

ATTENTION



Before attempting installation, inspect all parts for damage before prepping, painting, and installing kit. If parts are damaged or incorrect, make note to shipper and contact the dealer or distributor that shipped your order. If damage is not immediately reported, 3dCarbon will not be responsible for shipping damage



3dCARBON™

INSTALLATION INSTRUCTIONS



2013 MUSTANG BOY RACER

4 P.C. KIT // PN: 692019

Includes Installation Instructions for the Front, Side, & Rear Splitters (Sold Separately)

Rev: 3-25-12

For Installation Assistance
Please Call Us at 949-650-1999 or Email us at info@3dcarbon.com

Instructions Rev. 3-25-13

4 Pc. Kit Includes

QTY	3D PN.	DESCRIPTION
1	692016	MUSTANG BOY RACER FRONT AIR DAM
1	691610 (Right) / 691611 (Left)	MUSTANG BOY RACER R/L SIDE SKIRTS
1	692016	MUSTANG BOY RACER FRONT AIR DAM

Double-check to ensure that all of the parts are included in your shipment. Please contact 3dCarbon immediately if you are missing any part.

Important Notice – Vehicle Prepping Prior to Installation

The procedure for installing the 3dCarbon Mustang Boy Racer Front Air Dam involves two types of installation procedures – Mechanical Screws and 3M VHB Tape.

It is critical that the paint surface of the vehicle be room temperature - no less than 70 deg F. The paint surface must be clean and free of any contamination: IE: dirt, road salt, moisture and wax.

The procedure for cleaning the paint surface on the vehicle will include using wax and grease remover. 3dCarbon recommends using SEM Solve - Part Number 38373. After the paint surface is cleaned, we recommend using a quick wipe of acetone, followed by 3M 94 Adhesion Promoter. These steps will ensure proper adhesion of the 3M tape to the paint surface. For a successful installation, do not substitute any steps or materials.

The wet out and curing time for the 3M PT1100 Tape is 24 Hours.

Keep the vehicle dry and at room temperature for 24 hours after the installation to allow the wet out of the tape.

For removal and reinstallation of any component of the body kit – contact 3dCarbon for step-by-step technical support and reinstallation materials.

For any technical questions on the installation or service of the parts contact the following:

3dCarbon
845 W 16th St
Newport Beach Ca 92663
949-650-1999 P

Tech Support- info@3dcarbon.com
Warranty Inquiries - E mail – warranty@3dcarbon.com

These parts are available pre painted in all factory colors from 3dCarbon

CAUTION!!!! IF A HEATED SPRAY BOOTH IS USED FOR BAKING THE PRIMER OR PAINT. DO NOT BAKE OR CURE GREATHER THAN 120 F DEGREES FARENHEIT. THE PARTS CAN BE DISTORTED AND PERMANENTLY DAMAGED. SEE PREPPING & PAINTING INSTRUCTIONS FOR MORE INFO.

INSTALLATION STEPS // FRONT AIR DAM

MATERIALS/ TOOLS REQUIRED	
ACETONE	¼" DRIVE RACHET SOCKET SET
SHOP RAG	1" MASKING TAPE
ELECTRIC DRILL MOTOR	CHINA MARKER
PHILLIPS SCREW GUN TIP	9/64" DRILL BIT

HARDWARE SUPPLIED	
2	ALUMINUM BRACKETS - FRONT AIR DAM
1	3M 94 ADHESION PROMOTER 1.05 OZ BOTTLE
2	#8 x ¾" SELF DRILLING SCREWS
6'	3M VHB DOUBLE-FACE TAPE - PRE-APPLIED TO THE PARTS AS REQUIRED

Step 1)

Locate and remove the two factory screws located in the wheel wells (See Image #1) and the two factory screws located under the front fascia (See Image #2).



IMAGE #1



IMAGE #2

Using acetone on a clean shop rag, clean the tape flange on the inside of the part to remove any contamination prior to applying the 3M Tape.

