# CCS OIL CATCH CAN KIT FOR 2020+ C8 CORVETTE COUPE

## PART NO. CCS-GM-C80

MADE IN USA




Important: Read these instructions in their entirety prior to installation.

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Rev 250915

## PARTS CHECK

- Visit the website product page to confirm vehicle application and confirm all parts have arrived by checking the images (Tap the QR code when viewing this manual on your phone, PC or tablet):

## INSTALLATION INSTRUCTIONS

### BEFORE YOU BEGIN

**WARNING: This product should be installed by a qualified mechanic.**

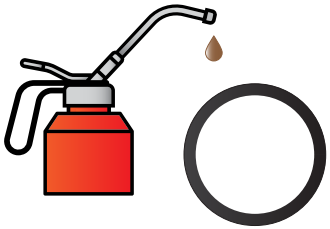
**WARNING: Improper installation could result in severe engine damage.**

Lubricate all quick connect fitting barbs before connecting the hoses.

Lubricate all visible O-rings prior to installation to prevent damage and ensure a leak-free seal.

Use aluminum tools to avoid damaging the aluminum fittings.

Read through this manual, in addition to the general CCS product manual prior to installation.



## REMOVE THE FACTORY PCV TUBE

**WARNING: Confirm the car is not hot prior to installation.**

1. Open the trunk to access the engine compartment.
2. Locate the factory PCV tube on the left side of the engine, shown in Figure 1.

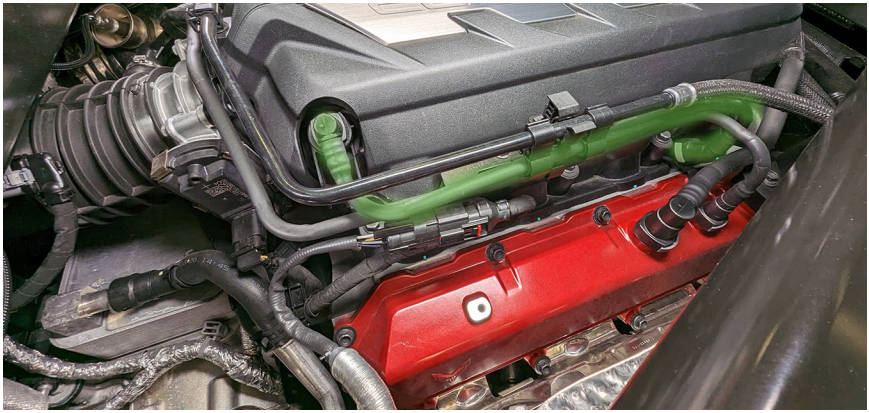


**Figure 1 - PCV Tube Location on Engine**

3. Depress the buttons on each end of the tube and remove the tube from the engine by gently pulling on each connection at the same time.
4. Set the tube aside: This part will no longer be used.

