

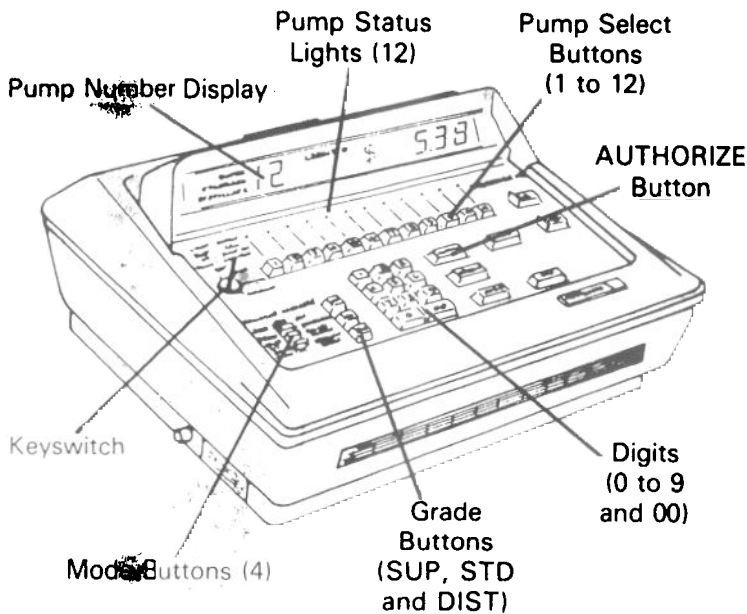
# SELF HELP

## System Recovery Method

### TRANSAC T11, T11-5 and T12 Systems

How to restore console/system to normal operation after incorrect operating procedure or mains supply voltage surge causes console/system to become inoperative.

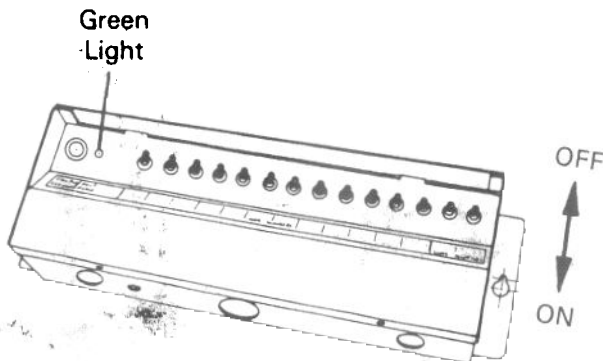
If a total system is inoperative (no pumps working) proceed from step (1). If some pumps are working correctly, but one or more are not, proceed from step (10).



TRANSAC CONSOLE

#### TOTAL SYSTEM INOPERATIVE

- (1) Push a Pump Select button for a driveway pump. Has the problem cleared? If not, proceed.
- (2) Go to the Blue Box and turn ALL switches OFF.



BLUE BOX (INTERCONNECT BOX)

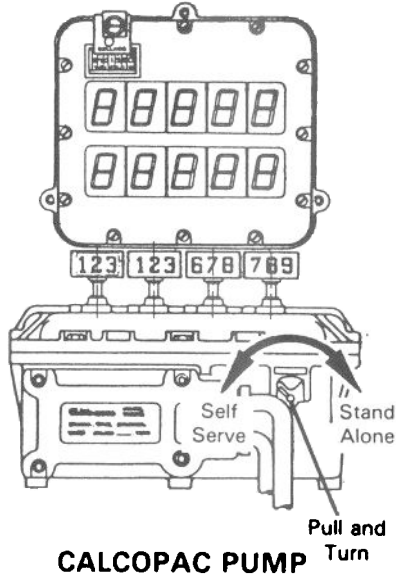
- (3) Go to the Console and turn the power OFF at the power point. Turn power back ON and wait for flashing 8's to appear on the display.

- (4) At the console.
  - turn keyswitch to OFF
  - enter 22 (push digit 2 twice)
  - do NOT push AUTHORIZE button
  - turn keyswitch to MANAGER – a MANAGER key is required
  - depress RESET mode button
  - for each driveway pump in turn: –
    - push PUMP SELECT button (pump number should display)
    - push the grade button for this pump (SUP or STD or DIST)
    - push AUTHORIZE button
    - do next driveway pump 'til all done
  - depress PRICE SET mode button – if console does not have a PRICE SET mode button, go to step (5) otherwise: –
    - push the grade button SUP. If four zeros (0.000) are displayed, proceed. Otherwise go to step (5)
    - enter price per litre for the super grade – for example, if price is 43.9 cents, push digits 4 then 3 then 9
    - push AUTHORIZE button (if a cash register is connected, wait until printing stops)
    - push grade button STD, enter "standard" price and push AUTHORIZE button
    - if distillate pumps are present, push grade button DIST, enter the distillate price and push AUTHORIZE button

