



07-08 EDGE
STYLING KIT

3dCARBON™

INSTALLATION INSTRUCTIONS

REV. 05-08

QTY	3D PN.	FCS PART NUMBER	DESCRIPTION
1	691509	A7EDG-7820049-AAPLN	EDGE BODY KIT- V6 B PCS & EXH TIPS
1	691256	A7EDG-7820049-BAPLN	EDGE BODY KIT- V6 8PCS & EXH TIPS W/HITCH
1	691501	A7EDG-17B635-AAPLN	FRONT VALANCE PANEL
1	691508	A7EDG-17E957-AAPLN	REAR VALANCE PANEL
1	691257	A7EDG-17F000-AAPLN	TRAILER HITCH COVER
1	691502	A7EDG-7810154-AAPLN	RH ROCKER PANEL MLDG
1	691503	A7EDG-7810155-AAPLN	LH ROCKER PANEL MLDG
1	691504	A7EDG-7810154-BAPLN	RH FRONT DOOR CAP
1	691506	A7EDG-7810154-CAPLN	RH REAR DOOR CAP
1	691505	A7EDG-7810155-BAPLN	LH FRONT DOOR CAP
1	691507	A7EDG-7810155-CAPLN	LH REAR DOOR CAP

HARDWARE SUPPLIED

2	BRACKETS REAR LOWER
46	FEET 3M 4218 TAPE
1	3M 94 ADHESION PROMOTER
40	#8 X 3/4" SELF DRILLING SCREWS

TOOLS & MATERIALS REQUIRED

- Philips Edge Screw Driver
- Phillips Screw Tip
- 90 Degree Angle Screw Gun (if possible)
- Clean Wiping Cloths
- Air or Electric Drill Motor 1/8" Drill Bit
- Lacquer Thinner
- Grease Pencil
- Grinder - For Exhaust Extension installation only



READ BEFORE INSTALLATION OF KIT:

There are 2 kits available for the Ford Edge: 1 for a vehicle with a factory optional trailer hitch and 1 for a vehicle without a trailer hitch. Please check the part number of the kit you have received to make sure it is correct for the vehicle that you are preparing for the install. For vehicles that have a hitch, a template is provided to cut out space for the hitch. DO NOT ATTEMPT to cut kit parts after priming and painting. Please refer to page 8 of these instructions and included template attach to the back of these instructions to safely install the rear lower.



CAUTION!!!! IF A HEATED SPRAY BOOTH IS USED FOR BAKING THE PRIMER OR PAINT, DO NOT BAKE OR CURE GREATER THAN 120 F DEGREES FARENHEIT. THE PARTS CAN BE DISTORTED AND PERMANENTLY DAMAGED.

PREPPING THE KIT PRIOR TO PAINT

The first step is to inspect the parts to make sure you have the correct parts. Refer to the part numbers on the back of the parts to confirm the Year – Make – Model. Parts that are prepped and painted cannot be returned or exchanged.

Using lacquer thinner and a clean cloth – clean the tape flange surface on the back of each part where the double sided tape will be applied. Using 1” masking tape, apply the tape 1/8” below the top edge of the part. This will protect the tape flange from getting contaminated during the prepping and painting process.

Refer to Prepping and Painting Instructions for “Step by Step” procedures.

APPLYING THE 3M TAPE TO THE KIT

After the kit has been prepped and painted, the double face tape should be applied to the parts. The tape is not pre-installed on parts prior to shipping because the tape can be contaminated during the sanding/ priming and painting process.

The first step is to clean the tape flange on the back of the parts where the tape will be applied. (See Image #1) Make sure the complete tape flange is clean and free of all primer and paint. Using lacquer thinner on a clean rag, thoroughly clean the tape flanges on all parts of the kit.

Using the adhesion promoter bottle with felt tip supplied, apply it to the tape flanges – be careful not press too hard causing too much to be applied. The adhesion promoter will leave a thin clear polymer primer film that will increase the bonding strength of the double face tape.

The tape should be applied 1/8” down from the top edge of the part so that it cannot be seen after the kit is installed. The tape should be applied to the flange of each part. Press the tape firmly to the surface to insure good adhesion of the double faced tape. (See Image #2).

