



CHEVY / GMC BLAZER / YUKON SUBURBAN

BODY LIFT

INSTALLATION INSTRUCTIONS

1992-1994 2" KIT #10022

1992-1994 3" KIT #10023

⚠ WARNING

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

⚠ CAUTION

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

⚠ WARNING

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

⚠ WARNING

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

⚠ WARNING

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

⚠ WARNING

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

⚠ WARNING

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

⚠ WARNING

Always wear eye protection when operating power tools.

⚠ WARNING

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

⚠ WARNING

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

NOTE

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

Before Starting Installation

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

⚠ NOTE

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

1. **Name** of purchase location
2. **Bar Code** on side of box
3. **Date** above bar code
4. **Date** inside box cover
5. **Inspector #** from inside box cover

3. **Only install this kit on the vehicle for which it is specified.**

4. Special tools needed:

- a. Die grinder or similar tool capable of cutting metal.

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

Engine Compartment

1. Disconnect both battery cables. Disconnect negative cable first, then positive cable.

Measurements

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

Driver Side _____ Passenger Side _____

2. Measure and record distance between rear bumper and bed

Driver Side _____ Passenger Side _____

3. Measure and record distance between cab and bed.

Driver Side _____ Passenger Side _____

Prepare to Install Kit

Front of Vehicle

1. Driving Lights

- a. Remove four (4) screws holding driver side driving light to grill assembly.
- b. Remove driving light from plastic housing.
- c. Remove driving light housing from vehicle.
- d. Repeat for passenger side.

2. Front Grill

- a. Remove eight (8) screws mounting front grill assembly to vehicle.
- b. Remove front grill assembly from vehicle.

3. Front Bumper

- a. Remove two (2) bolts (each side) attaching outside bumper bracket to frame bracket.
- b. Loosen two (2) bolts on each side attaching inside bumper bracket to bumper. **DO NOT REMOVE.**
- c. Remove two (2) bolts on each side attaching inside bumper bracket to frame mount.
- d. Swing outside bumper brackets out to clear all brackets.
- e. Remove bumper from vehicle.

Engine Compartment

1. Steering Shaft

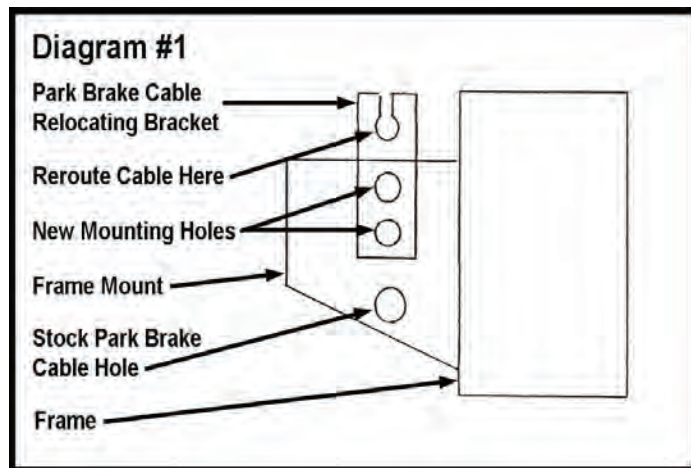
- a. Steering shaft should extend while lifting vehicle. **BE SURE STEERING SHAFT WILL EXTEND APPROX. 1-1/2"**

2. Fan Shroud

- a. Remove four (4) bolts mounting upper fan shroud to lower fan shroud.
 - b. Remove two (2) bolts mounting the lower fan shroud to core support (under radiator).
 - c. Remove lower fan shroud from vehicle.
3. Check vehicle in engine compartment and under vehicle for any other wires, hoses, cables and/or etc. that may need to be disconnected. Make a diagram for reconnection after lifting is complete.

Underside of Vehicle

1. Parking brake cable bracket
 - a. Separate parking brake cable at clip connecting front cable to rear cable.
 - b. Remove front cable from hole in frame mount (squeeze tabs together).
 - c. Mount parking brake cable relocating bracket to frame mount by drilling two (2) 5/16" holes in frame mount corresponding to the holes in the new bracket as shown below.