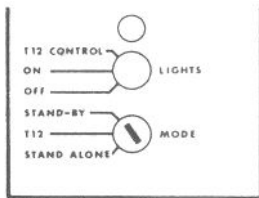
- (5) At the Console.
  - turn keyswitch to OPEP
  - depress the ON mode button.
- (6) Go to the Blue Box and for each switch in turn (starting at switch for pump 1) –
  - turn ON switch
  - check green light on box
  - if green light goes out, turn switch OFF again
  - do next switch until switches for all pumps on the driveway are done
- (7) Go to the Console and push the PUMP SELECT button twice for pumps which have a Status light flashing
- (8) Check system. Pumps should now be working normally in SELF SERVE. If NONE of the pumps are working, call for service when you are sure that the above instructions have been completed correctly. If some pumps are working, go to step (10) to restore those pumps which are not working
- (9) With no pumps working in SELF SERVE, it will be necessary to switch some of the pumps into the STAND ALONE mode so that deliveries can proceed while waiting for service. Proceed as follows for each pump
  - go to pump and remove panel to gain access to STAND ALONE/SELF SERVE switch
  - switch pump to STAND ALONE mode – refer to diagram over page
  - go to station switchboard and turn power OFF to the pump. Now turn the power back ON again.
  - Check pump operation and repeat for the other required pumps. (Pumps should start when the nozzle is lifted. If not, try another pump.)

**PUMPS INOPERATIVE:**

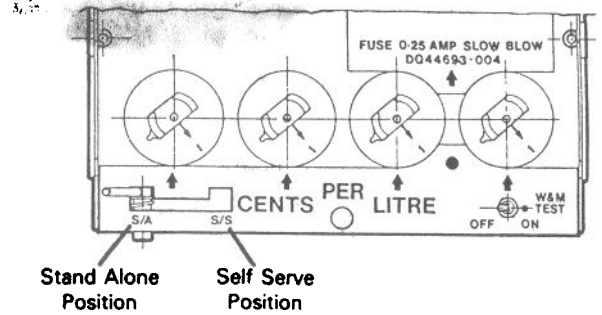
- (10) At this point, some pumps are working correctly in SELF SERVE mode. To try and restore the inoperative pumps, proceed as follows for each pump in turn:—
- (11) Go to the Blue Box and switch all inoperative pumps OFF (if they aren't already).
- (12) Go to pump, remove panel and switch it to the STAND ALONE mode.



**CALCOPAC PUMP**



**HIGHLINE PUMP**



**ELECTROLINE PUMP**

- (13) Go to the station switchboard and turn the power OFF to the pump. Now turn the power back ON.
- (14) Check pump operation — pump should work when the nozzle is lifted. If not, go to step (21).
- (15) At pump, switch it back to SELF SERVE mode. Refer to diagrams opposite.
- (16) Go to Blue Box and turn switch for this pump ON again.
- (17) Go to Console and push the PUMP SELECT button for this pump twice. Check the SELF SERVE operation of this pump. If O.K. carry out steps (12) to (17) for any other inoperative pump. If not, proceed:
- (18) Ensure all pumps are hung up and transactions completed at the Console (all Status lights should be OFF).
- (19) At the Console, for each inoperative pump:
  - turn keyswitch to **MANAGER** — a **MANAGER** key is required
  - depress the **RESET** mode button
  - push **PUMPSELECT** button for this pump
  - push appropriate grade button for this pump (**SUP**, **STD** or **DIST**)
  - push **AUTHORIZE** button
  - repeat for other inoperative pumps
  - turn keyswitch to **MANUAL**
  - push **PUMPSELECT** button for this pump
  - push "double zero" digit (**00**)
  - push **AUTHORIZE** button
  - repeat for all inoperative pumps
  - turn keyswitch to **OPER**
  - depress **ON** mode button.
- (20) Check for correct operation of pumps in SELF SERVE mode.
- (21) For each pump which is still inoperative:
  - go to Blue Box and turn switch OFF
  - go to switchboard and turn power OFF
  - identify pump as inoperative to customers
  - call for service during normal business hours.

# Operator Instructions for Transac 11-5

For correct operation as listed below at least one pump  
must be powered up and connected to the T11-5 loop system.

⊙ All keystroke sequences marked thus will be confirmed with an audible signal.

## SWITCHING ON

- Mains power is turned on. Console enters emergency stop routine; indicators flash and display flashes all eights.
- Turn key to OPERATOR position.
- Press ON. Pumps assume self serve or manual mode as previously programmed.
- Pressing PUMP SELECT for any pump on the system cancels the self test routine.

