

## **Instructions for Ring Brothers Hinges 1965 thru 1970 Mustangs**

If you plan to disassemble the hinges before installation, for polishing or plating, you should know that all the bolts are Loctited when installed. This should be done again when the hinges are reassembled.

### **Packing List:**

- 2 – Hinge assemblies, one right and one left.
- 6 – 3/8" x 1-1/2" Buttonhead bolts for attaching hinge body to inner fender. There are two 3/8" washers, one for the rear bolt on each side.
- 4 – 5/16" x 1-1/4" Buttonhead bolts w/ washers for attaching hinge bracket to hood.
- 2 – Machined aluminum spacers. These are only used on and shipped for 1967-1970 models.

### **Tools needed:**

- 1/2" and 9/16" Socket, open end or box end for removing factory hinges.
- 3/16" and 7/32" Allen wrench for installing Buttonhead bolts.
- 11/32" and 3/8" Open end wrenches for hood adjustment height link.

## **Installation steps:**

1 – Remove hood.

2 – Remove factory hinges and try to hand tighten a buttonhead bolt where each hinge bolt was removed. If the threads are damaged or corroded re-tap them. The holes in the fender liners are 3/8"-16 tap, in the hood 5/16"-18.

3 – The machined aluminum spacers are for use on 1967 thru 1970 Mustangs and fit in slots on the back side of each hinge body. They should be very close to the correct thickness for factory hoods but may need to be reduced in thickness, or even shimmed with washers, to compensate for variations in hole locations on some aftermarket hoods.

This will have to be determined after the hinges, and possibly the hood, are installed so some disassembly and re-assembly may be required.

4 – Position each hinge on the correct side and attach the hinge body to the inner fender with the 3/8" x 1-1/4" buttonhead bolts. Use the two washers on the rear bolts. Before tightening the bolts completely move the hinge body up or down so the bolt is centered in the slot.

Note: The sloppiness in the hood brackets will be eliminated when the hood is attached.

5 - With the hinges in the lowered position measure between the fenders, across the hood brackets, and compare the spacing of the holes in the brackets to those in the hood. This may help in accurately positioning the hinges before the hood is bolted on.

6 – Each hinge has a “strong arm” that acts as the spring to hold the hood open. As shipped, only one end of the strong arm is attached to the hinge. Attach the free end after the hinges are installed, but before the hood is attached.

7 – Attach the hood to the hinges with the 3/8” x 1-1/4” buttonhead bolts. Slide the hood forward as far as possible before tightening the bolts. This will assure that the hood will not hit the cowl as it is lowered. Lower the hood **carefully**, watching the clearance front and back as well as both sides. Adjust the hood on the hinge brackets as needed for the correct clearance.

8 – Adjust the hood height. Once the hood closes completely, check the height of the hood at the rear corners. The hinges are shipped with the height adjustment in the lowest position so if the hood is too high lower the entire hinge on the inner fender. If the hood is too low raise it by adjusting the short link with rod end bearings. **Be aware that adjusting the height this way will also move the hood slightly forward so the hood may have to be repositioned on the hinge brackets.** Tighten the jam nuts when the adjustment is complete.

Please e-mail questions through the Hinge page at:

[www.ringbrothers.com](http://www.ringbrothers.com)

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