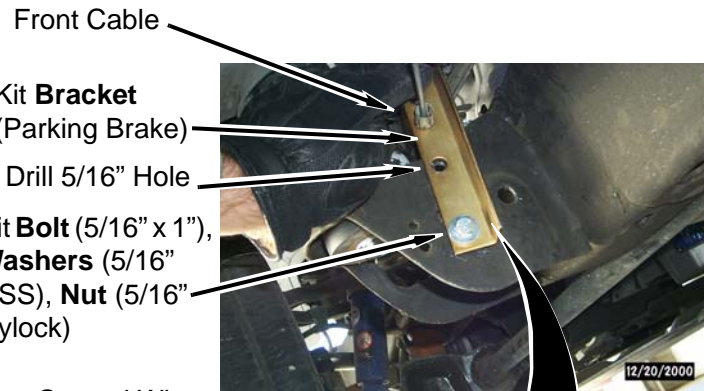
- a. Install two brackets and harness on frame passenger side with two clips.



- b. Install two harnesses in clip and clip on frame driver side.



- c. Install kit **bracket** (parking brake) on frame driver side mounting pad as shown with kit **bolt** (5/16" x 1"), two kit **washers** (5/16" USS), and kit **nut** (5/16" nylock).



- d. Using kit **bracket** as a template, drill a 5/16" hole as shown for the second kit **bolt**.

- e. Install kit **bracket** (parking brake) on frame mounting pad as shown with second kit **bolt** (5/16" x 1"), two kit **washers** (5/16" USS), and kit **nut** (5/16" nylock).

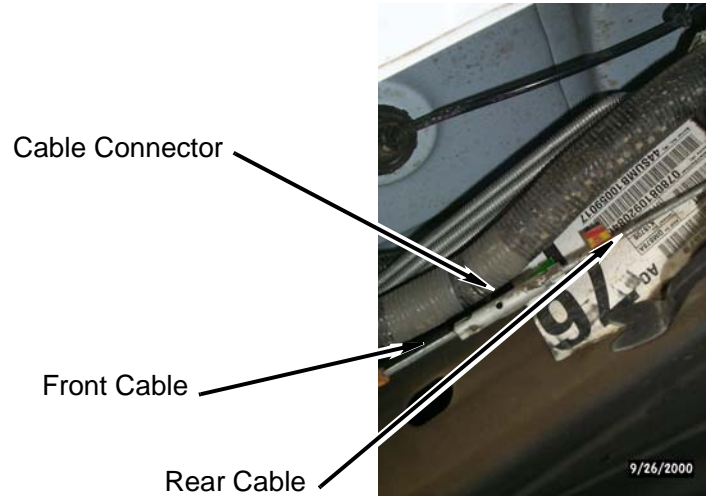
Kit **Bolt** (5/16" x 1"),
Washers (5/16" USS),
Nut (5/16" Nylock)

- f. Install two ground wires on kit **bracket** (parking brake) with kit **bolt** (5/16" x 1"), two kit **washers** (5/16" USS), and kit **nut** (5/16" nylock).

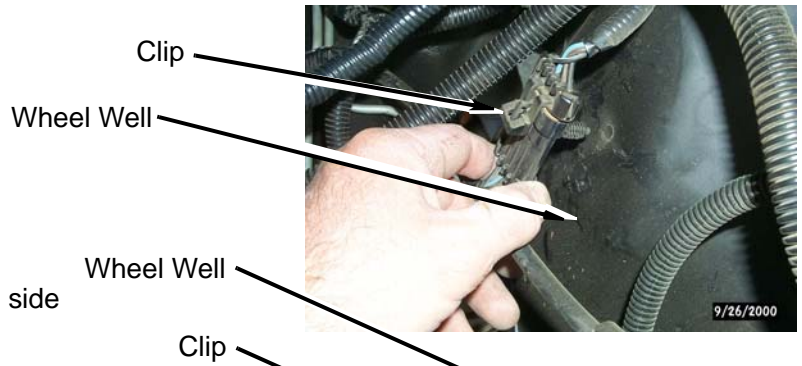
Two Ground Wires
Kit **Bolt** (5/16" x 1"),
Washers (5/16" USS),
Nut (5/16" Nylock)



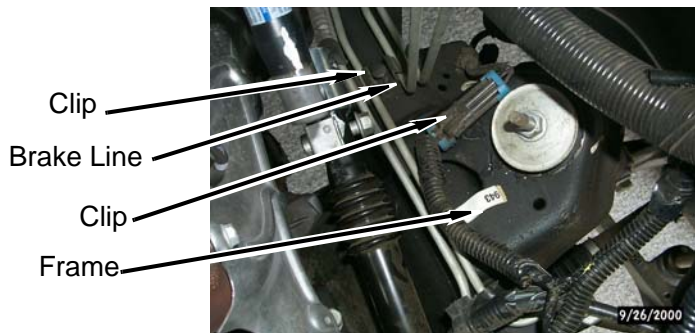
- g. Route the front parking brake cable through the biggest hole in the kit **parking brake bracket** and reconnect the front cable and cable connector to the rear cable.



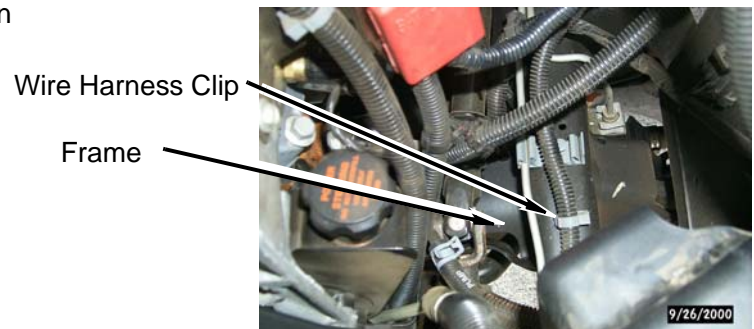
- h. Install two brake lines in two sets of clips.



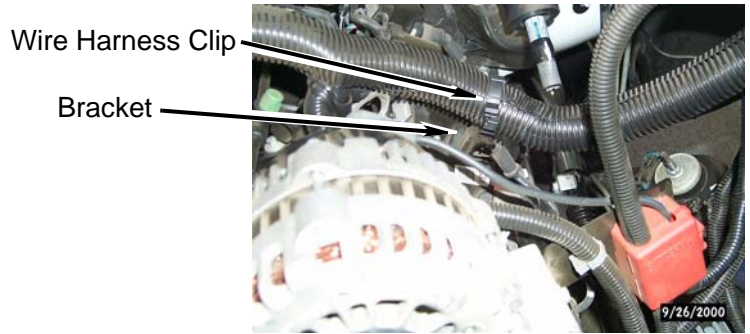
- i. If possible, install three clips in frame driver side and wheel well.



- j. If possible, install harness in clip and clip in frame driver side.

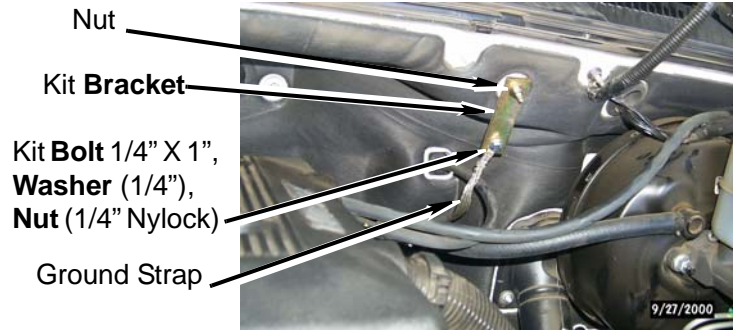


k. If possible, install clip in bracket.



