

Rear Quarter Panel Repair FINISHED PICs!

I've run across some pretty bad RQPs and often they look like they're beyond hope. This one was warped and busted up pretty well, but I managed to get it straight. I figured I'd pass along a few tips.

Take the mounting brackets off. You can rivet them back later.

Take the foam off. It won't survive the repair process and its cheap and easy to replace.

Heat the warped area along the edge and toward the inside about 6-10 inches.

Use a real heat gun. A hair dryer doesn't get hot enough.

Get it hot enough so you can't touch it but not enough to burn it.

Clamp two pieces of 3 inch flat metal stock to each side.

Tighten the clamps enough to hold the metal in place.

While its still hot, slowly tighten the clamps.

Turn on some music and have a couple beers nearby.

If you hear cracking, stop and apply more heat.

Take your time. It took years for them to warp. It'll take a few hours to get them straight.

Once the clamps are tight, reheat the entire area.

Let it cool overnight.

Repeat the process if it didn't get it completely straight the first time.

If the curved B pillar or top section is warped, the same process works using a 2 inch pipe clamped into the concave area and a piece of sheet metal on the opposite side.

Replace the foam and mounting brackets & cut out the speaker holes

I didn't get a pic of adding resin and fiberglass to repair the cracks and adding broken sections back. Laying fiberglass is a whole other project for another time.

I've yet to add the leather cover but will post a pic when its done.







Rob Budd
91 S4