



## CHEVY/GMC TAHOE, SUBURBAN, YUKON, YUKON XL, 1500, 2500, 2 & 4WD (EXC. DENALI)

### BODY LIFT KIT

## INSTALLATION INSTRUCTIONS

1995-1999

2" KIT# 122

3" KIT# 123

#### **⚠WARNING**

Installation of a 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 roll-over 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 owner's manual before you begin the installation of this body lift kit.

#### **⚠CAUTION**

Proper installation of a 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**

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**

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.

#### **⚠NOTE**

We recommend using the Loctite® supplied in the kit on all hardware unless noted in the instructions.

#### **⚠WARNING**

The Supplemental Restraint System (SRS, or air bag) must be deactivated during lift kit installation to avoid accidental air bag deployment while working near SRS sensors and wiring. Do not allow anyone near the air bag during lift kit installation. Accidental deployment can result in serious personal injury or death. Refer to your factory service manual/owner's manual for the recommended procedure to disable the SRS. The SRS must be reactivated before driving the 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.

## A. Before you start.

### ⚠NOTE

This kit is designed to fit 1995-1999 2WD and 4WD, standard and extended cab full size Chevy Tahoes, Yukons, and Suburbans with gasoline engines only. This kit is not designed to fit vehicles equipped with diesel engines.

1. Read all warnings and instructions completely and carefully before you begin. Check the kit for proper contents (refer to the parts list).

### ⚠WARNING

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

2. Park the vehicle on a clean, dry, flat, level surface. Block the tires so the vehicle cannot roll in either direction.
3. Only install this kit on the vehicle for which it is intended.
4. Battery cable.
  - a. Disconnect both battery cables. Be sure to disconnect the negative cable first, then the positive cable.

## B. Get ready to install the kit.

1. Steering shaft:

### ⚠NOTE

Be sure that the steering shaft does not turn independently of the steering gearbox. This could cause the air bag system to malfunction causing possible personal injury and damage to the vehicle.

- a. Disconnect the lower steering shaft from the steering column at the firewall inside the engine compartment. Remove the nut and bolt (the bolt has an "L" shaped bracket pressed on the head) that join the steering column to the lower steering shaft. Separate the steering shaft from the steering column. Install the male end of the steering extension up into the steering column.

Insert a 3/8" x 1 1/2" bolt with a washer through the hole in the steering column and steering extension. Install a 3/8" washer and nylock nut on the bolt. **Do not tighten at this time.** Install the lower steering shaft up into the female end of the steering extension. Insert the stock bolt through the hole in the steering extension and the lower steering shaft. Install the stock nut on the bolt. Tighten all steering hardware securely. *Use the supplied Loctite® on all mounting hardware.*

2. Parking brake.
  - a. Separate the parking brake cable at the clip connecting the rear cable to the front cable.
  - b. Remove the front cable from the hole in the frame mount (squeeze the tabs together).
  - c. Mount parking brake cable relocating bracket to the frame mount by drilling two 5/16" holes in the frame mount corresponding to the holes in the kit parking brake cable relocating bracket.
  - d. Mount the kit parking brake cable relocating bracket using two 5/16" x 1" bolts, four 5/16" washers, and two 5/16" nylock nuts. Reroute the cable through the large hole in the kit parking brake cable relocating bracket.
  - e. Reconnect the front cable to the rear cable at the clip.
3. Front driving lights.
  - a. Remove four screws from driving lights and grill assembly.
  - b. Remove two driving lights from plastic housings.
  - c. Remove two plastic housings from the vehicle.
4. Grille.
  - a. Remove the eight screws mounting the grille assembly to the vehicle.
  - b. Remove the grill assembly from the vehicle.
5. Front bumper.
  - a. Remove the two bolts (on each side) attaching the outside bumper bracket to the frame bracket.

