

# T-REX

## GRILLES



### X-METAL GRILLE

MAIN GRILLE INSERT #6711240 / #6711241

2016-2017 CHEVROLET SILVERADO 1500

#### PARTS INCLUDED

(1) X-Metal Grille - 2 Piece - Main Insert / Overlay

Insert / Overlay - Polished - Part #6711240 OR  
Insert / Overlay - Black - Part #6711241

#### HARDWARE INCLUDED

(14) - #8 Screws  
(14) - #8 Flat Nuts



HARDWARE FOR INSERT



HARDWARE FOR OVERLAY

#### TOOLS REQUIRED

- Drill
- 1/8" Drill Bit
- Screwdriver set (Phillips)
- Needle Nose Pliers
- Socket Set
- Ratchet Tool
- 1/2" Plastic Spatula

#### GRILLE REMOVAL & 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](mailto:tech@trexbillet.com) to verify fitment and assist with technical questions. All other inquires can be directed to [info@trexbillet.com](mailto: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.

##### STEP 1 FRONT BUMPER REMOVAL

1) Turn off engine and chalk tires with stop block. Open Hood. Disconnect Battery.

##### PRO TIP:

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

##### STEP 2

This Install Guide covers how to install the Grille as a Insert.

2) Begin by removing all of the hardware that secures the factory grille to the vehicle core support.

There should be the (3)



FIG 1

# X-METAL GRILLE

## GRILLE REMOVAL - CONTINUED

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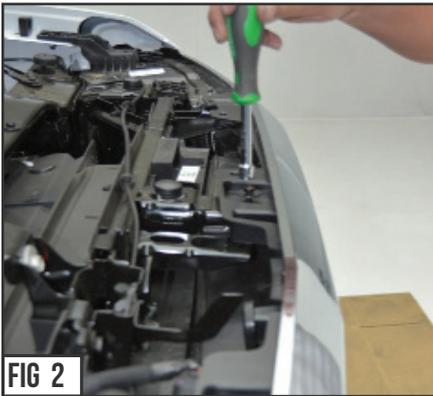


FIG 2



FIG 3



FIG 4



FIG 5

### STEP 3

SEE FIGURES 4 & 5

3) With the hardware removed the factory grille overlay is now ready to be un-installed off the vehicle.

Using both hands, grab the very bottom corners of each side and firmly pull on both sides. This action will pull loose the clips at bottom of grill and release the grille from the grille mounts. The Grille should now be free to pull away from truck.

### STEP 4

SEE FIGURES 5 - 9

4) Flip the grille assembly over and place on a flat cushioned surface or foam pad to begin disassembly.

### STEP 5

SEE FIGURES 6 - 9

5) It is now time to remove the radiator induction shroud.

Remove all the plastic push tabs that secures the shroud and set asides for later.



FIG 6



FIG 7



FIG 9



FIG 8

# X-METAL GRILLE

## GRILLE DISASSEMBLY - START

MAIN GRILLE INSERT #6711240 / #6711241  
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### STEP 6

SEE FIGURES 10 & 11

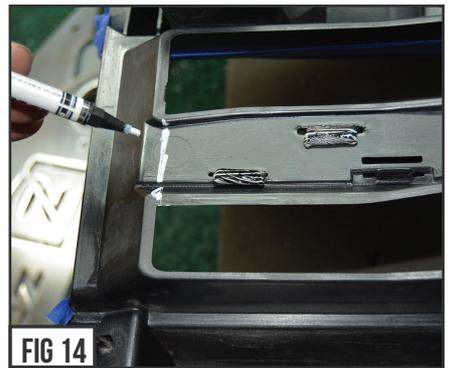
6) It is now time cut into the factory grille honeycomb pattern and separate the factory grille shell to re-purpose and utilize with your new T-REX Grille Insert.



### STEP 7

SEE FIGURES 10 & 11

7) Using a paint marker, create a marked cut line, that reflects the images here. You will remove the inner grille pattern area and leave the outer shell intact.



### CLOSE UP CUT LINE DETAIL



### STEP 8

SEE FIGURES 15 - 25

8) Using a 90 degree cutoff wheel, zip saw, sawzall or something similar, cut along the presented red line. At this point, check over your work and make certain your cut reflects the images presented here.



### STEP 9

SEE FIGURES 26 - 41

9) With the inner grille pattern cut free from the shell, you will want to clean off all remaining debris with a sanding disc and file down any rough edges.

With the Grille Shell cleaned down, you are now ready to mock up and put into place the new Grille Inserts.