- d. Mount new bracket using two (2) **kit bolts** (5/16" x 1"), four (4) **kit washers** (5/16") and two (2) **kit nuts** (5/16" Nylock).
 - e. Reroute cable through hole in relocating bracket. Reconnect front cable to rear cable at clip. Set parking brake to help prevent vehicle from rolling.
2. Automatic transmission

- a. ON 3" KIT: loosen bolt holding transmission shift rod to steering column shift lever. Remove rod from spring loaded bracket at transmission. Remove shift rod from vehicle (it must be lengthened). ON 2" KIT: loosen bolt holding transmission shift rod to steering column shift lever. This will allow shift rod to slide down while lifting.
3. Manual transmission
 - a. Shifter should drop down in the floor while lifting.
 4. Transfer case
 - a. Vehicles equipped with "shift-on-the-fly" require no modifications. Manual Transfer Case Models. Remove nut holding transfer case shift linkage to transfer case shift lever. (Transfer case should be in "2 Hi" position.) Remove linkage from shift lever.
 5. Fuel filler
 - a. Check fuel filler to be sure that there is ample flex in hose to allow for lifting. If there is not enough flex, disconnect fuel filler at body.

NOTE:

1. On Suburbans: disconnect fuel filler at body. It will have to be lengthened after lifting operation is complete.
2. On Suburbans equipped with rear A/C unit, loosen the bracket holding the A/C lines to the body (passenger side). This will give slack in the lines while lifting.

Install Kit

Body

1. Prepare to lift body from frame.
 - a. Loosen, but do not remove all ten (10) body mounting bolts (12 on Suburban). They are located as follows: front beside radiator; in core support channel; from under vehicle on outside

of frame screwing up into body (two on each side, three on Suburban); on inside of frame rail just in front of rear axle and at very rear of vehicle.

- a. Using a hydraulic jack and wooden block, slowly lift passenger side of vehicle just high enough to place spacer blocks on stock mounting pads. (Be sure to continually check for any wires, cables, hoses, etc. that may bind.)

- b. Place *kit blocks* on pads.

NOTE:

All bolts screw up from the bottom EXCEPT the front bolt which screws down and through nut on the bottom.

⚠ CAUTION

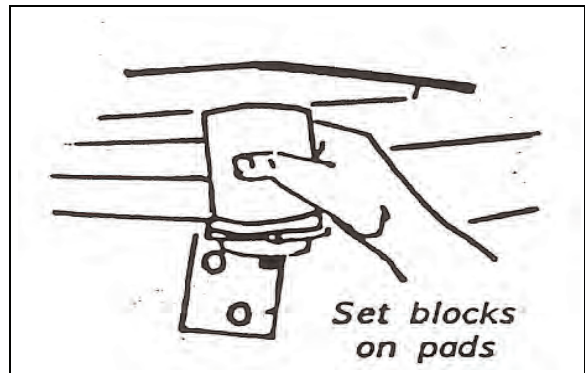
Continually check hoses, wires, lines, etc. to be sure that everything is flexing properly and not binding, or damage to the vehicle could result. Be especially careful of the a/c hoses at the fire wall, the belt pulley, and at the core support. Ensure brake lines stretch while lifting. Bending the lines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

⚠ 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.

⚠ WARNING

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



- c. Install *kit bolts* ((12mm x 160mm)180mm for 3" kit) bolts. Install using *kit washers* (7/16") except the front bolt. Lower body onto spacer blocks. **DO NOT TIGHTEN KIT MOUNTING BOLTS AT THIS TIME.**

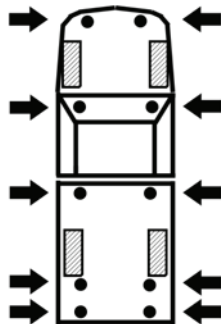
3. Lift driver side body.

- a. Repeat previous steps on driver side of body.
- 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 *kit Loctite*® to threads. Install *kit bolt*, *kit washer* (7/16"), and lower bushing. On the front bolts, use *kit washer* (1/2") in conjunction with stock washers and mounting nut.

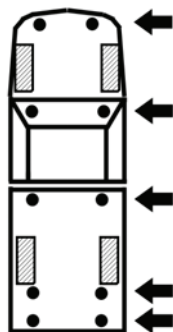
- d. Tighten *kit bolts*

Loosen Bolts



- b. Remove body mount bolts from passenger side of vehicle ONLY.

