

## 2000-02 DODGE RAM 2500/3500 DIESEL (Except Sport) INSTALLATION INSTRUCTIONS 3" BODY LIFT KIT # 60133

### ⚠ WARNING

Installation of a Performance Accessories body lift kit will change the center of gravity and the handling characteristics of the vehicle. Because of the higher center of gravity and larger tires, the vehicle will handle and react differently both on and off road. You must drive it 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

Read and understand all instructions, warnings, cautions, and notes in this sheet and in the owner's manual before you begin the installation of this body lift kit.

### ⚠ CAUTION

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

### ⚠ NOTE

You need the following special tools to install this kit:

- access to a welder or shop to perform welding
- die grinder or similar tool for cutting metal
- 36mm open-end wrench and possibly a spanner wrench.

### ⚠ WARNING

This body lift kit should only be installed on vehicles in good working condition. Before installation, the vehicle should be thoroughly inspected for evidence of corrosion or deformation of the sheet metal around the factory body mounts. This body lift kit should not be installed on any vehicle that is suspected to have been in a collision or misused. Off road use of your vehicle with this body lift kit installed may increase the stress applied to the factory body mounts. We do not recommend that any vehicle with a body lift 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 now have laws restricting bumper heights and vehicle lifts. Local laws should be consulted to determine if the changes you intend to make to your vehicle comply with state laws. Before combining a body lift with a suspension lift, consult an installation professional to see how this will affect your specific application.

### ⚠ WARNING

The installation of larger wheel and tire combinations may reduce the effectiveness of the Anti-lock Braking System.

### ⚠ WARNING

Always wear eye protection when operating power tools.

### ⚠ WARNING

Ensure that your vehicle tires are properly blocked and secured before you begin installation of this lift kit.

### ⚠ WARNING

Accidental deployment of the air bag can result in serious personal injury or death. To avoid accidental deployment during installation of the lift 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 kit installation, the SRS must be reactivated before driving the vehicle.

### ⚠ NOTE

Performance Accessories recommends using the Loctite® supplied in the kit on all metal fasteners unless specified in the instructions.

# Before Starting Installation

## ⚠ NOTE

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

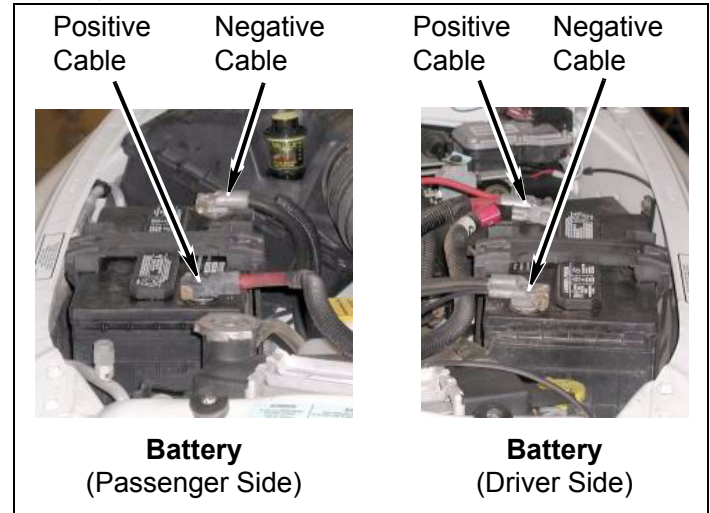
## ⚠ NOTE

You will find it easier to keep track of hardware if immediately after removal you put the fasteners for each subassembly in a paper lunch bag and write on the bag where they go.

1. Special tools needed
  - a. Welder or access to a professional welding shop.
  - b. Die grinder or similar tool capable of cutting metal.
  - c. 36mm open-end wrench and possibly a spanner wrench to remove the engine cooling fan.
2. Read all warnings and instructions completely and carefully before you begin.
3. Check to make sure the kit is complete (refer to **Parts List** at end of instructions).
4. Only install this kit on the vehicle for which it is intended. During installation, if you encounter something different from what is outlined in the instructions, call technical support at (928) 636-7080.
5. Park the vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.

## A. Engine Compartment

1. Disconnect cables from both batteries. Disconnect negative cables first, then positive cables.



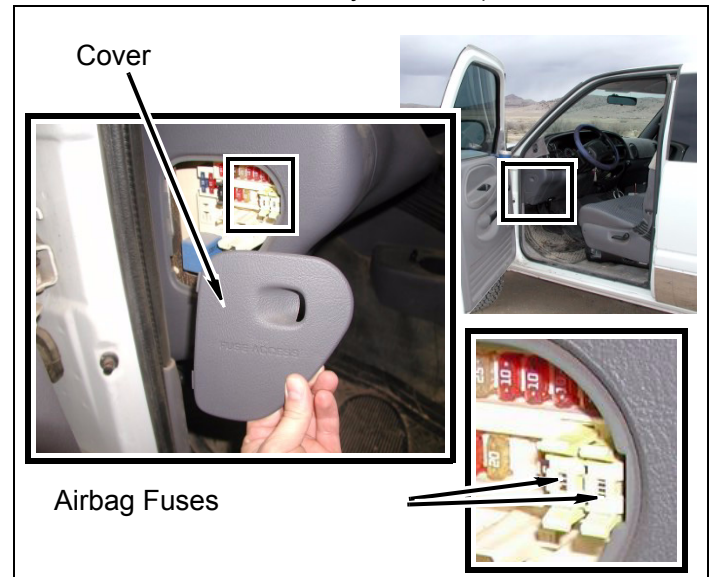
## B. Inside Cab

1. Airbag fuses.

## ⚠ NOTE

The location of the airbag fuses may vary; check the owner's manual.

- a. Remove fuse cover from dash.
- b. Pull two airbag fuses out of their sockets (the fuses cannot be fully removed).



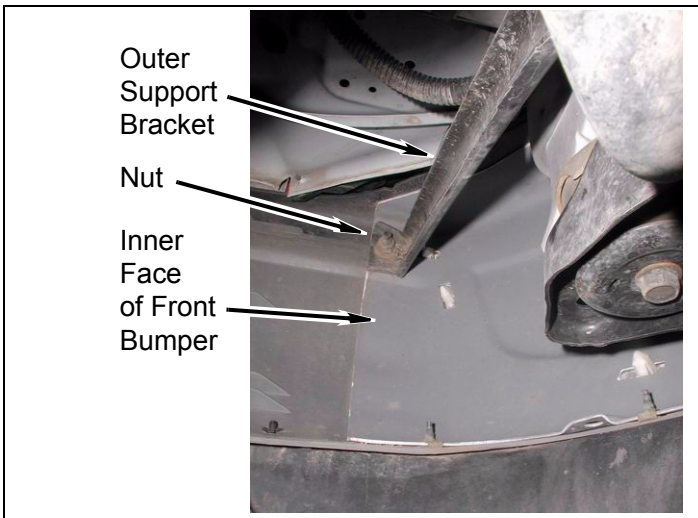
# Prepare to Install Kit

## A. Front of Vehicle

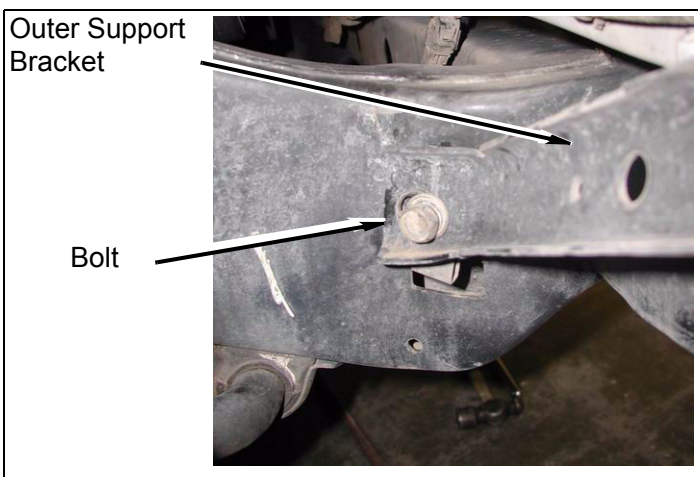
1. Measure and record distance between front bumper and fenders.

Driver Side \_\_\_\_\_ Passenger Side \_\_\_\_\_

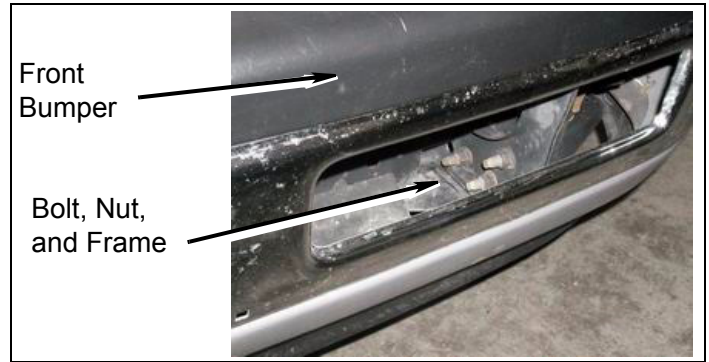
2. Wire harnesses.
  - a. **Vehicles with fog lights:** Disconnect wire harness connector from each fog light.
  - b. Remove any wire harness clips that are attached to bumper.
3. Front bumper.
  - a. Remove two nuts from two outer support brackets and bumper.



- b. Remove two bolts and two outer support brackets from frame.

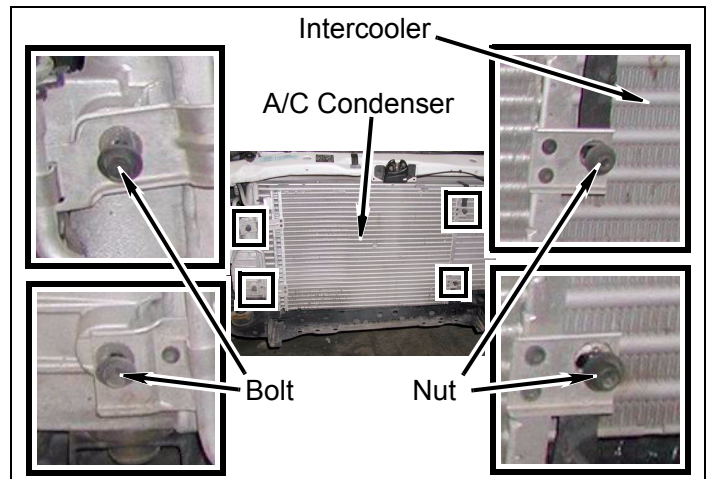


- c. Remove six nuts, bolts, and front bumper from frame.

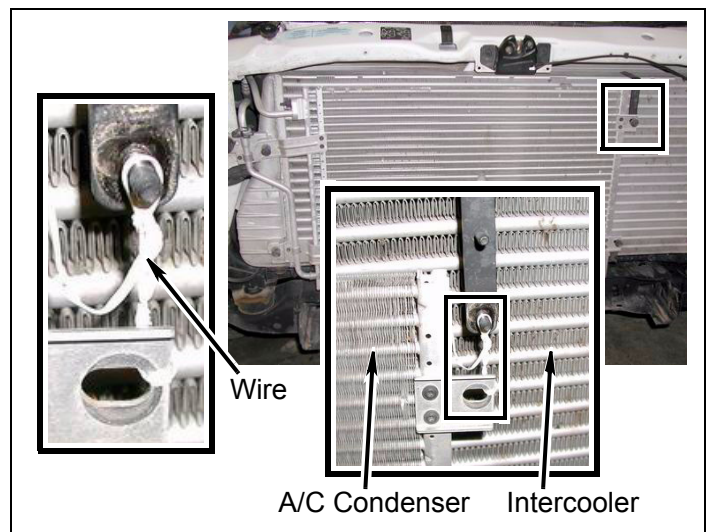


4. **Vehicles with A/C:** A/C condenser.

- a. Remove two bolts, two nuts, and A/C condenser from intercooler.



- b. Support driver side of A/C condenser with a piece of wire.



## B. Engine Compartment

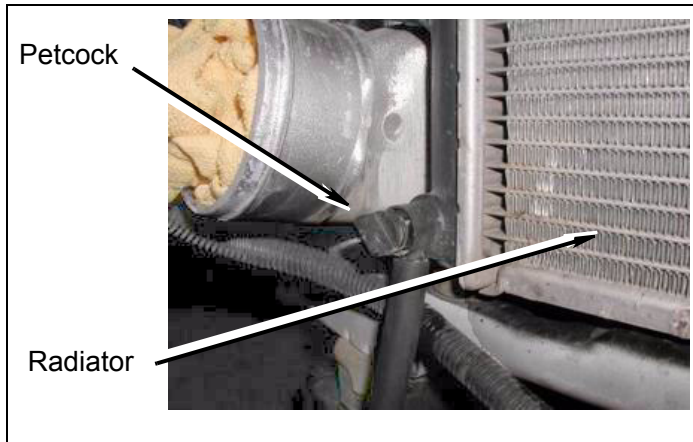
### ⚠ WARNING

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 loosening the radiator cap.

### ⚠ NOTE

It may be helpful to cover the frontal area of the radiator to protect cooling fins from damage.

1. Cooling system.
  - a. Let engine cool and remove radiator cap.
  - b. Open petcock on driver side of radiator and allow coolant to drain into a clean container.



2. Steering shaft.

### ⚠ WARNING

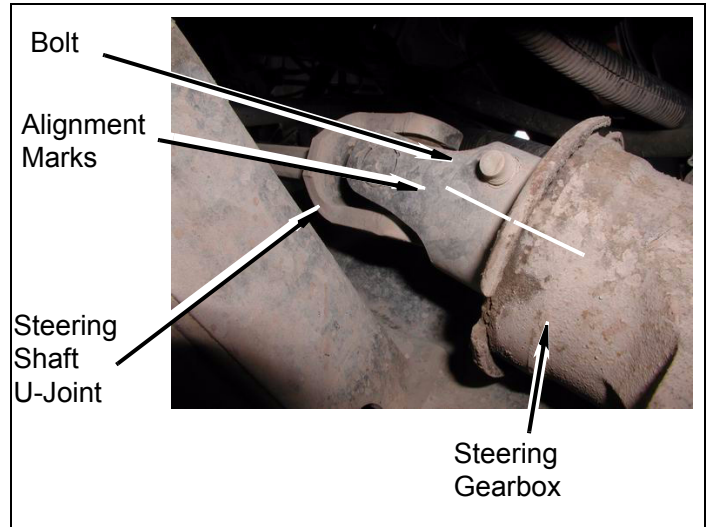
Accidental deployment of the air bag can result in serious personal injury or death. To avoid accidental deployment during installation of the lift kit, the Supplemental Restraint System (SRS, or airbag) must remain deactivated. Do not allow anyone near the airbag during installation. Refer to the factory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

- a. Strap steering wheel to prevent accidental movement.

- b. Mark steering shaft U-joint in relation to steering gearbox as shown.

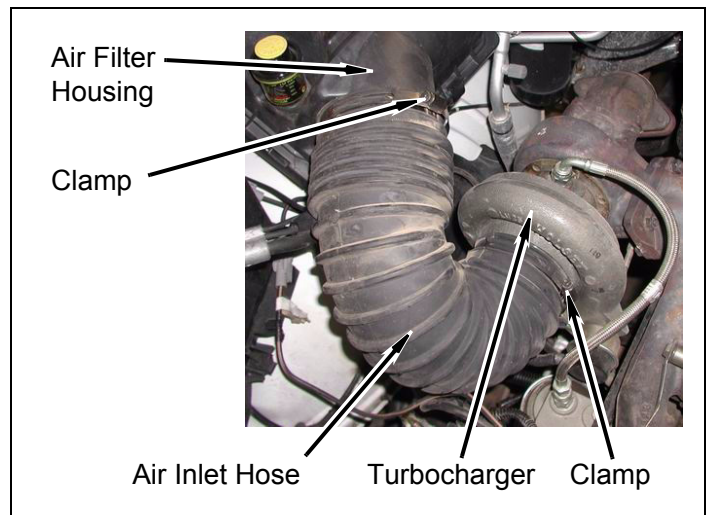


- c. Remove bolt from steering shaft U-joint and steering gearbox.
  - d. Separate U-joint from steering gearbox.
3. Air filter housing.

### ⚠ CAUTION

The turbocharger inlet should be covered or plugged to prevent foreign objects from entering the inlet and damaging the turbocharger.

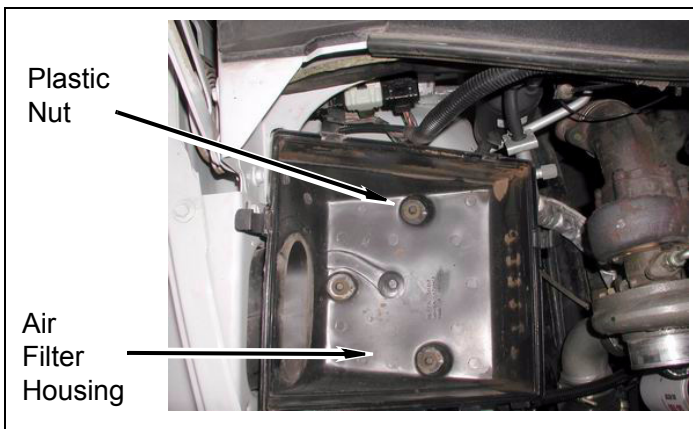
- a. Remove two clamps and air inlet hose from air filter housing and turbocharger.



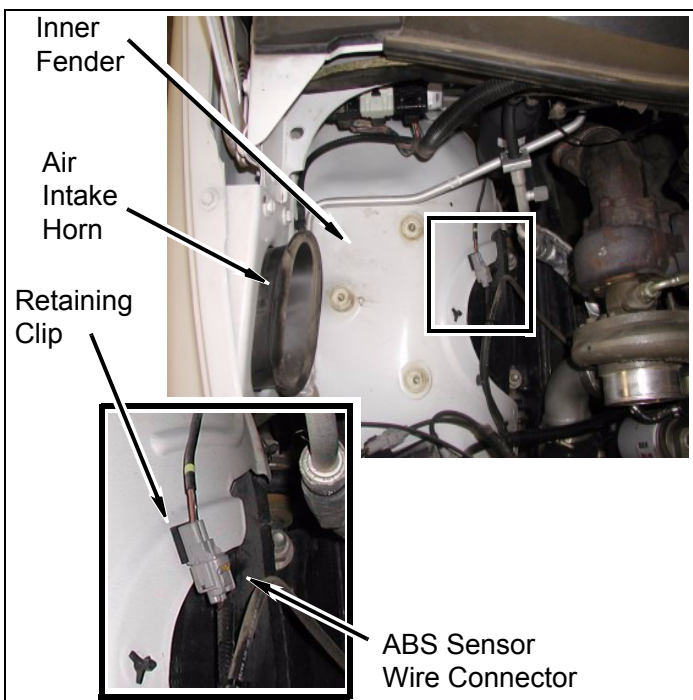
- b. Remove two clips, cover, and air filter from air filter housing.



- c. Remove three plastic nuts and air filter housing from vehicle.



- d. Remove air intake horn and ABS sensor wire connector from retaining clip on inner fender.



4. Remove four clamps and two heater hoses from engine and heater core. The hoses and clamps will not be reused.

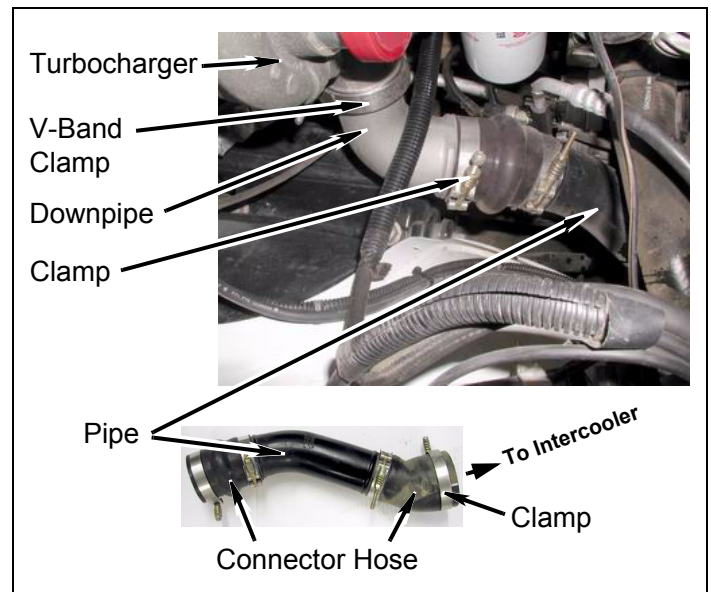


5. Turbocharger-to-intercooler pipe.

**CAUTION**

The intercooler inlet should be covered or plugged to prevent foreign objects from entering the inlet and causing damage.

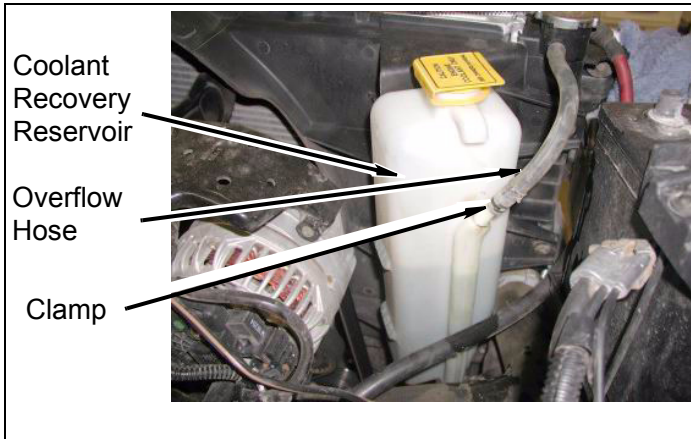
- a. Loosen V-band clamp on turbocharger downpipe.



- b. Remove four clamps and turbocharger-to-intercooler pipe from vehicle.

6. Coolant recovery reservoir.

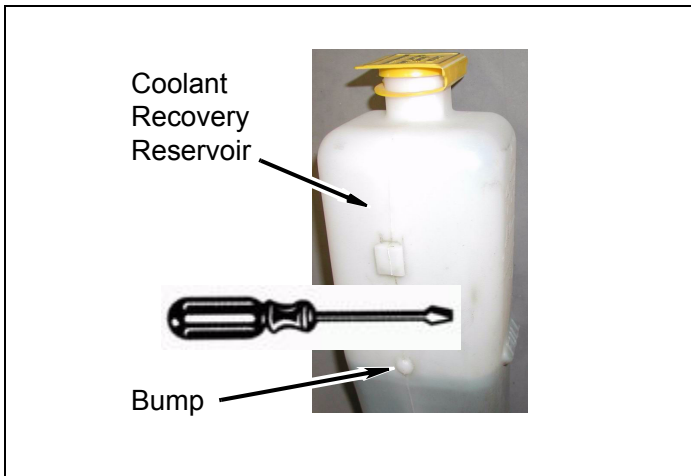
- a. Remove clamp and overflow hose from coolant recovery reservoir.



**⚠ NOTE**

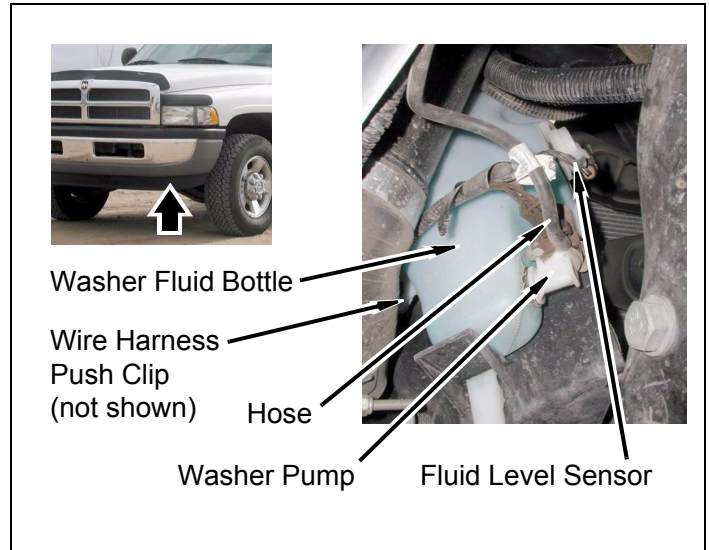
Insert a screwdriver or similar tool between coolant recovery bottle and fan shroud, just above bump, to allow removal of the coolant recovery bottle from fan shroud.