Repeat the cleaning and adhesion promoter steps on all parts of the kit.



IMAGE #1



IMAGE #2



INSTALLING THE FRONT AIR DAM

Step 1) Place the air dam on the front factory bumper and check the fit. The top edge of the air dam should parallel the body line on the factory bumper. Using a grease pencil, draw a line along the top edge of the part for reference during final installation (See Image #3).



IMAGE #3

Step 2) Remove the part from the car. Using lacquer thinner on a clean lint-free cloth, wipe the paint surface where the tape will attach. Be careful not to remove the grease pencil marks. Using the adhesion promoter supplied, apply the promoter to the paint surface where the tape will attach.

Step 3) Peel back a small piece of the red plastic backing from the tape, making a tail that can be pulled when the air dam is installed. Place the air dam on the car, positioning it by using the grease pencil marks previously made as a reference. Starting with the center section pull the red backing tail and press the air dam to the paint surface in order to insure good adhesion of the double face tape (See Image #4).



IMAGE #4

Step 4) Using the supplied (# 8 x 3/4") self tapping screws, secure the air dam in the wheel wells through the pre-drilled holes by fastening (2) screws in each wheel well.

Step 5) Locate the 4 pre-drilled holes on the lower part of the air dam. Secure the air dam through the pre-drilled holes with the (4) #8 x 3/4" self tapping screws provided (See Image #5).



IMAGE #5



INSTALLING THE SIDE SKIRTS

NOTE: Do not remove the factory side skirts from the vehicle. The 3dCarbon side skirts fit over the existing factory side skirts.

Step 1) Locate and remove the factory 5.5mm screw that secures the inner fender well to the car. Do not discard this screw. It will be used in the final installation of the side skirt (See Image #6).



IMAGE #6

Step 2) Open the car doors and locate the side skirt factory weather seal rubber. Remove the rubber and do not discard. The rubber will be re-installed after the side skirt installation is complete (See Image #7)



IMAGE #7

Step 3) Check the fit of the side skirt on the car. Using a grease pencil, draw a line along the top edge of the part for reference during final installation.

Step 4) Remove the part from the car and using lacquer thinner on a clean lint-free cloth, wipe the paint surface where the tape will attach. Using the supplied adhesion promoter supplied, apply it to the paint surface where the tape will attach. Peel back tape and install side skirt. Press firmly on car to insure good adhesion of the double-sided tape.

Step 5) Peel back a small piece of the red plastic backing from the tape making a tail that can be pulled when the side skirt is installed (See Image #8).

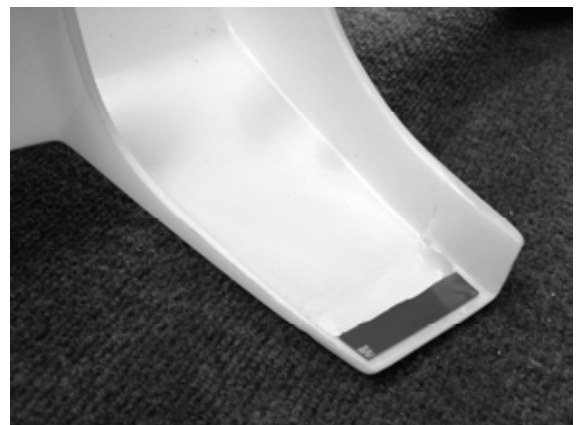


IMAGE #8

Step 6) Locate the (2) pre-drilled holes in the side skirt. Secure the side skirt in the front wheel well by fastening the factory 5.5mm screw (removed in Step 1) through the lower pre-drilled hole and the (1) 8 X 3/4" self tapping screw through the upper predrilled hole (See Image #9).



IMAGE #9

Step 7) Open the car door and locate the (4) pre-drilled holes on the upper front of the side skirt. Using (4) #8 x 3/4" self-taping screws, secure the side skirt through the pre-drilled holes (See Image #10).



