



PRINTER PAT FACT SHEET

FITTING INSTRUCTIONS FOR REPLACEMENT DUCT BLADES

Thank you for purchasing your replacement Duct Blade from Press Parts. If fitted and used correctly it will give several years good service and work as an accurate metering system; feeding ink precisely where required.

FITTING INSTRUCTIONS

- Remove the old duct blade after taking out the bolts. The flexible front part of the blade is bonded to a much thicker backing plate and the complete blade can be quite heavy, so take care not to drop it!
- Take out all of the duct keys and soak them in ink stripper. Clean out all the remaining ink deposit in the duct. The duct end cheeks are not normally disturbed if they are a good fit on the end of the duct roller.
- Offer in the new duct blade. It is perfectly normal for this to be slightly too large to fit in between the duct cheeks. Do not reposition the cheeks. You must file the end of the blade carefully with a fine file keeping it square until it is a snug fit. When correct there should be hardly any gap between the blade and the cheeks. If there is a gap the ink will seep through but you can use some silicon sealant underneath the blade end if there is a gap.
- Insert the bolts into the new blade but do not tighten. Tighten the duct into its working position and then slide the new blade until there is a 0.3 – 0.4mm clearance to the duct roller. Tighten bolts from the centre out.
- Smear some grease under the blade and insert the duct keys.

A WORD TO THE WISE

Whilst Printer Pat would never dream of teaching his grandmother to suck eggs, it is true that most duct blades do not last as long as they should due to poor use. Here are a few tips to keep your new blade working “puka” for a long time.

1. Never run the press with the duct dry and tightened.
2. Never allow the blade to contact the duct roller, even at the ends.
There should always be a thin film of ink coming out of the whole length of the blade.
3. When the press is idling you should not be able to see any bare steel of the duct roller.
4. Occasionally check you are not over tightening duct keys by temporarily locking up the duct when clean.
The duct roller should turn freely without any scraping noise from the blade.

NEED HELP

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