

INSTALLING SYSTEM ROM CHIP

Customer (M/F): _____ Order #: _____

Program Name: _____ Program Date: _____ Start Address: _____

BEFORE INSTALLING THE ROM CHIP

1. Poll all fuel transactions. Make note of the last transaction number. You will need this number later to maintain continuity of your transactions after installing the new program.
2. Be sure you have a hard copy of all the information loaded into memory (fuel codes, fuel authorizations, lockouts, pump assignments, etc.). This information will need to be re-entered after installing the new ROM chip. See the *Series 1000 Operation Manual* for more information.

LOCATE THE MPU BOARD AND ROM CHIP

3. Turn off the system power. Unlock and lower the rear door of the Series 1000. Remove hood. Looking from the rear, the MPU PCB is mounted on the left side.
4. Locate the U21 socket of the MPU PCB. This socket is located in approximately the center of the MPU PCB and just to the left of the RAM chip. (See drawing on the back of this sheet).
5. Carefully remove the old ROM chip from U21.
6. The ROM program chip is labeled with the program name, version, start address and a directional arrow. The directional arrow points to a U-shaped notch indicating the top of the program chip. Position the new ROM chip so each of its pins are properly lined-up with the U21 socket on the MPU PCB and the arrow points up.
7. Firmly press the ROM chip into the socket. It is important to be sure that all the pins are aligned with the socket; use of excessive force can cause the pins to bend when they are misaligned.

SET YOUR MAP JUMPERS

8. Your program has one of four possible starting addresses. The program start address appears at the top of this sheet and is on the label of the program chip itself.

Depending on the start address, the JP3 and JP4 locations on the MPU PCB board should have jumpers set as shown on the back of this sheet.

CAUTION: Use extreme care in setting the jumpers. Incorrect configuration of JP3 and JP4 jumpers can corrupt memory causing fueling transactions to be lost.

POWER ON AND TEST

9. When you have installed the program chip, turn on the power for the Series 1000 System. If the Series 1000 system does not power up, check to be sure that the chip is inserted into the proper socket. If it is, check to be sure that none of the pins are bent back. Also be sure that the JP3 and JP4 jumpers are configured properly. If the system still does not power up, contact GASBOY Customer Service.
10. At the rear of the MPU PCB board, the Diagnostic switch is located approximately in the middle of the rear edge of the MPU PCB and is usually in a down position. Place the switch in the up (ON) position. The LCD displays: **ENTER TEST 0-9**.
11. Press 6 and ENT. The system executes a RAM test. If the test completes successfully, the message **RAM OK!** displays. Proceed with the ROM test.
If the test fails, the system displays **RAM FAILED!** Contact GASBOY Customer Service.
12. Press 7 and ENT. The system executes a ROM test. If the test completes successfully, the message **ROM OK!** displays. The test is complete.
If the test fails, the system displays **ROM FAILED!** Contact GASBOY Customer Service.
13. Return the Diagnostic switch to the down (OFF) position.
14. Sign on to the system and load memory with information recorded in Steps 1 and 2.
*NOTE: If you cannot sign on, run diagnostic test 1. To change the password to **GASBOY**, press 1 and ENTER.*
15. Perform an **RT** command to reset transactions. Then perform an **LN** command using the transaction number obtained in Step 1.

