



3651 N. Highway 89  
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## INSTALLATION INSTRUCTIONS 2000-2002 TOYOTA TUNDRA V8/AUTO TRANS 2WD/4WD KIT #5563

### ⚠WARNING

Installation of a Performance Accessories body lift 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 your owners 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 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.

### ⚠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 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

Performance Accessories strongly discourages the use of a suspension lift kit or any other lift device in addition to a body lift kit. A vehicle that uses a combination of lift devices not originally engineered to be used together may result in unexpected and unsafe handling characteristics. 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.

### ⚠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

To ensure the Supplemental Restraint System (SRS, or air bag) is not accidentally deployed during lift kit installation, always ground yourself and the vehicle. Do not use power or pneumatic tools. Exercise extreme caution while working near SRS sensors and wiring. Do not allow anyone near air bags during lift kit installation. Accidental deployment can result in serious personal injury or death.

### ⚠NOTE

Performance Accessories recommends using the Loctite® supplied in the kit on all hardware unless noted in the instructions.

## A. Before you start.

### ⚠NOTE

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

### ⚠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. Read all warnings and instructions completely and carefully before you begin.
2. Check to make sure the kit is complete (refer to the Parts List, section E).
3. Only install this kit on the vehicle for which it is intended. If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-0979.
4. Park the vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
5. Disconnect both battery cables. Disconnect the negative cable (1) first, then the positive cable (2) from the battery (3).



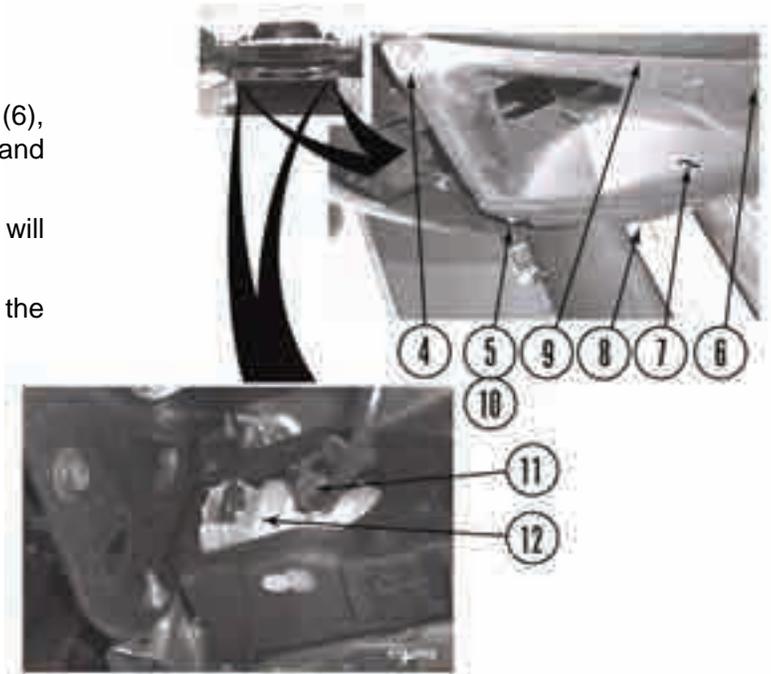
## B. Get ready to install the kit.

### 1. Remove the front bumper.

a. Remove four bolts (4 and 5), two panel clips (6), and two mudguards (7) from the skidplate (8) and front bumper (9). These items will not be reused.

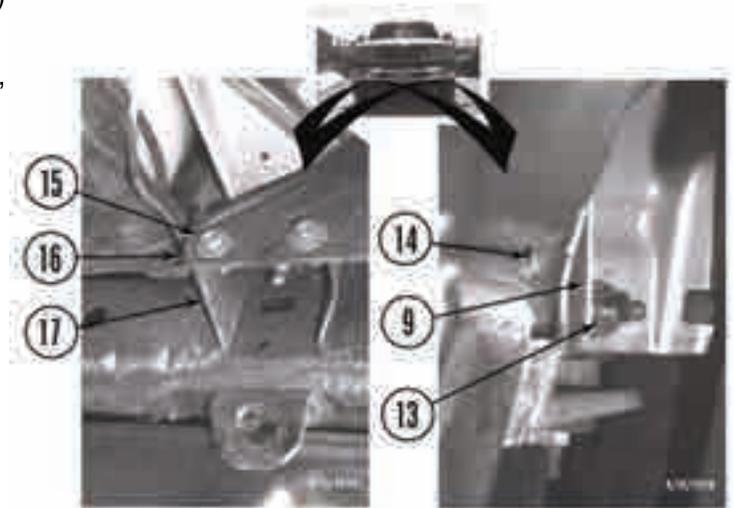
b. Remove four white nutserts (10). These items will not be reused.

c. Remove two parking light lamps (11) from the parking lights (12).

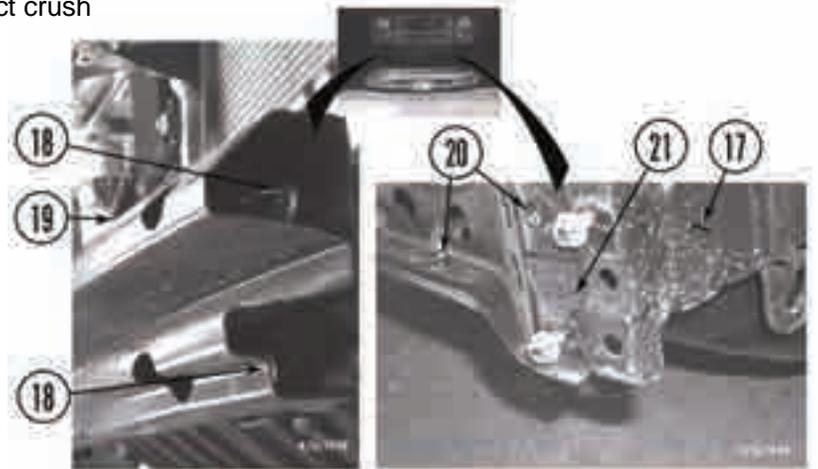


d. Remove two nuts (13) from the front bumper (9) and front fenders (14).

e. Remove four bolts (15), two bumper brackets (16), and front bumper (9) from the frame (17).



f. Remove four nuts (18), low speed impact crush zone (19), four bolts (20), and inner low impact crush zone (21) from the frame (17).

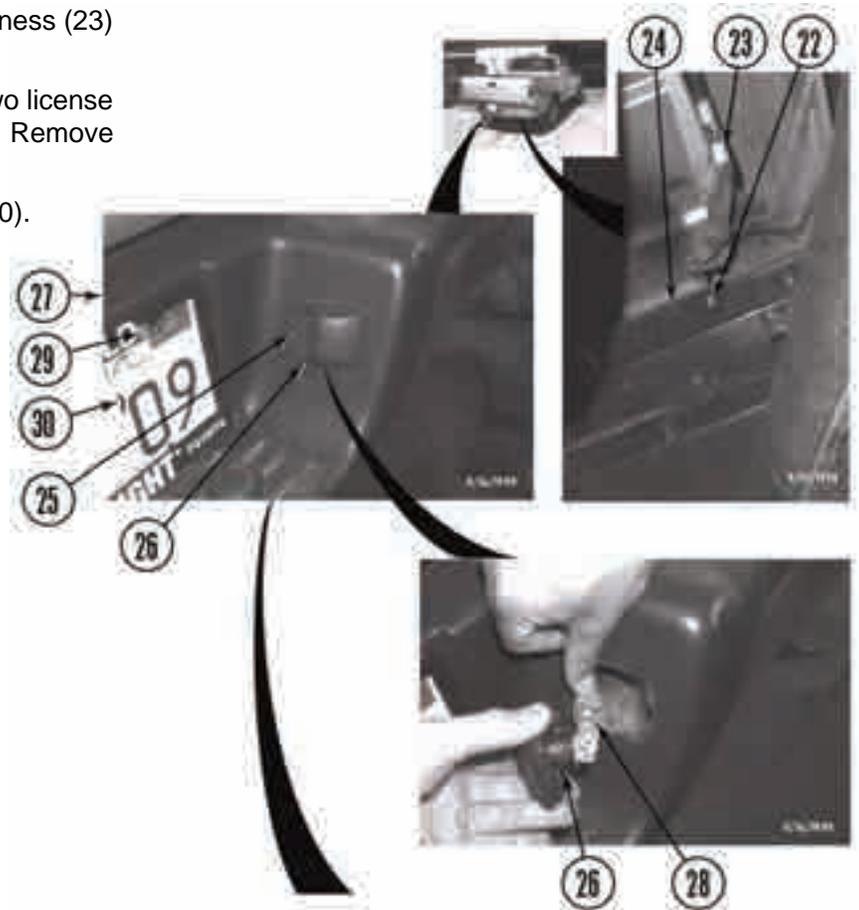


2. Remove the rear bumper.

a. Cut two plastic clips (22) and remove harness (23) from rail (24).

b. Remove two screws (25) and separate two license plate lights (26) from the rear bumper (27). Remove lights from two connectors (28).