- b. Slide coolant recovery reservoir up and remove from fan shroud.



7. Washer fluid bottle.

- a. Remove hose from washer pump. Cap the washer pump nipple.



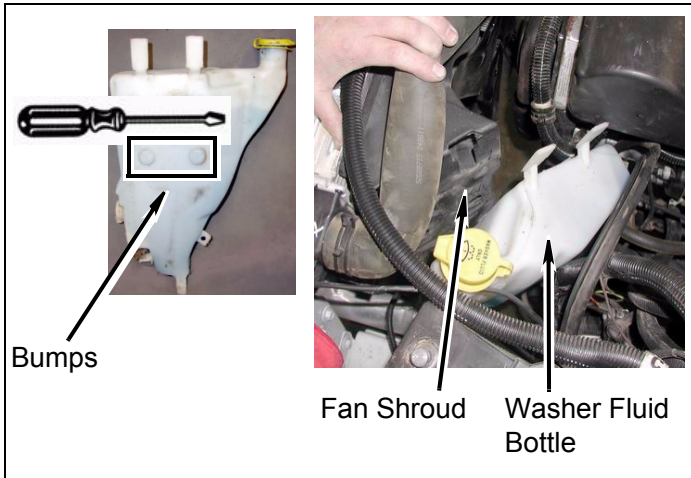
- b. Remove wire connector from washer pump and fluid level sensor.
- c. Remove wire harness push clip from washer fluid bottle.
- d. Remove clamp and upper radiator hose from radiator.



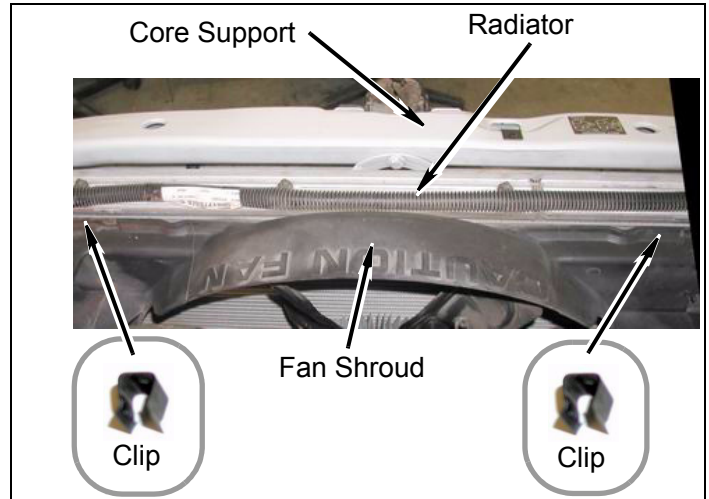
**⚠ NOTE**

Insert a screwdriver or similar tool between washer fluid bottle and fan shroud, just above bump, to allow removal of the washer fluid bottle from fan shroud.

e. Slide washer fluid bottle up and remove from fan shroud.



b. Remove two clips from top of fan shroud and radiator.



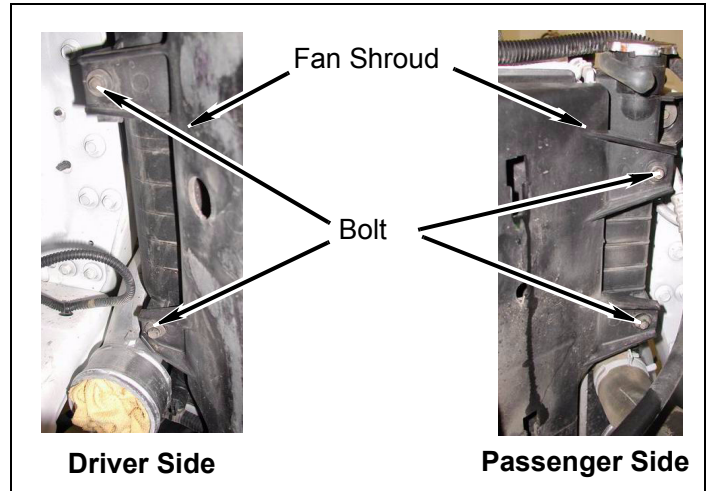
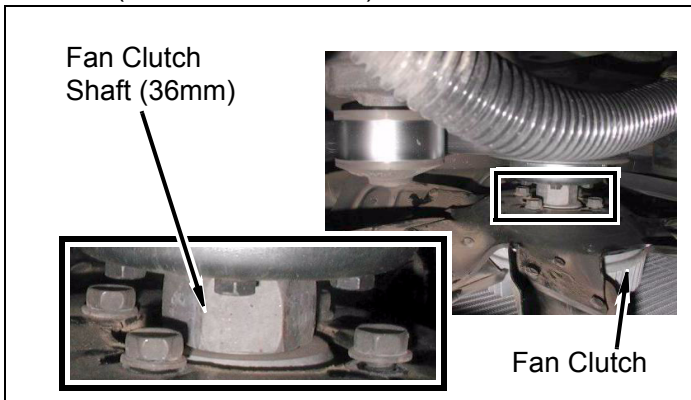
**⚠ NOTE**

Removal of the fan requires special tools: a 36mm open-end wrench and a spanner wrench.

c. Remove four bolts and fan shroud from radiator.

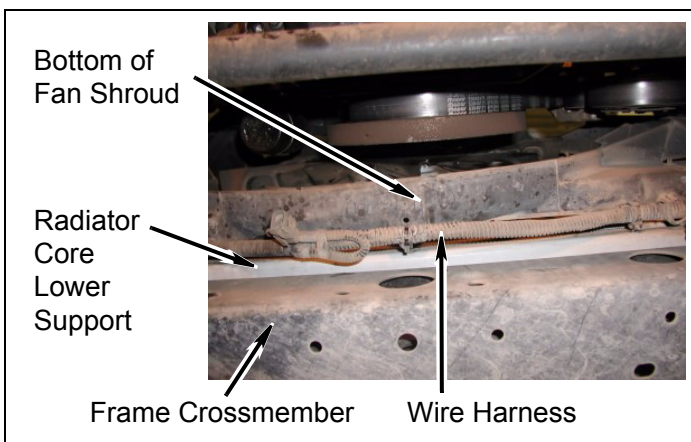
d. Remove fan shroud from vehicle.

8. Using a 36mm wrench, turn fan clutch shaft clockwise (left-handed threads) to remove.



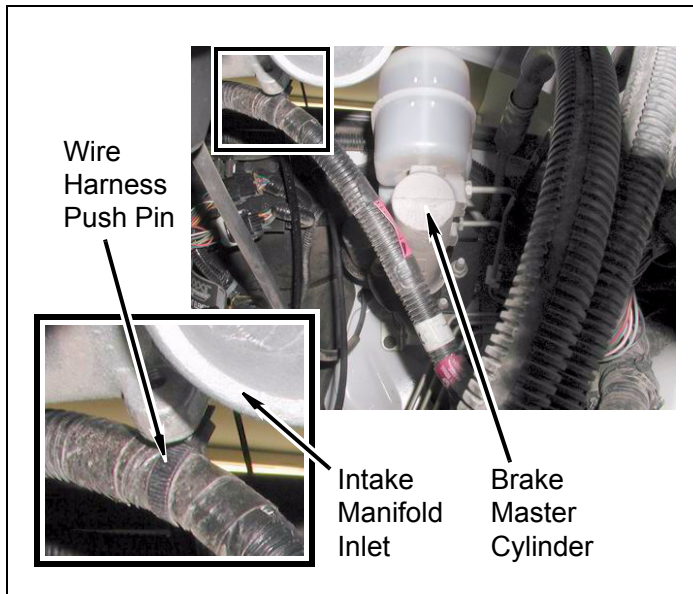
9. Fan shroud.

a. Remove wire harness push clips from bottom of fan shroud and lower radiator core support.

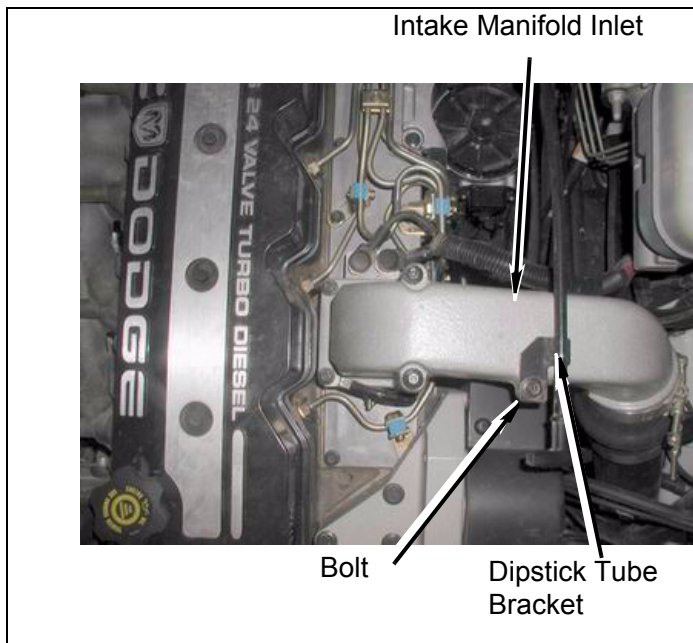


10. Intake manifold inlet.

- a. Remove wire harness push pin from intake manifold inlet.



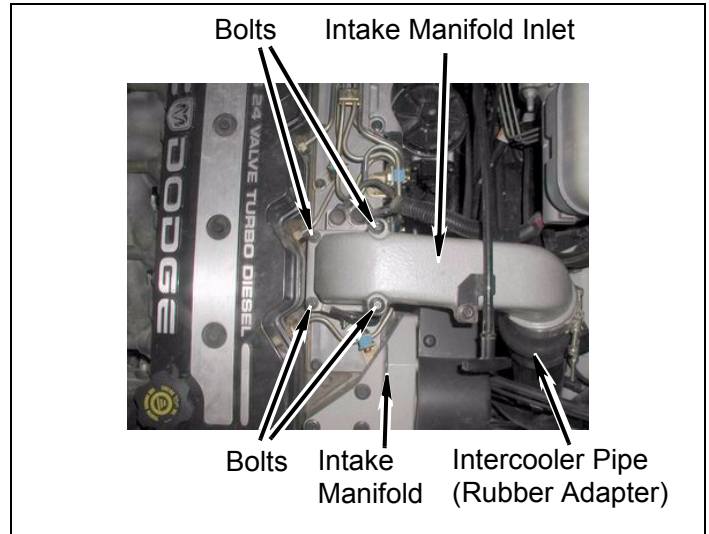
- b. Remove bolt and engine oil dipstick tube bracket from intake manifold inlet.



**CAUTION**  
The opening in the intake manifold should be covered or plugged to prevent foreign objects from entering the engine and causing damage.

- c. Loosen hose clamp from intercooler pipe (rubber adapter) to intake manifold inlet.
- d. Remove four bolts and intake manifold inlet from intake manifold.

- e. Remove intake manifold inlet from intercooler pipe (rubber adapter).

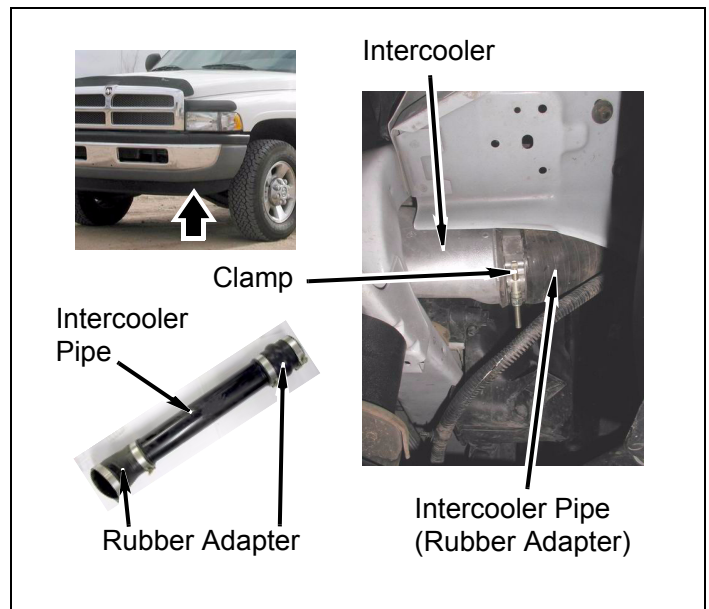


11. Intercooler-to-intake manifold inlet pipe.

**CAUTION**

The intercooler inlet should be covered or plugged to prevent foreign objects from entering the inlet and causing damage.

- a. Loosen hose clamp from intercooler pipe (rubber adapter) to intercooler.

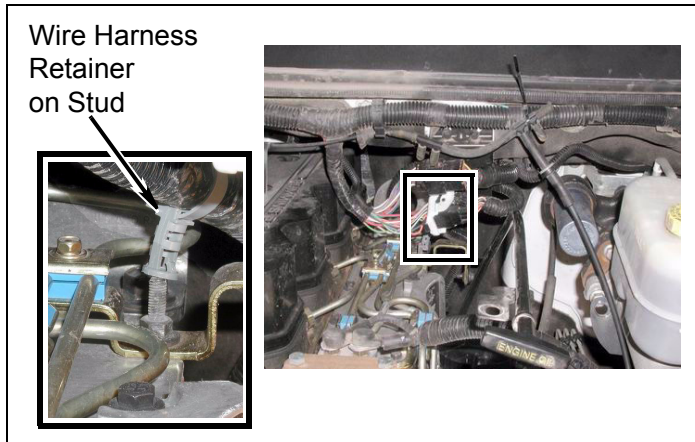


- b. Remove intercooler pipe from intercooler and vehicle.
- c. Cover or plug opening of intercooler.

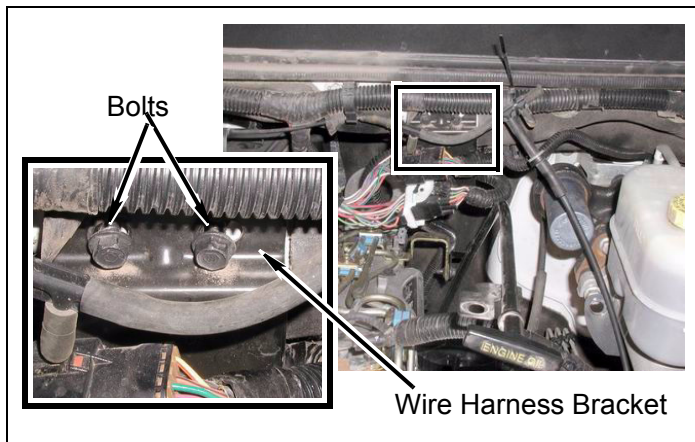


12. Wire harness.

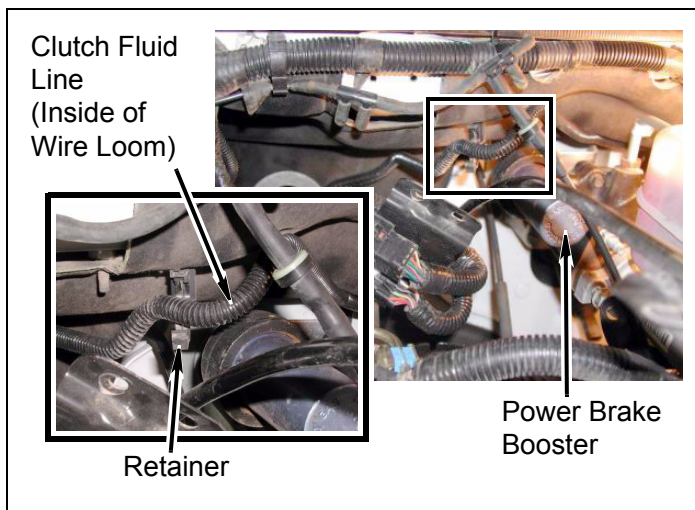
- a. Remove wire harness retainer from stud.



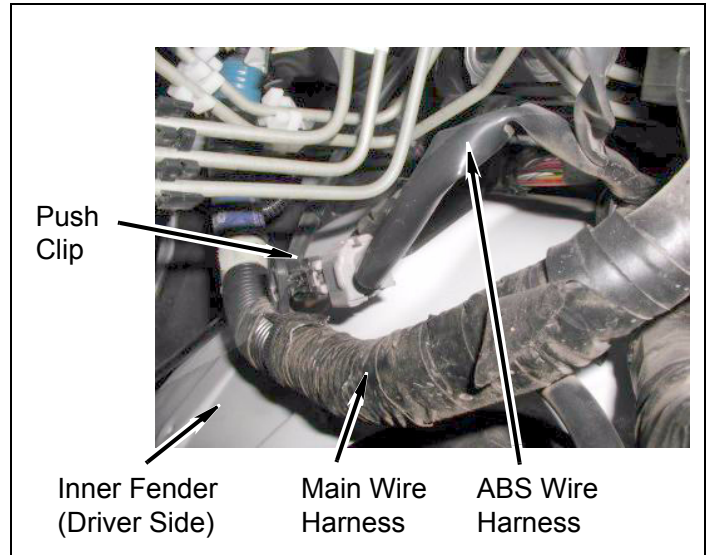
- b. Remove two bolts and lower wire harness bracket away from firewall.



- c. **Manual transmission:** Remove clutch hydraulic line from retainer at firewall.

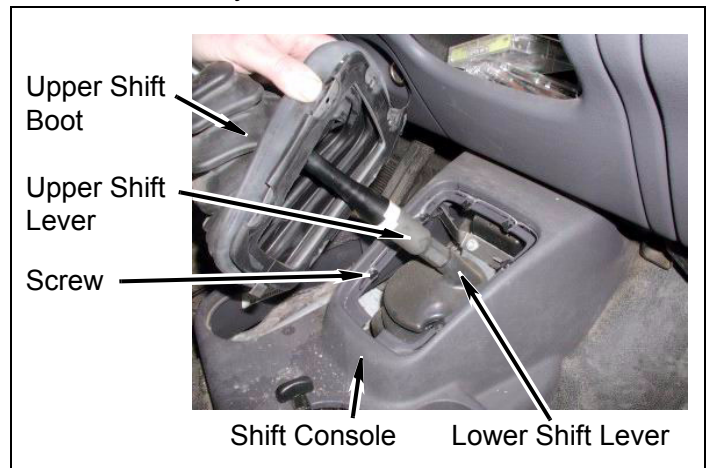


- d. Separate ABS wire harness push clip from main wire harness retainer on driver side inner fender.



**C. Interior**

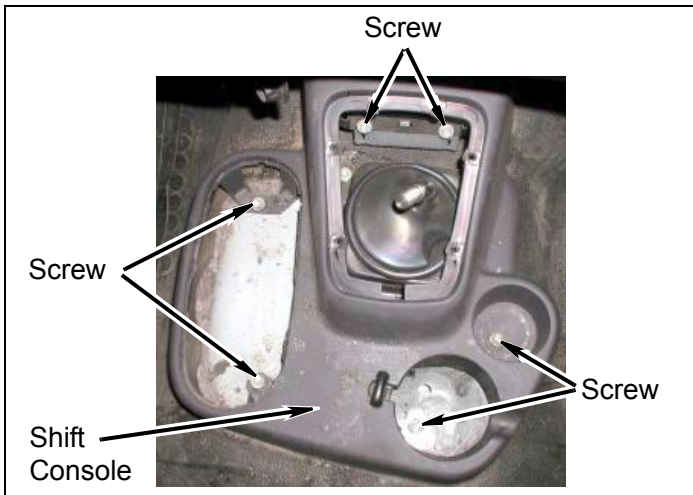
- 1. **Manual transmission:** Remove six screws and upper shift boot from shift console. Lift upper shift boot out of way.



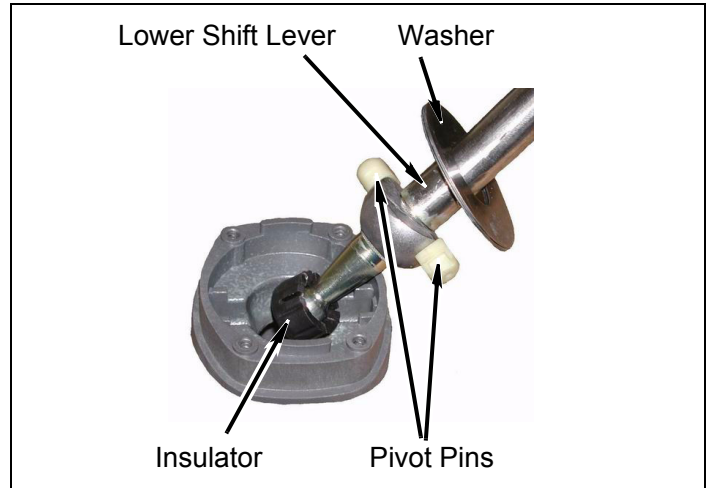
- 2. Upper shift lever.
  - a. Remove upper shift lever from lower shift lever.
  - b. Remove upper shift lever and upper boot from vehicle.

3. Shift console.

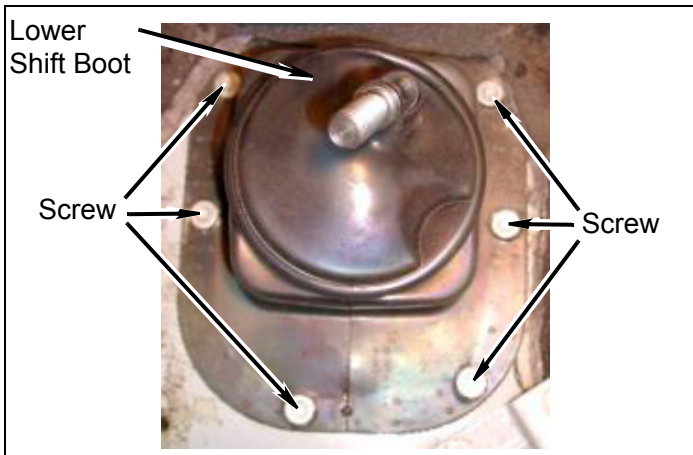
- a. Remove six screws and shift console from cab floor.



- b. Remove washer, lower shift lever, pivot pins, and insulator from shift tower.



4. Remove six screws and lower shift boot from cab floor.

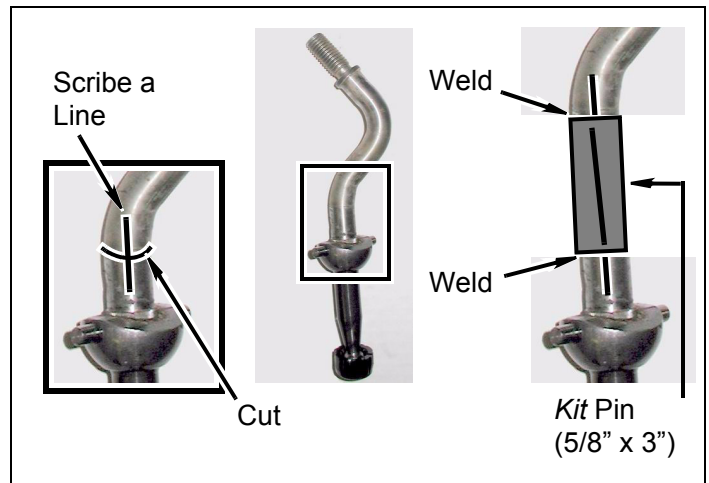


6. Manual transmission shift lever.

**⚠ WARNING**

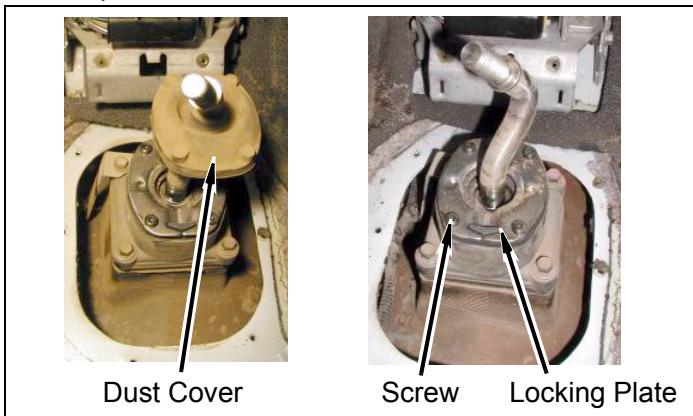
A certified welder should perform all welding.

