

**KIT No. 12830 (12821, 12822)**  
**Air Dam (2 pieces)**  
**2010-12 Mustang V-6**



**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: Drill, 3/16" and 7/64 drill bits, various hand tools, 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:** Nothing needs to be removed from the vehicle
- **TEST FIT** the parts to verify excellent fit

**DO NOT PREP, DRILL, OR PAINT THE PARTS 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 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.
- **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 1/2" masking tape from the backside of the part that protected the tape ledge during the painting process.
- Looking at Figure #1 you can see the area where the tape is to be installed onto the "tape ledge".
- 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 and PRESS the tape on with the handle part of scissors.
- ALLOW the part to set with the tape applied for about 30 minutes – this will help the curing process, before installing the product on vehicle.

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

- The part needs to be warm which will increase it's flexibility and the ease of installation
- CLEAN the area which the tape will contact the vehicle with acetone or MEK.
- PULL all the ends of the tape red back liner outside the edge of the part so you can pull them when the part is in place.
- SET the part in place and slowly pull the red liner from the tape and press the part snugly into position
- DRILL w/ 7/64" bit in the wheel well flange area where dimpled (2 places).
- DRILL w/ 3/16" bit underneath the air dam where dimpled and secure that location with the plastic Xmas Tree plug provided.

**PART NUMBER (S):**

Kit #12830 (Consists of 12821 and 12822 parts)  
ARM DAM ( 2 pieces)

**HARDWARE PROVIDED:**

(3) - 3M4298 adhesive packs, ( 10 )-Feet, 1/2" x .060 tape, (4)- #8 x 3/4 non self-tapping screws, (2)- black xmas tree plug fastener, (3)- pages, instructions

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**AMERICAN BEST CAR PARTS**  
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**12730 instructions**