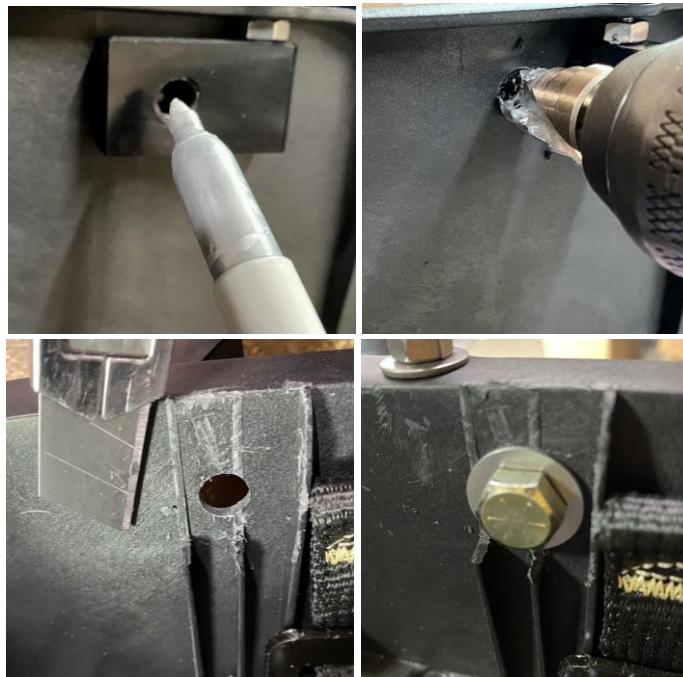


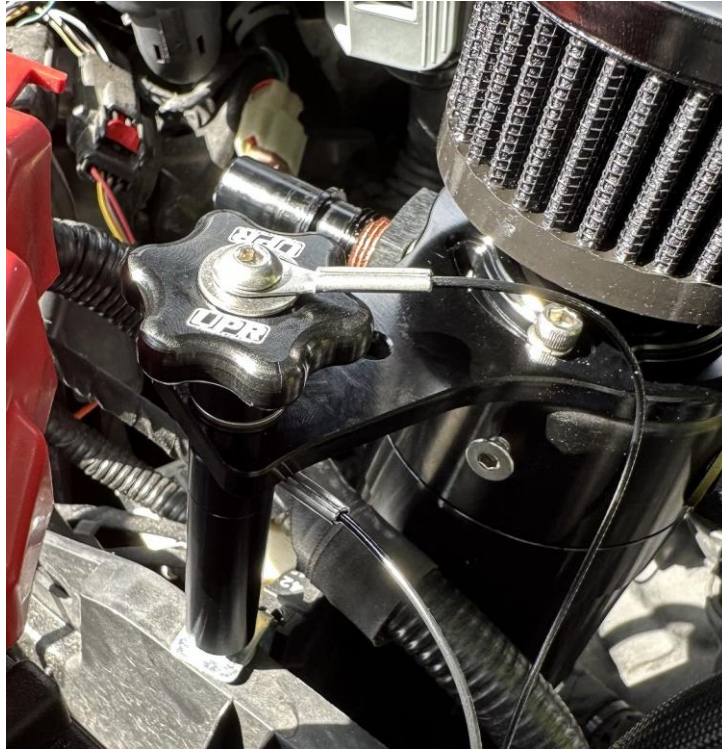
UPR Oil Catch Can Installation

5050-291 -1 2023-2025 F150 Raptor R Catch Can with built in one way breather

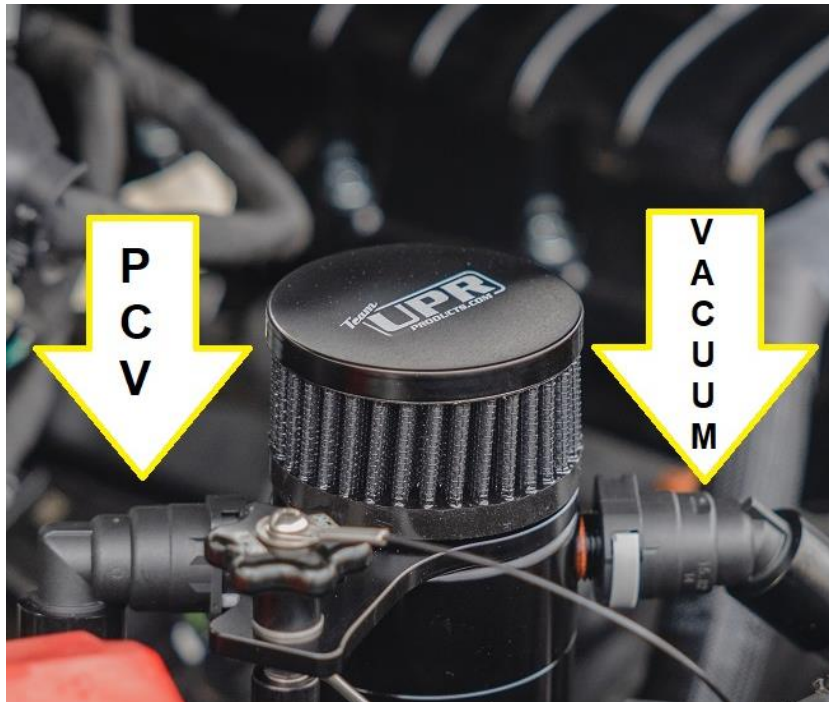


1. The F-150 will have a hole on the battery box lip that is used to secure a wiring harness with a push clip. Remove the clip from the hole and mount the catch can in this location using the supplied Mount and hardware. The square block is a support brace. Overtightening the mount could damage the battery tray.
2. * **Optional Step.** To increase the stability of the mount, start by marking the location of the hole in the support block, drill a 3/8 hole (this is best done with the battery removed) and install a 3/8-24 bolt from the inside of the battery tray out through the bracket. You will need to cut a small portion of the inner support ribs to make room for the bolt.





