



1986-1995 JEEP WRANGLER INSTALLATION INSTRUCTIONS KIT #931

⚠WARNING

Installation of a Performance Accessories [body lift](#) will change the center of gravity and the handling characteristics of the vehicle. Because of the higher center of gravity and larger tires, the vehicle will handle and react differently both on and off road. You must drive it safely! Extreme care must be taken to prevent vehicle rollover or loss of control, which could result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers and always make sure all vehicle occupants have their seat belts fastened.

⚠WARNING

Read and understand all instructions, warnings, cautions, and notes in this sheet and in your owner's manual before you begin the installation of this body lift kit.

⚠CAUTION

Proper installation of a Performance Accessories body lift kit requires knowledge of the factory recommended procedures for disassembly and assembly of original equipment components. It is recommended 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 might affect the performance of these components and the safety of your vehicle. It is strongly recommended that a certified mechanic who is familiar with the installation of similar components install this body lift kit.

⚠WARNING

Always wear eye protection when operating power tools.

⚠WARNING

This body lift kit should only be installed on vehicles that are in good working condition. Before the installation begins, 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. It is not recommended that any vehicle, with a body lift installed, be involved in any extreme off road maneuvers. Failure to follow this warning may result in serious personal injury and/or serious damage to your vehicle.

⚠WARNING

Performance Accessories strongly discourages the use of a suspension lift kit or any other lift device in addition to a body lift kit. A vehicle that uses a combination of lift devices not originally engineered to be used together may result in unexpected and unsafe handling characteristics. Many states now have laws restricting bumper heights and vehicle lifts. Local laws should be consulted to determine if the changes you intend to make to your vehicle complies with state laws.

⚠WARNING

The installation of larger wheel and tire combinations may reduce the effectiveness of the Anti-lock Braking System.

⚠NOTE

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

1. Read all warnings and instructions completely and carefully before you begin. Check the kit for proper contents (refer to the part's list and the picture diagrams). Only attempt to install this kit on the vehicle described above.

⚠WARNING

Make sure 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.

⚠WARNING

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

3. Disconnect both battery cables. Be sure to disconnect the negative cable first, then the positive cable.
4. If applicable, remove the airbag fuse from the fuse box.

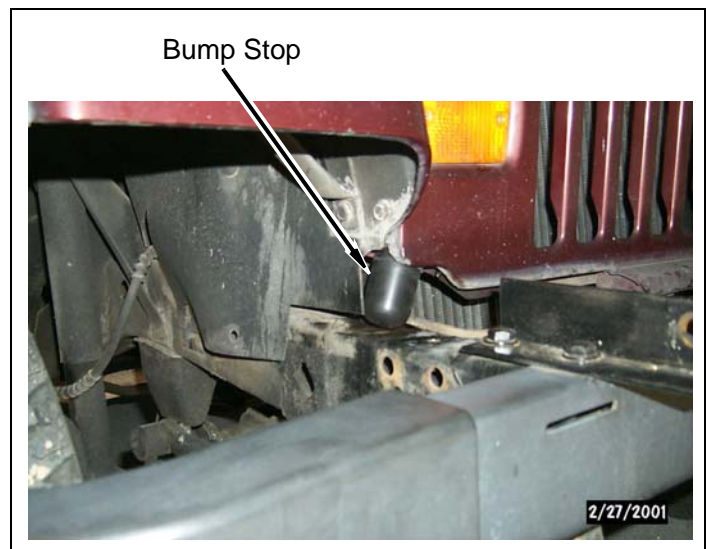
⚠WARNING

Be sure that the steering shaft does not turn independently of the steering gearbox. This could cause the air bag system to malfunction.

5. Remove the plastic "Jeep" cover from the front bumper just below the grill.
6. **Manual Transmission:** no modifications necessary.
7. **Automatic transmission:** Remove shift linkage rod from steering column lever in engine compartment. Remove shift linkage rod from transmission linkage pivot assembly. Remove two bolts and pivot assembly from bracket, pivot bracket, and vehicle.
8. Loosen two clamps and remove air intake duct from core support.
9. **6 cylinder models.** Loosen the clamps that mount the air intake hose to the air filter housing and the throttle body. Remove the hose from the vehicle.
10. Remove the four bolts that mount the fan shroud to the radiator.
11. Remove all six radiator mounting bolts and allow the radiator to sit on the frame.
12. Loosen but do not remove all eleven body-mounting bolts. There is one at the front center, three under each door, two above rear axle, and two at the very back of the frame.
13. Remove the front center and passengers side body-mounting bolts. Using a jack and a wooden block, slowly lift the passenger's side of the vehicle just high enough to place the space blocks on the frame mounts. Be sure to check for wires, hoses, or cables that may be binding while lifting the vehicle. The

large 1 x 3 diameter blocks go on the three frame mounts three under each door. The 1" x 2" spacers go on all other mounts. The front spacer block cannot be installed until the vehicle is lifted on both sides. Install 1/2" SAE washers on the 1/2" x 4-1/2" bolts and install along the frame rail under the doors (three on each side). Install the 7/16" USS washers on the 7/16" x 3-1/2" bolts go on all other mounts. Be sure to replace the bottom portion of the bushing assembly when installing the new mounting bolts.

