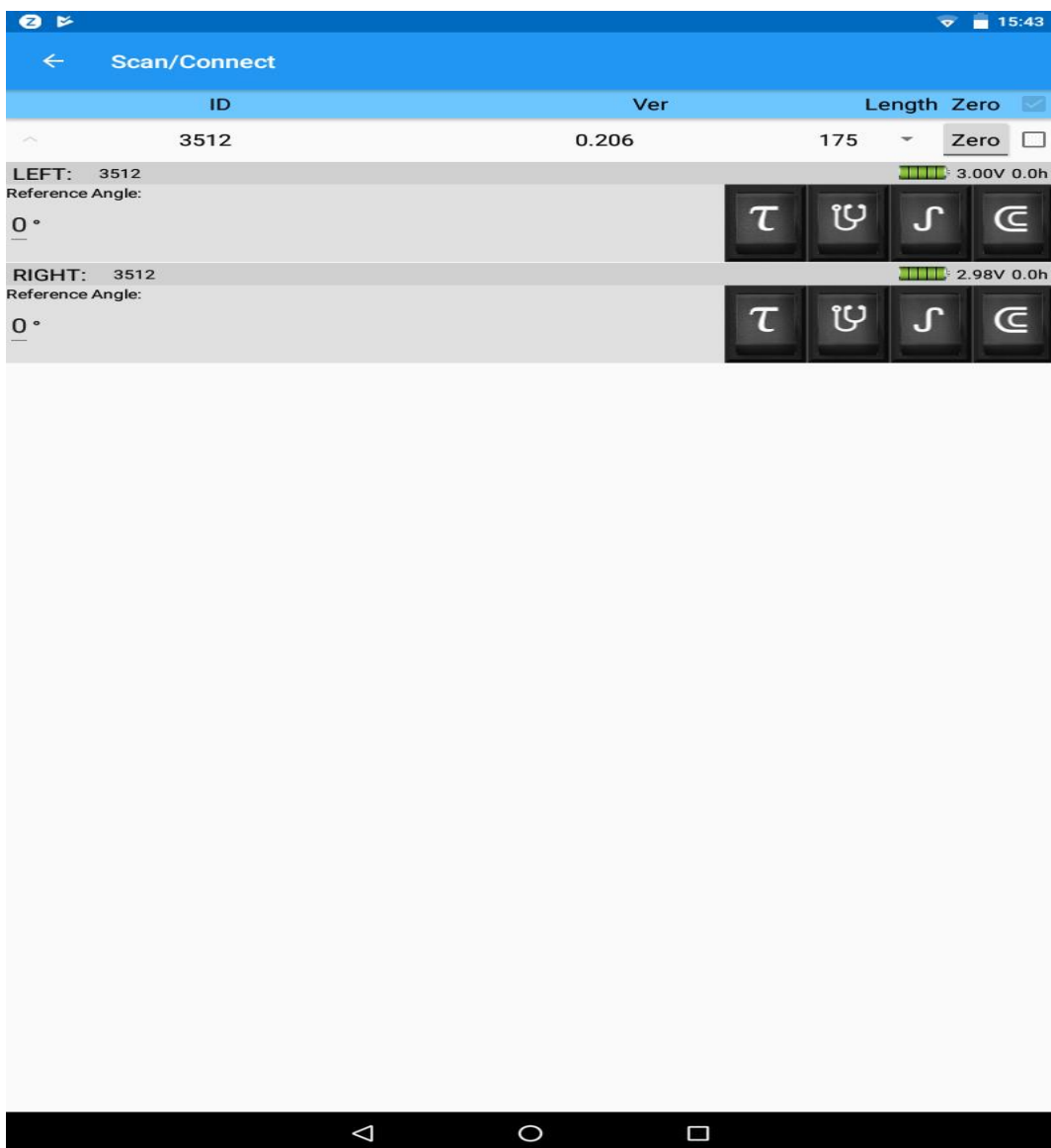


## Restoring a crankset using Android.

“Restore” is used when cranks are not working, have lights continually flashing, or staying on steadily. The solution is assuming that the firmware has been corrupted in some manner and is a trouble shoot to determine if anything more is occurring. In the restore, we are replacing the old firmware with totally new version.

We may use VINC to see what the state of the crankset actually is.

1. Take out any batteries and replace with new batteries.
2. The batteries must be well above 2.9v each to do any seamless and successful upgrade.



