

Installation Instructions for JEGS Z28 Cowl Scoops

Overview:

When installing your JEGS fiberglass scoop to your hood, the scoop will be installed from the underside (inside) of the hood. Cowl scoops may also require some trimming to clear windshield wipers. If you are not sure how to position the scoop, peruse car magazines, car shows and even the race track to see what allowances others may have used to achieve the fitment and look that is desirable to you.

Installing the JEGS Scoop to a Fiberglass Hood

Materials and Tools required for installation:

Coarse (36 grit) sandpaper, duct tape, fiberglass repair kit w/polyester resin and 2 oz. mat, grease/wax remover, premium body filler, rotary cutting tool or jigsaw with a fine blade, rubber gloves (for working with fiberglass resin), marking pen and a 3" paint brush.

- 1) Completely wipe down all of the gel coated surfaces of the hood scoop and hood or any painted surfaces of the existing hood with grease/wax remover.
- 2) You will need to remove the flange from the scoop, preferably with a rotary cutting tool. If a rotary cutting tool is not available, you may use a jigsaw with a fine cutting blade. The scoop has a generous flange for added strength during shipping and for application to a steel hood. Do not, at this time, remove any height from the scoop just the flange. See Figure 1.
- 3) With the hood in place on the vehicle set the scoop in the desired position. Be sure to take plenty of time to determine exactly how you want the scoop to look. Check clearances for air cleaners, carburetors, windshield wipers etc. If you are attaching the scoop to a bolt on hood, duct tape the scoop in place and double check your placement by raising and lowering the hood. If major alterations to the scoop are required for clearance, use the rotary cutter or jigsaw. Be careful not to remove too much material and do the final shaping by hand and with sandpaper. Remember that you want a nice, snug fit to the hood for the easiest installation and best results.
- 4) Measure twice, cut once. Make sure the placement is exact before proceeding to step 5.
- 5) With the scoop located and held exactly in place with duct tape, mark a line around the scoop. It is extremely important to get a perfect outline before cutting the hood. Remove the hood scoop from the hood. In the installation of a cowl scoop, it is necessary to leave approximately 3" of material across the back edge of the hood to keep the shape of the hood intact. Incorporate the back edge into the marked line prior to cutting the hood. Prepare to cut the hood just to the inside of your outline. See figure 2.
- 6) Cut the hood.
- 7) Position the scoop into the hole in the hood. Make any adjustments by hand and with sandpaper. Be sure to rough the back side of the hood and the hood scoop where the two surfaces meet in order to provide a good bond of materials. Attach the scoop to the hood utilizing duct tape and small gobs of body filler to the top side of the hood and scoop. The body filler holds the two pieces firmly in place much better than the tape alone and will release from the gel coated surfaces easily later on.
- 8) Carefully place the hood upside down in such a way that fully supports the hood and scoop. Put on your rubber gloves and prepare to begin the resin part of the operation. Always work in a well ventilated area. Lay out the mat in 2" and 3" wide strips and mix the resin according to the kit instructions. Use your paint brush to pre wet the 2" mat only (on a piece of cardboard) and also brush a thin coat of resin on the seam of the hood and scoop. Place the 2" pre-wetted strips of mat onto the seam. See Figure 3. Use the brush to smooth out any air pockets and/or excess resin. Allow the materials to dry and cure for a minimum of 24 hours before proceeding to the next portion of this step. Apply the 3" strips (overlapping the 2" strips) in the same manner as above for extra strength and rigidity. Allow the materials to dry and cure for a minimum of 24 hours before attempting to move or finish.
- 9) Turn the hood over. Remove the body tape and filler. Using standard industry auto body procedures, finish blending the scoop to the hood with premium body filler. Be sure to incorporate all of the manufacturers instructions for the primer and paint system that you intend to use.

Installing the JEGS Scoop to a Steel Hood

Materials and Tools required for installation:

Coarse (36 grit) sandpaper, duct tape, grease/wax remover, premium body filler, rotary cutting tool or jigsaw with a fine blade, marking pen and Lord-Fusor Products epoxy or an equivalent 2 part epoxy.



