

## BOOT LID SUPPORT KIT MGB

Part Number: BHH293GAS



### TOOLS REQUIRED:

7/16" wrench

3/8" wrench

Phillips head screwdriver

Small flat nosed screwdriver

3/8" ratchet

7/16" deep socket 3/8" drive

Power drill

Small drill bit for pilot holes

13/64" drill bit

1/8" drill bit

Drill stop collar for 1/8" bit or substitute (tape, tubing or wood)

Centre punch

6" ruler

Cloth measuring tape

Painter's tape

Felt tipped pen

Prop for trunk lid (broomstick, wood etc)

Quality Parts and Accessories for



Triumph House, Sleaford Road, Bracebridge Heath, Lincoln LN4 2NA, England  
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## Fitting Instructions

1. Open the trunk and support it with a temporary trunk prop.
2. Use a 3/8" ratchet, 7/16" socket and 7/16" wrench to remove the original hood support. Set the hood support and its hardware aside, none of it will be used in the installation of the new trunk support kit. Refer to figure 2.
3. Install a ball stud facing the centre of the vehicle where the bottom of original trunk support was attached. Use an external tooth washer and nut to secure the ball stud with the same tools used to remove the original support. Refer to figure 3.
4. Locate the left trunk support bracket and install the ball stud, flat washer, external tooth lock washer and nut into the circular hole of the bracket. The ball stud should be mounted on the opposite side of the small bend in the bracket. Refer to figure 4.
5. Install the left support bracket where the original trunk support was located. Use the slotted hole to mount the support bracket with the included bolt, external tooth lock washer, and nut. The ball stud should face toward the centre of the vehicle, and the side of the bracket should run parallel to the original trunk support mount. Refer to figure 4.
6. Loosen the gas struts by compressing them a few inches outside of the vehicle. Secure one end of the and push until it compresses approximately two inches.
7. Snap the gas strut on the ball studs. A small flat nosed screwdriver may be needed to release the clip on the end of the strut. Remove the temporary hood prop. Refer to figure 7.
8. Ensure that all the hardware is tight and then open and close the trunk to verify the support is functioning correctly.

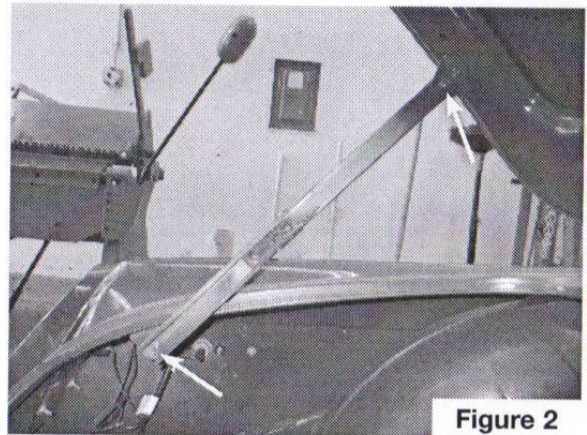


Figure 2



Figure 3



Figure 4

nut.

strut

clip

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## RIGHT SIDE GAS STRUT INSTALLATION

### Bottom Mount:

1. Remove the rubber seal from the bottom right section of the trunk.
2. Place a 6" piece of painters tape in the trunk channel starting from the body weld and extending toward the front of the trunk. Refer to figure 2.
3. Measure to find the centre of the channel. Each channel is typically  $\frac{3}{4}$ " wide, so the centre will be approximately  $\frac{3}{8}$ " across. Draw a straight vertical line through the centre of the channel with a felt tipped pen. Refer to figure 2.
4. Use a 6" ruler and cloth measuring tape to mark  $2\frac{3}{4}$ " in front of the body weld. In most cars the body weld on the right side will not be pronounced enough to measure directly from the top. Place the 6" ruler against the front end of the body weld on the bottom side of the channel. With the cloth measuring tape in the trunk channel, line the end of it up with the side of the ruler pushed against the body weld. Measure  $2\frac{3}{4}$ " and mark it on the centre line with a felt tipped pen. Refer to figure 4.
5. Use a centre punch where the centre line and  $2\frac{3}{4}$ " marks meet. See figure 4.
6. Measure and mark  $1\frac{1}{2}$ " forward from the point that was just centre punched on the centre line. Refer to figure 6.
7. Drill out the first centre punch with a small pilot drill bit, and then with the  $\frac{13}{64}$ " drill bit.
8. Drill out the second centre punch with the same drill bits, and then remove the painter's tape.
9. Mount the lower strut mount using two machine screws and two external tooth locking nuts. Use a Phillips screwdriver to tighten the machine screws and hold the locking nuts with  $\frac{3}{8}$ " wrench. Refer to figure 9.