- b. Loosen the four bolts that mount the bumper to the two inside bumper brackets. **DO NOT REMOVE.**
  - c. Remove the three bolts that mount the stock bumper brackets to the frame.
  - d. Swing the two outside bumper brackets out of the way. Remove the bumper from the vehicle.
6. Fan shroud.
- a. Remove the screws that mount the upper fan shroud to the core support. Remove the four bolts mounting the upper portion of the fan shroud to the lower portion of the fan shroud.
  - b. Remove the two bolts mounting the lower fan shroud to the core support (under the radiator).
  - c. Remove the lower fan shroud from the vehicle.
7. **Automatic transmission models.**
- a. The automatic transmission is equipped with a cable shift. The cable runs down under the carpeting and through the floorboard to the transmission. There is a plastic locating-clip on the cable at the floorboard. The front seat will need to be removed to gain access to the cable. Remove the bolts that mount the seat to the floorboard. There should be eight on a bench seat, four on a bucket seat. If the seat is electric, disconnect the wiring. Remove the seat from the vehicle. Remove the doorjamb scuff plates. Pull the carpeting up to access the cable. The plastic clip is glued to the cable. Break the clip off the cable to allow the cable to slide through the rubber boot at the floorboard. Be sure that the entire clip has been removed. It may be necessary to pull the cable away from the masking tape that holds it to the floorboard. Push the cable through the floorboard as much as possible. Replace carpeting. Reinstall doorjamb scuff plates. Reinstall the front seat. Reconnect the wiring if equipped. Tighten the seat mounting bolts securely. **Manual transmission models.** The shift lever should drop down in the floor during lifting.
8. **4-Wheel drive models only.**
- a. Vehicles equipped with electronic shift control require no modification.
  - b. Manual 4WD shift: Be sure that the transfer case is in "2-HI" position.
- c. Remove the nut holding the transfer case shift linkage to the transfer case shift lever.
  - d. Remove the linkage from the shift lever.
  - e. The linkage will need to be adjusted after lift is complete.
9. Wires and clips.
- a. Remove the wiring and the steel vapor lines from the clips on the driver's side engine compartment.
  - b. Remove the wiring from the clips on the driver's side of the engine compartment.
  - c. Check for any other wires, cables, or hoses that may need to be disconnected before lifting. Disconnect as necessary. Make a diagram to ensure proper reconnection after the lifting operation is complete..
- ⚠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 and property damage.
- ⚠NOTE**

On Suburbans, the fuel filler will have to be lengthened as part of the lifting operation. On Suburbans equipped with a rear A/C unit, loosen the passenger side brackets holding the A/C lines to the body to give the body slack while lifting.
10. Check the fuel filter to make sure there is ample flex in the hose to allow for lifting. If there is not enough flex:
- a. Disconnect the fuel filler at the body.
  - b. Disconnect the fuel filler neck from the body.
- C. Install the kit.**
1. Prepare to lift the body.
    - a. Loosen but do not remove all 10 body-mounting bolts (there are 12 on Suburbans). They are located as follows on each side of the vehicle: In front beside the radiator in the core support; under the vehicle outside the frame screwing up into the body (two on each side, three on Subur-

ban; on the inside of the frame rail just in front of the rear axle; and at the very rear of the vehicle. Note: All bolts screw up into the body except the front bolt, which screws down into the nut on the bottom.

2. Lift body to install passenger spacer blocks

- a. Remove the body mounting bolts from the passenger side of the body only.
- b. Using a hydraulic jack and a wooden block, slowly lift the passenger side of the vehicle just high enough to place the spacer blocks on the body mounting pads (the cab uses all large spacer blocks). Be sure to constantly check for any wires, hoses, cables, etc. that may be binding.

**NOTE**

Because the washers on the front bolts are fixed to the bolt, use the thick 1/2" washers in these locations.

- c. Install new cab mounting bolts and washers in conjunction with stock hardware. All locations use 12mm x 180mm bolts (12mm x160mm bolts in 2" kit) and 7/16" USS washers.
  - d. Lower the body onto the spacer blocks. **Do not tighten.**
3. Lift body to install driver's side space blocks.
- a. Repeat steps 1 and 2 for the driver's side of the vehicle. Check to be sure that the steering shaft is extending while lifting the driver's side of the cab. It should extend approximately 1 1/4" to 1 3/8".
  - b. Remove new body-mounting bolts, one at a time, apply Loctite®, reinstall bolt, and tighten to vehicle torque specifications. *Use the supplied Loctite® on all mounting hardware.*
4. Lengthen the fuel filler hose.
- a. If the fuel-filler hose was disconnected, reconnect at this time. If filler hose needs to be lengthened, loosen the hose clamps at either end of the filler hose, adjust the length, and tighten the hose clamps.

- b. To lengthen the fuel filler on a Suburban, first remove the hose from the vehicle. Then cut the hose in half and install the fuel filler extension and the supplied #36 hose clamps. **Do not tighten at this time.** Reinstall the hose in the vehicle. Adjust the hose as necessary and tighten all hose clamps.

5. Wires and clips.

- a. Replace the wiring and the steel vapor lines in the clips where possible.