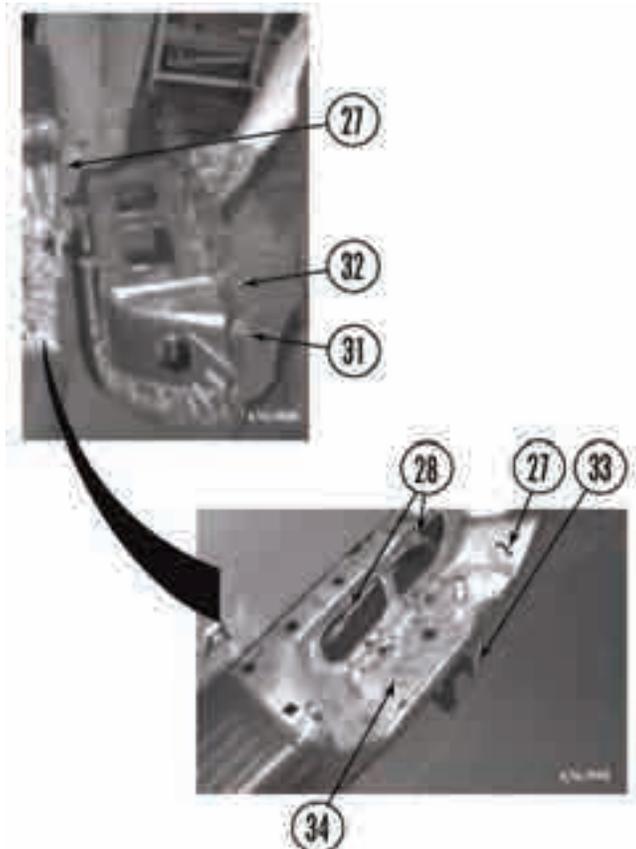
c. Remove screws (29) and license plate (30).



d. Squeeze and push clamps (31) to remove rubber insert (32) from rear bumper (27).

e. Feed two connectors (28) through rear bumper (27).

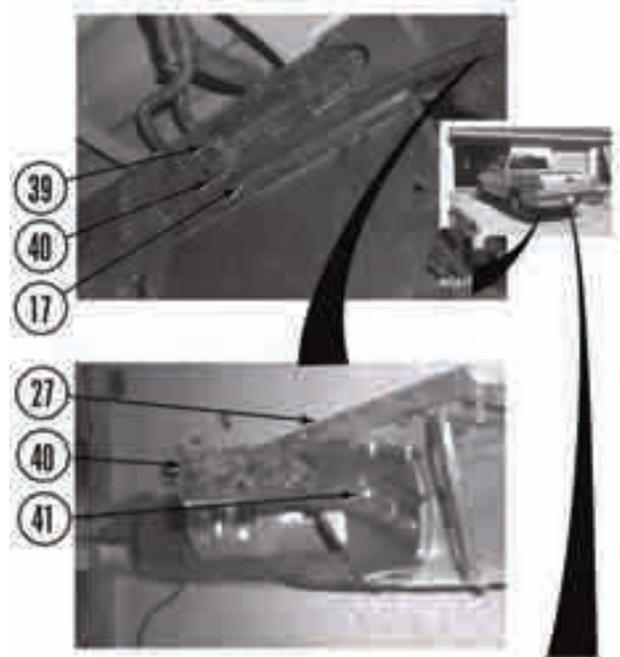
f. If equipped with a bumper hitch (33), remove two bolts (34) from rear bumper (27) and hitch.



g. Hitch wiring (35), connectors (36 and 37), and connector mounting fasteners (38) may vary. Ensure all hitch wiring is removed before removing rear bumper (27).

h. Remove six bolts (39), two brackets (40), and rear bumper (27) from the frame (17).

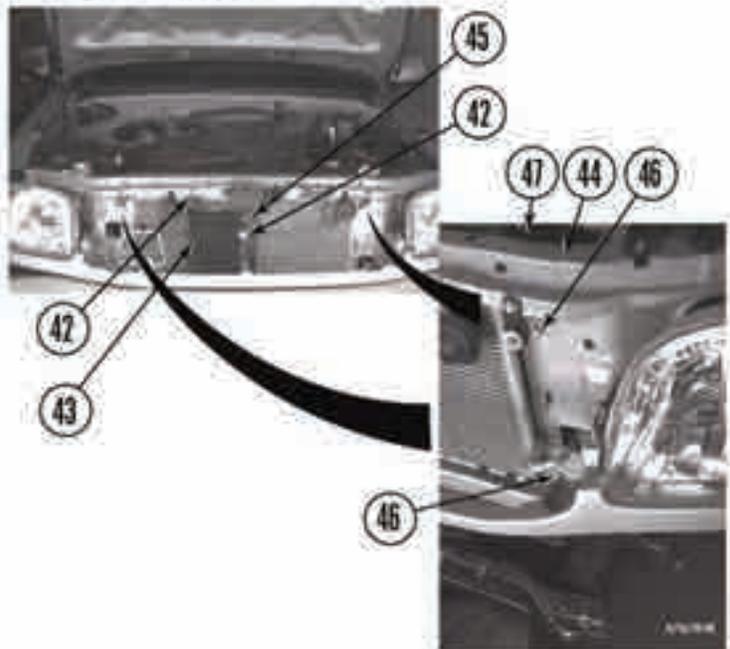
i. Remove four bolts (41) and two brackets (40) from the rear bumper (27). Rear bumper brackets will not be reused.



3. Under the hood.

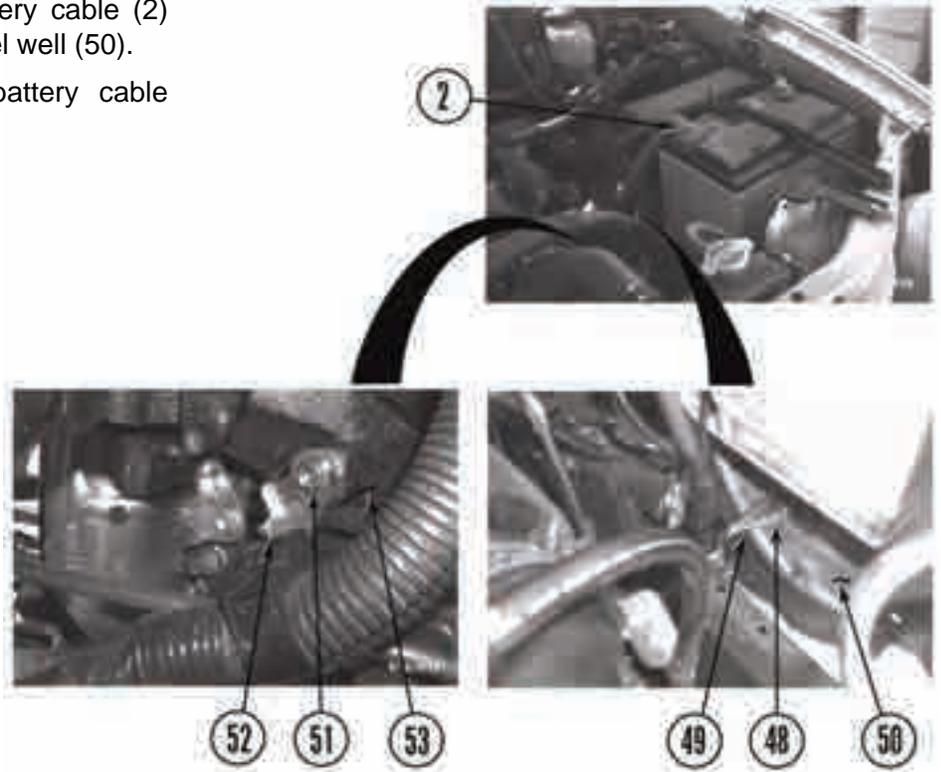
a. Remove three bolts (42) and transmission fluid cooler (43) from the core support (44) and latch support (45).

b. Remove four bolts (46) and radiator (47) from the core support (44). Lay radiator back against engine.

