



LG G2 SUPER COOL C7 TRANS COOLER



Tools Needed:

1. Drain pan
2. Jack and jack stands
3. screw driver
4. assorted metric sockets and ratchet (7mm, 8mm, 10mm, 13mm)
5. Hose pliers

Parts Inventory:

1. Cooler

Instructions:

Prep:

Un-pack all of your items and inspect for any damage. Be sure to report anything wrong as soon as you receive your package.

Install:

Start your install by supporting the car with 2 or 4 jack stands on a level surface enough to place a drain pan under the nose of the car. Never work on the cooling system with the car hot!

For the install you will need to remove the driver side rear quarter panel to access the stock cooler location. Start by opening the gas door and removing the cover. The cover comes off by sliding the cover outwards as shown in figure 1. Once the cover is removed you can take out the inner boot.



Figure 1: Removing gas door

The inner boot has three screws that hold it in place, remove those and you can start by pulling the rear part outwards and then rotate it around the filler neck and out. Follow along in figures 2, 3, and 4 shown below.



Figure 2: Inner gas door boot.



Figure 3: Inner boot removal



Figure 4: removal inner boot



Figure 5: inner boot removed.

Once this has been removed you can start the process of removing the rear quarter panel from the car. First step is to remove the driver rear wheel and inner fender liner. You will need a clip removal tool and 7mm nut driver to remove this from the car.



Figure 6: Inner fender liner



Figure 7: bolts inside trunk lip



Figure 8: inside door jam

There is also one hidden bolt behind the tail light vent. You remove the vent by pulling on the vents towards the outside and gently work it out of the clips until it starts to pop loose from the body.



Figure 9: vent removed



Figure 10: Inside bolt to fender removed under tail light

Once all bolts and all clips have been removed it is now time to remove the fender from the car. You will pull out slightly at the front edge to clear the lip of the body and from the window. Then you will pull forward to release the fender from the clips at the back bumper cover.



Figure 11: All bolts and inner panels removed

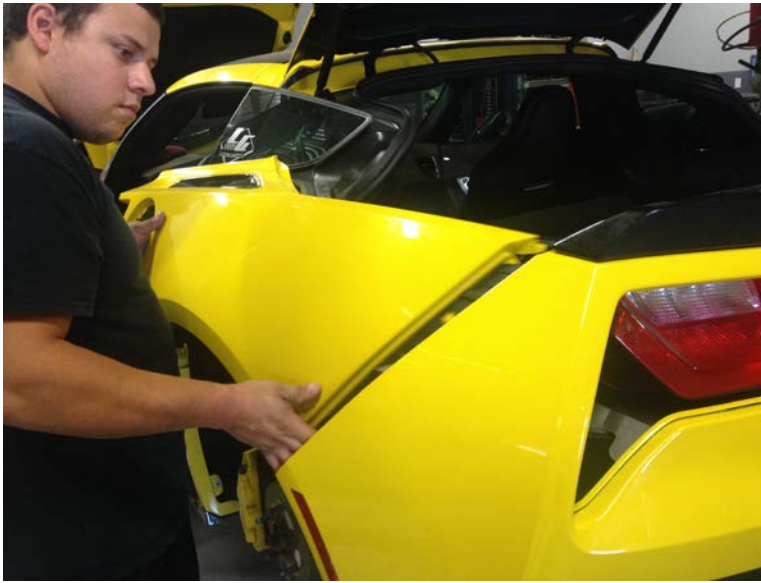


Figure 12: pulling fender forward to release clips.

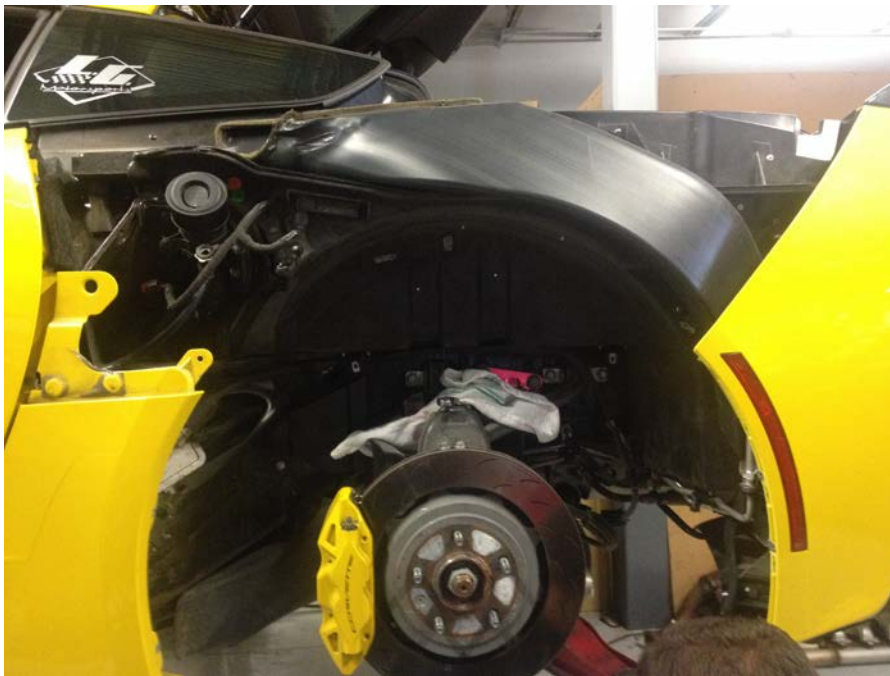


Figure 13: Fender removed

Now you can clearly see the duct work for the trans cooler and the location of the cooler at the back of the car. The next step to do is going to be removing the cooler lines from the cooler so you can remove the unit from the car. You will need a small screw driver or pick to remove the quick disconnect lines. Have a bucket or drain pan ready under as you will loose some fluid during this process. A vac. cap works great for capping the lines off to keep dirt from entering or loosing a lot of fluid.



Figure 14: removing line clip



Figure 15: removing line



Figure 16: Line removed

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Sergio De La Torre
President LG Motorsports



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