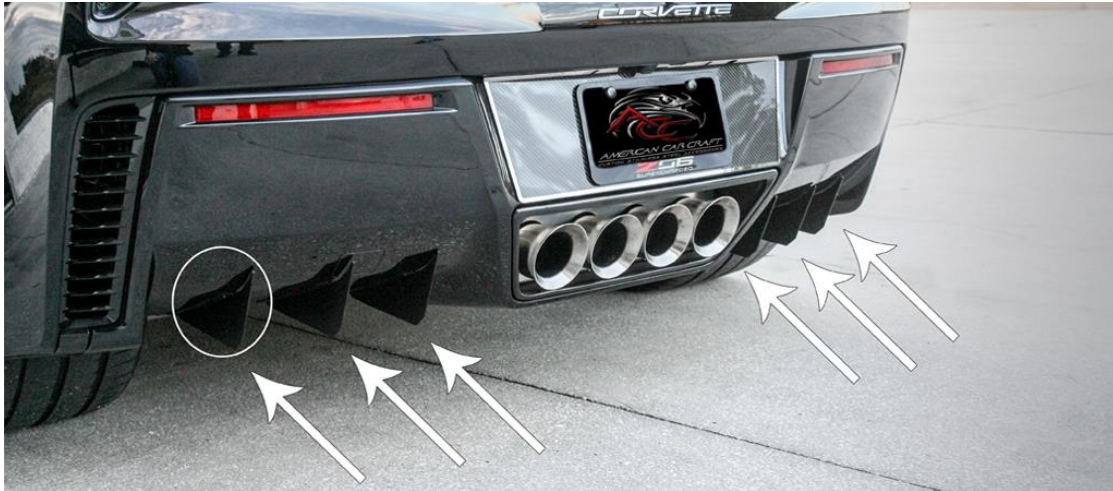




AMERICAN CAR CRAFT INSTRUCTIONS

2014-2016 Corvette C7 Real Carbon Fiber Rear Diffusers 6pc

Part #052099 Patent Pending



PARTS INCLUDED:

- 6- Stainless Steel/Carbon Fiber Self-Stick Air Foils
- 12- Small head 1/8" Aluminum Rivets
- 12- Small 1/8 Rivet Washers
- 6- Black #8 Washer Head Sheet Metal Screws
- 2- Flat Nuts
- 1-Cardboard Positioning Template
- 2-Packs of Adhesive Promoter

Your new parts come to you with a protective liner. Do not remove liner until installation is complete.

The Six-piece airfoil kit is a relatively easy accessory to install and is designed to add a functional and sporty new look to the rear valance of your Corvette.

1. The first thing to do will be to prepare the entire surface area of the C7 rear valance. Scrub the area with alcohol to remove all dirt and wax. Test that you have done well by applying some masking tape to see if the tape has a good tack to the area. If the tape seems to tack very loosely simply scrub again until the tape tacks up well.
2. You have been provided with a cardboard positioning template. Remove the two screws at the very back edge of the valance and align the template with these two screw holes and the back edge of the valance. The template is made to only face one way for each side so just manipulate it until it's lined up and then reinstall the screws' and apply masking tape over the round hole cut outs in the template to firmly hold it onto the valance.
3. You have been supplied with two adhesive promoter packs. Open one packet and you will see a small sponge soaked in a chemical that will ensure a good bond of the airfoil to the valance. Please note that this chemical is not a cleaner but an adhesive accelerator and must be used to ensure a good long-term bond.

Simply squeeze out the excess fluid and apply the fluid through the airfoil openings in the template to the valance. Using a fine marker draw the shape of the airfoils through the template onto the rear valance. This will indicate the exact position of each airfoil. You will notice that there is one hole in the template that you will need to drill into the valance. Simply pilot this hole using a 9/64" drill bit. Once all this is done remove the template.

4. Each airfoil is identical to each other so you don't have to worry about which one goes where. Place each airfoil into their locations to get yourself acquainted with where they are intended to be mounted and also to check the shape. Take a minute to shape each airfoil so that they match up to the rear valance perfectly without any gaps.
5. Now that you have a good idea of how they will be positioned and they are all shaped nicely, you can begin to install them. Peel the red release liner and carefully set each airfoil into the positions you marked and press firmly to set the bond. Try and reach around into the back of the valance and press the airfoils to the valance from both sides for the best possible bond.
6. You have been provided with 6 black washer head sheet metal screws. Three for one side and three for the opposite side. Set the three screws through the airfoil and into the factory holes of the valance. Use the flat nut provided to secure the one screw through the hole you drilled earlier.
7. You have also been provided with 12 small head aluminum rivets 6 for one side and six for the opposite side. Using a long 1/8" drill bit pilot the two holes in each airfoil into the valance. Be careful not to damage or scuff the airfoil with the drill chuck. You can apply some masking tape to the airfoil as an extra precaution.
8. Once you have all holes drilled, simply install all rivets using your rivet gun (**not included**). If you don't happen to have a rivet gun you can purchase one very inexpensively at an auto parts store. Each rivet has been supplied with a rivet washer and must be installed over the rivet end around the back side of the valance. The valance is made of a relatively soft composite material and is not solid enough to sustain the rivet by itself. The airfoils are not just nice looking but are a functional airfoil and will be under a lot of stress and pressures from the air flow so the rivet **must** be used to ensure that the airfoils never loosen or detach.
9. Once you have successfully installed all the airfoils stand up behind the car and look at the foils. You will notice that they will be at somewhat of an angle. You want the airfoils to be pointed straight down to the ground. To do this, simply force each airfoil into the proper alignment by hand. Each airfoil should look exactly parallel to each other and perpendicular to the ground for a nice looking and correct installation.
10. Once Installed, Remove protective liner.

If you have any questions during installation, please call American Car Craft at 727-861-1500.

Thank you and enjoy your new purchase!

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