

## INSTALLATION INSTRUCTIONS DUAL CATCH CAN KIT

2010-2014 FORD SHELBY GT500

Kit # 20-0329-FL Document: 19-0166

Support: info@radiumauto.com



20-0329-FL		
Item Description	Qty	
Bracket, Dual CC, S197 GT500	1	
10AN ORB TO 10AN MALE FITTING	2	
10AN ORB TO BARB FOR 5/8IN HOSE	2	
PUSHLOK HOSE END, 10AN 90DEG	2	
SPRING CLAMP, 5/8" HOSE	6	
5/8 PCV/FUEL HOSE	15 ft	
BHSCS, M8 x 1.25, 14mm Long, SS	1	
FHSCS, M6 x 1.0, 10mm Long, SS	2	
M6 Flange Nut	2	
M8 Flange Nut	1	
10 inch Zip Tie, Black Nylon	3	
Catch Can, Fluid Lock 2, Preassembled		

STEP	TOOLS NEEDED	INSTRUCTIONS	РНОТО
1		Remove the crankcase vent hose that connects from the intake tube to the cam cover. Move the small gray tab to unlock, then pull off the fitting.	

2	Heat gun	Use a heat gun to loosen the crankcase plastic tube where it connects to the end fitting. Do not over heat and melt the plastic. Heat just enough until the end fitting can be pulled out. Repeat this process at the opposite end of the tube until both end fittings are removed.	
3		Remove the PCV hose from the opposite side of the engine in the same manner as the crankcase vent hose.	
4	Heat gun	Heat and remove the end fittings.	
5	1" wrench	Prepare both catch cans by installing the hose-barb style fittings into the side ports, and the -AN style fitting into the top ports.	
6	4mm Allen wrench 10mm wrench	Mount the catch can bracket in the engine bay near the brake master cylinder.  Install the two M6 flat-head scrws and flange nuts, as shown. Make sure the "foot" of the bracket is lined up with the hole in the fender well.  Tighten the screws.	
7	5mm Allen wrench Jack	Install the M8 screw into the lower "foot" of the catch can bracket as shown.  Use a floor jack just behind the left front wheel to raise up the corner of the car about 2". Verify an apporved jacking point is used.  With car slightly raised, it is possible to reach into the fender well and install the M8 nut onto the screw. Finger tighten the nut. Use an Allen wrench to tighten the screw. In most cases, the nut will not want to turn and the wrench is not needed. Lower car and remove jack after this step is complete.	

8	3mm Allen wrench	Install both catch cans into the bracket as shown. Install all four screws and tighten.  The catch can closest to the firewall will be used for the PCV hose, and the other will be used for the crankcase vent hose.	
9	Hose cutter Pliers	Find the 5/8" ID hose included in the kit and cut a piece to ~31". Install the 90 degree end fitting from the crankcase hose into the cut piece of hose.  Use the included spring hose clamp to secure the end fitting.	
10		Route the 31" hose under the intake tube as shown.	
11		Secure the 90 degree fitting to the valve cover port as shown.	
12	1" Wrench	Install the 90 degree barbed push-lock hose end into the opposite end of the hose. Some lubrication might be necessary. Screw the hose end onto the top fitting of the forward-most catch can as shown.  Point the hose end in a direction for best routing, then tighten the hose end using a wrench.	
13	Hose cutter Pliers	Cut a piece of the included 5/8" ID hose to ~33". Install the 45 degree end fitting from the crankcase hose into the end. Secure with a hose clamp.  Attach the hose to the fitting on the intake tube.	

14		Route the hose under the intake tube in a similar path as the previous hose.	
15	Pliers	Route the hose to the side port of the forward-most catch can as shown.  Secure in place with one of the included spring hose clamps.	Company and to 10M (ACC and
16		Route one of the hoses over the top of the metal tab on the strut tower and one under the tab. Next, use a zip tie to secure the hoses together, as shown.	
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		Double check that all connections are tight.	

17		Double check that all connections are tight.  Installation of the crankcase catch can is complete.	
18	Hose cutter Pliers	Cut a piece of the 5/8" hose to ~58" and install the 90 degree hose end fitting from the PCV hose. Secure with a hose clamp.  Route the hose behind the engine, below the supercharger and above the brake master cyliner, over to the PCV catch can.	
19		After the hose is routed, attach it to the valve cover PCV port.	

	1" Wrench	At the opposite end of the hose, install the 90 degree push-lock fitting.  Some lubrication may be necessary.  Attach the hose to the fitting on the catch can top port.	man Company
20		Action the nose to the name of the eaten can top port.	CITES COST
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		Cut a ~50" length of the 5/8" ID hose and install the last straight hose end	and the second s
	Hose cutter	fitting into one end. Secure with a spring hose clamp.	
	Pliers	Route the hose behind the engine and under the supercharger, over to the	
21		PCV catch can side port.	and almost
		When routing is complete, attach the hose to the intake manifold fitting.	on standa wer was 300 de
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22	Pliers	Secure the hose to the PCV catch can side fitting using one of the included spring hose clamps.	
			Couper hand hand tools in the second of the
		Use the included zip ties to secure the hoses in place.	
		Check that all connections are tight.	
23		Installation is complete.	or more reference

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.

Unscrewing the bottom half of the catch can and dumping out the collected fluid.
 Extracted through the dipstick hole using a hand vacuum pump and straw.
 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.

Catch can contents can be monitored using the dipstick.
The contents can be emptied by one of three ways: