



## EVO-1148AL/EVO-1149AL

### EVO Hood Breach



#### Bill of Materials

EVO-1148AL EVO Hood Breach Single Sprayer		
Part number	Description	Quantity
EVO-12135AL	EVO Hood Breach Single Sprayer	1
EVO-12136AL	EVO Hood Breach Overlay Single Sprayer	1
EVO- 770057	EVO Hood Breach Hardware Pack	1
EVO-1149AL EVO Hood Breach Dual Sprayer		
Part number	Description	Quantity
EVO-12135AL	EVO Hood Breach Dual Sprayer	1
EVO-12136AL	EVO Hood Breach Overlay Dual Sprayer	1
EVO- 770057	EVO Hood Breach Hardware Pack	1

**Note: This product requires drilling and cutting of painted body sheet metal. When cutting the openings below the hood Breach to allow better ventilation to the engine compartment and potential heat reduction, openings are created where water and debris can enter. Additionally, fitting the flat Hood Breach to the curved hood can cause slight lifting**

**between bolts. If you are not comfortable with any of the above, do not proceed with install.**

**Note: While not required, colored duct tape can be applied to the hood below the "EVO" logo before final install to create a 2 toned effect if desired.**

**Note: It is recommended to remove the hood for this install**

1. On the underside of the hood, unplug the hoses connected to the windshield sprayers.
2. Remove the foam padding from the underside of the hood by pulling the clips holding it in place loose (shown below). Replace hoses from Step 1



3. Remove the footman loop in the center and the 2 rubber bumpers on your hood. Squeeze the underside of the bumpers together with pliers to remove them.
4. Place the Overlay (the part without slots) over the hood. Loosely bolt the footman loop back on. Do no tighten at this time. Put the bumpers back on and align the Overlay with your hood. When you are happy with the placement, tighten the bolts of the footman loop.

5. **ONLY IF YOU ARE HAPPY WITH THE PLACEMENT**, MAKE SURE THE OVERLAY IS FLUSH WITH THE HOOD AND DOES NOT MOVE. Mark each of the 22 holes around the Overlay to drill.



6. (OPTIONAL) Only if you are planning to cut openings into your hood, mark the openings following the outline of the Overlay.
7. Remove the Overlay by removing the footman loop and rubber stoppers.
8. Again, **ONLY IF YOU ARE HAPPY WITH THE PLACEMENT**, and you have **CHECKED YOUR MARKINGS FOR ACCURACY**, center-punch the marks and drill the holes out using a 9/32" drill bit.

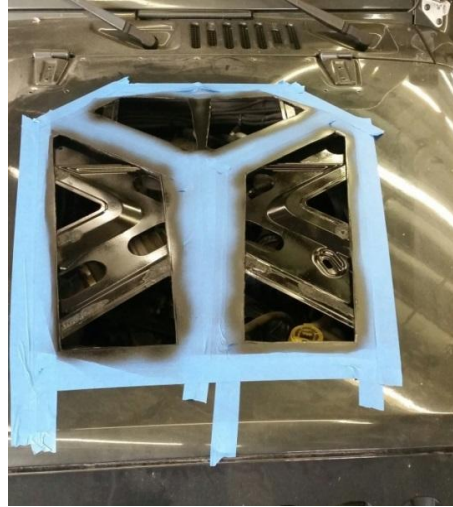


**Steps 7-11 are optional. If you do not plan to cut openings, skip to step 12**

9. (OPTIONAL) WEARING SAFETY GLASSES Cut the openings out carefully following your marks. You will want to cut just outside the marks, as shown, so the hood doesn't show through. A cut-off wheel or similar tool is recommended. When cutting, be careful not to cut through the substructure, this will damage your hood. ONLY CUT THROUGH THE TOP SURFACE SHEETMETAL, DO NOT CUT UNDERSIDE SUBSTRUCTURE.



- 10.(OPTIONAL) The hood is attached to the substructure with foam adhesive. A gentle pull will separate the cutouts from the substructure.
- 11.(OPTIONAL) Sand the rough edges left by the cutoff wheel and scrape off residue from the foam adhesive.
- 12.(OPTIONAL) Paint the exposed edges. Start by taping off the hood with masking tape like shown, to prevent accidental overspray.
- 13.(OPTIONAL) Using paint that matches your body color, paint the exposed edges. Be sure to avoid getting paint on any part of your Jeep you don't want painted.



14. After allowing the paint to dry completely, put the Hood Breach and Overlay in place using the footman loop and rubber stoppers the same as before (Step2).

15. Secure the Hood Breach with Overlay on top using the supplied ¼" cap screws and locknuts, a 5/32" hex wrench and a 7/16" wrench. Start at the windshield and work toward the bumper, alternating sides as you tighten the screws.

16. 2 of the screws are longer than the rest, these are for the holes marked below.

17. You will also have to drill 2 larger relief holes into the substructure to allow the locknuts to fit. These are on the passenger side and are marked below. These should be drilled with a 5/8" bit. **Don't go through the hood. Only enlarge the hole in the underside substructure.**