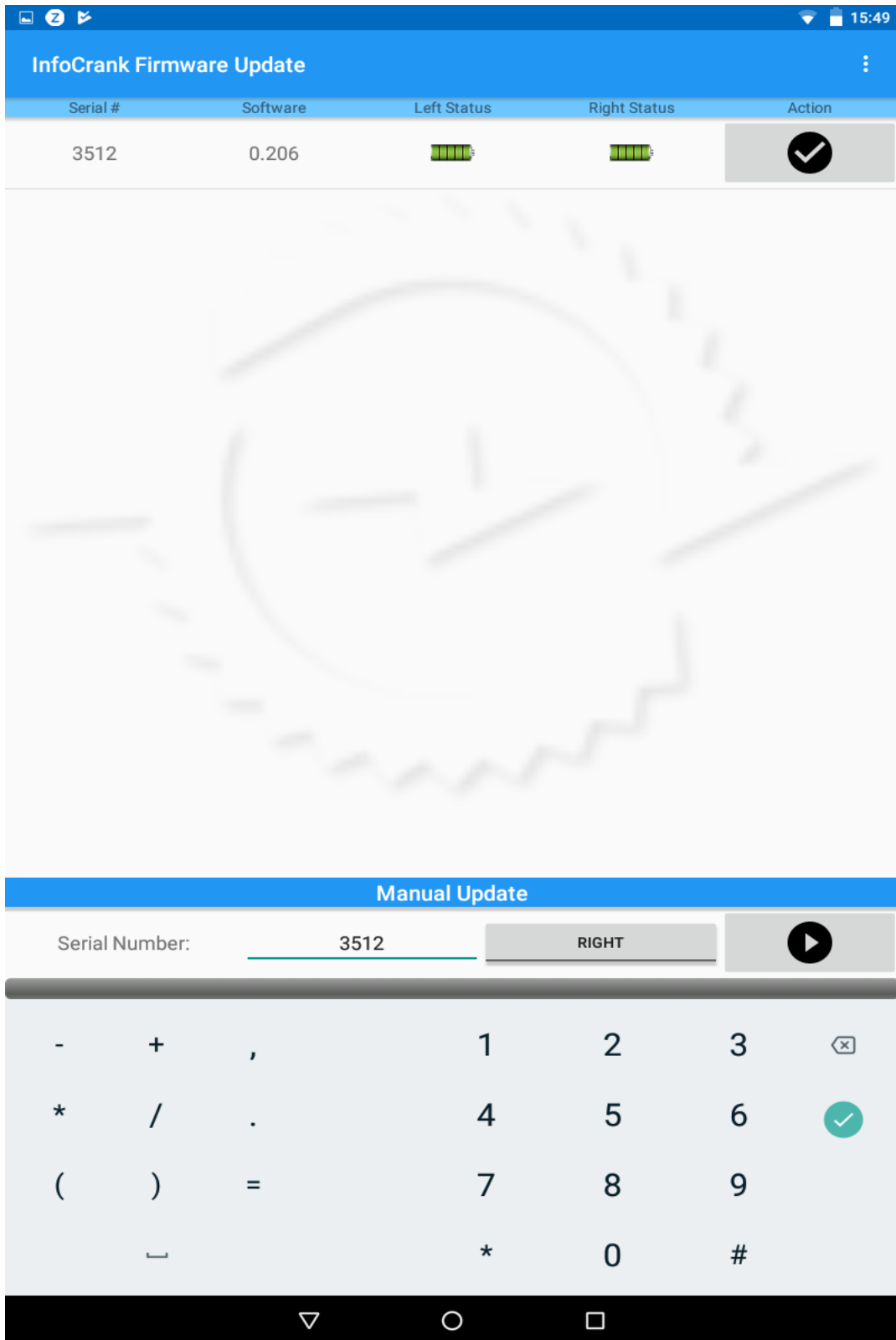
3. If the batteries are fine, close VINC and OPEN the firmware updater on your device. (It is possible to go directly to Firmware Updater and it will indicate whether the batteries are suitable or not – but it will not show the actual voltage level – just green (go) or not.



