



**Rampage Products Rear Tailgate Gas Strut Assist Kit  
For Jeep JK 2Dr and 4Dr 07-**

**PARTS LIST**

- 1 x Gas strut
- 1 x Small bracket
- 1 x Large bracket
- 7 x 1/2" Tec screw
- 1 x 10mm ball mount
- 2 x HD steel ball ends

**TOOLS REQUIRED:**

- 5/16" driver or socket and wrench
- 1/2 " socket and wrench
- 1/8" drill bit
- Drill body
- Tape measure
- Grease pencil / marker

**PROCEDURE:**

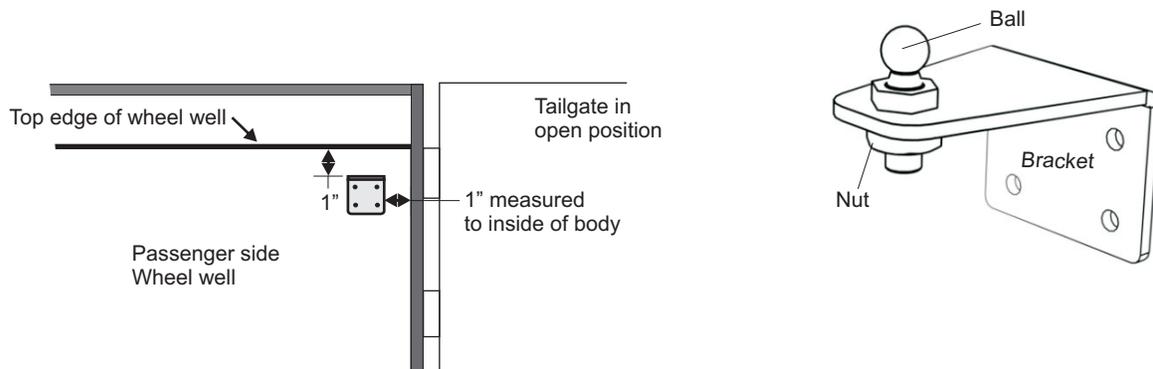
**REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY.**

**NOTE: This product is designed in accordance with factory original equipment rear swing gate and tire carrier weight specifications. Please refer to the Jeep JK owners manual which states not to exceed 50 lbs (23 kg).**

**NOTE: Due to the clearance requirements of the strut, the rear door will not open to the stock stop position.**

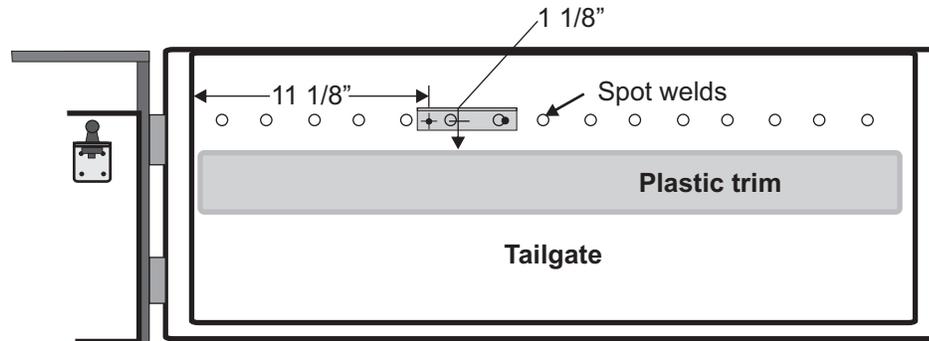
**Body Bracket Installation:**

- 1) Pull back the carpet from the top right corner of the passenger side rear wheel well to reveal the sheet metal.
- 2) Use the diagram below to measure off and mark the location of the large bracket on the side of the wheel well. Be sure to measure to the inside of the sheetmetal behind the taillight not to the edge of the door opening.
- 3) Position the large bracket in place on the marks made in the previous step. Be sure the bracket is level and square to the top of the wheel well. Mark one of the hole locations using the bracket as a guide.
- 4) Now drill a pilot hole for the first screw. NOTE: the Tec Screws provided are intended to be self drilling, but due to the thickness of the sheet-metal where they are to be installed it is recommended to pre-drill a pilot hole.
- 5) Install the bracket with the Tek Screw into the pre-drilled hole from the previous step. Now, using the bracket as a guide, drill the rest of the required holes and install the remaining Tek Screws.
- 6) Install the 10mm ball onto the bracket as shown in the illustration below.



### Tailgate Bracket Installation

- 7) Measure out the specified distance on the tailgate along the spot welded seam inside the tailgate door. Pre-drill the first hole for the small bracket at that point. Now install the bracket onto the door with a Tek Screw.
- 8) Square the bracket to the seam and use it as a pattern to drill the remaining hole. Install the remaining Tek Screw.



### Strut Installation

- 9) Locate the shock strut and the two nylon ends. Install onto the strut by screwing them on. Be sure they are tight but do not over tighten as the threads can be stripped inside the ends.
  - 10) Install the strut to the large bracket by snapping in place on the ball. Move the tailgate to the open position and snap the strut to the small bracket.
- NOTE: The strut can be removed by slipping the end of a blade screw driver under the steel spring on the nylon end and prying up, do not pry up to far or the spring could come out. Once it is pried up it will release the strut from the ball.

**NOTE: a heavy duty steel ball end set is included if the strut is to be used with tires other than stock.**



For Technical Support, please call (951) 277-4949  
This product is guaranteed to be free of defects in materials and workmanship for a period of 12 months  
Rampage Products 9225 Stellar Ct. #C, Corona Ca., 92883  
Made In China