Remove Bolts



2. Lift passenger side body.

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. Reconnect fuel filler at this time, if fuel filler hose was disconnected.
2. If filler hose needs to be lengthened, loosen hose clamps at either end of filler hose. Adjust length and retighten clamps.
3. On Suburban: remove filler hose from fuel tank. Approximately 1/2 way up the hose, cut the hose in two (2) pieces and install *kit extension* (fuel filler) and two (2) *kit clamps* (#36 hose). Tighten securely.
4. Re-install fuel filler hose to fuel tank and to body. Tighten securely. Reconnect to body. Tighten mounting bolts securely.

Transfer case shift lever (manual-shift 4WD)

NOTE:

The transfer case may not register in the same position on the console. Check operation to be sure transfer case engages in all ranges.

1. Lengthen transfer case shift lever linkage.
 - a. Turn linkage to expand until slot is aligned with linkage bolt on transfer case.
2. Install transfer case linkage to transfer case. Apply *kit Loctite®* to factory nut and install with factory washer. Tighten nut.

Automatic Transmission Shift Linkage Rod

1. Lengthen rod.

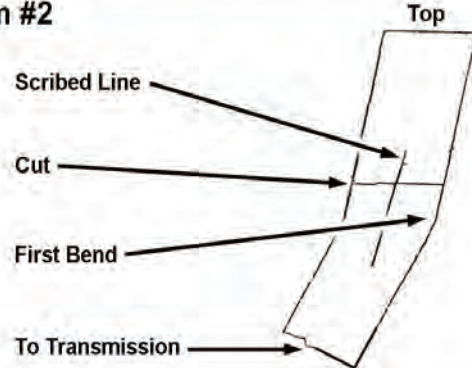
NOTE:

1. For 3" kit: it is necessary to lengthen shift linkage rod approximately 2".
2. For 2" kit: it is necessary to lengthen shift linkage rod approximately 1".

⚠ WARNING

We recommend all welding be performed by a certified welder only.

Diagram #2



- a. Scribe a line along the rod before the first bend. Scribe a line along the rod for alignment.
- b. Cut rod through scribed line.
- c. Place *kit extension* (2" transmission shift) between the two cut sections and re-align scribe lines.
- d. Weld *kit extension* in place.
- e. Install linkage rod to transmission in spring loaded bracket.
- f. Install linkage rod to steering column shift lever.
- g. Tighten transmission linkage bolt securely.

Manual transmission

1. Clutch is hydraulic and requires no modification.
2. Check gear shift operation to be sure transmission is fully engaged in all gears.

NOTE:

If transmission does not fully engage, remove shift boot, check gear shift operation once more. Make note of where gear shift hits floorboard. Notch floorboard to allow transmission to fully engage in all ranges. Re-install shift boot.

Engine Compartment

1. Install Fan Shroud.
 - a. Mount two (2) *kit brackets* (2" radiator (3" with 3" kit)) to bottom of radiator using two (2) factory fan shroud bolts. DO NOT TIGHTEN.
 - b. Mount fan shroud to *kit brackets* (radiator) with *kit washers* (1/4") and *kit nuts* (1/4" Nylock). DO NOT TIGHTEN.
 - c. Install four (4) *kit sleeves* (spacer) between upper and lower fan shroud using one (1) *kit bolt* (3/8 x 3-1/2 (4-1/2" with 3" kit)), two (2) *kit washers* (3/8) and one (1) *kit nut* (3/8 Nylock).
 - d. Adjust fan to lower fan shroud clearance. Apply *kit Loctite®* to *kit bolts*.
 - e. Tighten *kit bolts* and *kit brackets* securely.
2. Steering shaft.
 - a. Verify steering shaft extended during installation.

Front of Vehicle

1. Install front bumper.
 - a. Remove front vehicle tow hooks, if equipped.
 - b. Remove the two (2) factory inside brackets from bumper.
 - c. Mount *kit bracket* (front left bumper) using factory hardware to position the factory left bumper brackets were originally mounted. DO NOT TIGHTEN.
 - d. Repeat above step for right side of vehicle.
 - e. Adjust bumper strap and bumper block assembly so the strap is positioned evenly on both.
 - f. Tighten bolts and Nylock nuts securely.
 - g. Install bumper block and strap assembly inside frame rail using *kit bolt* (7/16" x 1") with one (1") *kit washer* (7/16") and one (1) *kit nut* (7/16" Nylock) in each hole.