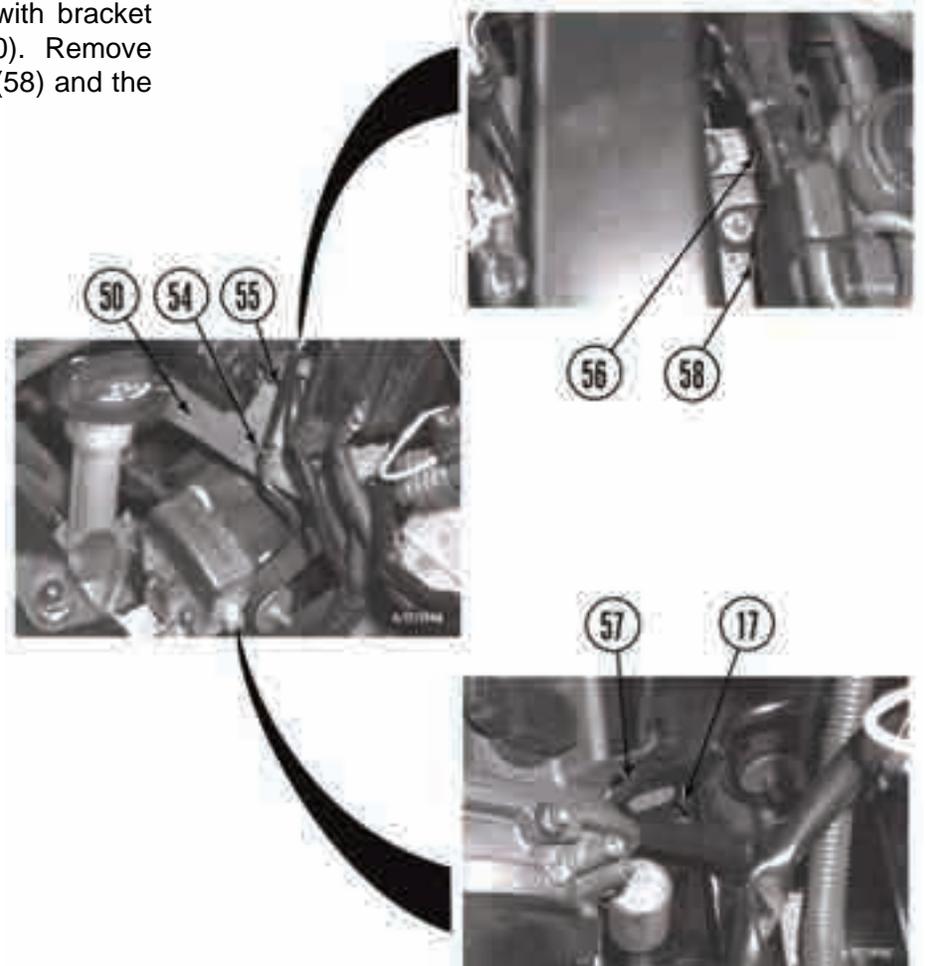


c. Remove bolt (48) and positive battery cable (2) bracket (49) from the driver's side wheel well (50).

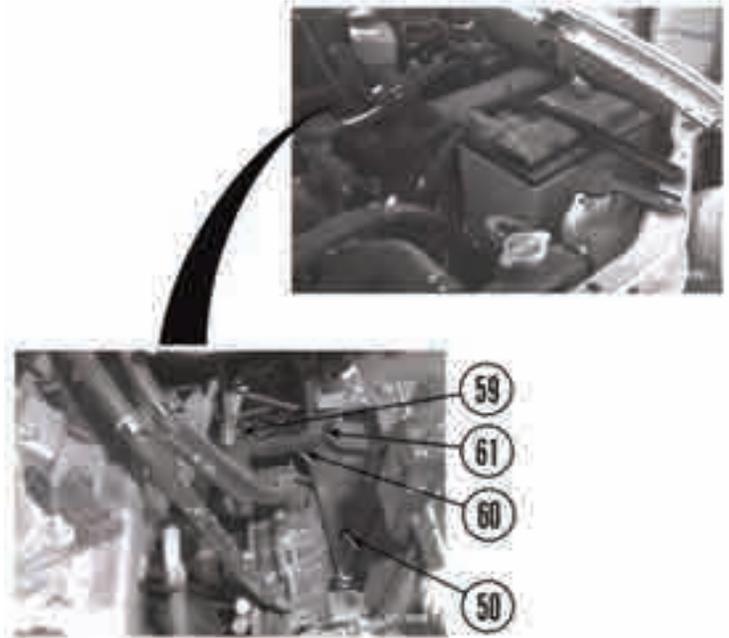
d. Remove bolt (51) and positive battery cable bracket (52) from the motor mount (53).



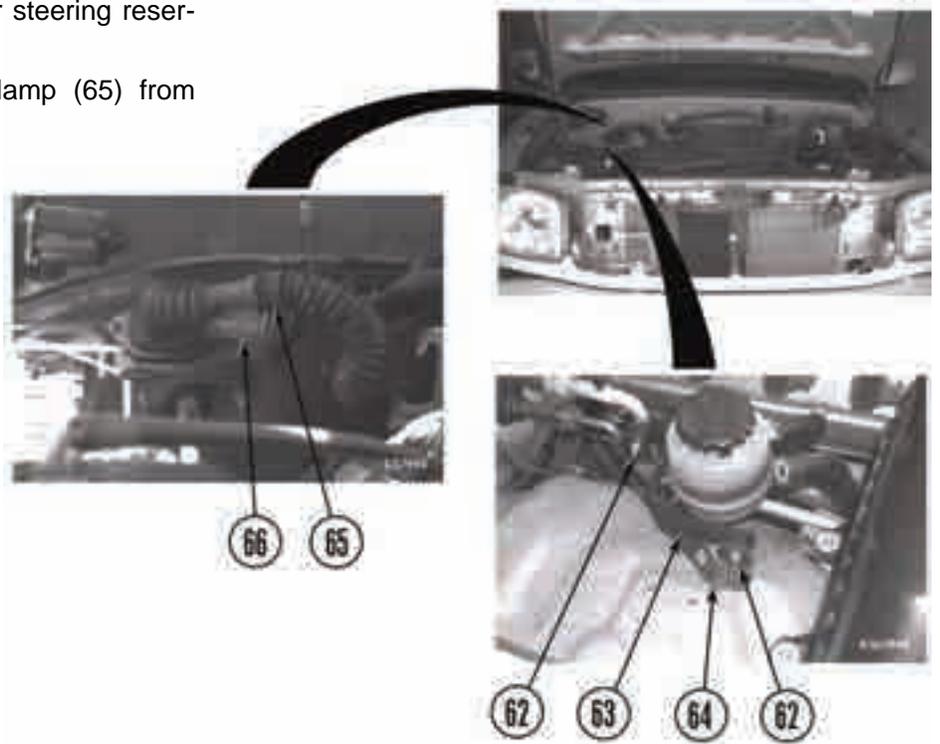
e. Remove bolt (54) and vacuum line with bracket (55) from the driver's side wheel well (50). Remove two vacuum lines (56 and 57) from box (58) and the frame (17). Discard longer line.



f. Remove shift cable (59) from bracket (60).  
Remove bolt (61) and bracket (60) from the driver's side wheel well (50).



