

## CFN ISLANDER & SERIES 1000 CARD READER RETROFIT INSTRUCTIONS

This sheet details the installation of a new card reader into an existing Islander or Series 1000 system. The photos shown below represent before and after views of an Islander system. Note that the cover assembly is not used in the new installation. The reader installation will look similar in your Series 1000 system.

**IMPORTANT FOR SERIES 1000:** This kit works only with Series 1000 versions 3 or later. To check your version: At the Series 1000 data terminal, type the PR command at the asterisk prompt. The version, program name and date displays. If your version is 1 or 2, consult your distributor before proceeding.



**Before**  
Old Reader with Cover Assembly  
(CFN Islander Shown)

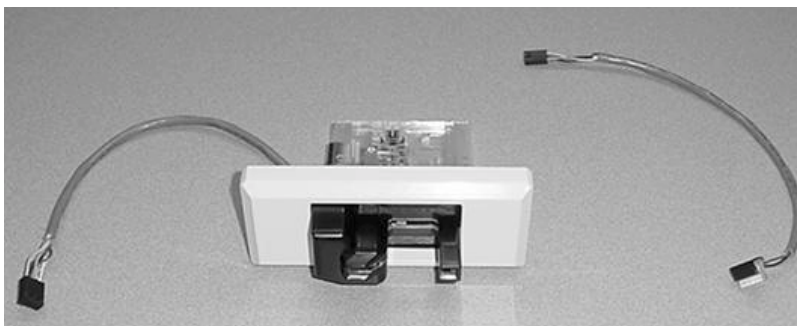


**After**  
New Reader (Cover Assembly Not Required)  
(CFN Islander Shown)

### CFN ISLANDER KIT CONTENTS - C36090

This kit includes the following:

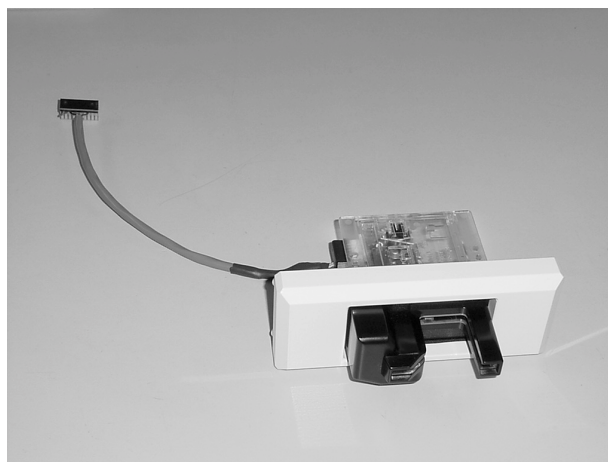
Item	Part No.	Description
1	C09986	Assembly, Adapter Plate, Card Reader, Cable and Gasket (shown right)
2	C36080	Instruction Sheet (this sheet)
3	035282	Warnings & Safeguards Sheet
4	C07529	Cable Assembly, Reader (shown right, loose cable)



### SERIES 1000 KIT CONTENTS - C36096

This kit includes the following:

Item	Part No.	Description
1	C09985	Assembly, Adapter Plate, Card Reader, Cable and Gasket (shown right)
2	C36080	Instruction Sheet (this sheet)
3	035282	Warnings & Safeguards Sheet



## BEFORE YOU BEGIN

- Follow all precautions outlined on the *Warnings and Safeguards* sheet, 035282, that came with this kit.
- Turn off and lock out all breakers supplying power to the fuel management system.

### IMPORTANT:

**Do not use power tools. If power tools are to be used, move the Gasboy fuel management system to a safe location away from the fueling site.**

*You will need a long magnetized tip #2 Phillips screwdriver to perform this installation. Do not use a power screwdriver.*

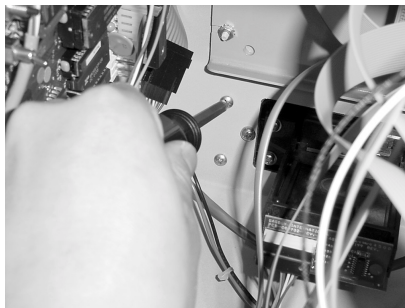
*NOTE: Assembly/disassembly photos in these instructions show the CFN Islander. Your Series 1000 will be similar, but not identical to these photographs.*

## REMOVE OLD COVER AND CARD READER ASSEMBLIES

1. Unlock and open door assembly at the back of the fuel management system.



2. Working from inside the electronic head, remove the four screws that secured the existing card reader cover assembly. Remove and discard cover assembly; it will not be used in the new installation.



