

Part No. 12940 (12942 & 43)
Rear Body Scoops (Pr.)
2008-12 Challenger (All Models)



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 for this product to be installed
- **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, 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.
- **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 ½" masking tape from the backside of the part.
- Looking at **Figure #1**, you can see the area where the tape is to be installed has 2 rows of ½" x .60 tape installed next to each other at the leading edge(forward) section of the part and a single row of tape on the top, bottom and back tape ledge area.
- 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

- **INSTALL** the supplied left and right scoop black vinyl inserts by removing the protective premask and carefully setting the insert into the scoop are and pressing it to adhere to our part.
- **SET** the painted part with the tape installed bottom side down on a 2 x 4 or something that will allow all four edges to hand over this support by at least two inches. Place the part in the sun on a warm day or in a very warm area for at least an hour. This will allow the part to become more pliable and flexible.
- **CLEAN** the area which the tape will contact the vehicle with acetone or MEK.
- **REMOVE** the red tape backing from the **INSIDE** row of tape (where there are two rows)
- **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.
- **SET** the part in place and slowly pull the red liner from the outer rows of tape and press the part snugly into position

PART NUMBER (S):

Kit #12940 (Consists of 1-12942 & 1-12943 parts)
Body Scoops
2008-10 Dodge Challenger

HARDWARE PROVIDED:

(2) - 3M4298 adhesive packs, (20)-Feet, ½" x .060 tape, (1) each of left and right scoop black vinyl inserts, (1) set instructions

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