- Scribe a line along side of transmission shift lever below bend.
- Scribe a line on kit **extension** (shift, 5/8" x 3") as shown.
- Cut lower shift lever in half through line as indicated in picture.



5. Lower shift lever.

- a. Remove dust cover, four screws and locking plate from shift tower.



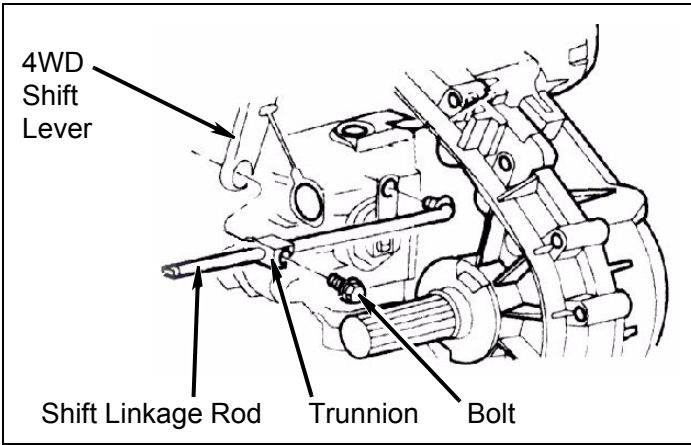
- Position kit **extension** (shift, 5/8" x 3") between pieces, ensure scribed lines are aligned.
- Weld kit **extension** (shift, 5/8" x 3") in place.

**D. Underside of Vehicle**

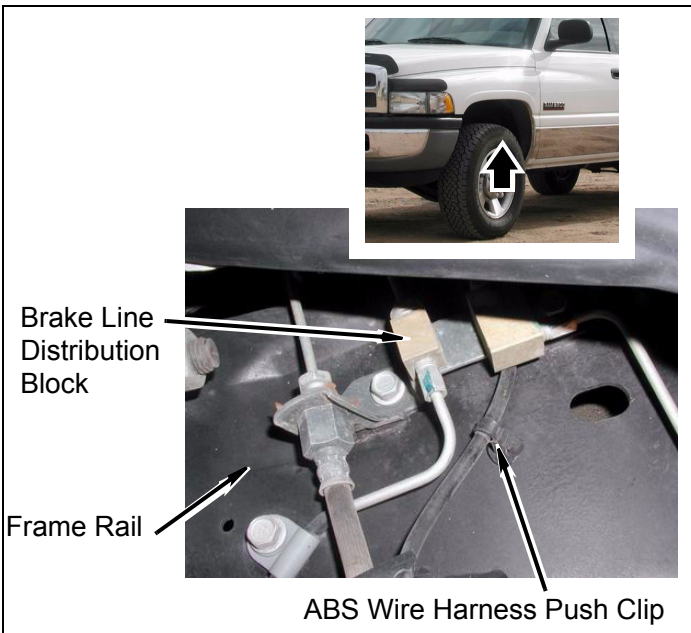
1. Transfer case shift linkage rod.

- a. Ensure 4WD shift lever is in 2H position.

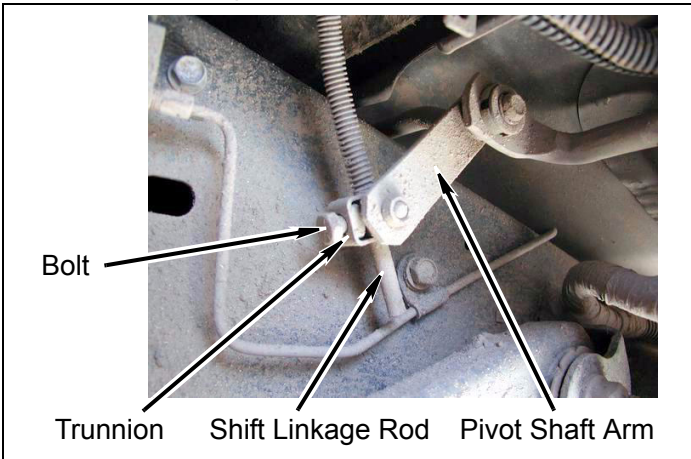
b. Loosen bolt from trunnion to shift linkage rod.



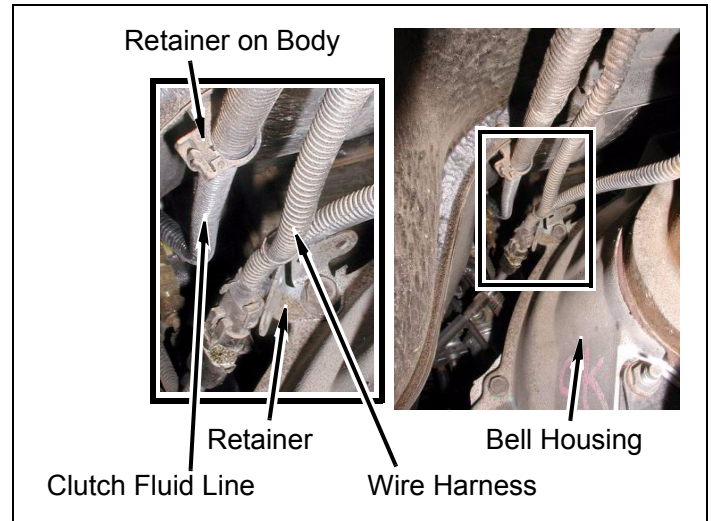
2. Remove ABS wire harness push clip from driver side frame rail.



3. **Automatic transmission:** Loosen bolt and trunnion from shift linkage rod.



4. If so equipped, detach any wire harnesses on transmission or body that may interfere when lifting cab.
5. **Manual transmission:** Remove wire harness clip from retainer on transmission.



6. Remove clutch fluid line from clip on driver side of body.

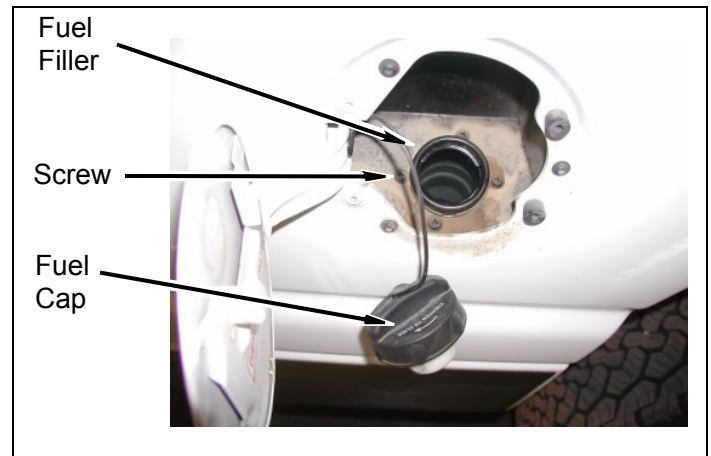
### E. Rear of Vehicle

1. Fuel filler.

#### ⚠ WARNING

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

a. Remove fuel cap.

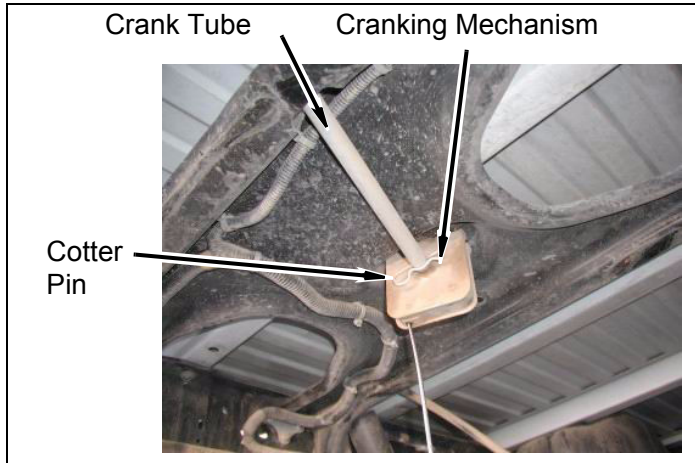


b. Remove four screws from fuel filler neck and bed.

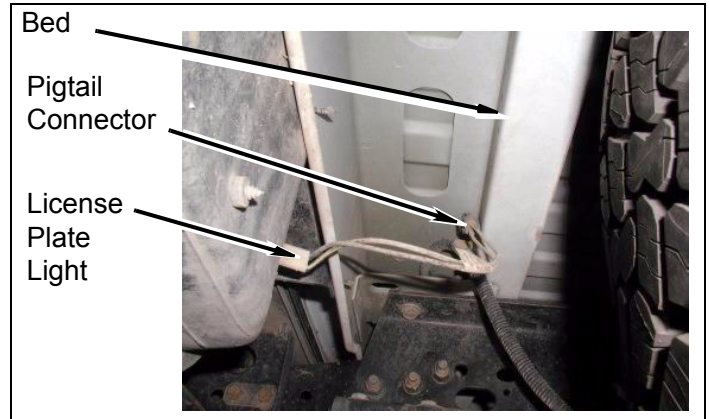
2. Spare tire.

a. Remove spare tire (refer to owner's manual).

b. Remove cotter pin and crank tube from cranking mechanism.



d. Disconnect two license plate light connectors from bed.



e. Remove three screws and rear license plate frame.



3. Rear bumper.

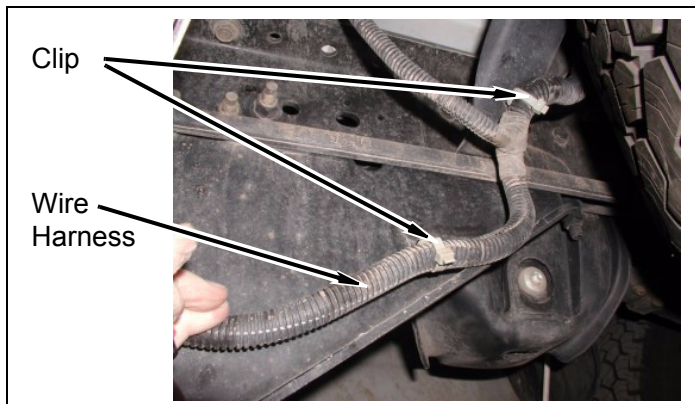
a. Measure and record distance between rear bumper and bottom of tailgate.

Driver Side \_\_\_\_\_ Passenger Side \_\_\_\_\_

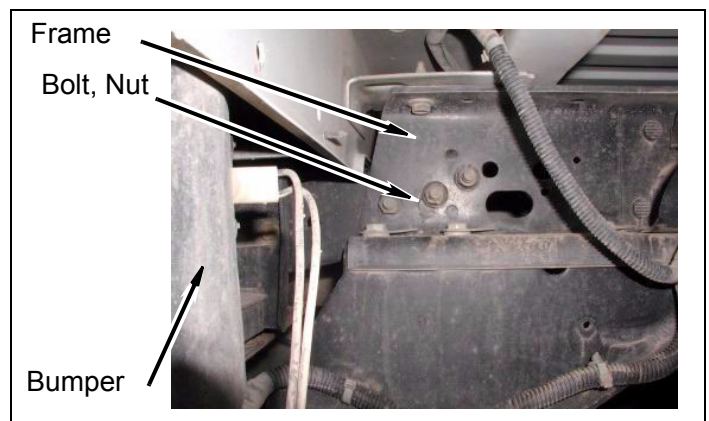
b. Measure and record distance between rear bumper and back end of bed (fore/aft position).

Driver Side \_\_\_\_\_ Passenger Side \_\_\_\_\_

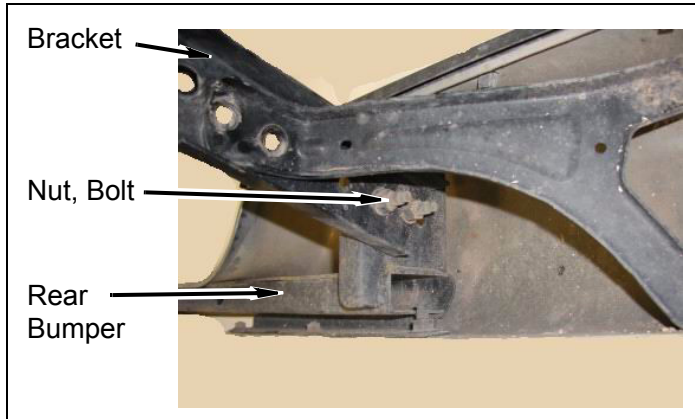
c. Remove two clips and wire harnesses from frame.



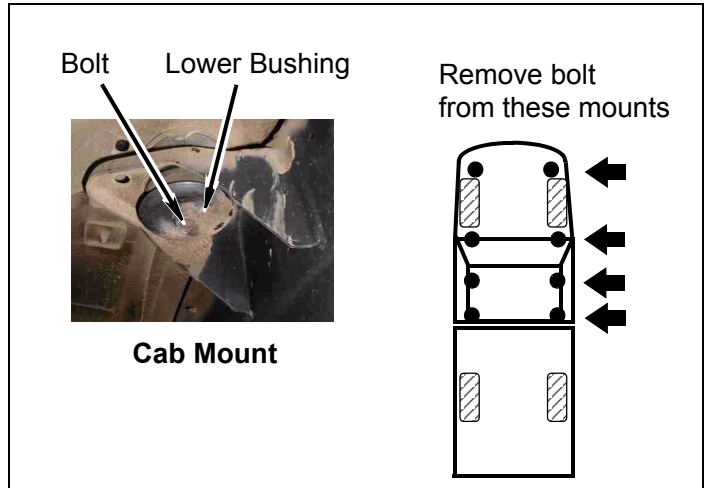
f. Remove six nuts, six bolts, and bumper from frame.



- g. Remove two nuts, two bolts, and two brackets from bumper.



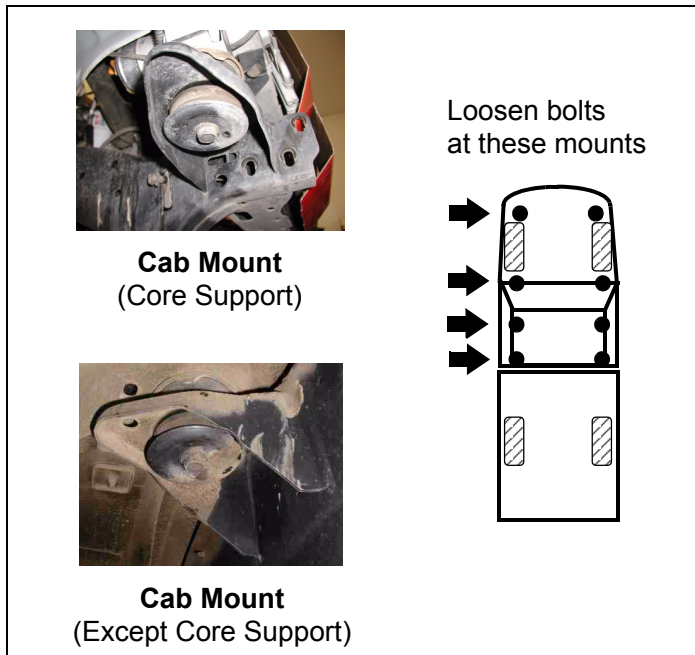
- c. Remove bolt and lower bushing from each cab mount on passenger side.



## Install Kit

### A. Cab

- Prepare to lift cab from frame.
  - Measure and record distance between cab and bed.  
Driver Side \_\_\_\_\_ Passenger Side \_\_\_\_\_
  - Loosen, but DO NOT remove, cab mounting bolts on driver side (three bolts on vehicles with regular cab; four bolts on vehicles with extended or crew cab).



**⚠ 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.

**⚠ NOTE**

To gain ample slack, it may be necessary to gently bend down the brake hydraulic boost lines at brake master cylinder.

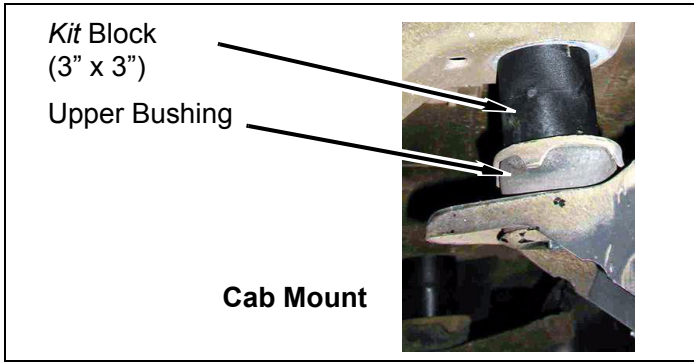
Brake Hydraulic Boost Lines

- Cab passenger side.
  - Using a hydraulic jack and a wooden block, slowly lift passenger side of cab. Just high enough to position a kit **block** (3" x 3") between cab mount upper bushing and cab.

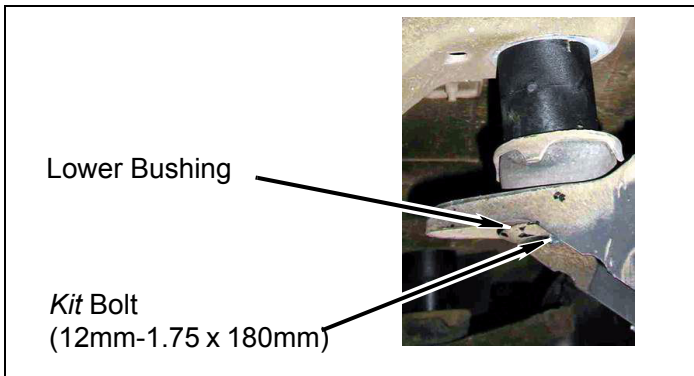
**⚠ WARNING**

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

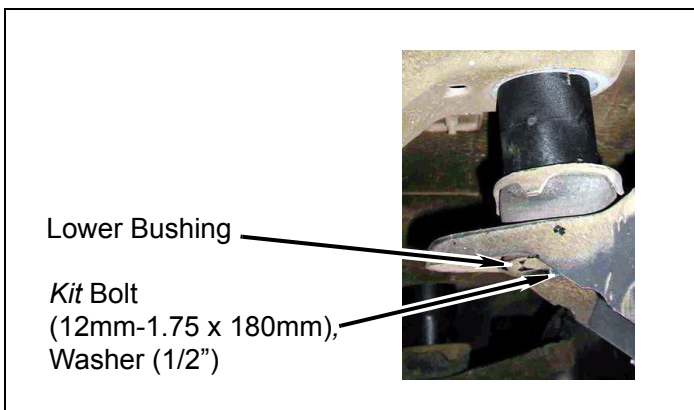
- b. Install kit **blocks** (3" x 3") on upper bushings on each cab mount.



- c. Lower cab onto kit **blocks** (3" x 3").
- d. Install lower bushing and a kit **bolt** (12mm-1.75 x 180mm) on each cab mount. **DO NOT** tighten.

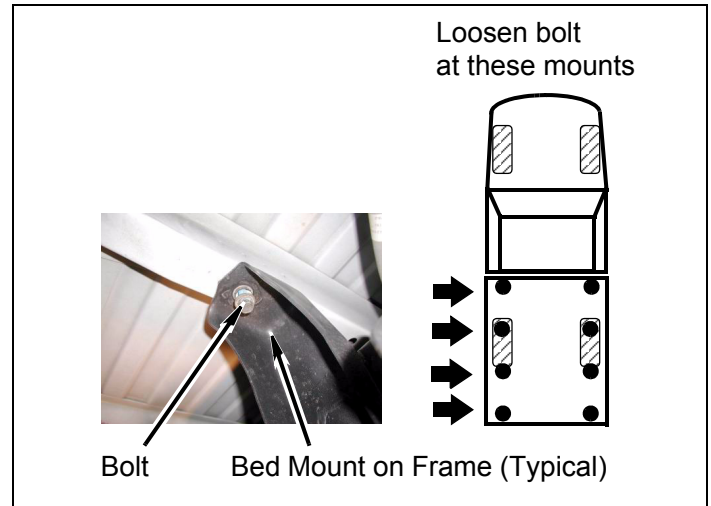


- 3. Cab driver side.
  - a. Repeat previous steps on driver side of cab.
  - b. Set cab-to-bed spacing according to previous measurement.
  - c. Remove each kit **bolt**, one at a time, and apply a few drops of Loctite® to threads. Install kit **bolt** with kit **washer** (7/16" USS), and tighten to 55 ft. lbs.

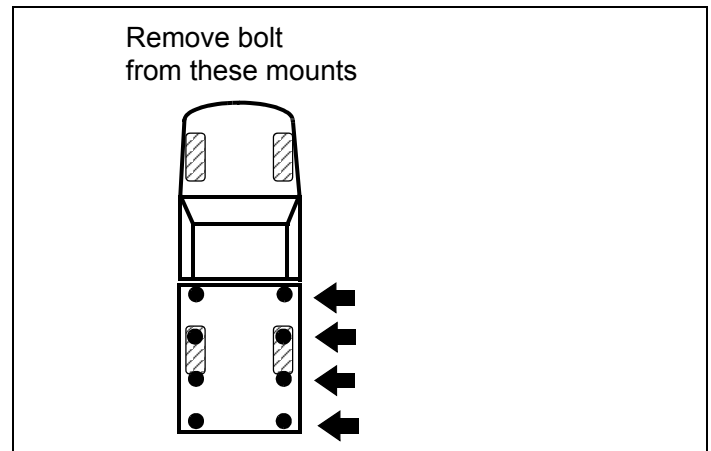


## B. Bed

- 1. Prepare to lift bed from frame.
  - a. Loosen, but **DO NOT** remove, bed mounting bolts on driver side (three bolts on vehicles with short bed; four bolts on vehicles with long bed).



- 2. Remove bolt from each bed mount on passenger side.



### ⚠ WARNING

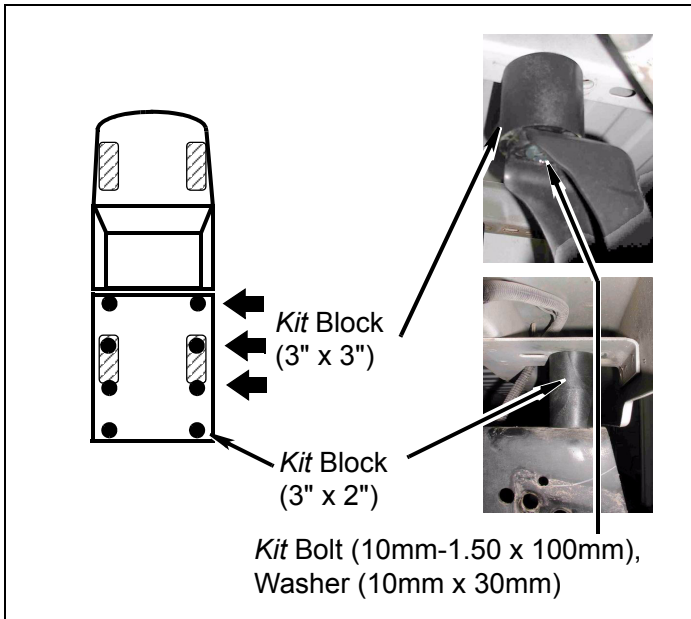
Use extreme caution when lifting the bed from the frame. To prevent serious personal injury, ensure the lifting device is securely placed. Keep your hands out from between the bed and frame.

