

# INSTALLATION INSTRUCTIONS

## PCV CATCH CAN KIT

2018+ FORD MUSTANG, 5.0L

20-1267-FL

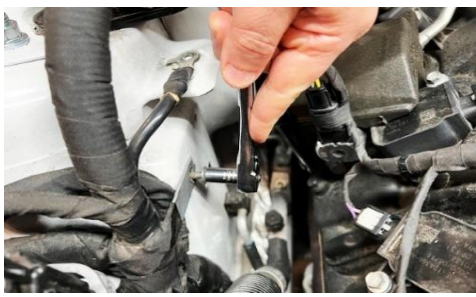





Document: 19-0440


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20-1267-FL			
ITEM DESCRIPTION	QTY	ITEM DESCRIPTION	QTY
CATCH CAN, FLUID LOCK, PREASSEMBLED	1	FLAT HEAD CAP SCREW, M5X0.8X10, SS	4
BRACKET, MUSTANG PCV CATCH CAN	1	BUTTON HEAD CAP SCREW, M6X1X25, SS	1
16MM SAE FEMALE TO 5/8IN BARB, STRAIGHT	1	FLANGED HEX HEAD NUT, M6X1MM	1
16MM SAE FEMALE TO 5/8IN BARB, 45DEG	1	SPRING CLAMP, 5/8IN HOSE	4
16MM SAE FEMALE TO 5/8IN BARB, 90DEG	2	CATCH CAN SERVICE INTERVAL STICKER	1
10AN ORB SWIVEL BANJO TO 16MM SAE MALE	1	5/8IN PCV/FUEL HOSE	3FT
10AN ORB TO 16MM SAE MALE	1		

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	Flathead Screwdriver	Carefully pry up to remove the 2 outer plastic rounds caps on the engine cover. Remove the 2 nuts inside the round holes.	
	10mm Socket		
	Socket Extension	Next, there are 4 hidden pegs on the bottom side of the cover that interface with 4 rubber grommets around the intake runners. Pull up in these areas until the cover is released.	
		Set the cover aside.	

2	8mm Socket Wrench	Remove the hex screw (shown) that secures the large wire harness bundle to the RH strut tower.	
3	8mm Socket Wrench	Remove the hex screw (shown) that secures the ground strap to the RH strut tower.	
4		Shown are the 2 aforementioned screws.  NOTE: Only the longer 20mm screw will be reused.	
5		The U-shaped OEM PCV tube will need to be removed.  First, find the PCV valve on the RH valve cover. As shown, push the lock to the side and pull the hose up to release.	
6		Follow the PCV tube to the intake manifold. Again, push the lock to the side and pull the line up to release.  Remove the PCV tube from the vehicle. It will NOT be reused.	
7	4mm Allen Wrench	Find the long M6x1 button head screw in the kit.  As shown, tighten the ground strap.  The bottom side of this screw will serve as a "stud".	

8	8mm Socket Wrench	Find the catch can bracket in the kit. From underneath, slide up the upper mounting hole to the "stud". Hand tight the provided M6x1mm flanged hex nut to the "stud".	
	10mm Socket Wrench		
		Lineup the lower front catch can bracket mounting hole to the threaded strut tower hole. Place the catch can bracket on top of the wire harness bracket. Secure the brackets with long OEM screw.	
		Tighten the hex flange nut.	
9	Oil Lubrication	Find the 10AN ORB to 5/8" SAE quick connect male fitting in the kit. Lubricate the O-ring and secure to the catch can side port.	
	Adjustable Wrench		
10	Thread Locker	Apply a medium-strength thread locker to the eight provided M5x0.8mm flat head screws.	
11	3mm Allen Wrench	Position the catch can into the mounting bracket and secure the screws.	
12	Oil Lubrication	Lubricate the O-ring on the 5/8" SAE quick connect banjo fitting.	
	6mm Allen Wrench		
13	Oil Lubrication	Find the straight 5/8" SAE quick connector in the kit. Lubricate the internal O-rings. Temporarily press it into the side male catch can fitting until it locks in place.	

14	Hose Cutter	Cut a 12" section from the provided hose.	
		NOTE: These two pieces will be cut to an exact length in later steps.	
15	Pliers	Using 2 of the spring clamps, secure the 90 degree SAE quick connectors into the end of each hose, as shown.	
16	Oil Lubrication	Lubricate the internal O-rings on each 90 degree SAE quick connector.	
		Press the short hose connector into the valve cover port. Press the long hose connector into the intake manifold port. Give each hose a gentle tug to confirm they have locked into place.	
		Orient the connectors as shown.	
17	Hose Cutter	Route the intake manifold port hose to the catch can side port connector. Pictured is the hose routing underneath the wiring harness. This keeps the hose low preventing engine cover interference.	
	Pliers	Cut the hose to length allowing just enough slack for engine movement.	
		Using a spring clamp, secure the straight SAE quick connector into this specific hose. Install to the side catch can port, as shown.	
18	Hose Cutter	Route the valve cover port hose to the catch can top port connector.	
	Pliers	Cut the hose to length allowing just enough slack for engine movement.	
		Using a spring clamp, secure this 45 degree SAE quick connector into this hose. Install to the top catch can port, as shown.	
19	10mm Socket	As shown, install the OEM engine cover and confirm nothing is creating an interference.	

20		Start the engine and check for any leaks or errors.	
		<b>INSTALLATION COMPLETE</b>	
SERVICING	<p>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:</p> <ol style="list-style-type: none"> <li>1. Unscrewing the bottom half of the catch can and dumping out the collected fluid.</li> <li>2. Extracted through the dipstick hole using a hand vacuum pump and straw.</li> <li>3. A remote drain hose can be installed on the bottom of the catch can (P/N 20-0024)</li> </ol> <p>Carefully drain contents into an oil-safe container and dispose in the same manner as used motor oil.</p>		