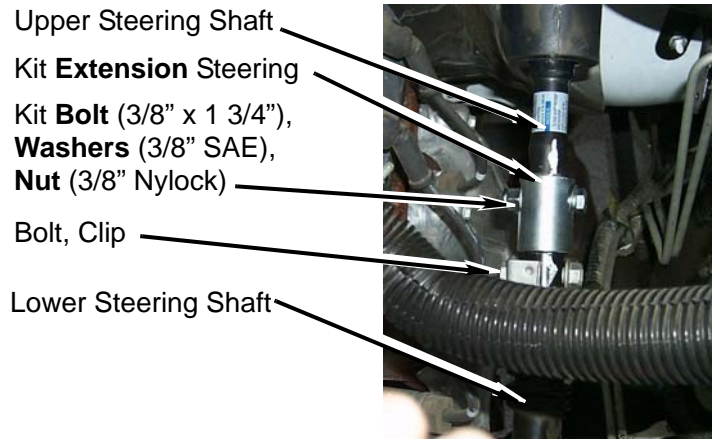
7. Under the hood.

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



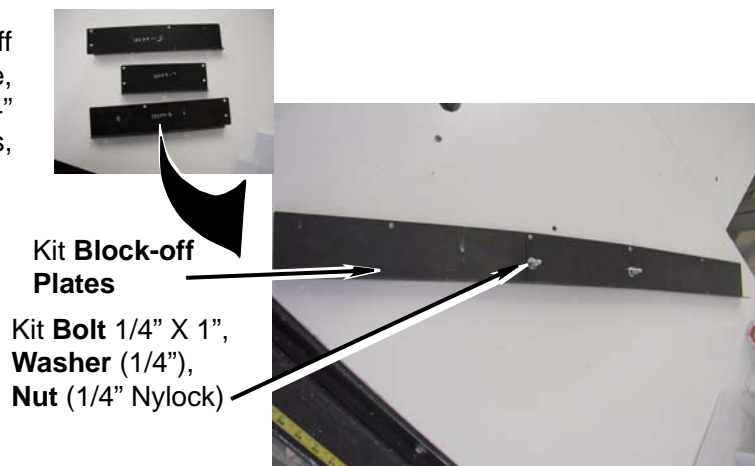
8. Install kit **steering extension**.

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

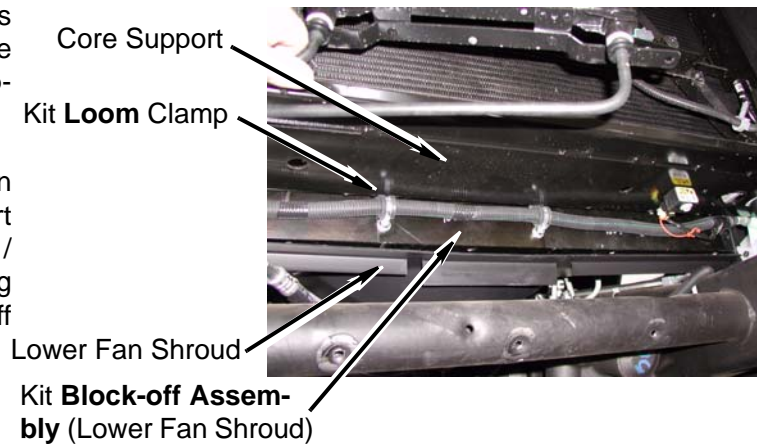


9. Radiator Lower Fan Shroud.

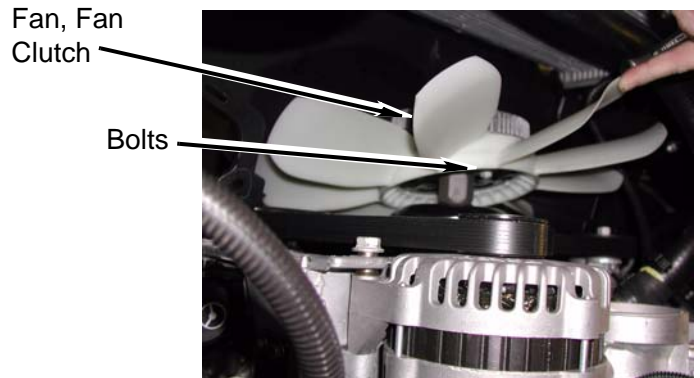
- a. Assemble three lower fan shroud block-off plates, making sure to align the lip of each plate, use two kit **bolt** (1/4" x 1"), four kit **washers** (1/4" SAE), and two kit **nut** (1/4" nylock). Snug bolts, but do not tighten.



- b. Position two kit **loom** clamps on wiring harness as shown. Ensure the rubber clad portion of the kit **loom** clamps are forward and under core support.
- c. Position kit **block-off assembly** (lower fan shroud) and two kit **loom** clamps on core support with four kit **bolt** (1/4" x 1"), four kit **washers** (1/4" SAE), and four kit **nut** (1/4" nylock). Snug bolts, but do not tighten. Ensure lip of block-off assembly is pointing forward as shown.



- d. Position fan on fan clutch with four bolts.

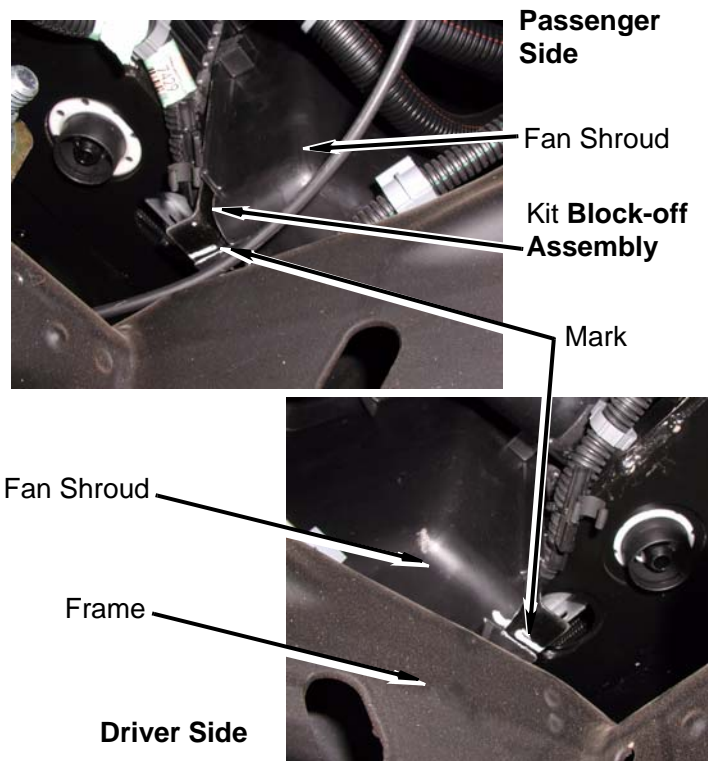


NOTE
 For the following step it might help to position kit **bracket** (upper fan shroud) and upper fan shroud on lower fan shroud and core support.

- e. Position and center lower fan shroud on kit **block-off assembly** (lower fan shroud). Mark the position of the kit **block-off assembly** (lower fan shroud) in relation to the lower fan shroud. Ensure lower fan shroud will not come into contact with fan.

CAUTION
 Ensure that all safety and care precautions are taken when operating power tools.

- f. Remove four bolts and fan from fan clutch. Rest fan on fan clutch shaft.



