



HYD19

by

LOCK  
TECH

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Thank you for purchasing the AccuReader wafer reading system by LockTech. This system will allow you to read the new Harley Davidson keyway, using the HYD19 key blank. The HYD19 AccuReader will read these locks completely and accurately without the removal of the ignition or other lock. 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 the deepest possible depth first, in this case the #3 slide.

The AccuReader key is used for all wafer positions 1-8 for a complete key.

Ignition = 1-8

Please take the time to familiarize yourself with the tool 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 #3  
1-depth slide #2  
1-Tube storage container  
1-Tube Cap

## Using the HYD19 AccuReader

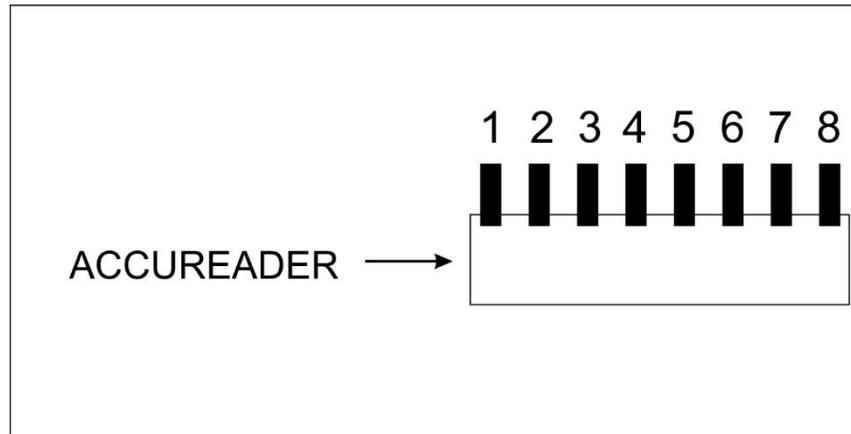
Use the following directions to read all 8 wafer positions from the ignition. After reading all 8 positions from the ignition, it is sometimes helpful on dirty locks to read positions from the gas cap to compare your findings from the ignition.

## USING THE ACCU-READER

- 1) Always thoroughly clean the lock with an 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 #8 position. (Note: If the AccuReader fails to trap a wafer flip the AccuReader over and reinsert).
- 4) Always start reading with the #3 depth slide tool, then proceed to #2 (ONLY 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 #3 depth slide lines up with the Y then the depth for the #8 wafer is a 3. If the depth slide lines up with an N, then you must proceed to the #2 depth slide.
  - b) If the #2 depth slide lines up with the Y then the depth for the #8 wafer is a 2. If the depth slide lines up with an N, then the depth for wafer #8 is a 1
  - c) Repeat steps a) through c) for each wafer position until you have recorded the depths for wafer positions 8-1.
  - d) You now have recorded all the positions to make a complete key.

**TIPS& SUGGESTIONS**

- 1) [Always clean the keyway thoroughly before starting.](#)
- 2) Read the ignition first, followed by an alternate lock to verify your 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.



MAKE	MODEL	YEARS
Harley Davidson	Street 500	2015+
Harley Davidson	Street 750	2015+