## MOUNT THE CATCH CAN BRACKET

1. Locate the two mounting holes shown in Figure 2.

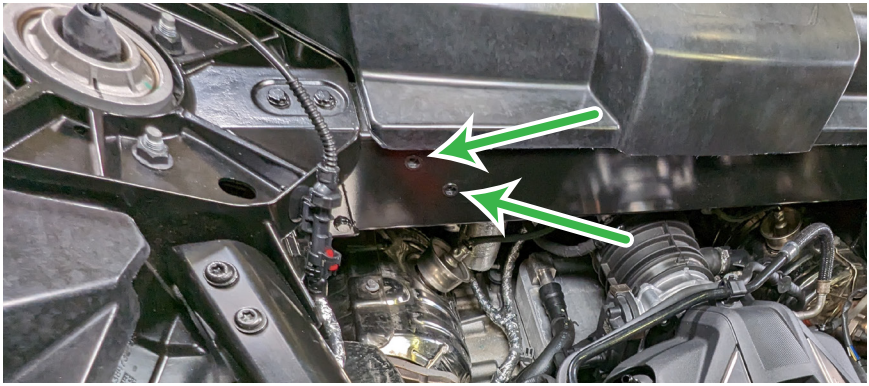


**Figure 2 - Mounting Holes in Engine Compartment**

2. Use a 10mm tool to install the bracket and lanyard with the included M6 screws, shown in Figure 3.

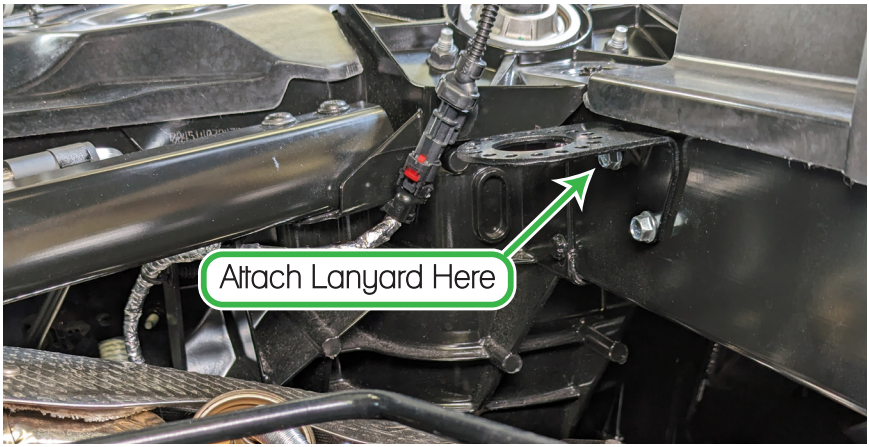



**Figure 3 - Bracket Installed**

3. Torque the screws to 36 lb-in (4 N-m).

## MOUNT THE CATCH CAN

1. Remove the nut from the catch can.
2. Thread each adapter fitting into the catch can.
3. Torque the fittings between 13 to 16 lb-ft (17 to 22 N-m).
4. Insert the catch can through the large hole in the mounting bracket.
5. Position the pin into the bracket hole shown in Figure 4.

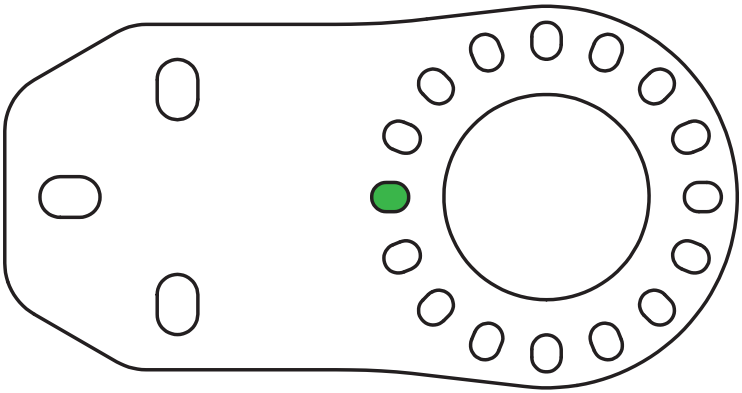


**Figure 4 - Correct Bracket Hole for Pin on Top of Catch Can**

6. Thread the nut onto the catch can and tighten with a 16mm (5/8") wrench.

When hand tightening, smear a dab of anti-seize around the threads to guarantee the nut is properly tightened.

## CONNECT THE LINES

1. Connect the longer hose as follows:
   a. Connect the 45° fitting to the PCV connection on the engine.
   b. Connect the straight fitting to the catch can "IN" port.
2. Connect the shorter hose as follows:
   a. Connect the 90° fitting to the catch can "OUT" port.
   b. Connect the straight fitting to the intake manifold.

Refer to pictures on the product listing web page for more detail.

## COMPLETE THE INSTALL

1. Confirm all mounting hardware is properly fastened.
2. Confirm all hoses are properly connected.
3. Attach the safety lock clip to the lanyard and install onto the catch can.
4. Start the vehicle and check for signs of a vacuum leak.
   a. Troubleshoot and check connections if necessary.
5. Confirm the safety lock clip is installed in the can before closing the hood.

Installation is now complete. Thank you for purchasing an Improved Racing product!