

THE PROCESS

Pre-Treatment processes are designed to remove oils, soils, buffing compound materials and oxidation, preparing for the best adhesion and coverage of subsequent processes.

In post-cleaning, a conversion coating is applied. For aluminum parts Pioneer uses a non-chrome, trivalent chrome or hexavalent chrome conversion coating while steel and stainless steel receive a zinc phosphate conversion coating. These pre-treatment processes meet the requirements of TT-C-490.

When applying organic coatings such as liquid, powder and e-coat paints, the pretreatment portion of the process is critical to ensure maximum performance of the coatings.

PERFORMANCE BENEFITS

- Best Adhesion
- Maximum paint coating coverage
- Enhanced corrosion resistance
- Reduced "creep" corrosion

THE OVERVIEW

Paint Pre-Treatments

At Pioneer Metal Finishing we have the capability to handle all your pre-treatment needs to insure your finished parts perform to their maximum potential.

[CLICK HERE TO VIEW IMAGES OF THIS PROCESS](#)

RECEPTIVE METALS

- Aluminum
- Steel
- Brass
- Iron Alloys
- Copper

MAX LOAD CAPACITY

Varies by process

SPECIFICATIONS

TT-C-490



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