



YM63-OP

by



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Thank you for purchasing the AccuReader wafer reading system by LockTech. This system will allow you to read the YM63-OP 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.

The AccuReader key is designed to be used for wafer positions 1-7 for a complete key. The YM63-OP was developed for Yamaha's new ignition that features opposing wafers. **It is important to use the correct set of slides for the lock being read.** The ignition uses the slides marked **OP** and all other locks use the slides marked **AUX**.

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 OP
- 1-depth slide #3 OP
- 1-depth slide #2 OP
- 1-depth slide #4 AUX
- 1-depth slide #3 AUX
- 1-depth slide #2 AUX
- 1-Tube storage container
- 1-Tube Cap

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. Fully insert the AccuReader key into the ignition and remove the slide. The AccuReader key is now ready to read the #7 wafer. **(Note: If the AccuReader comes out a full position before trapping a wafer, remove it, flip it, and reinsert it fully into the lock again. The AccuReader should now have wafer position 7 trapped.)(Odd wafers will be read on one side of the lock and even wafers will be read on the opposite side of the ignition.)**

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 #7 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 #7 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 #7 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 positions 7, 5, 3, & 1.

e) Using the insertion/release slide remove the AccuReader key from the keyway and flip it over. Fully insert the insertion/removal back into the keyway. Remove the release tool and slowly pull outward until wafer position 6 traps.

f) Repeat steps a) through c) for each wafer position until you have recorded the depth for wafer positions 6, 4, & 2.

g) You now have recorded all the positions to

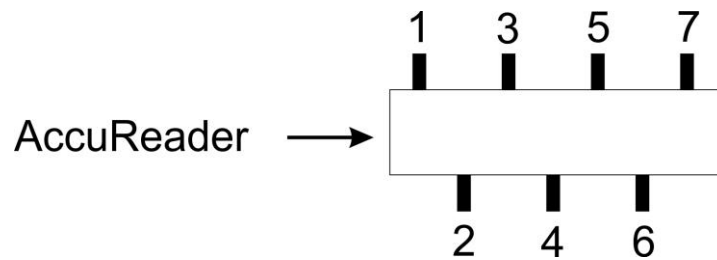
make a complete key.

TIPS& SUGGESTIONS

1) Always clean the keyway thoroughly before starting.

2) Watch the demonstration video online at: www.accureader.com

3) 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.



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