Electronic Calibration With GTC 200 -ECAL ATC

- Set DIP switch #8 to the off position (ATC OFF).
- Set ATC Display to show Side A Volume.
- Set DIP switch #5 to the on position (LEARN MODE ON). The ATC display will show "-1.-".
- Lift the side A pump handle and start the calibration fill. For 0.05% precision in the calibration factor the calibration fill must be of at least 200 litres.
- When the fill is complete lower the pump handle.
- Read the volume on the ATC display and use the INCREMENT button switch (SW2 on the ATC board) or the DECREMENT switch (SW3) to adjust the volume to the actual volume dispensed.
- When the ATC display is showing the correct volume either use DIP switch #5 to exit LEARN MODE or switch the ATC display to show the Side B Volume (display will show "-2.-") and follow the same procedure above to calibrate Side B. Use DIP switch #5 to exit LEARN MODE.
- Recheck calibration on both sides using ATC display.
- If pump is equipped with ECAL feature, now perform Gilbarco calibration instructions such that the volume displayed on the pump matches the volume displayed on the ATC display.
- Activate ATC with DIP switch #8 if required.

NOTE:

- The increment switch will only allow the volume to be incremented to +12.5% of the uncalibrated volume and the decrement switch will only allow the volume to be decremented to -12.5% of the uncalibrated volume.
- When in LEARN MODE lifting the pump handle will set the calibration to 00.00% if no fuel is dispensed or if the neither the INCREMENT or DECREMENT switches are used.
- When in LEARN MODE only one (1) fuel transaction per side is permitted. All attempts to start another sale will cause a pulser error. To correct an erroneous calibration the LEARN switch (DIP switch #5) must be turned to the off position and then back to the on position.

2.1 System Set Up

2.1.3.1 Electronic Calibration with GTC 200 – ECAL ATC

Electronic calibration of the GTC 200-1M, 1L and 200-2M, 2L can be achieved by following steps 1 to 10 below. This is done by setting the DIP switches on the ATC circuit board (see Figure 13), and the ATC Display switches (see Figure 15).

1. Set DIP switch #8 to the OFF position (ATC OFF).
2. Set ATC Display to show Side A Volume.
3. Set DIP switch #5 to the ON position (LEARN MODE ON). The ATC display will show "-1.-"
4. Lift the Side A dispenser pump handle and start the calibration fill. For 0.05% precision in the calibration factor the calibration fill must be of at least 200 litres.
5. When the fill is complete lower the pump handle.
6. Read the volume on the ATC display and use the INCREMENT button switch (SW2 on the ATC board) or the DECREMENT switch (SW3) to adjust the volume to the actual volume dispensed.
7. When the ATC display is showing the correct volume, either use DIP switch #5 to exit LEARN MODE or switch the ATC display to show the Side B Volume.

   If you have switched the ATC display to show Side B Volume, then follow the same procedure as outlined in steps 4 to 6 above to calibrate Side B. Then use DIP switch #5 to exit LEARN mode.
8. Recheck calibration on both sides of pump using ATC display.
9. If your pump is equipped with its own ECAL feature, now perform Gilbarco calibration instructions such that the volume displayed on the pump matches the volume displayed on the ATC display.
10. Activate ATC with DIP switch #8 if required. If system not legally inspected yet, leave OFF.

ATTENTION

- The increment switch will only allow the volume to be incremented to +12.5% of the uncalibrated volume and the decrement switch will only allow the volume to be decremented to –12.5% of the uncalibrated volume.

2.1 System Set Up

2.1.3.1 Electronic Calibration with GTC 200 – ECAL ATC (Cont'd)

- When in LEARN MODE lifting the pump handle will set the calibration to 00.00% if no fuel is dispensed or if neither the INCREMENT or DECREMENT switches are used.

- When in LEARN MODE only one (1) fuel transaction per pump side is permitted. All attempts to start another sale will cause a pulser error. To correct an erroneous calibration the LEARN switch (DIP switch #5) must be turned to the OFF position and then back to the ON position.