

# LIGHT INDUSTRIAL CASE STUDY

## VEHICLE RESTORATION - UNDERCARRIAGE



### 1 SITUATION

An automotive enthusiast was restoring a vehicle and needed impact and abrasion protection on the undercarriage. The vehicle needed significant protection that would not chip or easily wear while also protecting from rocks and other road debris. It was imperative that the protection not interfere with the performance of the vehicle.

The enthusiast also wanted to maintain the original “look” of the vehicle by color matching the protection to the exterior paint.

### 2 PROCEDURE

The vehicle was brought into the local LINE-X® facility, on a rotisserie with all the application areas already sandblasted. The vehicle was masked and primed with SF-515. When the application window opened, the vehicle was sprayed with XS-100 to approximately 80-100 mils thick. Though 60 mils would provide sufficient impact and abrasion resistance, the customer chose a thicker application to provide increased sound dampening.

Putting the vehicle on a rotisserie allowed sufficient access to all areas so an even coat could be applied to the desired surfaces.

### 3 SOLUTION

LINE-X XS-100 was sprayed onto the undercarriage of the vehicle. The entire process takes two days to complete: one day to receive and

mask, another day to prime, coat and spray with LINE-X® XTRA.

### 4 RESULTS

The application was a success. The customer was happy to get additional strength for the uni-body sheet metal construction with LINE-X, making the undercarriage more stout and sturdy while also providing protection from road debris. The color matched LINE-X XTRA kept the original “look” of the vehicle the customer was requesting. The process did not interfere with the vehicle performance. LINE-X also provided the added benefit of noise abatement.

The LINE-X application used in this circumstance is often cheaper than painting or powder coating and it is much more durable.