NOTE

It may be helpful to install a second 1/4" x 1" bolt on the block-off assembly to assist in squaring fan shroud.

- g. Remove lower fan shroud and kit **block-off assembly** (lower fan shroud) from vehicle. Position lower fan shroud and kit **block-off assembly** (lower fan shroud) together as marked. Using kit **block-off assembly** (lower fan shroud) as a template drill five holes with 1/4" drill bit.



Kit **Block-off Assembly**
(Lower Fan Shroud)

Fan Shroud



- h. Trim locking tabs and marked edges from lower fan shroud driver and passenger side as shown.



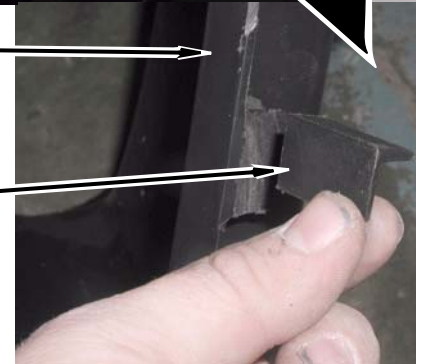
Trim Edge

Fan Shroud

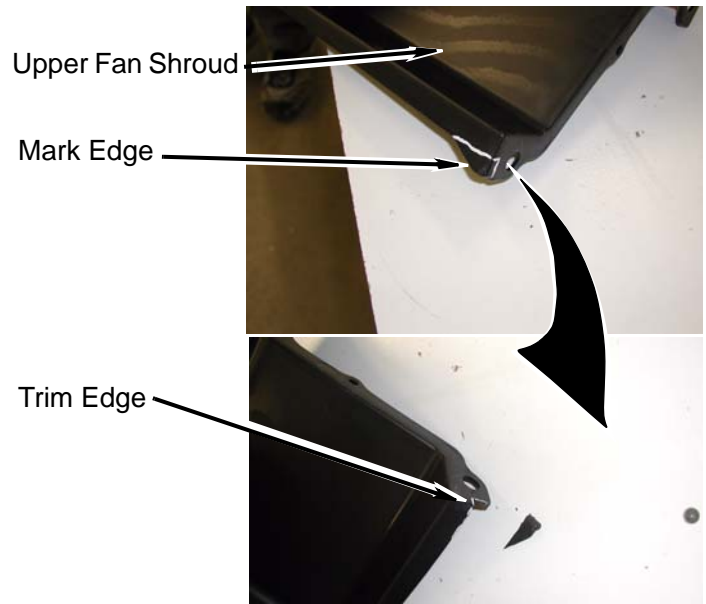


Fan Shroud

Trim Locking Tabs

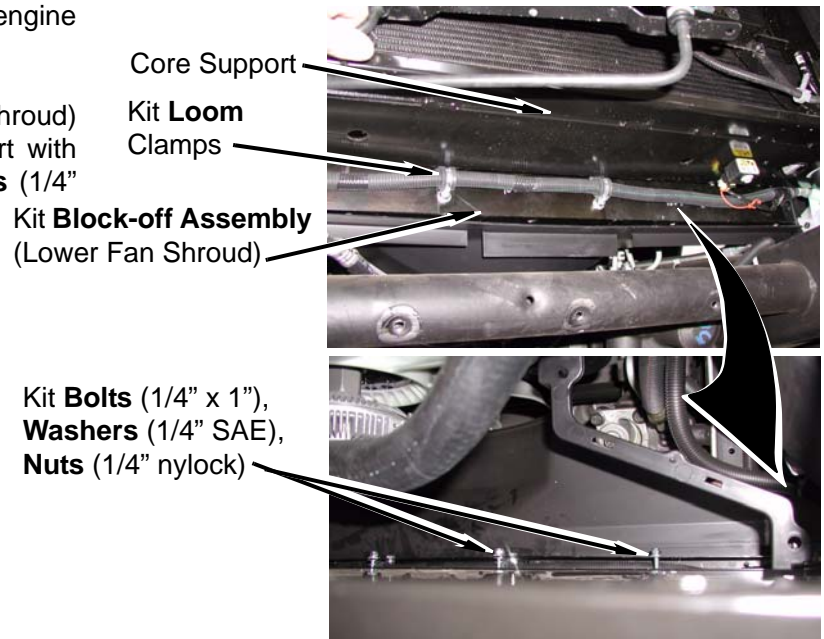


- i. Trim marked edges from upper fan shroud to coincide with lower fan shroud as shown.

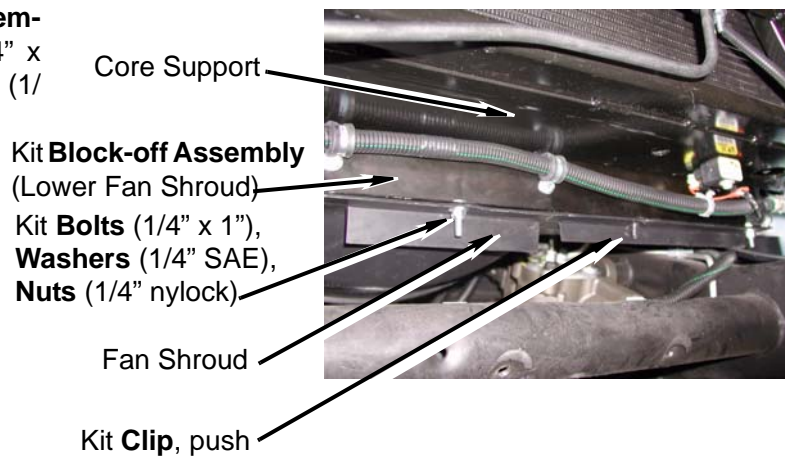


- j. Position and rest lower fan shroud in engine compartment.

- k. Install kit **block-off assembly** (lower fan shroud) and two kit **loom** clamps on core support with four kit **bolts** (1/4" x 1"), four kit **washers** (1/4" SAE), and four kit **nuts** (1/4" nylock).

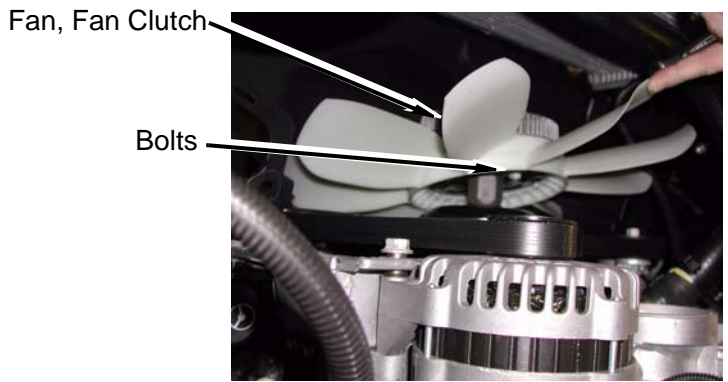


- l. Install lower fan shroud on kit **block-off assembly** (lower fan shroud) with three **bolts** (1/4" x 1"), six kit **washers** (1/4" SAE), three kit **nuts** (1/4" nylock) and two kit **clip** (push).

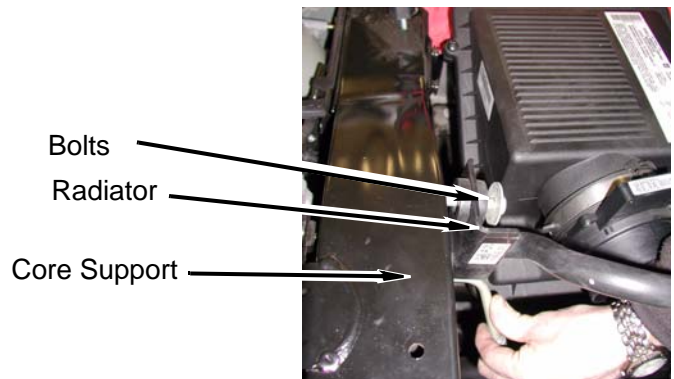


10. Radiator lower fan shroud.

- a. Install fan on fan clutch with four bolts.