### ⚠ CAUTION

To prevent damage to the vehicle while lifting the bed, continually check hoses, wires, brake lines, etc. to ensure everything is flexing properly and not binding. Ensure clearance between bed and cab is maintained.

### 3. Bed passenger side.

- a. Using a hydraulic jack and a wooden block, slowly lift passenger side of bed until a little more than 3" exists between frame mounting pads and bed.
- b. Install a kit **block** (3" x 2") on frame at mount closest to back end of bed.
- c. Install three kit **blocks** (3" x 3") on three other frame mounts.

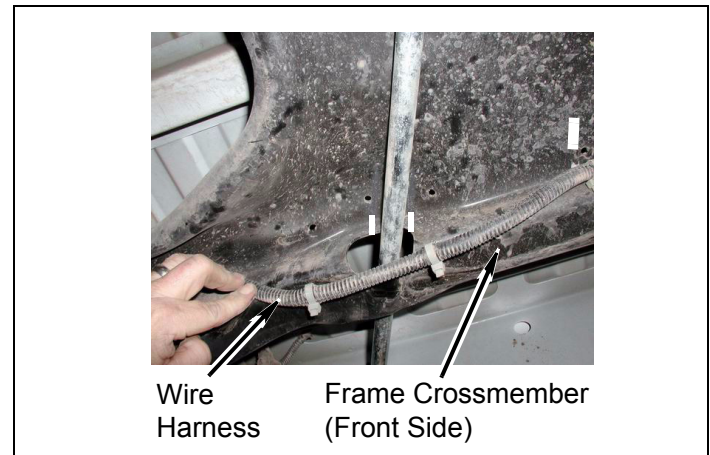


- d. Lower bed onto kit **blocks** (3" x 3").
- e. At each bed mount, install kit **bolts** (10mm-1.50 x 100mm) and kit **washers** (10mm x 30mm). DO NOT tighten.
- f. Repeat previous steps on driver side of bed.
- g. Set bed-to-cab spacing according to previous measurement.
- h. Remove each kit **bolt**, one at a time, and apply a few drops of Loctite® to threads. Install kit **bolt** with kit **washer** (10mm x 30mm), and tighten to 40 ft. lbs.

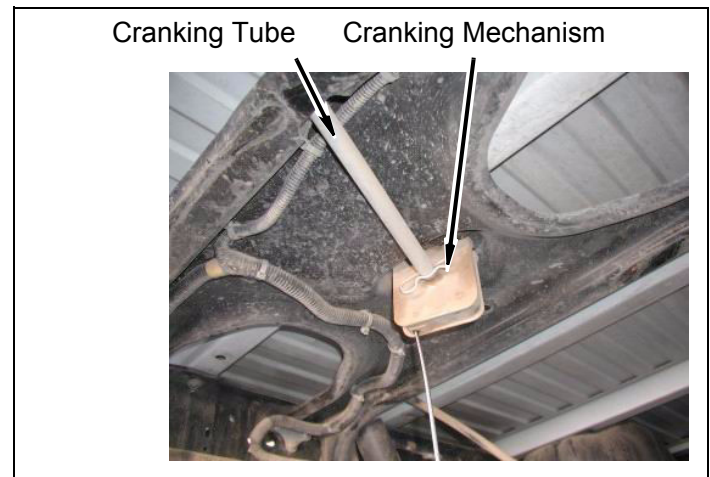
## C. Rear of Vehicle

### 1. Spare tire crank.

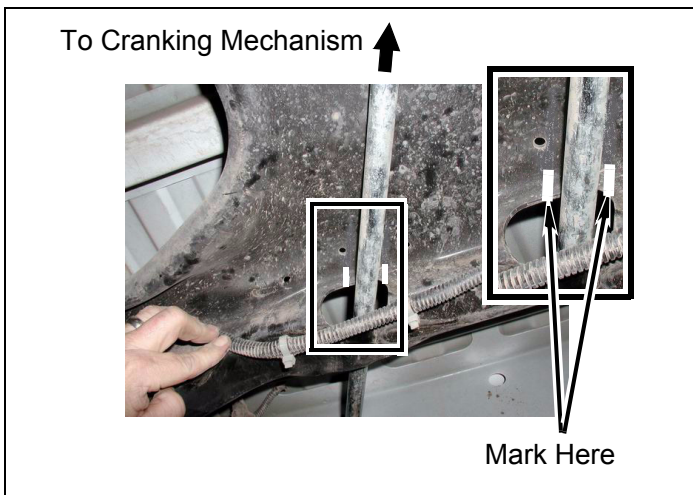
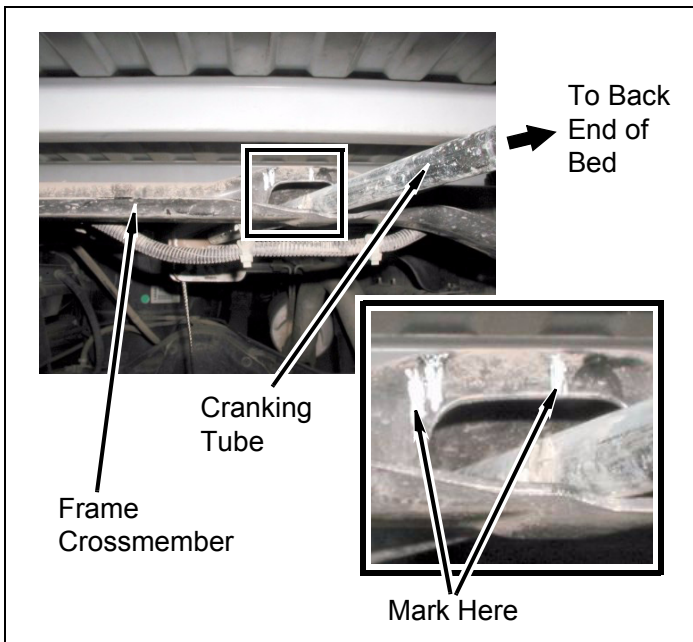
- a. Remove two clips from wire harness to frame crossmember. Pull wire harness down.



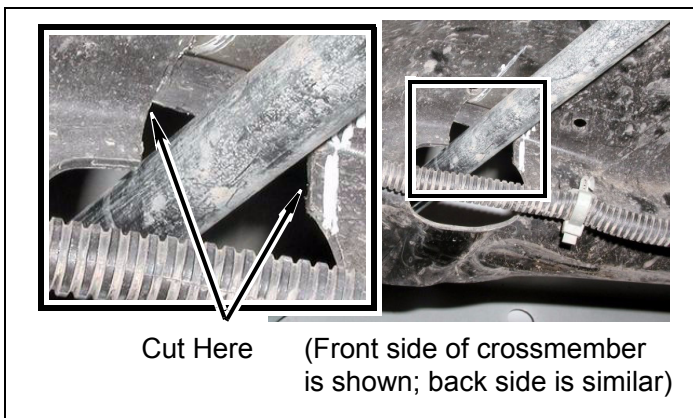
- b. Position spare tire crank tube through hole in back end of bed and hole in frame crossmember.
- c. Install end of cranking tube onto cranking mechanism.



d. Mark each side of frame crossmember.

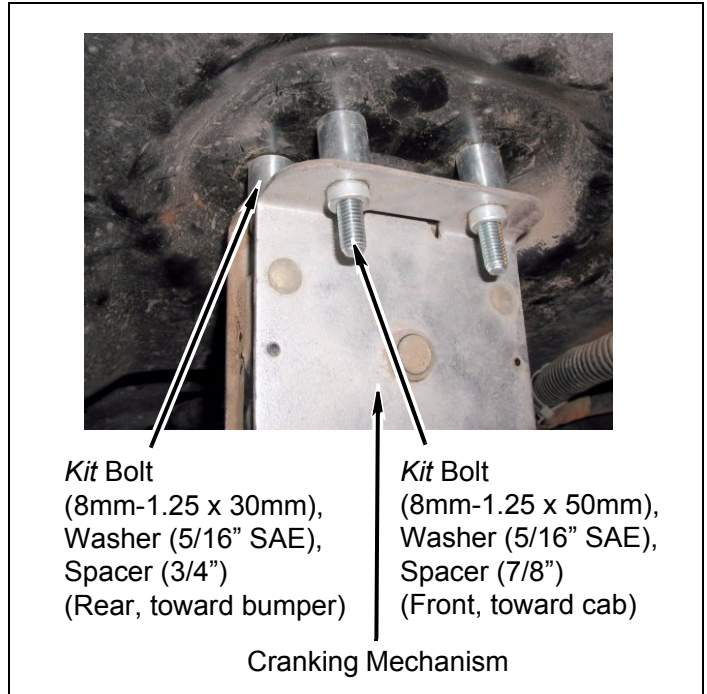


- e. Remove cranking tube.
- f. Remove cranking mechanism.
- g. Cut crossmember at marks and fold metal piece upward.



h. Install cranking mechanism on crossmember with two kit **bolts** (8mm-1.25 x 30mm), two kit **washers** (5/16" SAE), and two kit **spacers** (7/8") on cab side (front).

i. Install two kit **bolts** (8mm-1.25 x 50mm), two kit **washers** (5/16" SAE), and two kit **spacers** (3/4") in remaining two holes (rear).



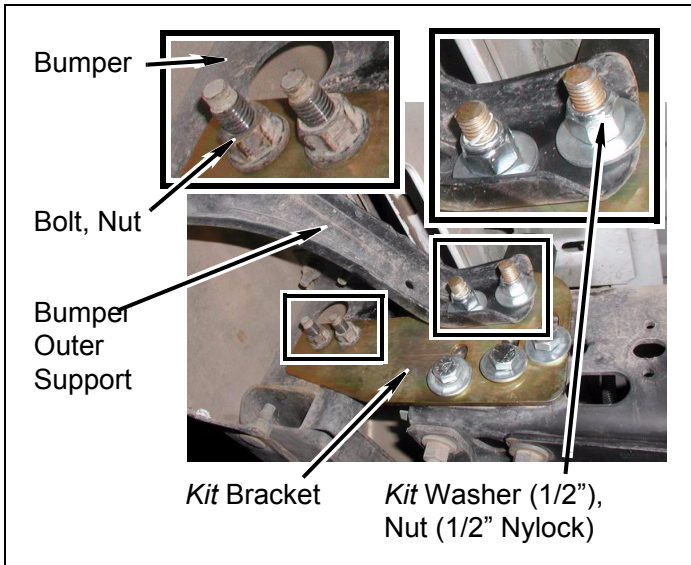
2. Crank tube.
  - a. Insert spare tire crank tube through hole in bed and frame crossmember.
  - b. Install end of crank tube onto cranking mechanism with cotter pin.
3. Install spare tire in stowed position (refer to owners manual).
4. Rear bumper.

**⚠ 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.

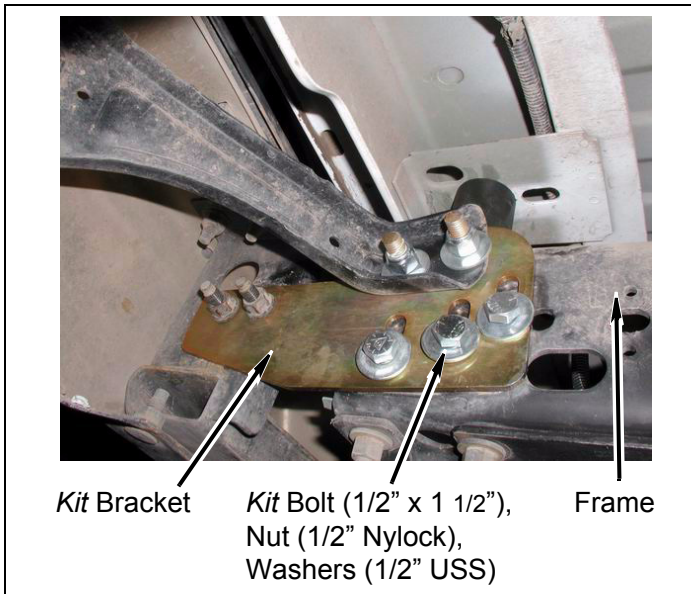
- a. Apply a few drops of Loctite® to all rear bumper mounting bolts and nuts.



- b. Install kit **bumper brackets** on rear bumper and outer support brackets using four bolts, four factory nuts, four kit **washers** (1/2" USS), and four kit **nuts** (1/2" Nylock).



- c. Install rear bumper on frame using six kit **bolts** (1/2" x 1 1/2"), twelve kit **washers** (1/2" USS), and six kit **nuts** (1/2" Nylock). **DO NOT** tighten.



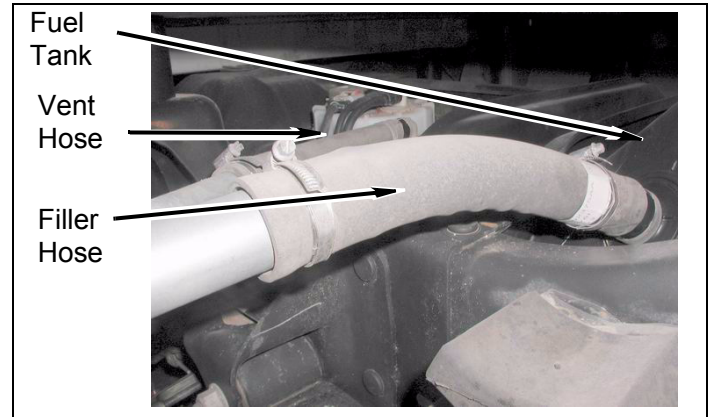
- d. Set bumper-to-tailgate and bumper-to-bed spacing according to previous measurements. Tighten all mounting bolts and nuts.

## D. Fuel Filler Assembly

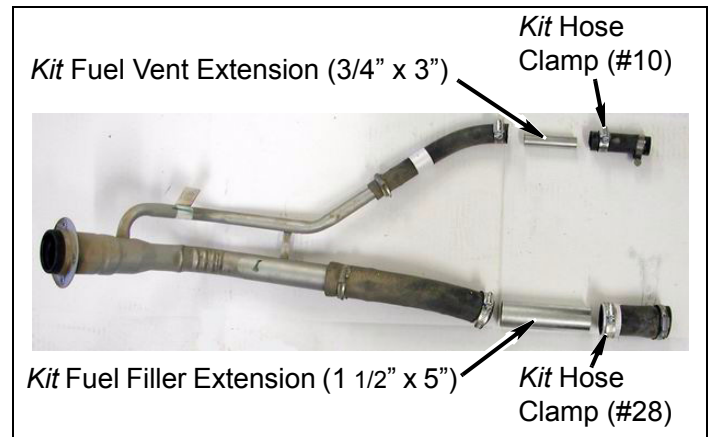
### ⚠ WARNING

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.

1. Fuel filler.
  - a. Remove fuel filler and vent hoses from fuel tank.
  - b. Remove fuel filler assembly from vehicle.

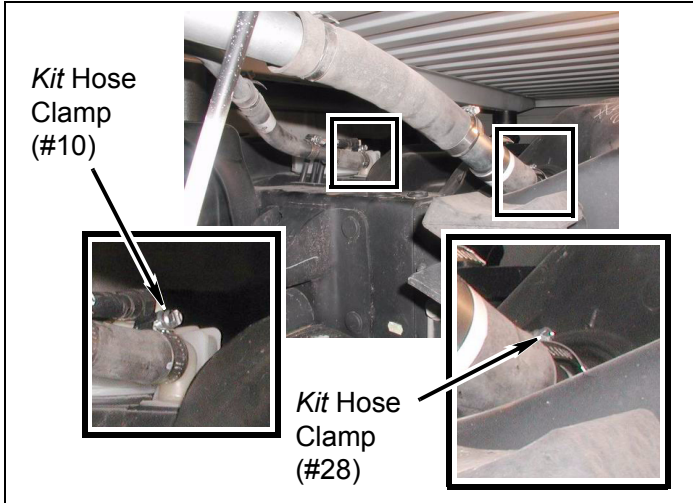


- c. Cut fuel filler and vent hoses approximately 3" from fuel tank end.

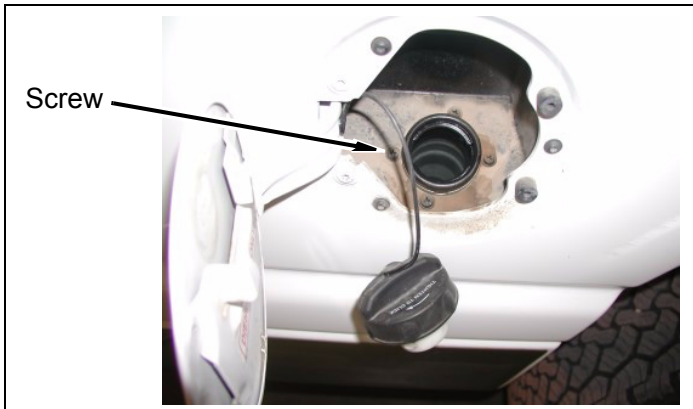


- d. Install kit **fuel filler extension** (1 1/2" x 5") on filler hose with two kit **hose clamps** (#28).
- e. Install kit **fuel vent extension** (3/4" x 3") on vent hose with two kit **hose clamps** (#10).

- f. Install fuel filler and vent hoses to fuel tank with kit **hose clamps** (#10 and #28).

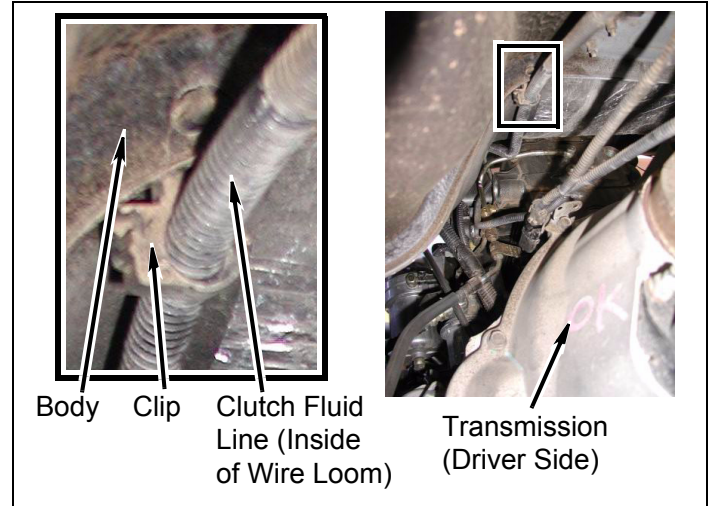


- g. Install fuel filler neck on bed with four screws.
- h. Install fuel cap.

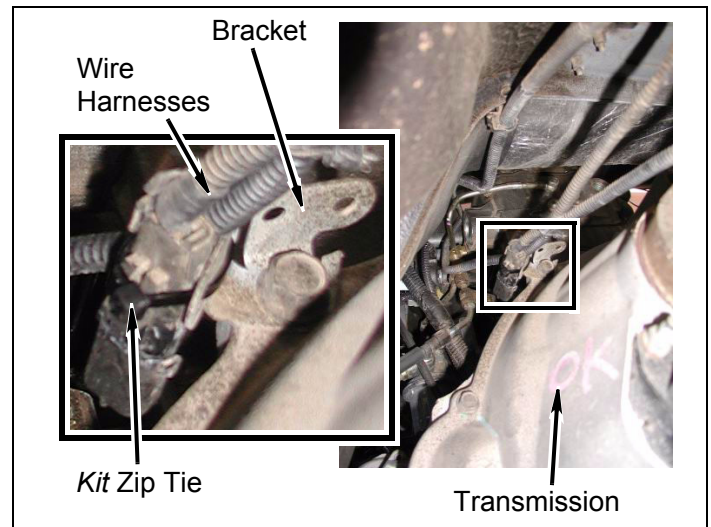


## E. Under Side of Vehicle

1. **Automatic transmission:** Wire harness.
  - a. At driver side of transmission, use a kit **zip tie** to secure any loose wire harnesses.
2. **Manual transmission:** Clutch fluid line.
  - a. Secure clutch fluid line to body using clip.

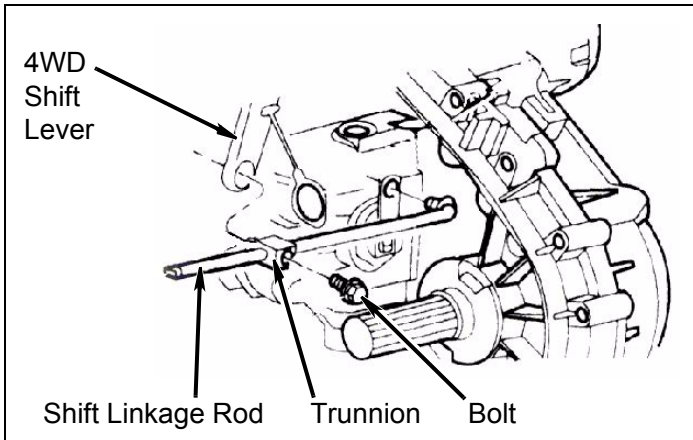


- b. Use a kit **zip tie** to secure any loose wire harnesses to bracket on transmission.

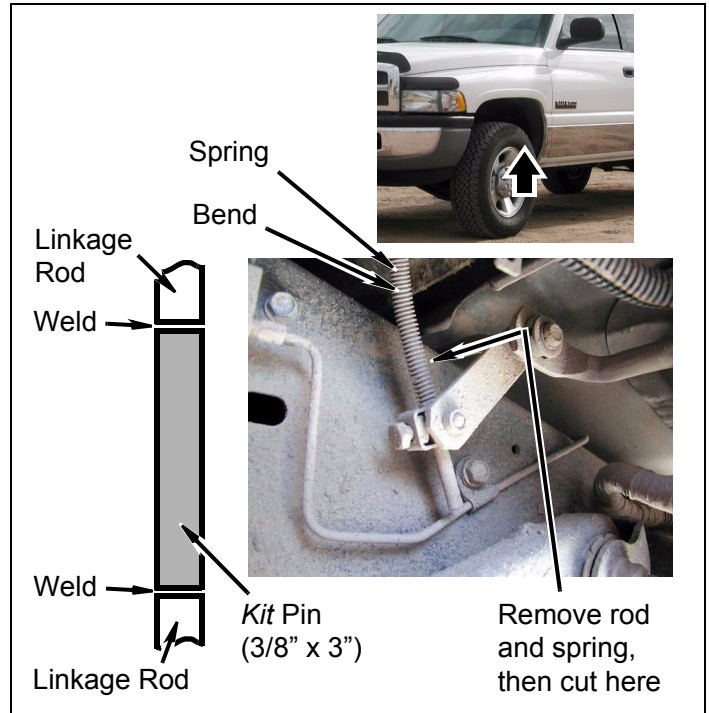


3. Transfer case shift linkage.
  - a. Ensure 4WD shift lever is in 2H position.

- b. Tighten trunnion bolt to shift linkage rod. Verify 4WD shift lever operation. Ensure there is complete engagement in all 4WD ranges. It may be necessary to adjust the trunnion position on shift rod to achieve desired results.



