



The strip down and cabinet repaint

1. Take plenty of photos of both the inside and outside of the machine, as well as the play field. You will need them at a later date when reassembling.
2. Remove the cabinet glass and back glass from the back box and store in a safe place.
3. Unplug all connectors between the cabinet and back box, coin door etc.
4. Remove the play field interior electrical board and back box board and store safely.
5. Remove the coin door, coin mechanisms, door strike plate, coin entrances, lock down bar plate, all parts and brackets. Keep all nuts and bolts in a safe place. The stainless steel side rails may need to be removed if you have plans on having them professionally restored. (More on this will be written at a later date). Remember take photos if you are not confident of where all goes back together.
6. Take photos of all artwork. (This process is covered on the artwork page). If you plan to stencil and paint, you will need a trace over the original artwork for stencil cutting later.
7. Before the removal of all the old paint, ensure that you record the cabinet base and artwork colours. Samples of the base colour can be taken from behind the door strike plate. Artwork colours can be matched against a colour chart if stenciling / painting. (Fading of artwork colours over time need to be also taken into account)
8. Best to use paint stripper as old paint may contain lead. Sand off any excess paint, fill holes, scratches and sand back, finally inspect all woodwork both inside and outside and repair where necessary. The more preparation here will give you a better end result.
9. Apply paints using a roller or spray gun (better finish) with a minimum of two coats of undercoat (acrylic based is recommended). Sand to a smooth finish after each coat using 400 grit sandpaper. A repaint of the cabinet interiors should not be overlooked.
10. Apply two final coats of satin enamel and allow to dry completely between coats.

Part cleaning and rebuilding mechanical units

It is wise to strip down and give a complete overhaul to all mechanical units. Bulbs, screws, bolts, brackets, stepper units, score reels, chime units, pop bumpers and other assemblies can all be cleaned and polished with some replacement parts being available from various suppliers both local and overseas.

1. Start by removing rust from cabinet parts only (Ranex). Brush and clean with a wire brush, wire wheel or sander and completely remove all dirt and grease. Parts may be professionally zinc plated or painted immediately (Undercoat then final coat). Some parts can be simply cleaned and polished.
2. Chime boxes, knockers, bells, flipper switches etc can all be cleaned next, these are not complex to dismantle and reassemble, however take photos if you are not confident.

Tip: Once all parts are clean, assemble completely and place in a plastic bag.

3. EM problems can come from the more complex stepper units, score motor, target banks and score reel assemblies. These will all need to be inspected, and I do recommend to strip and clean them thoroughly. Spring tension is lost on these units over time and may also need to be replaced / adjusted.