

841 S. 71st Avenue • Phoenix, AZ 85043 (623) 907-0081 www.performanceaccessories.com

# FORD TRUCK AND BRONCO INSTALLATION INSTRUCTIONS KIT # PA702,PA703 1970-1979 PICKUP KIT # PA712,PA713 1980-1986 PICKUP KIT # PA732,PA733 1978-1986 BRONCO KIT # PA762,PA763 1987-1991 PICKUP KIT # PA772,PA773 1966-1977 BRONCO

#### MWARNING

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.

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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.

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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.

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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.

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

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We will not warranty any damage to the A/C system.

#### **MARNING**

Always wear eye protection when operating power tools.

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

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

### **∆NOTE**

This *kit* is designed to fit appropriate application 2wd and 4wd, standard and extended cab full size Ford pickups with gasoline engines only. This *kit* is not designed to fit vehicles equipped with diesel engines.

#### MWARNING

This *kit* will not fit 2wd with steering gear box mounted close to firewall (steering behind front axle).

- 1. Read all warnings and instructions completely and carefully before you begin. Check the *kit* for proper contents (refer to the part's list).
- 2. If at anytime during the installation you encounter something different from what is outlined in the instructions, call technical support. (928) 636-0979 or go online to our webpage at http://www.performanceaccessories.com.

#### **∕∆WARNING**

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

- 3. Park the vehicle on a clean, dry, flat, level surface. Block the tires so the vehicle cannot roll in either direction.
- 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 column.
  - a. Most steering columns have a slip joint. Check the joint to see if the inner and outer sections are pinned together. If they are pinned together, drill out pins. If there is no slip joint steering shaft will need to be replaced with an aftermarket shaft designed to accomodate the lift.The shaft will telescope out approximately 3/4" for a 2" lift and approximately 1 1/4" for a 3" lift.

- 2. Grill.
  - a. Remove the screws mounting the grill assembly to the vehicle.
  - b. Remove the grill assembly from the vehicle.
- 3. Fan shroud.
  - a. Remove screws holding the fan shroud to the radiator. Rest fan shroud on fan.

#### **MOTE**

Vehicles equipped with 6 cylinder/V-6 will require replacement of lower radiator hose with generic flex hose to avoid contact with smog pump.

- 4. 6 cylinder/V-6 equipped models.
  - a. Drain radiator fluid into clean container.
  - b. Remove lower radiator hose.
  - c. Install new lower radiator hose.
  - d. Replace radiator fluid according to manufacturer's specifications.
- 5. Automatic transmisson.
  - a. In engine compartment remove two cotter keys from shift rod and shift linkage. Remove shift rod from vehicle.
  - b. Scribe a line along shift rod just above the first bend at the top of the shift rod.
  - c. Cut shift rod through the scribed line.

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A certified welder should perform all welding.

- d. Position *kit* shift extension pin between the two pieces of the shift rod. Align the scribed line and weld the extension in place.
- 6. Manual transmisson.
  - a. If the vehicle is equipped with a hydraulic clutch, it requires no modification.
  - b. For mechanical clutches, remove two cotter keys, four washers, two bushings, and clutch rod from pedal and pivot assembly.

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A certified welder should perform all welding.

- c. Scribe a line along side of clutch rod and *kit* linkage extension. Cut clutch rod into two pieces through the line and deburr as necessary.
- d. Position *kit* linkage extension between two pieces of clutch rod. Ensure extension and clutch rod scribed lines align and weld extension in place.
- 7. 4 wheel drive models.
  - a. The 4wd shifter will lower into the floorboard.
- 8. Wires and clips.
  - a. Remove wiring and steel vapor lines from clips on driver's side frame rail.
  - b. Check for any other wires, cables, hoses that may need to be disconnected before lifting. Disconnect as necessary.

### C. Install the kit.

- 1. Measurements.
  - a. Measure the distance between the cab and the bed. Record measurements to ensure proper alignment of cab and bed after lifting the operation is complete.
- 2. Prepare to lift the body.

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Failure to install the OEM cab mounting hardware (except mounting bolts in this *kit*) in the stock locations could result in serious personal injury or damage to the vehicle.

