



GRILLE INSTALLATION INSTRUCTIONS

Installation instructions based on truck make/model and specific grille will be sent with the grille. The instructions below are a general overview of the installation process.

Caution: Please take care to protect the finish and hardware on your Royalty Core Grille during installation.

Install Tips

- 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.

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

Some Royalty Core grilles are a complete replacement for the OEM grille. In those cases, there will be little or no cutting or modifications required – the Royalty Core grille will simply mount to your truck. But many Royalty Core Grilles utilize a portion of the OEM grille for mounting, and the instructions below are an example of that installation process.

Read All Instructions Before Installing!

1. The first step for installation is to remove the factory OEM grille from your truck. Set aside the OEM hardware – it will be used for reinstallation after mounting the Royalty Core grille.
2. Cut out the center portion of your OEM grille so that no OEM cross bars, plastic mesh, or any parts are visible through your Royalty Core grille once installed.
 - Do not cut or remove the OEM plastic lip that runs inward along the edges of the grille opening.
 - Do not unscrew or detach the factory reinforcement frame along the inside borders of your OEM grille surround. Your Royalty Core grille will mount to these OEM parts.
 - Only cut plastic and no metal. Your OEM grille opening must be cut large enough to clear the nuts on the backside of your Royalty Core grille frame. Your Royalty Core grille will position in your OEM grille for a flush, even appearance. Make cuts using a cut off wheel, die grinder, portable jigsaw, or hacksaw.

Royalty Core

3. Position your Royalty Core grille in the OEM grille from the front side. Make sure all lines of your Royalty Core grille run parallel and smooth to the OEM grille, with no gaps.
4. With the Royalty Core grille in the precise placement of the OEM grille, use the hole in a Royalty Core mounting bracket as a guide to drill a pilot hole in the OEM plastic. For best results, start from the center of the grille and work to the outside. Thread a mounting screw through this hole and secure with a washer and flat nut (bow side facing in).
5. Check placement of the grille and repeat step 4 for another mounting bracket. **Do not** drill all holes at once. Check the placement of the Royalty Core grille in the OEM grille before drilling each hole.
6. After mounting the Royalty Core grille with all the screws in step 5, locate the threaded 10/32 studs that are welded on the backside of your Royalty Core grille. Utilize the mounting anchors, lock washers, and nuts with these studs to strongly secure the Royalty Core grille in the OEM.

For an extra quality installation, you may notch the plastic lip on your OEM grille where the mounting anchors will lay. These notches should not exceed 1 inch in width and will allow the anchor to lay flatter. Slide the mounting anchors on the studs from the backside. The anchor bend should face the back of the grille to grab like a claw. Snug the anchors with a lock washer and nut. Once they are all in place, confirm from the front side that the fit is straight. Then, tighten the anchors. **Do not** overtighten these small studs, and **do not** use power tools.

7. Once everything is fully tightened and looking great, reinstall your OEM grille with your Royalty Core grille back onto your truck.

About Royalty Core

Royalty Core opened in 2009 with one goal: to design and build the best custom [performance truck grilles](#) on the market. Today, Royalty Core is the industry leader in custom grilles, [headache racks](#), and [emblems](#) for Chevy, Dodge, Ford, GMC, Jeep, Nissan, RAM, and Toyota trucks. All our products are handmade in the USA from the highest-quality materials such as corrosion-resistant T304 stainless steel and T6 billet aluminum. Learn more here: <https://www.royaltycore.com/p-17-why-buy-royalty-core-grilles.html>.