

INSTALLATION INSTRUCTIONS CATCH CAN KIT

2015+ Ford F-150 and Raptor, EcoBoost V6

Kit # 20-0481-FL







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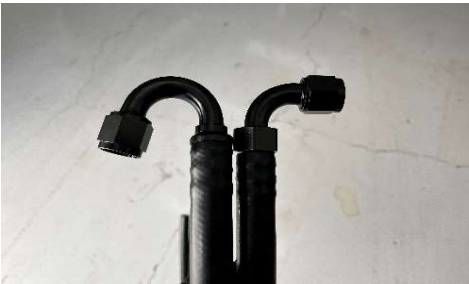


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20-0481-FL	
Item Description	Qty
BRACKET, PCV, F150	1
Catch Can, Fluid Lock 2, Preassembled	1
5/8 PCV/FUEL HOSE	8 ft
10AN ORB TO 10AN MALE FITTING	1
PUSHLOK HOSE END, 10AN 90DEG	1
SPRING CLAMP, 5/8" HOSE	2
10AN ORB SWIVEL BANJO TO 10AN MALE	1
10 inch Zip Tie, Black Nylon	4
Hex Nut, M6 x 1.0, SS	2
M6 Washer	1
PUSHLOK HOSE END, 10AN 180DEG	1
CATCH CAN SERVICE INTERVAL STICKER	1


STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10mm Socket	Unscrew the two M6 nuts holding the engine cover on. Pull the cover up and forward and remove the vehicle. This will be reinstalled at a later time.	

2	15mm Socket	Locate the ground strap on the firewall. Unclip the wire holder and remove the nut.	
3	10mm Socket	Place the wire ring terminal back on its stud. Install one M6 nut and washer from the kit on the stud that the plastic clip was engaged with. This will create a flush surface for the catch can mounting bracket.	
4	10mm Socket	Install the PCV catch can the mounting bracket as shown using M6 nut and washer from the kit and the 15mm hex nut that was removed in previous steps.	
	15mm Socket		
5	3mm Allen wrench	<p>Before inserting the catch can into the mounting bracket, lubricate the O-ring on the 10AN straight adapter fitting and install it in the side port of the catch can. Tighten with a 1" wrench.</p> <p>Install the catch can into the bracket using the four M5 screws included in the kit and a 3mm Allen wrench. A small amount of lubrication on the threads of these screws is recommended.</p> <p>Lubricate the O-ring on the swiveling 10AN male fitting. Install the swiveling adapter into the top port of the catch can and tighten with a 6mm Allen wrench.</p>	
	6mm Allen wrench		
	1" wrench		
6		Locate and remove the PCV breather hose located on the passenger side of the engine compartment. The light gray clips on the hose fittings must be opened to release the lock mechanism.	
7	Razor knife	<p>The plastic SAE quick connects on each side of the tube will be reused. Carefully cut the black tube just enough to slice into the hard plastic tubing. Remove the SAE quick connectors and discard the hard black tube. Reinstall the end fittings back on to the ports on the engine.</p> <p>Note: If the catch can kit needs to be removed for any reason the system can be reverted back to stock by re-using these hose ends and using a short piece of the 5/8 catch can hose between them. This hose will perform the same function as the discarded plastic tube did.</p>	

8	Hose cutter	<p>Cut the provided PCV hose into two 4 ft long lengths.</p> <p>In the end of one of the hoses, install the 180 degree hose end. In the end of the other hose install the 90 degree hose end.</p> <p>Lubricate the hose barbs and push the hose on until fully seated.</p>	
9	1" wrench	<p>Attach the hose with 180 degree hose end to side port fitting on the catch can. Route the hose around the back of the intake manifold to the PCV fitting with the 45 degree bend on the intake manifold.</p> <p>Test fit the engine cover and make sure the hose is not preventing the cover from going into place. Cut the hose to length and slide it on to the fitting on the intake manifold and secure with a spring clamp from the kit.</p>	
	Hose cutter		
10		<p>For a cleaner look, the Radium hose can be routed underneath some of the engine components as shown in the photo.</p>	

11	1" wrench	<p>Repeat the process from the previous step using the hose with the 90 degree end attached to the swiveling fitting on the top of the catch can.</p> <p>Route this hose to the fitting on the passenger side valve cover. Check clearance with the engine cover, then cut to length and secure with a spring hose clamp.</p>	
	Hose cutter		

12		<p>Use the included zip ties to secure the two hoses together as shown.</p>	

13		<p>Use the small included zip tie to secure the ground strap to the mounting bracket as shown.</p> <p>Double check all connections and fasteners to ensure they are tight.</p> <p>Installation is complete.</p>	

SERVICING

It is recommended to check catch can fluid level every 5,000 miles (8,000km).

It may be necessary to check more frequently in cases of extreme use.

Catch can contents can be monitored using the dipstick.

The contents can be emptied by one of three ways:

1. Unscrewing the bottom half of the catch can and dumping out the collected fluid.
2. Extracted through the dipstick hole using a hand vacuum pump and straw.
3. A remote drain hose can be installed on the bottom of the catch can (P/N 20-0024)

Carefully drain contents into an oil-safe container and dispose in the same manner as used motor oil.