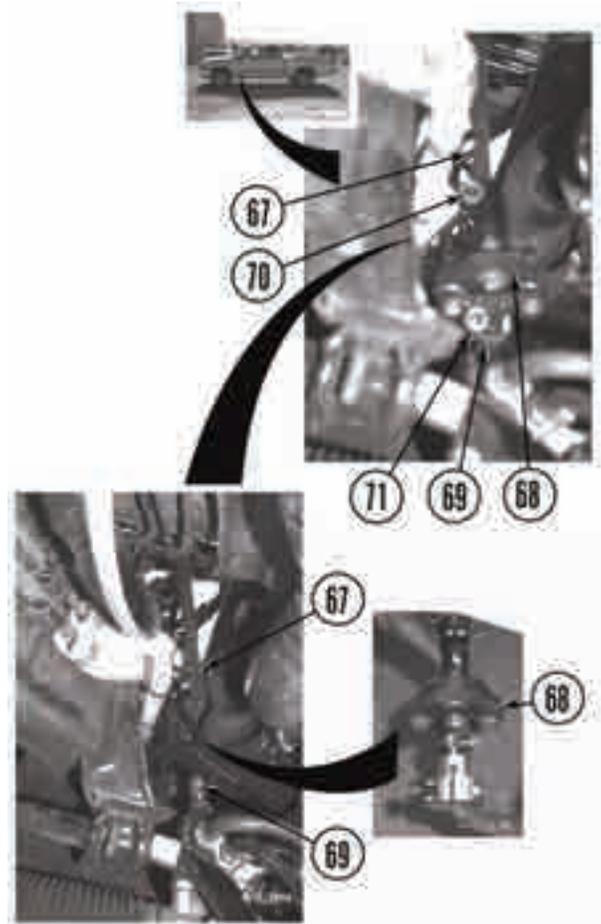
g. Remove two nuts (62) and power steering reservoir bracket (63) from bracket (64).  
h. Lift tab and remove harness clamp (65) from bracket (66).



**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.

4. Remove the steering shaft.
  - a. Straighten steering wheel and strap the wheel so it will not turn.
  - b. Mark the steering shaft (67), rag joint (68), and rack and pinion shaft (69).
  - c. Remove two bolts (70 and 71) from rag joint (68).
  - d. Slide rag joint (68) up and remove from rack and pinion shaft (69) and then from steering shaft (67).

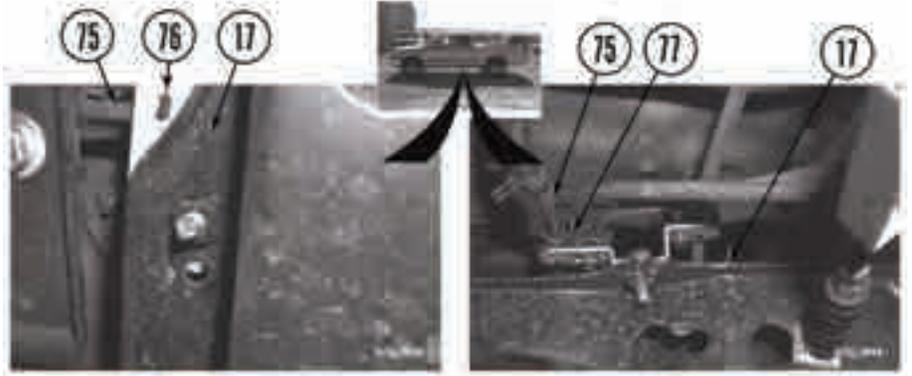


5. Remove 18 panel clips (72) and four guards (73) from driver's side wheel well (50), passenger side wheel well (74), and the frame (17).

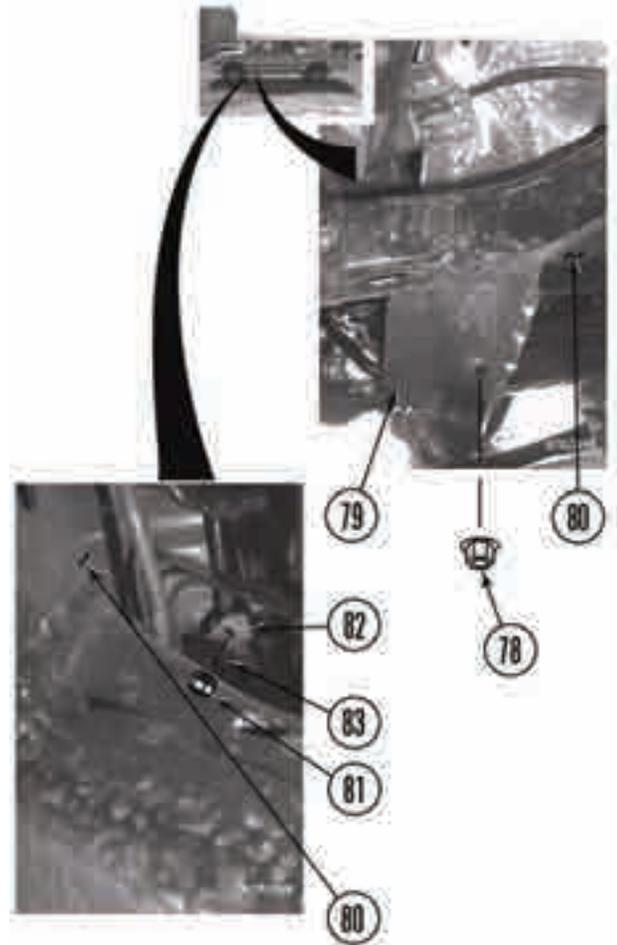


6. Under the cab.

a. Remove gas line (75) from two plastic clips (76 and 77) on the frame (17) crossmember.



b. Remove three nuts (78) and heat shield (79) from cab floor (80).



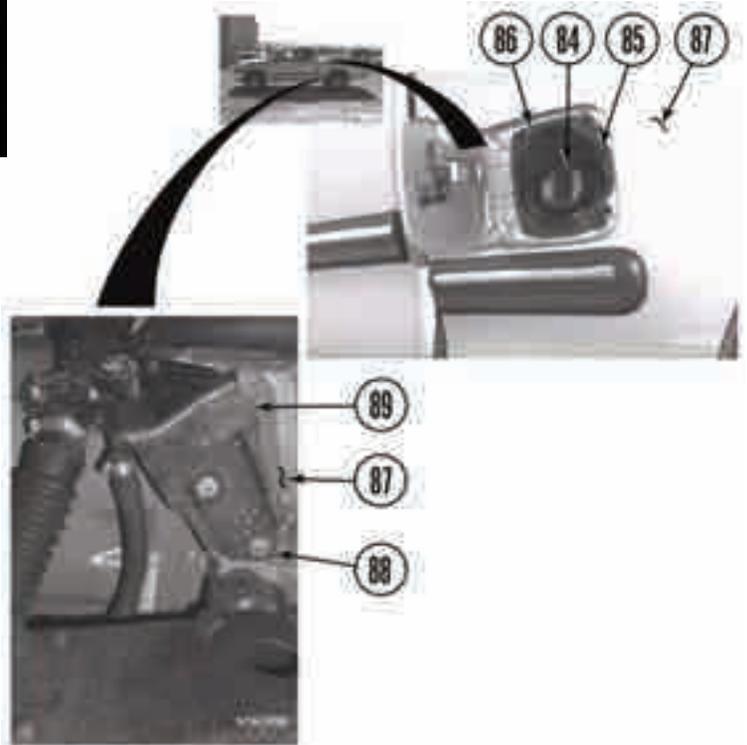
c. Remove nut (81), parking brake cable bracket (82), and gas line bracket (83) from cab floor (80).

**⚠️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.

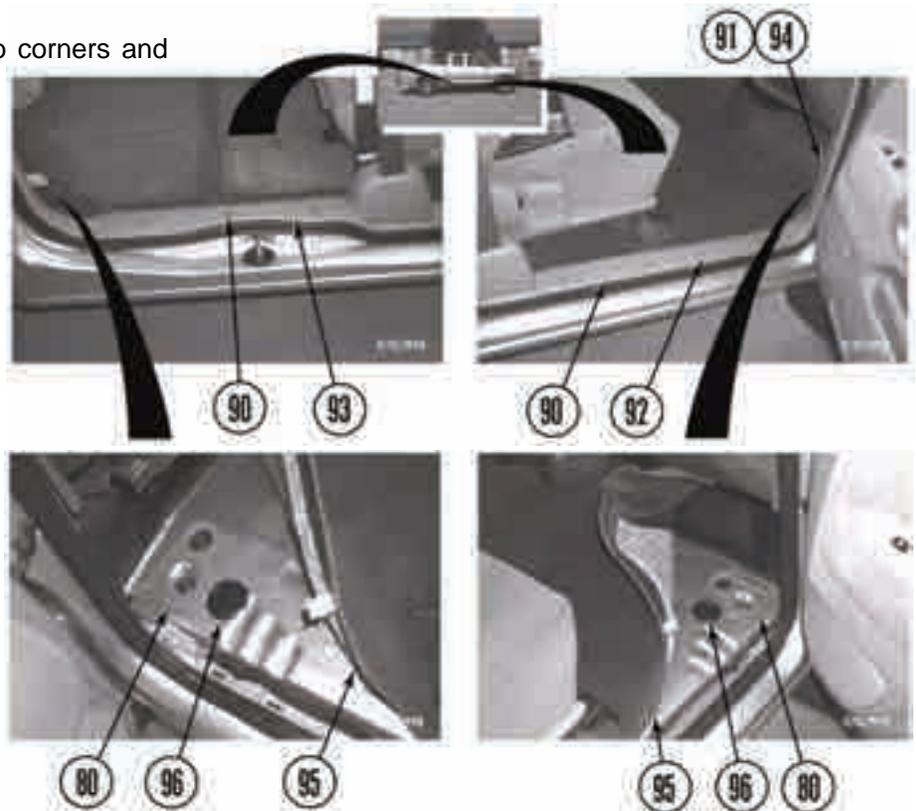
7. Remove the fuel filler.