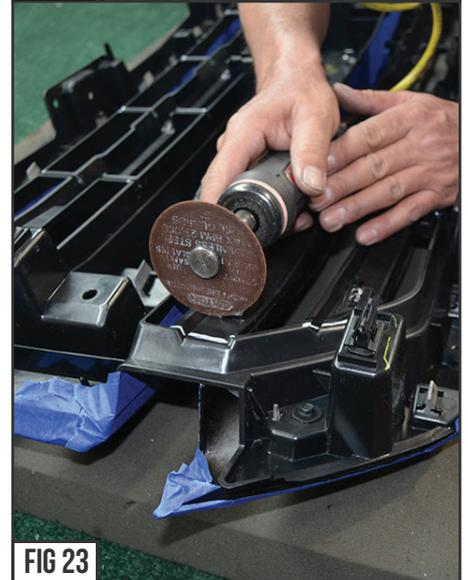
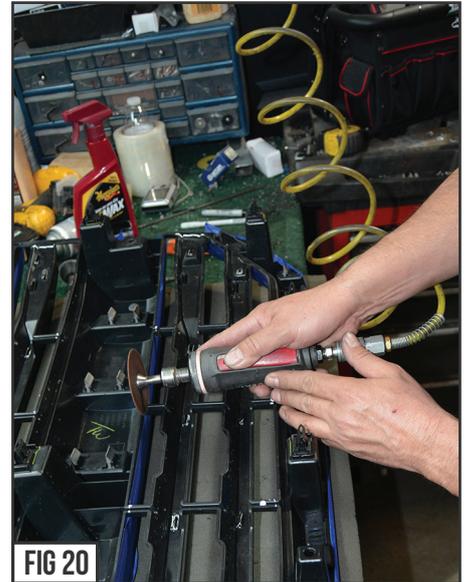


## GRILLE SHELL DISASSEMBLY CONTINUED

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GRILLE DISASSEMBLY - CONTINUED



GRILLE DISASSEMBLY - CONTINUED

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GRILLE DISASSEMBLY - CONTINUED

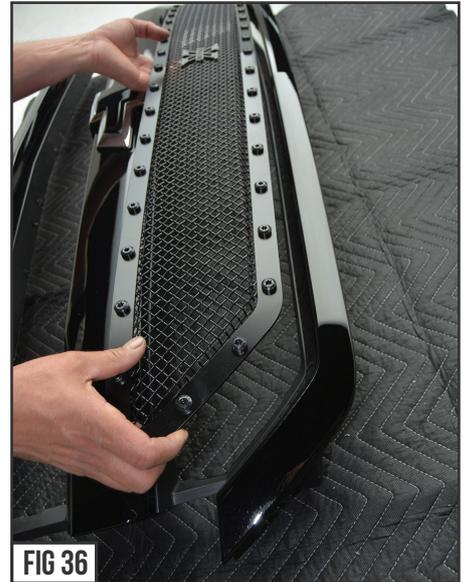


GRILLE DISASSEMBLY - CONTINUED

# X-METAL GRILLE

## GRILLE ASSEMBLY - START

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## GRILLE ASSEMBLY - CONTINUED

# X-METAL GRILLE

## GRILLE ASSEMBLY - CONTINUED

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### STEP 10

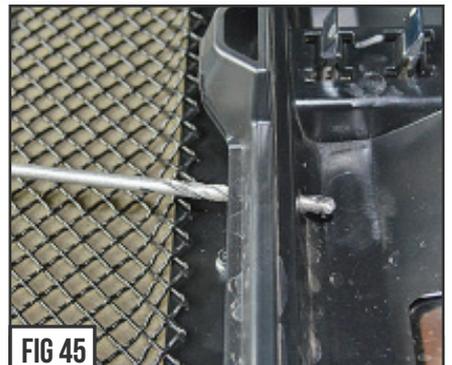
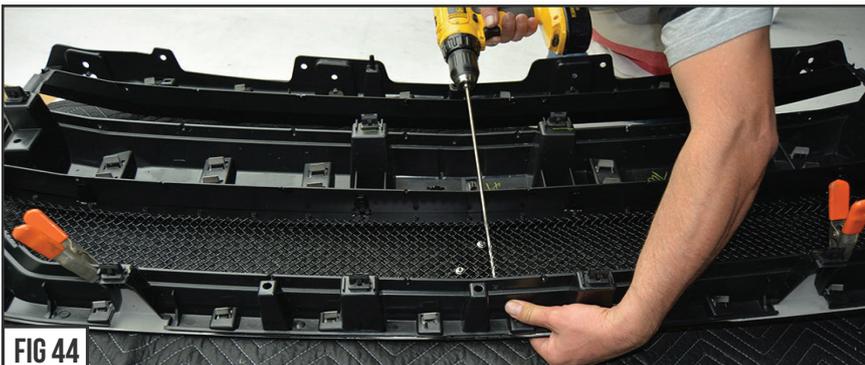
SEE FIGURES 42 & 43