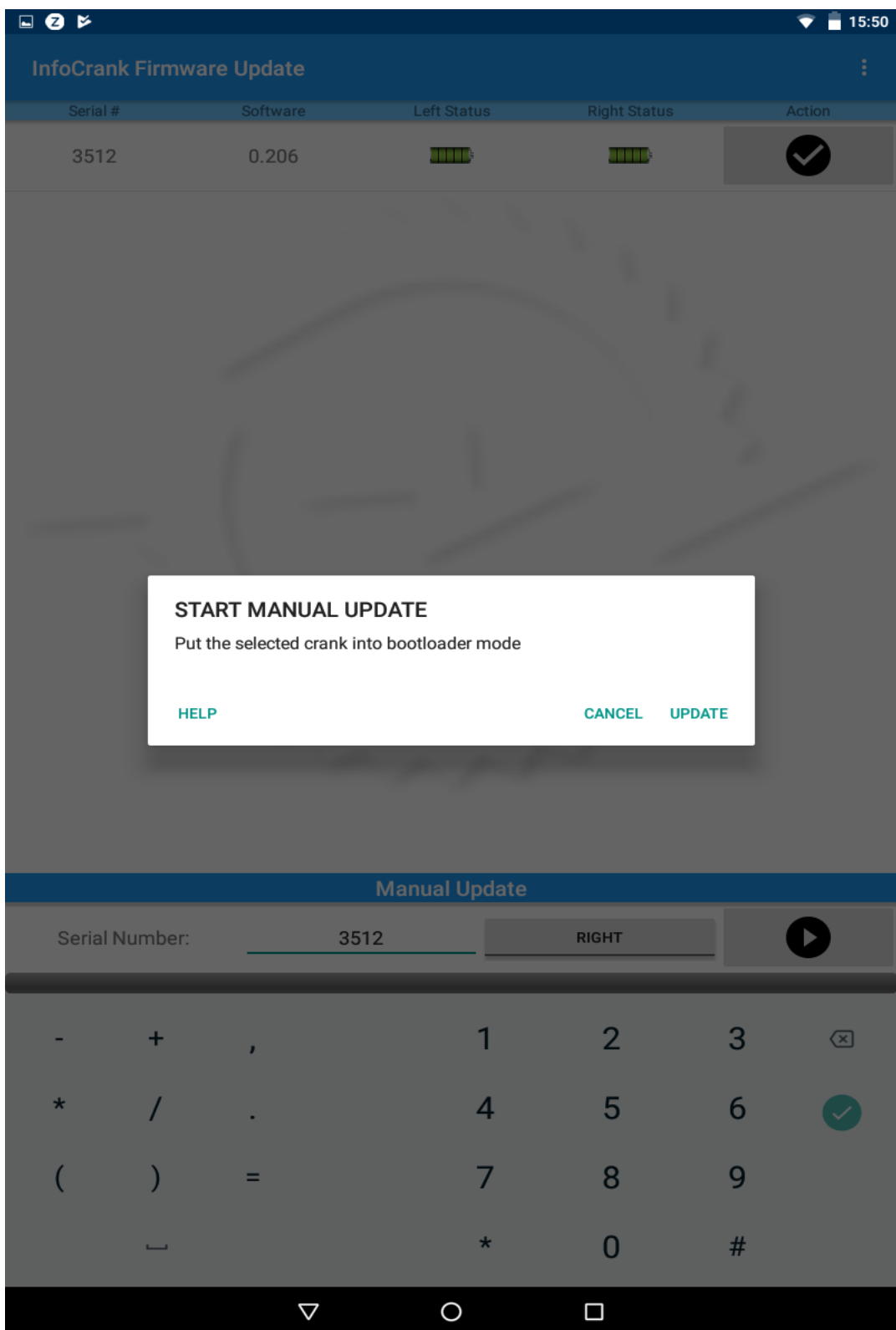
4. Top right hand – Press the three dots – tick manual update.



5. Type in last four digits of the serial number of crank and start with right crank. Press the start button.



6. Put the crank into bootloader mode for the restore\*\*\*\*see note



7. Press update and wait till it is complete.

**InfoCrank Firmware Update**

Serial #	Software	Left Status	Right Status	Action
3512	0.206			

**! DON'T CLOSE APP WHILE UPDATING**

**Manual Update**

Serial Number:

