



RINGBROTHERS

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99000-5501 Universal Billet Hood Pin Kit Installation Instructions

Packing List:

- 2 – Hood retaining pins
- 2 – Ball lock pins
- 2 – Top nuts (with holes around perimeter)
- 1 – Spanner wrench for top nuts
- 2 – Base plates (with three countersunk holes)
- 6 – 1" Long #10 Phillips head screws
- 2 – Hood pin plates
- 2 – Double-sided tape discs

Tools needed:

- 1/8" Drill bit
- 1-1/4" Hole saw
- Phillips screw driver.

1. Check hood alignment and gaps and reposition the hood if needed.. Raise the hood.
 2. Find placement to attach round base. They may be able to attach to the top of the radiator support, above the headlights.
 3. Install the Hood pin base plates. Mark the locations of the three countersunk holes in each plate and drill 1/8" holes. Thread a top nut all the way onto each hood pin and hand tighten the hood pins all the way into the base plates. Reposition the base plates and install them with the #10 Phillips head screws.
 4. Drill holes for the hood pins in the inner hood panel. Place a small dab of grease on the top of each hood pin. Lower the hood until the grease touches the underside of the hood. Raise the hood. From the grease marks measure 1/4" towards the back of the hood, towards the windshield, and mark a spot to drill your holes. The holes should be drilled approximately where the original hood bumpers rested. 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.
 5. 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 directly through your grease marks from the bottom and then close the hood. (DO NOT measure 1/4" back as you did in step 5) Enlarge the holes by drilling down with the 1-1/4" hole saw. This will minimize damage to the hood paint.
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6. 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.
7. Adjust the height of the hood pins. The hood pins should be the correct height with three threads exposed above the base plate. Adjust them to that height and then, 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 be 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.

Any questions please call 608-588-7399

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