# X270 (ZADI)

by

## LockTech

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Thank you for purchasing the AccuReader wafer reading system by LockTech. This system will allow you to read the Zadi (X270) ignition and other locks without the removal of the ignition or other locks. Following a few simple steps it takes only minutes to read the depths for each cut in each position for a complete key.

The AccuReader 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 #4/3 first.

The AccuReader key is designed to be used for wafer positions 4-7 on one side of the key and wafer positions 1-3 on the opposite side of the key. It is recommended to start from the rear of the lock and work outward to the number 1 position.

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-AccuReader key
1-insertion/release slide
1-depth slide #4/3C
1-depth slide #4/3OS
1-depth slide #2C
1-depth slide #2OS
1-Tube storage container
1-Tube Cap

## USING THE ACCUREADER on CENTERED KEYWAYS

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

2)      Use the alignment holes through the AccuReader key to assist in judging the distance from one wafer position to the next. **CENTERED Zadi keyways have opposing wafers.**

3)      Place the insertion/release slide in the slot on the AccuReader key. Fully insert the AccuReader key into the keyway and remove the slide. The AccuReader key should trap a wafer without pulling out any. If the AccuReader key pulls out some before trapping a wafer, flip the AccuReader key over and resinsert fully to trap wafer #6. It is now ready to read the #6 wafer.

4)      Always **start reading with the #4/3C depth slide tool, and then proceed to #, 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 #4/3C depth slide lines up with the **Y** then the depth for space #6 wafer is a 4 or 3. If the depth slide lines up with a **N**, then you must proceed to the #2C depth slide.

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

   c)      Repeat steps a & b for each even wafer position reading 6, 4 & 2. Flip the AccuReader over and read spaces 5, 3, & 1.

   d)      Cut all 1's to 1's, 2's to 2's and 4/3 depths to a 3.5. The key should turn in the lock relatively easily, do not force. Any spaces that marked should be moved to a 4 depth and any spaces that did not mark should be recut to a 3 depth.

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

## USING THE ACCUREADER on OFFSET KEYWAYS

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

2)      Use the alignment holes through the AccuReader key to assist in judging the distance from one wafer position to the next. **OFFSET Zadi keyways have wafers only on one side.**

3)      Place the insertion/release slide in the slot on the AccuReader key. Fully insert the AccuReader key into the keyway and remove the slide. The AccuReader key

should trap a wafer without pulling out.  If the AccuReader key pulls out without trapping a wafer, flip the AccuReader key over and resinsert fully to trap wafer #6.  It is now ready to read the #6 wafer.

4)      Always **start reading with the #4/3OS depth slide tool, and then proceed to #, 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 #4/3OS depth slide lines up with the **Y**  then the depth for space #6 wafer is a 4 or 3.  If the  depth slide lines up with a **N**, then you must proceed to   the #2 depth slide.

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

c) Repeat steps a & b for each wafer position until you have recorded the depth for all 6 positions.

d) Cut all 1's to 1's, 2's to 2's and 4/3 depths to  a 3.5. The key should turn in the lock relatively easily,  do not force. Any spaces that marked should be  moved to a 4 depth and any spaces that did not mark  should be recut to a 3 depth.

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

## TIPS& SUGGESTIONS

1) Always clean the keyway thoroughly before starting.
2) If the lock is worn, unusually dirty, or inconsistent, try reading from multiple locks.  3) Watch the demonstration video online at: www.accureader.com
4) Keep slight upward pressure on the rear of the slide.  This will keep the tip along the bottom edge of the track as intended.

Accu-Reader ⟶ | OFFSET |
1  2  3  4  5  6

Accu-Reader ⟶ | CENTERED |
2  4  6
1  3  5