**NOTE**

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

6. **4-Wheel drive models only.**

- a. Adjust the transfer case linkage by turning the linkage out until the slot can realign with the linkage bolt on the transfer case.
- b. Reinstall transfer case shift linkage to the transfer case using the stock washer and nut and tighten securely. *Use the supplied Loctite® on all mounting hardware.*

7. **Automatic transmission.**

- a. Be sure that the cable has pulled through the floorboard and is not pulling on the boot or binding the cable.

8. **Manual transmission.**

- a. If the vehicle is equipped with a hydraulic clutch and requires no modification.
- b. Check gearshift operation. Be sure that the shift lever engages completely in all gears. If it does not, remove the shift boot and check gear shift operation again. Note the positions where the gearshift contacts the floorboard.
- c. Notch the floorboard to allow for complete engagement and install the shift boot.

9. Under the hood (fan shroud).

- a. Remove the stock nuts clipped to the fan shroud (for the four bolts that secure the upper fan shroud to the lower fan shroud).
- b. Drill the four holes out to 3/8".

- c. Notch the bottom of the lower fan shroud on both sides of the shroud to allow the shroud to go down 3".
- d. Reinstall the lower fan shroud under the fan.
- e. Using the stock hardware, mount the two lower fan shroud drop-down brackets to the positions that the fan shroud originally mounted to at the bottom of the core support.
- f. Mount the lower fan shroud to the studs protruding from the fan shroud brackets and install a 1/4" washer and nylock nut on each stud.
- g. Adjust the fan to lower fan shroud clearance. Ensure that the distance is equal on both sides.
- h. Tighten all lower fan shroud mounting hardware securely. *Use the supplied Loctite® on all mounting hardware.*
- i. Reinstall the upper fan shroud to the core support.
- j. Install the four fan shroud spacer tubes between the two sections of the fan shroud in the four positions that the two sections were originally bolted together.
- k. Install one 3/8" x 4 1/2" (3/8" x 3 1/2" for 2" kit) bolt with a 3/8" washer through the fan shroud and spacer tubes at each location. Install a 3/8" washer and nylock nut on each bolt.
- l. Tighten all fan shroud hardware securely. *Use the supplied Loctite® on all mounting hardware.*
- m. Double-check fan shroud clearance all the way around the shroud. Ensure that the fan cannot contact the fan shroud.

#### ⚠NOTE

On 2" kits, it is only possible to mount the outside support brackets to the relocating bracket with one bolt because the frame mount interferes.

- c. Using the stock hardware, install the outside bumper support relocating plates to the position that the outside support brackets were originally mounted to the stock locations on the frame. **Do not tighten.**

Tow Hook equipped vehicles:

- d. Option 1: Permanently remove the tow hooks from the vehicle. Be sure to also remove the plate inside the frame rail that the tow hooks bolted to.
- e. Option 2: Notch the bottom bumper valance to allow clearance for the tow hooks.
- f. Install the front bumper and new brackets on the vehicle. Using six 7/16" x 1 1/2" bolts, twelve 7/16" large washers, and six 7/16" nylock nuts, mount the inside bumper brackets to the stock locations on the frame. **Do not tighten.**
- g. Use four 7/16" x 1" bolts, four 7/16" large washers, four 7/16" small washers, and four 7/16" nylock nuts (the large washers go on the bumper support bracket, and the small washers go on the stock brackets) mount to the outside bumper support bracket. **Do not tighten.**
- h. Adjust the bumper-to-body clearance.
- i. Tighten all bumper mounting hardware securely. *Use the supplied Loctite® on all mounting hardware.*

## D. After Installation.

### 10. Front bumper.

- a. Remove the stock inside bumper brackets from the front bumper.
- b. Using four 7/16" x 1" bolts, four 7/16" large washers, four 7/16" small washers, and four 7/16" nylock nuts, install the new bumper brackets to the front bumper (the large washers go on the outside of the bumper, and the small washers go on the inside of the bumper brackets). **Do not tighten.**

### 1. Grille.

- a. Install the grille assembly and tighten screws securely.

### 2. Front lights.

- a. Install two plastic housings on grille assembly.
- b. Install two driving lights on plastic housings.

- c. Install two driving lights on grille assembly with four screws.
3. Battery cables.
- a. Reinstall both battery cables to the battery. Be sure to install the positive cable first, then the negative cable.
4. Stickers.
- a. Place the warning sticker on the dash in plain sight of all vehicle occupants.