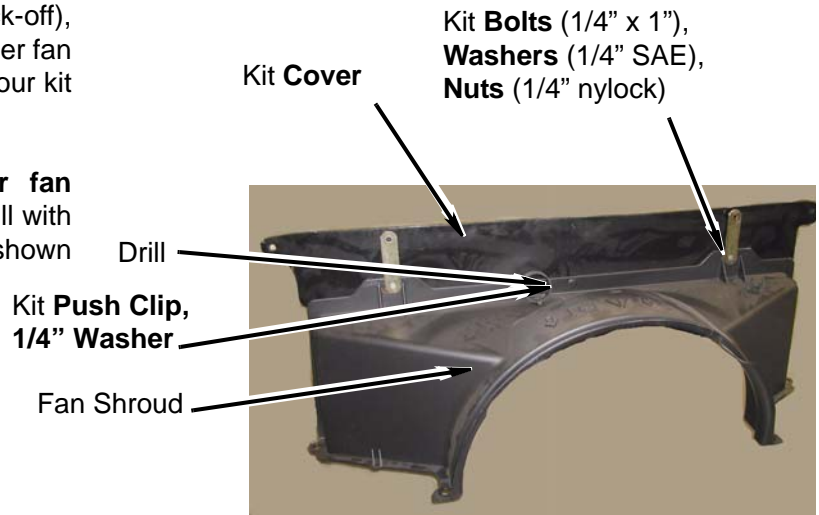


- b. Remove two bolts from radiator and upper core support.

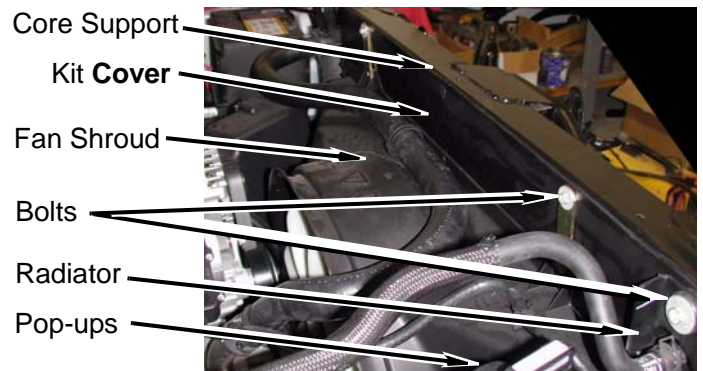


NOTE
 The 8.1L application uses four upper fan shroud brackets. The photo shows the smaller V8 configuration with two brackets. The use of push clips may not be required with the installation of the four upper radiator brackets.

- c. Assemble kit **cover** (upper fan shroud block-off), upper fan shroud, and four kit **bracket** (upper fan shroud) with four kit **washers** (1/4" SAE), four kit **nuts** (1/4" nylock).
- d. Drill upper fan shroud using kit **upper fan shroud block-off cover** as a template. Drill with a 1/4" drill bit and install a kit **push clip** as shown with a kit **1/4" SAE washer**.



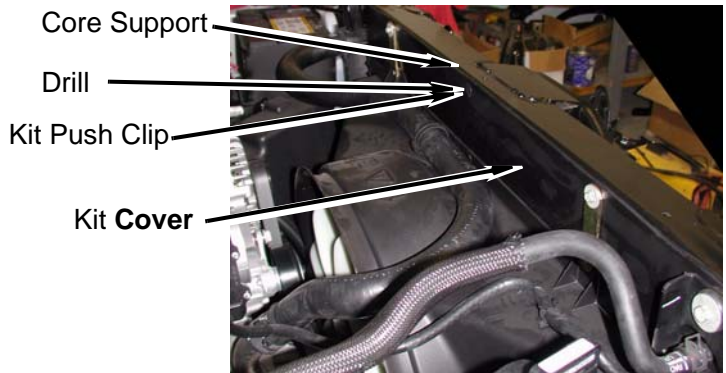
- e. Install upper fan shroud assembly on core support, radiator, and lower fan shroud with four bolts and four pop-ups. Ensure kit **cover** (upper fan shroud block-off) is placed in-between the core support and the radiator.



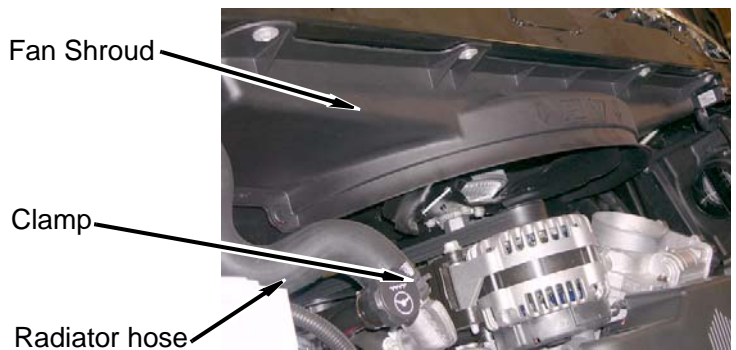
⚠ CAUTION

Ensure that all safety and care precautions are taken when operating power tools.

- f. Using kit **cover** (upper fan shroud block-off) as a template drill a hole in core support with a 1/4" drill bit and install a kit **push clip** as shown.

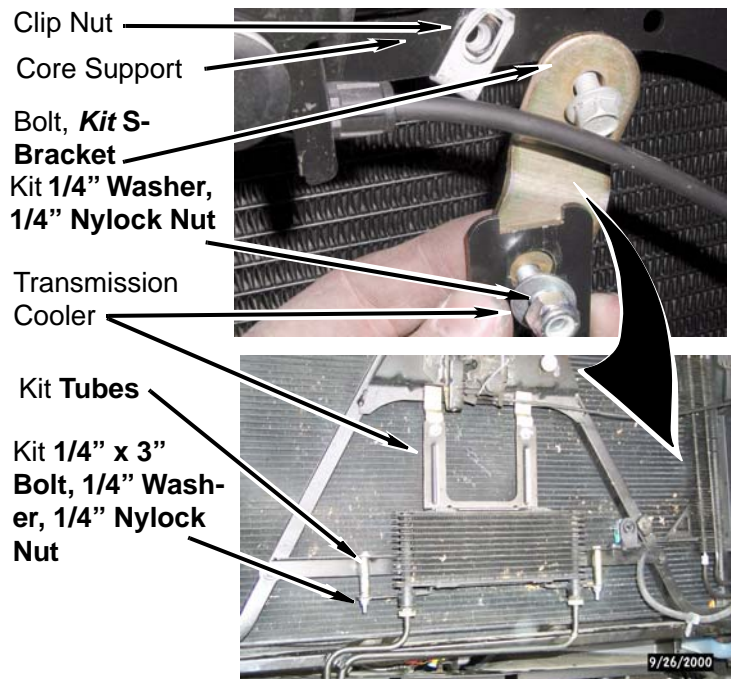


- g. Check fan to fan shroud clearance. Ensure gap is the same all around shroud and tighten bolts and nuts.
- h. Position air duct on air filter housing and throttle body and tighten two clamps.
- i. If necessary rotate upper and lower radiator hoses in two clamps to eliminate binding.

