



1992 - 1996 FORD F-150, F-250, FLARESIDE STD & EXTRA CAB INSTALLATION INSTRUCTIONS KIT SUM-7882300

⚠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 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 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

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. Before combining a body lift with a suspension lift, consult an installation professional to see how this will affect your specific application.

⚠WARNING

The installation of larger wheel and tire combinations may reduce the effectiveness of the anti-lock braking system.

⚠WARNING

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.

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

2. Park the vehicle on a clean, dry, flat surface and block the tires so the vehicle cannot roll in either direction. Think safety. Manual transmission models should be placed in neutral. Automatic transmission models should be placed in park. Set the parking brake.

3. Disconnect both battery cables. Be sure to always disconnect the negative cable first, then the positive cable. If the vehicle is equipped with an air bag, remove the air bag fuse from the fuse box.

4. Remove the screws mounting the right and left doorjamb scuff plates. Remove the scuff plates. Remove the screws mounting the right and left kick panels. Gently remove the plastic clip located in the center of the kick panel; be careful not to break it. Remove the kick panel.

5. Extra cab only: Pull the bottom of the rear seat forward. Remove the bolts holding the rear cushion to cab. Remove the rear cushion.

6. Pull the carpet back to reveal the access cover in the floorboard and at the rear inside cab (under rear seat). Remove the access covers.

7. Remove the air intake duct from the top of the radiator to the air cleaner.

8. Remove the two bolts that mount the fan shroud to the top of the radiator; pull the fan shroud up and out of the clips that mount the fan shroud to the bottom of the radiator.

9. Remove the two bolts holding the smog

canister to the passenger side fender well. Move the canister approximately 5" toward the engine. Drill two new holes and remount using stock hardware. This is so the hose can reach the canister after lifting.

10. Remove the bolt attaching the main steering shaft to the universal joint under the dash. Slide the steering shaft out of the universal joint. Using the stock bolt, install the steering extension into the universal joint. Be sure that the bolt goes through the slot on the steering extension. This will prevent the steering extension from coming out of the universal joint. Tighten the bolt securely. *We recommend the use of Loctite® or similar adhesive on all steering hardware.* Do not rotate the steering shaft or the steering wheel while they are disconnected.

11. Measure the distance between the bumper and the body for later reference. Loosen the 4 bolts that mount the front bumper to the front bumper frame brackets. Remove the bolts and remove the bumper.

12. Check the vehicle for any wires, cables, hoses, etc. That may need to be disconnected before lifting; disconnect as necessary (make a diagram for reconnection after lifting is complete).

13. **Automatic Transmission:** The transmission is cable operated and no modification is necessary. **Manual transmission:** The shifter should simply drop down into the floor; some modifications to the floorboard may be necessary. The hydraulic clutch line may need to be removed from the clip on the body. **Transfer case:** The linkage should drop down in the floorboard. The floor board may need to be modified after lifting operation is complete. "Shift on the fly" is electronically controlled and should require no modification.

14. Measure the distance between the cab and the bed. Record the measurement for later

reference. Loosen but do not remove all cab mounting bolts. They are located on either side of the radiator in the front, inside the cab on floorboard and inside at the rear of cab.

15. Remove the passenger side cab mounting bolts only. Using a hydraulic jack and a wooden block, slowly raise the passenger side of the vehicle just high enough to place the spacer blocks on the mounting pads. Be sure to continually check for any wires, cables, hoses, etc. that may bind. Remove the front bushing (next to radiator). Using a 1/2" drill, drill out the threads in the body bushing sleeve. This will allow new bolt to slide through the sleeve. Replace the bushing on the frame mount. Place the blocks on all three mounting pads using the stock hardware. Install the new mounting bolts as follows: front 12mm x 180mm; inside floorboard 7/16" x 7"; and rear cab 7/16" x 9". Use the washers supplied in the kit on the bolt and the stock hardware on bottom. **DO NOT TIGHTEN AT THIS TIME.**

16. Repeat step 16 for the driver's side of the cab. Tighten all cab mounting bolts to vehicle torque specifications at this time. *We recommend the use of Loctite® or similar adhesive on all mounting hardware.*

17. Check the fuel filler hose for ample flex and reach. Disconnect if necessary.

18. Loosen all the bed mounting bolts, but do not remove.

19. Remove passenger's side bed bolts only. Slowly raise the passenger's side of the bed just high enough to place the spacer blocks on the mounting pads. Install the spacer blocks on the pads. There is one mount where there is a rivet in the way. Use the small spacer block at this location on both sides. Using the hardware provided in the kit, install the new mounting bolts as follows from front to rear, 1/2" x 7 1/2", 1/2" x 7", 1/2" x 6" and 1/2" x 6 1/2" at the rear for 3" kit.

(A washer on each side, nylock nut on the bottom.) Do not tighten at this time.

