

T-REX

GRILLES



UPPER CLASS GRILLE

MAIN GRILLE - #54436 / #51436

2015 CHRYSLER 300

NOTE BEFORE INSTALL:

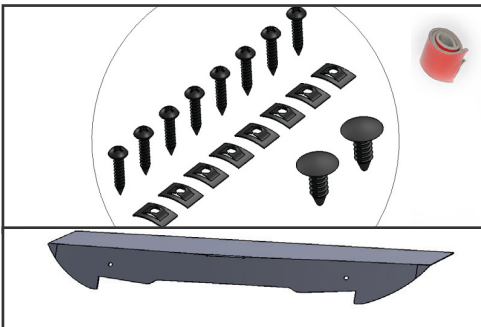
This is a Grille Replacement. Your factory grille components and other vehicle front end features may be visible once your new grille is fully installed. To counter this visual element, we have found that you can hide or mostly eliminate the components by blacking out with flat black aerosol spray paint, plasti-dip or any other similar product. If you choose to take on this extra modification, you are advised to mask off any parts or panels that you do not wish to paint over. T-REX TRUCK PRODUCTS DOES NOT TAKE ON ANY RESPONSIBILITY FOR THIS ADDITIONAL MODIFICATION.

PARTS INCLUDED

- (1) Main Grille Replacement Polished - Part #21436 OR Black - Part #21436B

HARDWARE INCLUDED

- (8) #8 0.75" Screws
- (8) #8 Flat Nut Plates
- (2) Plastic Push Fasteners
- (1) Top Plate Shroud
- (1) small roll of double sided tape



TOOLS REQUIRED

- Screwdriver Set
- Drill
- Socket Set
- Drill Bit Set

GRILLE INSTALLATION GUIDE

START HERE

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLATION. Auto makers offer varied models to each vehicle and occasionally manufacture more than one body style of the same model. To assure your part is correct; our tech department can be contacted at tech@trexbillet.com to verify fitment and assist with technical questions. All other inquires can be directed to info@trexbillet.com. In the event you do not have internet access please call 1-800-287-5900.

* APPLICATION MODELS VARY. WE RECOMMEND TO VERIFY FITMENT BEFORE BEGINNING INSTALLATION PROCESS.
* IMAGES FEATURED IN THE INSTRUCTION DOCUMENTS MAY NOT ALWAYS EXACTLY MATCH YOUR GRILL / VEHICLE.

STEP 1 DISASSEMBLY

- 1) Turn off engine, disconnect negative battery terminal, immobilize tires with stop block or if possible use car lift.

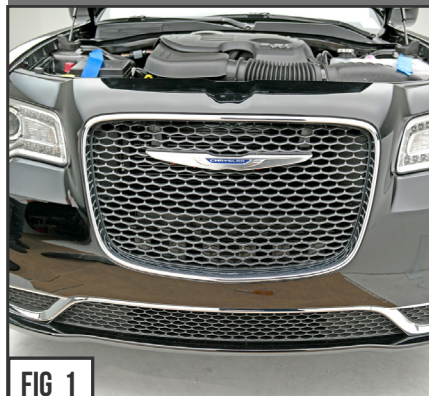


FIG 1

PRO TIP:

Before you begin, use "3M Painters Tape" to apply a protective guard around the work areas. Attend to exposed chrome, fender bumper valance. This will help protect the paint and finish of your vehicle.

STEPS 2-4

SEE FIGURE 1 & 2

- 2) Lay out the grille replacement.
- 3) Sort out the provided hardware and install the top plate shroud to the backside of the grille using the (2) plastic push fasteners.
- 4) Tape off work areas to protect vehicle finish including the surrounding grille trim and / chrome.