14. Check to ensure that the steering shaft is extending while lifting the driver's side of the cab.
15. Remove screw and bump stop from core support.
16. Install *kit* bump stop on core support with a *kit* 1/4"-20 x 1" socket head bolt.

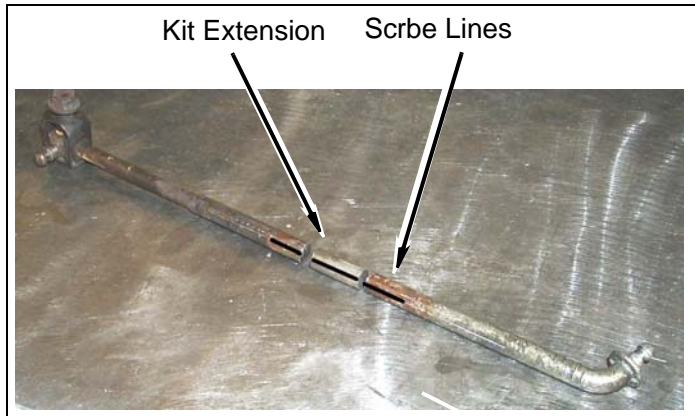


17. Repeat step #13 for the driver's side of the vehicle. Be sure to install the front-center spacer block and mounting bolt.
18. Automatic transmission. To lengthen shift linkage rod, scribe a line along the shift linkage and cut linkage in half through scribed line.

⚠NOTE

We recommend that all welding be done by a certified welder only.

19. Position *kit* extension pin between two halves of shift linkage rod, align scribed lines, and weld *kit* extension pin in place.



20. Install transmission linkage pivot assembly in bracket.

21. Install *kit* transmission linkage pivot relocating bracket on pivot bracket with two bolts.

22. Install transmission linkage pivot assembly on *kit* transmission linkage pivot relocating bracket with two *kit* 1/4" x 1" bolts, four *kit* 1/4" washers, and two *kit* 1/4" nylock nuts. Do not tighten.

23. Install shift linkage rod on pivot assembly.

24. Install shift linkage rod on steering column shift lever.

25. Automatic transmission adjustment. Position shift lever in low. If low does not fully engage, adjust pivot assembly by loosening bolt and pulling shift lever down until shift lever fully engages low position. Tighten bolt and run shifter through gears to ensure correct adjustment.

26. **Manual transmission model.** The vehicle is equipped with a hydraulic clutch and requires no modification. Check gearshift operation. Be sure that the shift lever engages completely in all gears. If it does not, remove the shift boot. Check gear shift operation again. Note the positions where the gearshift contacts the floorboard. Notch the floorboard to allow for complete engagement. Reinstall the shift boot.

27. Install six radiator lowering brackets (with studs) on the core support using the stock screws. Do not tighten. Install the radiator on the bracket studs with the *kit* 1/4" SAE washers and 1/4" nylock nuts. Adjust the fan to fan shroud clearance. Mount the vent hose to the top radiator mount. Tighten all hardware securely.

28. If removed, install the coolant recovery tank the power steering reservoir on the fan shroud.

29. Connect the vacuum hose to the vacuum brake booster. You may need to reposition the hose to reconnect.

30. Replace the plastic "Jeep" cover on front bumper just below the grill.

31. Reinstall both battery cables to the battery. Be sure to install the positive cable first, then the negative cable.

32. Reinstall the air bag fuse in the fuse box.

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

CAUTION

All fasteners should be retorqued after 500 miles and after off road use. All body lift parts should be visually inspected and fasteners retorqued during routine vehicle servicing.

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

NOTE

The vehicle owner must retain all warranty information, instruction sheets, and other documents regarding the installation of this product. 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 that have been made to his vehicle and how they affect the handling and performance of the vehicle. Failure to provide the customer with this information can result in damage to the vehicle and possible personal injury.

PARTS LIST

QTY DESCRIPTION

6	1" large spacers
5	1" mini spacers
6	1/2" x 4 1/2" bolts
5	7/16" x 3 1/2" bolts
6	1/2" SAE washers
5	7/16" USS washers
6	radiator drop down brackets
2	5/16" x 1" bolts
4	5/16" USS washers
2	5/16" nylock nuts
2	1/4" x 1" bolts
1	1/4" washers
8	1/4" nylock nuts
1	Instruction sheet
1	Warning label
2	1/4 x 20 x 1 socket head bolt
2	Bump stop