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JEEP WRANGLER (TJ),
UNLIMITED (TJL),
RUBICON MODELS
BODY LIFT KIT
INSTALLATION INSTRUCTIONS
1997-2006 2" KIT# 972
3" KIT# 973

△ WARNING

Installation of a Performance Automotive Group 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.

A CAUTION

Proper installation of a Performance Automotive Group 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.

M WARNING

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

⚠ WARNING

This 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

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

We will not warranty any damage to the a/c 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 Automotive Group 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.

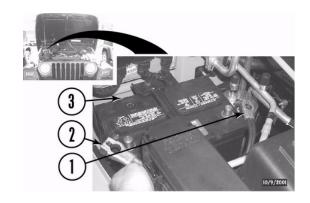
- 1. Read all warnings and instructions completely and carefully before you begin.
- 2. Check to make sure the kit is complete (refer to the Parts List at the end of this document).
- Only install this kit on the vehicle for which it is intended. If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-7080.
- 4. Park vehicle on a clean, dry, flat, level surface and block the tires so vehicle cannot roll in either direction.
- 5. Disconnect both battery cables. Disconnect the negative cable (1) first, then the positive cable (2) from the battery (3).

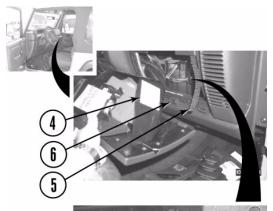
6. Open glove box (4), remove strap (5) from glove box. Remove glove box from dash (6) and vehicle.

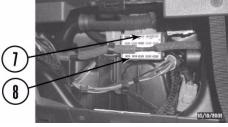
△NOTE

Fuse locations may vary. Check fuse chart in owners manual.

7. Remove airbag fuse (7) from fuse panel (8). See owners manual for fuse location.

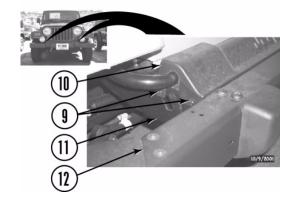






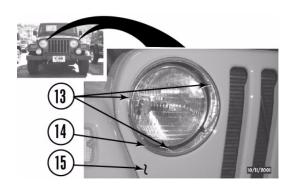
B. Get ready to install the kit.

- 1. Jeep front bumper cover.
 - a. Remove four bolts (9) and plastic cover (10) from frame (11) and front bumper (12).

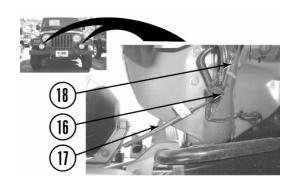


2. Headlights.

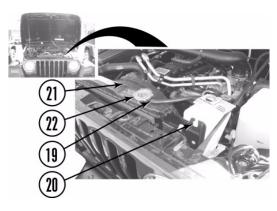
a. Remove six screws (13) and two headlight bezels (14) from core support (15) and vehicle.



b. If equipped with a second set of headlights on front bumper, remove two push clips (16) and wiring harness (17) from fenders (18).



- 3. Under the hood (radiator).
 - a. Remove overflow hose (19) and overflow bottle (20) from fan shroud (21), radiator (22), and vehicle.



△NOTE

Skip step B.3.b. if vehicle is not equipped with A/C.

- b. Remove four fan shroud mounting bolts (23) from fan shroud (21) and radiator (22).
- c. Remove six radiator mounting bolts (24) and radiator (22) from core support (15). Let fan shroud and radiator rest against fan.
- 4. Under the hood (air intake).
 - a. Remove vacuum hose (25) from air intake (26).
 - b. Remove two clamps (27) and air intake (26) from air filter box (28), throttle body (29), and vehicle.
- 5. **2004 models**: Under the hood (wire harness).
 - a. Remove three wire harness connectors from center firewall mounting bracket.

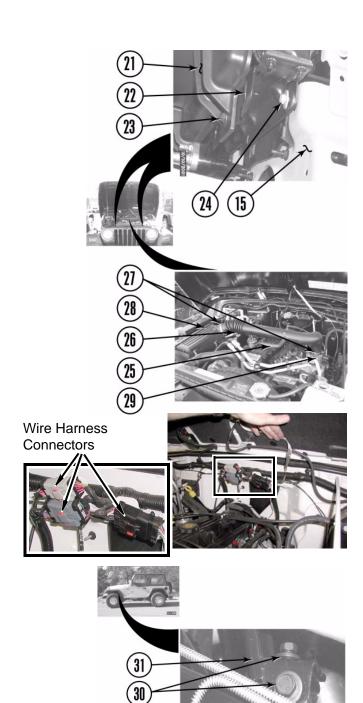
- Under the hood (steering carrier bearing).
 - Remove two bolts with captive washers (30) and steering carrier bearing bracket (31) from frame (11).

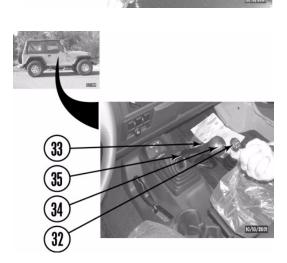
△NOTE

Skip the following section if your vehicle is equipped with an automatic transmission.

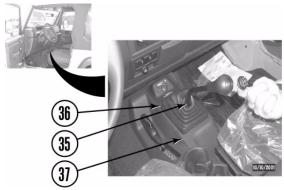
7. Manual transmission console

- a. Remove shift pattern display cap (32) from transmission shift knob (33).
- b. Remove locknut (34) and transmission shift knob (33) from transmission shift lever (35).





