

ZENNER ETR Programmer (VER X069_8.1 Version Software) Instructions for Programming ETRU's V2.3 and higher

1. First connect the ETRU 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 0000023 (7-digits). For example, if the meter is 265321 you must enter 0265321.
 - b. Press enter when done.
 - c. Make sure the reads is set on the top right corner.
7. Press down arrow (8-button) once until you get to Wheel Mode.
 - a. Press right arrow (6-button) to set wheel mode (The default is 6)
 - b. Select 0 for 6 Wheels or select 1 for 7 Wheels and Press enter. Make sure your wheel mode is set in the top right corner. If not, set the correct Wheel Mode. Note: If you have 6 rolling numbers set it to 6. If you have 7 rolling numbers set it to 7.
8. Press down arrow (8-button) once 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 7 if the register has 7 odometer wheels and the customer wants to read all of them.
 - b. Press enter. Make sure # of wheels is set in the top right corner.
9. 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".
10. 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.

