



R I N G B R O T H E R S

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## 1181-1182 Billet Hood Hinge Kit Installation Instructions

Thank you for purchasing your set of billet hinges from Ringbrothers - the innovators of the billet hinges. What you have purchased is an original and not a copy.

If you plan to disassemble the hinges before installation for polishing or plating you should know that all the bolts are assembled with blue Loctite. This should be done again when hinges are reassembled. **\*\*Note this will void the warranty.**

Also, note when disassembling the hinges, that there are two small washers to provide clearance for the pivot bearings on the forward support arms. Make sure that they are replaced when the hinges are reassembled.

### Packing List:

- 1 – Right hinge assembly
- 1 – Left hinge assembly
- 4 – 3/8" x 1" button head bolts with washers for attaching hinge body to inner fender
- 4 – 3/8" x 1-1/4" button head bolts with washers for attaching hinge bracket to hood
- 2 – 5/16-18" x 3/8" Stainless Steel Flat Head Hex Screw to hold inner fender together
- 2 – Gas springs

**CAUTION:** Make sure ALL bolts are not too long for your application.

### Tools Needed:

- 9/16" Socket, open end or box end for removing factory hinges
- 7/32" Allen wrench for installing 3/8" button head bolts

### Installation Steps

1. Remove hood.
2. Remove factory hinges and try to hand tighten a button head bolt where each hinge bolt was removed. If the threads are damaged or corroded re-tap them with a 3/8"-16 tap.
3. Position each hinge on the correct side and attach the hinge body to the inner fender with the 3/8" x 1" button head bolts. Before tightening the bolts completely, move the hinge body up or down so the bolt is centered in the slot.
4. Each hinge has a gas spring to hold the hood open.  
**NOTE:** When installing the gas spring the barrel end of the spring should always be above the rod to keep the lubrication on the rod and not ruin the spring. The spring should be installed after the hinge is mounted to the fender but before the hood is installed