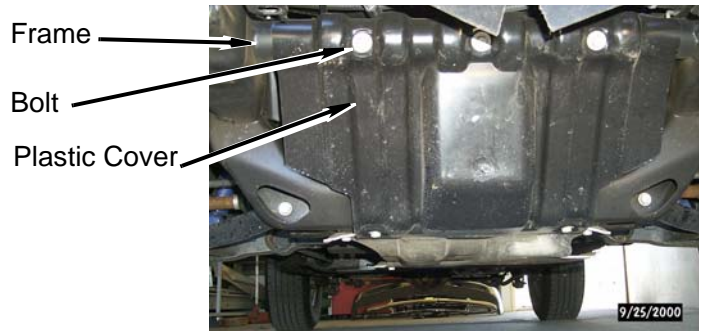


11. Transmission cooler.

- a. Install two clip nuts on hood latch frame.
- b. Install two kit **S-brackets** on hood latch frame with bolts. Do not tighten.
- c. Install transmission cooler on two kit **S-brackets** with two kit **1/4" SAE washers** and kit **1/4" nylock nuts**. Do not tighten.
- d. Install two kit **tubes** with two kit **1/4" x 3" bolts**, four kit **1/4" SAE washers**, and two kit **1/4" nylock nuts**.
- e. Tighten nuts and bolts.



f. Install plastic cover on frame with five bolts.



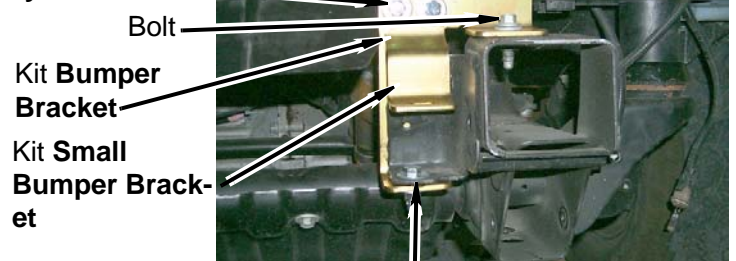
12. Install the front bumper.

a. Coat threads of bolts and nuts with Loctite®.

b. Install two kit **bumper brackets** on frame with two bolts, two kit **7/16" x 1 1/2" bolts**, four kit **7/16" USS washers**, and two kit **7/16" nylock nuts**. Do not tighten.

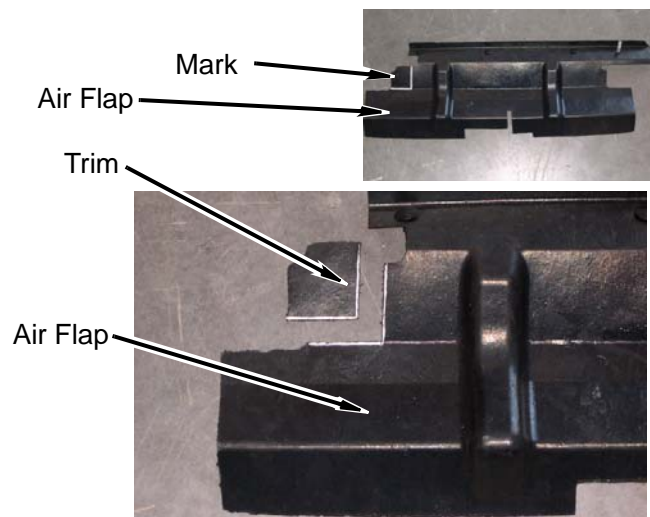
c. Install kit **small bumper brackets** on kit **bumper brackets** with four kit **7/16" x 1 1/2" bolts**, eight kit **7/16" USS washers**, and four kit **7/16" nylock nuts**. Do not tighten.

Kit 7/16" x 1 1/2" Bolts, 7/16" USS Washers, 7/16" Nylock Nuts



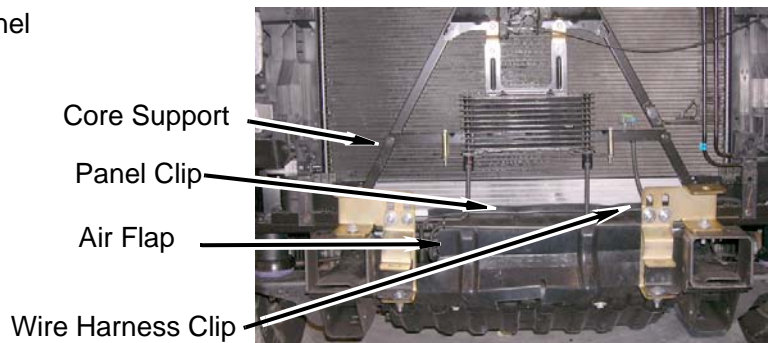
Kit 7/16" x 1 1/2" Bolts, 7/16" USS Washers, 7/16" Nylock Nuts

d. Mark and trim air flap as shown.



e. Install air flap on core support with three panel clips.

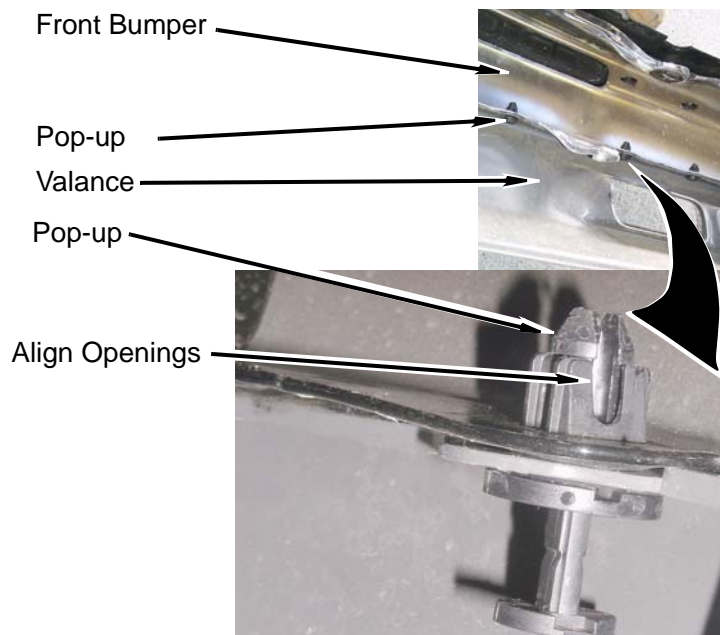
f. Install clip and harness in air flap.



NOTE

When removing or installing pop-ups it is helpful to rotate plunger so that all openings align as shown.

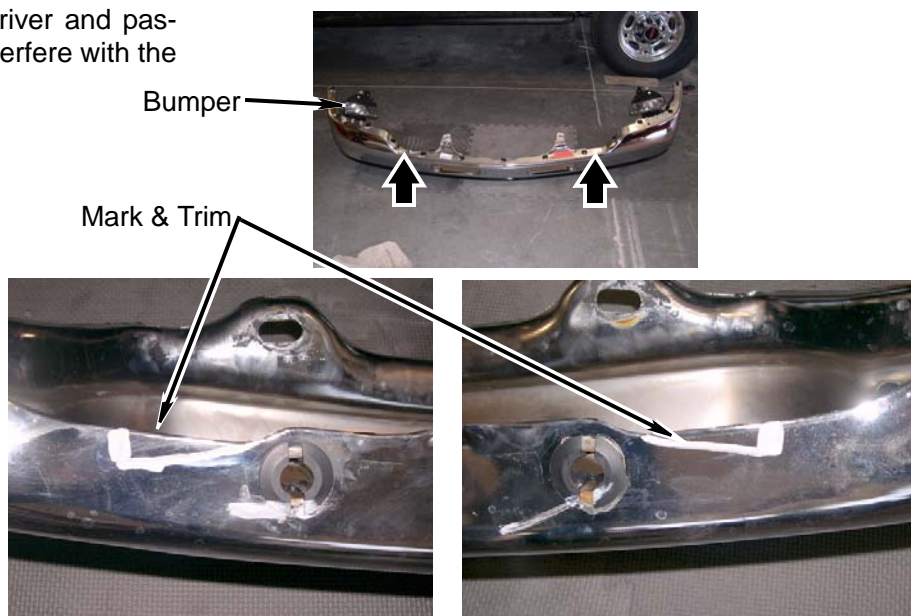
- g. Remove thirteen pop-ups and front bumper valance from front bumper.