- h. Mount block and strap assembly to bottom frame rail. DO NOT TIGHTEN.
- i. Trial fit bumper (bumper brackets are fully adjustable). The bottom inside bumper mount hole will mount to strap using factory hardware.
- j. Remove bumper.
- k. Make any adjustments and tighten bolts holding block assembly securely to bottom frame rail.
- l. Install front bumper.
- m. Mount outside bracket to flat plate that are mounted to frame using two (2) *kit bolts* (7/16" x 1"), four (4) *kit washers* (7/16") and two (2) *kit nuts* (7/16" Nylock). Each side attaches inside bottom bumper mount to strap using factory hardware.
- n. Adjust bumper to body.
- o. Tighten all mounting hardware securely.

2. Install front grill.

- a. Install grill with factory hardware and tighten securely.

3. Install Driving Lights.

- a. Install driving lights into driving light housings.
- b. Install driving light housings to grill and tighten factory hardware securely.

After Completing Installation

Engine Compartment

1. Battery cables.
 - a. Connect both battery cables. Connect positive cable first, then negative cable.

Miscellaneous

1. Apply *kit label* (warning) to dashboard in plain sight of all vehicle occupants.
2. Check all fasteners to ensure they are tight.
3. Adjust headlights.
4. Ensure all wires, hoses, cables, etc. are properly connected and there is ample slack.

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.

Parts List:

3" Kit

<u>Qty</u>	<u>Description</u>
12	Block, 3" Lift
1	Bolt, 3/8-16" x 1-1/2"
4	Bolt, 3/8-16" x 4-1/2"
2	Bolt, 5/16-18" x 1"
8	Bolt, 7/16-14" x 1"
6	Bolt, 7/16-14" x 1-1/2"
12	Bolt, 12-1.75mm x 180mm
2	Bracket, 3" Radiator
1	Bracket, Brake Relocating
1	Bracket, Front Left Bumper
1	Bracket, Front Right Bumper
2	Clamp, #36 Hose
1	Extension, 2" Transmission Shift
1	Extension, Fuel Filler
1	Extension, Steering
1	Instruction Sheet
1	Label, Logo
1	Label, Warning
1	Loctite®
2	Nut, 1/4-20" Nylock
5	Nut, 3/8-16" Nylock
2	Nut, 5/16-18" Nylock
14	Nut, 7/16-14" Nylock
2	Plate, Front Bumper Side
4	Sleeves, Spacer
2	Washer, 1/4"SAE
4	Washer, 5/16" USS
10	Washer, 3/8" USS
2	Washer, 1/2" thick
8	Washer, 7/16" SAE
30	Washer, 7/16" USS

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

⚠NOTE

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

2" Kit

<u>Qty</u>	<u>Description</u>
12	Block, 2" Lift
1	Bolt, 3/8-16" x 1-1/2"
4	Bolt, 3/8-16" x 3-1/2"
2	Bolt, 5/16-18" x 1"
8	Bolt, 7/16-14" x 1"
6	Bolt, 7/16-14" x 1-1/2"
12	Bolt, 12-1.75mm x 160mm
2	Bracket, 2" Radiator
1	Bracket, Brake Relocating
1	Bracket, Front Left Bumper
1	Bracket, Front Right Bumper
2	Clamp, #36 Hose
1	Extension, 2" Transmission Shift
1	Extension, Fuel Filler
1	Extension, Steering
1	Instruction Sheet
1	Label, Logo
1	Label, Warning
1	Loctite®
2	Nut, 1/4-20" Nylock
5	Nut, 3/8-16" Nylock
2	Nut, 5/16-18" Nylock
14	Nut, 7/16-14" Nylock
2	Plate, Front Bumper Side
4	Sleeves, Spacer
2	Washer, 1/4" SAE
4	Washer, 5/16" USS
10	Washer, 3/8" USS
2	Washer, 1/2" thick
8	Washer, 7/16" SAE
30	Washer, 7/16" USS