10) This is the most critical step of the installation. With the grille inserts set in place with clamps, check one last time for proper and perfect alignment, position, and depth. Once you are satisfied with the fit, mate the grille to the factory shell piece.

### STEP 11

SEE FIGURE 43

11) Carefully align the t-rex grille so that it sits evenly aligned with the shell and clamp into place.



### STEP 12

SEE FIGURES 44-45

12) With your grille alignment placed and finalized, use the T-REX Grilles mounting tabs to determine your drill holes.

### STEP 13

SEE FIGURES 46 & 47

13) Using the provided screws, fasten and secure the T-REX Grille to the factory shell piece.



## SECURE HARDWARE

### STEP 14

SEE FIGURES 20 - 23

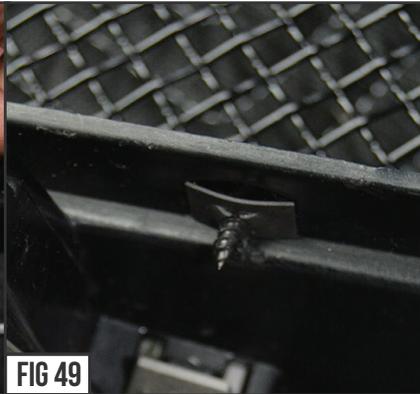
14) Using the provided Flat U Nuts, lock the screws and grille into place.

## GRILLE SHELL ASSEMBLY - CONTINUED

# X-METAL GRILLE

## GRILLE ASSEMBLY - CONTINUED

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### STEP 15

SEE FIGURES 48 & 49

15) With a Phillips Head Screw Driver and the provided Flat U Nuts, lock the screws and grille into place.

### STEP 16

SEE FIGURE 50

16) Repeat the grille insert installation process for the second grille insert piece.



### STEP 17

SEE FIGURES 50 - 52

17) Put the Grille Insert into its position. Line it up with the Grille Shell for proper fitment perfectly aligned, and clamp it into place.

### STEP 18

SEE FIGURES 53 - 55

18) Drill the necessary holes, insert the screws through the tabs and tighten down with the provided Flat U nuts.



## INSPECT YOUR WORK

### STEP 19

19) Before you begin re-assembly of your grille, inspect your grille insert installation.

## GRILLE SHELL ASSEMBLY CONTINUED

# X-METAL GRILLE

## GRILLE ASSEMBLY - CONTINUED

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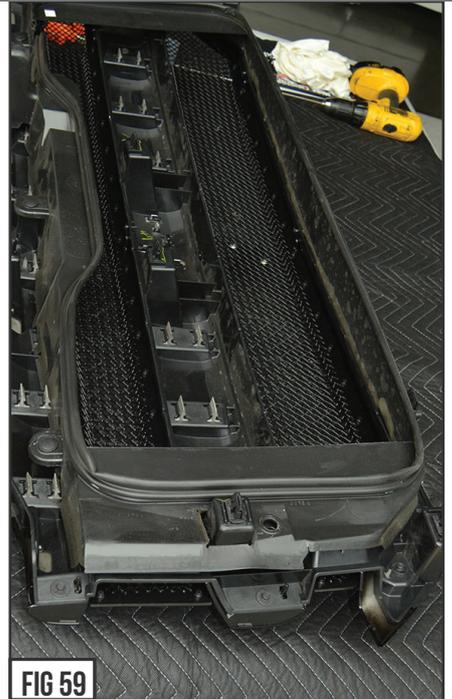
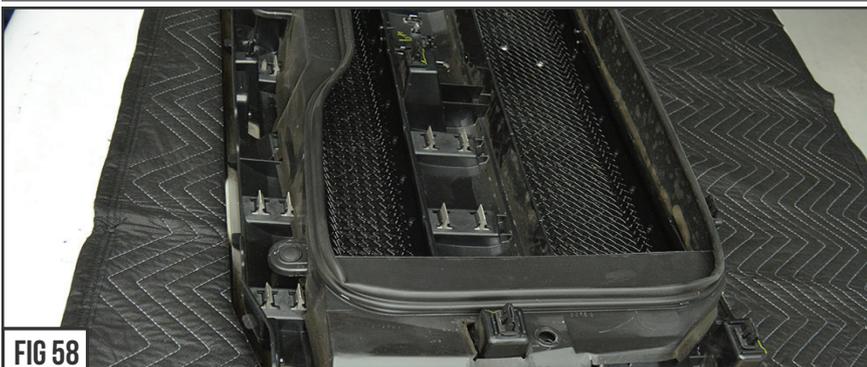
### STEP 20

