The front and rear glass has been out of your '64 Impala way too long, the car is now painted and it's time to install new glass. In this "You Can Do It" tech article we'll be showing you just how easy it is to install new glass in your Impala. This is one of those restoration projects where having a friend to lend a hand is a real plus, drop a windshield or back glass and it could ruin your day!

**Tools Needed:**
- #10 Gauge Insulated Wire
- Liquid Detergent

**Time Frame:**
4-Hours

**Parts Needed:**
- 536417 1963-64 Tinted Windshield
- 536122 1963-64 Windshield Rubber
- 534016 Windshield Molding Clip Set
- 536415 1962-64 Tinted Rear Glass
- 536206 1962-64 Tinted Rear Glass Rubber
- 534017 Rear Window Molding Clip Set
- 563568 Windshield & Rear Glass Sealant

**Photo #1:** Both the windshield and the rear glass of the 1964 Impala are held in place by a rubber seal or gasket. Proper installation of these gaskets assures no water leaks. First install the rubber gasket around your new windshield. In Photo 1 you will note the #10 gauge insulated wire tucked into the groove of the gasket. This wire will serve as a tool for pulling the windshield into place. At the same time this wire will pull the gasket into proper position. Note that pull points overlap at both top center and bottom center of the windshield. Before attempting to install the new glass lubricate the new gasket with liquid soap. Never use any type of oil.

**Photo #2:** Before attempting to install the new windshield, spend some time making sure that the body is clean; and that there is no dirt or remaining pieces of the old gasket. Small pieces of dirt or old rubber could cause a leak. After you've cleaned the body, it's time to install the top and side glass clips found in clip kit P/N 534016. Note the placement of these clips in Photo 2.

**Tools Needed:**
- #10 Gauge Insulated Wire
- Liquid Detergent
Photo #3: It’s time to set our new windshield; here is where that friend comes into the picture. Remember all that liquid soap? Your new windshield is now not only large, it’s also very slippery. First set the bottom of the windshield into position, this will allow the bottom gasket to slide into place. One of you will now have to move to the interior of the car. Starting with the bottom of the windshield gently begin to pull on the wire. Work from the center out, moving each side about 4-inches at a time. While the wire is being pulled from the inside, your friend on the outside needs to apply pressure to the bottom of the windshield, work you way up the sides and across the top of the windshield.

Photo #4: The new windshield is now set, so it’s time to reinstall the stainless trim. First position the side stainless, next slide the top trim ends into the side stainless. You will note in the photo that we’ve added masking tape to our new paint job to protect it during this step. The top stainless trim will slip down between the gasket and snap into the clips around the window frame. You may find it necessary to “bump” the trim with the heel of your hand at the location of the clips. Do not use a hammer of any type for this step!

Photo #5: The lower windshield stainless is held in place by the balance of the windshield clip set. These clips attach to the bottom of the trim and screw to the cowl.

The installation of the rear glass will follow the same steps as that of the front windshield. Again, begin by making sure the body is as clean as possible. You will again insert the cord in the gasket to assist in setting the glass. Just like the windshield, having the helping hands of a friend is a must! The above illustrations will be helpful for clip location, P/N 534017 and relation of clips to body and gasket.

Photo #6: With the clips in position, it’s time to set the rear window glass. Again apply pressure on the outside of glass while pulling the cord or wire from the interior of the car.
Photo #7: When installing the rear window stainless, install the side and top stainless first. Just like the front glass stainless, the rear stainless will snap into the clips and hold the trim stainless tight to the body of the car. Don't forget to protect that new paint job! The bottom stainless is the last to be installed. The end clips on the lower stainless have studs and when tightened will hold the stainless tight to the body.

Just like that; your 1964 Impala now has both front and rear glass installed. Be sure to thank your friend for his or her helping hands, and if they should call you up; be prepared to return the favor! ️