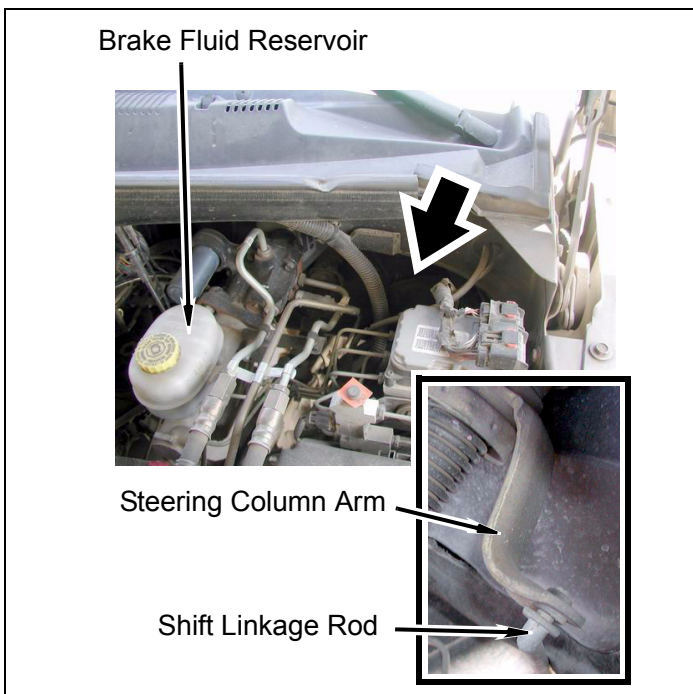
- d. Remove spring from lower end of automatic transmission shift linkage rod.



4. **Automatic transmission:** Shift linkage rod.

- a. Disconnect upper end of automatic transmission shift linkage rod from steering column arm.
- b. Pull rod upward, sliding it out of lower trunnion, and remove it from engine compartment.

- e. Cut rod between bend and lower end of rod.
- f. Weld kit **extension** (automatic transmission shift linkage, 3/8" x 3") between pieces of rod.
- g. Smooth welds and paint rod.

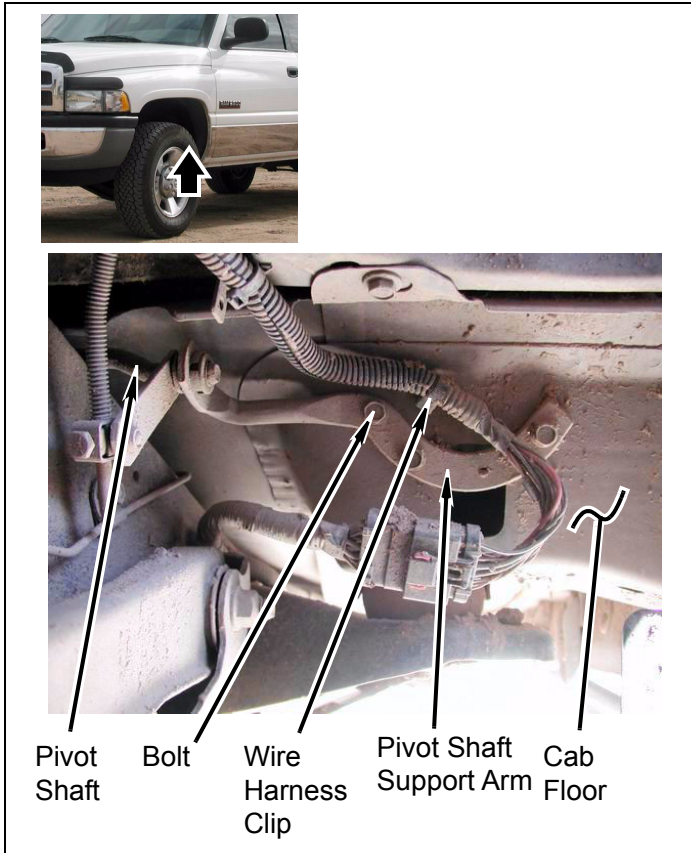


- c. Extend automatic transmission shift linkage rod.

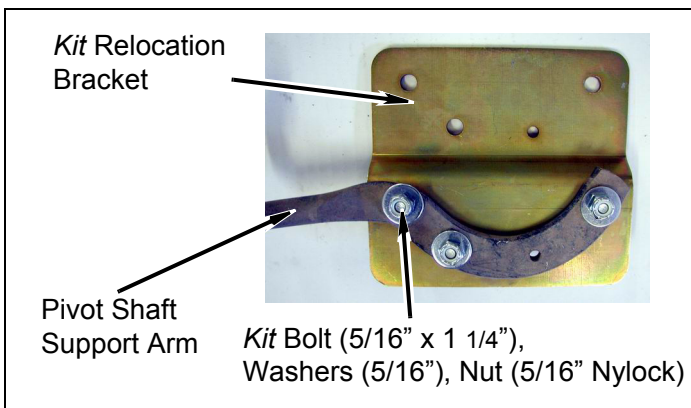
**⚠ WARNING**  
A certified welder should perform all welding.

5. **Automatic transmission:** Pivot shaft support.

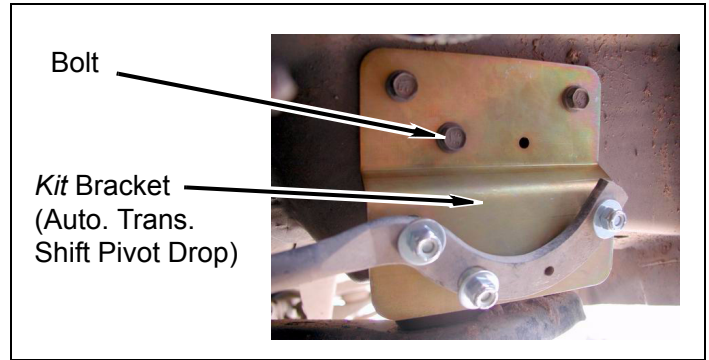
- a. Remove wire harness clip from cab floor.



- b. Remove three bolts and pivot shaft support arm from cab floor.
- c. Install pivot shaft support arm on kit **relocation bracket** with three kit **bolts** (5/16" x 1 1/4"), six kit **washers** (5/16"), and three kit **nuts** (5/16" Nylock).

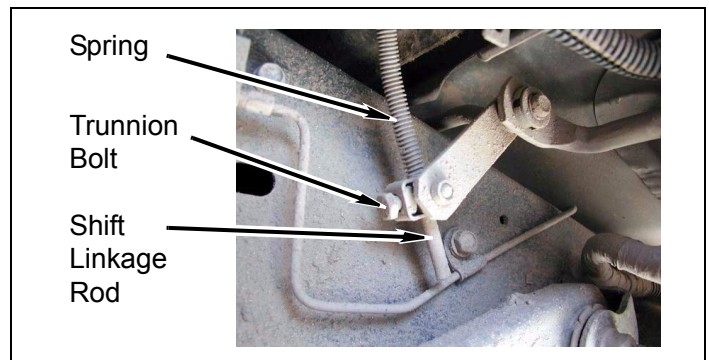


- d. Install kit **bracket** (auto trans. shift pivot drop) on cab floor with three bolts.

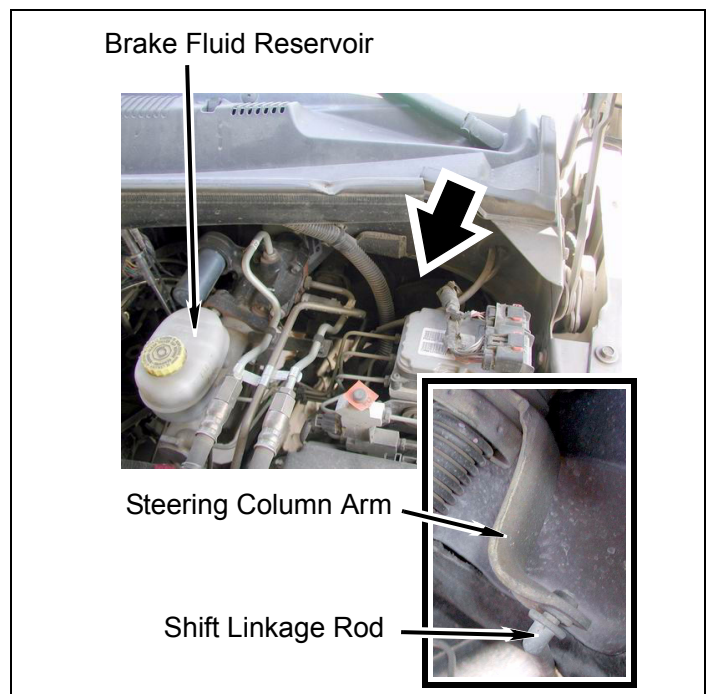


6. **Automatic transmission:** Shift linkage rod.

- a. Install spring on shift linkage rod. Slide lower end of shift linkage rod into trunnion.



- b. Connect upper end of shift linkage rod to steering column arm at firewall.

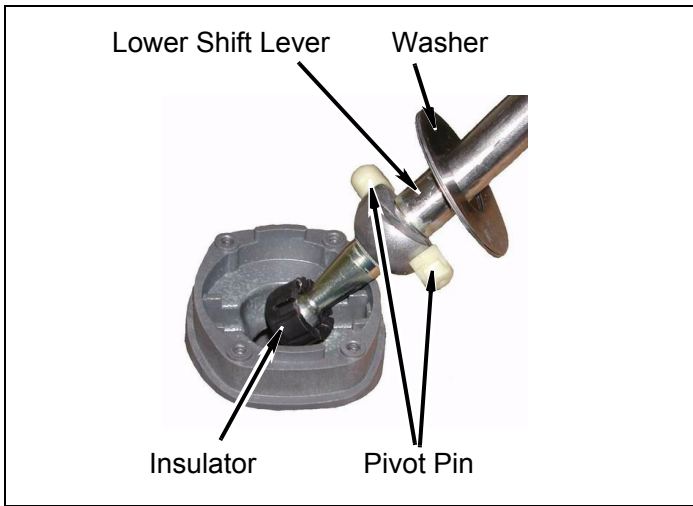


- c. Use trunnion bolt to adjust shift linkage rod so shift indicator registers properly. Tighten trunnion bolt.

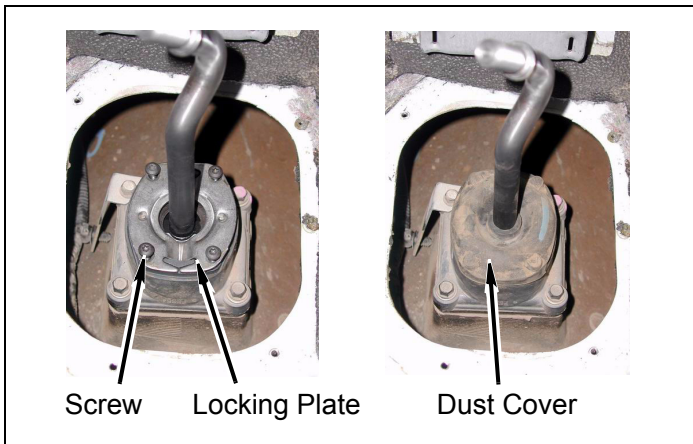
**F. Inside Cab**

**1. Manual transmission: Shift lever**

- a. Install insulator, two pivot pins, and washer on lower shift lever.
- b. Install lower shift lever on shift tower.

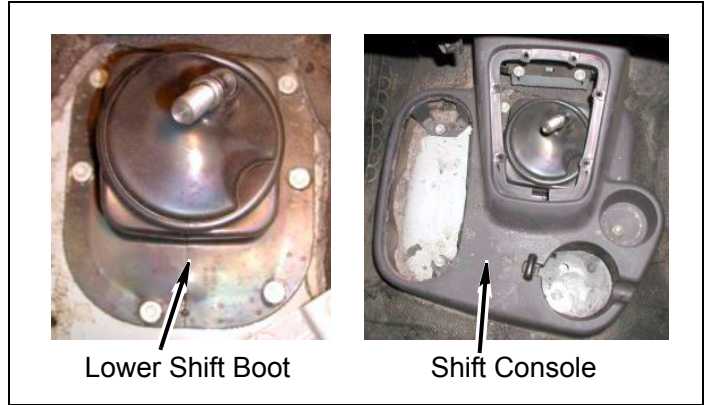


- c. Install locking plate on shift tower with four screws.

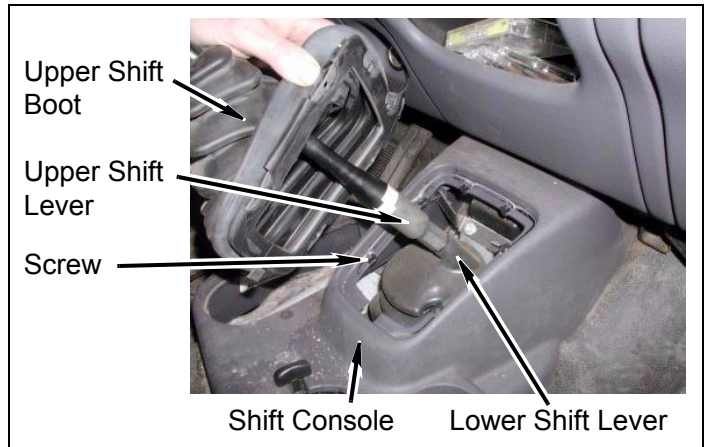


- d. Install dust cover on shift tower.

- e. Install lower shift boot and six screws on cab floor.



- f. Install shift console and six screws on cab floor.
- g. Install upper shift lever on lower shift lever.
- h. Install upper shift boot and six screws on shift console.



- i. Check transmission shift lever operation. Ensure there is complete engagement in all gears. It may be necessary to heat and bend shift lever if it contacts seat or dash.

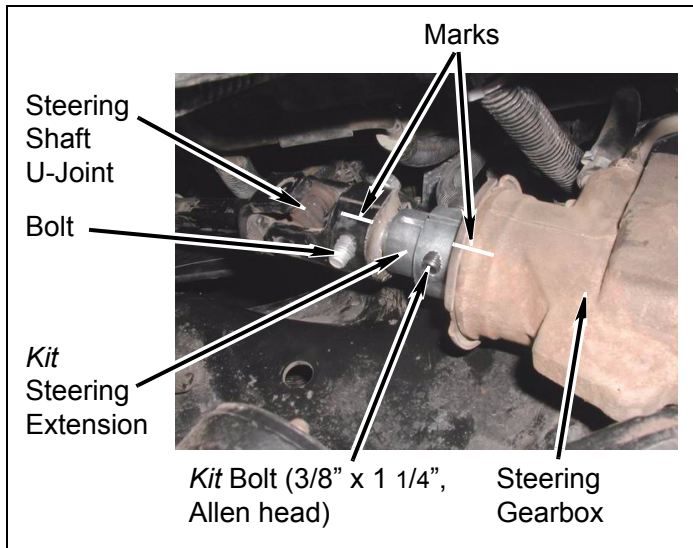
## G. Engine Compartment

### 1. Steering shaft.

#### ⚠ WARNING

Verify the steering extension is securely installed as specified in the instructions. Failure to do so may cause steering malfunction, resulting in property damage or serious personal injury.

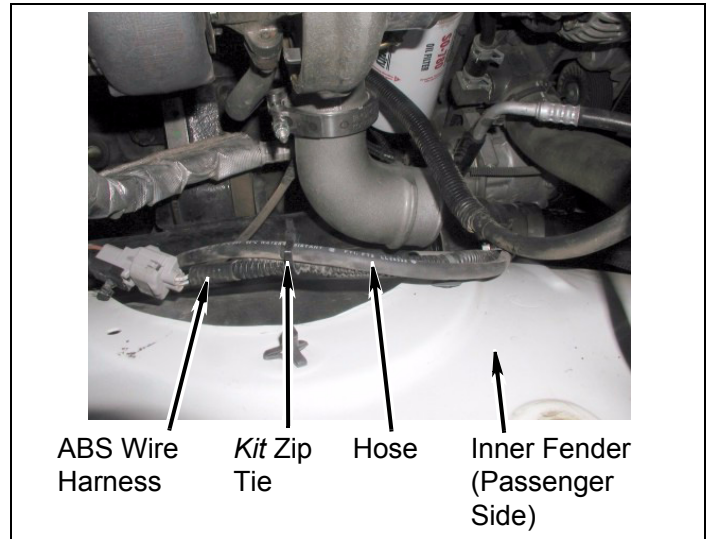
- a. Set kit **steering extension** in position on input shaft of steering gearbox. Ensure marks on steering gearbox and steering shaft U-joint are aligned.



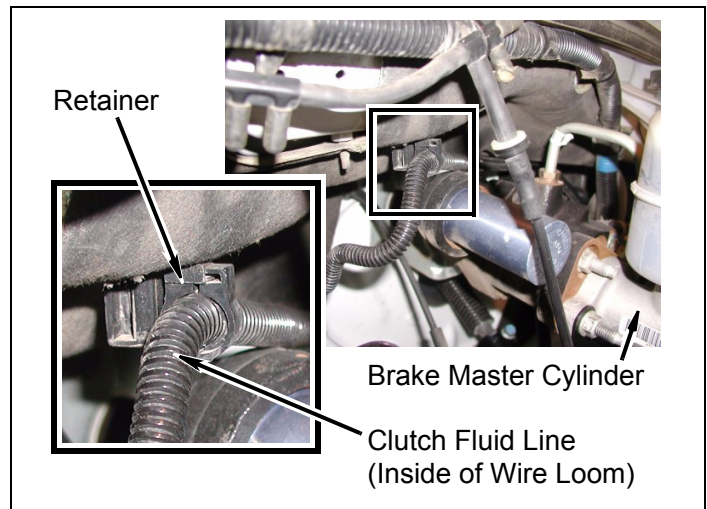
- b. Install steering shaft U-joint on kit **steering extension**, ensuring marks on U-joint and kit **steering extension** are aligned.
- c. Apply a few drops of Loctite® to factory bolt and kit **bolt** (3/8" x 1 1/4", Allen head).
- d. Install and tighten bolts to 70 lb.-ft.

### 2. Wire harnesses.

- a. Secure ABS wire harness to hose with kit **zip tie** at passenger side inner fender.

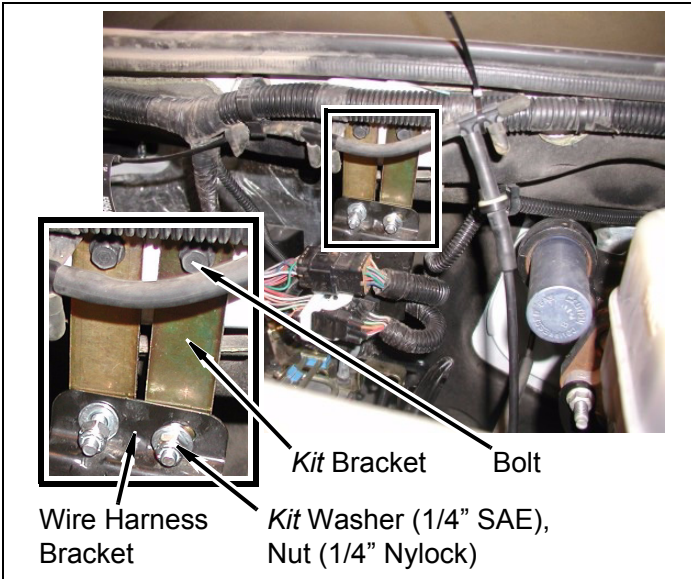


- b. **Manual transmission:** Attach clutch fluid line to retainer on firewall.

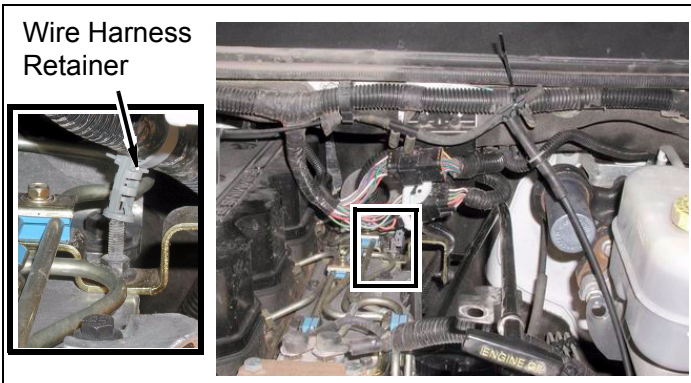


- c. Install two kit **brackets** on firewall using two bolts.

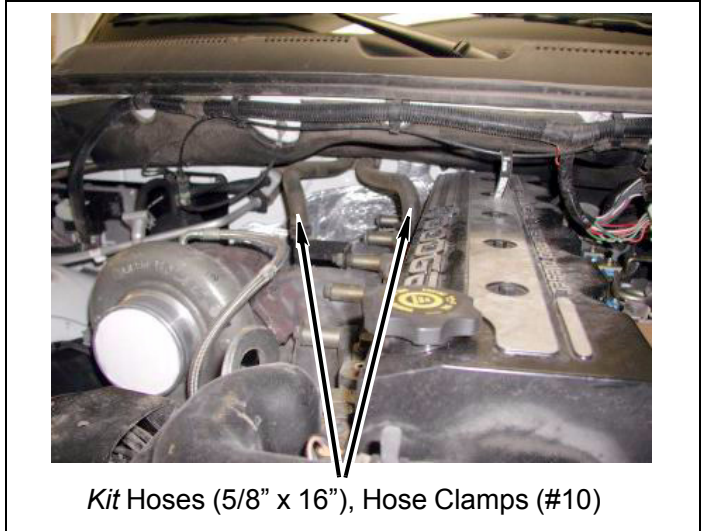
- d. Install wire harness bracket on kit **brackets** using two kit **washers** (1/4" SAE) and two kit **nuts** (1/4" Nylock).



- e. Install wire harness retainer on stud.



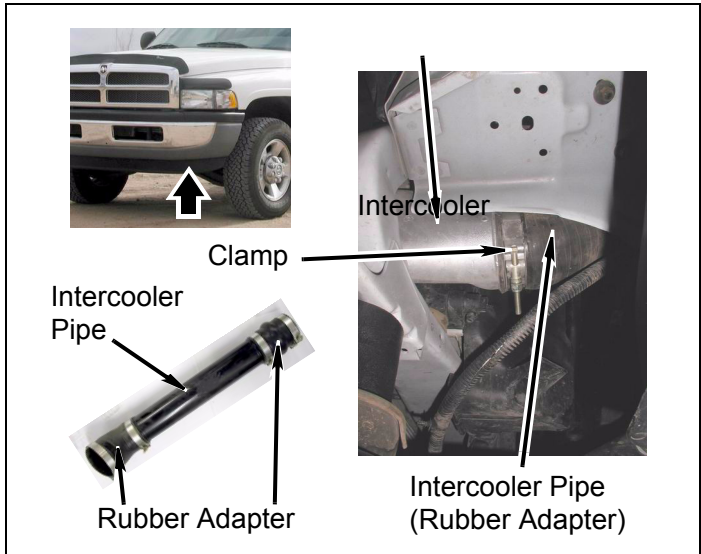
3. Install two kit **heater hoses** (5/8" x 16") on engine and heater core using four kit **hose clamps** (#10).



4. Intercooler-to-intake manifold inlet pipe.

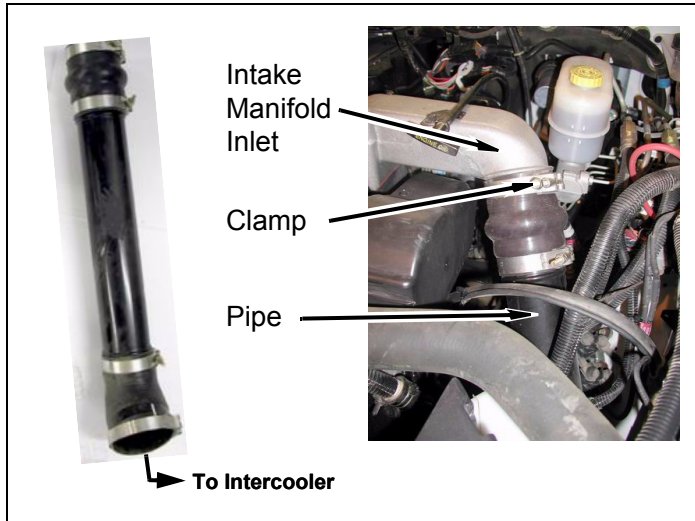
**CAUTION**  
Remove the cover from the outlet at the bottom of the intercooler.