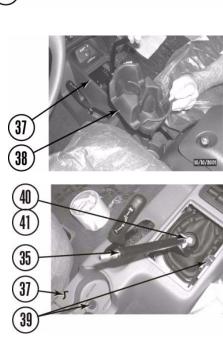
c. Remove shift lever cover (36) from shift lever console (37) and transmission shift lever (35).

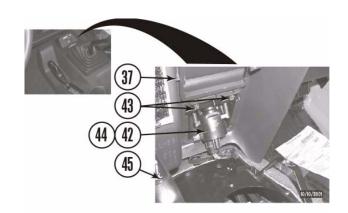


- d. Remove cup holder (38) from shift lever console (37).
- e. Remove two screws (39) from shift lever console (37).



- a. Remove two screws (39) from shift lever console (37).
- b. Remove bolt (40) and transmission shift lever (35) from transmission (41) and vehicle.
- c. If equipped with passenger side air bag switch (42), lift shift lever console (37) and remove four clips (43) and passenger side air bag switch panel (44) from shift lever console.
- d. Remove shift lever console (37) from 4wd shift lever (45) and vehicle.
- e. Remove four bolts (46) and inner shift boot (47) from body (48).







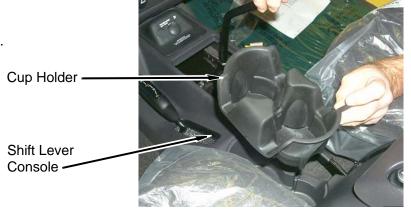
9. 1997-2002 Models: Manual transmission lever

 Squeeze and remove manual shift lever cover from shift lever console and transmission shift lever assembly.

Shift Lever Cover

Console

b. Remove cup holder from shift lever console.



c. Remove two screws from shift lever console and body.



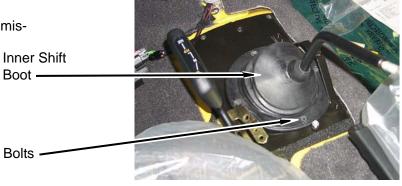
- Lift shift lever console and remove four clips and passenger side air bag switch panel from shift lever console.
- e. Remove shift lever console from transmission shift lever assembly, 4wd shift lever and vehicle.



Air Bag
Switch Panel

Clips -

- Remove four bolts from inner shift boot and body.
- g. Lift transmission shift lever boot from transmission.

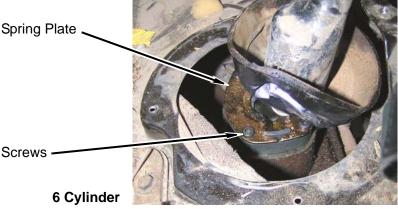


Transmission

Shift Boot -

6 Cylinder

- h. 6 Cylinder Models: Remove four screws and transmission spring plate from transmission.
- i. Remove transmission shift lever assembly from vehicle.



- 4 Cylinder Models: Push down on cap and turn counter clockwise to release cap from transmission.
- k. Remove boot, cap, spring, and transmission shift lever assembly from transmission.



Boot, Cap & Spring

△NOTE

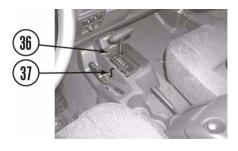
Skip the following section if your vehicle is equipped with a manual transmission.

10. Inside cab (automatic transmission).

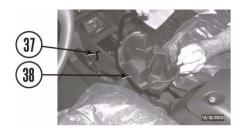
△NOTE

Automatic transmission models come equipped with a cable shifting mechanism. Care should be taken to make sure the cable shifting mechanism remains flexible and loose during the lifting process.

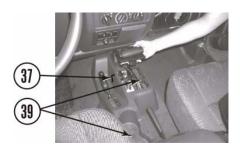
a. Remove shift lever cover (36) from shift lever console (37).



b. Remove cup holder (38) from shift lever console (37).



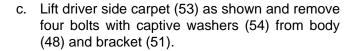
c. Remove two screws (39) from shift lever console (37).

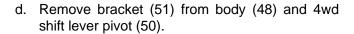


11. Manual 4wd.

a. Remove two bolts (49) from 4wd shift lever pivot (50) and bracket (51).

b. Remove transfer case upper shift linkage (52) from 4wd shift lever pivot (50) and 4wd shift lever (45).

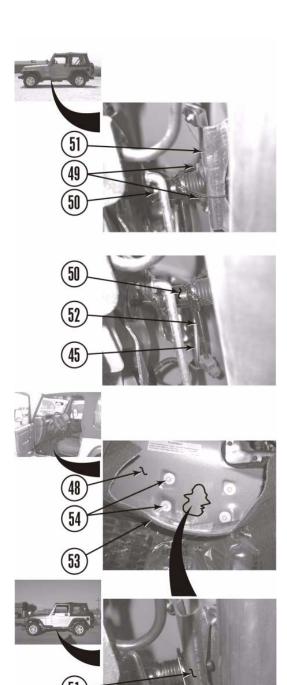


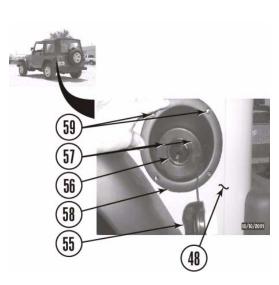


12. Remove fuel filler.

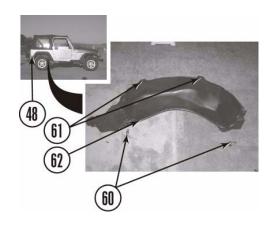
- a. Remove fuel cap (55) from fuel filler assembly (56).
- b. Remove four screws (57) and fuel filler assembly (56) from fuel filler surround (58).
- c. Remove four screws (59) and fuel filler surround (58) from body (48).