20. Repeat step 20 for the driver's side of the bed. Refer to the measurements made earlier and re-align the cab to the bed. Tighten all bed mounting bolts to vehicle torque specifications at this time. *We recommend the use of Loctite® or similar adhesive on all mounting hardware.*

21. If the fuel filler hose was disconnected, reconnect and adjust as necessary at this time.

22. Using the 3/8" x 1 1/4" Allen head bolt, install the steering shaft into the steering extension. Be sure that the bolt goes through the slot in the steering shaft. This will prevent the steering shaft from coming out of the steering extension. Tighten the bolt securely. *We recommend the use of Loctite® or similar adhesive on all steering hardware.*

23. **Automatic transmission:** Carefully pull downward on the transmission cooling lines to allow enough room for the fan shroud to be lowered three inches (3" kit, 2 inches for 2" kit.) Using the stock hardware, mount the 2 fan shroud drop down brackets to the top of the radiator. Use two 1/4" washers as spacers between the radiator and bracket. Be sure that the radiator brackets cannot contact the fins on the radiator. Mount the fan shroud to the brackets using the hardware provided. Adjust the fan shroud-to-fan clearance. Tighten securely. Remove the center bolt at the bottom of the core support. Mount the lower fan shroud support bracket to the core support and tighten securely. Drill a hole up through the bracket and the bottom of the fan shroud. Mount fan shroud to bracket using 1/4" x 1" bolt, washers and nylock nut. Tighten securely.

24. Reinstall the air intake duct to the air cleaner and the top of the radiator. Tighten the mounting bolts securely.

25. Reinstall the access hole covers and lay carpet back in its original position. Reinstall both kick panels and both doorjamb scuff plates.

26. Reroute the battery cables so they go over the smog canister. It may be necessary to cut the tape holding the positive and negative cables together. Do not reconnect battery cables at this time.

28. **Manual transmission models:** Check the gearshift operation for proper engagement in all gears. If the transmission does not fully engage in all gears, remove the shift boot and check once more. Make a note of where the shifter makes contact with the floorboard. Notch the floorboard to allow full engagement in all gears. Reinstall the shift boot. **Manual transfer case:** repeat the same procedure as the manual transmission for the transfer case.

29. In order to raise the front bumper on this vehicle, the frame horn must be notched approximately 2 1/2" up and 3" back. If you do not wish to notch the frame, reinstall the front bumper to the stock frame bracket using the stock hardware, adjust the height and tighten securely. To raise the front bumper, using a die grinder notch the bottom of the frame horns approximately 2 1/2" up and 3" back according to diagram #1. Mount the new bumper brackets and bumper to stock frame brackets as shown in diagrams #2 and #3. Using the stock hardware, insert the stock bolt in the bottom hole in the bracket mounted to the bumper, then through the bottom hole in the new bumper bracket (diagram #3). Install the nut onto the bolt but do not tighten completely. Using the 7/16" x 1 1/2" bolt and washer, insert the bolt through the top hole in the bracket mounted to bumper and then through the new bumper bracket. Use the extra 7/16" washers as shims to adjust the angle of the front bumper in respect to the body. Install a 7/16" washer and nylock nut on the back of the bolt, but do not tighten. Adjust the height of the bumper; refer to the measurements recorded

earlier. Tighten all hardware securely. *We recommend the use of Loctite® or similar adhesive on all mounting hardware.*

30. Check transmission and transfer case operation in all gears and 4WD ranges to ensure proper engagement.

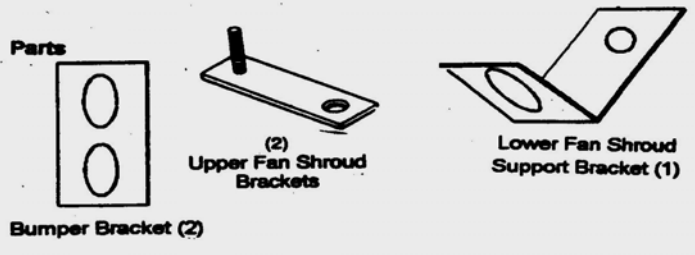
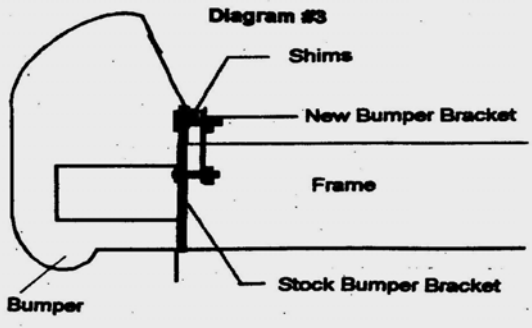
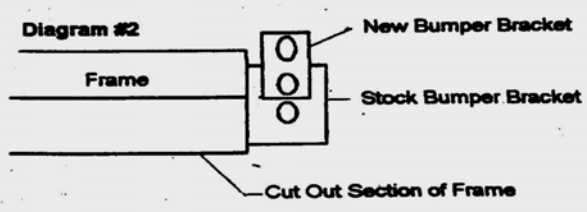
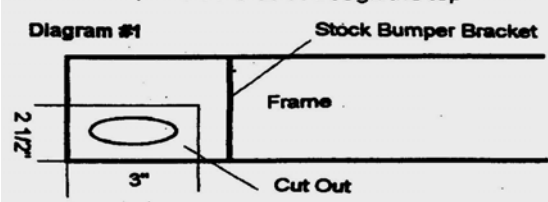
31. Reconnect both battery cables. Be sure to connect the positive cable first, then the negative cable. If the vehicle is equipped with an air bag, reinstall the air bag fuse.

