

Elite Engineering Catch Can Install 2010 Camaro (LS3)



Tools Needed:

- Flat Head Screwdriver
- 6mm Allen Wrench
- Razor Knife
- Pliers/Vise Grips
- 1/8" Allen Wrench
- 15mm Socket or Wrench

Installation Instructions:

1. Disconnect negative side of battery to avoid any potential electrical problems.
2. Locate belt/pulley tension bolt on passenger's side of engine.

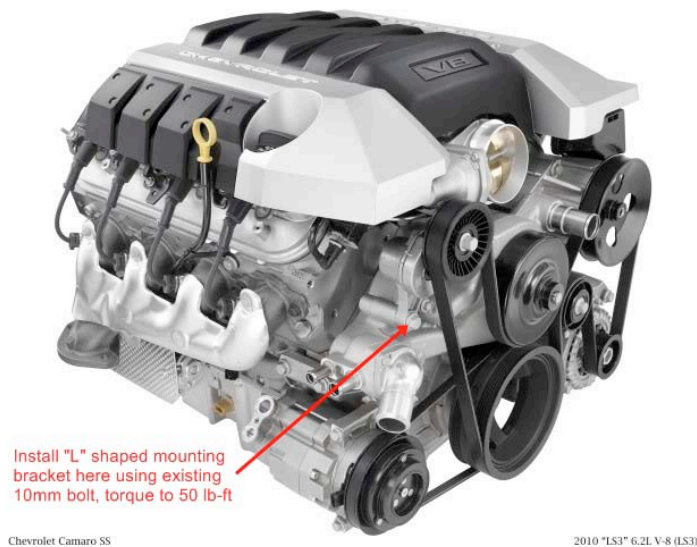


Figure 1: Location "L" Mounting Bracket

3. Using a 15mm socket, carefully loosen and remove this threaded bolt.

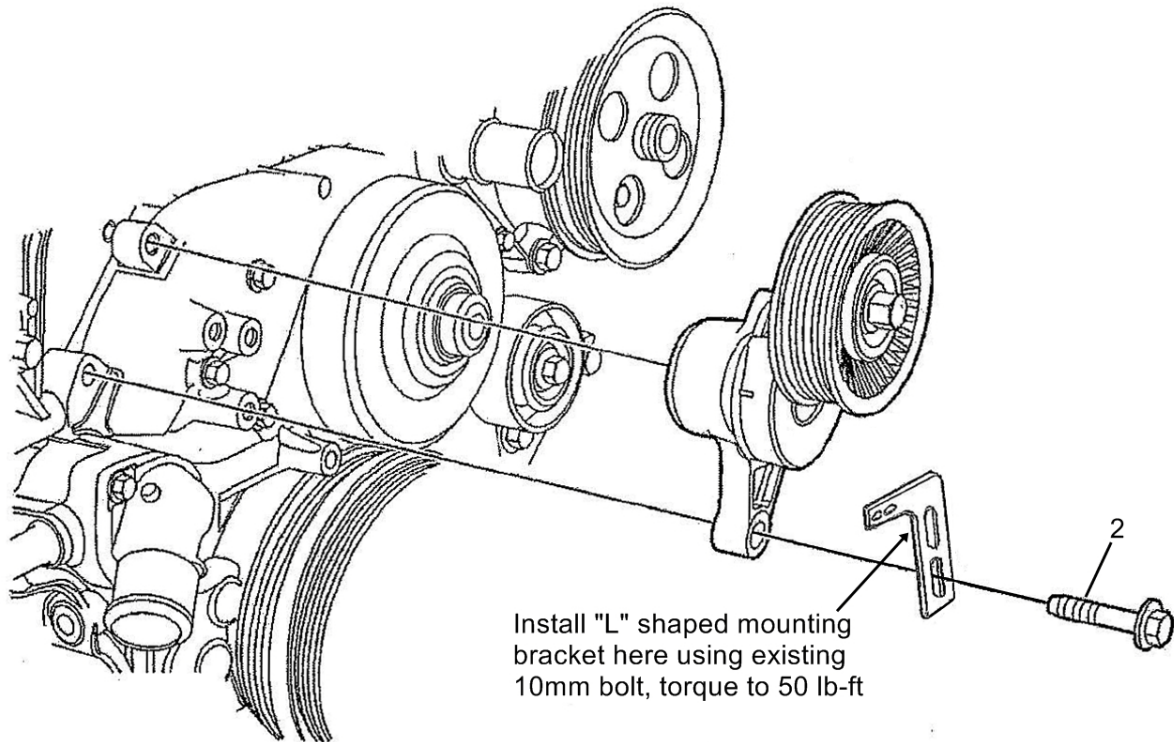


Figure 3: Belt Drive Tensioner, engine: 4.8L, 5.3L, 6.0L, 6.2L, or 7.0L

4. Insert and Install the provided "L" shaped bracket as shown above using existing 10mm bolt, shown as #2 in figure 3.
5. Hose Barbs should be threaded installed into Catch Can at this time. Point the barb fittings in the orientation as shown in Figure 7. Once the "L" bracket is installed, you cannot rotate the Exit (side) hose barb.
6. Secure catch can onto mounting bracket using (2) M10 machine screw and 6mm Allen wrench. Try to get assembly as level as possible. Adjustments can be made once catch can is installed.

7. Locate existing PCV line to the left of the throttle body and remove. It helps to first unclip EVAP lines by squeezing white tabs. Use flat head screwdriver to push tabs up on PCV line to disengage from engine as seen in Figure 5 below.



Figure 4: Location of PCV Line



Figure 5: Removal of Stock PCV Line

8. Install included rubber hose and two (2) included hose clamps onto PCV outlet and inlet as seen in Figure 6.



Figure 6: Rubber Hoses Installed on PCV Outlet and Inlet

9. Install and tighten 90° NPT elbows onto catch can. Both elbows should be pointed to face engine once catch can is installed. Install catch can onto bracket using two (2) included 1/8" machine screws and 1/8" Allen wrench.



Figure 7: Catch Can Installed on Bracket

10. Route rubber hoses to catch can inlet and outlet and cut to fit with razor knife. Secure with two (2) included hose clamps. Figures 8 and 9 show hose routing.



Figure 8: Hose Routing from PCV Inlet and Outlet

11. Check that catch can is level and that hoses are securely attached. Re-connect negative terminal on battery, start car, and check for leaks at catch can attachment points. Catch can bottom and mesh filter should be removed, emptied, and cleaned at each oil change.
12. Enjoy the advantages of no oil in the intake from now on!

For installation questions contact sales@eliteengineering.com

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