

Tubular Front Bumper (13-18 RAM)

Contents:

- (1) - Bumper
- (2) - Bumper Brackets
- (1) - Mesh Grille
- (2) - Corner Triangle Extensions
- (2) - Grille Brackets
- (1) - Front License Plate Holder
- (6) - M12x1.75x40mm Bolts
- (6) - M12x1.75x35mm Bolts
- (24) - M12 Flat Washers
- (12) - M12 Lock Washers
- (12) - M12 Nuts
- (2) - M10x1.50x45mm Bolts
- (4) - M10 Flat Washers
- (2) - M10 Lock Washers
- (2) - M10 Nuts
- (4) - M6x1.0x20mm Allen Bolts w/Washers
- (1) - Allen Wrench
- (2) - License Plate Screw Holders

TOOLS REQUIRED:

- 8, 10, 13, 15, 18mm Sockets
- 3/8" or 1/2" Ratchet & Extensions
- Trim Panel Removal Tool



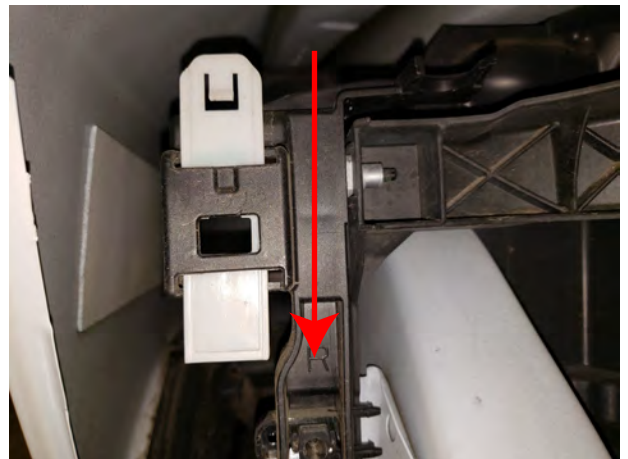
STEP 1 // Open the hood. Locate and remove the (6) push clips using a trim panel removal tool. Remove radiator plastic cover from the vehicle.



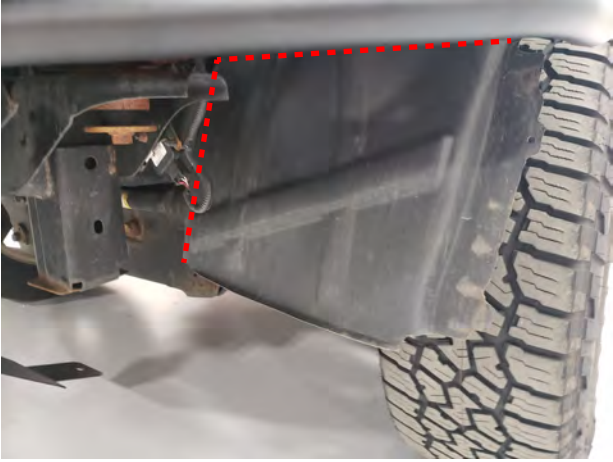
STEP 3 // Located on the front wheel well liner, using a trim panel removal tool remove the (1) plastic push clip to gain access to the headlight retaining clip.



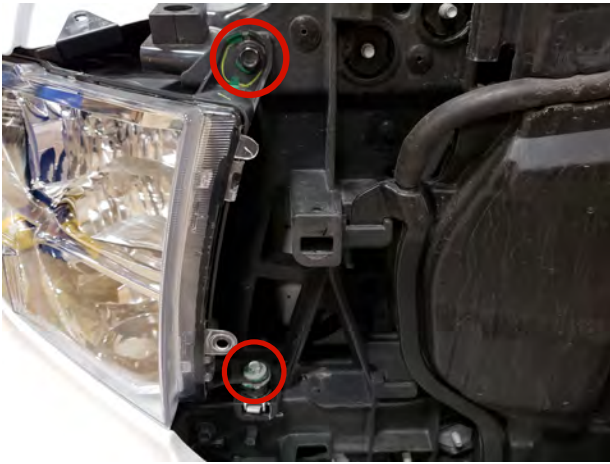
STEP 2 // Next, remove the (4) 10mm bolts across the top of the factory grille. Then gently pry the grille away from the vehicle removing the grille.



STEP 4 // Gently reach into the access port and pull down on the headlight retaining clip. This will allow the headlight to be removed in a future step.



