

T-REX

GRILLES



TORCH-AL SERIES GRILLE

MAIN GRILLE - #6315495, # 6315493, # 6315491

2017 F-250 / F-350 / SUPER DUTY

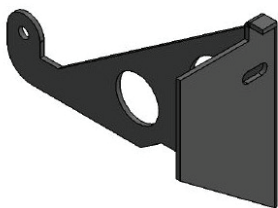
PARTS INCLUDED

(1) Torch-AL Grille Assembly
Main Part #6315491 or

(1) Torch-AL Grille Assembly
Main Part #6315493 or

(1) Torch-AL Grille Assembly
Main Part #6315495

(1) Horn Relocation Bracket



HARDWARE INCLUDED

Installs using OEM Factory Grille Hardware

TOOLS REQUIRED

- Screwdriver set (Long Flat Head)
- Metric Socket Set
- Ratchet Tool
- 1/2" Plastic Spatula Prying Tool
- Hack Saw or 90 Cut off Wheel
- Pocket Knife

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 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.

STEP 1 FRONT BUMPER REMOVAL

- 1) Turn off engine and chock tires with stop block. Open Hood.

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.



FIG 1

STEP 2

SEE FIGURE 1 & 2

- 2) Identify & locate plastic push fasteners on top of shroud. Carefully pry off to remove fasteners and then set aside for reinstallation later.

STEP 3

- 3) Remove plastic shroud and then set aside for reinstallation later.

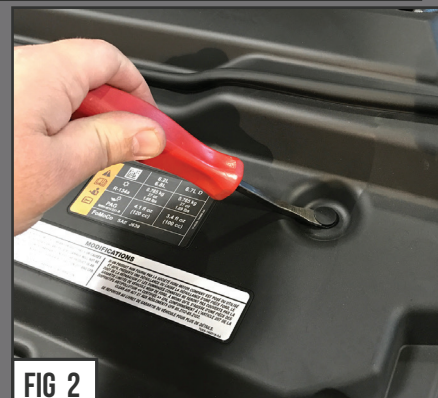


FIG 2

TORCH-AL SERIES GRILLE

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GRILLE REMOVAL - CONTINUED

STEP 4

SEE FIGURES 3 & 4

4) Unbolt the (8) screws that secure the factory grille along the top plate. Set aside Bolts for re-installation later.



FIG 4

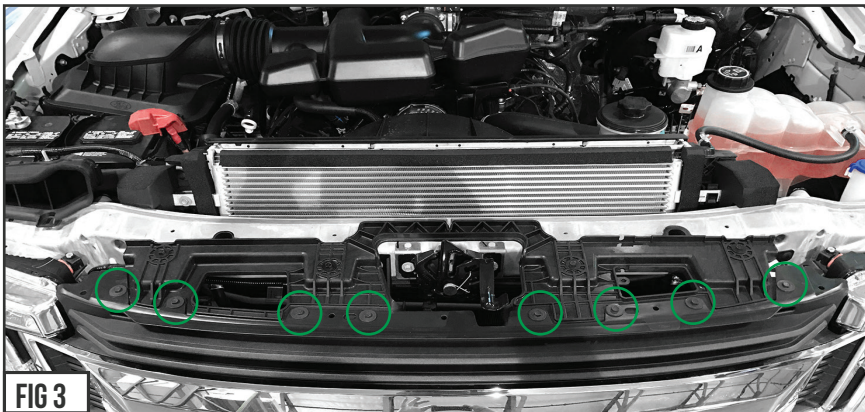


FIG 3



FIG 5

STEP 5

SEE FIGURES 5 & 6

5) Carefully pull back on the grille so you can access the (4) Retainer Clips that fasten along the bottom edge of the factory grille.