13. Remove EPA canister.

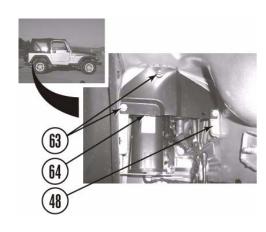




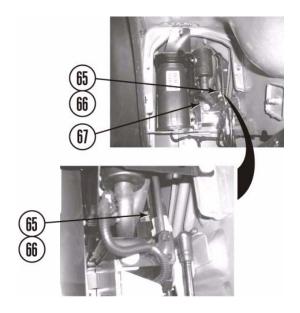
a. Remove seven push clips (60), two locator tabs (61), and inner rear fender (62) from body (48) passenger side.



b. Remove three bolts (63) and EPA canister cover plate (64) from body (48).



c. Remove clamp (65) from hose (66) and EPA canister bracket (67).



C. Install the kit.

Prepare to lift body from frame.

△WARNING

Failure to install the OEM cab mounting bushings in the stock locations could result in serious personal injury or damage to the vehicle.

 a. Loosen but do not remove eleven body bolts (68) from core support mounting pad (69) and frame mounting pads (70), core support (15), and body (48).

△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.

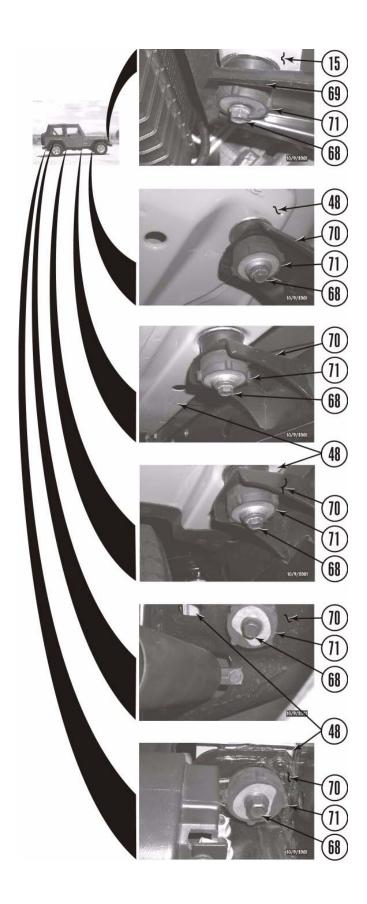
ACAUTION

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 cab mounting <u>pads stay on vehicle</u> unless otherwise specified in these instructions. *Kit* spacer blocks are installed <u>in addition</u> to the stock spacers and cab mounting pads.

- b. Remove bolt (68) and lower bushing (71) from core support mounting pad (69).
- c. Remove five bolts (68) and lower bushings (71) from frame mounting pads (70), and body (48) passenger side.



2. Lift body and install passenger side spacer blocks.

△NOTE

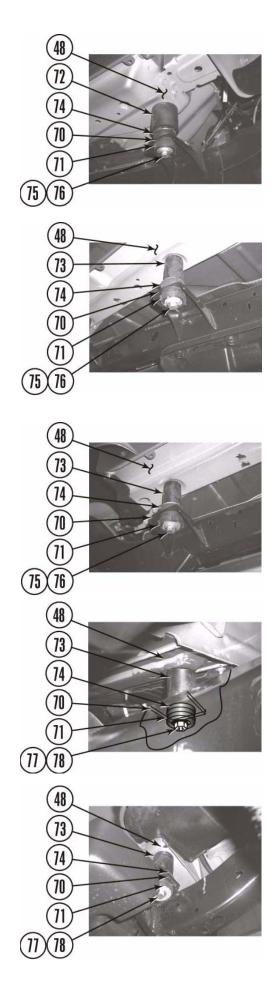
Wait to install *kit* spacer block under the core support until the passenger side of the body is lifted and the driver side of the body is being lifted.

- a. Using a hydraulic jack and a wooden block, slowly lift the body (48) passenger side just high enough to position the five kit spacer blocks (72 and 73) between the body and top body bushings (74).
- b. Install kit 1/2" x 6 1/2" (1/2" x 5 1/2" for 2") bolt (75) through kit 1/2" SAE washer (76), lower body bushing (71), frame mounting pad (70), top body bushing (74), kit 3" x 3" (2" x 3" for 2") spacer block (72), and body (48).
- c. Install kit 1/2" x 6 1/2" (1/2" x 5 1/2" for 2") bolt (75) through kit 1/2" SAE washer (76), lower body bushing (71), frame mounting pad (70), top body bushing (74), kit 3" x 2" (2" x 2" for 2") spacer block (73), and body (48).
- d. Install kit 1/2" x 6 1/2" (1/2" x 5 1/2" for 2") bolt (75) through kit 1/2" SAE washer (76), lower body bushing (71), frame mounting pad (70), top body bushing (74), kit 3" x 2" (2" x 2" for 2") spacer block (73), and body (48).
- e. Install *kit* 7/16" x 5 1/2" (7/16" x 4 1/2" for 2") bolt (77) through *kit* 3/8" USS washer (78), lower body bushing (71), frame mounting pad (70), top body bushing (74), *kit* 3" x 2" (2" x 2" for 2") spacer block (73), and body (48).

