



GM10

by



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Thank you for purchasing the AccuReader wafer reading system by LockTech. This system will allow you to read the door/trunk wafers in GM10 cut vehicles. Following a few simple steps it takes only minutes to read the depths for each cut in each. The GM10 AccuReader is not designed to be used on the newer GM10 cut key commonly referred to as a Z key.

The GM10 AccuReader comes with 2 keys. One is designed to read any wafers in positions 1-5 and the other key is designed to read any wafers found in positions 6-10. Using both keys allows for reading the more shallow wafer positions with a fully or almost fully inserted key, increasing the accuracy.

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:
2-AccuReader keys
1-insertion/release slide
1-GM10 depth slide #4
1-GM10 depth slide #3
1-GM10 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. Cycle a key blank in and out of the lock approx. 20 times.

2) Use the alignment holes in the AccuReader key to assist in judging the distance from one wafer position to the next. Wafer orientation will vary depending on the vehicle. It is recommended to use a resource such as AutoSmart to determine wafer locations for specific models.

3) Place the insertion/release slide in the slot on the AccuReader key for the 6-10 spaces. Fully insert the AccuReader key into the keyway and remove the slide. Pull the AccuReader outward until a wafer traps and note the alignment holes. Removing the AccuReader flipping it over and repeating this step will determine if the deepest wafer is on the top or bottom. After this has been determined, Reinsert the AccuReader and trap the deepest wafer. **WHEN YOU TRAP A WAFER JIGGLE THE ACCUREADER KEY TO INSURE THE WAFER HAS DROPPED COMPLETELY TO ITS NORMAL RESTING POSITION BEFORE READING.**

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 that 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 that 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 that wafer is a 2. If the depth slide lines up with a **N**, then the depth for that wafer is a 1.

d) Repeat steps a) through c) for each wafer position until you have recorded the depths for all wafers in positions 6-10.

e) Using the GM10 AccuReader key for 1-5 spaces repeat a), b), & c) above to read any wafers found in positions 1-5. **Remember when the GM10 AccuReader key for 1-5 is fully inserted into the keyway the wafer trap is aligned with position 5.** Starting with position 5 continue to read all the remaining wafers.

g) You now have recorded all the positions to make a working key for that lock. Progression can be used to finish the ignition cuts for 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) Use the diagram on the protective case to identify the YES line and the NO line when reading a lock.
- 4) Watch the demonstration video online at: www.accureader.com
- 5) 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.
- 6) If you get different readings on different locks, use the deepest reading for that space. This is caused when the wafer wont fully seat due to dirt, caked grease, or is bent.