

IMPORTANT: PLEASE KEEP THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE !

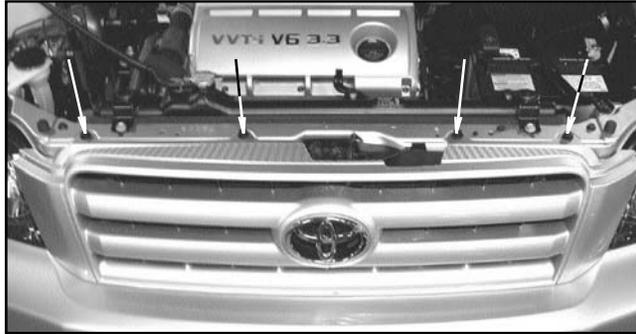


2001-07 Toyota Highlander
"Z" Grille
Part # 1297-0185-010
 H 29 G5

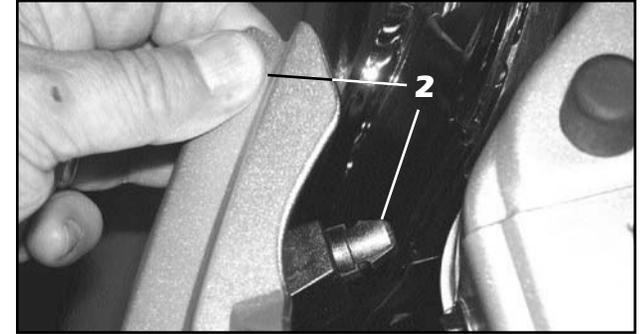
Quantity	Description	Part No.
1	"O" Grille	1297-0184-010
1	Hardware Kit (includes)	1297-0182-010
6	8-32 ESNA Half Nuts	1999-0065-00
3	Black Plastic Washers	1999-0256-00
50"	1727 1/4" x 3/8" SC Urethane Tape	7999-1258-00
3	Upper Mounting Brackets	1297-0158-010

CAUTION!

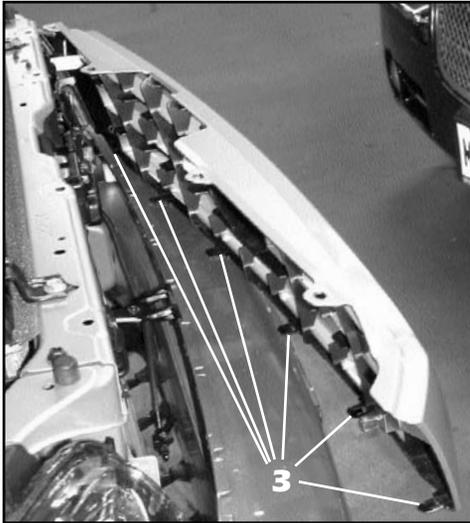
Be careful while cleaning the fins as the edges of the stainless steel can be very sharp.



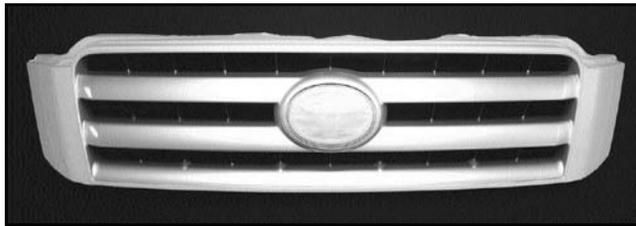
1. Open the hood and remove the push fasteners retaining top of the factory grille (see arrows).



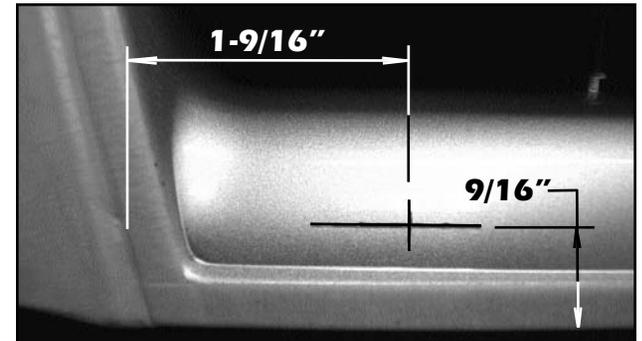
2. Pull straight out on the sides of the factory grille to release the side mounting clips.



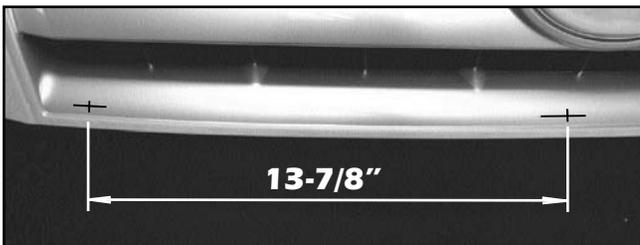
3. Pull up on the centers of the lower mounting clips and push the factory grille out to remove.