SEE FIGURES 56 - 57

20) Using the reverse process of disassembly, re-assemble your grille with the removed radiator components starting with the radiator shroud.

### STEP 21

21) Double check your work and make sure everything is good and tight.



### STEP 22

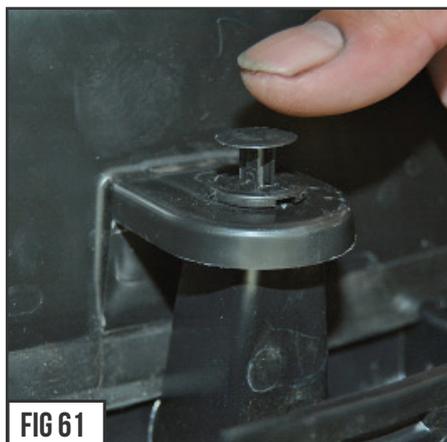
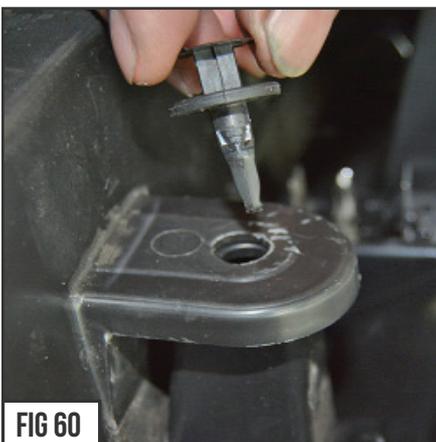
SEE FIGURES 58 - 59

22) Take the radiator induction shroud that was set aside earlier and align it over your new T-REX Grille assembly.

### STEP 23

SEE FIGURE 59

23) Line up the tabs and set it down in place.



## SECURE SHROUD TO GRILLE

### STEP 24

SEE FIGURES 60 & 61

24) Re-using the plastic push tabs that were set aside during the grille disassembly, re-insert them into their mounting points which will fully secure the radiator induction shroud to the factory grille shell and complete T-REX grille assembly .

## GRILLE SHELL ASSEMBLY CONTINUED

# X-METAL GRILLE

## GRILLE INSTALLATION - START

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### STEP 25

SEE FIGURES 62 & 63

25) Take the grille assembly and carefully put it back into position on the nose of the vehicle and insert it onto and over its mount.

### STEP 26

SEE FIGURES 64 & 65

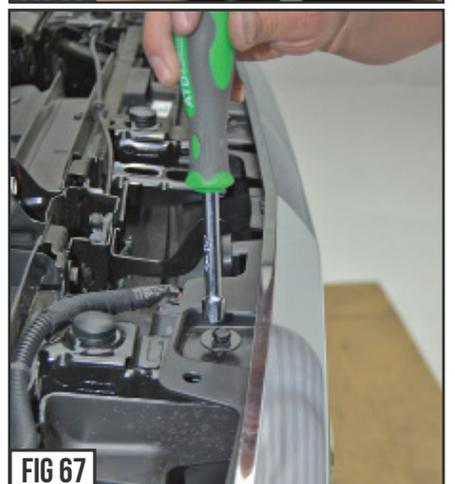
26) Give it a firm push in the lower bottom corners till it snaps. This will confirm that it has been installed properly.



### STEP 27

SEE FIGURES 66 - 67

27) Re-install all the removed hardware that secures the factory grille to the vehicle core support. .



## GRILLE INSTALLATION - COMPLETE

# X-METAL GRILLE

## INSPECT YOUR WORK

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### STEP 28

28) Check over your work for hardware tightness and visual inspection.

### STEP 29

SEE FIGURES 68 - 70

29) 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 remove grille and loosen the hardware mounts and shift side to side or up & down to achieve proper look.

## GRILLE INSTALL - COMPLETE





## 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](http://www.trexbilliet.com).

## GRILLE CARE INFORMATION

### GRILLE CARE INFORMATION

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.