- a. Install intercooler pipe on intercooler. **DO NOT** tighten hose clamp.

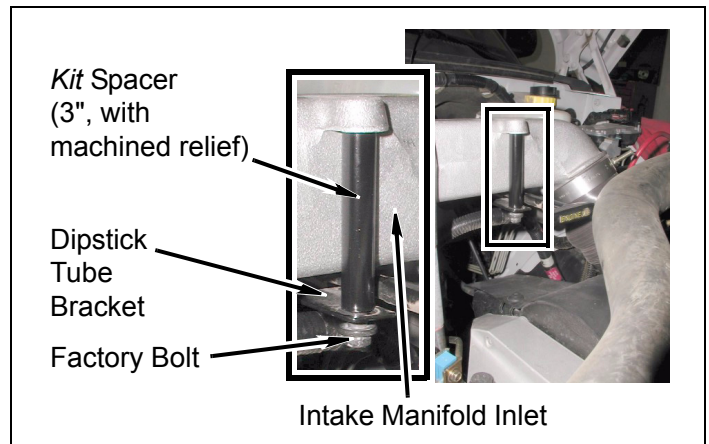


**CAUTION**  
Remove protective cover from intake manifold.

- b. Install intake manifold inlet onto intercooler pipe. **DO NOT** tighten hose clamp.

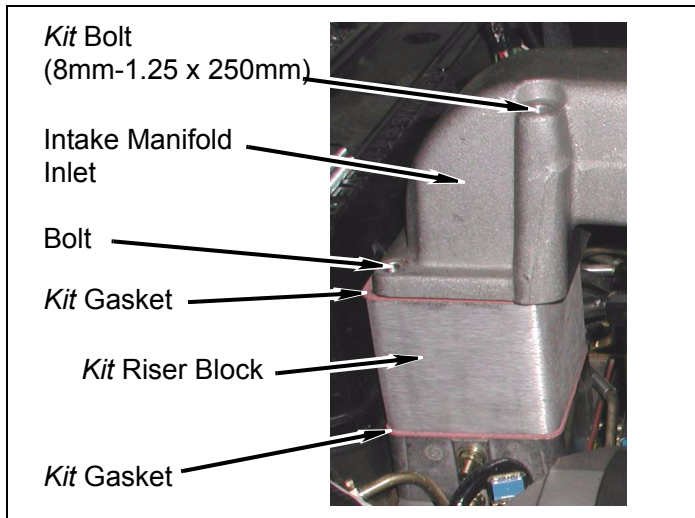


- d. Install oil dipstick tube bracket on intake manifold inlet using kit **spacer** (3", with machined relief) and one factory intake manifold inlet bolt (8mm x 80mm).

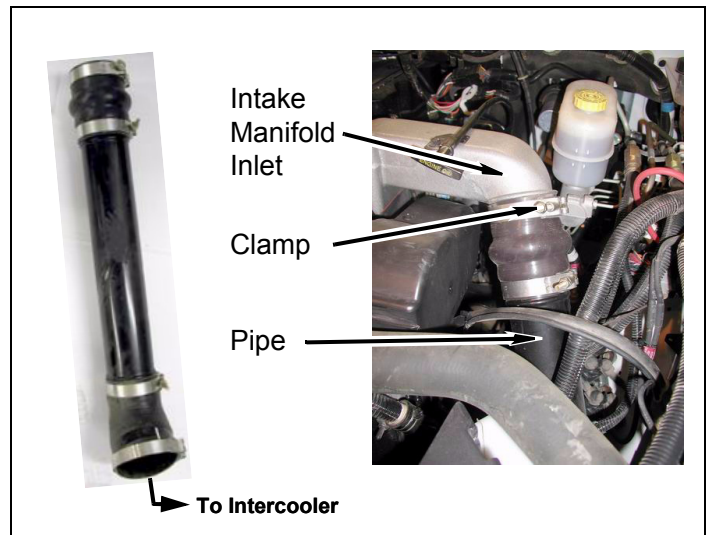


5. Intake manifold inlet.

- a. Install a kit **gasket**, kit **riser block**, and another kit **gasket** on engine intake manifold.
- b. Install intake manifold inlet using the two longest factory bolts nearest valve cover.
- c. Install two kit **bolts** (8mm-1.25 x 250mm) in remaining locations. Tighten four bolts to manufacturer's specification.

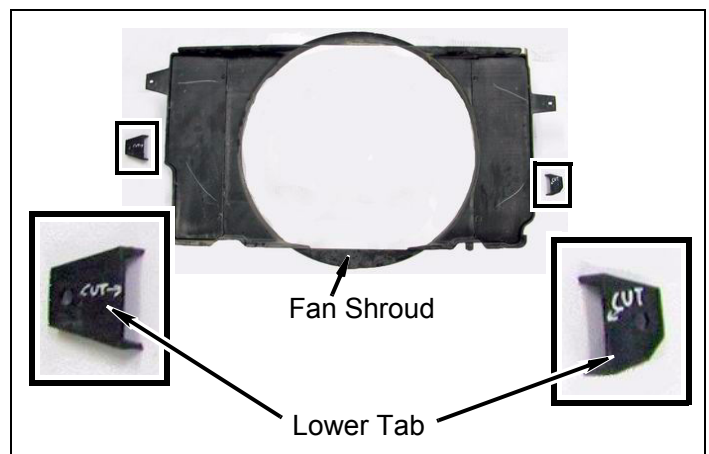


- e. Tighten all hose clamps at each end of intercooler pipe.



6. Fan shroud.

- a. Cut lower mounting tabs off fan shroud.

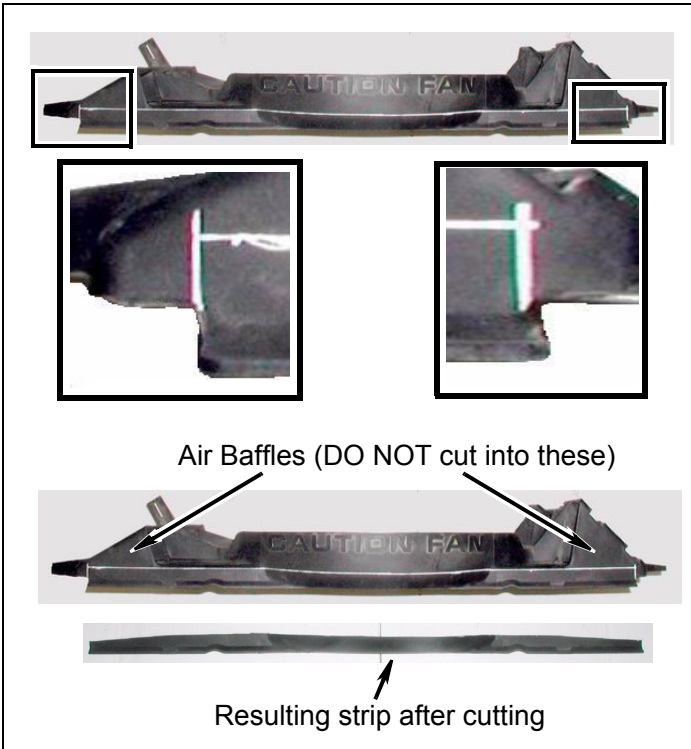




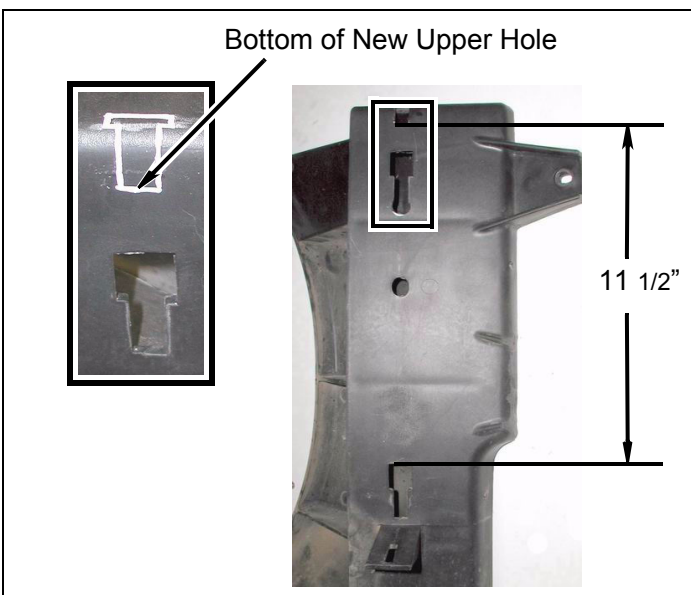
**⚠ CAUTION**

Each end of the fan shroud contains an air baffle. When cutting the fan shroud, DO NOT cut the air baffle wall. In the following picture, note the slight taper at the ends of the resulting strip. The taper results from cutting the fan shroud in such a way as to avoid cutting the walls of the air baffles.

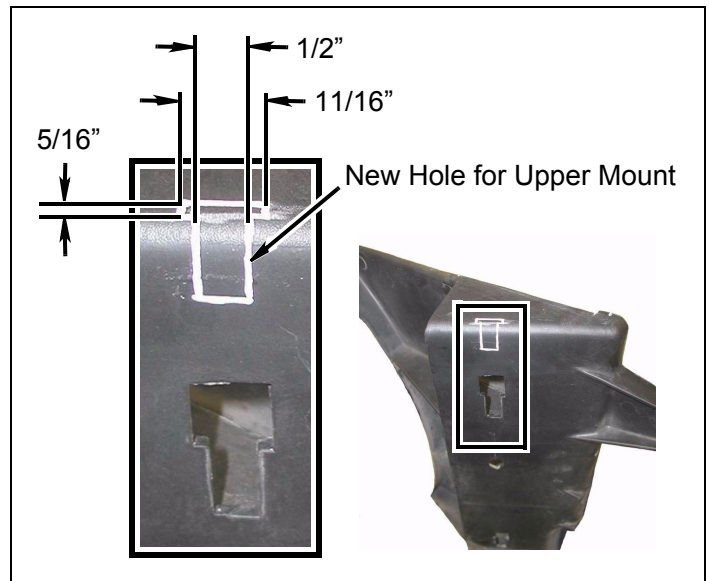
b. Mark and cut top of fan shroud.



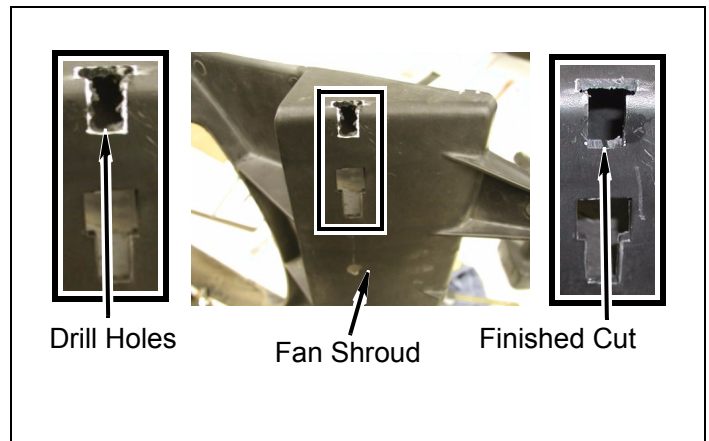
c. **Passenger side:** Measure straight up 11 1/2" from top of existing lower mounting hole, then mark fan shroud.



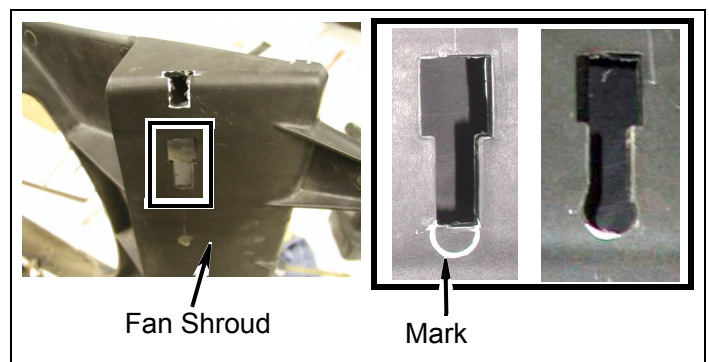
d. Mark hole for new upper mount.



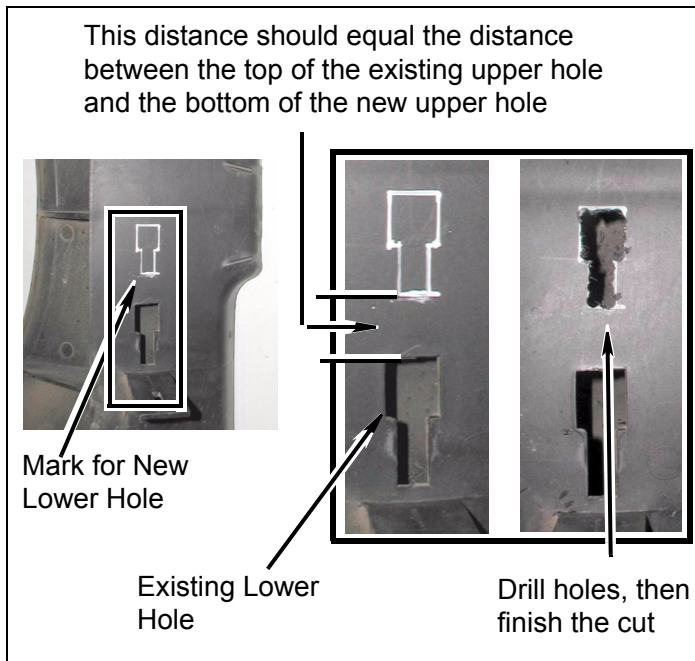
e. Drill 3/16" holes inside of marked area. Using a file, finish cutting the opening.



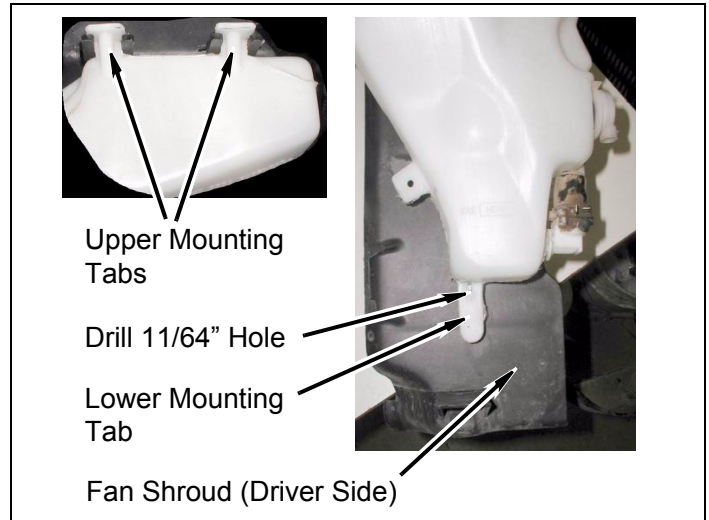
f. Round out bottom of existing upper hole.



- g. Mark area for new lower hole (make it the same size and shape as existing hole). Drill 3/16" holes inside of marked area. Using a file, finish cutting the opening.



- c. Using an 11/64" drill bit, drill a pilot hole through lower mounting tab and fan shroud.



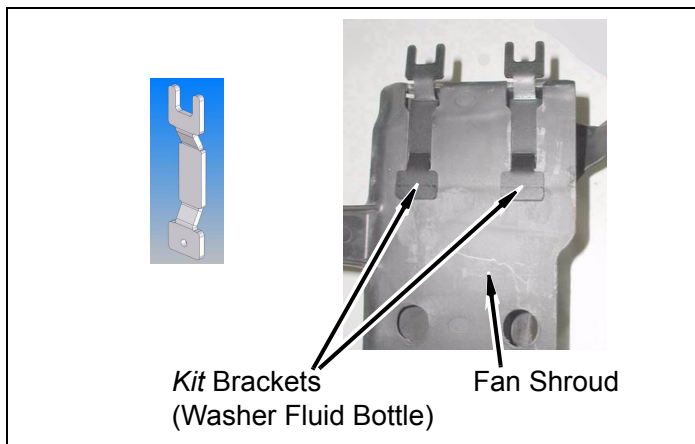
- d. Remove washer fluid bottle and kit brackets from fan shroud.

8. Radiator.

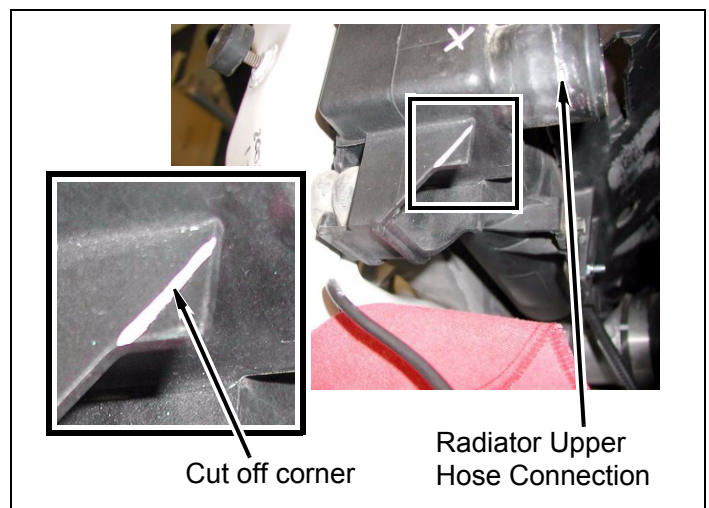
- a. Trim driver side corner of radiator as shown.

7. Washer fluid bottle.

- a. Install two kit brackets (washer fluid bottle) in holes at top of fan shroud.



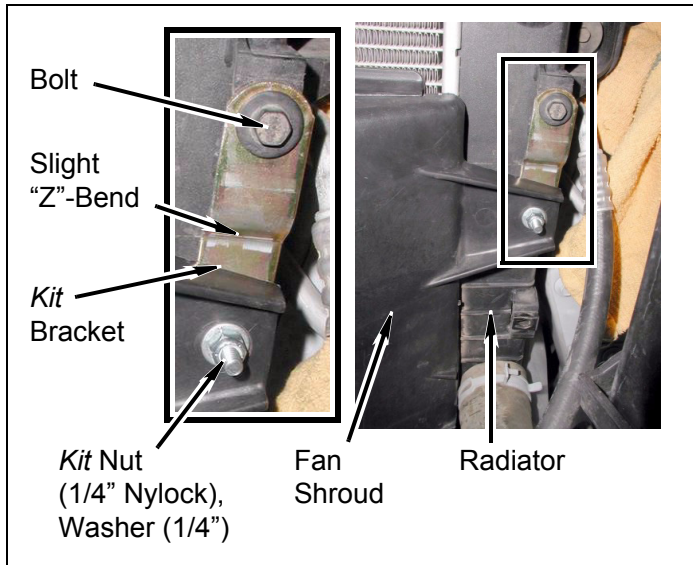
- b. Install washer fluid bottle on fan shroud.



9. Set fan shroud in place.

10. Fan shroud.

- a. Install two kit **brackets** (fan shroud-to-radiator) on radiator using two bolts.



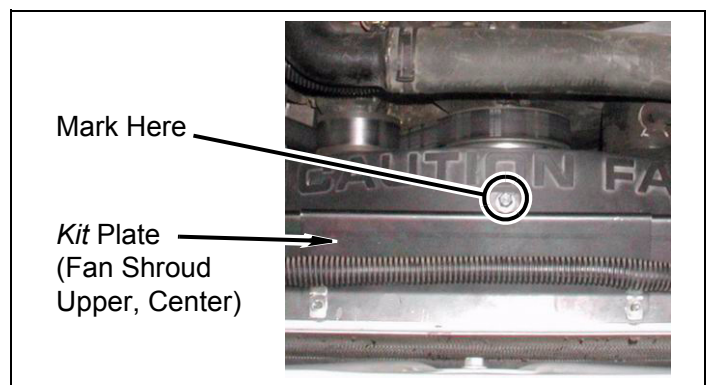
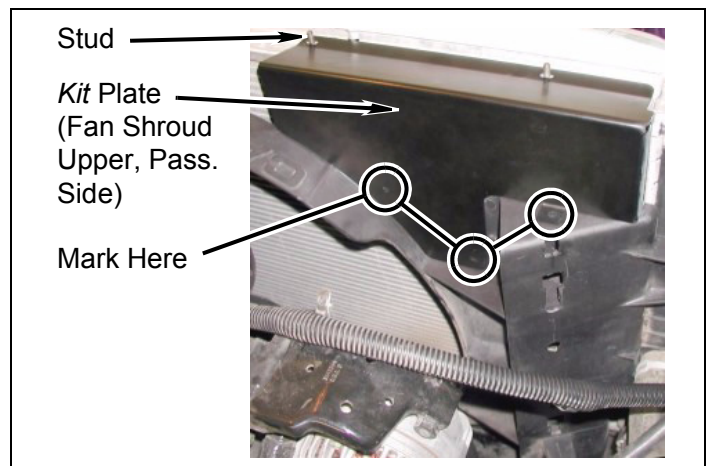
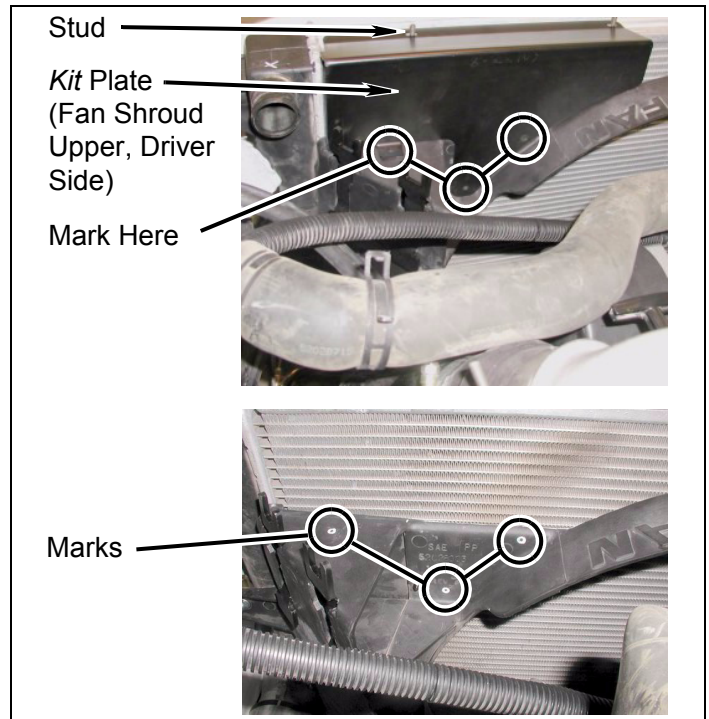
- b. Install fan shroud on kit **brackets** using two kit **washers** (1/4" SAE) and kit **nuts** (1/4" Nylock).

11. **Automatic transmission:** Check clearance between fan shroud and automatic transmission fluid lines. If necessary, carefully bend lines to prevent them from contacting fan shroud.

