

Your transmitter replacement module kit (104041-01 or 104041-04 for AG3000)  
(104041-02 or 104041-05 for iMAG) comes with the following (shown above):

- 1) PCA, Transmitter C €
- 2) Screw, Plastite
- 3) Light Pipe Overmold
- 4) Desiccant (Keep Desiccant Packs in bag until ready to install)
- 5) O-ring (With pre-applied lubricant)
- 6) Security Seal

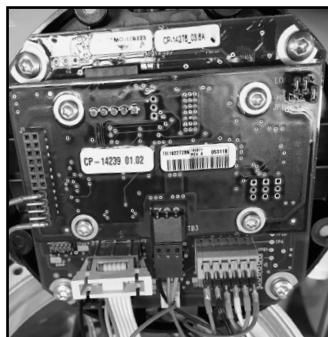
**Note:** Be sure to verify the PCA firmware revision, look for the label on the PCA, when ordering a replacement kit. Kits 104041-04 & 104041-05 are for use with firmware revision CP-14276\_03.6A only.

1. Cut security seal, if used, remove and discard.
2. Unscrew the glass cover from over the display and remove. Be sure the o-ring seal stays in place. Use a strap wrench to protect the coating or a pipewrench or large pliers.

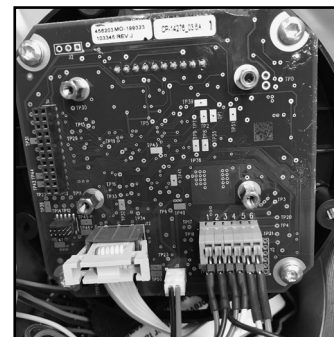
**CAUTION!** Before removing display lid, take precautions to prevent water or wind-born dust from getting into the display enclosure while the cover is off.

- Remove the 3 silver screws holding the display assembly and remove it from the meter. If the display is held in place by white nylon tabs with straight slots, rather than screws, simply grasp the finger recess and pop the display up and out of the meter.
- Disconnect the small white battery plug from the display (transmitter) board. On a 'p' model, this will only have one wire, this is correct for the 'p' model. Then remove the flat wire assembly from the 6-position terminal, push all the green buttons in at one time with your finger and slide the flat assembly out. Note that the red wire is closest to the center of the board. Disconnect the ribbon cable connector from the transmitter board.
- Unplug the wire harness from any option board that may be connected to your transmitter. Remote ('r' model) units have two 5-pin plugs, note which plug goes to which board (depending on options chosen, not all 'r' model meters will be using both 5-pin plugs). All other plugs and sockets cannot be mistaken. 'p' model meters will have an extra 2-wire, 5 pin header plugged into the 24 pin socket on the top option board, or on the transmitter board, depending on how your meter was ordered. The red wire plugs into the socket closest to the ribbon cable connector, in the row closest to the center of the board.
- If your replacement transmitter assembly did not come with option boards that are present in your meter, unscrew any option board with a T-10 Torx head driver and carefully pull the 24-pin connector apart. If there are other option boards on the transmitter board, they are attached with 3/16 hex stand offs. If you do not have a 3/16 hex driver, these stand offs can be removed with a sturdy pair of needle nose pliers.
- Reassembly is the reverse of disassembly. Mount any required option boards to the transmitter board – the order is not critical. We assemble the boards with the wider plugs closer to the transmitter board, but only to keep the wires tucked as far out of the way as possible. Plug the wiring harness into the option boards if applicable. Plug in the red and purple header on any 'p' model. Plug in the ribbon cable. Plug the flat connector into the 6-pin terminal strip with the red wire closest to the center of the board. If there is a 2-pin header for the data logger, the Orange wire goes to the Outside. And then plug in the battery connector. **Do not apply external or battery power until the other connections are made.**
- Install the new desiccant gel packs. Replace the cover O-ring. Take care not to trap or pinch any wires under the new transmitter assembly and secure with the original screws or snap connectors
- Rethread the lid back onto the housing, taking care not to over tighten the lid but making sure it is screwed all the way down and snug.
- Replace the security seal.

**IMPORTANT:** If water usage regulation is in effect, only a person authorized by your regulatory agency should break the seal and replace it when finished.



p model transmitter board



Base model transmitter board