△NOTE

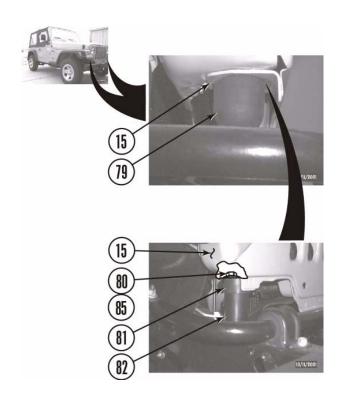
Wait to install *kit* 7/16" x 5 1/2" bolt through body bushing, rear bumper, *kit* lift block, and body until the passenger side of the body is lifted and the driver side of the body is being lifted.

f. Install *kit* 7/16" x 5 1/2" (7/16" x 4 1/2" for 2") bolt (77) through *kit* 3/8" USS washer (78), lower body bushing (71), frame mounting pad (70), top body bushing (74), *kit* 3" x 2" (2" x 2" for 2") spacer block (73), and body (48).



- 3. Passenger side bump stop / head light bezel.
 - a. Remove urethane bumper (79) from core support (15) passenger side.

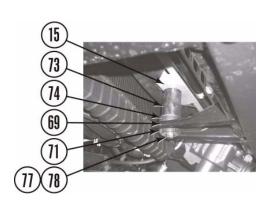
- b. Coat threads of *kit* 5/16" x 2 3/4" bolt (80) with Loctite®.
- c. Install kit 2" x 2" lift block (for a 2" lift, use a 1" x 2" lift block) (81) and kit bump stop (82) on core support (15) with kit 5/16" USS washer (85) and kit 5/16" x 2 3/4" bolt (for a 2" lift, use a 5/16" x 1 3/4" bolt) (80). Torque bolt to 10 lb.-ft. DO NOT overtighten.



- d. Install head light bezel (14) on core support (15) with three screws (13).
- e. Lower body (48) onto *kit* spacer blocks (72 and 73).



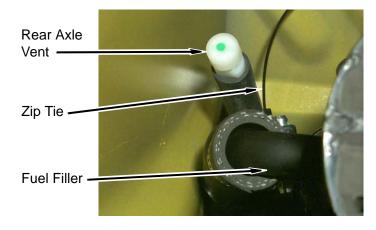
- 4. Install body driver side spacer blocks.
 - a. Repeat steps C.2.a. through C.2.f. for driver side body (48).
 - b. Install *kit* 7/16" x 5 1/2" (7/16" x 4 1/2" for 2") bolt (77) through *kit* 3/8" USS washer (78), lower body bushing (71), core support mounting pad (69), top body bushing (74), *kit* 3" x 2" (2" x 2" for 2") spacer block (73), and core support (15).
 - c. Repeat steps C.3.a. through C.3.e. for driver side core support (15).



- 5. Finish spacer block installation.
 - a. Remove five kit 7/16" x 5 1/2" (7/16" x 4 1/2" for 2") bolts (77) and six kit 1/2" x 6 1/2" (1/2" x 5 1/2" for 2") bolts (75) one at a time from core support, body, and frame mounting pads (15, 48, and 70), coat threads with Loctite® and reinstall.
 - b. Adjust body (48) to frame alignment and tighten bolts (75) to 50 lb.-ft. and bolts (77) to 35 lb.-ft.

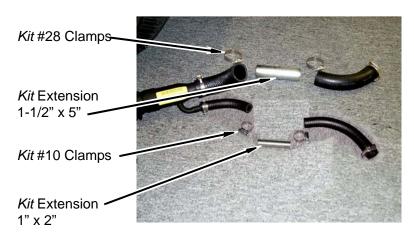
1997-2002 Models: Fuel filler

a. If equipped with a rear axle vent line, remove zip tie from vent line and vent hose.





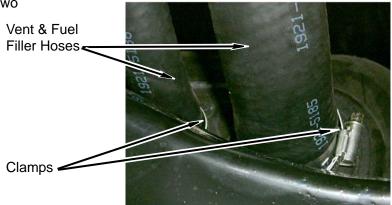
- Remove two clamps, fuel filler hose, vent hose, and fuel filler assembly from fuel tank and vehicle.
- c. Cut vent hose and fuel hose in half as shown.



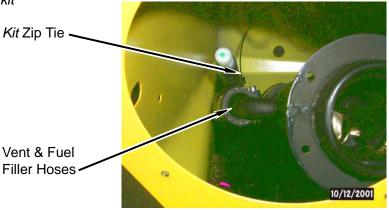
- d. Install *kit* vent hose extension on vent hose with two *kit* #10 clamps.
- e. Install *kit* fuel filler extension on fuel hose with two *kit* #28 clamps.



f. Install fuel filler assembly on fuel tank with two clamps.



g. If equipped with a rear axle vent line, install *kit* zip tie on vent line and vent hose.

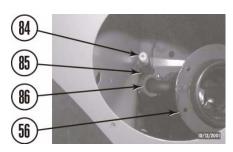


- h. Install fuel filler surround on body with four screws.
- i. Install fuel filler assembly on fuel filler surround with four screws.
- j. Install fuel cap on fuel filler assembly.

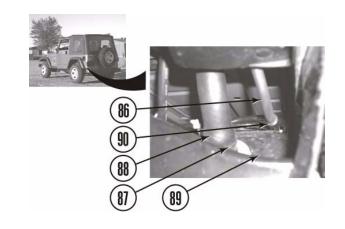


Fuel Filler

- 7. 2003-2006 Models: Fuel filler
 - a. If equipped with a rear axle vent line (84), remove zip tie (85) from vent line and vent hose (86).

