

Part No. 12138
Hood Scoop
2005-12 Ford Mustang
2006-10 Dodge Charger

We have found this hood scoop to fit many applications. Please check our application guide online to see if it fits other vehicles your friends or family owns. www.teamxenon.com.



2005-12 Ford Mustang



2006-10 Dodge Charger

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE PROCEEDING

We have provided complete instructions and hardware; the list of these items is listed on page 3 of the instructions.

- Before starting **please verify** that the instructions and hardware are included with the shipment. Also, **verify** that you received the correct part(s). All part numbers are embossed on the inside of the urethane component(s).

Tools and general materials required: Acetone or MEK, Burgundy Scotchbrite pad, cleaning cloths

THERE ARE FOUR PHASES TO MOST INSTALLATIONS:

1. Removal of factory parts and then **TEST FIT** the aftermarket product
2. Preparation of the parts for paint and painting
3. Installation of the adhesive tape
4. Installation of the part

PHASE 1) REMOVAL & TEST FIT

- **REMOVAL**: No Factory Product needs to be removed to install this product
- **TEST FIT** the parts to verify excellent fit

DO NOT PREP, DRILL, OR PAINT THE PART(S) UNTIL TEST FITTING IS COMPLETE!

NOTE:

Urethane parts might seem to be slightly distorted upon test fit. If so, place them in the sun topside down (if a warm day) or in a warm area, approximately 70-80 degrees F, for 2-3 hours and it will return to its original shape and become more flexible.

PHASE 2) PREPARATION OF URETHANE PART (S) FOR PAINTING:

This process is following an approved Sherwin Williams procedure and materials. Consult your paint supplier for equivalent materials and / or procedures.

- **WASH** the paintable surfaces with a heavy duty detergent degreaser i.e....Castrol purple stuff, Palmolive liquid dish soap, red hot, and USP90 scuff gel, using a gray scuff pad until the part is dull and then rinse thoroughly.
- **SAND** across item with 400 grit or finer paper and check for imperfections. Repair as needed.
- **RE-WASH** with heavy detergent degreaser and USP90 scuff gel or Palmolive liquid dish soap using gray scuff pad to remove any residue. Rinse thoroughly and wipe dry with a lint free towel.
- **WIPE** item down using SC159 plastic and anti-static cleaner with lint free towel.
- **PLACE** masking tape onto the tape ledge surface on the backside of the part.
- **SPRAY** item with UPO7227 plastic adhesion promoter.
- **SPRAY** item with P30 sealer base coat then clear coat.
- **DO NOT oven bake our parts above 100 degrees F.** They should be well supported during any heat cycle to avoid the flexible part from warping.

Figure #1



PHASE 3) INSTALLATION OF THE ADHESIVE TAPE (perform in a warm area above 70 Degrees)

- **REMOVE** masking tape from the backside of the part.
- Looking at Figure #1 you can see that all areas where the tape is to be installed and the front and rear of the part should have 3 rows of 1/2" x .60 tape installed next to each other and the sides should have 2 rows of 1/2" x .60 tape installed.
- **REMOVE** any paint over spray on the tape area of the part with acetone and if needed use 3M #7447 Scotchbrite burgundy pad. After paint over spray is removed wipe tape ledge with a clean rag and acetone.
- **CLEAN** the tape ledge on the inside of the part with MEK or Acetone.
- **ROUGH** up the tape ledge using 3M burgundy Scotchbrite pad that has been dipped in MEK or Acetone and then wipe clean with the MEK or Acetone.
- **APPLY** the provided 3M adhesion promoter, #4298, onto the part where the tape will be installed and **PRESS** the tape on with the handle part of scissors.
- **ALLOW** the part to set with the tape applied for about 30 minutes in a warm area with a 2 x 4 underneath the part of such size that all 4 edges of the part are not supported by the 2 x 4. – This will help the curing process, before installing the product on the vehicle.

PHASE 4: INSTALLATION OF THE PART (Perform in a warm area of 70 degrees)

- **INSTALL** the provided black vinyl insert in the front scoop area of the part. Clean the portion of the part where the insert will adhere to with rubbing alcohol and then, after peeling the premask from the vinyl, carefully press the insert into place.
- The part needs to be warm which will increase its flexibility and the ease of installation
- **CLEAN** the area which the tape will contact the hood with acetone or MEK.
- **REMOVE** the red tape backing from the **INSIDE** rows of tape.
- **PULL** all the ends of the outside rows of the tape red back liner outside the edge of the part so you can pull them when the part is in place. Pull the red backing from the tape and press the part into place. The location of the Hood Scoop is centered on the hood with the back edge of the scoop located at 1/4" forward of the rear hood edge for 2005-09 Mustang Applications. For the 2010 Mustang the location of the back edge of the hood scoop is about 5 1/2" forward from the back edge of the hood. For Charger, the scoop is located 1 7/8" forward of the rear hood edge.
- **ALLOW** the part to set in place for at least 1 hour to help the curing process of the tape
- **DO NOT** wash your car or run it through a car wash for 24-48 hours to allow the tape to cure completely

PART NUMBER (S):

12138 Hood Scoop

HARDWARE PROVIDED:

(4) - 3M4298 adhesive packs, (16 Feet) 1/2" x .060 tape, (2) - Hood Scoop black vinyl inserts, (1) Instruction Sheet

DATE: Rev. June 27, 2012

AMERICAN BEST CAR PARTS

Instructions

XENON

2891 VIA MARTENS

ANAHEIM CA 92806

714-632-1709 Phone

www.teamxenon.com

File: S:\Doc\Instruction Sheets\Xenon\Ford\Mustang\12138 Hood Scoop