



KW14R
by
**LOCK
TECH**

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Thank you for purchasing the Accu-Reader by LockTech wafer reading system. This system will allow you to read the KW14R keyways completely and accurately without the removal of the ignition. Following a few simple steps it takes only minutes to read the depths for each cut in each position for a complete key.

The Accu-Reader works on the process of elimination to decipher the correct depths of the lock. By checking the deepest cut first you eliminate what the cuts are not. Therefore it is essential to always read depth slide #4 first.

The Accu-Reader key is designed to be used for wafer positions 3-6 on one side of the key and wafer positions 1-2 on the opposite side of the key. All the positions can be read from one side of the key, however it is recommended to flip the key over and use the other side. This allows for reading the 12 wafer positions with a fully or almost fully inserted key, increasing the accuracy.

Please take the time to familiarize yourself with the tools and verify all pieces are accounted for from the list of contents below:

Package Contents:
1-Accu-Reader key
1-insertion/release slide
1-depth slide #4
1-depth slide #3
1-depth slide #2
1-Tube storage container
1-Tube Cap

USING THE ACCU-READER (6 space system)

1) Always thoroughly clean the lock with a electronics safe cleaner to free any potentially stuck wafers.

2) Use the alignment holes through the Accu-Reader key to assist in judging the distance from one wafer position to the next.

3) Place the insertion/release slide in the slot on the accu-reader key on the #3-6 side. Fully insert the accu-reader key into the keyway and remove the slide. The Accu-Reader key is now ready to read the #7 wafer. **(Note: If the Accu-Reader trapped a wafer shortly after inserting it into the keyway, use the release slide on the opposite side of the key to release the Accu-Reader. This happens when wafers fall into the trap slot for the 1-2 side, since these locks have wafers only on one side. Flip the Accu-Reader over and restart step 2).**

4) Always **start reading with the #4 depth slide tool, then proceed to #3 & #2 in order, if necessary.** Fully insert the depth slide into the AccuReader key. The alignment mark on the depth slide will line up with the **(Y) Yes** mark or it will line up with the **(N) No** mark.

a) If the #4 depth slide lines up with the **Y** then the depth for the #6 wafer is a 4. If the depth slide lines up with a **N**, then you must proceed to the #3 depth slide.

b) If the #3 depth slide lines up with the **Y** then the depth for the #6 wafer is a 3. If the depth slide lines up with a **N**, then you must proceed to the #2 depth slide.

c) If the #2 depth slide lines up with the **Y** then the depth for the #6 wafer is a 2. If the depth slide lines up with a **N**, then the depth for wafer #7 is a 1.

d) Repeat steps **a** through **c** for each wafer position until you have recorded the depth for wafer position 6, 5, 4, & 3.

e) Using the insertion/release slide remove the Accu-Reader key from the keyway and flip it over. Insert the insertion/removal slide on the #1-2 side of the Accu-Reader and fully insert the Accu-Reader key back into the keyway. You are now ready to read wafer position #2.

f) Repeat steps **a** through **c** for each wafer position until you have recorded the depth for wafer position 2 & 1.

g) You now have recorded all the positions to make a complete key.

TIPS& SUGGESTIONS

- 1) Always clean the keyway thoroughly before starting.
- 2) Use the diagram on the protective case to identify the YES line and the NO line when reading a lock.
- 3) Watch the demonstration video online at:
www.accureader.com

KW14R compatibility list

MAKE	MODEL	YEARS	SPACES
Kawasaki	Concourse (Can be KW14 or KW14R)	2008	6
Kawasaki	Classic & Nomad	1987-2001	6
Kawasaki	Vulcan 500, 800, 1500, KLR, KLX, Eliminator 125 (Can be KW14 or KW14R)	1987-2001	6