3. Install the UPR 5050 catch can onto the mount and secure it with the supplied knob.



4. The PCV side of the catch can will be facing towards the back of the engine compartment. The Vacuum side will face forward and will have a silver marking on the male fitting.



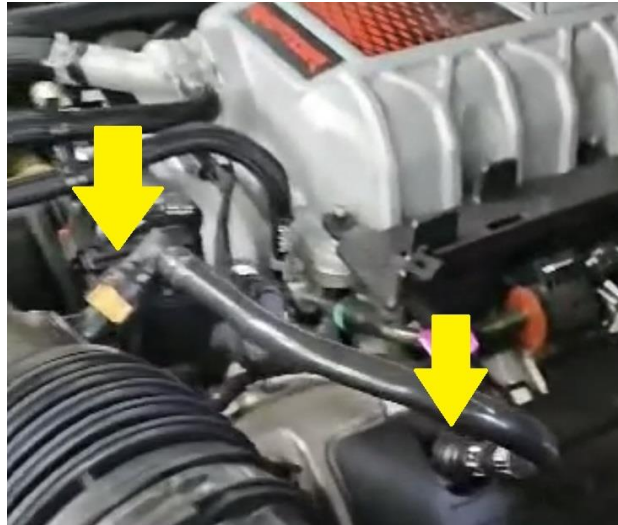
5. Locate the factory PCV hose that runs from the passenger valve cover PCV valve to the Supercharger vacuum port. Remove the factory fittings by pushing the blue tabs on the fittings to the side and lift the hose off.



6. Connect the longer hose from the vacuum side of the catch can to the intake manifold vacuum fitting on the supercharger vacuum fitting. If you selected to add a Pro Series Check valve, be sure the arrow printed on the check valve faces away from the catch can. Connect the PCV side to the PCV valve on the passenger side valve cover.

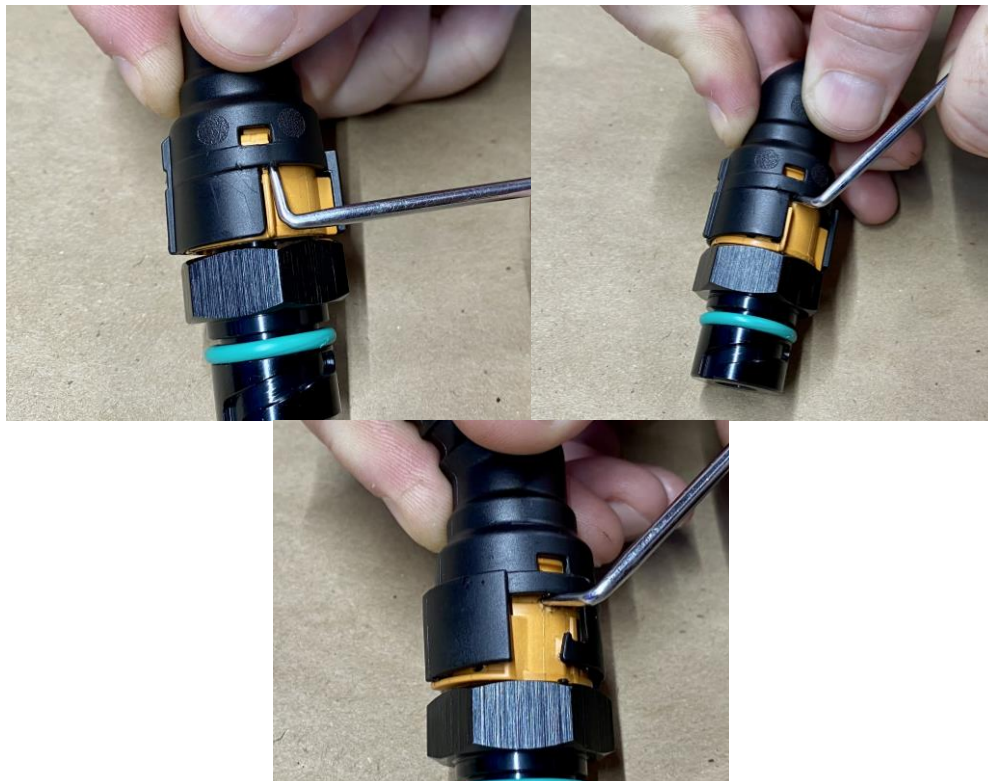
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Optional Clean Side Separator



