



VISION X / ROYALTY CORE GRILLE

2013-2016 DODGE RAM 1500 INSTALLATION INSTRUCTIONS

Caution: Please take care to protect the finish & hardware on your Vision X / Royalty Core Grille during installation.

- Place the grille on a clean, flat, and cushioned work area. Do not place it on a hard surface or where debris could scratch the finish.
- DO NOT USE ANY POWER TOOLS TO TIGHTEN OR ADJUST ANY OF THE BOLTS OR NUTS ON THE GRILLE. The threads are stainless steel and may seize when used with high speed power tools.
- LED Light instructions are supplied with light.

Your Vision X / Royalty Core grille comes fully assembled to factory specs. Confirm that everything is properly tightened on both sides of the grille.

Read All Instructions Before Installing. Your Vision X / Royalty Core grille comes fully assembled to factory specs. Confirm that everything is properly tightened on both sides of the grille. Please be careful to not over tighten logos, which have small 10/32 nuts.

- 1) The first step to installation is to remove your factory OEM grille from your truck.
- 2) Next you are going to cut the center portion of your OEM grille so that no OEM cross bars, plastic mesh, or any parts show through your Vision X / Royalty Core grille once installed (See Pictures 3 & 4 to confirm exactly how your OEM grille will look after cutting). Do not cut or remove the OEM plastic lip that runs inward along the edges of your grille opening. Your Vision X / Royalty Core grille will mount to your existing factory reinforcement frame along the inside borders of your OEM grille surround so do not unscrew or detach these OEM parts. You are only cutting plastic and no metal. Your Vision X / Royalty Core grille will sit inside this opening from the front side.

Option1: When you cut the center vertical cross bar there may be a rounded lip leftover (See Picture 3 Arrow). Your new grille will fit over this lip and be flush inside on the left and right sides.

Option 2: To make the grille flush in the middle section top and bottom, you will have to make the vertical cross bar on your OEM grille flush/parallel to your new grille. The top grill cut will be approximately 4.25 inches wide and the bottom cut will be approximately 4.5 inches wide. You will have to be very careful when cutting to make sure you do not cut too much off. Start slowly and undercut it leaving some area to file edges with a sand block so that it's flush and parallel to the edges of the Vision X / Royalty Core grille and is smooth from top to bottom.

****Take your time to make the cut symmetrical and solid. Make cuts using a cut off wheel, die grinder, portable jigsaw, or hacksaw. File and sand edges smooth after all cutting. Blow or vacuum your OEM grille clean before installing your Vision X / Royalty Core grille in it. Position your Vision X / Royalty Core grille in your OEM grille from the front side only. Once you fit your Vision X / Royalty Core grille inside make sure it's flush and if not trim just enough on your OEM grille where needed. Make sure all lines of your Vision X / Royalty Core grille run parallel, smooth, and pinched to the outside lines of your OEM grille with no gaps for a quality long lasting install.****

- 3) **Preparing Mounting Anchors:** The grey rectangular parts with one hole in the hardware baggy are mounting anchors, which hold your Vision X / Royalty Core grille on. There are 12 threaded 10/32 studs welded on the backside of your Vision X / Royalty Core grille, which match the supplied anchors, lock washers, and nuts in the baggy. For an extra quality installation you may notch/cut out the plastic lip on your OEM grille to reduce it to 3/4 inch only where a mounting anchor clamps. These notches would not exceed 1 inch in width. Place your Vision X / Royalty Core grille into your OEM grille from the front side and slide these mounting anchors on the studs from the backside. The anchor bend should face the back of the grille to grab like a claw. Follow it with a lock washer, nut, and twist slow without any power tools until snug. Once they are all in place confirm from the front side that the fitment is straight then tighten the anchor nuts but do not over tighten. This process should be done before proceeding to the following step.

Important: In this next step you will be drilling the holes for mounting your grille. Make sure your Vision X / Royalty Core grille is in the precise placement before drilling through the OEM plastic for the provided mounting screws. You do not do any drilling or modifying on your Vision X / Royalty Core grille. Beginning with the driver side (DS) top-mounting bracket drill your first hole. Use the Vision X / Royalty Core mounting bracket hole as a guide. Now place a provided screw with washer near head with flat rectangular black nut, which becomes flat when tightened to work as a locking nut as well. Make sure grille is positioned correctly from the front side by pressing grille down (on mesh or a bolt head) gently and tight before drilling or installing the first screw. Next repeat this process on the passenger side (PS) top, then the DS bottom, then PS bottom, and then continue until all 12 mounting brackets are drilled through and installed. Drill and enter one screw at a time to prevent multiple holes drilled slightly off. Do not drill all holes at once. This insures that your grille is positioned correctly and prevents from drilling unnecessary holes.

The Vision X / Royalty Core team is very grateful for your business!!! Thank you!!!



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