London Emblem
PLC

BADGEMAKER 5

BADGE MACHINE INSTRUCTIONS

Please keep these instructions for future reference

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BADGEMAKER 5 INSTRUCTIONS

ASSEMBLY OF BADGEMAKER 5

Remove body and handle from packaging and dispose of all packing filler. Component references (e.g. 5/16, 5/15 etc.) can be found on page * of the Instruction Manual. **To assemble your Badgemaker**:

⇒ Remove die set (5/1 – 5/13) and (5/24 – 5/27) from packaging and secure top die (5/24 – 5/27) to main shaft (5/18), locating pin in top die (5/24 – 5/27) with slot in rear of the main shaft (5/18). Ensure that bar on the top die points to the rear of the body (5/16) and secure by tightening screw with the allen key supplied.

⇒ Loosen hinge grub screw (5/29) with allen key supplied in body base (5/16) and remove hinge pin (5/32). Fit bottom die assembly (5/1 – 5/13) to body base (5/16) inserting hinge pin (5/32) through hole in base plate (5/12) whilst pressing down firmly on bottom die assembly (5/1 – 5/13). Secure hinge pin (5/32) in body base (5/16) by tightening hinge pin grub screw (5/29).

As with all production machinery, the working surfaces of the Badgemaker 5 should be kept clean and free from dust. Only the very minimum of lubrication, using grease, is advised and this should be applied only to the surfaces of the shaft assembly and to the ball bearing on the base of the casting. It is important to regularly tighten all screws and bolts. Do not overtighten. Ensure that the handle is kept tightened into the hinge block.

KEYS TO SUCCESSFUL BADGEMAKING

⇒ Whichever type of Badgemaker is used, it is important that it is operated in a secure position either through use of a G clamp or mounted onto a board or bolted to a stable work surface.

⇒ Recommended thickness for prints when used with acetate film is between 80gsm and 115 gsm (e.g. standard photocopying paper is 80gsm).

⇒ After loading die, always ensure that it is located under the top die.

⇒ Metal tops and rings as well as plastic seals can stick together, so always check that only one at a time is used.

⇒ Never allow the machine handle to spring back.

STEP BY STEP GUIDE BADGEMAKING

Stage 1

Place metal badge top (rim down) in right hand die in circular slot. Cover with cut out print (printed side up) and one plastic film. Swing right hand bottom die under top die and pull handle firmly towards you to complete first stage.

Stage 2

Place pinned back (zigzag side of pin showing) in left hand die. Swing left hand bottom die under top and pull firmly towards you to complete assembly. Swing die set to the left to remove finished badge from machine.

Making Mirrors

Complete stage 1 of the badgemaking process then place metal ring smooth side down followed by mirror glass (mirror face downward) and cardboard spacer into the left hand die. Swing left hand die under top die and pull handle firmly towards you to complete assembly. Swing die set to the left to remove finished mirror from machine.

Making Magnets

Complete stage 1 of the badgemaking process then place unpinned back (rim upwards) into left hand die. Swing left hand die under top die and pull handle firmly towards you to complete assembly. Swing die set to the left to remove badge from machine and to complete, peel paper backing from magnet and stick to the centre of the badge back.

Making Keyrings

Complete stage 1 of the badgemaking process then place plastic ring smooth side down into left hand die. Swing left hand die under top die and pull handle firmly towards you to complete assembly. Swing die set to the left to remove badge unit form machine. To complete assembly, join one 24mm split ring to one 13mm split ring and then thread the smaller split ring through hole in plastic fob. Locate lugs in fob to plastic ring of badge unit and snap together by hand.

Making Photo Stands

Complete stage 1 of the badgemaking process then place black plastic ring (smooth side down) into the left hand die. Swing left hand die under top die and pull handle firmly towards you to complete assembly. Swing die set to the left to remove badge unit from machine. To complete assembly locate lugs in photo stand to black plastic ring of badge unit and snap together by hand.

Making Bottle Openers

Complete stage 1 of the badgemaking process. Place the enclosed washer in to the base of the die then place the bottle opener on top of the washer. (The washer is only supplied for height purposes for the bottle opener to connect to the top). Swing left hand die under top die and pull handle firmly towards you to complete assembly. Swing die set to the left to remove finished bottle opener from machine.

CHANGING DIE

Remove bottom part of die from base plate. Turn the machine up and locate grub screw securing top die. Remove grub screw using allen key supplied. Replace top die with required size and re-secure with grub screw. Place the required size bottom die to the base plate, this will slot into place.

ALTERING THE SIZE OF THE ROTARY CUTTER

Turn the rotary cutter over and remove the grub screw from centre using allen key. Then slide the cutting arm to the required position, sighting recess on shaft through aperture left by the removal of grub screw. Replace grub screw and tighten.