You will need to press down with a long pry tool on top edge of cup to release. (Figure #6)



FIG 6

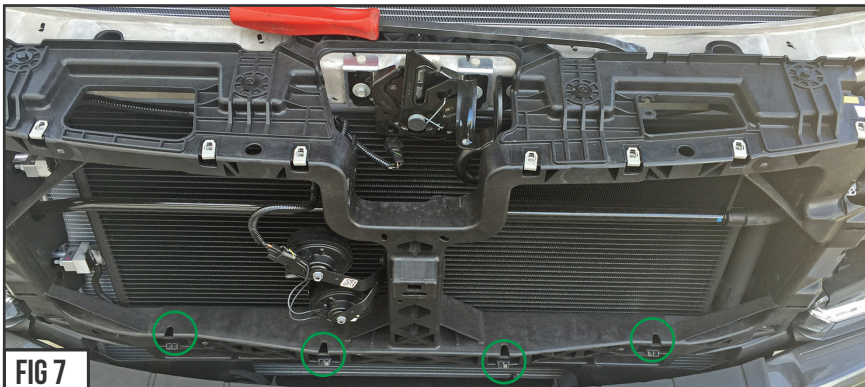


FIG 7

Note the location of the where the Factory Grille is fastened to the vehicle's core support.

SEE FIGURE 7

STEPS 6 - 8

- 6) The OEM Factory Grille should now be free and removed from the front of the vehicle.
- 7) Set factory grille aside and prepare to install your new T-REX Grille.
- 8) Remove the lower Retainer Clips from the OE Assembly and prepare to install the clips on the new T-REX Grille.

NOTE OF INTEREST

Your vehicle may feature a forward facing camera or adaptive cruise control.

This is an option on some models and will need to be disconnected before grille is removed.



FIG 8

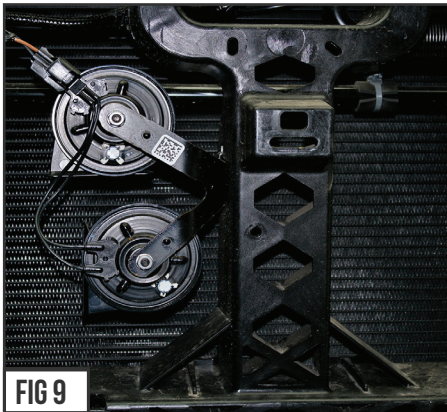
GRILLE REMOVAL PROCESS COMPLETE

TORCH-AL SERIES GRILLE

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HORN RELOCATION - START



STEP 9

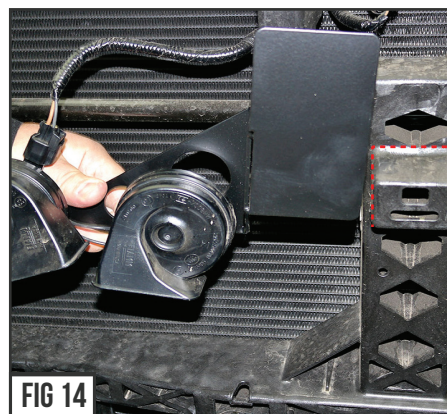
SEE FIGURES 9 - 11

9) Unplug, unbolt and remove the factory horn from the horn bracket.

STEP 10

SEE FIGURES 12

10) With the Horns removed, unbolt the horn bracket from the vehicle's core support structure.



CUT FLUSH & REMOVE

STEP 11

11) Note the T-REX Horn Relocation Bracket orientation in Figure #14 and the protruding core support pad that is in the way of the new bracket. This will need to be cut down and removed.

We recommend using a 90 degree abrasive cutoff wheel, or a hack saw would also work just fine. Once that obstruction is cut down, it should be sanded down till flush.

STEP 10

SEE FIGURES 13 & 14

10) Take the supplied T-REX Horn Relocation Bracket and assemble the factory horns to new bracket as seen in Figures #13 & #14.

STEP 12

12) Now you can mount up and bolt into place the T-REX Horn Relocation Bracket using the OEM Hardware from the original bracket.