- a. Remove gas cap (84).
- b. Remove four screws (85) and filler surround (86) from the bed (87).
- c. Remove two nuts (88) from fuel filler neck (89) and let fuel filler neck drop down from the bed (87).



8. Inside the cab.

- a. Remove fourteen screws (90), two nuts (91), four scuff plates (92 and 93), and two kick panels (94) from cab floor (80).
- b. Pull back carpet (95) at all four cab corners and remove four rubber caps (96).



## C. Install the kit.

1. Prepare to lift cab 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. Measure distance between the cab (97) and the bed (87). Record measurement for later cab to bed alignment reference in the instructions.
- b. Loosen but do not remove six cab mounting bolts (98, 99, and 100).

### ⚠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.

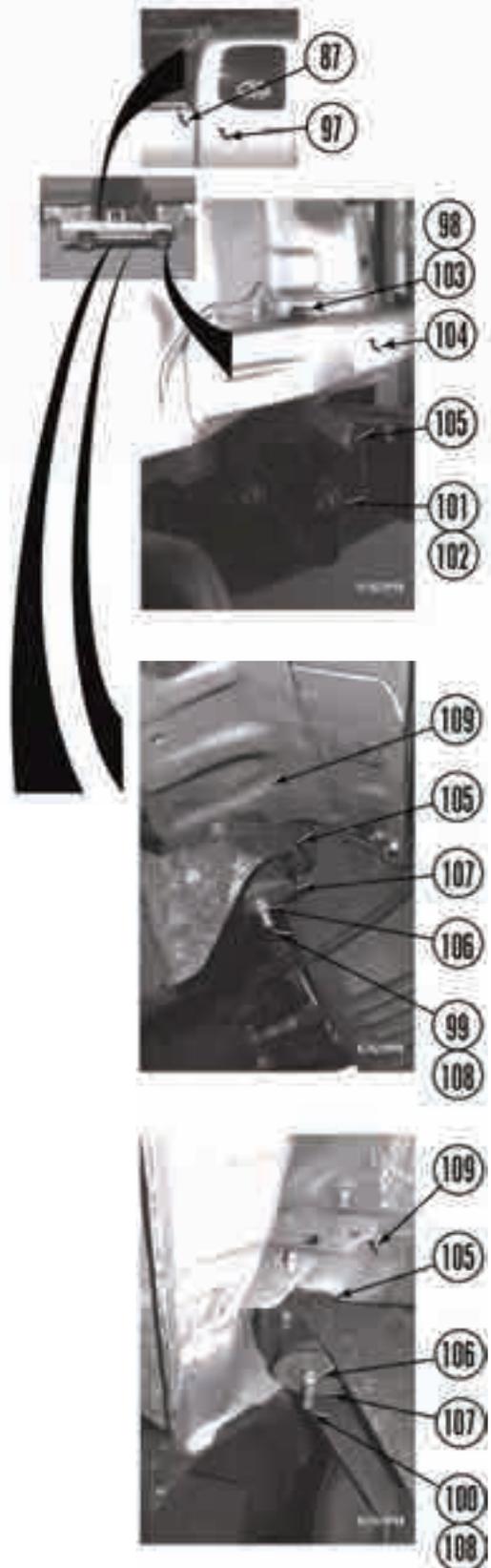
### ⚠CAUTION

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.

### ⚠NOTE

Ensure stock spacers and body mounting pads stay on vehicle unless otherwise specified in these instructions. Kit spacer blocks are installed in addition to the stock spacers and body mounting pads.

- c. Remove nut (101), bushing (102), and bolt (98) with captive washer (103) from the passenger side core support mounting pad (104) and passenger side frame mounting pad (105).
- d. Remove two nuts (106), washers (107), and bolts (99 and 100) with captive washers (108) from the passenger side frame mounting pads (105) and cab mounting pads (109).



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

a. Using a hydraulic jack and a wooden block, slowly lift the cab (97) passenger side just high enough to position the *kit* spacer blocks (110 and 111) on the frame mounting pads (105).

b. Position three *kit* spacer blocks (110 and 111) on top of the passenger side frame mounting pads (104 and 105).

c. Remove three captive washers (103 and 108) from bolts (98, 99, and 100).

d. Install three captive washers (103 and 108) on *kit* bolts (112 and 113).

e. Install a *kit* 3/8" x 9" bolt (112) and captive washer (103) through the cab passenger side core support mounting pad (104), *kit* spacer block (110), top bushing (114), frame mounting pad (105), bottom bushing (115), and washer (116) with *kit* 3/8" nylock nut (117). Do not tighten.

f. Install a *kit* 3/8" x 9" bolt (112) and captive washer (108) through the cab floor (80), *kit* spacer block (111), top bushing (118), frame mounting pad (105), bottom bushing (119), and washer (120) with *kit* 3/8" nylock nut (117). Do not tighten.

g. Install a *kit* 3/8" x 7 1/2" bolt (121) and captive washer (108) through the cab floor (80), *kit* spacer block (111), top bushing (118), frame mounting pad (105), bottom bushing (119), and washer (120) with *kit* 3/8" nylock nut (117). Do not tighten.

h. Lower cab (97) on the *kit* spacer blocks (110 and 111).

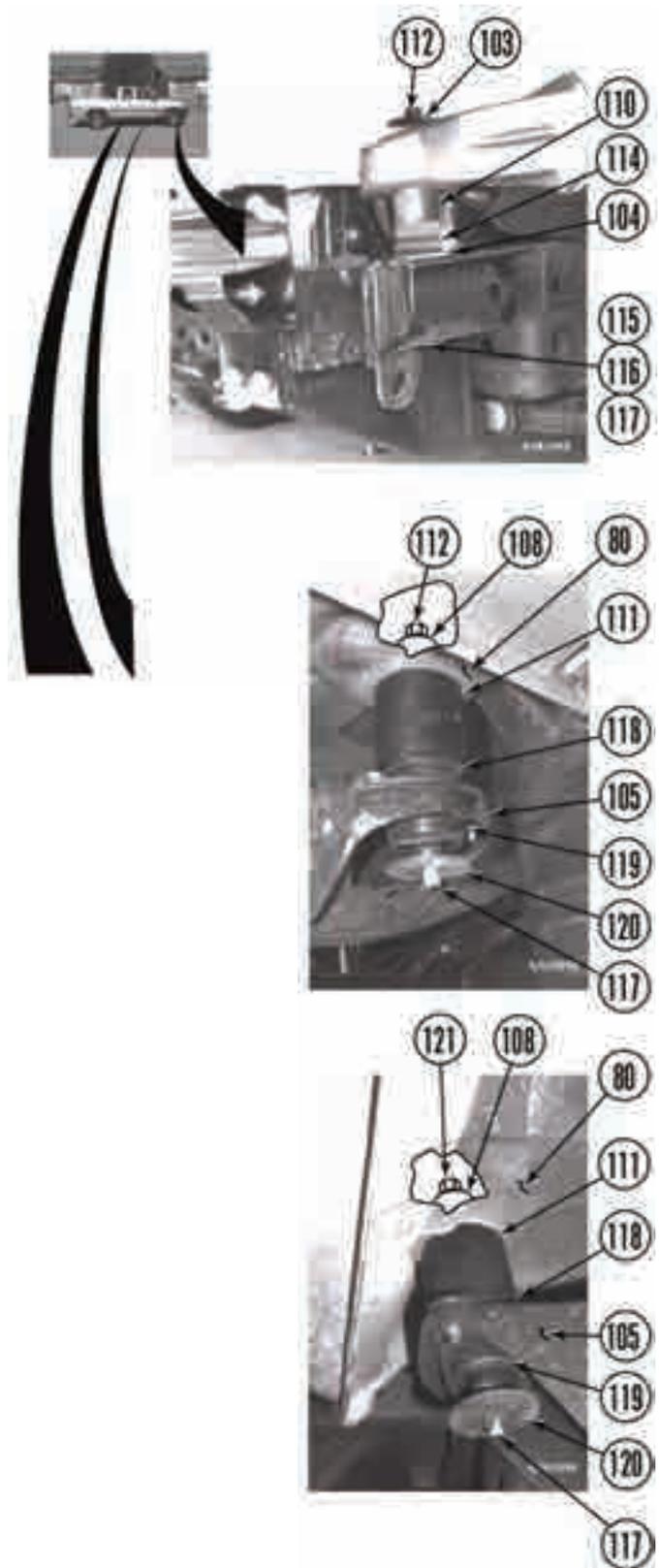
3. Install the cab driver's side spacer blocks.

a. Repeat steps C. 2. a. through h. for the cab driver's side.