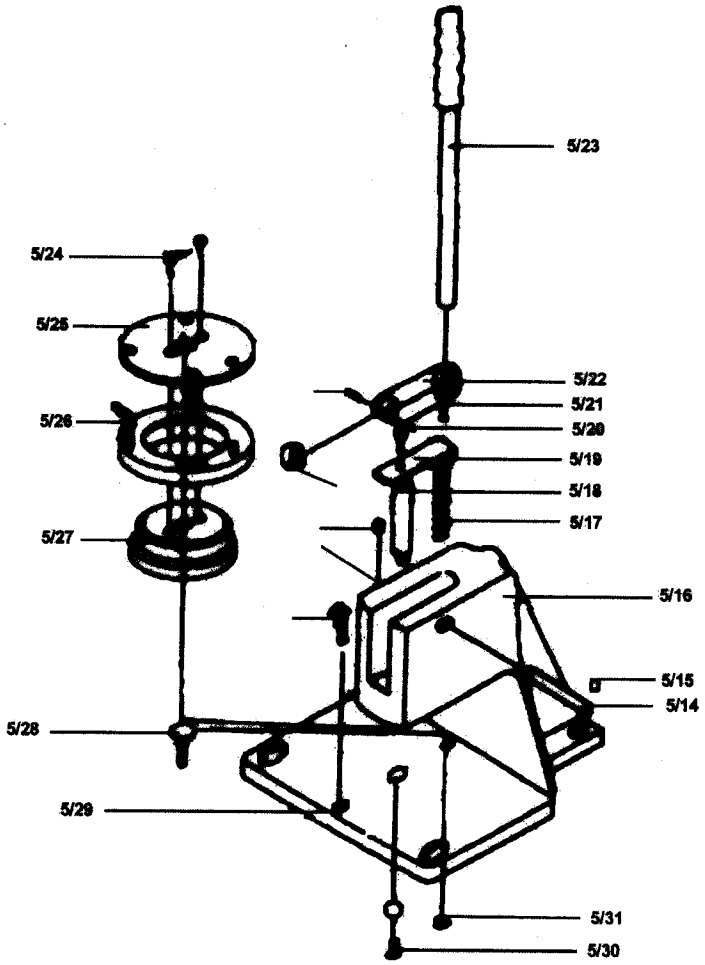
TROUBLE SHOOTING

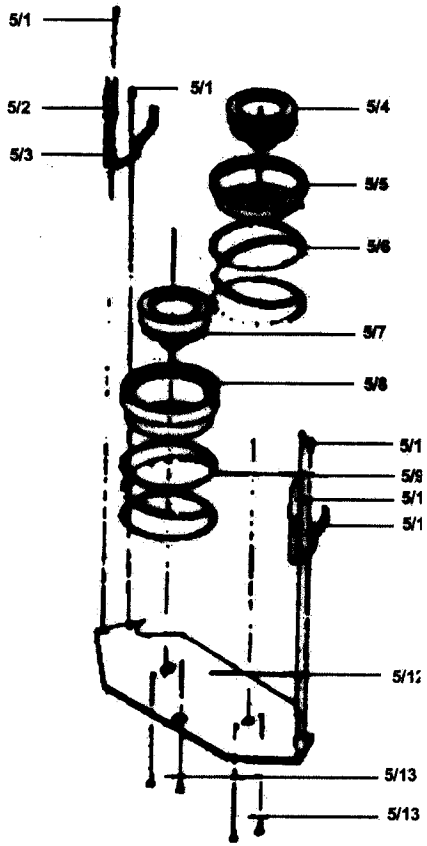
If a badge does not make up properly check:

⇒ That only one top of plastic seal has been used. If two tops or seals are stuck in the top die they can be ejected by operating the second stage of badgemaking with the die empty

⇒ That sufficient pressure has been used on the second stage of badgemaking. To ensure prefect crimping of the badge, pull handle firmly towards you.

BADGEMAKER 5 PARTS LIST





No.	Component	38mm	55mm
5/1	Bracket Screws	5/1-38	5/1-55
5/2	Plastic Cover	5/2-38	5/2-55
5/3	Bracket LH	5/3-38	5/3-55
5/4	1st Operation Die	5/4-38	5/4-55
5/5	1st Operation Die Ring	5/5-38	5/5-55
5/6	1st Operation Die Spring	5/6-38	5/6-55
5/7	2nd Operation Die	5/7-38	5/7-55
5/8	2nd Operation Die Ring	5/8-38	5/8-55
5/9	2nd Operation Die Spring	5/9-38	5/9-55
5/10	Plastic Cover	5/10-38	5/10-55
5/11	Bracket RH	5/11-38	5/11-55
5/12	Base Plate	5/12-38	5/12-55
5/13	Base Plate Screws	5/13-38	5/13-55
5/14	Upper Hinge Pin	5/14-38	5/14-55
5/15	Circlips	5/15	5/15
5/16	Press Body	5/16	5/16
5/17	Shaft Return Spring	5/17	5/17
5/18	Main Shaft	5/18	5/18
5/19	Shaft Top Plate	5/19	5/19
5/20	Shaft Top Plate Screw	5/20	5/20
5/21	Cam Screw	5/21	5/21
5/22	Cam	5/22	5/22
5/23	Handle and Grip	5/23	5/23
5/24	Punch Top Plate Screws	5/24-38	5/24-55
5/25	Punch Top Plate	5/25-38	5/25-55
5/26	Top Punch Ring	5/26-38	5/26-55
5/27	Top Punch Die	5/27-38	5/27-55
5/28	Stop Pin	5/28	5/28
5/29	Hinge Pin Grub Screw	5/29	5/29
5/30	Ball, Spring & Screw Assembly	5/30	5/30
5/31	Stop Pin Nut	5/31	5/31
5/32	Hinge Pin	5/32	5/32
5/33	Circlip	5/33	5/33
5/34	Cam Roller	5/34	5/34
5/35	Cam Roller Pin	5/35	5/35