STEP 17 // Remove / modify / secure the factory inner fender liners. Secure any and all factory components away from tire or suspension components. Installation is now complete.



STEP 5 // Locate, and remove the (2) 10mm bolts securing the headlight to the front support. Gently pull the headlight away from the vehicle. Unplug the headlight wire connectors, and remove the headlight from the vehicle.



STEP 8 // From underneath the vehicle, remove the (2) 13mm bolts securing the bumper cover to the bumper.



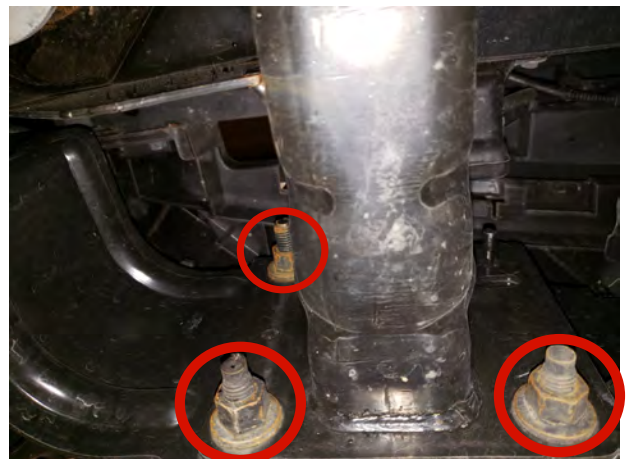
STEP 6 // Inside the headlight bucket, locate and remove the (1) 10mm bolt on each side securing the bumper cover to the fender.



STEP 9 // Carefully remove the bumper cover from the vehicle.



STEP 7 // Using a 7mm socket & ratchet remove the screw securing the bumper cover to the fender liner. Then using a trim panel removal tool, remove the (2) plastic push clips. Repeat for the opposite side.



STEP 10 // From underneath the vehicle, remove the (3) 18mm nuts on each side securing the bumper to the frame rail. Unplug the factory foglight harness, then remove the bumper from the vehicle.



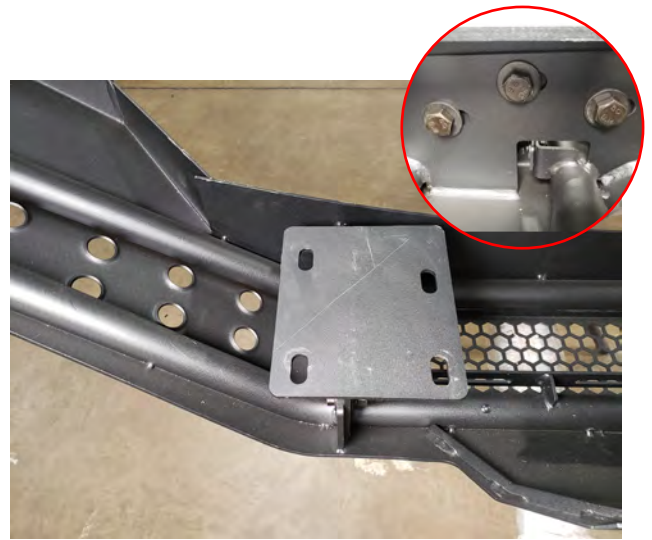
STEP 11 // Located under the headlight, remove the (3) 10mm bolts on each side securing the bumper cover supports to the vehicle. Remove the supports.



STEP 12 // Remove the (4) 10mm bolts securing the center support to the vehicle. Remove the center support.



STEP 13 // Insert the mesh bumper grille into the bumper. Secure the grille to the bumper using the (1) grille bracket, (2) M8x1.25x20mm bolts, flat washers, lock washers, and nuts. Repeat on the opposite side.



STEP 14 // Install the bumper frame bracket to the bumper using (3) M12x1.75x45mm bolts, flat washers, lock washers, and nuts. Repeat on the opposite side.



STEP 15 // Install the bumper to the vehicle using the (6) M12x1.75x35mm bolts and (2) M10x1.5x45mm bolts, flat washers, lock washers, and nuts. Be sure to center the bumper, and adjust height to desired location.



STEP 16 // Install the (1) corner triangle to the bumper using (2) M6x1.0x20mm allen bolts, flat washers, and lock washers. Repeat on the opposite side. Reinstall grille and radiator plastic cover.