

Maxi/Mini Heat Press

How to change a Fabricated Arm

Replacement/Removal of Fabricated Arm

N.B. Before undertaking any work, switch off the power supply to the machine and unplug the machine from the electricity supply

1. Remove pin from pressure handwheel using 4mm punch (pic 1)
2. Unscrew handwheel anti clockwise from adjusting stud (pic 2)
3. Remove the two socket head screws (front and side) holding the instrument cover, with a 4mm Allen key (pic 3)
4. Lift up instrument cover from the back of press (pic 4)
5. Remove Heat Plate and probe wires from controller (pic 5)
6. Using a 10 mm spanner remove the earth wire from side of fabricated arm (pic 6 inset)
7. Remove Heat Plate spring (situated at the rear of the Heat Plate) (pic 6)
8. Remove Yoke pin with a 10 mm punch after unscrewing Grub-Screw (or Circlip if applicable)
9. Swing Heat Plate around to back of press and lower down, taking care to support the weight of the Heat Plate
10. Feed wires and guide post out from fabricated arm and put heat plate on a soft non-abrasive surface, making sure not to damage printing surface
11. Remove all wiring from Fabricated Arm (pic 4 arrow-a), including Micro Switch (pic 4 arrow-b), lift Hood clear of Fabricated Arm (pic 4)
12. Remove Cast Arm from Fabricated Arm (pic 5)
13. Remove Circlips from Outer Pin (pic 7 arrow-a)
14. Remove Outer Pin with 10mm Punch (pic 7 arrow-b)
15. Lift complete Toggle Assembly from between left and right Pivot Arm
16. Remove Circlips from Inner Pin (pic 8 arrow-b)
17. Taking weight of Left and Right Pivot Arm, unscrew Adjusting Stud out from Thrust Bar Pin (pic 9)
18. Lift Left and Right Pivot Arm and Thrust Bar Pin out from Fabricated Arm taking note of their position for future reference
19. Remove Grub Screw from Collar holding Pressure Stud. Unscrew Stud out of Collar and lift clear of Fabricated Arm (pic 9)
20. Remove Retaining Plate from Base (pic 10)
21. Remove Large external Circlip, which holds Fabricated Arm into Base (pic 11)
22. Lift Fabricated Arm out of Base with a twisting motion

Re-installation of replacement Fabricated Arm

1. Installation is a reversal of removal

