



LockTech Kwikset Smartkey Decoder GEN 5 Accessory Kit Instructions

LT-GEN5-123D

This kit combined with the LTKSD will allow the user to decode Kwikset Smartkey GEN 5 KW1 locks.

Using and Inserting the LT-GEN5-123D Accessory Kit

- 1) Using the included GEN 5 Depth Chart Card, decode the lock using your LTKSD scope to read the lock just like you normally would on a GEN 1-4 KW1 Smart key lock.
- 2) Once you have read the lock using the LTKSD scope you should have something like the diagram below.

KW1	Position 1	Position 2	Position 3	Position 4	Position 5
Depth	4	1-3	1-3	6	1-3

- 3) At this point you will use the LT-GEN-123D tool(FIG 1) to read the depths for any spaces that read as 1-3. In the above example that would be positions 2, 3, & 5.
- 4) Note the black alignment rings on the wire with the feeler tip. These black lines are the Position Alignment Marks(FIG 1) to verify what position is being decoded.
- 5) Extend the Feeler Tip out from the tool as far as it will go, so that the Indicator Dial and Tension Dial are touching.
- 6) Note the double-sided arrow on the face of the Indicator Dial. This indicates when the Feeler Tip is orientated vertically to the lock cylinder. When inserting, removing, or when changing positions of the tool it is important to make sure the Feeler Tip is in this vertical orientation to prevent the Feeler Tip from getting caught on internal lock parts making removal more difficult.
- 7) Keeping the tool perpendicular to the lock face, carefully insert Feeler Tip into the lock as shown in (FIG 2) to the position needing to be decoded. Note: The Position Alignment Mark for the position to be decoded should be right at the face of the lock. For example, if you have two alignment marks showing outside of the lock with the 2nd one being right at the face of the lock the feeler tip should be at position 4 inside the lock.
- 8) Use light downward pressure(depending on the locks orientation) so that the feeler tip drops down into the locks Wafer Pocket(FIG 2 & FIG 3) that is to be decoded. To confirm it has dropped into the pocket lightly pull outward on the tool, it should not withdraw from the lock in this position. **(((Once the tip has dropped down into the pocket know that the tool will not come out of the lock in this position, like a decoder that uses a wafer trap.)))**
- 9) Carefully slide the Tension Dial(FIG 1) to the face of the lock making sure the Support Rods(FIG 1) enter the lock alongside the feeler tip rod as shown in (FIG 3)