Using a clean shop rag, apply the 3M 94 adhesion promoter to the tape flange surface. Next apply the 3M Tape to the tape flange, applying a minimum of 15 lbs pressure. Position it just below the small lip on the edge—this will allow the tape to be set back and hidden when the part is installed (Image #3).



IMAGE #3

Place the air dam on the front factory bumper and check the fit. The front center section should fit flush inside the opening on the bumper. Once the desired fit is achieved, use a china marker to draw a reference line around the top of the part (See Image #4). Remove the part from the car.



IMAGE #4

Step 2)

Using on a clean shop rag, clean the paint surface where the tape will come in contact with acetone. (Image #5) Afterwards, use another clean shop rag to apply the 3M 94 adhesion promoter to the paint surface just below the horizontal china marker reference line made in Step 1. Be careful not to remove the reference line.



IMAGE #5

Peel back a 2" piece of the red backing from the double face tape (See Image #6), and secure the "tails" to the paint surface with the 1" masking tape. Place the air dam on the bumper using the china marker lines as a reference. Carefully pull the red backing tape tail (See Image #7), and press the air dam firmly to the paint surface



IMAGE #6



IMAGE #7

Step 3)

Secure the part to the vehicle using the original screws in the wheel wells (See Image #8). Using the two aluminum brackets supplied, secure the bottom of the air dam to the bumper with the original factory screws and the two # 8 x ¾" screws provided (See Image #9 &10).



IMAGE #8



IMAGE #9



IMAGE #10

INSTALLATION STEPS // SIDE SKIRTS

MATERIALS/ TOOLS REQUIRED	
ACETONE	DRILL MOTOR / SCREW GUN
SHOP RAG	CHINA MARKER
CLIP REMOVAL TOOL	9/64" DRILL BIT

HARDWARE SUPPLIED	
2	ALUMINUM BRACKETS
1	3M ADHESION PROMOTER - 1.5 OZ BOTTLE
1	CORROSION PROTECTANT - 1.5 OZ BOTTLE
1	POR 15 RUST PREVENTATIVE COATING - 0.5 OZ APPLICATOR
6	XMAS TREE PLASTICCLIPS
4	#8 x 3/4" SELF DRILLING SCREWS
6'	3M PT1100 DOUBLE-FACE TAPE - PRE-APPLIED TO THE PARTS AS REQUIRED

Step 1)

Using a clip removal tool, remove the two plastic clips on each side skirt that secures the factory side skirts in the front wheel wells. ****Save these clips for reinstallation of the new side skirts****

Next use the clip removal tool to remove the clips that secure the factory side skirts on the bottom of the car.

Pull the factory side skirt off the car. Remove any of the clips that stay on the car.

Step 2)

Check fit the new side skirt on the car. After the fit is confirmed, make sure that the holes in the front of the side skirt align with the two holes from the factory clips removed in Step #1.

Hold the part in position and draw a line along the top of the part, using a china marker, for reference during the final installation see (Image #1 and #2).



IMAGE #1



IMAGE #2

Locate the two pre-drilled holes in the back of the side skirt. Hold the part in position—the correct location of the side skirt will look like the fitment shown in Image #3.

Using a china marker, mark the vehicle's paint surface through the pre-drilled holes. Remove the side skirt. Using the 9/64" drill bit, drill through the pre-marked holes (See Images #4 & 5).

Apply the POR 15 Rust Preventative Coating on the drilled holes.



IMAGE #3



IMAGE #4



IMAGE #5

Step 3)

Using acetone on a shop rag, clean the tape flange on the back of the part, and the paint surface on the car where the tape will attach. Be careful not to remove the grease pencil marks (See Image #6).

Using another clean shop rag, apply the 3M 94 Adhesion promoter to the paint surface on the car and the tape flange on the back of the part where the tape will attach, once again being careful not to remove the grease pencil marks.



IMAGE #6

Once the promoter is dry, apply the 3M PT1100 Tape to the back of the part. Be sure to press firmly, applying a minimum 15lbs of pressure. *Note: If the kit is ordered pre-painted, the tape comes pre-applied.*

Step 4)

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 #7).