4. Finish the cab spacer block installation.

a. Adjust cab to bed clearance using the measurements from step C. 1. a.

b. Remove six bolts (112 and 121) one at a time, coat threads with Loctite®, and reinstall. Tighten to 55 lb-ft.



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

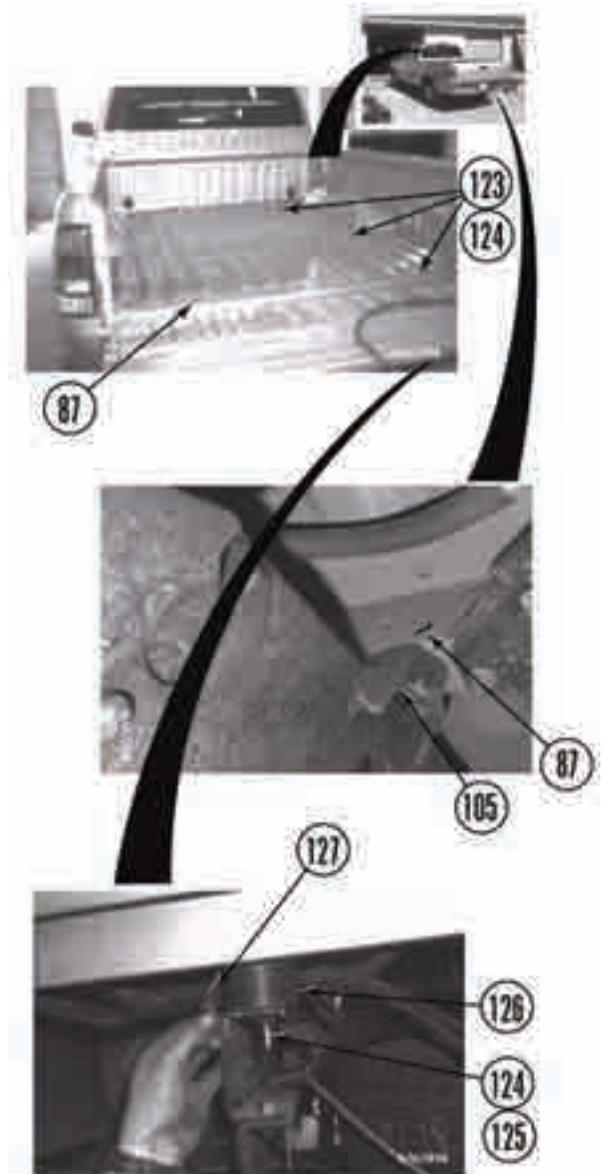
- a. Loosen but do not remove six bed mounting bolts (122).
- b. Remove three bolts (123) from the bed (87) passenger's side.
- c. Remove three captive washers (124) from bolts (123).
- d. Install three captive washers (124) on *kit* bolts (125).
- e. Using a hydraulic jack and a wooden block, slowly lift the bed (87) passenger's side just high enough to position three *kit* spacer blocks (126) on the frame mounting pads (105).
- f. Remove three rubber locating bushings (127) from frame mounting pads (105).
- g. Install three *kit* 12mm x 1.25 x 180mm bolts (125) and captive washers (124) through the bed (87), *kit* spacer blocks (126), and the frame mounting pads (105). Do not tighten.
- h. Lower the bed onto the spacer blocks (126).

6. Install the bed driver's side spacer blocks.

- a. Repeat steps C. 5 a. through h. for the bed driver's side.

7. Finish the bed spacer block installation.

- a. Adjust the cab to bed clearance using the measurements from step C. 1. a.
- b. Remove six bed mounting bolts (125) one at a time, coat threads with Loctite®, and reinstall. Tighten to 55 lb-ft.

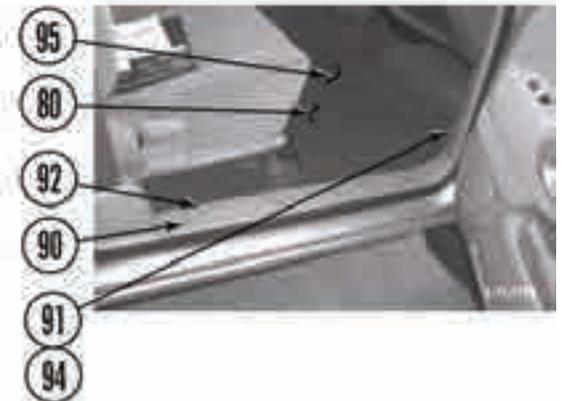


8. Install four rubber caps (96) in cab floor (80).



9. Smooth carpet (95) into four corners of cab floor (80).

10. Install two kick panels (94) and four scuff plates (92 and 93) on cab floor (80) with fourteen screws (90) and two nuts (91).

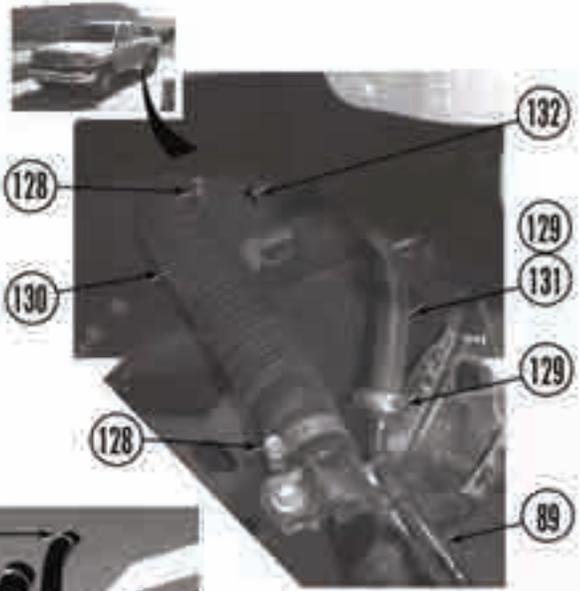


**⚠WARNING**

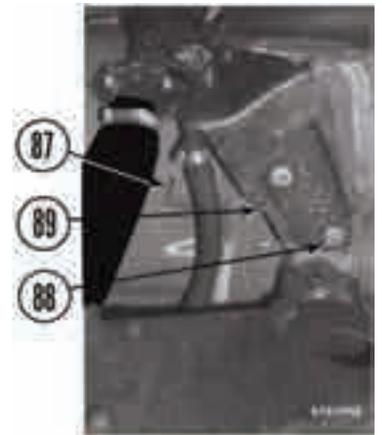
Use extreme caution when working near fuel lines and fuel tank. Clean up spilled fuel immediately. Any spark could cause an explosion or fire resulting in serious personal injury and property damage.

11. Install fuel filler.

- a. Remove two clamps (128 and 129), filler hose (130) and vent hose (131) from gas tank (132).
- b. Remove two clamps (128 and 129) and fuel filler neck (89) from filler hose (130) and vent hose (131).
- c. Install *kit* vent hose (133) and *kit* filler hose (134) on fuel filler neck (89) with *kit* #10 clamp (135) and *kit* #28 clamp (136).
- d. Install *kit* vent hose (133) and *kit* filler hose (134) on gas tank (132) with *kit* #10 clamp (135) and *kit* #28 clamp (136).



- e. Install fuel filler neck (89) on bed (87) with two nuts (88).



- f. Install filler surround (86) on bed (87) with four screws (85).
- g. Install gas cap (84).



