

# Pro-Lift Rust Remediation Guide

1. JAR OF PENETROL
2. JAR OF DULUX ENAMEL FULL GLOSS APO GREY (WITH 5% PENETROL ADDED)
3. SANDPAPER PAD

Wash up is with mineral turps.

We recommend treating areas where rust is visible, but any treated area will form a bond eliminating future rust.

## INSTRUCTIONS

1. Clean metalwork and dry.
2. Use sandpaper pad to lightly remove any loose rust (you can dip the pad in Jar #1).
3. Apply Penetrol to rust spots and allow 24 hours to dry. Once dry, the rust should have a shiny finish. If not, repeat Step 3.
4. Stir and apply Dulux Enamel Full Gloss APO Grey.
5. Recoat after 24 hours if necessary.

## PRODUCT INFORMATION

### **Penetrol makes it easy to control rust. But what makes rust?**

Ordinary paint and primers “bridge” over any small metal surface imperfections. Under this “bridge”, air is trapped. Air contains moisture and this mixture of oxygen and hydrogen forms iron hydroxide, i.e. rust. Take one of them away and you eliminate rust.

Under a microscope, rust looks like a sponge full of air. Penetrol, due to its low surface tension, will penetrate through this sponge, driving out the air and moisture and thoroughly saturating the rust right down to the unattacked iron or steel.

It has taken away the “food” rust needs to form and, by turning the existing rust into a protective coating, further rust formation is stopped. The paint is assured of 100% contact with the metal surface – the essential requirement for adequate metal protection.

### **Penetrol works, and that is why it is used and recommended by people working in major shipping companies, the roughest environment of all.**

Use Penetrol on structural steel, cast and wrought iron, wire fences, cars, trucks and trailers, corrugated iron, garden tools, tanks and anything made from ferrous or non-ferrous metal. Penetrol flows smoothly into crevices, welding seams, pipe joints and other areas that are hard to reach with brushes (such as the inside of car doors).

### **Penetrol makes it easy to stop and prevent further rust.**

Saturate the rusted surface with Penetrol until it has a shiny appearance. When dry, continue with any oil, alkyd or water-based paint. The main thing to remember about treating rust is that if you cannot reach all areas of all surfaces, you are ultimately wasting your time. There is no need to remove tightly bonded rust.