- a. Loosen but do not remove all six cab-mounting bolts.
- b. It may be necessary to drill front two body bushing sleeves (near radiator core support) to 1/2" diameter for *kit* bolt.
- 3. Lift body to install passenger spacer blocks.

- a. Remove the cab mounting bolts from the passenger side of the cab only. Ensure that vehicle doors are closed. This will help prevent the cab from flexing during the lifting operation.
- 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 top of the body mounting pads. Be sure to constantly check for any wires, hoses, cables, etc. that may be binding.
- c. Install *kit* cab mounting bolts and washers (and nuts where necessary) in conjunction with stock hardware.
- d. Lower the body onto the spacer blocks.
- 4. Lift body to install driver side space blocks.

#### **∆NOTE**

Performance Accessories recommends using the Loctite® supplied in the *kit*.

- a. Repeat step 3. 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".
- b. Remove *kit* cab-mounting bolts, one at a time, apply Loctite®, reinstall bolt and tighten to vehicle torque specifications. Use the supplied Loctite® on all mounting hardware.
- 5. Lift the bed.
  - a. Loosen but do not remove all six bed-mounting bolts (eight on long bed models). They are located as follows; at the front of the bed, just in front of the rear axle, just behind the rear axle, and at the rear of the bed.
  - b. Remove the bed mounting bolts from the passenger side of the bed only.
  - c. Using a hydraulic jack and a wooden block, slowly lift the bed just high enough to place the spacer blocks on the bed mounting pads.
  - d. Install *kit* bed mounting bolts on the frame and bed. Do not tighten.
  - e. Repeat step 5 a. through d. for driver's side of the bed.
  - f. Realign the bed to the cab. Refer to the measurements recorded earlier.

g. Remove *kit* bed-mounting bolts, one at a time, apply Loctite®, install bolts and tighten to vehicle torque specifications.

#### **∆NOTE**

Note you may have to remove the fan in order to allow access to the fan shroud.

- 6. Fan shroud.
  - a. Test fit fan shroud to radiator. Mark fan shroud where fan contacts fan shroud.
  - b. Carefully trim the bottom of fan shroud to accommodate fan. Do not trim more than necessary. Be sure that the shroud cannot make contact with the fan.
- 7. Wires and clips.
  - a. Replace the wiring and the steel vapor lines in the clips on the frame rail where possible.
- 8. 4 wheel drive models.
  - a. 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.
  - b. Notch floorboard if necessary.
- 9. Automatic transmission.
  - a. The extended linkage rod should be painted to prevent rusting.
  - b. Install the extended linkage rod in the springloaded bracket at the transmission and at the steering column shift lever with two cotter keys. Ensure the extended linkage rod is secure.
- 10. Manual transmission.
  - a. Install the extended clutch linkage rod in the pivot assembly and clutch pedal with two bushings, four washers, and two cotter keys. Ensure the extended clutch linkage rod is secure.
  - b. Check clutch operation.
  - c. Check shift lever operation. Be sure that the shift lever engages completely in all gears. If it does not, remove the shift boot and check shift lever operation again. Note the positions where the shift lever contacts the floorboard.

d. Notch the floorboard to allow for complete engagement and install the shift boot.

### D. After Installation.

- 1. Grill.
  - a. Install the grill assembly on vehicle. Install screws on grill assembly and grill.
- 2. Battery cables.
  - a. Install both battery cables to the battery. Be sure to install the positive cable first, then the negative cable.
- 3. Warning labels.
  - a. Place the warning labels on dash in plain sight of all vehicle occupants.
- 4. Install Gap Guards (sold separately).
  - a. You did remember to buy your gap guards, didn't you?

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All fasteners should be retorqued 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. Check steering operation. Be sure that there is no binding.
  - d. Check fan to fan shroud clearance again.
  - e. Test drive in all gears and 4 wheel drive ranges
  - f. 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.

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Performance Accessories does not recommend any particular wheel and tire combinations for use with its body lifts and can not assume responsibility for the customers choice of wheels and tires. Your owner's manual can be referenced 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.

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## E. Bill of Materials.

