

Instructions for installing Rally Roof Scoop and/or Vent

Hardware: qty = 4 of each: M6 x1.0 Button Head SS 12mm; Fender Washer 3/16" zinc; Acorn Nut, chrome M10x1.0; Flat Washer 1/4" USS, zinc; instruction sheet

Vent:

- 1) Remove headliner (most installations are into RALLY or RACE cars with no headliner)
- 2) Determine best placement, depending upon car model/type, any roof structures, and proper positioning WITH a scoop overhead (if any).
- 3) Make hole in roof skin to match vent, remember the vent will be installed from the INSIDE of the car with raised vent portion sticking thru hole. Make hole using nibbler (best) or carefully with very fine tooth jigsaw.
- 4) Test fit and drill holes to either pop-rivet or bolt on the vent (we recommend small (M6 or M5 or M4) stainless steel button head cap screws or 3/16" aluminum rivets).
- 5) Use body sealant (silicone or putty) on flanged edge to seal vent when doing the final install. Run a bead on the top side where vent protrudes thru roof line. Or, for a finished look, use bondo on outside to achieve blend with roof and paint to match for professional install.

Scoop:

- 1) Be sure to position to best fit with ROOF LINE, usually about 1-2" back from edge of windshield, but also dependent upon VENT INSTALL if there is one. Center over vent with open vent fitting into tallest portion of scoop when open.
- 2) Use body molding tape, foam tape or camper sealer under edges of scoop to fill any gaps and to cushion fiberglass from the painted roof.
- 3) Drill a hole (total of 4) in each "corner" of the scoop from inside the car going thru roof skin and thru flanged edge of scoop (about 1" from the end). Best to have a helper hold the scoop down as you drill from below. Measure twice and drill once in proper place.
- 4) We recommend using M6x1.0 stainless steel button head bolts with a fender washer (bit bigger than normal) to hold down each corner. Use an allen wrench to reach in and hold bolt while helper carefully tightens the nut, lock washer and another fender washer against the roof skin from inside the car.
- 5) On final fitment, we recommend putting some clear silicone sealant around each bolt to prevent water from following the threads and dripping inside the car. A bolt in each corner will hold scoop on at high speeds. TAPE alone will not!

Alternate Method: not endorsed but possible.

- 1) This can be done when installing a SCOOP with no vent unit (i.e. for looks)
- 2) Remove the forward MAP LIGHT (most Subaru)
- 3) Drill 2 holes fairly close together above the maplight unit thru roof skin and thru the forward CROSS BAR of the Roof SCOOP. You will use 2 small bolts to hold crossbar in place and double backed body molding tape under each long edge of scoop. Remember to seal bolt threads with clear silicone upon final install and be sure roof and scoop have been cleaned with denatured alcohol for best adhesion.
- 4) Replace the maplight and you are done and scoop won't fly totally off...