IMAGE #7

Step 5)

Place the side skirt back on the car, positioning it using the grease pencil marks as a reference. Starting with either end, pull the red backing tail and press the new side skirt to the paint surface at the same time. (See Image #7)

Apply a minimum of 15 lbs pressure along the tape flange to ensure a good adhesion to the paint surface.

Step 6)

Using the supplied #8 x 3/4" self-tapping screws, secure the side skirt in the wheel wells through the pre-drilled holes in the rear of the side skirt. Next, use the factory clips removed from the original side skirts to secure the front of the side skirt through the factory holes. (See Image #8)



IMAGE #8

Step 7)

Locate the (4) factory holes under the side skirt and secure it to the vehicle using the supplied x-mas tree clips. (See Images #9 & #10)



IMAGE #9



IMAGE #10

INSTALLATION STEPS // REAR LOWER SKIRT

MATERIALS/ TOOLS REQUIRED	
ACETONE	PHILLIPS SCREW GUN TIP
SHOP RAG	1" MASKING TAPE
ELECTRIC DRILL MOTOR	CHINA MARKER
HARDWARE SUPPLIED	
1	3M 94 ADHESION PROMOTER 1.05 OZ BOTTLE
2	#8 x 3/4" SELF DRILLING SCREWS
9'	3M PT1100 DOUBLE-FACE TAPE - PRE-APPLIED TO THE PARTS AS REQUIRED

Step 1)

Locate and remove the two factory screw clips located in the wheel wells.

Using acetone on a clean shop rag, clean the tape flange on the inside of the part to remove any contamination prior to applying the 3M Tape.

Use another clean shop rag to apply the 3M 94 adhesion promoter to the tape flange surface. Make sure that the ambient temperature is 70 degrees F.

Once the promoter is dry, apply the 3M tape to the tape flange with a minimum of 15 lbs of pressure. Position it just below the small lip on the edge—this will allow the tape to be set back and hidden when the part is installed (See Image #1)

Place the rear lower on the front factory bumper and check the fit. Once the desired fit is achieved, use a china marker to draw a reference line around the top of the part (See Image #2). Remove the part from the car.



IMAGE #1



IMAGE #2

Step 2)

Using acetone on a clean shop rag, clean paint surface where the tape will come in contact (See Image #3). Using a clean shop rag, apply the 3M 94 adhesion promoter to the paint surface just below the horizontal china marker reference line made in Step #1. Be careful not to remove the reference line.

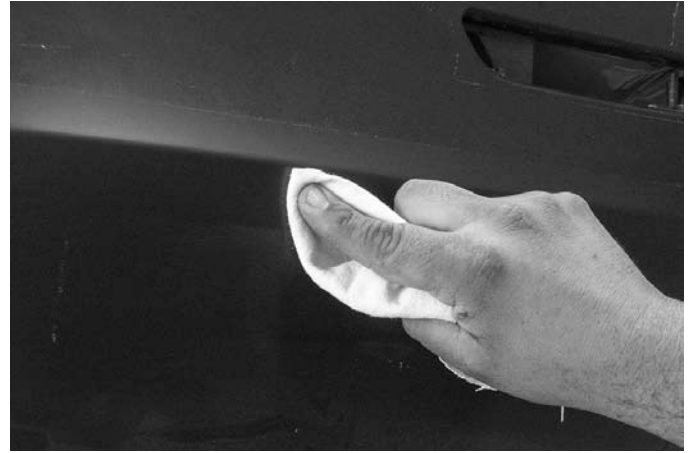


IMAGE #3

Peel back a 2" piece of the red backing from the double face tape from the center line (See Image #4) and secure the "tails" to the paint surface with the 1" masking tape. Place the rear lower on the bumper, using the china marker lines as a reference. Pull the red backing tape "tail" back carefully, starting at the center outward, (See Image #5), and press the rear lower to the paint surface firmly.



IMAGE #4



IMAGE #5

Step 3)

Secure the part to the vehicle using the original screws clips in the wheel wells through the pre-drilled holes in the rear lower (See Image #6). Using the supplied #8 x 3/4" screws, secure the bottom of the rear lower to the bumper (See Image #7).