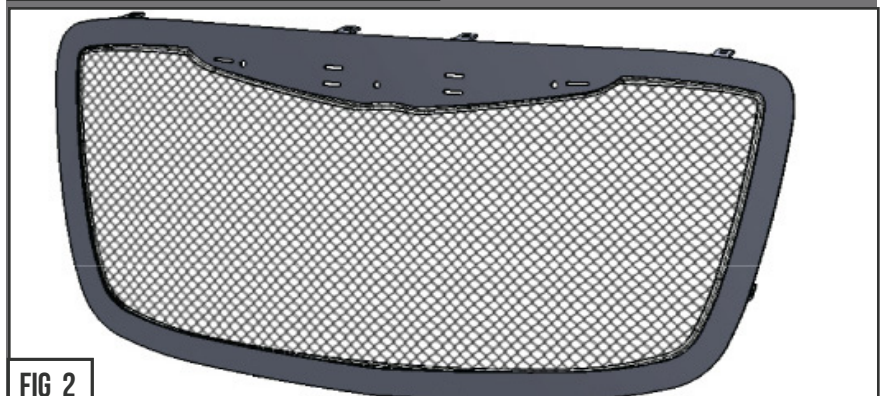


FIG 2

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GRILLE INSTALL - CONTINUED



STEP 5

5) From underneath, remove (8) 7 MM hex screws that secure the plastic skid shield to the underside of the front bumper cover.

STEP 6 & 7

SEE FIGURES 3 - 6

6) In the front wheel-well near side signal marker lamps, remove (2) plastic push fasteners on both Driver & Passenger sides of the vehicle.

7) On the inside of wheel well lining, remove the bolt(s) that secures fender to vehicle. Firmly grasp the fender lip and pop free the fender from the retaining bracket.

GRILLE REMOVAL



GRILLE REMOVAL CONTINUED

STEP 8

8) In the Engine Compartment at the nose of the vehicle, the top plastic shroud is secured by (8) push fasteners. Pry them out and save for later.

STEP 9

SEE FIGURE 7

9) Locate the panel above the headlight and firmly grasp ahold from behind. Pop free and remove the panel from the upper retaining bracket. Do this for both DS & PS of vehicle.

STEP 10

SEE FIGURE 8

10) At this point the front bumper fascia and nose of the vehicle should be loose. You may need to loosen or further free any fender retaining bracket to the completely remove from vehicle.

STEP 11

SEE FIGURE 9

11) Have a friend give you an extra hand for this part. If equipped you will need to disconnect fog lamps and then carefully set the bumper fascia and set it nose down on a soft cushioned pad or blanket.



GRILLE REMOVAL CONTINUED

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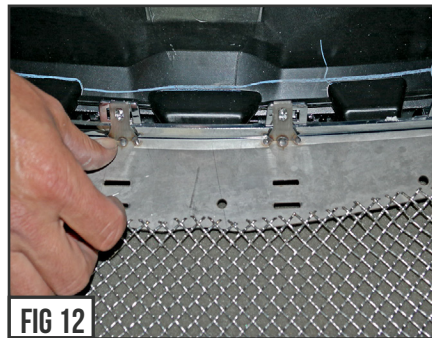
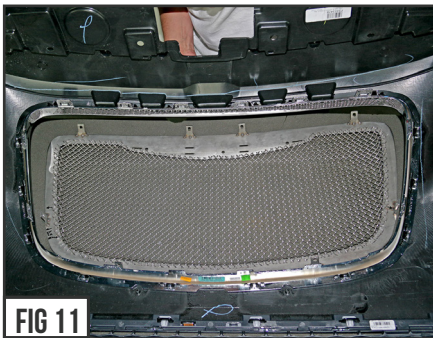
STEP 12

12) Now you may start separating the factory grille from the front bumper fascia. Remove all factory hardware, clips and screws that secures grille and fixes to the nose. ↓

STEP 13

13) Use a broad flat blade screw driver to release mounting clips from the bumper fascia. Long or needle nose pliers to squeeze and release the mounting tabs and then push them through their slots. ↓

GRILLE REMOVAL COMPLETE



GRILLE INSTALL START

STEP 14

SEE FIGURE 11

14) With the factory grille removed and separated from the bumper fascia, lift the nose up and underneath the new replacement grille into the main bumper opening.

STEP 15

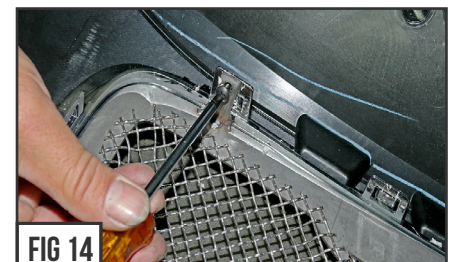
SEE FIGURE 12 & 13

15) When you are satisfied with the FINAL positioning of the grill inside the bumper opening, align the (8) grille tabs with the factory grille mounts. Hold in place, and check for visual alignment from the front and drill an 1/8" hole in each mounting tab.

