Part #  Description
#21-28  Rear shock crossmember for 2-piece frame (36" long)
#21-76  Rear shock crossmember for 1-piece seamless frame (35 1/4" long)

When Chevrolet originally designed our Classics the rear shock absorbers were mounted to the underside of the trunk floor. This caused a harsh ride and over the years the trunk floors often become broken out around the shock mounts. Our one piece rear shock crossmember is designed to mount the shocks where they should have been - on the frame! This crossmember is especially necessary on Classics using gas shocks or air shocks. Our shock crossmember will keep the shocks at their original angle and will make for a much stronger mounting location!

CCI carries 2 types of rear crossmembers, one for the two piece frame and one for the one piece frame. At the mounting of the shock crossmember the one-piece frame will measure 35 1/4-inches between the side rails and on the two-piece frame the measurement will be 36-inches. Please note that these measurements are approximate and vary between all cars.

1. Photo #1 shows the rear crossmember kit Part #21-76. This kit is for the seamless one-piece frame and includes the shock crossmember and all mounting hardware. Kit Part #21-28 is for the 2-piece frame and is the same except the length of the crossmember.

2. First install the crossmember in the frame and square it up by lining up the shock holes in the crossmember to the original shock holes in the floor pan. (See Photo #2.) When installing the crossmember you may find that you have to wedge the crossmember between the frame rails or that the crossmember seems to be about a 1/8-inch short. We found about a 1/8-inch variance in frame to frame measurements. This is caused from the frame sagging over the years. Note the shock mounting holes are on the front side of the crossmember.

3. Using a 3/8-inch drill bit, first drill the 2 inner holes on each side of the frame. (See Photo #3.) Remove the crossmember and from the inside drill out to make the outside holes. By doing this you can drill squarely through the frame. Make sure when you are drilling the outside holes on the passenger side of the frame you are careful not to drill into the fuel line.

4. Using the 3/8 x 3 3/4 bolts and flat washers run them through the frame and into the crossmember, securing them with a 3/8-inch flat washer, lock washer and nut on the inside. (See Photo #4.) Simply install the shocks to the original lower mounts and to the new upper shock crossmember. (See Photo #5.) You now have much stronger and a much more positive shock mount. Good luck!