32. Place the warning sticker on the dash in plain sight of all vehicle occupants.

33. **DOUBLE-CHECK THE VEHICLE.** Check all cables, wires, hoses, etc. Be sure everything is connected properly and is not binding. **NOTE:** On models equipped with the 460 CID engine, the exhaust manifold may make contact with the heat shield, so move the heat shield in slightly to allow for gap between both parts. Check all electrical connections before starting. Start the vehicle. Check the steering to be sure it does not bind. Check transmission and transfer case operation in all gears and 4WD ranges. Check all bolts to be sure that they are tightened securely. Double check all bolts and hardware again in 500 miles and as part of your regular maintenance schedule.

Kit# 823 3" Parts List	
Quantity	Description
12	3" Big blocks
2	3" mini blocks
2	12mm x 180mm bolts
2	7/16" x 9" Bolts
2	7/16" x 6 1/2" Bolts
2	1/2" x 7" Bolts
2	1/2" x 7 1/2" Bolts
2	1/2" x 6" Bolts
2	1/2" x 6 1/2" Bolts
8	1/2" Nylock nuts
16	1/2" USS washers
18	7/16" USS washers
2	3" Fan shroud brackets
1	Lower fan shroud support bracket
1	1/4" x 1" Bolt
4	1/4" Washers
3	1/4" Nylock nuts
2	7/16" x 1 1/2" Bolts
2	7/16" Nylock nuts
2	Front bumper brackets
1	Steering extension
1	3/8" x 1 1/4" Allen head bolt

Kit# 823 2" Parts List	
Quantity	Description
12	2" Big blocks
2	2" mini blocks
2	12mm x 160mm bolts
2	7/16" x 8" Bolts
2	7/16" x 5 1/2" Bolts
2	1/2" x 6" Bolts
2	1/2" x 6 1/2" Bolts
2	1/2" x 5" Bolts
2	1/2" x 5 1/2" Bolts
8	1/2" Nylock nuts
16	1/2" USS washers
18	7/16" USS washers
2	2" Fan shroud brackets
1	Lower fan shroud support bracket
1	1/4" x 1" Bolt
4	1/4" Washers
3	1/4" Nylock nuts
2	7/16" x 1 1/2" Bolts
2	7/16" Nylock nuts
2	Front bumper brackets
1	Steering extension
1	3/8" x 1 1/4" Allen head bolt



Limited One-Year Warranty

This Limited One-Year Warranty is given to the original purchaser (the "Buyer") of this new Summit or Summit Performance Branded Product. Summit Racing Equipment warrants that the product will be free from defects in workmanship and materials under normal use and service for one year from the date of purchase.

Your responsibilities:

Keep a sales receipt, canceled check, or payment record to verify your purchase date. Operate and maintain the product in accordance with the specifications provided to you with the product. Arrange for or pay items and costs that are not covered by this Limited Warranty.

What is not covered:

1. Damages caused by shipping, product misuse, misapplication, improper installation or maintenance, or damages resulting from accidents, contact with on-road or off-road hazards, or racing engine use.
2. Labor costs to remove and install the products or component parts.
3. The costs of shipping the product to and from Summit Racing Equipment.

Claims Procedure:

The duration of this warranty is limited to claims made in writing to Summit Racing Equipment within one year after the Purchase Date.

The Buyer should call the telephone number below to report a possible warranty claim. The Buyer must also allow Summit Racing Equipment to inspect the product, and the Buyer must reasonably cooperate with Summit Racing Equipment with respect to verifying the warranty claim of the Buyer. In the event that a warranted defect is discovered, Summit Racing Equipment will repair or replace the product, or return the purchase price to the Buyer, at the option of Summit Racing Equipment.

All shipping costs are paid by the Buyer. Merchandise returned to Summit Racing Equipment without prior authorization will not be accepted.

This warranty extends only to the Buyer and is not transferable.

Implied warranties applicable to this transaction extend only to one year. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Summit Racing Equipment shall not be responsible for any incidental or consequential damages of the Buyer. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty gives you very specific legal rights, and you may also have other rights which vary from state to state.



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