

Installation instructions for Pantera Rear Deck Lid Lift Support Kit



WARNING

Modification of your vehicle with the parts identified above may alter its stock performance; the buyer hereby expressly assumes all risks associated with any such modification.

DISCLAIMER OF WARRANTY

Seller disclaims any warranty express or implied with respect to the parts sold hereby whether as to merchantability, fitness for particular purpose, or any other matter. IPS assumes no liability expressed or implied for the improper installation or use of this product or its components. IPS is NOT responsible for any damage, consequential or otherwise for equipment failure after installation

CAUTION

Contents Under Pressure. DO NOT PUNCTURE OR HEAT. Most units cannot be compressed by hand. STRONG ARM GAS CHARGED LIFT SUPPORTS ARE DESIGNED TO BE USED EXCLUSIVELY FOR PURPOSES SPECIFIED.

Steps to install Deck lid Supports

Lower support bracket installation (Car Body Mounting Bracket)

- 1) Remove trunk liner

Note: Do not remove stock lift supports until after all new lift support mounts and shock have been installed

- 2) Identify the corners where the lower lift support brackets will be mounted. The brackets will be installed as far into the corner as possible, and are marked on the back with DF (Driver Side Front) and PF Passenger Side Front).

Note: On the driver side there is a engine information plate which may need to be move down to allow the mount to set where it needs to be. If you need to move this plate, drill out the two rivets using a 1/8" drill and reinstall plate after the lift support mount has been installed.



- 3) Place a 6" piece of masking tape beginning at the corner paralleling the trunk weather-strip towards the front of the car approximately 1/2" down from the body crease.
- 4) Measure from the back of the car 39" and place a mark on the masking tape. This is the location of the first hole. Using the supplied mount drill template, mark the pilot hole and (3) boltholes on the masking tape using a punch to transfer the hole locations to drill. You may want to just tape the template in place and drill through the template. Make sure you center punch each hole location so the drill will not walk when you start to drill the pattern.



- 5) Drill (3) 5/16" holes and (1) 5/32" as marked on the template.

- 6) Scrape off the undercoating in the wheel well so that the nut plate bracket will lay secure against the sheet metal. (It is best to remove the rear wheels for access).



- 7) Install the small 6-32 screw through the sheet metal into the nut plate bracket (Do not tighten yet). Start the (3) 1/4-20 screws to make sure the holes line up, and then tighten the small 6-32 screw. Remove the (3) 1/4-20 screws and install the lift support mount plate and reinstall the 1/4-20 screws through the bracket into the nut plate.



Upper support bracket installation (Deck Lid Mounting Bracket)

- 8) Place a 6" strip of masking tape beginning 24" from the back of the trunk lid on the inside edge. Measure from the rear of the deck lid 25" toward the front of the car and mark the first hole. Using the template mark the pilot hole and (3) boltholes on the masking tape.



- 9) Drill (3) 5/16" holes and (1) 5/32" holes using supplied drill stop. **Important – Use the supplied drill stop to prevent the bit from damaging the outer surface of the trunk lid. Set Drill stop no more than 1/4" from tip of drill**



10) Attach the nut plate bracket to a stiff wire with masking tape so that the bracket will line up with the holes. When attaching the wire make sure that the wire is not going to be pinched between the sheet metal and bracket when screws are tighten. Push the bracket up with the wire until it lines up with the drilled holes.



11) Install the small 6-32 screw through the sheet metal into the nut plate bracket. Start the (3) ¼-20 screws to make sure the holes line up, and then tighten the small 6-32 screw. Remove the (3) ¼-20 screws and reinstall through the deck lid mount plate bracket. Pull the wire free and remove.



- 12) Brace the Deck Lid open using a 2x4 or pole capable of supporting the Deck Lid weight. Remove two factory shocks and install the lift support shocks by snapping the shock ends over the ball studs of the mounting brackets. The body of the shock connects to the deck lid bracket and the shaft connects to the car body bracket. Remove brace used to hold open the deck lid.



- 13) Reinstall trunk liner and trim the trunk liner where the shock support comes in contact when the deck lid is closed. Use tin snips. Leave the weather strip long and form it into the hole.



- 14) Spray the area in the wheel well with undercoating to re-establish the protection to the exposed sheet metal

Passenger Side Front Mount (PF)

Driver Side Front Mount (DF)

Driver Side Deck Lid Mount (DR)

Passenger Side Deck lid Mount (PR)