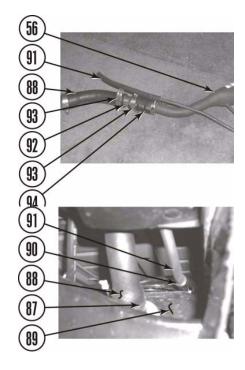


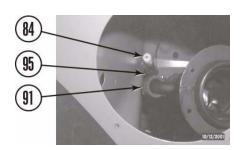
- b. Remove clamp (87), fuel filler hose (88), vent hose (86), and fuel filler assembly (56) from fuel tank (89) and vehicle vent line apparatus (90).
- c. Remove vent hose (86) and fuel hose (88) from fuel filler assembly (56).



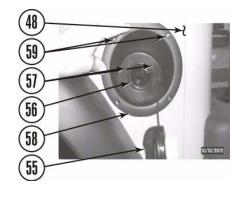
- d. Install *kit* vent hose (91) on fuel filler assembly (56).
- e. Install *kit* fuel filler extension (92) on fuel hose (88) with *kit* #28 clamp (93).
- f. Install *kit* fuel filler hose (94) on *kit* fuel filler extension (92) with *kit* #28 clamp (93).

- g. Install fuel hose (88) on fuel tank (89) with clamp (87).
- h. Install *kit* vent hose (91) on vehicle vent line apparatus (90).
- i. If equipped with a rear axle vent line (84), install *kit* zip tie (95) on vent line and *kit* vent hose (91).



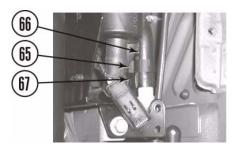


- j. Install fuel filler surround (58) on body (48) with four screws (59).
- k. Install fuel filler assembly (56) on fuel filler surround (58) with four screws (57).
- I. Install fuel cap (55) on fuel filler assembly (56).

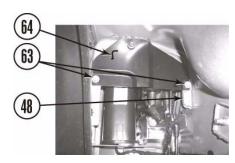


8. Install EPA canister.

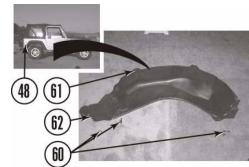
a. Install clamp (65) on hose (66) up about two inches from its original location. Install clamp on EPA canister bracket (67).



b. Install EPA canister cover plate (64) on body (48) with three bolts (63).

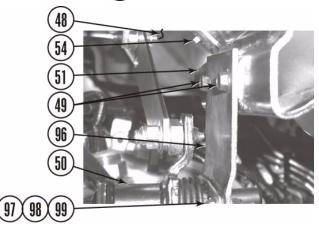


c. Install inner rear fender (62) on body (48) with seven push clips (60) and two locator tabs (61).



9. Manual 4wd.

- a. Install 4wd shift lever pivot (50) on *kit* transfer case linkage lowering plate (96) with two *kit* 1/4" x 1" bolts (97), four *kit* 1/4" SAE washers (98), and two *kit* 1/4" nylock nuts (99).
- b. Install *kit* transfer case linkage lowering plate (96) on bracket (51) with two bolts (49).



c. Install bracket (51) on body (48) driver side with four bolts with captive washers (54). Position carpet (53) on body.

△NOTE

Kit 4wd shift linkage is designed for 2" and 3" applications.

- d. Install two kit trunnions (100) on kit 4wd shift linkage (101) with two kit 3/8" SAE washers (102) and kit 3/8" nylock nuts (103). Do not tighten.
- e. Measure transfer case upper shift linkage (52) and adjust kit 4wd shift linkage (101) to measurment. Coat threads of two kit trunnions (100) with Loctite® and tighten trunnions in place. Ensure kit shift linkage adjustable locators (100) will not move.

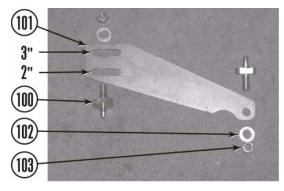
- Install kit 4wd shift linkage (101) on 4wd shift lever (45) and 4wd shift lever pivot (50).
- there is complete engagement in all ranges. If necessary, adjust kit 4wd shift linkage (101).

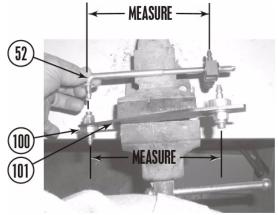
g. Check 4wd shift lever (45) operation. Ensure

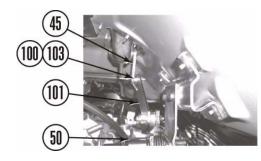
ANOTE

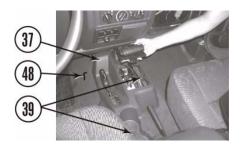
If your jeep is equipped with manual transmission, skip steps C.9.a through C.9.c.

- 10. Inside cab (automatic transmission).
 - a. Install shift lever console (37) on body (48) with two screws (39).





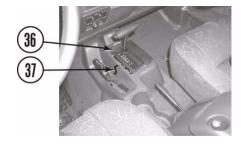




b. Install cup holder (38) on shift lever console (37).

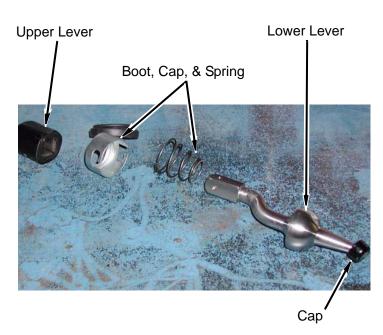


c. Install shift lever cover (36) on shift lever console (37).