IMAGE #10

Step 8) Locate the (4) pre-drilled holes on the bottom of the side skirts and secure the side skirt to the bottom of the car with (4) #8 x 3/4" screws provided on each side (See Image #11)



IMAGE #11

Step 9) Locate the (2) pre-drilled holes in the side skirt and secure it to the rear wheel well with (2) #8 x 3/4" self tapping screws (See Image #12)



IMAGE #12

Step 10) After the side skirts have been securely installed, re-install factory weather-seal rubber that was removed in Step 1.

Step 11) Repeat steps 1-10 to install the side skirt on the other side of the car.



INSTALLING THE FRONT/ REAR DOOR CAPS

Step 1) Using a clip removal tool, remove the plastic clips on the door caps that secure the factory door caps to the car. Pull the door cap off of the car. Remove any of the clips that stay on the car.

After removing the door caps, examine the fenders to ensure that the metal clips did not bend the fender in any way.

Step 2) Pre-fit the front door cap by placing it on the car and checking the fit by lining it up with the back edge of the door. (See Image #15 as a reference of lining the door cap along the door). Using a grease pencil draw a line along the top edge of the part for reference during final installation (See Image #13).



IMAGE #13

Step 3) Remove the part from the car. Using lacquer thinner on a clean lint-free cloth, wipe the paint surface where the tape will attach. Be careful not to remove the grease pencil marks. Using the adhesion promoter supplied, apply the promoter to the paint surface where the tape will attach.

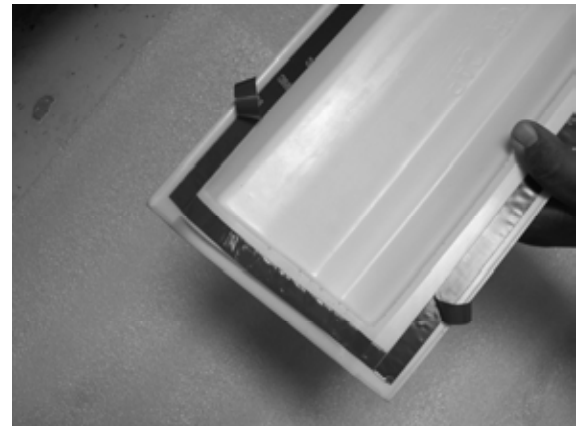


IMAGE #14

Step 4) Peel back a small piece of the red plastic backing from the tape, making a tail that can be pulled when the door caps are installed (See Image #14). Place the door cap on the car, positioning it using the grease pencil marks previously made as a reference. Open the door and make sure that the door cap does not hit the front part of the side skirt (See Image #16). Starting with one corner, pull the red backing tail and press the door cap to the paint surface to insure good adhesion of the double face tape (See Image #15).

Step 5) Pre-fit the rear door cap by placing it on the car and checking the fit. Using a grease pencil draw a line along the top edge of the part for reference during final installation.



IMAGE #15

Step 6) Using a grease pencil as a reference, pre-align the rear door cap with the front door cap to insure that they align correctly (See Image #17).

Step 7) Peel back a small piece of the red plastic backing from the tape, making a tail that can be pulled when the door cap is installed. Place the door cap on the car, positioning it using the grease pencil marks previously made as a reference. Test fit the rear door cap onto car. Open the door and make sure that the door does not hit the rear or front door cap. Starting with one corner, pull the red backing tail and press the door cap to the paint surface to ensure good adhesion of the double face tape.



IMAGE #16

Step 8) Repeat steps 1-7 to install the door cap on the other side of the car.



IMAGE #17



**A) INSTALLATION STEPS FOR REAR LOWER
FOR VEHICLES WITHOUT FACTORY
OPTIONAL TRAILER HITCH**

Step 1) Place the rear lower on the rear factory bumper and check the fit. The top edge of the rear lower should parallel the body line on the factory bumper. Using a grease pencil draw a line along the top edge of the part for reference during final installation (See Image #18).



IMAGE #18

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INSTALLATION INSTRUCTIONS

Step 2) Remove the part from the car. Using lacquer thinner on a clean cloth, wipe the paint surface where the tape will attach. Be careful not to remove the grease pencil marks. Using the adhesion promoter supplied, apply the adhesion promoter to the paint surface where the tape will attach.