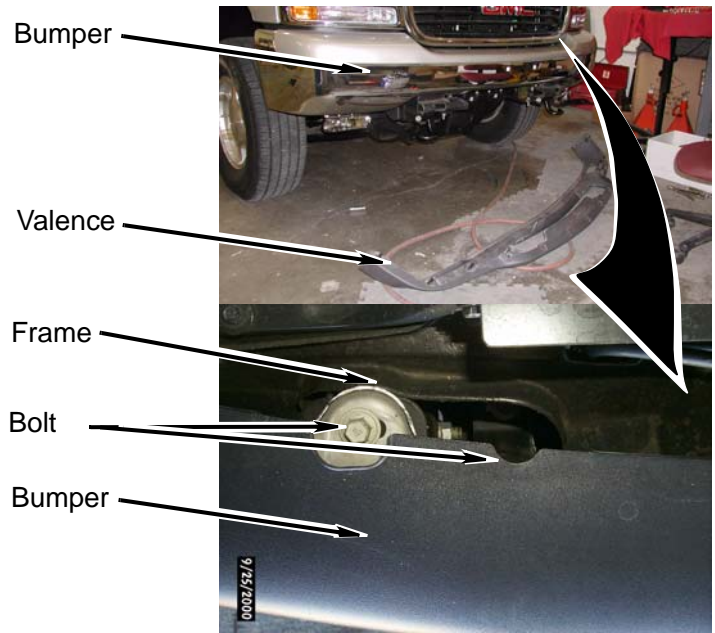
- h. Position front bumper on two kit **bumper brackets** and two front frame horns.



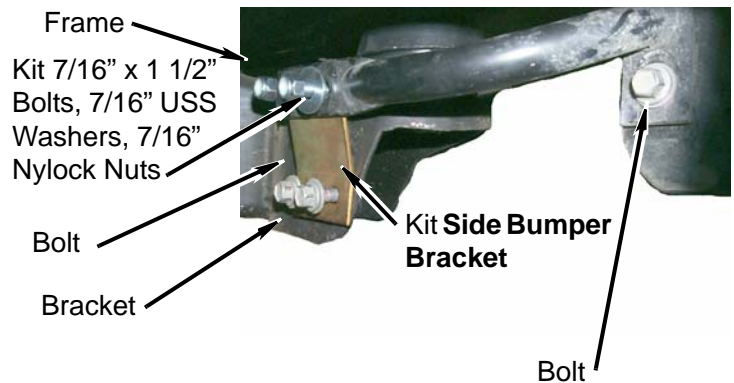
- i. Mark and trim front bumper on driver and passenger side where frame horns interfere with the bottom of front bumper as shown.



- j. Install front bumper on two kit **bumper brackets** and two kit **small bumper brackets** with four kit **7/16" x 1 1/2" bolts**, eight kit **7/16" USS washers**, and four kit **7/16" nylock nuts**. Do not tighten.



- k. Install two kit **side bumper brackets** on frame with four bolts. Do not tighten.
- l. Position four kit **7/16" x 1 1/2" bolts** and kit **7/16" USS washers** in top holes on kit **side bumper brackets** as shown. Position bracket over bolts and install four kit **7/16" USS washers** and kit **7/16" nylock nuts**. Do not tighten.
- m. Install two brackets on front bumper with two bolts.
- n. Tighten nuts and bolts. Check measurements between front bumper and front fenders. Adjust bumper to body clearance and tighten bolts and nuts to 55 lb-ft.

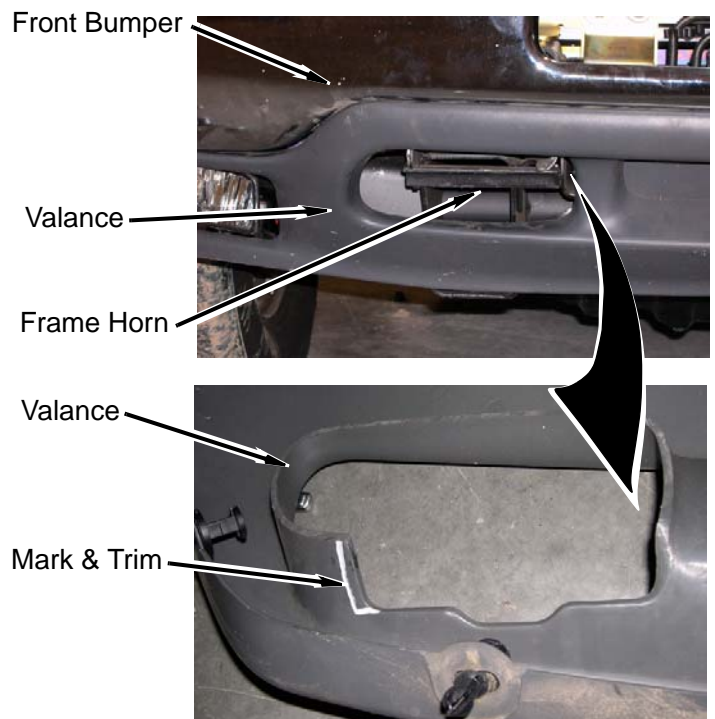


13. Install front bumper valance.

- a. Position front bumper valance on front bumper as shown.

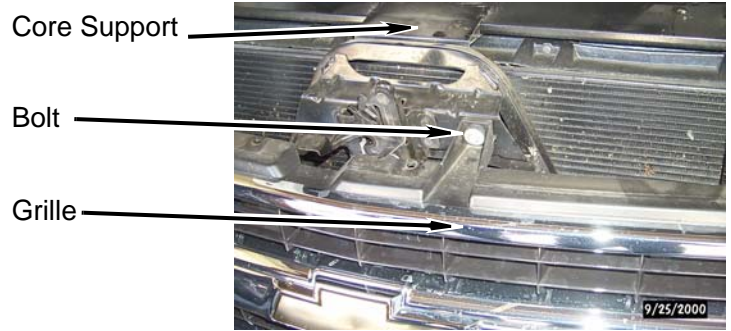
NOTE
It is helpful when installing front bumper valance to first install the pop-ups located over the frame horns.

- b. Mark and trim valance where interference occurs with frame horns as shown.
- c. Install front bumper valance on front bumper with pop-ups.

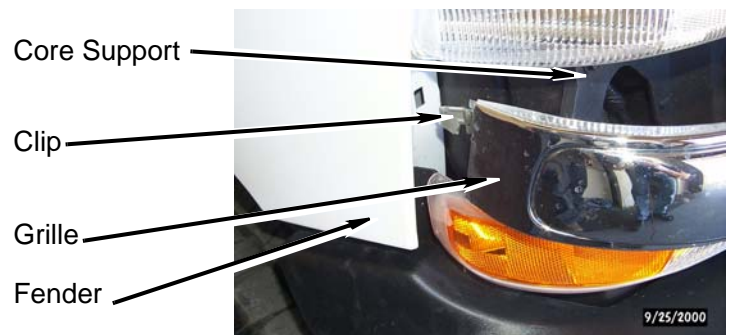
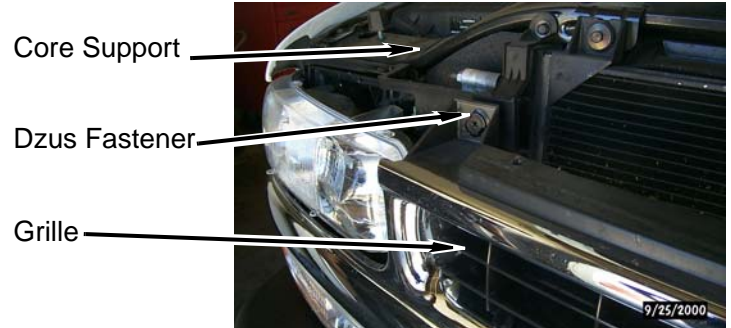


14. Install the grille.

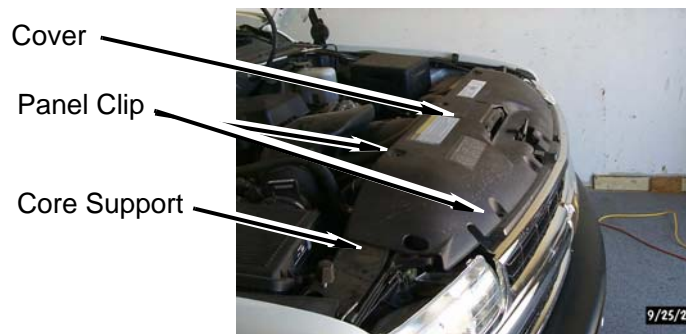
- a. Position grille on core support and install two clips in front fenders.



- b. Tighten four phillips head/dzus fasteners and install bolt with captive washer.



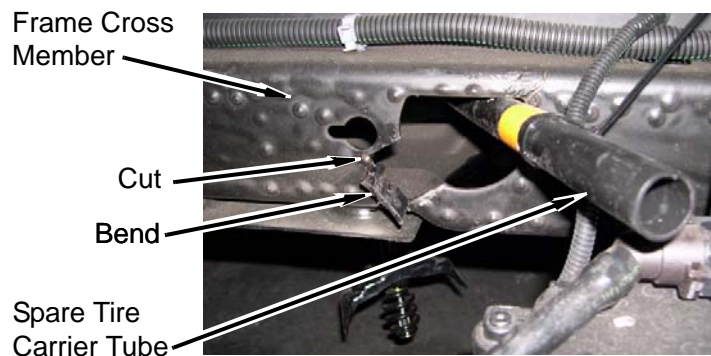
- c. Install cover on core support with seven panel clips.



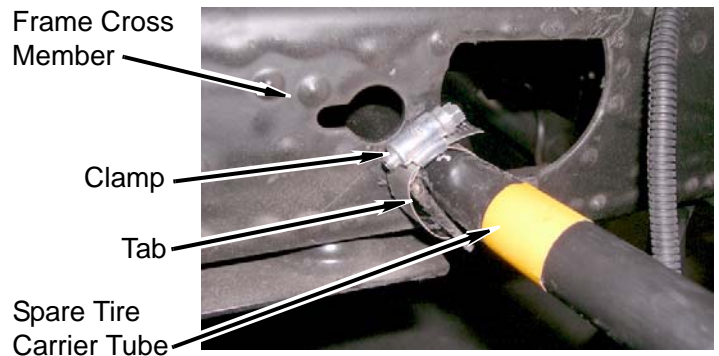
⚠WARNING
 The following procedure is intended only to enhance the appearance of the vehicle. The rear bumper will no longer be rated for towing of any kind. Towing with the rear bumper after it has been lifted can result in death, serious personal injury, or damage to the vehicle. Towing after the bumper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

15. Install spare tire access tube.

- a. Mark and trim frame cross member as shown for the spare tire carrier.

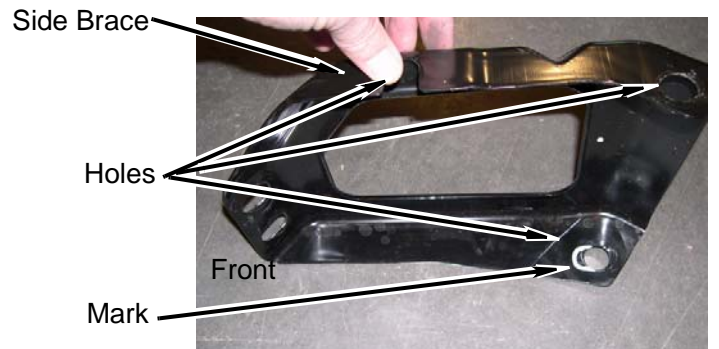


- b. Bend frame cross member tab as shown.
- c. Install spare tire carrier access tube on bent tab with kit **clamp**.

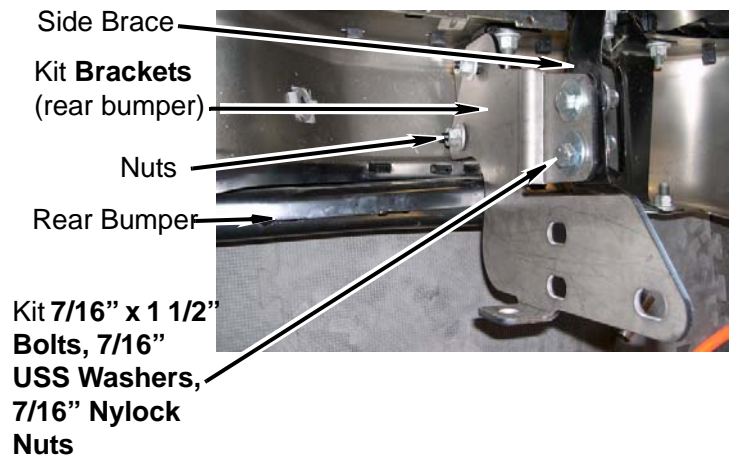


16. Install the rear bumper

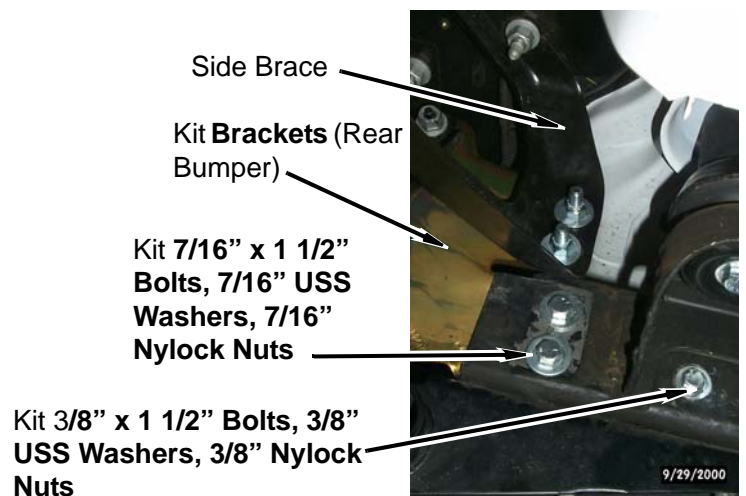
- a. Remove six nuts and two side braces from rear bumper.
- b. Elongate three holes toward front of side braces that attach side brace to rear bumper as shown.
- c. Install two side braces on rear bumper with six nuts.