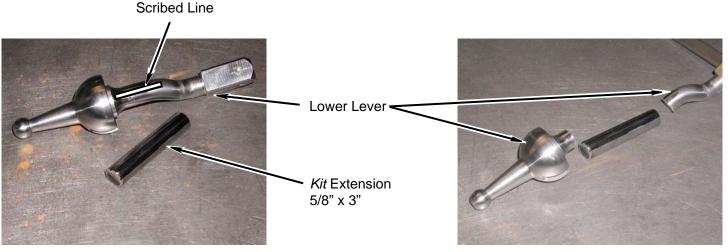


10. 1997-2002 Models: Manual transmission lever

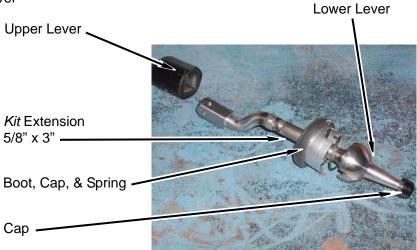
- a. Remove the lower transmission shift lever from the upper transmission shift lever.
- b. Remove boot, cap, and spring from lower transmission shift lever.



- c. Scribe a line along the side of the lower transmission shift lever (below the bend) and the transmission shift lever extension as shown. Cut the lever into two pieces through the line and deburr as necessary.
- d. Position kit transmission shift lever extension between the two pieces of the transmission shift lever. Ensure the extension and transmission shift lever scribed lines align and weld the transmission shift lever extension in place.



e. Position spring, cap, and boot on lower transmission shift lever and install lower transmission shift lever

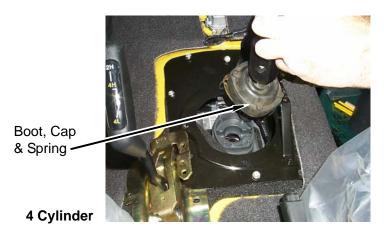


- f. Position transmission shift lever assembly on transmission.
- g. (6 cylinder) Install transmission spring plate on transmission with four screws.
 Spring Plate

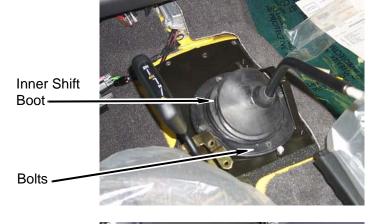


Screws -

- h. Install transmission shift lever boot on transmission.
- i. (4 cylinder) Position transmission shift lever assembly, boot, cap, and spring in transmission.
- Push down on cap and turn clockwise to lock cap in transmission.

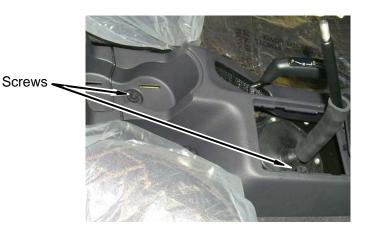


- k. Position boot on transmission.
- I. Install inner shift boot on body with four bolts.
- m. Position shift lever console on body, transmission shift lever assembly, and 4wd shift lever.
- n. Position passenger side air bag switch panel on shift lever console with four clips.

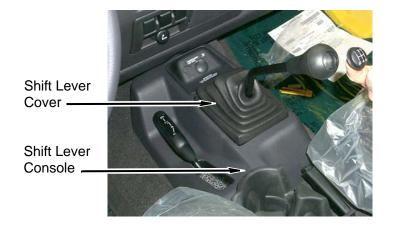




- Install shift lever console on body with two screws.
- p. Check transmission shift lever assembly operation. Ensure there is complete engagement in all ranges. Ensure there is no interference with shift lever console and/or body.
- q. Install shift lever cover on shift lever console and transmission shift lever assembly.
- r. Install cup holder on shift lever console.

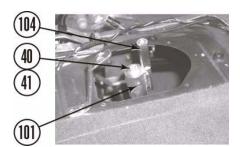


- s. Install transmission shift knob on transmission shift lever assembly with locknut.
- t. Install shift pattern display cap on transmission shift knob.

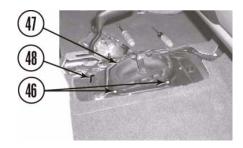


11. 2003-2006 Models: Manual transmission lever

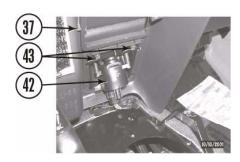
- a. Position transmission shift lever extension (104) on transmission (41). Use setscrew (101) to locate transmission shift lever extension on transmission.
- b. Install bolt (40) on transmission shift lever extension (104) and transmission (41).



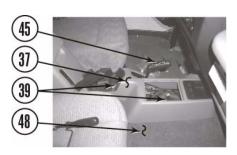
c. Install inner shift boot (47) on body (48) with four bolts (46).



d. If removed, position passenger side air bag switch panel (42) on shift lever console (37) with four clips (43).



e. Install shift lever console (37) on body (48) and 4wd shift lever (45) with two screws with captive washers (39).



f. Install transmission shift lever (35) on shift lever extension (104) and transmission (41) with *kit* 5/ 16 x 1" bolt (105). Check shift lever operation.