IMAGE #19

Step 3) Peel back a small piece of the red plastic backing from the tape, making a tail that can be pulled when the rear lower is installed. Place the rear lower back on the car and position it using the grease pencil marks as a reference. Starting with the either side – right or left – pull the red plastic tail and press the rear lower to the paint surface to insure good adhesion of the double face tape.

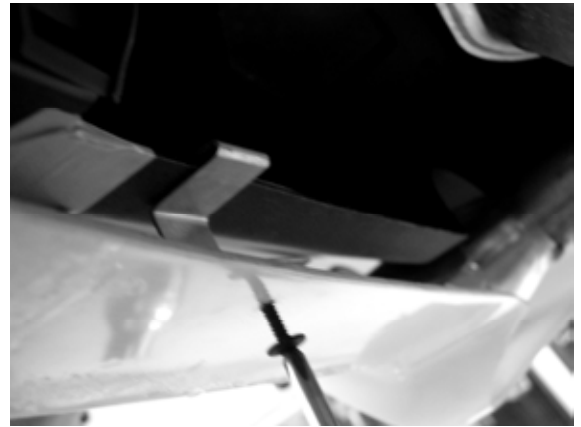


IMAGE #20

Step 4) Using the supplied (2) #8 x 3/4" self tapping screws supplied, secure the rear lower in the wheel wells through the (2) pre-drilled holes in each wheel well (See Image #19).



IMAGE #21

Step 5) Locate the (2) pre-drilled holes on the underside of the rear lower wrap. Secure the (2) supplied brackets to the rear lower with (2) #8 x 3/4 self-taping screws (See Images #20-22)



IMAGE #22

**B) INSTALLATION STEPS FOR REAR LOWER FOR VEHICLES WITH FACTORY
OPTIONAL TRAILER HITCH**

Step 1) In order to find the area which will be cut out to allow for the trailer hitch, measure 18 ½" (allow for a little variation) from the outside corner by the exhaust opening to the center line of recessed area. (See Image #23)



IMAGE #23

Step 2) Mark this center line by making a 4-5" mark with a grease pencil.

Step 3) Refer to the enclosed template and cut out the indicated areas.

Step 4) Place the template onto the rear lower, matching the center line on the cutout template to the mark previously made in Step 2. (See Image #24)
Using a grease pencil, trace the template and use this line as a reference when cutting the rear lower. (See Image #25)



IMAGE #24

Step 5) After the section has been cut out by using the template, continue the installation of the rear lower by following the instructions from "Part A) of Installation of the Rear Lower" – Steps 1-5.



IMAGE #25



INSTALLATION OF EXHAUST EXTENSIONS

Step 1) Remove the Factory Chrome Exhaust Extension by grinding the spot welds with a grinder wheel.

Step 2) Slide the Chrome Exhaust extension over the Factory Exhaust Pipe. Position it $\frac{3}{4}$ " out past the rear lower skirt so the hot exhaust gases can exit without damaging the paint. Refer to Image #26.

Step 3) Using a $1\frac{3}{4}$ " X 36" pipe, insert the pipe into each exhaust pipe. Adjust the exhaust pipes to be located in the center of the exhaust opening on the rear lower. This should give you approx $\frac{1}{2}$ " clearance around the exhaust extension. Refer to Image #27.

CAUTION!!!! Failure to center the exhaust extension may damage the paint and the rear lower due to the heat of the exhaust extension. Parts that are damaged due to incorrect installation are not warrantable.

Step 4) After the exhaust has been adjusted, use the exhaust clamps supplied and place the new exhaust tip onto the factory exhaust. Secure by tightening clamp as needed. Refer to Image #28.



IMAGE #26



IMAGE #27



IMAGE #28

3dCARBON™

07-08 Edge
Rear Lower Template

For Factory-Optional Trailer Hitch
Cut Out

3d Pn. 691256
Ford Pn. A7EDG-7820049-BAPLN
Rev. Date 4-07



*Note: Cut out highlighted gray area as indicated by dotted lines. Fold template at gray lines along the car. Center line is indicated by the black line.