Figure 2

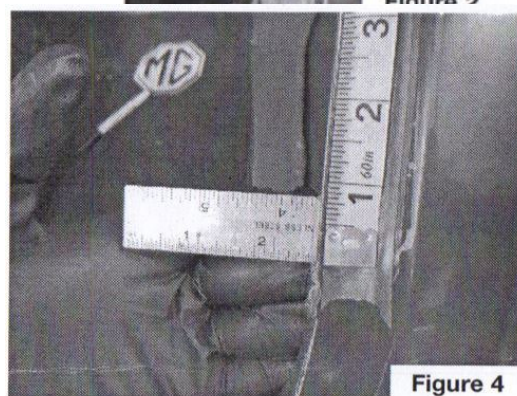


Figure 4

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10. Reinstall the seal on the bottom of the trunk.
11. Place painters tape directly below the hole located on the bottom right of the trunk lid.
12. Use a ruler and felt tipped pen to make a vertical line 1 3/8" from the right side of the trunk. Measure the 1 3/8" starting from the inside edge of the trunk. Refer to figure 12.
13. Verify that all the mounts and hardware are in the correct position on the left side trunk support. Measure the distance from the bottom of the hole to the centre of the end of the gas strut. Refer figure 13.
14. Install the remaining mount onto the right side lower mount and then push the unfastened upper mount into the other end.
15. Take the strut and place the holes for the top mount onto the line indicating 1 3/8" away from the right edge of the trunk. With the holes for the mount lined up with the line on the trunk, measure the distance from the hole on the right hand side of the trunk to the centre of the top of the gas strut. Move the strut and top mount until this measurement matches the position of the left side strut. Refer to figure 15.
16. Use the weight of the trunk to hold the strut and mount in place. Inspect the position of the strut and verify that its orientation matches the left strut.
17. Once the position of the right side strut is verified, mark the position of the bolt holes with a felt tipped pen. These marks should be on the vertical line made earlier.
18. Move the gas strut and top mount out of the way and use a centre punch on both marks.
19. Drill out the two centre punches using a stop collar and 1/8" drill bit. If a stop collar is not available, one can be made of wood, tubing, or electrical tape. Not using a stop collar will likely result in damage of the trunk lid.
20. Pull off the painter's tape from the bottom of the trunk.

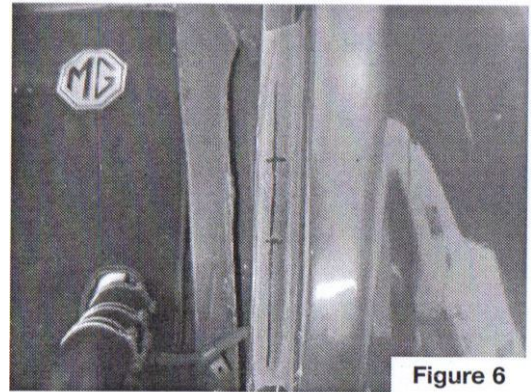


Figure 6

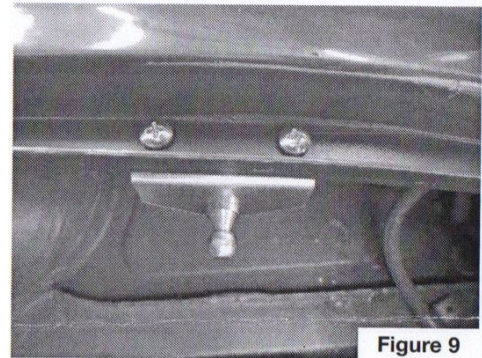


Figure 9

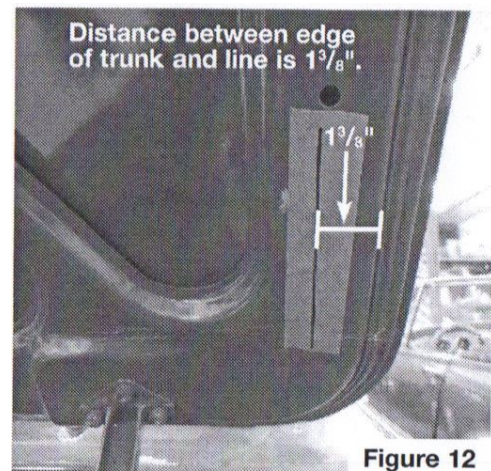


Figure 12

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21. Install the top mount bracket with the two included self-tapping screws. Refer to figure 21.