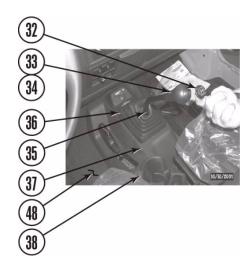


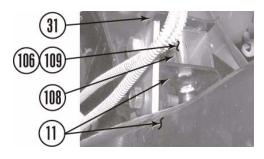
- g. Install shift lever cover (36) on shift lever console (37) and transmission shift lever (35).
- h. Install transmission shift knob (33) on transmission shift lever (35) with locknut (34).
- i. Install shift pattern display cap (32) on transmission shift knob (33).
- j. Check transmission shift lever (35) operation. Ensure there is complete engagement in all ranges. Ensure there is no interference with shift lever console (37), shift lever cover (36), and/or body (48). If interference occurs check installation procedure.
- k. Install cup holder (38) on shift lever console (37).
- 12. Under the hood (steering carrier bearing).

△NOTE

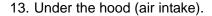
If installing a 2" kit, ensure fuel lines are not in contact with steering carrier bearing. If necessary adjust fuel line brackets to gain clearance.

a. Coat threads of *kit* bolts (106 and 107) with Loctite®.

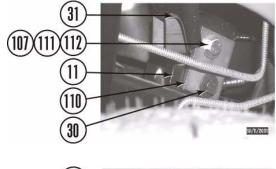


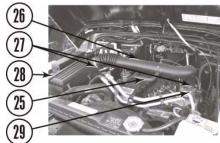


- Install steering carrier bearing bracket (31) on kit 1 3/4" X 1 1/2" X 1 1/2" square tube (108) and frame (11) with kit 10mm x 60mm bolt (106) and kit 10mm washer (109). Do not tighten.
- c. Install *kit* side strap (110) on frame (11) with bolt with captive washer (30). Do not tighten.
- d. Install kit side strap (110) on steering carrier bearing bracket (31) with kit 7/16" x 1" bolt (107), kit two 7/16" SAE washers (111), and kit 7/16" nylock nut (112).
- e. Tighten kit bolts (106 and 107) to 25 lb.-ft.



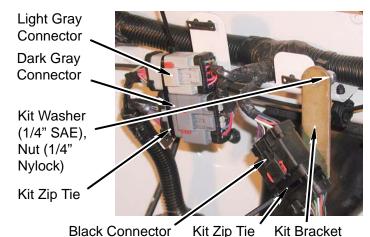
- a. Install air intake (26) on air filter box (28) and throttle body (29) with two clamps (27).
- b. Install vacuum hose (25) on air intake (26).





14. **2004 models**: Under the hood (wire harness).

- a. Install light gray (upper) connector in lower position.
- b. Using a *kit* Zip tie, connect the dark gray (lower) connector to upper connector.
- c. Install *kit* bracket (3" hole-to-stud) on firewall mounting bracket with kit washer (1/4" SAE) and kit nut (1/4" Nylock).
- d. Using a *kit* Zip tie, attach black connector to hole in *kit* bracket.

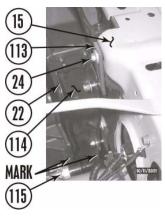


15. Under the hood (radiator).

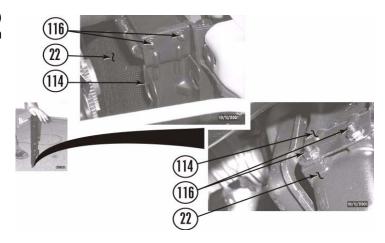
a. Install six *kit* radiator brackets (113) on core support (15) with six radiator mounting bolts (24)

△NOTE

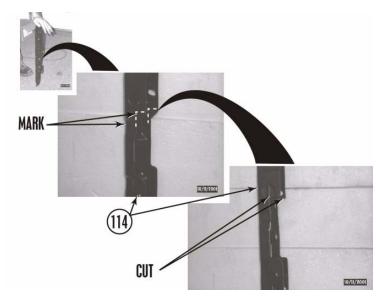
If your jeep is not equipped with A/C skip steps C.14.b through C.14.e.



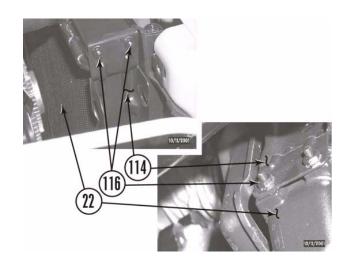
- b. Position radiator (22) on six kit radiator brackets (113). Mark radiator bracket (114) where interference occurs with AC line (115) at core support (15) passenger side.
- c. If equipped with A/C, remove four locknuts (116) and passenger side radiator bracket (114) from radiator (22).



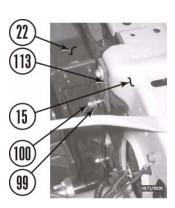
d. If equipped with A/C, cut radiator bracket (114) as shown.



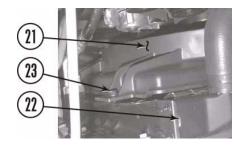
e. If removed, install passenger side radiator bracket (114) on radiator (22) with four locknuts (116).



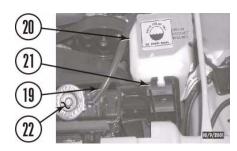
f. Install radiator (22) on six *kit* radiator brackets (113) and core support (15) with six *kit* 1/4" SAE washers (99) and *kit* nylock nuts (100).



g. Install fan shroud (21) on radiator (22) with four fan shroud mounting bolts (23).

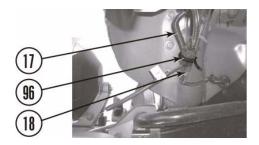


h. Install overflow hose (19) and overflow bottle (20) on fan shroud (21) and radiator (22).