IMAGE #6

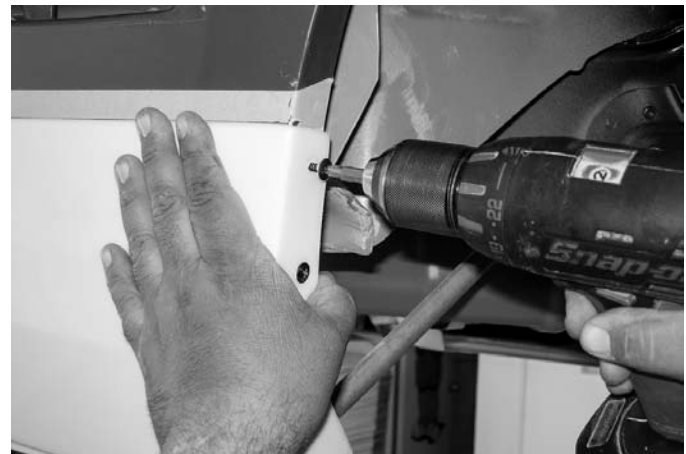


IMAGE #7

INSTALLATION STEPS // FRONT AIR DAM SPLITTERS

MATERIALS/ TOOLS REQUIRED	
(2) HAND SPRING CLAMPS	ELECTRIC DRILL MOTOR WITH PHILLIPS HEAD TIP
HARDWARE SUPPLIED	
15	#8 x 3/4" SELF DRILLING SCREWS

Step 1)

After the air dam has been installed on the front fascia, place the front splitter on the air dam (See Image #1). Check the fitment of the splitter, ensuring that it fits flush with the front air dam.



IMAGE #1

Using hand spring clamps, secure the splitter to the front air dam (See Image #2).



IMAGE #2



IMAGE #3

Locate the (15) predrilled holes in the bottom of the splitter. Using a screw gun and the #8 x 3/4" screws provided, secure the splitter to the air dam in the pre drilled holes. (See Images #3 & 4)



INSTALLATION STEPS // SIDE SKIRT SPLITTERS

MATERIALS/ TOOLS REQUIRED	
(4) HAND SPRING CLAMPS	ELECTRIC DRILL MOTOR WITH PHILLIPS HEAD TIP
HARDWARE SUPPLIED	
16	#8 x 3/4" SELF DRILLING SCREWS

Step 1)

After the side skirt has been installed, place the side splitter on the vehicle, underneath the 3dCarbon side skirt. Check the fitment of the splitter, ensuring that it fits flush with the side skirt.

Using hand spring clamps, secure the splitter to the side skirt (See Image #1).



IMAGE #1



IMAGE #2



IMAGE #3

Locate the (8) predrilled holes in the bottom of the splitter. Using a screw gun and the #8 x 3/4" screws provided, secure the splitter to the side skirt in the pre drilled holes. (See Images #2 & 3)

Repeat steps for the opposite side.

INSTALLATION STEPS // REAR SPLITTERS

MATERIALS/ TOOLS REQUIRED	
(2) HAND SPRING CLAMPS	ELECTRIC DRILL MOTOR WITH PHILLIPS HEAD TIP
HARDWARE SUPPLIED	
8	#8 x 3/4" SELF DRILLING SCREWS

Step 1)

After the rear lower skirt has been installed, place the rear splitter on the vehicle, underneath the 3dCarbon rear lower (See Image #1). Check the fitment of the splitter, ensuring that it fits flush with the rear lower skirt.



IMAGE #1

Using hand spring clamps, secure the splitter to the rear lower skirt (See Image #2).



IMAGE #2



IMAGE #3

Locate the (4) predrilled holes in the bottom of the splitter. Using a screw gun and the #8 x 3/4" screws provided, secure the splitter to the rear lower skirt in the pre drilled holes. (See Images #3 & 4)



IMAGE #4

Repeat steps for the opposite side.