

T-REX

GRILLES



UPPER CLASS MAIN GRILLE

MAIN GRILLE - #54941 / 51941

2016 TOYOTA TACOMA

PARTS INCLUDED

(1) Upper Class Grille - Main

- Polished
- Part #54941
- Black
- Part #51941

HARDWARE INCLUDED

- (8) - Fender Washers
(Stainless Steel - Black Coated)
- (10) - 6-32 Nylon Lock Nuts
- (2) - #10 Flat Washers
- (2) - Rubber Hose Gap Fitters
- (1) - Logo Backing Plate

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

STEP 1 FRONT BUMPER REMOVAL

- 1) Turn off engine and chalk 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

- 2) With the hood open, near the main head lamps, identify and remove (2) plastic push pins. (Fig 2)



FIG 2

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GRILLE REMOVAL - CONTINUED



FIG 3

STEP 3

SEE FIGURE 4

3) Identify and remove (2) 10mm bolts. (Fig 2-3)



FIG 4



FIG 5

STEP 6

SEE FIGURE 5

6) Using both hands firmly grasp the grille and with a firm tug on both sides will release clips at bottom of grill. The Grille should now be free to pull away from truck.

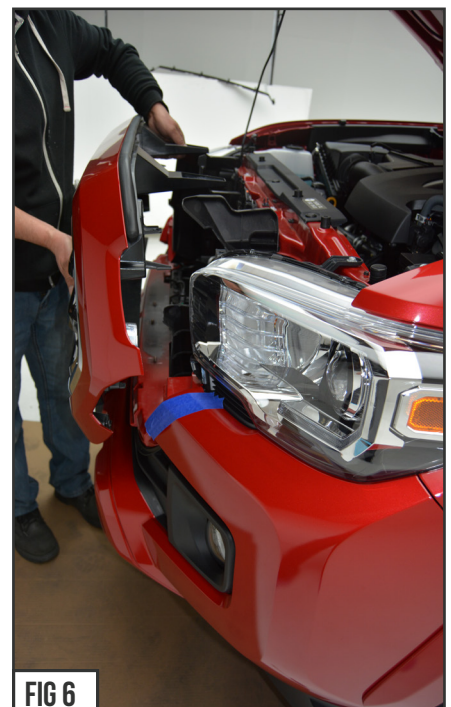


FIG 6

GRILLE SHELL REMOVAL PROCESS CONTINUED

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GRILLE DISASSEMBLY - START



STEP 7

SEE FIGURE 7

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

STEP 8

SEE FIGURE 8

8) Use Phillips head screwdriver to remove (9) #8 screws located around the grille assembly perimeter that secures the inner shell to outer shell.

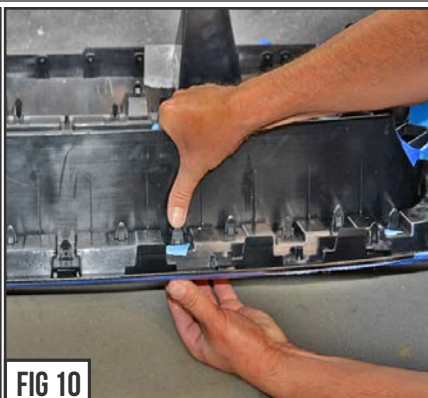


FIG 9

FIG 10

FIG 11

STEP 9

SEE FIGURES 9 - 11

9) At this point you to remove the inner shell liner that holds and secures the main factory grille in the grille assembly.

INNER GRILLE SHELL LIP REMOVED



FIG 12



FIG 13



FIG 14

STEP 10

SEE FIGURE 9

10) Using a pair of broad nose pliers and press the grille locking tabs so that you will release the inner shell lip guard.

STEPS 11

SEE FIGURES 10

11) You may need to manually press the tabs to completely free the inner shell.

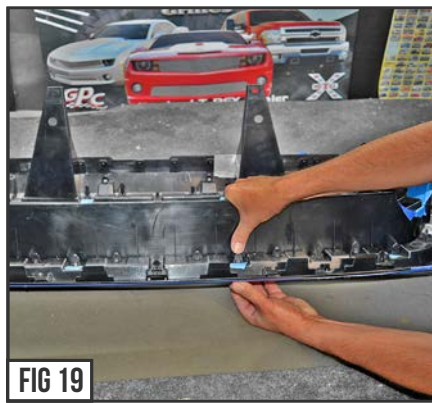
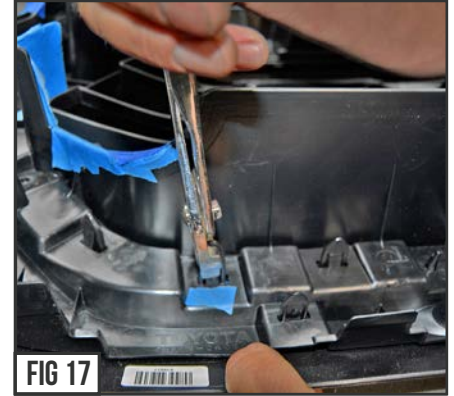
GRILLE SHELL DISASSEMBLY PROCESS CONTINUED