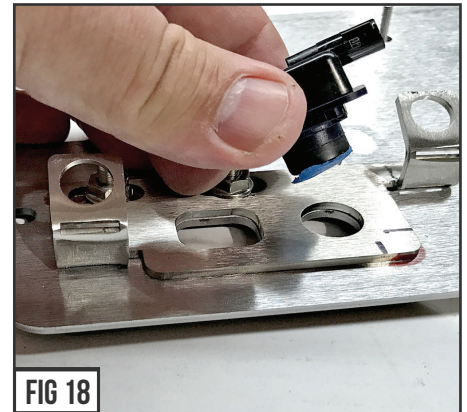
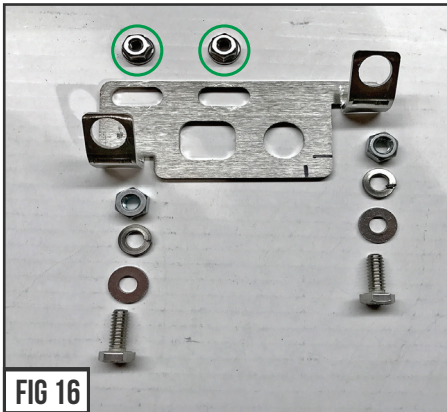
HORN RELATION PROCESS COMPLETE

TORCH-AL SERIES GRILLE

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CAMERA INSTALL - START



STEP 13

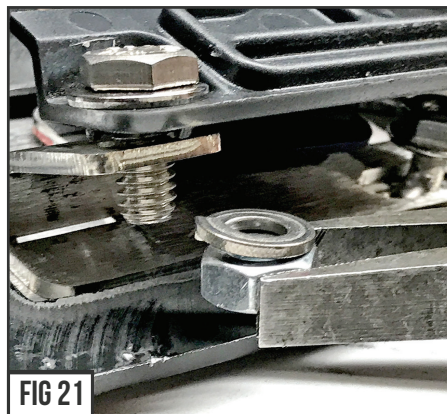
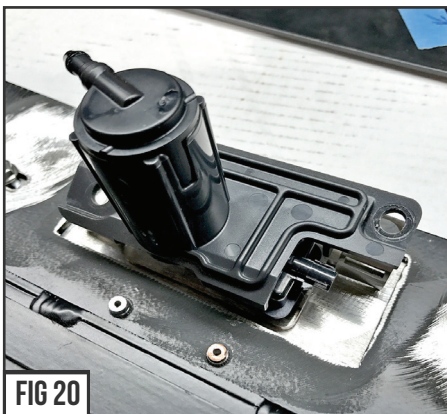
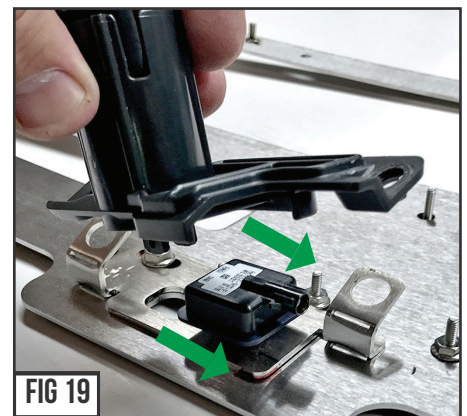
SEE FIGURES 16 - 17

13) Sort out and arrange the Forward Facing Camera Bracket Mount and Bracket Mounting Hardware as seen in Figure #16. Place Bracket into position and secure it in place with the flange nuts as seen in Figure #17. Align Mounting Bracket so that both holes are center aligned with the grille hole openings.

STEP 14

SEE FIGURES 18 - 19

14) After removing OEM Forward Facing Camera and related components from vehicle's factory grille, place masking tape over Camera Lens and put into position behind grille so that the lens power plugs points away from the washer component.



STEP 15

SEE FIGURES 19 - 21

15) Take the OEM Washer Component and put it into position so that it mates up to the T-REX provided Mounting Bracket tabs. It can only mount one way. Secure it in place with the provided Hex Bolt, Washer, Lock Washer, and Nut.

