A1

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#14

INSTRUCTIONS TUBULAR LOCK SAW

For use on standard #137. Cuts away the lock case while leaving tumblers intact for decoding. If decoding is not required, remove bottom pins then strike lock face with mallet. This will bounce top pins out after cutting the case.

Do not use on hardened locks. Check hardness first with a file. Do not use on locks with dead-pins. Run drill @ 1000 rpm & use eye protection.

Feed heavily at first to penetrate chrome plate, then ease pressure.

As the saw breaks through, gently bottom it into the lock. Without removing saw, stop the drill. Gently withdraw saw being careful not to allow pins to jump out. Remove bottom pins, working from upper left then counterclockwise. Lay pins in order of removal -left to right - on flat surface or in a numbered tray such as A-1's Waffle Tray.The #1 pin will be on the left since spacing for these locks is counter clockwise. Measure

...each pin with calipers & record its length & space #. Compare its length with the chart below & determine the depth #.

After decoding, remove top pins to open lock. Strike lock face until pins bounce out. If some pins remain, place a bottom pin in the chamber & push in with a wire. Quickly slipping the wire off the top of the pin will cause pins to shoot out of chamber. A tubular blank may now be used to turn lock to opened position.

Bottom Pin Length for Decoding

FORT GEM			A C E	
Code	Pin Length		Code	Pin Length
#0	.200		#1	.203
#1	.216		#2	.218
#2	.233		#3	.235
#3	.249		#4	.250
#4	.265		#5	.265
#5	.280		#6	.281
#6	.296		#7	.296
#7	.311			

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