12. Top of fan shroud.

- a. Set the following kit parts into position on top of radiator and fan shroud in order listed:
- **Plate, fan shroud upper driver side**
  - **Plate, fan shroud upper pass. side**
  - **Plate, fan shroud upper center**

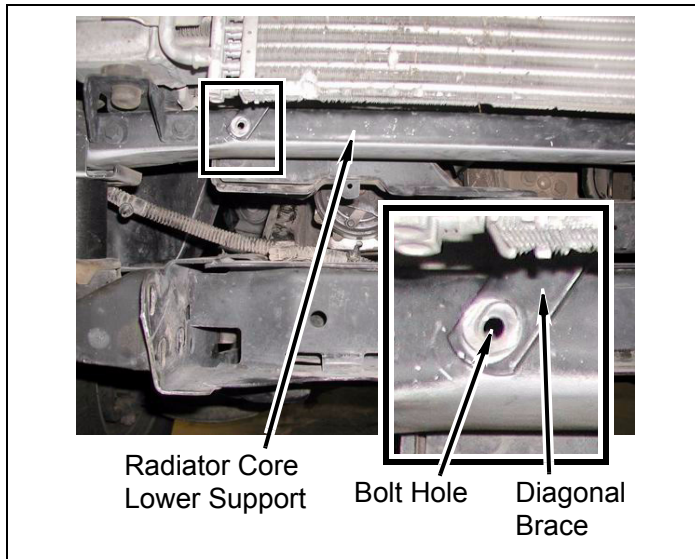
- b. Using holes in kit **plates** as a template, mark top of fan shroud in preparation for drilling.



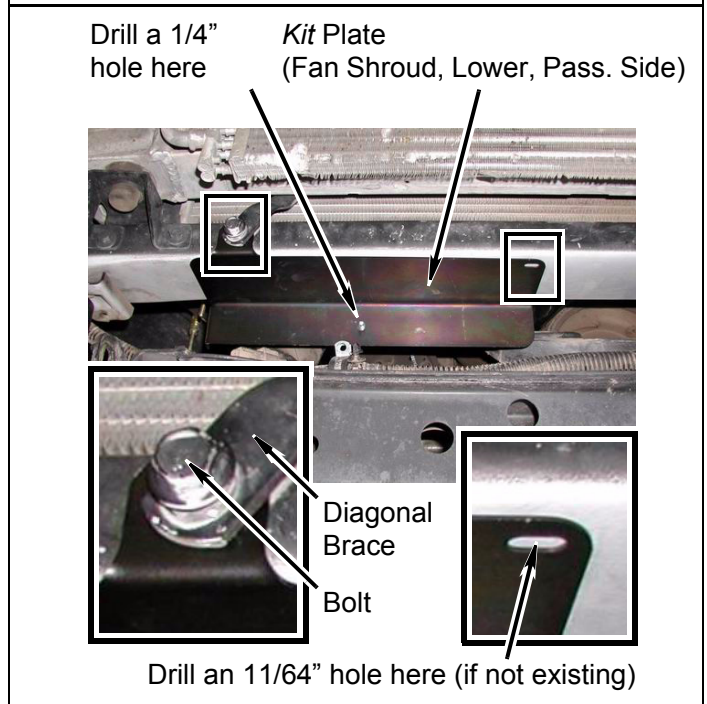
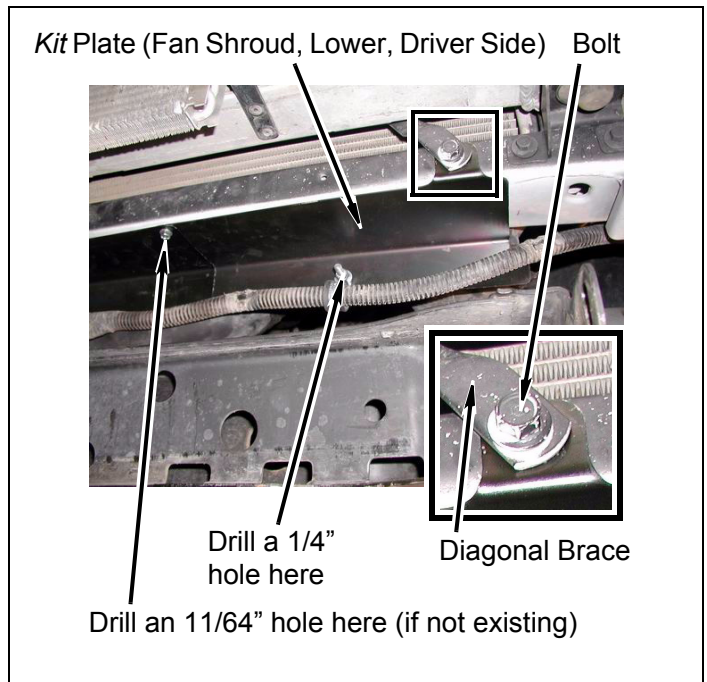
- c. Remove three kit **upper plates**.

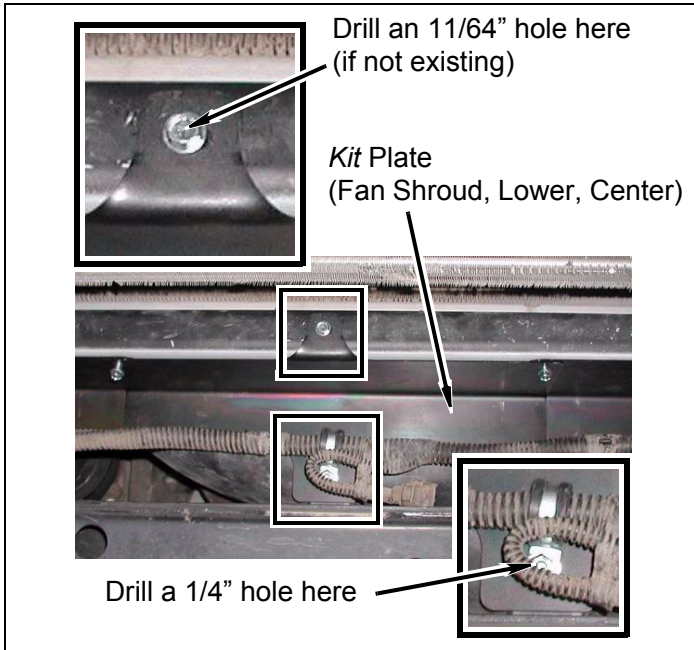
13. Lower radiator core support.

- a. Remove two bolts from diagonal braces and radiator core lower support.



- b. Set the following kit parts into position on lower radiator core support and bottom of fan shroud in order listed, then mark and drill holes:
- Plate, fan shroud lower driver side
  - Plate, fan shroud lower pass. side
  - Plate, fan shroud lower center





- c. Remove kit **lower plates**.
- d. Remove fan shroud.
- e. Drill 1/4" holes at top of fan shroud where marked earlier.
- f. Set fan shroud in place in engine compartment.

14. Fan.

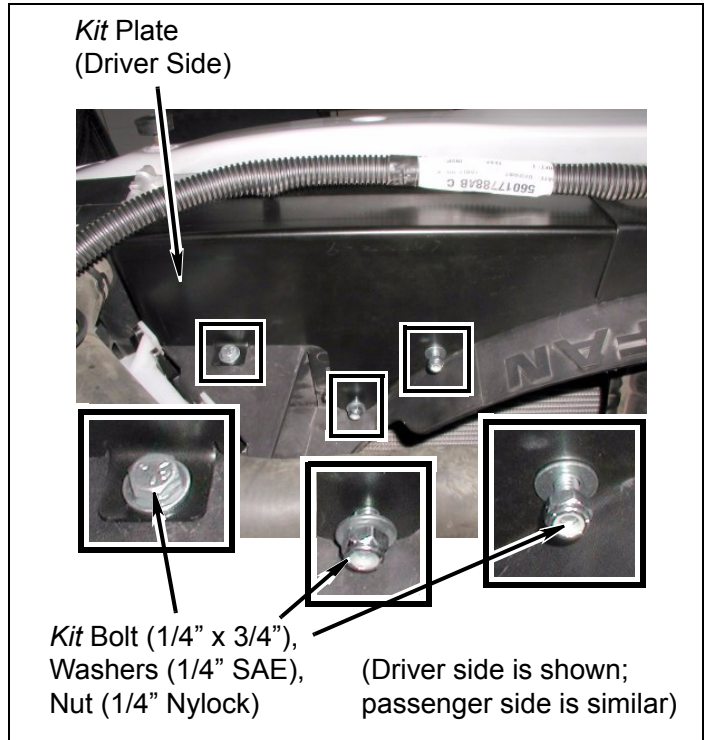
- a. Thread fan clutch onto shaft counter-clockwise (left-hand threads).
- b. Using a 36mm wrench, tighten fan clutch to manufactures specifications.

15. Fan shroud.

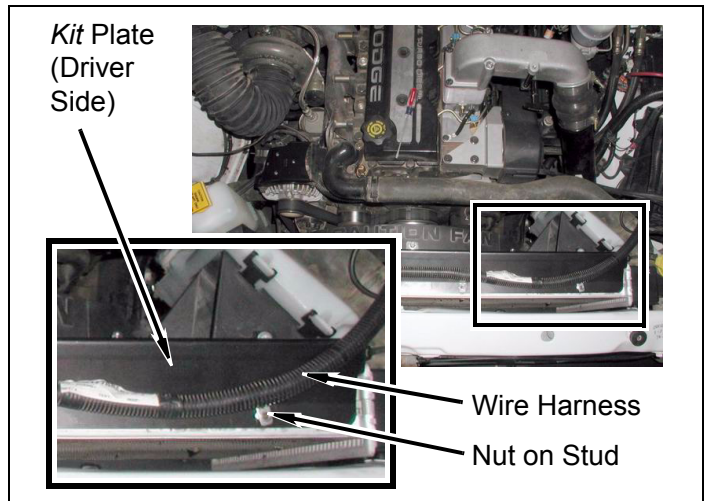
- a. Install fan shroud on radiator using two kit **brackets** as before.
- b. Check fan shroud-to-fan clearance by rotating fan. If it contacts fan shroud, adjust position of fan shroud.

16. Top of fan shroud.

- a. Install two kit **upper plates** (driver and passenger side) to fan shroud using three kit **bolts** (1/4" x 3/4"), six kit **washers** (1/4" SAE), and three kit **nuts** (1/4" Nylock).

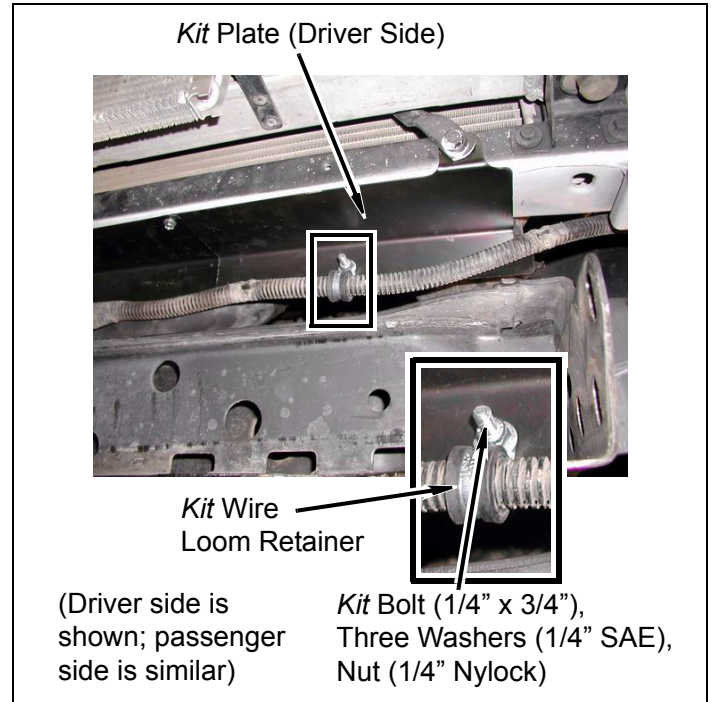
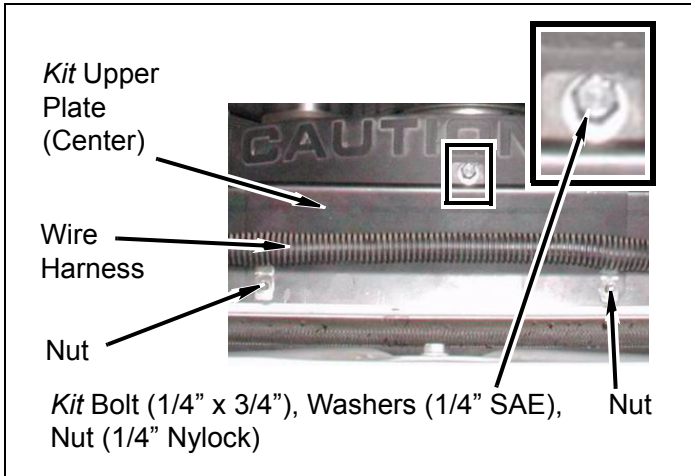


- b. Install two wire harness retainers and nuts on studs.



- c. Install kit **upper plate** (center) to fan shroud using one kit **bolt** (1/4" x 3/4"), two kit **washers** (1/4" SAE), and one kit **nut** (1/4" Nylock).
- d. Install wire harness retainer and two nuts on studs.

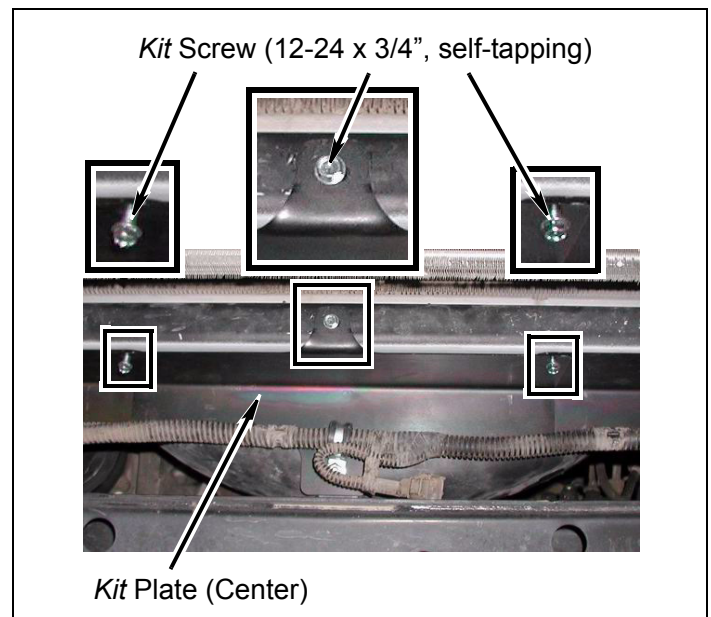
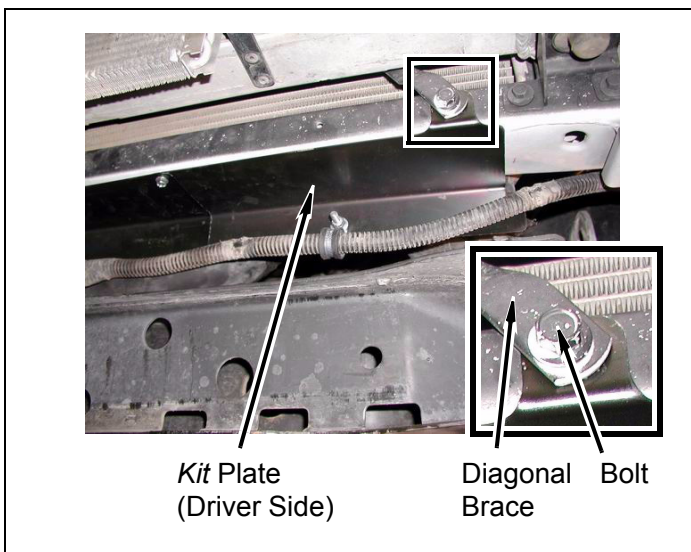
- d. Install one kit **washer**, kit **clamp** (rubber coated) and kit **nut**.



17. Lower radiator core support.

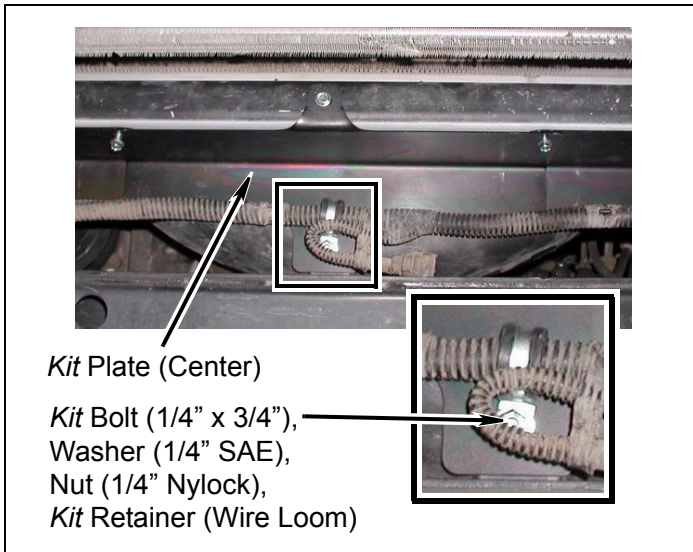
- a. Install kit **lower plate** (driver side), diagonal brace, and bolt, to radiator core lower support.

- e. Install kit **lower plate** (passenger side) using instructions in previous two steps.
- f. Install kit **lower plate** (center) and three kit **screws** (12-24 x 3/4", self-tapping) on radiator core lower support.



- b. Install a kit **clamp** (rubber coated), kit **plate** (driver side), kit **bolt** (1/4" x 3/4"), three kit **washers** (1/4" SAE), and kit **nut** (1/4" Nylock) to fan shroud.
- c. Shim kit **lower plate** with two kit **washers** between fan shroud and kit **plate**.

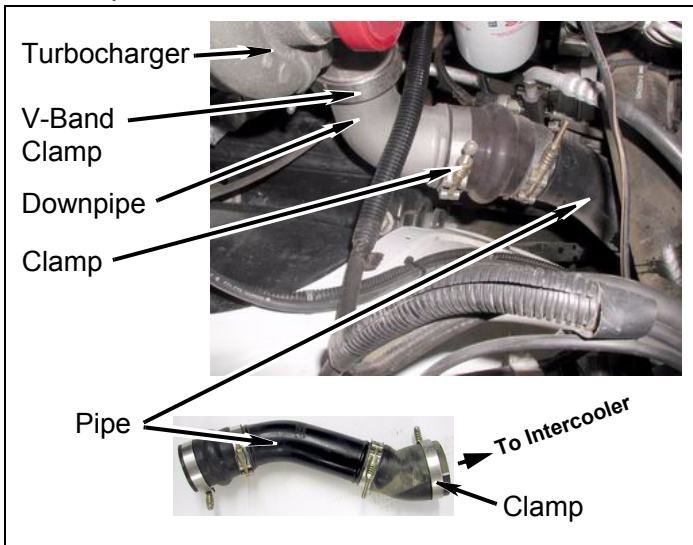
- g. Install kit **lower plate** (center), kit **bolt** (1/4" x 3/4"), kit **washer** (1/4" SAE), wire harness in kit **clamp** (rubber coated), and kit **nut** (1/4" Nylock) on bottom of fan shroud.



**CAUTION**

Remove the cover that was installed to prevent foreign objects from entering the inlet at the bottom of the intercooler.

- 18. Install turbocharger-to-intercooler pipe on turbocharger downpipe and intercooler. Tighten all clamps.



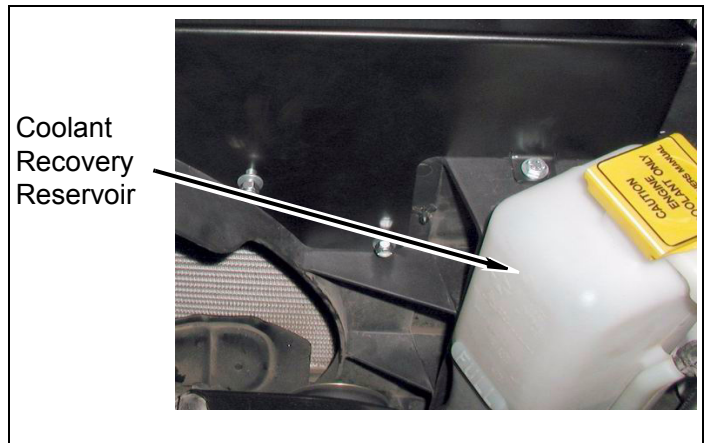
**NOTE**

It may be necessary to rotate pipe and rubber connecting hoses for installation.

- 19. Coolant recovery reservoir.

- a. Close drain petcock at bottom of radiator.

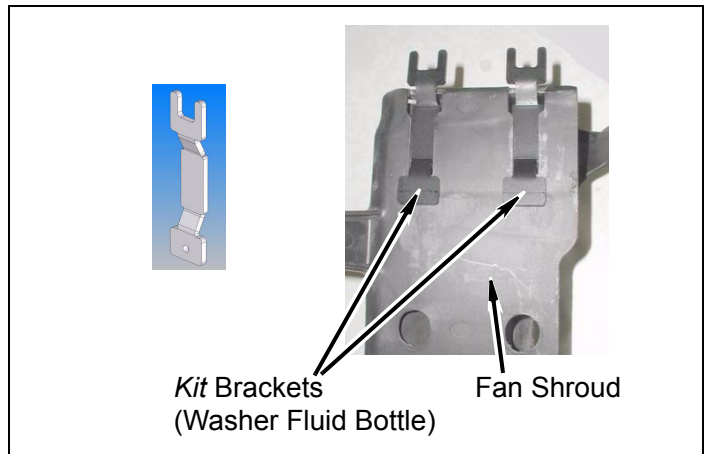
- b. Install coolant recovery reservoir on fan shroud.



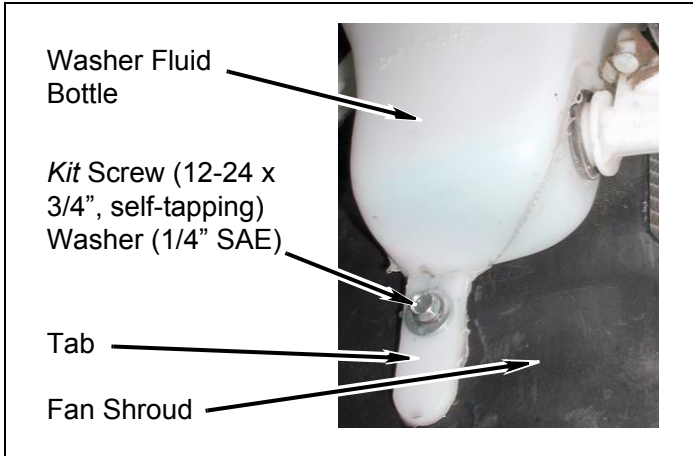
- c. Connect radiator overflow hose to reservoir.
- d. Fill radiator and reservoir.

- 20. Washer fluid bottle.

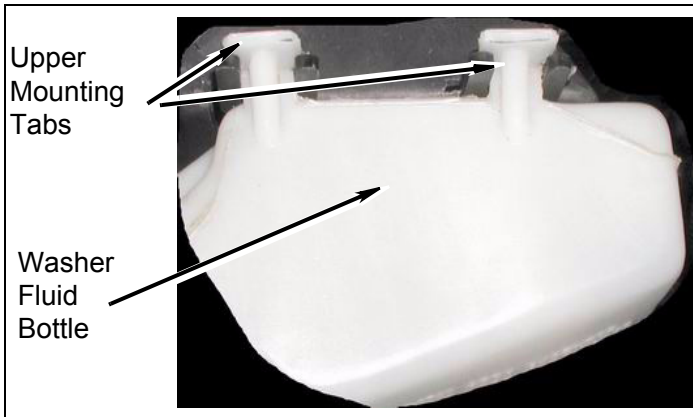
- a. Install kit **brackets** (washer fluid bottle) on driver side of fan shroud.
- b. Install washer fluid bottle on kit **brackets** (washer fluid bottle).



- c. Install bottom of washer fluid bottle, kit **screw** (12-24 x 3/4", self-tapping), and kit **washer** (1/4" SAE) to fan shroud.