UPDATING

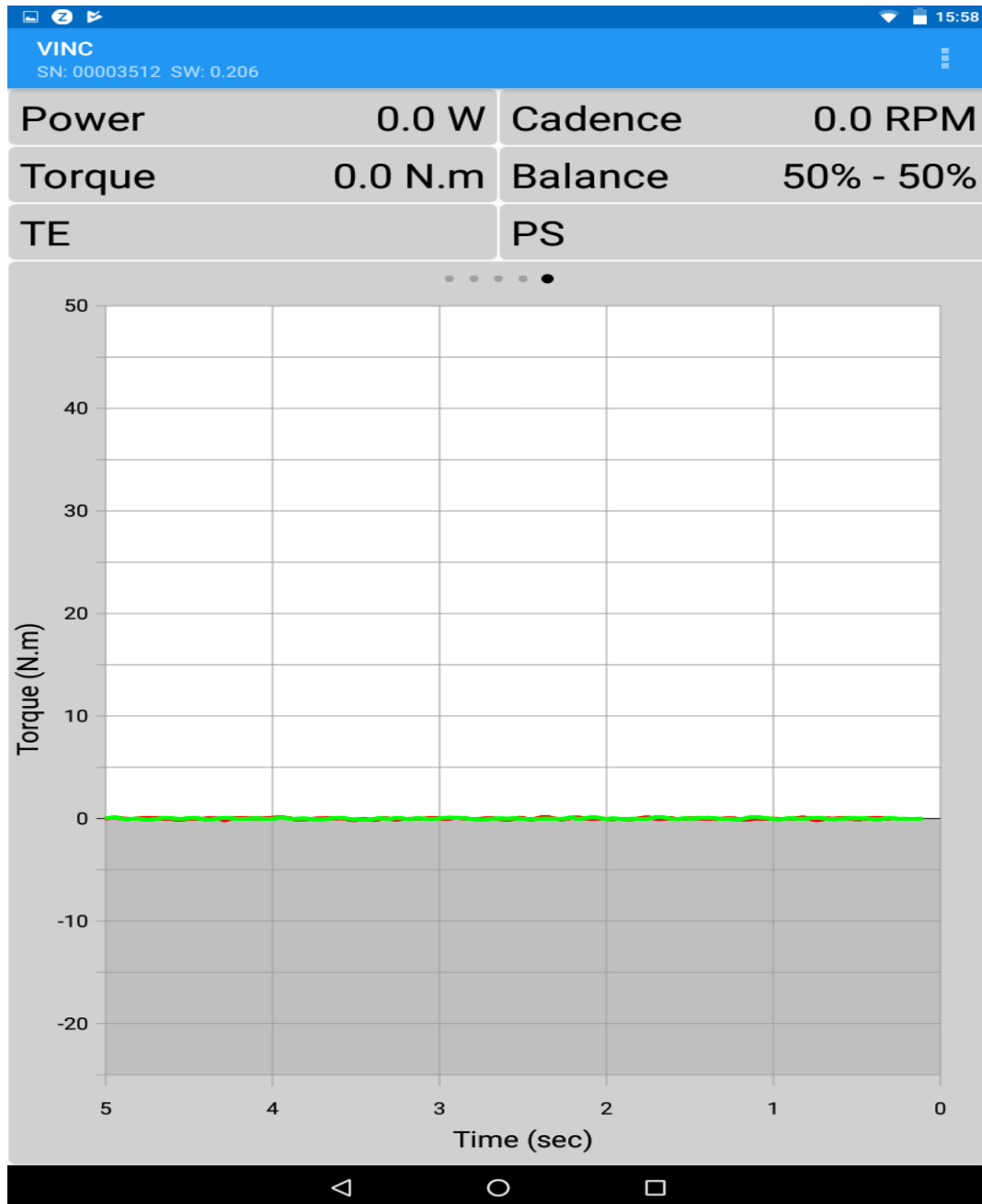
- + , 1 2 3

\* / . 4 5 6

( ) = 7 8 9

⌂ \* 0 #

8. When the right crank is done, repeat the process on the left crank.  
The cranks are now restored with new firmware and you can revert to VINC and check the torque messages or just ride the bike.



\*\*\*\*There are two software versions available on current InfoCrank® Most cranks with serial numbers prior to 3500 have version 1 and the newer ones have version 2. Version 1 has flashing lights when batteries are installed. Those lights flashing indicate that the crank is in bootloader (computer) mode. That is the mode for doing the Restore.

Version 2. has only one fast flash after installing new batteries. The cranks then automatically switch into operating mode once batteries are installed. To put the cranks into bootloader mode required for the Restore, you need to hold a magnet behind the RF cover AS you install the batteries and tighten the cover. This prevents the cranks from entering into operating mode and the cranks are able to be restored.