Kit# PA702 2" Parts List		
Quanity	Description	
14	2" big block	
1	bottle of Loctite	
1	driver side warning label	
1	logo sticker	
1	Bolt Pack	
	2	7/16" x 5 1/2" bolts
	4	7/16" x 6" bolts
	2	1/2" x 5" bolts
	4	1/2" x 6" bolts
	2	1/2" x 7" bolts
	6	7/16" USS washers
	16	1/2" USS washers
	8	1/2" nylock nuts
	1	linkage extension

### Kit# PA712 2" Parts List

Quanity	Description	1	
14	2" big block	(S	
1	6ml bottle o		
1	driver side	driver side warning sticker	
1	logo sticker		
1	Bolt Pack		
	2	7/16" x 5" bolts	
	2	7/16" x 6" bolts	
	2	7/16" x 8" bolts	
	8	1/2" x 6" bolts	
	6	7/16" USS washers	
	16	1/2" USS washers	
	8	1/2" nylock nuts	
	1	linkage extension	

# Kit# PA762 2" Parts List

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Quanity 14 1 1 <b>1</b> <b>1</b>	Description 2" big block 6ml bottle o driver side logo sticker <b>Bolt Pack</b> 2 2 2 2 4 4 6 16 2 8 2 1 1	s f Loctite warning sticker

### Kit# PA703 3" Parts List

Quanity 14 1 1 1	Description 3" big blocks bottle of Loctite driver side warning label logo sticker	
•	Bolt Pack 2 4 2 4 2 6 16 8 1	7/16" x 6 1/2" bolts 7/16" x 7" bolts 1/2" x 6" bolts 1/2" x 7" bolts 1/2" x 8" bolts 7/16" USS washers 1/2" USS washers 1/2" nylock nuts linkage extension

### Kit# PA713 3" Parts List

Quanity 14 1 1 1	Description 3" big block 6ml bottle o driver side v logo sticker	
1	Bolt Pack	
	2	7/16" x 6" bolts
	2	7/16" x 7" bolts
	2	7/16" x 9" bolts
	8	1/2" x 7" bolts
	6	7/16" USS washers
	16	1/2" USS washers
	8	1/2" nylock nuts
	1	linkage extension

# Kit# PA763 3" Parts List

Quanity 14 1 1 1 1	Description 3" big blocks 6ml bottle of Loctite driver side warning sticker logo sticker <b>Bolt Pack</b>	
	2	5/16" x 1" bolts
	2	7/16" x 6 1/2" bolts
	2	7/16" x 9" bolts
	2	1/2" x 6" bolts
	4	1/2" x 6 1/2" bolts
	4	1/2" x 7" bolts
	4	5/16" USS washer
	6	7/16" USS washer
	16	1/2" USS washer
	2	5/6" nylock nuts
	8	1/2" nylock nuts
	2	180mm bolts
	1	linkage extension
	1	parking brake bracket

# Kit# PA732 2" Parts List

Quanity	Description	
10	2" big block	S
1	bottle of Loctite	
1	driver side warning label	
1	logo sticker	
1	Bolt Pack	
	2	7/16" x 5 1/2" bolts
	6	7/16" x 6" bolts
	2	7/16" x 8" bolts
	1	3/8" x 2" shift extension
	10	7/16" USS washers

### Kit# PA772 2" Parts List

Quanity 8	Description 2" big block	
1	6ml bottle o	
1	driver side warning sticker	
1	logo sticker	
1	Bolt Pack	
	2	3/8" x 4 1/2" bolts
	2	3/8" x 5" bolts
	2	3/8" x 6" bolts
	2	3/8" x 7" bolts
	16	3/8" USS washers
	1	3/8" x 2" linkage extension

### Kit# PA733 3" Parts List

Quanity 10 1	Description 3" big block bottle of Lo	ctite
1	ariver side	warning label
1	logo sticker	-
1	Bolt Pack	
	2	7/16" x 6 1/2" bolts
	6	7/16" x 7" bolts
	2	7/16" x 9" bolts
	1	3/8" x 3" shift extension
	10	7/16" USS washers

### Kit# PA773 3" Parts List

Quanity 8 1 1 1 <b>1</b> <b>1</b>	Description 3" big blocks 6ml bottle o driver side v logo sticker <b>Bolt Pack</b> 2 2 2 2 2 16	
	1	3/8" x 2" linkage extension