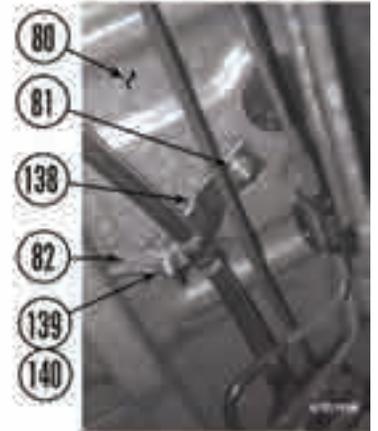
12. Under the cab.

a. Turn gas line bracket (83) 180 degrees and clip onto other line (137).

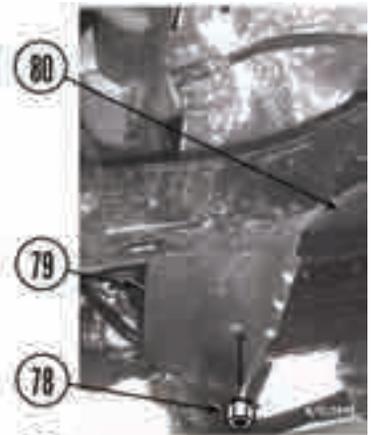


b. Install *kit* bracket (138) in new location on cab floor (80) with nut (81).

c. Install parking brake cable bracket (82) on *kit* bracket (138) with *kit* 1/4" SAE washer (139) and *kit* 1/4" nut (140).



d. Install heat shield (79) on cab floor (80) with three nuts (78).

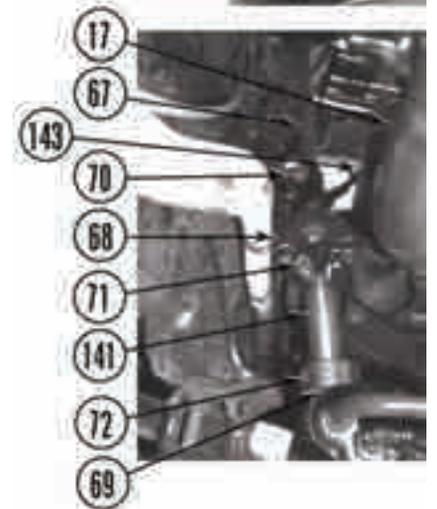


13. Install the steering shaft.

a. Line up marks and position rag joint (68) on the steering shaft (67). Do not tighten.

b. Slide rag joint (68) up on steering shaft (67), line up flats, and install *kit* steering extension (141) on the rack and pinion shaft (69) with *kit* bolt (142). Do not tighten.

c. Slide rag joint (68) down and position on *kit* steering extension (141). Ensure rag joint is at least 1" above brake lines (143) on frame (17) and tighten three bolts (70, 71, and 142).



14. Under the hood.

- a. Remove harness clamp (65) from harness (142), turn clamp upside down and reinstall.
- b. Remove bolt (143) and bracket (66) from firewall (144). Turn bracket upside down and reinstall with bolt.
- c. Install harness clamp (65) on bracket (66).



- d. Install two *kit* brackets (145) on power steering reservoir bracket (63) with two *kit* 1/4" SAE washers (146) and two nuts (62). Do not tighten.
- e. Install two *kit* brackets (145) on bracket (64) with two *kit* 1/4" x 1" bolts (147), four *kit* 1/4" SAE washers (148), and two *kit* 1/4" nylock nuts (149). Ensure power steering reservoir is level and tighten nuts (62 and 149).



- f. Tie two hoses (150 and 151) together with a *kit* zip tie (152).

g. Install *kit* bracket (153) on the driver's side wheel well (50) with bolt (61).

h. Bend bracket (60) 90 degrees as shown.

i. Install bent bracket (60) on *kit* bracket with *kit* 1/4" SAE washer (154) and *kit* 1/4" nylock nut (155).

j. Install shift cable (59) in bracket (60).



k. Install *kit* vacuum line (156) on vacuum line with bracket (55).

l. Install vacuum line with bracket (55) on driver's side wheel well (50) with bolt (54).

m. Install *kit* vacuum line (156) on frame (17) and vacuum line (56) on box (58).



n. Check battery positive cable (2) length. If positive cable is not long enough to reach the battery (3), remove two brackets (49 and 52) from clamps (157).

o. Remove two clamps (157) from cable (2), move clamps down 1 1/2" on cable and reinstall.

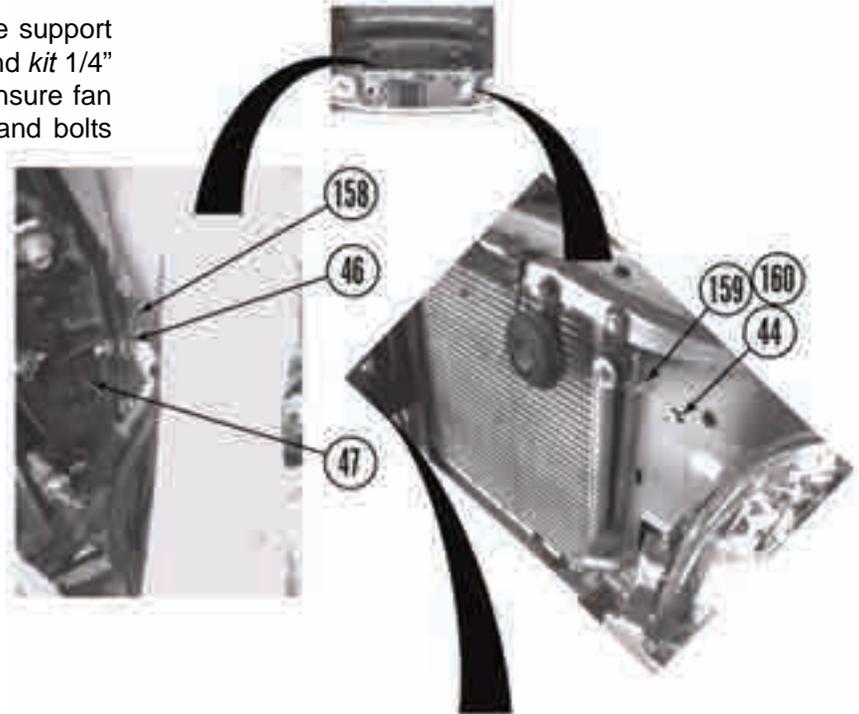
p. Install positive battery cable bracket (52) on motor mount (53) with bolt (51).

q. Install positive battery cable bracket (49) on driver's side wheel well (50) with bolt (48).



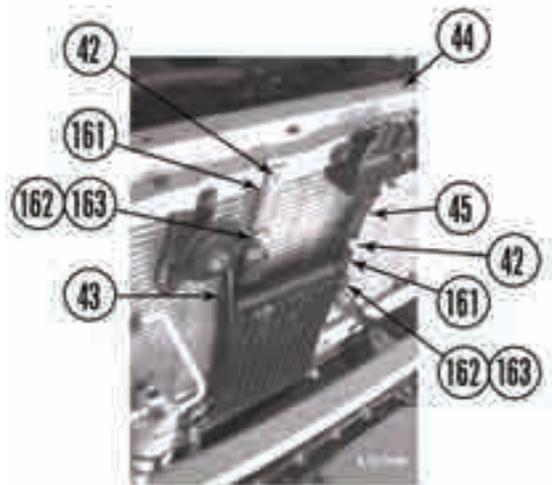
r. Install four *kit* brackets (158) on radiator (47) with four bolts (46). Do not tighten.

s. Install four *kit* brackets (158) on the core support (44) with four *kit* 1/4" SAE washers (159) and *kit* 1/4" nylock nuts (160). Turn fan by hand and ensure fan does not hit radiator. Tighten nuts (160) and bolts (46).



t. Install three *kit* brackets (161) on the core support (44) and latch support (45) with three bolts (42). Do not tighten.

u. Install transmission fluid cooler (43) on three *kit* brackets (161) with three *kit* 1/4" SAE washers (162) and three *kit* 1/4" nylock nuts (163). Tighten bolts (42) and nuts (163).



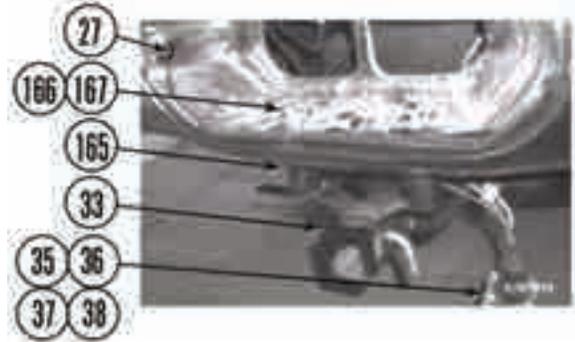
**⚠WARNING**

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 the rear bumper.

