



## X234 Harley

by



[www.locktech.biz](http://www.locktech.biz)  
[accureader@locktech.biz](mailto:accureader@locktech.biz)

Thank you for purchasing the AccuReader by LockTech wafer reading system. This system will allow you to read the X234 ignition 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 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 first.

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
- 1-depth slide #3
- 1-depth slide #2
- 1-Tube storage container
- 1-Tube Cap

### USING THE ACCU-READER

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.

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 is now ready to read the space #5 position. **(Note: If the AccuReader fails to trap a wafer flip the AccuReader over and reinsert).**

4) Always **start reading with the #4 depth slide tool, then proceed to #3, then #2 (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 #5 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 #5 wafer is a 3. If the depth slide lines up with a **N**, then you must proceed to the #2 depth slide.

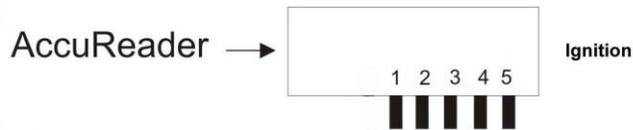
c) If the #2 depth slide lines up with the **Y** then the depth for the #5 wafer is a 2. If the depth slide lines up with a **N**, then the depth for wafer #5 is a 1.

d) Repeat steps a through c for each wafer position until you have recorded the depth for wafer positions 5-1.

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

**TIPS & SUGGESTIONS**

- 1) Always clean the keyway thoroughly before starting.
- 2) After each wafer is trapped, jiggle the AccuReader key to ensure the wafer is fully seated before taking readings.
- 3) Watch the demonstration video online at: [www.accureader.com](http://www.accureader.com)
- 4) While holding the AccuReader key straight, keep slight upward pressure on the slide to ensure the tip is resting along the bottom of the slide track.



**X234 Harley Compatibility List**

MAKE	MODEL	YEARS	SPACES
Harley Davidson	Sportster	1994-2011	5

\*\*\*This list is by no means complete or guaranteed to be accurate. There are many models and specific years not yet listed. Please contact us to report any inaccuracies or models that should be included.