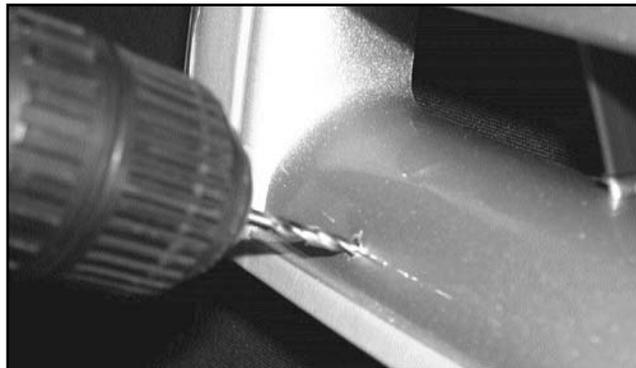
4. Make sure to masking tape around the factory emblem and the grille opening to protect the painted surfaces that will not be covered by the "Z" grille.



5. Measure up from the bottom of the grille 9/16" (.5625") and over 1-5/8" (1.6250") and mark the end lower stud mounting holes (one each side).



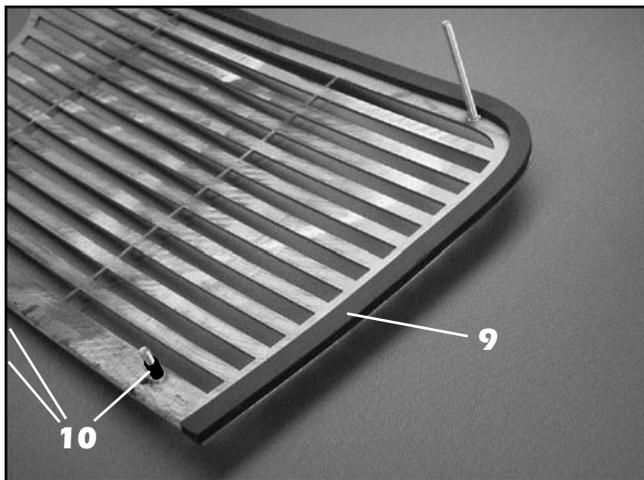
6. Measure up from the bottom of the grille 9/16" (.5625") and over 13-7/8" (13.8750") from the mark made on the passenger side of the factory grille and mark the center lower stud mounting hole.



7. Use a 1/8" drill bit to drill through the marks made in Steps 5 & 6. Enlarge the holes to 7/32".



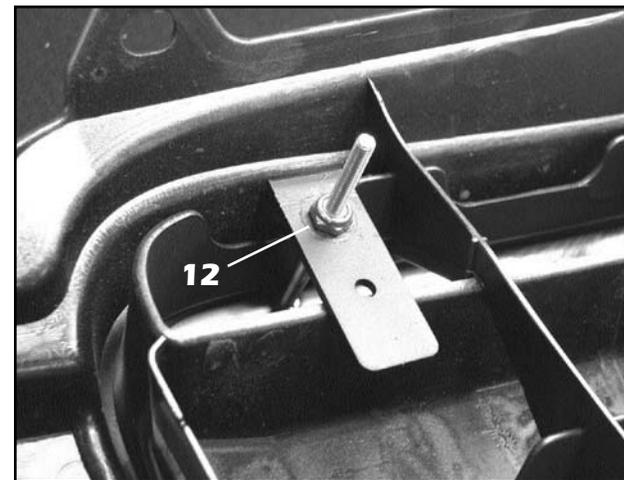
8. Thoroughly scuff the exposed surfaces of the factory grille with a scotch brite pad or 360 grit sandpaper until the gloss is removed. Use a satin black paint to paint the existing grille opening to conceal it after the "Z" grille is installed.



9. Install the supplied foam tape around the top and sides of the "Z" grille as shown.
10. Trim the tips from the supplied stud protectors and install them onto the lower studs to conceal them from view.



11. Align the E&G grille onto the grille making sure that the three (3) mounting studs align with the holes drilled in Step 0. Install the supplied black plastic washers and 8-32 ESNA half nuts to secure the bottom edge of the grille (do not overtighten).



12. Align the upper mounting brackets over the mounting studs and install the supplied 8-32 ESNA half nuts and tighten until the foam contacts the factory grille frame.



13. Reinstall the assembled "Z" grille back onto the vehicle to finish.