STEP 16

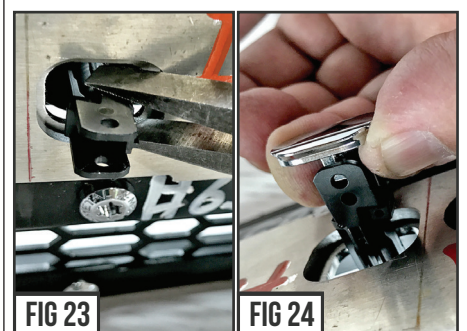
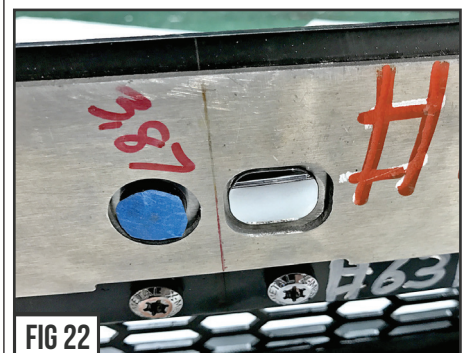
16) To complete the install for the Forward Facing Camera and Washer Component, pull the washer actuator arm through to the front face of the grill and slip the OEM Washer Face Plate back on to the Washer's Actuator Arm.

WASHER COMPONENT INSTALL

STEP 17

INSTALLERS NOTICE

17) Before you move onto the next page, note that to complete the Forward Facing Camera & Washer installation, you will need to hook up the power line and water line before grille is installed onto the vehicle.



CAMERA INSTALL PROCESS COMPLETE

TORCH-AL SERIES GRILLE

GRILLE ASSEMBLY

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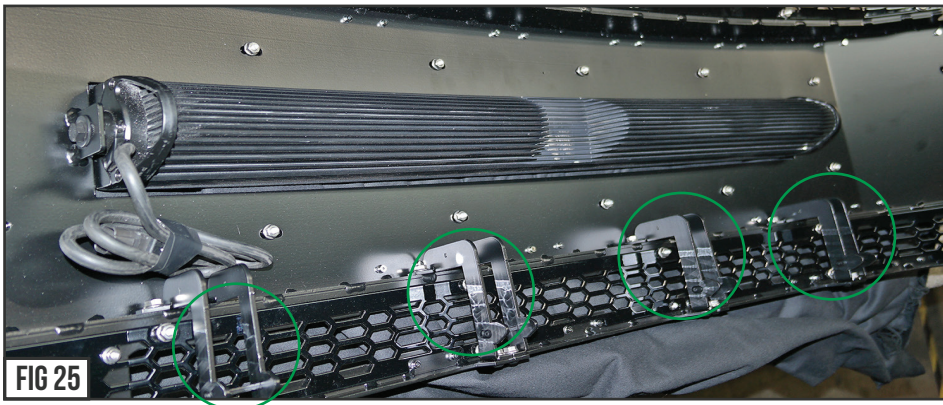


FIG 25



FIG 26

STEP 18

SEE FIGURE 25

18) With the new T-REX Grille Assembly placed face down on a flat cushioned surface. Note the T-REX Grille's Lower Mounting Brackets with four provisions that will locate and properly position the Retainer Clip Mounting Hardware.



STEP 19

SEE FIGURE 26

19) Press the Retainer Clips into position according to Figure #10 so the clip sits on grille mounting bracket and the spring side points up towards the top.

Press firmly into position until it stops at the end of the clip.

GRILLE INSTALL - START



FIG 27



FIG 28



FIG 29

STEP 20

SEE FIGURE 27

20) The T-REX Grille is now ready to reinstall on vehicle. Match it up to factory mounting points and reinstall in the reverse order that the grille was removed. Start by aligning and pressing the (4) Retainer Mounting Clips back and up towards the vehicle so that latch band secure the grille in place.

STEP 21

SEE FIGURES 28 - 29

21) Push the grille up into place so that the Top Mounting Plate aligns into position and re-install the (8) factory bolts that were removed in Step #4.

Press grille back for hood clearance and adjust forward after checking hood alignment.

STEP 22

22) Place plastic radiator shroud cover over core support making sure the cold air intake lip is overlapped on top of the shroud. Align the factory mounting holes and use the plastic clips to secure and fasten in position.

INSPECT FOR ALIGNMENT

STEP 23

SEE FIGURE 30

23) 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 top mounts and shift side to side for even gaps.



FIG 30

INSTALLATION 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, in-line 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.trexbillet.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.