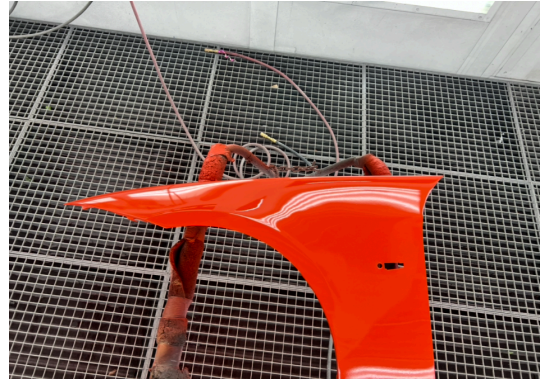


## BMW E9X 3 SERIES FENDER REPAIR WITH SOLIDWORKS MODEL

---

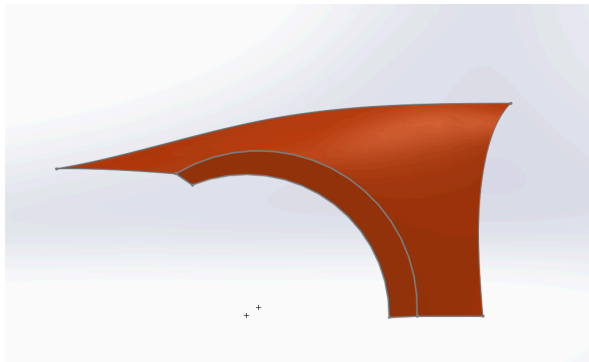


Body filler application



Final paint coat

- Developed the fender model using SolidWorks surface fill, 3D-sketch, and appearance tools
- The fender took a blow from a hammer along the bodyline. The bodyline was reformed using an autobody hammer and dolly to bring back the general shape
- Continued reworking the repaired area using body filler and finishing putty to eliminate surface imperfections, then primed the panel to ensure straightness, smoothness, and corrosion protection
- Applied automotive paint and clear coat in a professional paint booth
- Used 2009 BMW 3-Series blueprints to create top, bottom, and side reference views for fender modeling



SolidWorks Design



Finished Product

## FORD F-150 & 4TH GEN CAMARO FULLBODY RESTORATION AND PAINT JOB

---



Camaro initial condition



Final paint job



Camaro bumper work



Rust repairwork



Paintwork on smaller parts for F-150

- Worked alongside fellow classmates to fully rust-proof, develop rocker panels, and perform repair work on damaged bodywork on the Ford F-150
- Primed the bed side of the truck, and sanded down for a proper finish for the final paint job
- Disassembled the Camaro for a paint job, ensuring everything could be reassembled quickly
- Prepped the front plastic bumper for paint and primed the bumper
- Sanded down the surface of the Camaro to remove previous damage
- Masked and prepped the Camaro for the final paint job

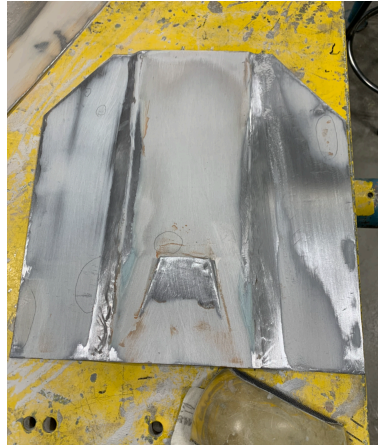


## MINI HOOD FABRICATION

---



Initial metal sheet



Repaired hood with welded hood vent



Fully painted

- Created a mini hood based on the classic Porsche Pink Pig racing livery
- Started from a 16x16 sheet of metal and fabricated, painted, welded, applied body filler/putty, and repaired the hood from damage caused by a hammer blow
- Successfully applied clear coat and decals to finish the look

## SHOP EXPERIENCE

---



- Conducted basic automotive services such as oil changes and tire mounting and balancing
- Reviewed damaged engines and differentials to better understand design weakpoints
- Reviewed vehicles from the factory to ensure quality compliance and reported vehicles that failed to meet quality standards to Ford Canada