



2005-2010 MOPAR LC/LX PLATFORM 6.1L HEMI OIL CATCH CAN KIT

PART NO. CCS-CH-101

MADE IN USA







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

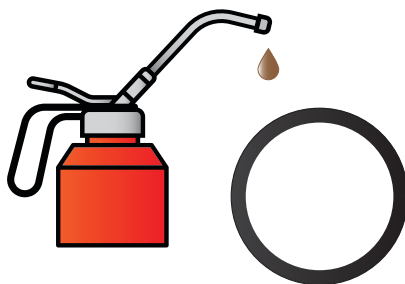
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PARTS LIST

Item	Qty	Part Number	Description
1	1	CCS-80	Catch Can Top
2	1	CCS-73	3.5 fl. oz. Reservoir w/ Drain
3	1	CCS-30	Catch Can Bracket
4	1	HSC-6000	Drain Plug
5	1	CCS-CH-100-01	Chassis Tab Mounting Bracket
6	1	HTS-1002	M6x1.00 Thumb Screw
7	1	HSC-1072	M10x1.50 Mounting Screw for Chassis Bracket
8	2	HWA-6010	Silicone Washers for Paint Protection
9	1	OQ-090-06-M12	Outlet Catch Can Fitting
10	1	OQ-06-M12	Inlet Catch Can Fitting
11	1	CCS-CH-101-50	Hose: Engine Outlet to Can Inlet
12	1	CCS-CH-101-51	Hose: Can Outlet to Intake
13	1	CCS-41-01	Catch Can Lock Clip
14	1	HSC-6001	Drain Plug to -6 SAE ORB
15	1	CP-12	Hose Separator
16	1	HCP-1022	Smooth Band Hose Clamp

BEFORE YOU BEGIN

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



INSTALLATION INSTRUCTIONS

PREPARING THE CATCH CAN

1. Install the drain plug with the included O-ring (Item #4) into the bottom of the reservoir, if not using a remote drain kit.
2. Torque the drain plug to 20 lb-ft (27 N-m).
3. Position the flat bracket onto the catch can as shown in Figure 1.

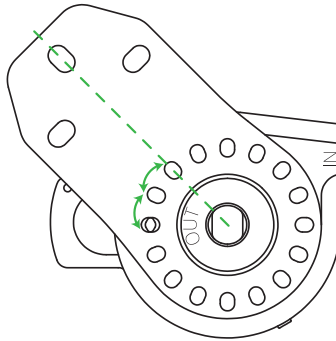


Figure 1 - Preparing the Can Bracket

4. Thread the green nut onto the catch can and tighten with a $\frac{5}{8}$ " wrench.
- 💡 When hand tightening, smear a dab of anti-seize in the threads of the green nut. This guarantees the nut is properly tightened.
5. Install the lock clip (refer to general CCS manual for more).
6. Thread the adapter fittings into the catch can:
 - a. 90° Adapter: Spin the nut until flush with the silver washer.
 - b. Position the fittings as shown in Figure 2.
 - c. Torque the fittings between 13 to 16 lb-ft (17 to 22 N-m).

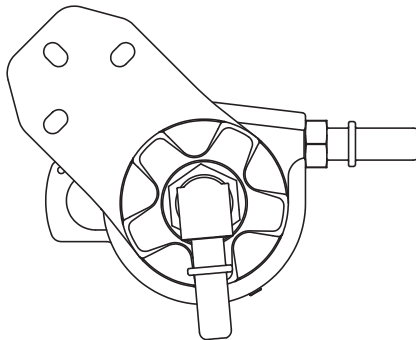


Figure 2 - Preparing the Adapter Fittings

7. If applicable, prepare a drain line:
 - a. Install the drain adapter fitting with the included O-ring into the bottom of the can (Item #13).
 - b. Torque the drain adapter fitting to 20 lb-ft (27 N-m).
 - c. Install a -6 adapter fitting into the previously installed drain adapter fitting.
 - d. Torque the fittings between 13 to 16 lb-ft (17 to 22 N-m).

