



RC1 Truck Performance
Truck Grilles & Accessories

Royalty Core Ford F-150 2004-2008 Grille Installation Instructions

Caution: Only place your Royalty Core Grille on a Clean, Flat, and Well Protected/Cushioned Work Area. Do not place it on a hard surface or where debris could scratch the finish. During installation keep area extremely clean after each step. The finish requires special care during a 90-day period so before installation read grille care instructions thoroughly. Do not touch grille or logo surfaces; only handle product by touching edges only during installation and leaving no finger prints on the surface. Your 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.

Read All Instructions before installing. The first step for installation is to remove your factory OEM grille from your truck. 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 Royalty Core grille once installed (See Pictures 1 & 2 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 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. You are only cutting 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 but do not over cut. The Royalty Core grille frame will overlap your cut by about a 1/2-inch around the entire cut. Once you fit your Royalty Core grille inside make sure it's flush and if not trim just enough plastic only where needed to clear the nuts on the backside of your Royalty Core grille. It's held on by a sandwich affect so the overlapping is crucial. The overlapping is also needed to hide the cutting of those OEM cross bars for a clean appearance. 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 Royalty Core grille in it. Position your Royalty Core grille in your OEM grille from the front side only. Make sure all lines of your Royalty Core grille run parallel, smooth, and pinched to the outside lines of your OEM grille with no gaps.

The grey rectangular parts with one hole in the hardware baggy are mounting anchors, which hold your Royalty Core grille on. There are threaded 10/32 studs welded on the backside of your 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 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.

Once everything is fully tightened and looking great, install your OEM grille with your Royalty Core grille in it on your truck.

Important Grille & Logo Care: Wash your grille regularly with warm water and regular car wash soap only. When finished please email us pictures of different angles with your entire truck in each picture for the Royalty Core website. The Royalty Core team is very grateful for your business!!! Thank you!!!

Royalty Core

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