**⚠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.

5. Double-check the vehicle.
- a. Check for any wires, cables, hoses, etc. that may be binding.
  - b. Check transmission and transfer case operation. Be sure that there is complete engagement in all gears and 4 wheel drive ranges.
  - c. Start the vehicle.
  - d. Check steering operation. Be sure that there is no binding.
  - e. Check fan-to-fan shroud clearance again.
  - f. Check clutch operation.
  - g. Test drive in all gears and 4 wheel drive ranges.
  - h. Double-check all hardware again in 500 miles, and as part of your regular maintenance schedule.

**⚠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.

**⚠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.

**Kit# 122 2" Parts List**

| Quantity | Description                      |
|----------|----------------------------------|
| 12       | 2" Blocks                        |
| 1        | Front left bumper bracket        |
| 1        | Front right bumper bracket       |
| 2        | Front bumper side plates         |
| 1        | Steering extension               |
| 1        | 2" fuel filler extension         |
| 1        | Warning to driver sticker        |
| 1        | Logo label                       |
| 1        | 10ml bottle Loctite              |
| 1        | <b>Bolt Pack</b>                 |
|          | <b>Bolts</b>                     |
| 10       | 12mmx 160mm bolts                |
| 1        | 3/8" x 1 1/2" bolts              |
|          | <b>Washers</b>                   |
| 8        | 7/16" USS washers                |
| 10       | 3/8" USS washers                 |
| 4        | 5/16" USS washers                |
| 2        | 1/2"x3/16"x1 3/4" thick washers  |
|          | <b>Nuts</b>                      |
| 2        | 5/16" nylock nuts                |
| 5        | 3/8" nylock nuts                 |
| 1        | Parking brake relocation bracket |
| 1        | <b>Hardware Pack</b>             |
|          | <b>Bolts</b>                     |
| 4        | 3/8" x 3 1/2" bolts              |
| 8        | 7/16" x 1" bolts                 |
| 6        | 7/16" x 1 1/2" bolts             |
| 2        | 1/4" x 1" bolt                   |
|          | <b>Nuts</b>                      |
| 14       | 7/16" nylock nuts                |
| 4        | 3/6" nylock nuts                 |
| 4        | 1/4" nylock nuts                 |
|          | <b>Washers</b>                   |
| 8        | 3/8" USS washers                 |
| 20       | 7/16" USS washers                |
| 8        | 7/16" SAE washers                |
| 6        | 1/4" SAE washers                 |
|          | <b>Miscellaneous</b>             |
| 4        | 1/2" x 2" fan shroud spacers     |
| 2        | #36 hose clamps                  |
| 2        | Lower fan shroud supports        |

**Kit# 123 3" Parts List**

| Quantity | Description                      |
|----------|----------------------------------|
| 12       | 3" Blocks                        |
| 1        | Front left bumper bracket        |
| 1        | Front right bumper bracket       |
| 2        | Front bumper side plates         |
| 1        | Steering extension               |
| 1        | 2" fuel filler extension         |
| 1        | Warning to driver sticker        |
| 1        | Logo label                       |
| 1        | 10ml bottle Loctite              |
| 1        | <b>Bolt Pack</b>                 |
|          | <b>Bolts</b>                     |
| 10       | 12mmx 180mm bolts                |
| 1        | 3/8" x 1 1/2" bolts              |
|          | <b>Washers</b>                   |
| 8        | 7/16" USS washers                |
| 10       | 3/8" USS washers                 |
| 4        | 5/16" USS washers                |
| 2        | 1/2"x3/16"x1 3/4" thick washers  |
|          | <b>Nuts</b>                      |
| 2        | 5/16" nylock nuts                |
| 5        | 3/8" nylock nuts                 |
| 1        | Parking brake relocation bracket |
| 1        | <b>Hardware Pack</b>             |
|          | <b>Bolts</b>                     |
| 4        | 3/8" x 4 1/2" bolts              |
| 8        | 7/16" x 1" bolts                 |
| 6        | 7/16" x 1 1/2" bolts             |
| 2        | 1/4" x 1" bolt                   |
|          | <b>Nuts</b>                      |
| 14       | 7/16" nylock nuts                |
| 4        | 3/6" nylock nuts                 |
| 4        | 1/4" nylock nuts                 |
|          | <b>Washers</b>                   |
| 8        | 3/8" USS washers                 |
| 20       | 7/16" USS washers                |
| 8        | 7/16" SAE washers                |
| 6        | 1/4" SAE washers                 |
|          | <b>Miscellaneous</b>             |
| 4        | 1/2" x 3" fan shroud spacers     |
| 2        | #36 hose clamps                  |
| 2        | Lower fan shroud supports        |