



INSTALLATION INSTRUCTIONS

Dual Oil Catch Can Kit

2005-2011 Lotus Elise/Exige

Kit # 20-0019-FL

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Document: 19-0010

20-0019-FL	
Item Description	Qty
CC Bracket Dual, Lotus, Elise	1
Catch Can, Fluid Lock 2, Preassembled	2
3/8 PCV/FUEL HOSE	0.5 ft
1/2 PCV/FUEL HOSE	0.5 ft
10AN ORB TO 6AN MALE FITTING	1
10AN ORB TO 8AN MALE FITTING	1
10AN ORB TO BARB FOR 3/8IN HOSE	1
10AN ORB TO BARB FOR 1/2IN HOSE	1
PUSHLOK HOSE END, 6AN 90DEG	1
PUSHLOK HOSE END, 8AN 90DEG	1
SPRING CLAMP, 3/8" HOSE	1
SPRING CLAMP, 1/2" HOSE	1
BHSCS, M6 X 1.0, 12mm Long, SS	2
CATCH CAN SERVICE INTERVAL STICKER	1



1. Using the picture to the right, assemble the catch cans. Confirm each fitting has an O-ring. Check the catch cans are capped on the bottom port with the included plug or the optional petcock valve is closed. Screw the barbed fittings into each side port. Note: the larger fitting goes on forward facing can. Install the -AN adapter fittings into the top of the cans. Note: the larger -AN fitting fastens to the can with the large barbed fitting. Using blue Loctite, attach the bracket to both cans using the eight M5 countersunk screws.



2. Using pliers, slide the factory spring clamps down a few inches on each PCV hose that is attached to the valve cover.

Carefully pull off both PCV hoses from the valve cover as shown to the right.



3. Disconnect the larger PCV hose the same way from the port on the throttle body (shown) and remove the hose from the engine bay.



4. Remove any fasteners that may be installed in the two threaded bosses circled at right.

These are the mounting holes used for the catch can bracket.



5. Attach the assembled catch cans and bracket to the valve cover and fasten using the two supplied M6 Allen head screws (as shown). Do not torque these bolts down.

Find the two 90 degree hose end fittings and temporarily screw them to the catch can's top fittings. Find the 2 supplied hoses in the kit. Measure the distance from the hose end barbs to the respective valve cover barbs. Cut the hoses to length. They will be roughly 2-1/2" (for 3/8" hose) and 4-1/2" (for 1/2" hose).



6. Using oil, lubricate the hose end barbs and force each hose onto the respective hose end (as shown). Next, screw the small 90 degree hose (shown) onto the appropriate catch can top fitting. Do not tighten yet. Slide a clamp on and push the hose onto the smaller (PCV valve) barb fitting on the valve cover. NOTE: It might be helpful to loosen the bolts that hold the catch can bracket to the valve cover. This will allow some movement of the catch cans to help get the hoses in place.

Repeat this process for the larger hose and barbed fitting.



7. Torque the B-Nut on each hose end to the catch can fittings.

Next, position the hose clamps properly and secure down on the factory valve cover barbs. Note: the opposite side of each hose is push-lok and do not require hose clamps.

When hoses are positioned correctly, secure the two mounting bolts.



8. If not already, slide a clamp onto the hose and install the smaller factory PCV hose (still in engine bay) to the barbed fitting on the side of the rear most catch can.

It is not necessary to cut or modify this hose.



9. The larger PCV hose that was removed in the earlier steps is going to be cut down and used between the port on the throttle body and the larger barbed fitting on the forward most catch can.

Estimate the cut length by installing the hose on the throttle body port and observing where it contacts the barbed fitting. Rotate the hose to make best use of the molded bends already in the hose.

Once a cut length has been determined, remove the foam sleeve and cut the hose.



10. If not already, slide 2 clamps onto the hose and install the hose onto each respective barb, as shown.



11. To inspect the catch cans, unscrew the oil dipstick and check the oil level.



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.