Decoding the lock with the LT-GEN5-123D

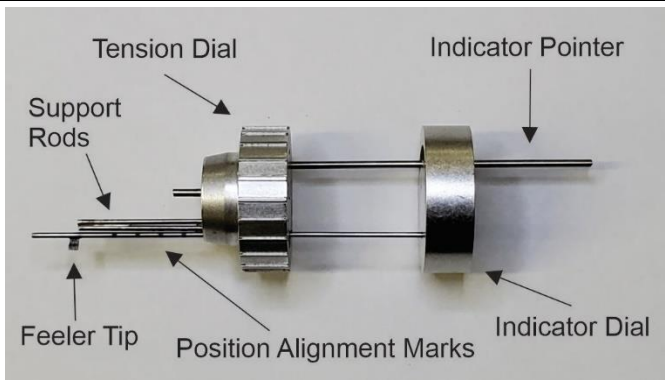
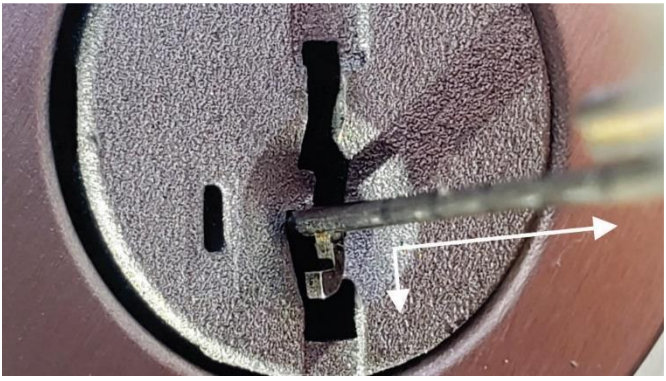
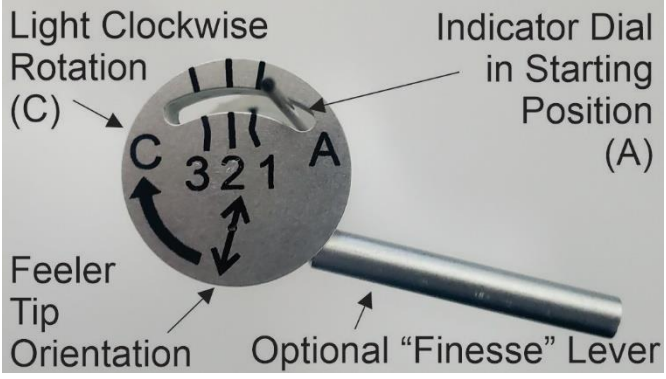
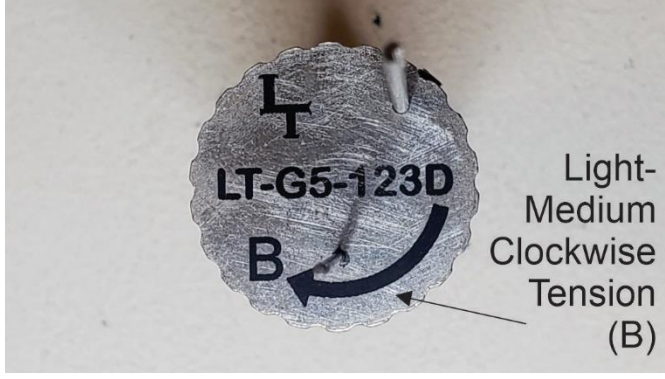
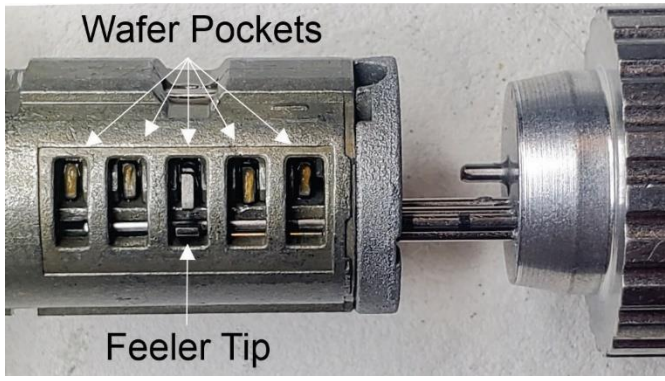
Once the tool is in position, simply follow the ABC marked on the tool in order.

- A) Lightly turn the "Indicator Dial" counterclockwise to the starting position marked by an (A).
- B) Rotate the "Tension Dial" clockwise with medium-light tension to bind the wafer being read.
- C) While holding medium-light tension on the "Tension Dial" rotate the "Indicator Dial" very lightly clockwise just until you feel the Feeler Tip contact the wafer. Read which number (1, 2, or 3) the indicator pointer is closest to on the indicator dial. NOTE: If you perform step C with too much tension you will lift the wafer and get a false reading. Optional: Use the included "Finesse" lever to increase sensitivity of when the Feeler Tip contacts the wafer.

Changing Positions &/OR Removing the LT-GEN5-123D

Use the following steps to move from one position to the next position that needs to be decoded or for removing the tool from the lock.

- 1) Slide the Tension Dial out from the lock face until it contacts the Indicator Dial.
- 2) Making sure the double-sided arrow orientation is vertical to the lock cylinder, gently lift the Feeler Tip Rod upward so that the Feeler Tip is no longer down in the lock's wafer pocket (FIG 3). Sometimes it helps to wiggle the tool clockwise and counterclockwise to lift the feeler tip up.
- 3) Once the feeler tip is lifted out of the pocket gently pull the tool outward from the lock to remove it keeping the tool perpendicular to the lock face. This same procedure is used to move the decoder from one position to the next.

Contents List			FIG 1	
#	ITEM	QTY		
1	LT-GEN5-123D Decoder	1		
2	KW1 GEN 5 Depth Chart	1		
3	Instructions	1		
4	Storage case	1		
5	Finesse Lever	1		
FIG 2				
Indicator Dial				
				
				
FIG 3				
Tension Dial			