(CFN Islander Shown)

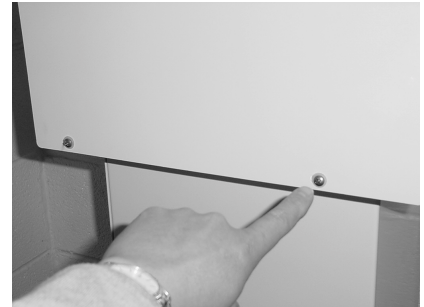


(CFN Islander Shown)

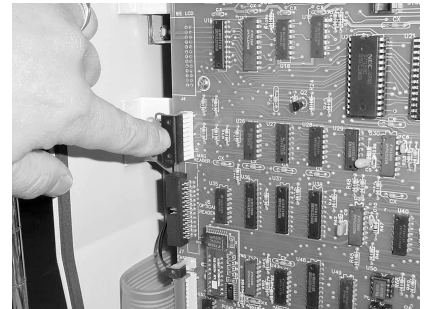
3. **CFN ISLANDER ONLY:** Disconnect the existing card reader cable that is connected to the Island Card Reader CPU board (P1 location). Skip to Step 5.



3. **SERIES 1000 ONLY:** Remove the wrapper assembly on the electronic head by removing four screws on the side (see right). Save screws for later reassembly.



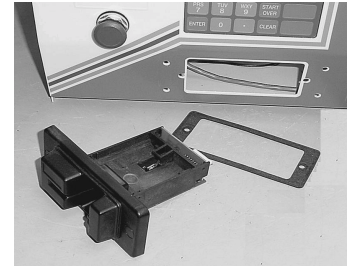
4. **SERIES 1000 ONLY:** Disconnect the existing card reader cable that is connected to the Series 1000 Reader MPU Board (J5 location).



5. From inside the electronic head, remove the two screws that secured the existing card reader & gasket assembly. Remove gasket and card reader assembly.



(CFN Islander Shown)



(CFN Islander Shown)

## INSTALL THE NEW ASSEMBLY

6. Remove the four screws that are supplied in the new reader assembly (C09986 or C09985) and set aside.



7. Install the new Card Reader Assembly into the electronic head with narrow portion of reader's snout on the right.



(CFN Islander Shown)



(CFN Islander Shown)

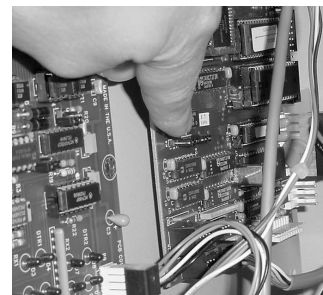
8. Working from inside the electronic head, use the four screws set aside in Step 6 to secure the new Card Reader Assembly tightly to the front of the electronic head.



(CFN Islander Shown)

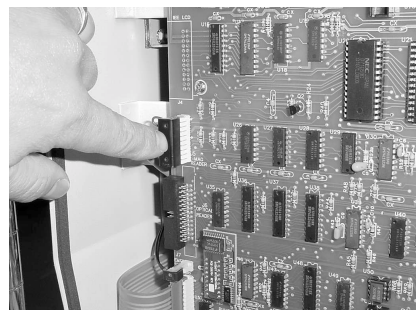
9. **CFN ISLANDER ONLY:** Connect the card reader cable to the Island Card Reader CPU board.

**For CPU board C05857 (current production),** use the cable that is pre-attached to the reader. Connect cable with 10 pins to the P1A connector. Relocate the jumpers in K4 and K5 connectors from pin 1 and 2 to pin 2 and 3.



**For CPU board C05375 (older style),** replace the pre-attached cable with the loose cable assembly provided. Connect cable with 6 pins to the P1 connector. Relocate the jumper in K2 from position 1 to 2 and the jumper in K3 from position 2 to 1.

9. **SERIES 1000 ONLY:** Connect the card reader cable to the Series 1000 card reader MPU board (J5 location) and reinstall the wrapper assembly using the 4 saved screws.



10. Close and lock door assembly at the rear of the fuel management system.



11. Turn on all breakers supplying power to the fuel management system and the pumps. Check the operation of the new card reader assembly.