INSTALLATION INSTRUCTIONS
CATCH CAN KIT
2011-2017 FORD MUSTANG GT, 5.0L

Kit# 20-0267-FL, 20-0279-FL, 20-0287-FL, 20-0324-FL, 20-0325-FL

Document: 19-0140

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STEPS 1 TO 13 COVER THE PCV CATCH CAN KIT (RH) FOR ALL MODEL YEARS (KIT 20-0267)
STEPS 14-34 COVER THE CRANKCASE CATCH CAN KIT (LH) FOR
THE 2015+ MODELS (KIT 20-0287) AND THE 2011-14 MODELS (KIT 20-0279)

20-0325-FL	
Item Description	**Qty**
1/2 PCV/FUEL HOSE	2 ft
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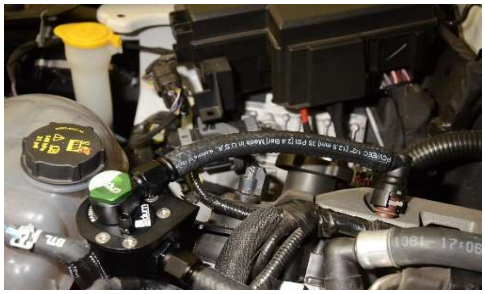
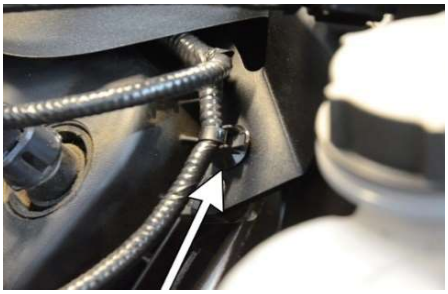
Bracket, PCV, S197 Coyote	1
Bracket, Crankcase, S550 Coyote	1
Catch Can, Fluid Lock 2, Preassembled	2
10AN ORB TO 8AN MALE FITTING	3
PUSHLOK HOSE END, 8AN STRAIGHT	2
PUSHLOK HOSE END, 8AN 90DEG	1
PUSHLOK HOSE END, 8AN 120DEG	1
10AN ORB SWIVEL BANJO TO 8AN MALE	1
SHCS, M6 x 1.0, 14mm Long	4
M6 Flange Nut	4
CATCH CAN SERVICE INTERVAL STICKER	1

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	15MM SOCKET	**INSTALLATION OF 20-0267** Start by removing the two nuts holding the strut bar in place on top of each strut tower. Set the strut tower brace aside.	

2		Carefully remove the engine cover by pulling upward. Pay close attention to where the pegs from the cover interface with the rubber grommets on the intake runners. Pull in these areas until each peg is released. Set the cover aside.	
3		The PCV tube is connected to a port in the LH valve cover and is U-shaped. Remove the hose by unclipping each end fitting from their respective ports. Simply move the gray tab on the hose end to release the lock, then pull gently.	
4		Unclip the wiring harness retainer from the boss on the front of the valve cover.	
5	3MM ALLEN 7/8" WRENCH	Assemble the catch can to the bracket using the four flat-head screws. Use a medium strength threadlocker on the threads. Install the -10AN ORB to -8AN flare adapter into the side port. Make sure the O-ring is lubricated. Install one of the straight push-lok hose ends onto the adapter fitting and tighten.	
6	HEAT GUN RAZOR BlADE	Locate the tube assembly removed in step 3. Use a heat gun to loosen and remove the hard plastic tubing from the barbed tube end. Alternatively, use a sharp razor knife (shown) to gently make a cut through the thickness of the tube wall in the area of the barbed end fitting. Avoid pressing too hard and cutting into the plastic fitting. Use this same procedure for the opposite end of the tube.	
7		Gently pry the end fittings out of the tube.	

8	HOSE CUTTER	Cut a piece of the included 1/2" rubber PCV hose to 4". Install this piece of hose onto the side fitting of the catch can. Some lubrication will be necessary. Push on until fully seated. Note: Hose clamps are not required for push-lok barbs. Install one of the OEM fittings from step 7 into the other end of the hose, as shown.	
9		Insert the catch can assembly into the small area of the engine bay near the coolant tank, as shown.	
10	5MM ALLEN 10MM WRENCH	Line up the mounting holes of the catch can bracket with the tabs on the end of the valve cover. Install the two M6 screws from down below pointing upwards. Carefully install the included M6 nuts on top. Be careful to not drop any hardware. Tighten the nuts with a 10mm wrench.	
11		Cut a piece of the included 1/2" rubber PCV hose to 8-1/4" and construct the hose assembly as shown. Some lubrication will be necessary to install the barb fitting into the hose. Note: Hose clamps are not required for push-lok barbs.	
12	1-1/8" SOCKET	Install the banjo fitting assembly into the top port of the catch can. Make sure a crush washer is used on both sides of the black banjo fitting. Install the hose assembly from the previous step and tighten the end fitting onto the banjo bolt fitting. Place the factory fitting onto the valve cover port and push until it clicks into place. With the clocking of the banjo now correct, tighten the green banjo bolt to the torque specified on the bolt head.	
13		Snap the wire harness retainer into the catch can bracket hole. ***Installation of kit 20-0267 is complete.***	

