



2019-2021 GMC SIERRA 1500

REPLACEMENT INSERT INSTRUCTIONS

MAIN GRILLE PN#: 20213(B),20214(B),7312281(-BR),7712281(-BR),7712280,7712281,7312281(-BR)

PARTS INCLUDED

Main Grille

- Grille Insert
- Installation Hardware

OEM Logo Mounting Plate (#20214 and 20214B)

- Logo Plate
- Installation Hardware

TOOLS REQUIRED

- Prying Tool
- Screw Drivers
- Socket Set
- Wrench Set
- Ratchet Tool
- Ratchet Extensions
- Drill & Drill Bit Set

INSTALLATION GUIDE

PLEASE READ AND UNDERSTAND THE INSTALLATION INSTRUCTIONS - PROFESSIONAL INSTALLATION RECOMMENDED

Vehicle manufacturers offer several trim levels and sub models. Please make sure your vehicle application is correct prior to the installation.

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

START HERE

Set parking brake, disconnect negative battery terminal.

INSTALLERS NOTE:

Professional installation recommended.

1) Begin by removing the plastic core support cover shroud.

There will be a number of Plastic "Push Rivets" that secure the cover.

Remove and set aside for re-installation.

Remove Cover and set aside. Fig. 1 and 2.

PRO TIP:

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

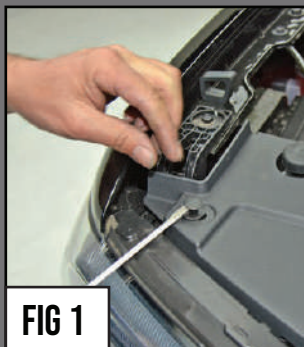


FIG 1

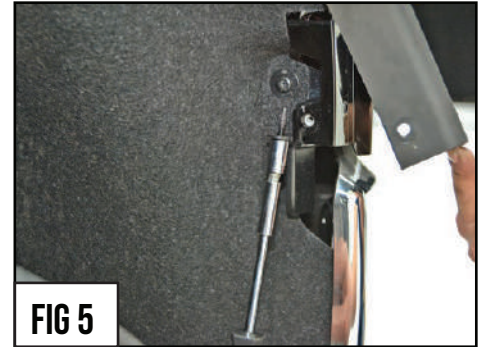
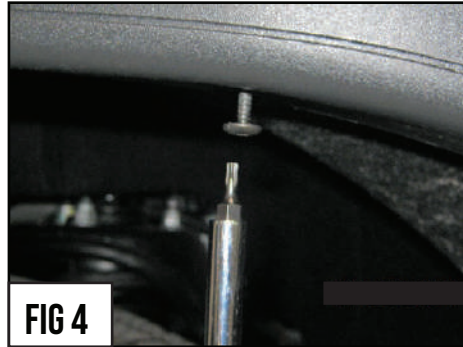


FIG 2

T-REX

GRILLES

FASCIA REMOVAL



2) Remove the factory hardware that secures the grille assembly to the top of the core support. Fig. 3.

3) It is now time to loosen the vehicle wheel well fender trim. Start at the top middle, and working your way towards the very front of the fender trim where it meets the front bumper, use a torq bit to remove screws. With the front half fender trim loose and pulled out of the way, (as seen in Fig. 5) you can access the additional hardware that secures the plastic lower bumper valance. Remove these bolts and set aside all hardware for re-installation. Fig 4 and 5.

4) Remove the vehicles fascia located directly above the front bumper, below the grille. Pull out the fascia away from where it meets the front fender. You will need to unfasten several tabs that latch the whole piece from under and behind bumper and underneath headlights. Fig 7 and 8.



FASCIA REMOVAL - CONTINUED

T-REX

GRILLES

FASCIA REMOVAL - CONTINUED

5) With the fascia removed you can now access several bolts at the bottom below the grille lip and above the vehicle bumper and also located (2) more at the lower corners. Remove all hardware that attaches the grille assembly to vehicle. Fig. 9 and 10.

6) Using both hands, remove the bottom corners of each side of the grille. This will release the grille from the vehicle and allow you to remove it from the core support. Fig. 11.

7) Flip the grille assembly over and place on a flat cushioned surface or foam pad.



FIG 9



FIG 10



FIG 11

T-REX

GRILLES

MAIN GRILLE INSERT INSTALLATION

8) From the grille backside, locate and mark the cutting path using a paint pen as shown in Fig. 12.

9) Place the grille on a protected work surface and begin the cutting process to remove the factory grille black plastic pattern

10) From the grilles backside, using a cutoff wheel or similar, carefully cut along the marked line. Fig 13.