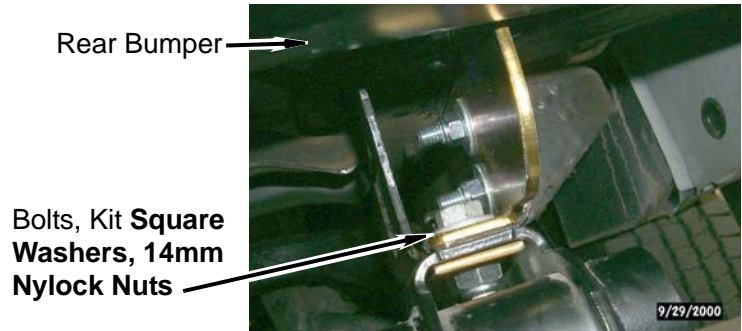
- d. Install two side braces and two kit **brackets** (rear bumper) on rear bumper with four nuts and four kit **7/16" x 1 1/2" bolts**, eight kit **7/16" USS washers**, and four kit **7/16" nylock nuts**. Do not tighten.



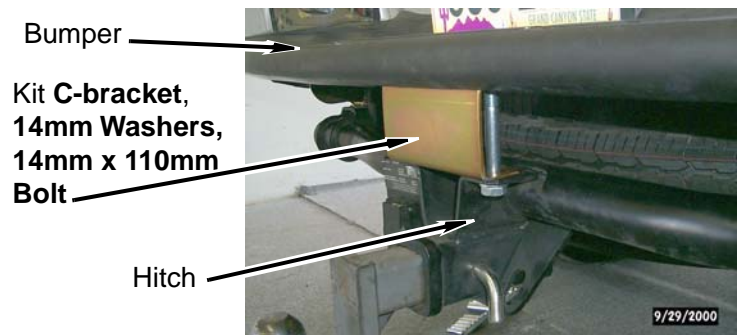
- e. Coat threads of bolts and nuts with Loctite®.
- f. Position two kit **brackets** (rear bumper) in frame rails and install four kit **7/16 x 1 1/2" bolts**, eight kit **7/16" USS washers**, four kit **7/16" nylock nuts**, two kit **3/8" x 1 1/2" bolts**, four kit **3/8" USS washers**, and two kit **3/8" nylock nuts**. Do not tighten.



- g. If equipped with a trailer hitch, install hitch on frame with four bolts, two kit **washers**, and two kit **14mm nylock nuts**.



- h. Install kit **C-bracket** on rear bumper and hitch with two kit **14mm washers** and kit **14mm x 110mm bolts**.



- i. Adjust bumper to body clearance and tighten bolts and nuts to 55 lb-ft.
- j. Connect two license plate lights in rear bumper.



E. After installation is complete.

1. Install airbag fuse in fuse panel. Install cover.



Fuse Cover

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

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

Fuse Panel

4. Double check the vehicle.

⚠CAUTION

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.

Battery

Negative Cable

Positive Cable



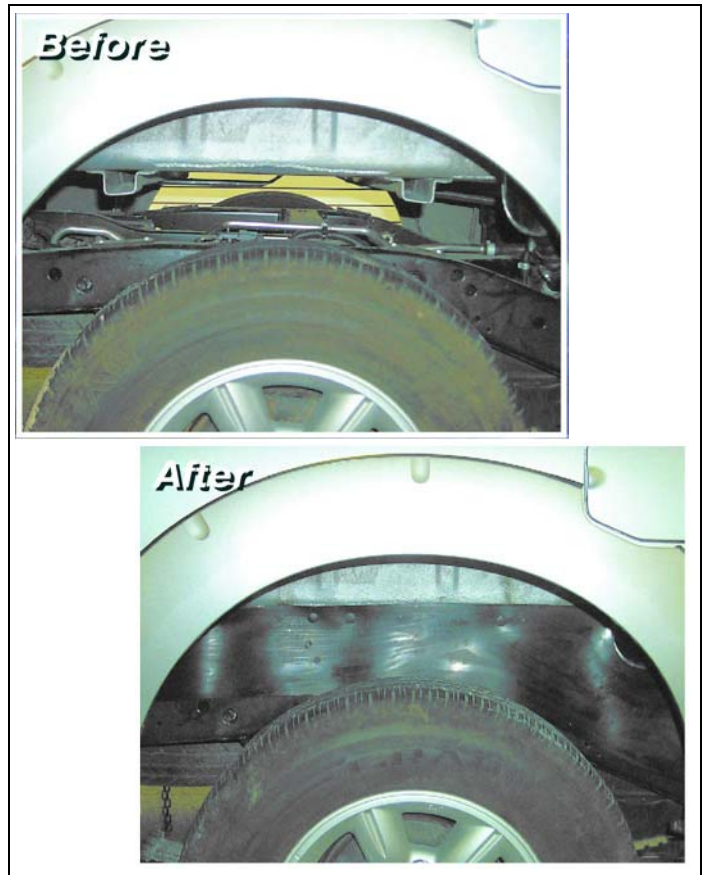
⚠CAUTION

Never open a closed cooling system after the vehicle has been started. Only fill the cooling system if the cap has been removed while the vehicle was still cold.

- 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.

Accessories

Kit# 6544 Gap Guards



⚠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. Reference 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 with 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 his 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.

E. Kit Parts List.

Quantity	Description
12	Blocks, lift 3 x 3
11	Bolt, 1/4" x 1"
2	Bolt, 1/4" x 3"
12	Bolt, 12mm x 1.75 x 180mm
2	Bolt, 14mm x 2.00 x 110mm
2	Bolt, 3/8" x 1 1/2"
1	Bolt, 3/8" x 1 3/4" Hex Head
3	Bolt, 5/16" x 1"
24	Bolt, 7/16" x 1 1/2"
2	Bracket, 2" S-shaped
1	Bracket, 3" Ground Strap
4	Bracket, 3" Upper Fan Shroud
1	Bracket, Front Bumper - Left
1	Bracket, Front Bumper - Right
2	Bracket, Front L-shaped Inner Bumper
2	Bracket, Outer Front Bumper
1	Bracket, Parking Brake
1	Bracket, Rear Bumper - Left
1	Bracket, Rear Bumper - Right
1	Bracket, Rear Hitch
1	Clamp, Hose - #10
3	Clamp, Hose - #20
2	Clamp, Rubber Clad Loom
5	Clip, Push
1	Extension, Steering
1	Guard, Radiator Gap - Upper
1	Hose, 1 1/8" I.D. x 4" Fuel Filler
1	Label, Logo
1	Label, Warning
1	Loctite, 6ml Bottle
18	Nut, 1/4" Nylock
2	Nut, 14mm Nylock
3	Nut, 3/8" Nylock
3	Nut, 5/16" Nylock
26	Nut, 7/16" Nylock
1	Plate, Radiator Lower Block Off - Center
1	Plate, Radiator Lower Block Off - Left
1	Plate, Radiator Lower Block Off - Right
3	Tie, Zip
2	Tube, 2" Long
2	Washer, 1 1/2" x 2 1/2" Rectangular
2	Washer, 1/2" Thick
28	Washer, 1/4" SAE
2	Washer, 14mm USS
2	Washer, 3/8" SAE
4	Washer, 3/8" USS
6	Washer, 5/16" USS
48	Washer, 7/16" USS



Outer front bumper bracket



Rear bumper bracket



Fan shroud bracket



Parking brake bracket



Hitch bracket