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- 1) Completely wipe down all of the gel coated surfaces of the hood scoop and the painted surface of the existing hood with grease/wax remover.
- 2) Do not remove the flange from the scoop. The scoop has a generous flange for added strength during shipping and for application to a steel hood.
- 3) With the hood in place on the vehicle set the scoop in the desired position. Be sure to take plenty of time to determine exactly how you want the scoop to look. Check clearances for air cleaners, carburetors, windshield wipers etc. If you are attaching the scoop to a bolt on hood, duct tape the scoop in place and double check your placement by raising and lowering the hood. If major alterations to the scoop are required for clearance, use the rotary cutter or jigsaw. Be careful not to remove too much material and do the final shaping by hand and with sandpaper. Remember that you want a nice, snug fit for the easiest installation and best results.
- 4) With the scoop located and held exactly in place with duct tape, mark a line around the scoop. Measure the width of the flange around the scoop and transfer this dimension to the inside of the line already marked on the hood and re-mark the hood. Remember that you want to remove the minimum of material from the hood for a snug fit of the scoop to hood. In the installation of a cowl scoop, it is necessary to leave approximately 3" of material across the back edge of the hood to keep the shape of the hood intact. Incorporate the back edge into the marked line prior to cutting the hood. Prepare to cut the hood just to the inside of your final outline. See figure 2.
- 5) Measure twice, cut once. Make sure the outline is exact before proceeding to step 6.
- 6) Cut the hood.
- 7) Position the scoop into the hole in the hood. Make any adjustments by hand and with sandpaper. Be sure to rough the back side of the hood and the hood scoop flange where the two surfaces meet in order to provide a good bonding of the materials.
- 8) Carefully place the hood upside down in such a way that fully supports the hood. Attach the scoop utilizing Lord-Fusor Products epoxy or an equivalent 2 part epoxy that is intended to bond fiberglass to steel. You may want to use screws to hold the scoop in place while the epoxy begins to set up. Remove the screws prior to full curing of the epoxy. Allow the epoxy to cure for a minimum of 24 hours before attempting to move or finish.
- 9) Turn the hood over. Using standard industry auto body procedures, finish blending the scoop to the hood with premium body filler. Be sure to incorporate all of the manufacturers instructions for the primer and paint system that you intend to use.

FIGURE 1

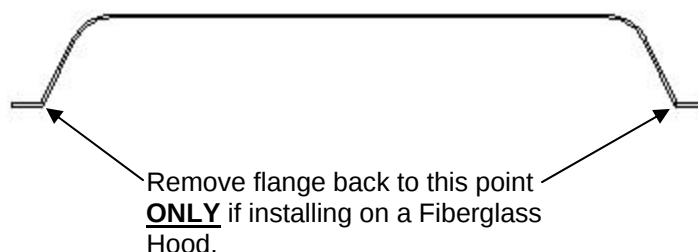


FIGURE 2

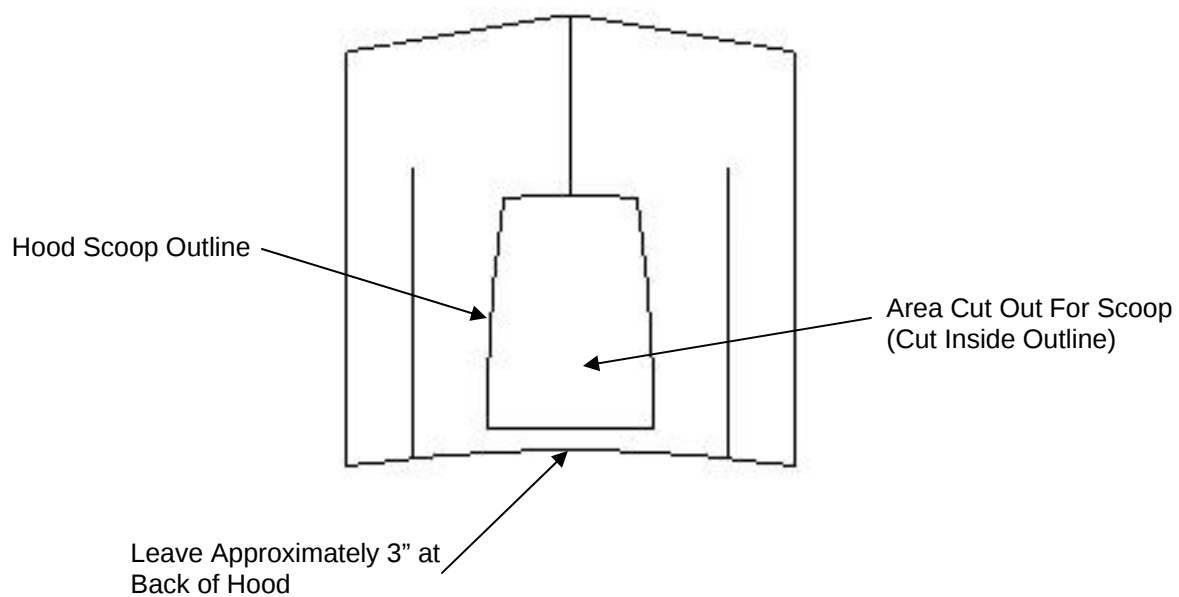


FIGURE 3