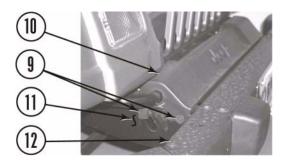
16. Headlights.

a. If equipped with a second set of headlights on front bumper, secure wiring harnesses (17) to fenders (18) with two *kit* zip ties (96).



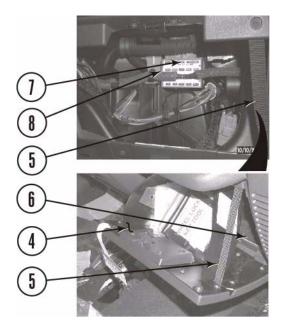
17. Jeep front bumper cover.

a. Install plastic cover (10) on frame (11) and front bumper (12) with four bolts (9).



D. After installation is complete.

- 1. Install airbag fuse (7) in fuse panel (8).
- 2. Position glove box (4) on dash (6) and connect strap (5).

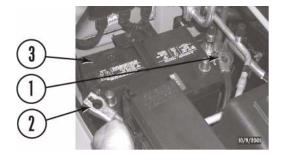


- 3. Connect both battery cables to the battery (3). Be sure to reconnect the positive cable (2) first, then the negative cable (1).
- 4. Install Gap GuardsTM in front and rear wheel wells (you did get your gap guards, didn't you?).
- 5. Stick *kit* warning sticker on the dash in plain sight of all vehicle occupants.
- 6. Double check the vehicle.

ACAUTION

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.
- Check all wires, hoses, cables, etc. to ensure they have been properly connected and there is ample slack.
- 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.

ACAUTION

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.

ACAUTION

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

△NOTE

All warranty information, instruction sheets, and other documents regarding the installation of this product must be retained by the <u>vehicle owner</u>. 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.

Rev. 04, Copyright 07/06 Performance Automotive Group www.p-a-g.net

2" Parts List		Description	3" Parts List		Paradottas
Callout	Quantity	Description	Callout	Quantity	Description
(72)	2	2" x 3" Lift blocks	(72)	2	3" x 3" Lift blocks
(73)	9	2" x 2" Lift blocks	(73)	9	3" x 2" Lift blocks
(81)	2	1" x 2" Lift blocks	(81)	2	2" x 2" Lift blocks
(82)	2	Bump stops	(82)	2	Bump stops
(108)	1	1 3/4" x 1 1/2" x 1 1/2" square	(108)	1	1 3/4" x 1 1/2" x 1 1/2" square
(440)	4	steel tube	(440)	4	steel tube
(110)	1	Side strap	(110)	1	Side strap
(96)	1	Trans shift linkage drop plate	(96)	1	Trans shift linkage drop plate
(91)	1	Vent hose ext. (1/4" x 9")	(91)	1	Vent hose ext. (1/4" x 9")
(94)	1	Fuel hose ext. (1" x 2")	(94)	1	Fuel hose ext. (1" x 2")
(92)	1	Metal Fuel filler ext. (1" x 2")	(92)	1	Metal Fuel filler ext. (1" x 2")
	1	Metal Fuel filler ext. (1-1/2" x 5")		1	Metal Fuel filler ext. (1-1/2" x 5")
	1	6ml bottle Loctite		1	Man. shifter ext. (5/8" x 3")
	1	Warning to driver sticker		1	6ml bottle Loctite
	1	Logo sticker		1	Warning to driver sticker
	1	Transfer case linkage Pack		1	Logo sticker
(100)	2	4wd Trans locator		1	Transfer case linkage Pack
(101)	1	4wd Trans shift linkage	(100)	2	4wd Trans locator
(102)	2	3/8" SAE washers	(101)	1	4wd Trans shift linkage
(103)	2	3/8" Nylock nuts	(102)	2	3/8" SAE washers
	1	Bolt Pack	(103)	2	3/8" Nylock nuts
(75)	6	1/2 x 5 1/2" bolts		1	Bolt Pack
(77)	5	7/16 x 4 1/2" bolts	(75)	6	1/2 x 6 1/2" bolts
(76)	6	1/2" SAE washers	(77)	5	7/16 x 5 1/2" bolts
(78)	5	3/8" USS washers	(76)	6	1/2" SAE washers
	1	Hardware Pack	(78)	5	3/8" USS washers
(85)	5	Zip tie		1	Hardware Pack
(107)	1	7/16 x 1" bolt	(85)	5	Zip tie
(80)	2	5/16" x 1 3/4" bolts	(107)	1	7/16 x 1" bolt
(97)	2	1/4" x 1" bolts	(80)	2	5/16" x 2 3/4" bolts
(105)	1	5/16" x 1" bolt	(97)	2	1/4" x 1" bolts
(106)	1	10mm x 60mm bolt	(105)	1	5/16" x 1" bolt
(99)	9	1/4" nylock nuts	(106)	1	10mm x 60mm bolt
(112)	1	7/16" nylock nuts	(99)	9	1/4" nylock nuts
(111)	2	7/16" SAE washers	(112)	1	7/16" nylock nuts
(85)	2	5/16" USS washers	(111)	2	7/16" SAE washers
(98)	11	1/4" SAE washers	(85)	2	5/16" USS washers
(109)	1	10mm washer	(98)	11	1/4" SAE washers
(113)	7	Radiator brackets	(109)	1	10mm washer
(104)	1	Shift lever extension	(113)	7	Radiator brackets
(93)	2	#28 hose clamps	(104)	1	Shift lever extension
(00)	_	20 11000 diampo	(93)	2	#28 hose clamps
			(33)	_	"20 HOSC Glamps