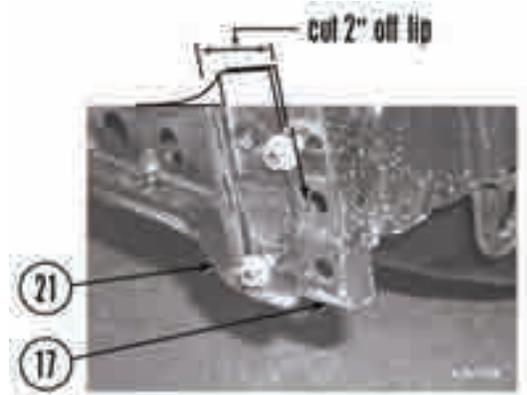
- a. Coat threads of bolts (39 and 41) with Loctite®.
- b. Install two *kit* brackets (164) on the rear bumper (27) with four bolts (41).
- c. Position two *kit* brackets (164) on frame (17) and install six bolts (39). Do not tighten.
- d. If equipped with hitch, lift rear bumper (27) and position two *kit* blocks (165) on hitch (33).
- e. Install two *kit* 7/16" USS washers (166) and *kit* 12 x 1.75 x 140 bolts (167) through rear bumper (27), *kit* blocks (165), and hitch (33). Adjust the bumper to bed clearance and tighten bolts (39 and 41) to 55 lb-ft.
- f. If equipped with hitch (33), reinstall hitch wiring (35) and connectors (36 and 37) with fasteners (38).
- g. Attach hitch wiring (35) to rail (24) with *kit* zip ties (168) as necessary.

- h. Position rubber insert (32) on rear bumper (27) and feed two connectors (28) through bumper and insert. Snap rubber insert into place.
- i. Connect two connectors (28) on license plate lights (26) and install lights on rubber insert (32) with two screws (25).
- j. Install license plate (30) with screws (29).



16. Install the front bumper.

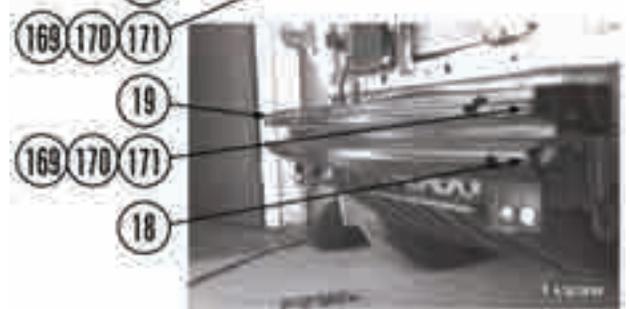
- a. Cut 2" of the lip from each side of inner low impact crush zone (21) as shown.
- b. Coat threads of bolts (15, 20, 169, and 173) with Loctite®.



- c. Install inner low impact crush zone (21) and two *kit* brackets (168) on frame (17) and skid plate (8) with two nuts (21), four bolts (20), two *kit* 7/16 x 1" bolts (169), four *kit* 7/16" SAE washers (170), and two *kit* 7/16" nylock nuts (171).



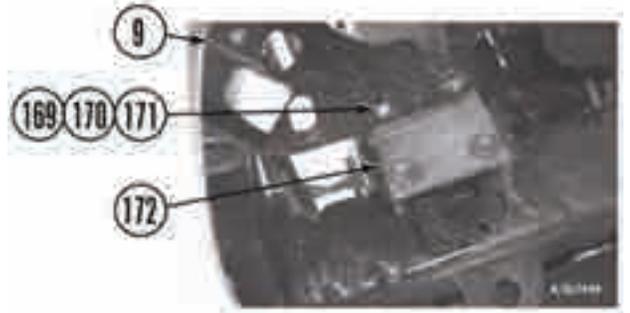
- d. Turn low speed impact crush zone (19) upside down and install with two nuts (18), two *kit* 7/16 x 1" bolts (169), four *kit* 7/16" SAE washers (170), and two *kit* 7/16" nylock nuts (171).



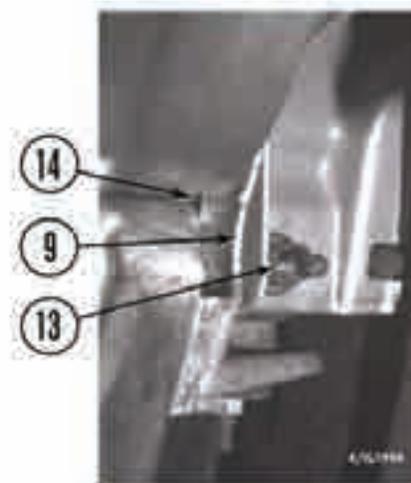
- e. Install two *kit* side bumper brackets (172) on frame (17) with four bolts (15). Do not tighten.



- f. Install front bumper (9) on two *kit* side bumper brackets (172) with four *kit* 7/16 x 1" bolts (169), eight *kit* 7/16" USS washers (170), and four *kit* 7/16" nylock nuts (171).



g. Install front bumper (9) on front fenders (14) with two nuts (13).



h. Install two parking light lamps (11) in parking lights (12).



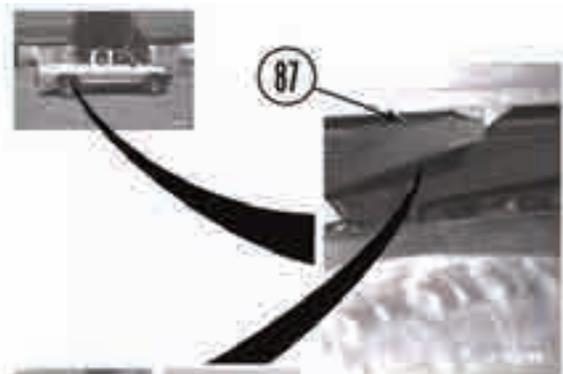
i. Adjust bumper to body clearance and tighten bolts (13, 15 and 171) to 50 lb-ft.

## 17. Install bed crush blocks.

a. Remove four rubber bumpers (172) from bed (87).

b. Cut two outside prongs (173) from each insert (174) as shown and glue one rubber bumper (172) on each of four *kit* crush blocks (175).

c. Install four crush blocks (175) on bed (87) with eight *kit* 1/4 x 1" bolts (176), sixteen *kit* 1/4" SAE washers (177), and eight *kit* 1/4" nylock nuts (178).



## D. After installation is complete.

1. Connect both battery cables to the battery (3). Be sure to reconnect the positive cable (2) first, then the negative cable (1).
2. Stick *kit* warning sticker on the dash in plain sight of all vehicle occupants.
3. 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.

### ⚠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.

### ⚠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. 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
	<b>Kit</b>
10	3 x 3 blocks
4	3 x 2 blocks
2	Front crush zone brackets
2	Front outer bumper brackets
2	Rear bumper brackets
2	Power steering reservoir brackets
4	Cab spacers with holes
1	14" x 1 3/8" gas filler hose
1	16" x 1/2" vent hose
1	10" x 1/4" vacuum hose
1	Warning to driver sticker
1	Logo sticker
1	6ml bottle Loctite
1	<b>Bolt pack BP5563</b>
4	3/8" x 9" bolts
2	3/8" x 7 1/2" bolts
6	3/8" nylock nuts
6	12mm x 1.25 x 180mm bolts
2	12mm x 1.75 x 140mm bolts
2	7/16" USS washers
1	se 5000 steering extension
1	3/8" x 1 1/4" socket head bolt
1	<b>Hardware pack HP5563</b>
	<b>Bolts</b>
8	7/16" x 1" bolts
10	1/4" x 1" bolts
	<b>Washers</b>
8	7/16" USS washers
8	7/16" SAE washers
29	1/4" SAE washers
	<b>Nuts</b>
8	7/16" nylock nuts
19	1/4" nylock nuts
	<b>Miscellaneous</b>
3	3" long stud radiator brackets
5	3" bent radiator brackets
1	1" radiator bracket
2	#10 hose clamps
2	#28 hose clamps
1	Zip ties



Front crush zone bracket



Front bumper outer bracket



Rear bumper bracket