

Instructions for Ring Brothers 1964 to 1970 Mustang Hood Pin Kit

Parts List: 2 – Hood retaining pins (custom bases are available)
 2 – Ball lock pins
 2 – Top nuts (with holes around perimeter)
 1 – Spanner wrench for top nuts
 2 – Bottom nuts (with flat sides)
 2 – Hood pin plates (either round or tear drop shape)
 1 – Roll of 3M double sided tape

Tools needed: 1/8” Drill bit
 Unibit
 1-1/4” Hole saw
 Razor blade or utility knife.

Step 1 – Check hood alignment and gaps and reposition the hood if needed..
Raise the hood.

Step 2 – Remove the two rubber bump stops that support the front of the hood. They are attached to brackets on the front of the radiator support, one on each side, of the radiator opening. Removing them will reveal 7/16” holes in the brackets.

Step 3 – Enlarge the 7/16” holes, in the bump stop brackets, to 13/16”. We recommend using a Unibit to avoid the hassle of gradually increasing the size of the hole by using a series of regular drills. Be aware that a 13/16’ hole will come very close to the front edge of the bracket. Try to avoid breaking through the edge, but if you do the hood pin nuts will cover the opening.

Step 4 – Install the hood pins in the bump stop brackets. Thread a top nut **all the way** onto each hood pin. Hold one of the bottom nuts inside one of the brackets (the flat sides will keep it from turning) and hand tighten the hood pin into it. Repeat for the other hood pin.

Make sure that both pins do not lean forward or back, or to either side, and that the hood pins are the same distance from each side of the hood opening, as this will determine where the pins come through the hood. **Also check that when the hood is lowered the hood pins hit the hood in the center of the bump stop location.** The brackets are flexible enough to be bent as needed. We have never seen a bracket that was not usable but if the car has been repaired it could be possible.

Step 5 - Drill holes for the hood pins in the inner hood panel. Place a small dab of grease on the top of each hood pin. This will be to locate the centers of the holes

in the hood so use white grease on a dark colored car or regular grease on a light colored car. Lower the hood until it touches the tops of the hood pins. Raise the hood and examine the inner panel where the pins have made contact. You should be able to identify, from the grease spots, where to drill the holes for the hood pins. If there is any question about their location repeat the process.

Drill a 1/8" hole for each hood pin in the inner panel. **Do not drill through the top panel.** Use these holes as centering holes to drill through **the inner panel** with the 1-1/4" hole saw.

Step 6 - Drill holes in the outer surface of the hood. Place grease on both hood pins as in the previous step to mark where the hood pins contact the inside of the outer hood panel. Again drill 1/8" holes, from the bottom, and then close the hood. Enlarge the holes by drilling **down** with the 1-1/4" hole saw. This will minimize damage to the hood paint.

Step 7 – Check the alignment of the hood pins in the hood holes. Lower the hood and check that both pins are centered in the hood holes. They can be adjusted, as in Step 4, by bending the brackets..

Step 8 – Install the hood pin plates. Note that the plates will be attached with tape, so if the hood has been recently waxed you may want to remove the wax around the hood pins so the tape will stick. Tape the recessed bottom surface of each hood pin plate. Cover the entire surface so the tape laps over the sides and then trim the tape inside the recess flange and around the center hole. Close the hood and remove the protective plastic from the double sided tape. Center each plate on the hood pin and lower it to contact the hood. Press them into place.

Step 9 – Adjust the height of the hood pins. With the hood lowered, examine the hood pins to see if they need to be adjusted up or down for the lock pins to fit correctly. If either hood pin is too low for the locking pin to be inserted adjust it up and install the pin. Look at the space between the lock pin and adjust the hood pin height as needed. If there is no grill in the car this can done with the hood lowered. If not the hood may have to be raised and lowered and the hood pins adjusted several times to get the hood pins at the correct height. When they are correct, tighten the hood pin nuts.

Thank you for purchasing this Ring Brothers hood pin kit. Check for more Ring Brothers accessories at www.ringbrothers.com.