

## ZENNER ETR Programmer (VER X069\_8.1 Version Software) Instructions for Programming ETR's and ETRU's (with no version listed)

1. First connect the ETR to the hand held ETR Programmer. Depending on the ETR cable configuration you will need a programming cable with Alligator Clips, Nicor Connector or Itron Connector.
2. Press Enter/ON key – located at the bottom right-hand corner.
3. Press right arrow (6-button) for technician.
4. Enter password – 1066.
5. Press right arrow (6-button) to set Meter ID Number.
  - a. You must enter 8-digits for it to set. For example, if the meter # is 265321 you must enter 00265321.
  - b. Press enter, and be sure your Meter ID Number is set in the top right corner.
6. Press down arrow (8-button) once to set Meter Reading, press right arrow (6-button) and set the read.
  - a. You must enter 7 digits for the read, if read is 23 you must enter 0000230 (7-digits). For example, if the meter is 265321 you must enter 2653210. **Note that the last digit is just a place holder.**
  - b. Press enter when done.
  - c. Make sure the reads is set on the top right corner.
7. Press down arrow (8-button) twice until you get to the Number of Wheels needed. This is for truncation purposes based on the number of wheels the customer wants to read.
  - a. Press right arrow (6-button) to set wheels (normally set to 6 wheels). Typical choices would be 4, 5 or 6. Choose 6 if the customer wants to read all 6 wheels.
  - b. Press enter. Make sure # of wheels is set in the top right corner.
8. Press down arrow (8-button) once until you get to "Touchpad".
  - a. Press right arrow (6-button) to make sure Touchpad is "Enabled".
  - b. Press enter after you confirm that the Touchpad is "Enabled".
9. Press down arrow (8-button) until you get to "Mode".
  - a. Press right arrow (6-button) to check mode (normally set to Encoder mode).
  - b. Press enter after you confirm that the mode is set to what you want.
  - c. For "Pulse" mode, press left arrow (4-button) to change it to Pulse.
  - d. Once the Pulse mode appears, press enter.

