

T-REX

Billet Grilles

54990

2006-2007

MINI COOPER

54990

2006-20007

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UPPER CLASS SERIES MESH GRILLE

Tools Required:

10mm Socket or Wrench
8mm Socket or Wrench
1/4 Drill Bit
Drill
Cut off Saw
File

Part List:

2	Upper Class Series Grilles	1	Lower Bumper Grille
2	Upper Class Series Hood Vents	2	Side Badges
21	6-32 Nylon Lock Nuts	5	1/2" L Bracket
21	#6 Flat Washers	4	Plastic Clips
4	1/2 x 1 Flange Bracket	2	2" Flange Bracket

Read and understand instructions before attempting installation

Step 1

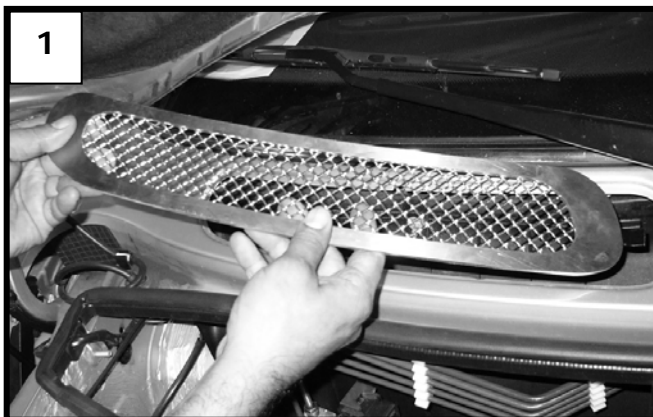
Open the hood; from behind the stock grill remove eleven 10mm metal nuts. Remove the stock grill. With the hood open; pull the topside of the hood vent toward the engine and lift upward. Remove hood vent. Repeat on opposite side.

Step 2

For best results; clean the area behind the grill and mask around the grill opening to avoid over spray. Paint the opening using either a flat or semi gloss black paint. After it's dry open the hood and insert your new grill. Install a #10 flat washer and 6-32 nylon lock nut on each of the studs; do not tighten the hardware yet. Lightly close the hood and adjust the grill if needed then tighten the hardware.

Step 3

Install (1) Flange bracket, #10 flat washer & 6-32 nylon lock nut onto the inside stud. Next insert the Hood Vent by sliding the end with the bracket installed and position the opposite end in **(1)**. Install the other Flange bracket, washer and nut on the other stud then adjust and tighten the hardware. Repeat this process on the other side.



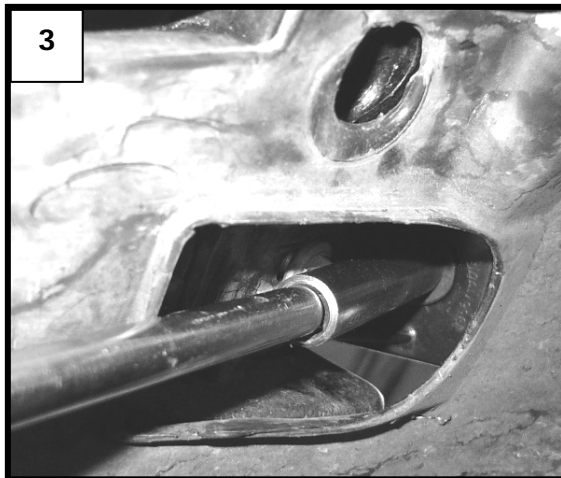
Step 4

Using a Jig Saw or Die Grinder cut out the horizontal rib from the bumper cover at each end of the large opening then cut out the raised plastic following the contour and use a file to blend the cutter marks **(2)**.



Step 5

From the top of the bumper cover remove (2) torque screws, (1) at each end. From each wheel well remove (1) plastic clip and (1) 8mm bolt threaded upward into the bumper cover **(3)**. From under the bumper cover remove (3) 10mm Bolts from the center and (2) Phillips Screws (1) at each end **(4)**. Next unplug (2) plugs from each Fog lamp and (1) plug from each Side lamp and remove the bumper cover. Pop the top bumper chrome trim ring and discard. Insert your new Stainless Steel Top Plate and install (1) ½" 'L' Bracket, #10 Flat Washer and 6-32 Nylon Lock Nut on the center stud and (1) #10 Flat Washer and 6-32 nylon lock nuts on the studs at each end. Next insert your new Mesh Bumper and install (4) ½" 'L' Brackets, #10 Flat Washers and 6-32 Nylon Lock Nuts on the center studs. Next install (2) 2" Flange Brackets, #10 Flat Washers and 6-32 Nylon Lock Nuts on the 2 outer studs, adjust the bumper if needed and tighten the hardware. Re-install your bumper back onto the vehicle.



Step 6

Remove your side indicator lights by pulling on front side then releasing the back clip. Unclip the light from the harness and remove. Install the provided plastic clips into the two open holes **(5)**. Locate the brownish backing plate for the side markers. Align the new plate with the backing plate to find the proper location to drill two holes to allow the studs to protrude through. Place a nylon lock nut on each stud and tighten. Place the old marker lights into the new light side marker plate **(6)**. Reconnect the light to the wire harness. Align the studs into the plastic retainers and apply pressure to clip in place.

Thank you for purchasing a T-Rex Billet Grille. 6/30/06

