

# TRUCK MASTER **Designs**™

## Front PT310

**Important 1:** The factory bumper fascia is made of a flexible plastic urethane. As all factory front fascias are slightly different due to body mounting stresses, it is necessary to pre-fit the Truck Master Designs' Bumper Cover prior to painting and final installation.

**Important 2:** Read instructions in full before attempting to install the Truck Master Designs' Bumper cover.

Tools needed: 7mm wrench or 7mm ratchet and socket  
Small hammer  
clean cloths or paper towels  
Naphtha, lacquer thinner, paint thinner or suitable chemical cleaner  
400 grit sand paper or very fine Scotch Brite pads  
sanding block or small block of wood  
3/16" drill bit and power drill

1. Removal of factory upper grille: open hood and remove the four 8mm hex head bolts that attach the grille tabs to the body (two on the right and two on the left side). Once bolts are removed, tilt top of grille forward and gently pull upward and grille will come out. Turn the grille upside down and look at the bottom corners. You will see two plastic melt welds, one on each corner. It is necessary to sand or file these surfaces smooth and flush with the bottom of the grille before final install of TMD's Bumper Cover.

2. Pre-fit of the Bumper Cover: if there was a front license plate installed on the car it will be necessary to remove plate and sand smooth any protrusion or distortion left from screw removal (the holes can be filled with a paintable exterior grade caulk). Slide the Bumper cover over factory bumper. Check to see if edges of Bumper Cover are sliding into the groove that is around the outer perimeter of the factory bumper. Push upward on lower surface of Bumper Cover and downward on top of Bumper Cover to make sure the cover slides into the groove. While holding in place and pushing towards the vehicle, check for gaps on bumper upper edge and outer ends. If there are any small gaps you will need to locate the high spots where the Bumper Cover may be hitting the factory groove and carefully sand the Bumper Cover edges **ON THE HIGH POINTS ONLY** to allow the Bumper Cover to fit into the groove. Once you are satisfied with the fit you can paint the Bumper Cover according to the enclosed painting instructions.

3. Preparing factory bumper prior to final installation of TMD's Bumper Cover: we highly recommend washing the factory bumper with a dishwasher soap and making sure it is thoroughly dry prior to installing Bumper Cover. Next clean the factory bumper with Naphtha, lacquer thinner or a suitable paint thinner to remove any road film or contaminants. It is only necessary to chemically clean the areas where the tape on TMD's Bumper Cover is going to make contact. Bumper must be cleaned per instructions before next step. Remove protective backing from the rubber strip supplied. Place it approximately 1" forward of the back edge of the factory bumper and center it in front of the grille opening.

**OPTIONAL - TO MAKE THE GRILLE INSERT STAND OUT MORE:** using same cleaner, clean and then sand (or Scotch Brite) the center area of the factory bumper where TMD's grille section will lay. Cover the front painted upper and lower surfaces of the car with newspaper or an old sheet to prevent overspray. Spray paint the center section of the factory bumper with an exterior grade aerosol flat black paint.

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Front PT310 cont.

4. Final installation: once Bumper Cover has been painted and factory bumper has been properly cleaned, locate the pre-installed tape strips on the inside edge of the Bumper Cover. To make pull tabs, carefully peel the red protective film back about 1-1/2" from each end of the grey double sided tape. Fold the tab you just made over the bumper's edge and tape the tabs to the painted surface of the Bumper Cover with masking tape. Wipe the bumper surface with the supplied alcohol pads. Wipe IN ONE DIRECTION ONLY and follow with a clean dry paper towel or cloth. DO NOT WIPE BACK AND FORTH. Slide the Bumper Cover over the factory bumper, making sure that the cover is where you want it. While holding the Bumper Cover in place and lightly pushing rearward, gently pull the tape tabs and remove the protective film. Once film is removed, push down firmly on the areas where the tape makes contact with the factory bumper.

5. Rivet installation: locate the two plastic tabs you made and taped to the top of the Bumper Cover. Temporarily re-install the factory upper grille. Do not re-install the bolts yet. To correctly place the rivets, take a pencil and mark the Bumper Cover on top using front edge of the grille as a guide and make a small pencil line even with the front edge of the grille right in front of the two tabs. Remove the Grille. Using a 3/16" drill bit, carefully drill one hole in each tab behind the pencil line, making sure that the head of the black plastic rivet is also behind the line. Push rivets in with finger and lightly tap rivet head with a small hammer. Drill two more holes, one on each side underneath the Bumper Cover at the rearward ends of the U-shaped cut-out on each side of the grille opening. Intall the other two rivets. Re-install the grill. Happy Cruising.

**Warranty is void if Bumper Cover is not prefitted to factory bumper before painting and permanently installing.**

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