STEP 16

SEE FIGURE 14 - 16

16) Using a screw driver, insert (8) screws into the mounting tabs. Tighten screws with the flat nut plates on the back side.



GRILLE INSTALL CONTINUED

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BADGE INSTALL



FIG 18

BADGE INSTALL START

SEE FIGURE 18

This specific grille replacement is designed to feature the OEM factory badge. You can easily pop the badge free by pressing out the tabs from behind the grille. If so, you will need to prepare the surface for mounting. Using Isopropyl Alcohol, thoroughly wipe clean removing all oils, smudges, and finger prints.

BADGE INSTALL STEP 1

SEE FIGURES 19 - 21

1) Take the provided roll of double sided stick tape, and cut little vertical strips to place across the badge's backside. You will want to cover side to side. With a razor knife, cut off and remove any excess tape that overhangs.



FIG 19



FIG 20



FIG 21

BADGE INSTALL ON VEHICLE

BADGE INSTALL STEP 2

SEE FIGURE 22

2) With the tape cut to fit and the red masking removed, carefully align the badge over the new grille replacement pre-defined mounting slots. The OEM Factory Badge will have an assortment of tabs that will exactly fit onto the grille replacement mounting location.

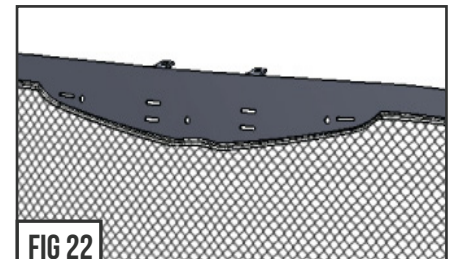


FIG 22

BADGE INSTALL STEP 3

SEE FIGURE 23

3) When you are satisfied with the positioning, carefully press the badge so that the tape will marry itself on top of and adhere to the mounting plate.



FIG 23

BADGE INSTALL STEP 4

SEE FIGURE 24

4) At this point you will want to give the badge a thorough and firm press all around the entire surface so that all the tape will make good contact with the mounting surface and fully adhere.



FIG 24

BADGE INSTALL COMPLETE

INSTALLATION CONTINUED

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INSPECT YOUR WORK

GRILLE RE-INSTALLATION CONTINUED

STEP 18 GRILLE RE-INSTALLATION

18) It is now time to re-install the front bumper fascia cover back onto the nose of the vehicle. Reverse the order of de-installation and then look over your work before tightening up all the factory hardware.



STEP 19 POST INSTALLATION VISUAL INSPECTION

SEE FIGURES 19 & 20

19) At this point you want to look over your work and examine the gap alignments around all edges and in between the new T-REX Grille and the vehicle components and body lines. Carefully close the hood for a complete visual inspection. If adjustment is needed, you can loosen the hardware mounts and shift side to side or up & down to achieve proper look.





T-REX GRILLES PRODUCT WARRANTY

T-REX GRILLES PRODUCT WARRANTY

T-REX Truck Products warrants its grille products to be free from defects in material and workmanship for the lifetime of the grille. T-REX Truck Products warrants the finish of its grille products for a 3 year period beginning at the time of sale to the end user. These warranties are limited warranties and do not cover abuse, modification or improper installation nor do they cover finish failure caused by caustic cleaning agents, road salts or other chemicals. T-REX Truck Products reserves the right to repair or replace a defective product at its sole discretion. Any T-REX product must be returned to T-REX for warranty consideration and must be returned at the customer's expense. In the event that the product is deemed to be defective, the repaired or replaced item will be returned via a surface shipping method to the customer at T-REX Truck Products expense. No provision is made for any labor, rental car or other costs incurred by the failure of its products.

LED LIGHTING EQUIPMENT INSTALLATION / DISCLAIMER

WARNING

PLEASE CONSULT YOUR LOCAL AUTOMOTIVE ELECTRICAL PROFESSIONAL FOR INSTALLATION SERVICES AND ADVICE. T-REX IS ONLY EQUIPPED TO PROVIDE BASIC TECHNICAL ASSISTANCE DUE TO THE DIVERSITY OF VEHICLES, VEHICLE OPTIONS & MODIFICATIONS AND LIGHTING CONFIGURATION OPTIONS AVAILABLE. T-REX Truck Products cannot be held liable due to improper component installation and / or faulty wiring.

