

20473



05-07 DODGE

MAGNUM

BILLET INSERT

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Tools Required:

Slotted screwdriver
7mm & 10mm Sockets / Ratchet
Drill & 1/8" Drill Bit
Small Hammer and 1/16" Punch
Wire Cutters

Hardware:

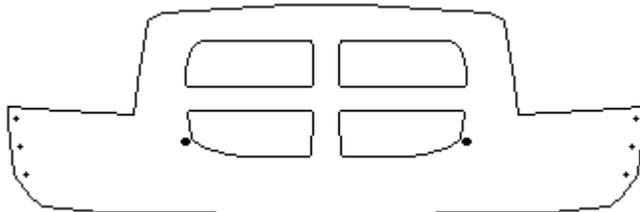
1 Billet Insert (9, 10 bars) Drivers Side
1 Billet Insert (9, 10 bars) Passenger Side
8 #8 x 3/4 Phillips Screws
4 #8 Flat Nuts
6 Plastic Push-In Fastener

Read and understand instructions before attempting installation

Step 1



It will be necessary to remove the bumper cover to install the billet inserts. First remove the six push in fasteners along the top of the bumper cover (just in front of the radiator core support). Next, remove the two-piece plastic cover in front of the radiator support. Three press-in clips secure them in place. Pull up to remove them. Just behind the grille in each lower corner is a molded flap that is secured to the foam bumper pad noted by large dots in the diagram below. Access these fasteners through the area from the two-piece cover on top. These are a special 1/8" square head design screw. These can be unscrewed by hand.



Step 2

Next, remove the three plastic rivets securing the bumper cover to splash shields just below the fender line in each wheel well (6 total). Access the rivets on each end of the bumper cover; on the outer edge. Use a small hammer and punch to remove the center from each plastic rivet. These rivets will be replaced with new hardware. Just below these are three more re-usable push in fasteners. Remove these fasteners.

Step 3

Each end of the bumper cover is secured to the fenders with a 10mm bolt. Access these bolts from the bottom by pulling the wheel well splash shields back. Remove the bolts. Now the splash shields below the engine must be removed. Note how they interlock; they will need to be re-installed the same way. Remove the nine 7mm bolts in front of the lower splash shield below the engine compartment. There are two 10mm bolts in the center of this splash shield that must also be removed.

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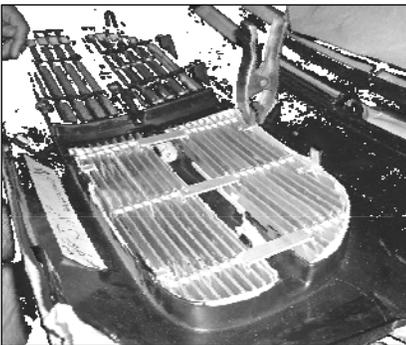
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Step 4

The fog lights (if equipped) must be disconnected and removed from the bumper cover. Gently pull the bumper cover forward about 2" on each side. This will gain access to the lights. Twist each light socket assembly and remove. Now the bumper can be removed. Pull the bumper assembly forward. The foam bumper pad behind the bumper cover does not need to be removed from the vehicle.

Step 5

Remove the factory grille inserts. Unscrew the Phillips screws securing the bottom of the inserts. Depress the two clips on top of the inserts. Pull the inserts out of the bumper opening. The billet inserts can now be installed into the bumper cover. There is a driver and passenger side insert. Each side has the upper and lower as one piece. Center both billets into the bumper opening from behind the cross bars. The inserts will only fit one way. The mounting tabs align to the factory locations. The screws on top install into a slotted hole. Use the #8 screws and flat nuts to secure the upper tabs (do not tighten yet). The lower tabs align with the threaded inserts attached to the opening. Make sure the billets are centered correctly and tighten the screws (Do not over tighten).



Step 6

Re-install and assemble the bumper cover assembly back onto the vehicle. The square head fasteners will be re-installed into the foam bumper pad but do not attach to the bumper cover / grille inserts.. The rivets removed from the wheel wells are not re-usable. Replace the three rivets from each wheel well splash shield with the plastic push-in fasteners supplied in the hardware pack.

Thank you for purchasing a T-Rex Billet Grille. 8/9/05