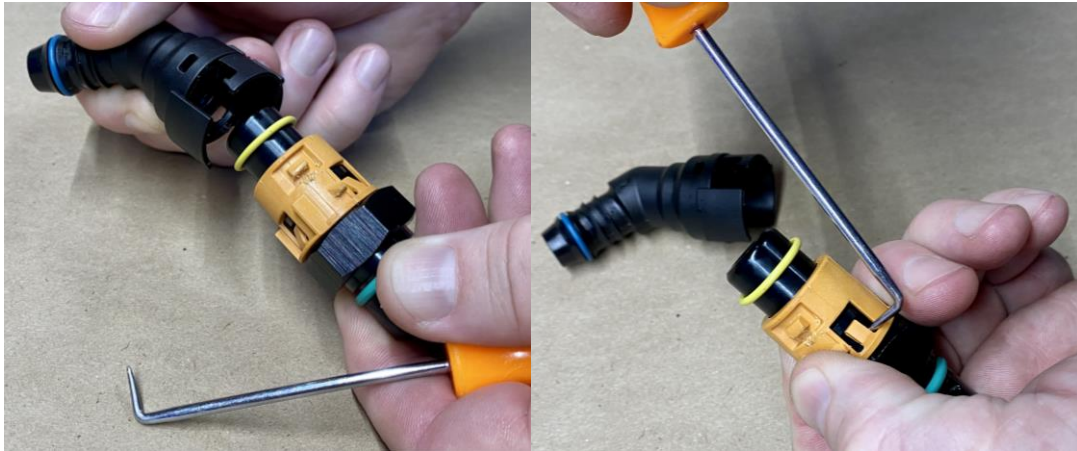
7. To install the Clean Side Separator (CSS), you will need to remove the orange fittings on the driver side Crankcase vent hose. These fittings are not a quick release style. The process below will illustrate how to remove the fittings. The fitting is shown off of the vehicle so we could show the best view.

To remove the fitting, separate the orange portion of the fitting from the outer cover. Using a pick or flat screwdriver, find the small orange 'window' on each side of the fitting. Slide the pick or screwdriver up between the black outer portion of the fitting and the orange inner portion. Pry up on each side to pop the outer portion off.



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Now that you can see the 3 tangs, while applying upward pressure, use a pick or small screwdriver to release them.



* If you want to return your vehicle back to stock, you can replace the fittings on the driver side hose with UPR part number 2025-39 and 2025-40. Use a heat gun or lighter to gently warm the plastic tube – do not melt or burn the tube. Pull the fitting out of the tube once it is warm, and insert the new fitting into the tube while it is still warm. The tube will conform to the fitting as it cools. To assist, you can wrap a small zip tie around the tube ends.



8. Install the CSS with the supplied hose assembly. When installing the CSS, be sure the collar on the bottom is pulled up, it will snap when seated onto the fitting.

To remove and service the catch can, press the buttons on the fittings to release them from the catch can (**NEVER pry or remove the buttons from the fittings**), Unscrew the quick release mounting knob, and remove the catch can. Unscrew the catch can cup to dispose of the liquid. Clean the catch can cup, body and filter with warm water and dish soap as needed. Vehicles using E85 will need to have the tank cleaned and serviced more often than vehicles using gasoline.

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Always check and drain the catch can more often in winter / freezing weather. If the water/oil mixture in the catch can is allowed to freeze it will cause damage to the catch can and internal components. Any damage due to freezing is NOT WARRANTY. You must dispose of the liquid collected in the catch can properly (with used waste oil) properly according to your local laws.

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