

LOCK IT WELL

“A” & “R” SERIES KEY OPERATOR

PINNING INSTRUCTIONS

To accommodate the small diameter of the lock case exact loading of top pins must be used, in conjunction with special springs part “MTSP”.

For LOCKWOOD use 570 series barrels

The top pins used are lengths 5-14. Lockwood Master pins may be used for lengths 5-9 and or LAB pins series [T5] in 14 lengths from .075 through to .210. The selection of top pin is derived by totaling the bottom pin size plus all it's associated master bits.

TOTAL PIN LENGTH	TOP PIN SIZE	L.I.W. PIN	PIN LENGTH
0	14	MTP14	0.210
1	13	MTP13	0.195
2	12	MTP12	0.180
3	11	MTP11	0.165
4	10	MTP10	0.150
5	9	201/49	0.135
6	8	201/48	0.120
7	7	201/47	0.105
8	6	201/46	0.090
9	5	201/45	0.075

eg. bottom pin length = 1
 master pin length = 4
 master pin length = 3
 total pin length = 8
 now subtract “14” = 6 this
 being the required top pin
 length.

**Note: It is critical that
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 to 14**

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As there is minimal space in each pin chamber careful calculation should be made. It should be noted that the pin spring is specifically designed and must NOT be substituted. Alternate springs will cause jamming of cylinder.

On completion of loading the barrel cam is secured. Be careful not to over tighten the cam screws and check key for free smooth movement.

The locking roller may now be placed into position over the cam by sliding in from rear of cylinder.

Fit centralising spring part no R03 and check that the cam is returning to the central position and allowing easy withdrawal of the key in the relaxed position.

The rear drive cam may now be screwed to the cylinder using the two screws provided.

Check that the retaining ball bearing is in place.

WARNING:- Do NOT disassemble the switch under any circumstances.

TO REMOVE / REPLACE CYLINDER

- 1/ Note position of arrow on cylinder.
- 2/ Insert a 1.5mm (AF) Allen Key into hole on cylinder front and unscrew anti clockwise to stop.
- 3/ With Allen Key still inserted, insert the operating key and turn against the Allen Key.
- 4/ Slide the Cylinder out of Housing.
- 5/ For the Auto series the cover will now slide up and out to reveal the mounting screws.
- 6/ To refit reverse the above ensuring the arrow is in the noted position.