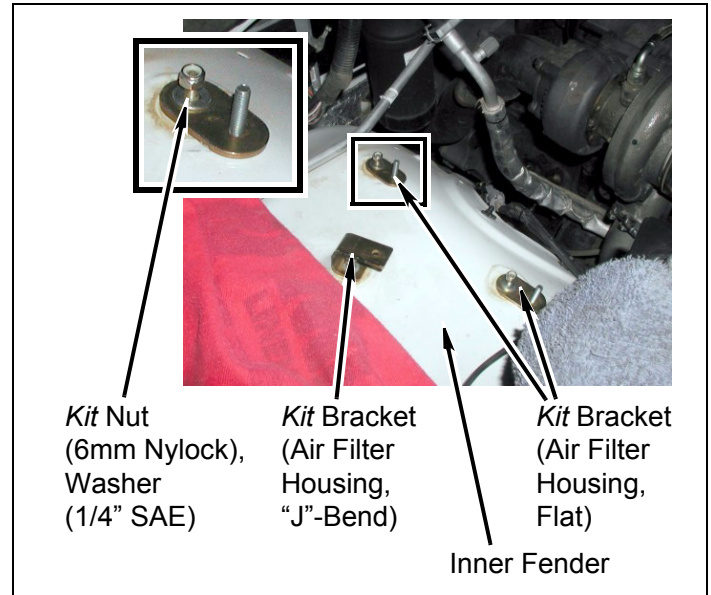
- d. Trim excess material from upper washer fluid bottle tabs.



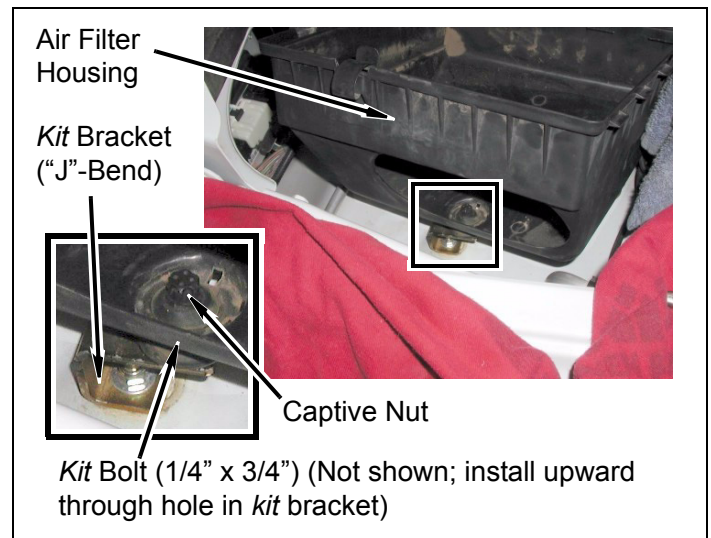
- 21. Install upper radiator hose to radiator.

- 22. Air filter housing.

- a. Install two kit **brackets** (air filter housing flat), one kit **bracket** (air filter housing "J"-bend), three kit **washers** (1/4" SAE) and three kit **nuts** (6mm Nylock) on passenger side inner fender.



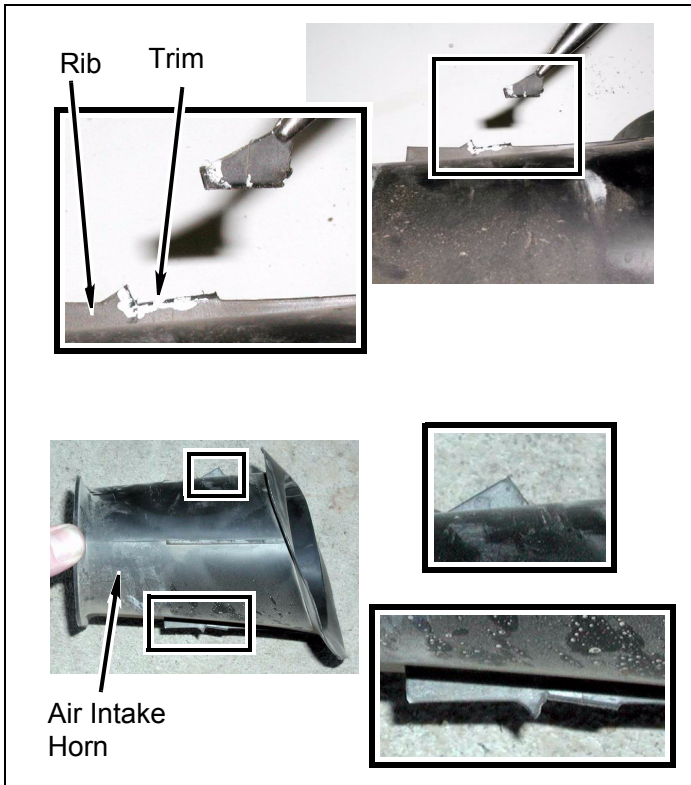
- b. Install air filter housing.
- c. Install a kit **bolt** (1/4" x 3/4") upward through hole in kit **bracket** ("J"-bend).
- d. Install plastic nuts onto studs and kit **bolt** (1/4" x 3/4").



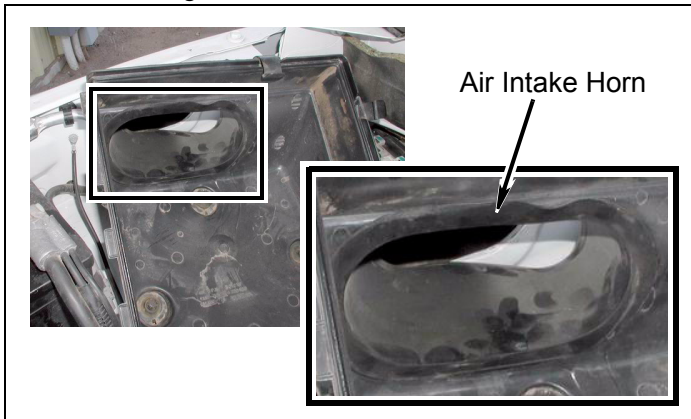


23. Air intake horn.

- a. Trim ribs of air intake horn (one at top and one at bottom of horn).



- b. Install air intake horn upside down (side marked TOP must be facing down) into hole in air filter housing and inner fender.

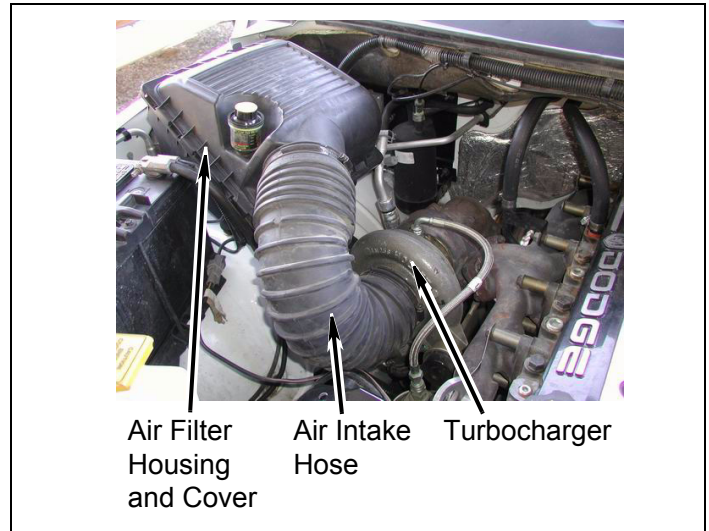


**⚠ NOTE**  
The horn will not fit tightly; there will be some clearance between horn and housing.

24. Air filter.

- a. Install air filter and cover on housing.

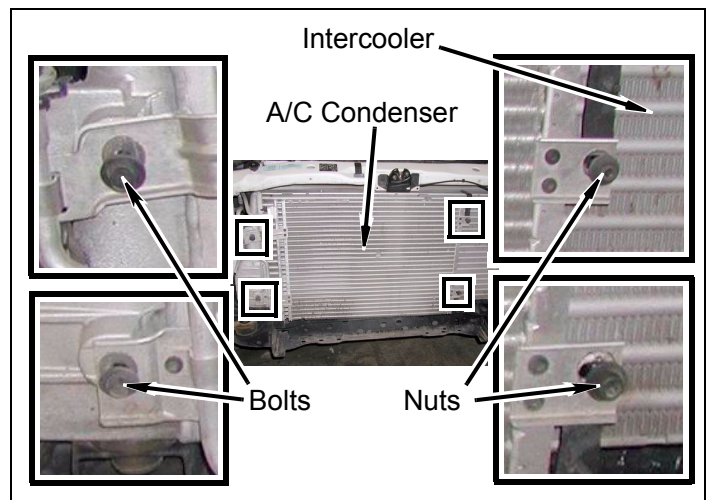
- b. Install air intake hose on air filter housing and turbocharger inlet. Tighten hose clamps.



**H. Front of Vehicle**

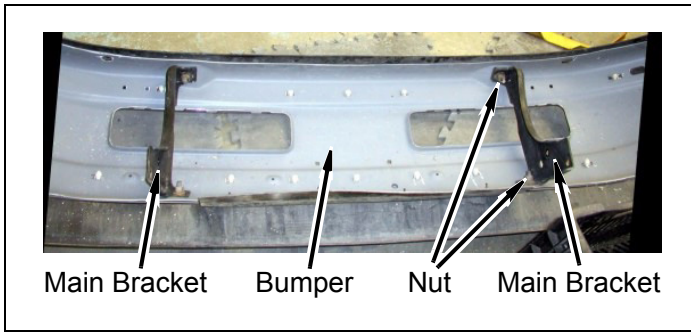
1. **Vehicles with A/C:** A/C condenser.

- a. Remove wire that was installed to secure A/C condenser to bracket (driver side).
- b. Install two bolts, two nuts, and A/C condenser on intercooler.

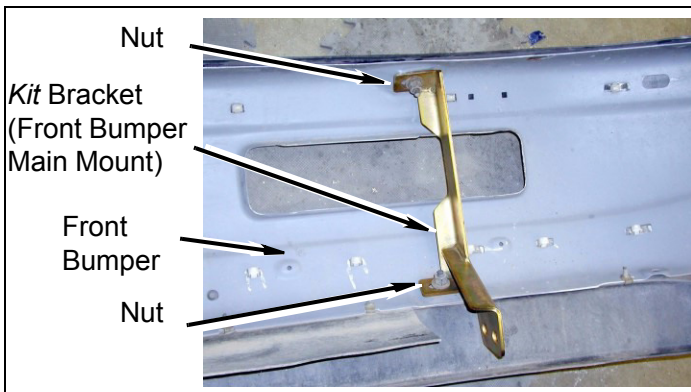


2. Front bumper brackets.

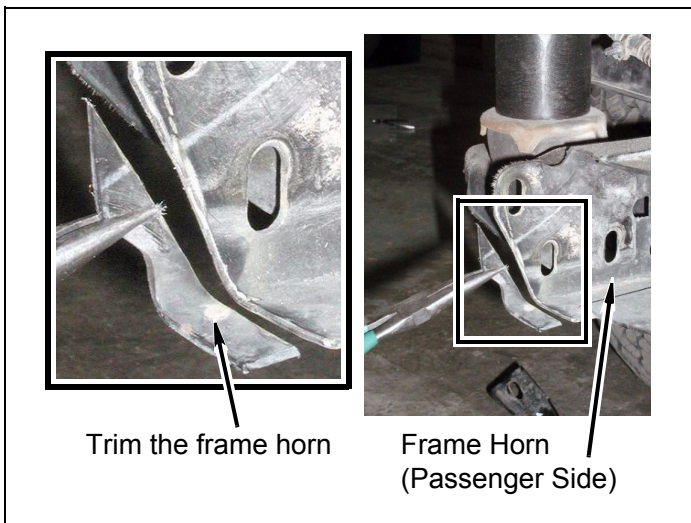
- a. Remove four nuts and factory brackets from front bumper.



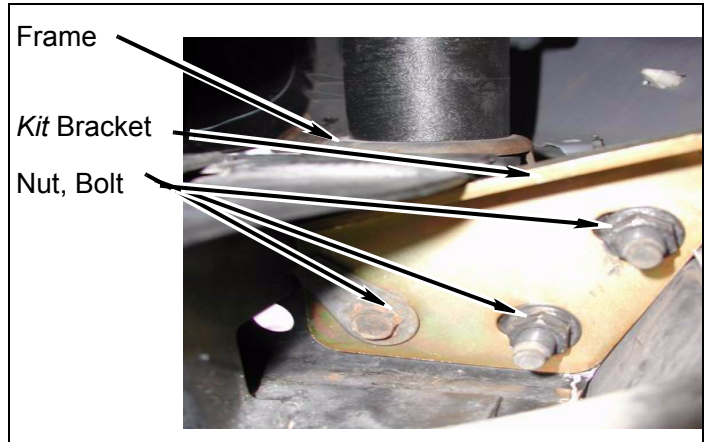
- b. Install kit **brackets** (front bumper main mount) on bumper with factory nuts. DO NOT tighten.



- c. Trim about 1/4"-1/2" off of front frame horns as shown.

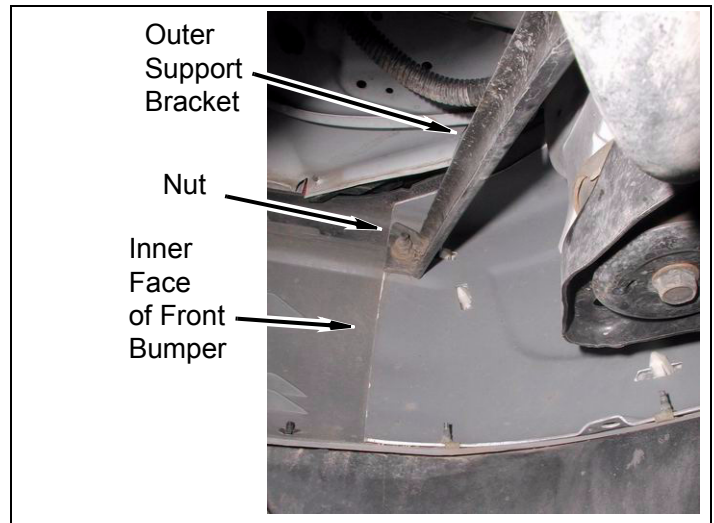


- d. Install bumper, factory nuts, and bolts. DO NOT tighten.



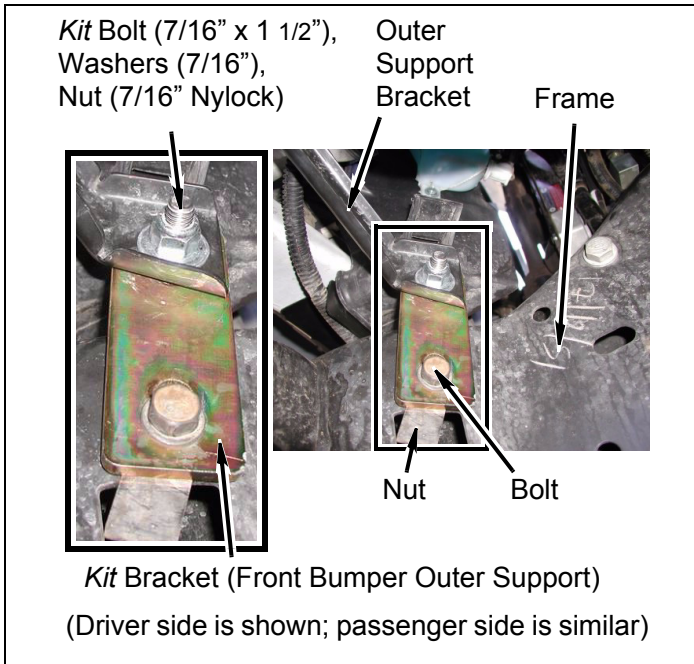
- e. Apply a few drops of Loctite® to all bumper mounting bolts.

- f. Install factory outer support brackets with factory nuts. DO NOT tighten.



- g. Install *kit brackets* (front bumper outer support) on frame with factory bolts and nuts. DO NOT tighten.

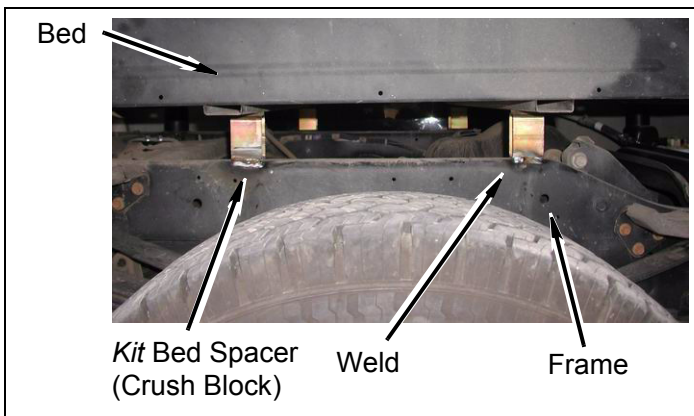
- h. Install factory outer support brackets, two kit **bolts** (7/16" x 1 1/2"), four kit **washers** (7/16" USS), and two kit **nuts** (7/16" Nylock) to kit **brackets** (front bumper outer support). DO NOT tighten.



- i. Set bumper-to-fender spacing according to measurements previously recorded.
  - j. Tighten all bumper mounting nuts and bolts.
3. Reconnect any wires to front bumper (fog lights, horns, ground wires, etc.).

**I. Bed Spacers (crush blocks)**

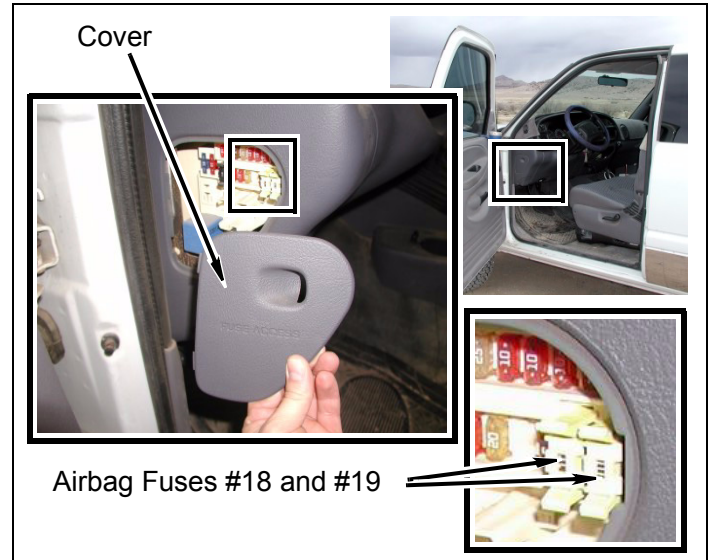
- 1. Tack-weld four kit **bed** spacers (crush blocks) to frame.



**After Completing Installation**

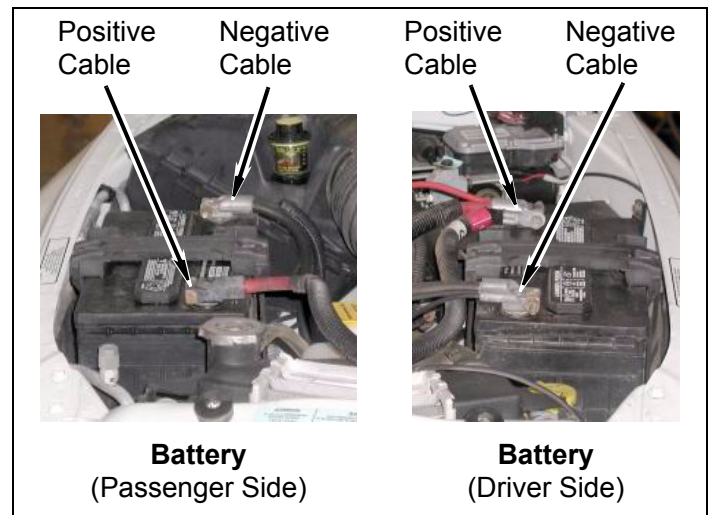
**A. Inside Cab**

- 1. Re-install airbag fuses and fuse block cover.



**B. Under Hood**

- 1. Connect cables to both batteries. Connect positive cables first, then negative cables.



## C. Miscellaneous

1. Apply kit **label** (warning) to dashboard in plain sight of all vehicle occupants.
2. Check all mounting hardware to ensure it is properly tightened.
3. Check all wires, hoses, cables, etc. to ensure they have been properly connected and there is ample slack.
4. Start engine and top off cooling system. Purge air from cooling system according to manufacturer's instructions. Install radiator cap.

### ⚠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.

## D. Dynamic Vehicle Check

1. Test-drive vehicle. Check steering in both directions to ensure that there is no bind. Check operation of clutch, brake system, and parking brake. Check operation of transmission and transfer case. Ensure there is full engagement in all gears and 4WD ranges. Check battery connections and electrical component operations.

### ⚠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.

### ⚠CAUTION

Performance Accessories 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 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.

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# Parts List

## Qty. Description

### Kit 60133

- 4 **Bed spacer** (crush block)
- 2 **Block**, lift 3" height x 2" diameter
- 14 **Block**, lift 3" height x 3" diameter
- 1 **Block**, riser
- 2 **Bolt**, 8mm-1.25 x 30mm
- 2 **Bolt**, 8mm-1.25 x 50mm
- 2 **Bolt**, 8mm-1.25 x 250mm
- 8 **Bolt**, 10mm-1.50 x 100mm
- 8 **Bolt**, 12mm-1.75 x 180mm
- 11 **Bolt**, 1/4" x 3/4"
- 1 **Bolt**, 3/8" x 1 1/4" Allen head
- 3 **Bolt**, 5/16" x 1 1/4"
- 2 **Bolt**, 7/16" x 1 1/2"
- 6 **Bolt**, 1/2" x 1 1/2"
- 2 **Bracket**, air filter housing flat
- 1 **Bracket**, air filter housing "J"-bend
- 1 **Bracket**, auto trans. shift pivot drop down
- 2 **Bracket**, fan shroud-to-radiator
- 1 **Bracket**, front bumper main mount driver side
- 1 **Bracket**, front bumper main mount pass. side
- 2 **Bracket**, front bumper outer support
- 1 **Bracket**, rear bumper driver side
- 1 **Bracket**, rear bumper passenger side
- 2 **Bracket**, washer fluid bottle
- 2 **Bracket**, wire harness bracket-to-firewall
- 7 **Clamp**, hose #10
- 3 **Clamp**, hose #28
- 3 **Clamp**, rubber coated
- 1 **Extension**, auto trans. shift linkage 3/8" x 3"
- 1 **Extension**, fuel filler 1 1/2" x 5"
- 1 **Extension**, fuel vent 3/4" x 3"
- 1 **Extension**, manual trans. shift lever 5/8" x 3"
- 1 **Extension**, steering
- 2 **Gasket**, riser block
- 2 **Hose**, 5/8" x 16"
- 1 **Label**, logo
- 1 **Label**, warning
- 1 **Loctite®**, 6ml tube

## Qty. Description

- 3 **Nut**, 6mm Nylock
- 14 **Nut**, 1/4" Nylock
- 3 **Nut**, 5/16" Nylock
- 2 **Nut**, 7/16" Nylock
- 10 **Nut**, 1/2" Nylock
- 1 **Plate**, fan shroud lower center
- 1 **Plate**, fan shroud lower driver side
- 1 **Plate**, fan shroud lower pass. side
- 1 **Plate**, fan shroud upper center
- 1 **Plate**, fan shroud upper driver side
- 1 **Plate**, fan shroud upper pass. side
- 4 **Screw**, 12-24 x 3/4" self-tapping
- 2 **Spacer**, 3/4"
- 2 **Spacer**, 7/8"
- 1 **Spacer**, 3" with machined relief
- 3 **Tie**, zip
- 8 **Washer**, 10mm x 30mm
- 28 **Washer**, 1/4" SAE
- 10 **Washer**, 5/16" SAE
- 12 **Washer**, 7/16" USS
- 16 **Washer**, 1/2" USS

### **△NOTE**

Depending on the vehicle configuration (automatic or manual transmission, 2WD or 4WD, cab and bed length, etc.), some parts may not be used.