

## 914 Rear Trunk Hinge Pivot Kit

1. *Do one side at a time. Keep the trunk lid in place so it can be used for proper placement of the hinge.*
2. *Disconnect the trunk hinge torsion bar. The 914 Haynes manual describes one method to do this, BE CAREFUL as the torsion bars pack a lot of energy.*
3. *Unbolt the trunk hinge arm from the trunk lid, remove the pivot bolt from the front of the arm, and remove the nut holding the strap to the arm (or remove the nut holding the strap to the body). The trunk hinge arm may now be removed from the car.*
4. *Drill out and/or grind off the spot welds that hold the trunk pivot mount to the engine compartment side wall. Remove the mount and clean and paint the area.*
5. *Install the new trunk pivot onto the trunk hinge arm (off the car). The head of the bolt should be toward the engine and the nut will be against the spherical bearing. At this point use one washer under the head of the bolt. Temporarily install the backing plate onto the hinge mount as shown in **Figure 1**. The nut will have a small amount to clearance from the plate when the bearing is held perpendicular to the plate, as installed in the car. Check to see that the bolt does not protrude through the nut and contact the backup plate. If it does, add the 2<sup>nd</sup> washer under the head of the bolt as shown about to be installed in **Figure 2**. Tighten the nut and bolt securely.*



Figure 1



Figure 2



Figure 3

6. *Remove the backing plate and set aside for now. Install the hinge assembly onto the trunk lid, centering the bolts in the slotted holes to give maximum future adjustability.*
7. *The new pivot will now be against the side wall. Carefully adjust the trunk for perfect fore/aft and vertical position. Rotate the new mount so that it lands in a flat area of the sidewall approximately like **Figure 3**.*
8. *Mark the hole placement through the threaded holes, remove the arm and mount, and drill the 4 holes. The bolts are 8mm, you can drill the holes oversize to allow for more adjustability.*
9. *Install the hinge arm and mount again, then jack up the car and let the rear tire hang down. Slide the backing plate with bolts into the wheel well. Undercoating and sealant may need to be removed to allow the plate to sit flush. Screw the bolts through the backing plate, through the sidewall, and into the hinge mount. Install all 4 bolts and tighten.*
10. *Reinstall the strap and torsion bars (metal rollers are recommended) or install an aftermarket trunk shock kit.*

This product comes with no warranties of any kind, including warranty of fitness for intended purpose. The user assumes all risk of property damage and/or personal injury arising from the use of this product. Any liability on the part of the manufacturer and/or seller of this product is expressly limited to replacement of the product.