

## **E<sup>2</sup>** Elite Engineering's Frame-Rails Installation on a C5 & C6 Corvette



**Before**



**After**

### Summary

Congratulations on your purchase. Below you will find detailed instructions on how to correctly install and permanently attach your set of **Frame-Rails**.

**Keep in mind the “Red” Frame-Rails shown in the pictures are for view clarity only, your set of Frame-Rails will be black in color.**

If you have any questions during the install, don't hesitate to give us a call.

### Recommended Tools:

- Elite Engineering's **Frame-Rails (right and left hand)** and hardware.
- Electric Hand Drill
- Center Punch or nail and hammer
- Pilot Drill, approx. 3/32" diameter
- 3/16" Drill bit
- Loctite

Be sure your car is safely and securely lifted before attempting this installation. The use of jack stands and/or Rhino Ramps is highly



**Take note of the Passenger's Side and Driver's Side Frame Rails**

They are not identical. There is a right and left hand rail.

Aluminum Frame Rails  
with Lifting Pads

Passenger's Side



**First, Hand Fit your Frame-Rails into position:**

The two lifting pads will fit into the same location that you used to install your Jacking Pads.



**Marking the holes to drill:**

It may be easier to temporarily hold the Frame-Rails into position with a floor jacking while drilling.

Next use a Center Punch or nail to mark the (4) countersunk screw holes.



**Drill a Pilot Hole:**

Using a Hand Drill; drill a small pilot hole (approx. 3/32") in each of the (4) four countersunk screw holes. To protect the surface finish, you may want to remove the Frame-Rail prior to drilling.



**Drill the final hole:**

Next using a Hand Drill again, drill through each Pilot Hole using a (3/16") drill bit.



**Screw the Frame-Rails into place:**

Once all four holes have been drilled, it is now time to secure the Frame-Rail into place using the (4) supplied stainless steel sheet metal screws.

Be careful that you do not over-tighten the screws.

It is recommended to add a little locktite to each screw before tightening.



Once all four screws have been installed, you can now install the Frame-Rail on the Passenger's Side.

Congratulations on the installation. Here are a few more pictures of the completed installation:

