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Instructions for #4998

Thanks for choosing the WH air dam tool tray! We hope you will understand that working on a 35 year old vehicle that was made in the 60s or 70s will come with challenges. Every effort has been made so you will have an easy, trouble free installation. This part was tested on multiple Broncos ranging from 1966-1977. That being said you should expect some modifications to be necessary. The following instructions cover what we have experienced during the development of this product but may not cover every possible scenario.

First thing to consider is whether or not you are going to use the center piece. If you plan to keep the stock hood latching mechanism, you will not be using the center piece. If you are running some type of hood pins, then we would expect you to use the center piece for a cleaner more finished look; but that is totally up to you.

PUT ON YOUR SAFETY GLASSES!

If using the center piece start here.

1. Remove the stock hood latch, spring and pin assembly from the hood if it's not already gone.
2. Remove the hood latch support from the grille if it's not already gone.
If these first two items are not already removed, we expect you will be installing hood pins at the same time as the air dam tool tray. If this is the case, we would recommend you install the hood pins first before moving onto the air dam. Once these things are finished we can move on to installing the right and left tray.
3. If you still have the hood hold up rod, it is possible to use it by installing it from the engine side of the core support. You will need to twist the rod 180 degrees in order to utilize the end that goes to the hood. We recommend just going to our Shox N The Hood kit if you have not done so already. It will need to be removed from the front of the core support either way in order to continue with installation of the air dam.

NOTE: If your Bronco has grill trim molding, you will need to make clearance around the grill trim molding retainers because they will not allow the air dam to sit properly against the grille.

WITH GRILLE TRIM MOULDING go to next step. **WITHOUT** molding, go to step 5.

4. Position the right and left air dam in the opening between the core support and grille. The parts can move a little right to left. We like to have the far sides by the fenders lined up with the grille and fender sheet metal. There will be a slight gap between the air dam and grille to core support brace. Mark the air dam where you will need clearance for the grille molding retainers. There are a number of ways to make clearance on the part: grinder, ban saw, notcher etc. Make necessary clearance and move to step 5.

5. Position the right and left air dam in the opening between the core support and grille. The parts can move a little right to left. We like to have the far sides by the fenders lined up with the grille and fender sheet metal. Measure approximately 4" from the fender and mark the spot to drill. This area should only have one layer of sheet metal under the air dam.

6. Drill air dam and core support at the same time. **NOTE:** stainless can be hard to drill; be patient and don't push too hard on the bit. If it's possible, put your drill bit in so only 1/2" is sticking out of the drill; this will help stabilize the bit and there will be less chance of breakage. Drill holes and install sheet metal screws.

7. If you are **NOT** going to install the center piece, drill two more holes (one on the right piece and one on the left piece) about 1/2" from the inside of the air dam. Install steel metal screws. Remove protective material from air dam and admire your work. Move to step 8 if you are going to use the center piece.

8. You can expect slight modification (grinding small amount of metal for clearance) of the grill to core support sheet metal for proper installation of the center piece. This is so it will sit flat against the top of the core support. Once you have the center piece sitting flat and looking good on the core support, drill one hole on the right and one on the left about 1/2" from each end. The holes should go through the center piece, right or left piece and the core support. Attach center piece to the core support with sheet metal screws. Remove protective material from air dam and admire your work.

More notes: We like to keep the protective material on the parts until the end of the work. You will want to remove the installed sheet metal screws and then remove the material and reinstall the screws.

HAPPY TRAILS!