22. Open and close the trunk to verify that everything is functioning correctly.

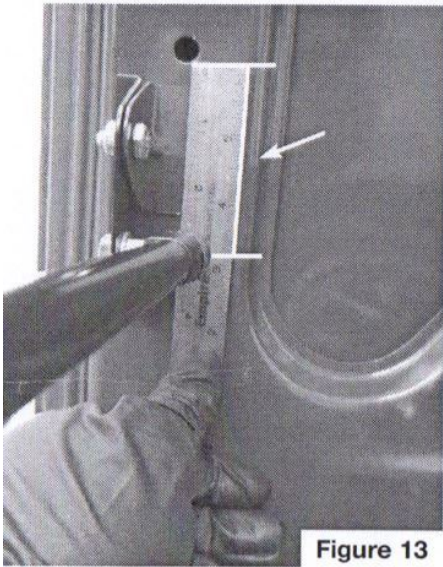


Figure 13

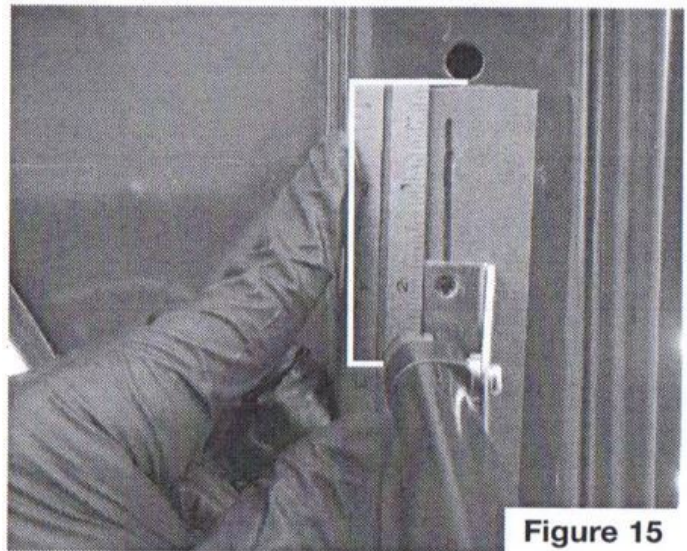
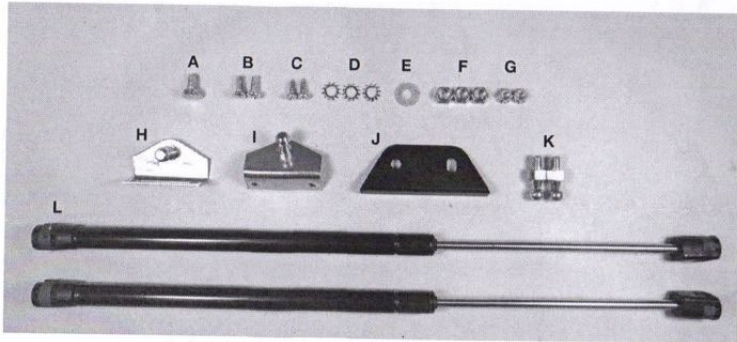


Figure 15



**What's included:**

- |                                  |                               |
|----------------------------------|-------------------------------|
| A. ¼" Bolt x1                    | G. External Tooth Lock Nut x2 |
| B. Machine Screw x2              | H. Top Mount x1               |
| C. Self-tapping Screw x2         | I. Bottom Mount x1            |
| D. External Tooth Lock Washer x3 | J. Strut Support Bracket x1   |
| E. Flat Washer x1                | K. Ball Stud x2               |
| F. ¼" Nut x3                     | L. Gas Strut x2               |

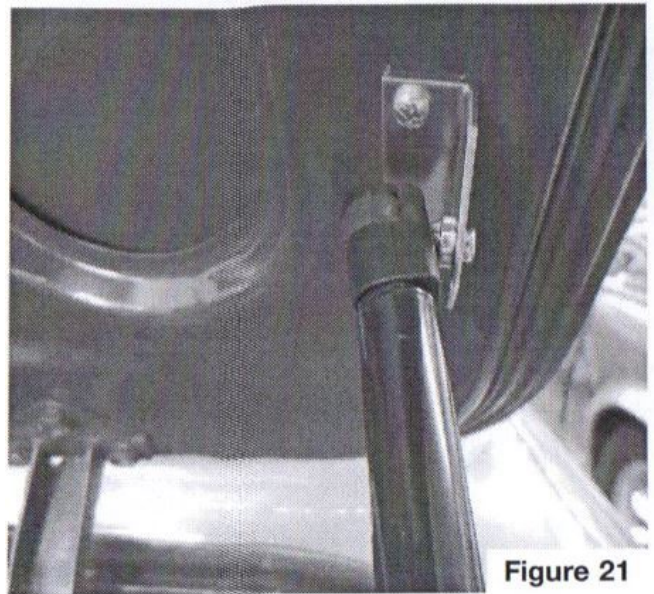


Figure 21

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