GENERAL GUIDELINES

LED Lights & LED Light Bars operate at relatively high currents and should only be installed by qualified personnel with experience in switched / relayed high draw DC Circuits.

- Light Bars are designed for use only with standard 12v DC power systems
- Light Bars are for OFF-ROAD USE ONLY. Check your local laws & regulations regarding vehicle mounted lights.
- Some Light Bars are equipped with waterproof connectors while others are simply pig-tailed
- Red Wires = POSITIVE | Black Wires = NEGATIVE
- ALWAYS install your lights on a fused circuit. Basic fusing guidelines: maximum 5A for every 10" of LED Light Bar.

GENERAL USE, INSTALL AND ADJUSTMENT TIPS

NOTE 1: T-Rex Torch Series Grilles (with LED Light Bars installed), and LED Light Bars themselves are for OFF-ROAD USE ONLY.

NOTE 2: Light Bars in Torch Series Grilles are installed flush with the grille from the factory. This may or may not be the ideal angle for each light depending on the configuration of your vehicle and its options and/or modifications. To adjust the angle of your light bars simply loosen the mounting hardware on either side of each Light Bar, rotate the Light Bar to adjust the angle, then tighten the hardware once the desired angle is achieved (please be careful not to over-tighten the mounting hardware or scratch the protective powder-coat finish). It is best to adjust the angle with the vehicle on level ground with the lights facing a wall, garage door or other solid barrier at a distance of approximately 25-30 feet.

NOTE 3: Please consult a qualified automotive electrical professional for light bar wiring installation.

NOTE 4: An optional universal wiring harness (part# 639HAR1) is also available that includes high-heat & oil/fuel resistant wires, waterproof connector, 12v relay, 12v rocker switch, inline fuse holder. Our universal wiring harness significantly expedites the installation process but is not a vehicles specific "Plug & Play" product and does not eliminate the need for a professional installation.

Please contact your local T-Rex dealer for more information or visit www.trexbilliet.com.

GRILLE CARE INFORMATION

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T-REX grilles are finest in the industry but do require normal care. Wash regularly as you would when caring for your vehicles. Never use dish soap.

POLISHED FINISH

T-REX polished grilles should be waxed at the same time that you wax the vehicle and can be cleaned with soap and water. A polished finish can be cared for in the same fashion that would care for your vehicles factory chrome. Never leave wet water spots as that may leave a blemish.

MATTE BLACK FINISH

Paint warranty applies to defects in material and / or workmanship, it does not cover the matte finish surface appearance.

To enjoy the matte appearance for many years to come, please follow these owner care and maintenance tips.

Get a no-shine matte car wash soap that uses no fillers, no silicone, and won't strip your matte paint of its layer of protection.

Do not use wax, detail spray, armorall®, or any products made for normal paint. Use only products specifically developed for matte finish paint. Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds. Do not use mechanical cleaners or polishers. Do not use terrycloth, cloth, or paper towels. Do not rub the finish vigorously, this will burnish the paint finish, causing a permanent shiny spot. Shiny spots cannot be removed.

Do not use commercial car wash facilities or their shine enhancement products. Most car wash brushes, large mechanized "towels," and shine enhancement products can damage matte paint.

Remove foreign substances such as insect remains, tar, and road debris using a soft applicator and a mild solvent; saturate and soak area before cleaning—rub lightly.

Hand-wash with a soft wash mitt and mild cleaning product safe for matte paint. Use microfiber cleaning cloths with alcohol-based window cleaner for basic surface clean-up.

GLOSS BLACK FINISH

T-Rex Grilles with Gloss Black Powder Coated Finish may be washed regularly as you would when caring for your vehicles finish using soap and water. T-REX grilles should be waxed at the same time that you wax the vehicle. As a general rule, anything you use to clean your vehicles painted surfaces can be used to clean and maintain your T-REX grille. A Gloss powder Coated Finish can be cared for in the same fashion that you would care for your vehicles factory paint job. Never leave wet water spots as that may leave a blemish.