14	Hose clamp pliers	**Installation of 20-0287 and 20-0279** Follow Steps 1 and 2 above to remove the strut brace and engine cover. Locate where the sound tube connects to the intake pipe. Open the spring hose clamp and disconnect the sound tube.	
15		Locate where the crankcase breather tube connects to the (LH) valve cover. Open the gray clip to release the hose from the valve cover.	
16		Using the same method, release the other end of the hose from the fitting on the intake tube. Remove the crankcase hose from the engine and set aside.	
17		Unplug the MAF sensor and loosen the hose clamp for the intake tube (shown). Disconnect the MAF sensor wire harness clip from the air box (not shown).	
18		Release the two clips holding the air cleaner cover in place then completely remove the upper air cleaner lid, as shown.	
19	10mm Socket	Remove the single bolt holding the lower air cleaner housing to the inner fender.	

20		Lift the lower air cleaner housing out of the engine bay.	
21	3mm Allen	Install the mounting bracket to the catch can using the four small screws included in the kit and fully tighten. Use a medium strength threadlocker on the threads. NOTE: 20-0287 bracket shown. The bracket in the 20-0279 kit will look slightly different.	
22	1" Wrench or Socket 1-1/8" Socket	Install the adapter fittings into the catch can port(s). Be sure to lubricate the O-rings on the fitting(s) before installation. Fully tighten. For the 20-0279 kit, install the banjo fitting assembly into the top port of the catch can. Make sure a crush washer is used on both sides of the black banjo fitting.	
23		Unclip the wiring harness from the two tabs on the front of the valve cover.	
24	10mm Socket	Install the catch can and bracket assembly onto the tabs on the front of the valve cover. The 20-0287 bracket is shown. Secure in place using the included M6 screws and flange nuts. Insert the screws from the bottom and use the nuts on top. Tighten the nuts. The nuts should tighten without needing to hold the screw heads.	
25	Razor Blade	Use a razor blade to slice the foam cover off the hose removed in step 16.	

26	Heat Gun	Use a heat gun to loosen the junction where the end fitting is inserted into the plastic hose. Once soft enough, pull the end fitting out of the hose.	
27		Repeat this procedure on the opposite end of the hose.	
28	Hose Cutter	Apply light oil to the push-lok barbs and install the included 1/2" rubber PCV hose onto the straight hose end (20-0179 kit) or 90 degree hose end (20-0187 kit). Temporarily install the OEM 90 degree fitting to the valve cover port and the push-lok hose end to the top catch can port. Measure and cut the hose to length. Install the OEM 90 degree fitting into the opposite end of the hose, as shown.	
29	7/8" Wrench	Install the OEM fitting back onto the valve cover port. Push until a "click" is heard. Screw the Push-lok hose end onto the top port of the catch can and tighten. 20-0179 Kit Only: With the clocking of the banjo now correct, tighten the green banjo bolt to the torque specified on the bolt head.	
30	Hose Cutter	20-0279 Kit: Install the 90 deg Push-lok hose end into the remaining 1/2" rubber PCV hose. Lubrication is recommended. Temporarily install the push-lok hose end to the catch can side port. Rotate the hose (as shown) towards the OEM intake's male port. Measure the hose using the OEM straight fitting and cut to length. Install the remaining OEM straight fitting in the opposite end of the hose. 20-0287 Kit: Cut the remaining 1/2" rubber PCV hose to 8 inches. Install the 120 degree Push-lok hose end and the remaining OEM straight fitting to the hose. Lubrication is recommended.	
31		20-0287 Kit: Install the 120 degree hose end to the side port of the catch can and route the hose underneath the other catch can hose and the plastic pipe that runs through the area, as shown. 20-0279 Kit: Install the 90 degree hose end to the side port of the catch can and route the hose directly at the OEM male port.	

32	7/8" Wrench	Connect the opposite end of the hose to the port on the intake tube. Tighten the hose end, being careful not to over-stress the catch can mounting bracket.	
33		For the 20-0287 kit, the hose routing should resemble what is shown here. For the 20-0279 kit, the hose routing should resemble the picture in Step 30.	
34		Reinstall the air box, the MAF sensor connector, and the sound tube. Installation is complete.	
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.