MAKE SURE NOT TO CUT INTO THE CHROME TRIM ON THE OPPOSITE SIDE OF THE TOOL PATH



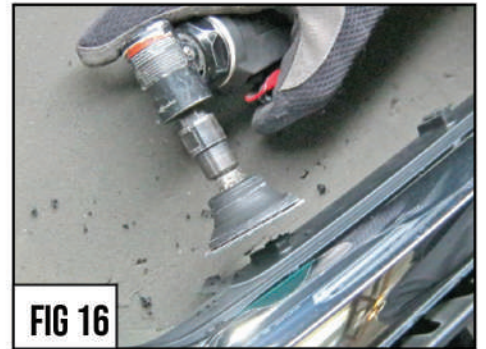
T-REX

GRILLES

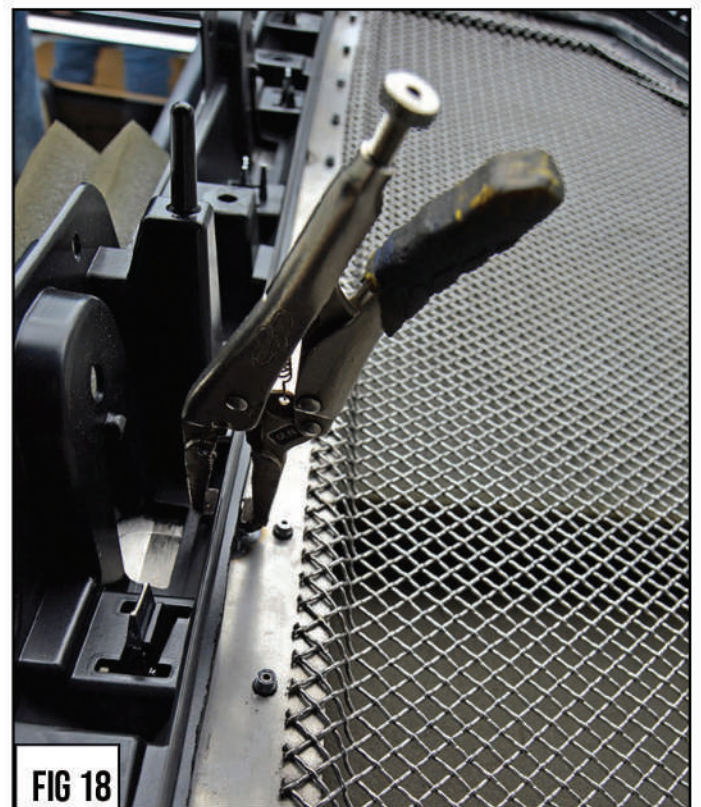
GRILLE DISSASSEMBLY - CONTINUED

11) Remove the factory insert from the grille as shown in Fig 14

12) Deburr and remove sharp edges along the perimeter of the grille opening. Fig 15-16.



13) Using a clamp, fix the supplied T-Rex Grille insert into the opening. The front facing surface of the grille should be close to flush with the front of the OEM grille surface. Fig 17-18.

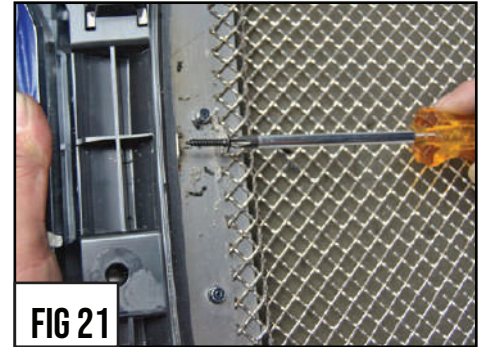
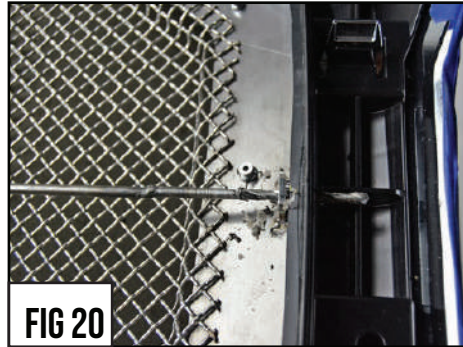


GRILLE ASSEMBLY - CONTINUED

T-REX

GRILLES

GRILLE ASSEMBLY - CONTINUED



14) Once satisfied with the alignment and fitment and with the grille insert positioning, drill a 1/8" hole for each of the pre-fixed grille mounting tabs. Fig. 19-20.

15) Install the provided #8 Screws into each hole drilled, slide on flat nut and tighten down. Fig 21.

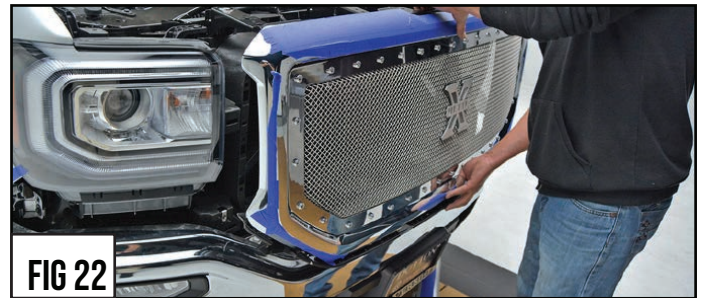
16) If you purchased Part Number 20214 or 20214B proceed to the section below GMC BADGE MOUNTING. If any other part number continue to Step 17.

17) If you purchased a grille with an LED light attach the light to the grille (Zroadz Only) Connect the LED wire harness to the light and route the wire away from the radiator and secure the wire to the core support towards the battery.

18) Re-Install the complete grille assembly to the vehicle in the reverse order it was removed. Fig. 22. Re- install fascia, inner fender liners, wheel moldings and fasteners.

19) Install the switch into the cab and connect the power leads for LED grilles to the battery.

20) This concludes the installation process.



GMC BADGE MOUNTING

- 1) Remove the OEM logo from the factory grille. Careful not to break any of the tabs.
- 2) Using a cutting device trim half of the tab on the OEM logo that interferes with the horizontal bars. Do not remove the tab. Check to make sure the logo plate fits flush against the grille.
- 3) Install the OEM logo to the supplied logo mounting plate. Secure the letters to the mounting plate with the supplied push clips.
- 4) Install the OEM logo and mounting plate to the grille. Center in the grille opening as shown and secure the (2) #10 studs with fender washers and flange lock nuts.

GRILLE INSALLATION - COMPLETE



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 vehicle specific "Plug & Play" product and does not eliminate the need for a professional installation.

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.