REMOVING THE FACTORY PCV HOSE

1. Remove the factory PCV hose highlighted in Figure 3.



Figure 3 - Removing the Factory PCV Hose

INSTALLING THE CATCH CAN

1. Loosely install the tab bracket (Item #5) onto the chassis tab shown in Figure 4 using the included hardware.
- 💡 The included silicone washers are placed between the bracket, chassis tab and flange screw to protect the paint.



Figure 4 - Tab Bracket Installed

2. Install the catch can onto the tab bracket as shown in Figure 6:
 - a. **⚠️ Tight Space!** Use caution to avoid scratching parts. Lower and align the flat bracket slots with the pins on the tab bracket.
 - b. Temporarily tighten the assembly using the included thumb screw.
 - c. Position the assembly to avoid rubbing or contact on the vehicle.
 - d. Use a 15 mm tool and tighten the tab bracket until the silicone washers are lightly compressed.
- ⚠️ Do not overtighten.



Figure 5 - Installing the CCS to the Chassis Tab Bracket

3. Connect the hoses as shown in Figure 7.
4. Install the hose separator as shown in Figure 7.

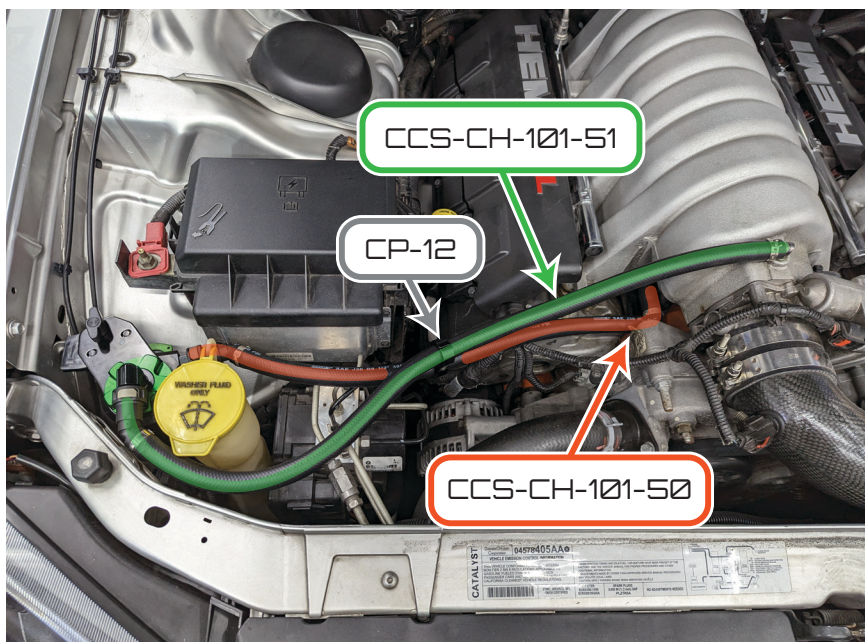




Figure 6 - Connecting the Hoses

COMPLETING THE INSTALL


1. Confirm all mounting hardware is properly fastened.
2. Confirm all hoses are properly connected.
3. Replace the engine cover if necessary.
4. Start the vehicle and check for signs of a vacuum leak.
 - a. Troubleshoot and check connections if necessary.

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

WHEN TO DRAIN YOUR CATCH CAN

- The recommended draining interval for this catch can is after each oil change or track event.
-  Fluid will only start to appear in the reservoir after the filter is fully saturated, which occurs after approximately 200 miles of street driving.

DRAINING THE CATCH CAN WITHOUT A DRAIN LINE

-  Draining the catch can without a drain line only takes about 30 seconds.
1. Remove the thumb screw.
 2. Disconnect the lines
 3. Carefully lift the catch can.
 4. Remove the reservoir and drain.
 5. Reinstallation is the reverse of removal.