UPPER CLASS MAIN GRILLE

MAIN GRILLE - #54941 / 51941

2016 TOYOTA TACOMA

GRILLE DISASSEMBLY - CONTINUED



STEP 12

SEE FIGURES 15-20

12) At this point you will need to remove the main factory grille from the complete grille assembly. Using the same technique as before, pinch the tabs and manually press them through the pre-arranged hole.

MAIN GRILLE REMOVAL & SEPARATION

STEP 13

SEE FIGURE 21 - 24

13) The Main grille should now be free from the grille assembly and can be pulled forward and set aside.



UPPER CLASS MAIN GRILLE

GRILLE ASSEMBLY- START

MAIN GRILLE - #54941 / 51941

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FIG 24

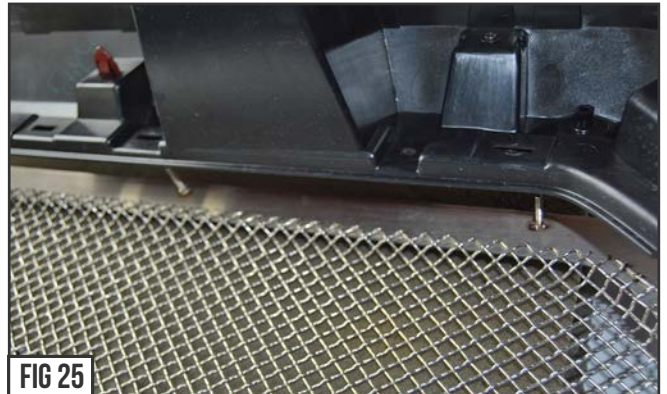


FIG 25

STEP 14 MAIN GRILLE - INSTALLATION

SEE FIGURE 24

15) Take your new T-REX Replacement Grille Insert and place, face down, on the soft cushioned foam pad.



STEP 15

SEE FIGURES 24 - 25

16) Take your grille shell assembly and place over and down on the T-REX Replacement Grille so that the grille's threaded mounting studs will align and insert into their designated holes.



FIG 26



FIG 27

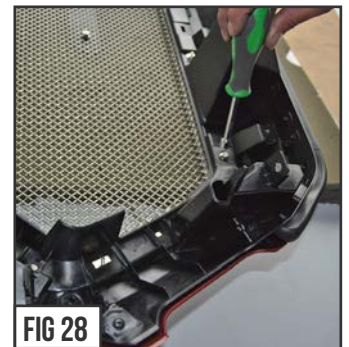


FIG 28

STEPS 16 & 17

SEE FIGURES 26-28

16) The T-REX Replacement Grille is now ready to be secured and fastened to factory grille shell assembly. Using an 8MM Nut driver, socket, or wrench and the provided (10) 6-32 Nylon Lock Nuts, tighten and secure the grille insert to the factory grille assembly.

17) Secure the grille by first inserting a screw into the top middle tab bracket and tighten down loosely. Inspect and align all gaps between grille and grille shell.

GRILLE INSTALL- START

STEPS 18 - 20

SEE OPTIONAL BADGE INSTALL

18) Re-install the grille assembly in the reverse order that it was removed from the vehicle.
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.
20) Check over your work for hardware tightness and visual inspection.



FIG 29

GRILLE INSTALL- COMPLETE

UPPER CLASS MAIN GRILLE

BADGE INSTALL- START

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2016 TOYOTA TACOMA



STEP 1 LOGO BADGE - REMOVAL

SEE FIGURES 33 - 35

1) Take your factory grille that was set aside later, and identify the badge mounting points where it fixes to the shell.

STEP 2

SEE FIGURE 34

2) Using a wedge, carefully pry the plastic mounting legs off their perch and remove the logo badge from the grille shell.



FIG 33



FIG 34

STEP 3

SEE FIGURE 36-37

3) Place the factory logo badge on the provided logo badge backing plate. Fix the (3) rubber hose gap fitters to the plastic mounting legs.



FIG 35



FIG 36

STEPS 4

SEE FIGURES 38-39

4) Take the assembled logo badge and backing plate and mount and mate it to the T-Rex Replacement Grille where the logo badge depression locates the mounts. Use the provided nuts and tighten down on the backing plate mounting post.

FINAL GRILLE INSTALL STEPS

Check over your work for hardware tightness and visual inspection. Re-install the grille assembly in the reverse order that it was removed from the vehicle. 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.

GRILLE INSTALL- COMPLETE