CONTROL BOX switches are in DOWN position for pumps in SELF SERVE and MANUAL modes. Switches for pumps not in system must be in UP position.

## NORMAL SELF-SERVE OPERATION

- A customer CALL for service occurs when the nozzle is removed from the pump for delivery. This activates a short audible signal at the console; the STATUS light for that pump flashes.
- The cashier presses PUMP SELECT and AUTHORIZE.  
When the customer hangs up the nozzle, an audible signal sounds at the console. To complete the transaction, press PUMP SELECT; the display shows the transaction data. Press CASH or CREDIT payment to finalise.
- When CREDIT is pressed to finalise a transaction, the credit indicator will light. The pump cannot be reauthorized for 15 seconds after nozzle hang-up.  
Transactions in progress are indicated by blanking portion of the display data.

## PRESET PREPAY TRANSACTIONS

- Press PUMP SELECT then desired dollars amount, \$1 to \$99.
- Press CASH or CREDIT to select customer payment, then AUTHORIZE.  
Delivery may now proceed, the pump cuts off automatically when the preset amount is reached, completing the transaction.  
If the nozzle is hung up before the preset amount is reached, an audible signal sounds at the console; press PUMP SELECT then CASH or CREDIT to view the transaction data. The pump can be reauthorized 3 minutes after nozzle hang-up.  
Press PUMP SELECT then "0" at any time to display current preset amount for the selected pump.

## PRESET-POST PAY TRANSACTIONS

- Press PUMP SELECT then desired dollars amount, \$1 to \$99 then AUTHORIZE.
- Delivery may now proceed; the pump cuts off automatically when the preset amount is reached and an audible signal sounds at the console.
- If the nozzle is hung up before the preset amount is delivered, the audible signal sounds at the console and the pump cannot be authorized for 3 minutes after nozzle hang-up.
- Press PUMP SELECT then CASH or CREDIT to

- Press PUMP SELECT then "0" at any time to display current preset amount for the selected pump.

## VOLUME/CASH/PRICE PER UNIT (PPU) FUNCTIONS

- To display volume/cash conversion or PPU press PUMP SELECT then press the appropriate button.
  - CASH is displayed to nearest cent
  - PPU is displayed to 1/10 cent.

## EMERGENCY STOP

- All transactions, including those in MANUAL mode, are stopped when EMERGENCY STOP is pressed. Reset console by pressing PUMP SELECT of any pump in the system.

## PUMP STOP

- Press PUMP SELECT then PUMP STOP to stop an individual pump.
- To RESTART PUMP — press PUMP SELECT and AUTHORIZE.

## DEAUTHORIZATION

- The console may be programmed so that if a pump is authorized and the nozzle left in the boot, the authorization will cancel at the end of the programmed period.
- If a time period is not required programme zero and authorization becomes continuous.

## POWER FAILURE

- If loss of power occurs during self serve operation, the console enters the emergency stop routine. When power is restored reset system from E stop condition.

## MANUAL MODE SELECTION

- All nozzles must be hung up and all transactions completed at the console.
- Turn the key to MANUAL position.
- Press PUMP SELECT then AUTHORIZE for each pump to be in manual mode.
- If PUMP SELECT for pump in manual mode is pressed, display will show "1".
- After selecting pumps, turn key back to OPERATOR.
- The console will not display data for pumps in MANUAL mode, but will add transactions to inventory and MANUAL shift and station totals.
- Switches in the control box should be in SELF SERVE.

## RE-ENTER SELF SERVE MODE

- All nozzles must be hung up and all transactions completed at the console.
- Turn the key to MANUAL position.
- Press PUMP SELECT, then "00", then AUTHORIZE.
- The display will show "0" for pump in SELF SERVE mode when PUMP SELECT is pressed.
- After selecting pumps, turn key back to OPERATOR.
- Switches in the control box should be in

# Totals and Inventory Control Instructions

Money (Cash/Credit) totals are for all grades.

## MANUAL TRANSACTIONS

Turn key to **MANUAL** position.

### SHIFT TOTALS

- Press **SHIFT TOTALS**.
- Press **CASH** to display cash total.
- ⊙ Press **AUTHORIZE** to reset to zero.

### STATION TOTALS

- Press **STATION TOTALS**.
- Press **CASH** to display cash total.
- ⊙ Press **AUTHORIZE** to reset to zero.

## SELF SERVE TRANSACTIONS

Turn key to **OPERATOR** position.

### SHIFT TOTALS

- Press **SHIFT TOTALS**.
- Press **GRADE (SUP. STD. or DIST.)** to display volume for that grade.
- Press **CASH** to display cash total.
- Press **CREDIT** to display credit total.
- Press **"00"** to display cash and credit totals (includes **MANUAL CASH** totals).
- ⊙ Press **"00"** and **AUTHORIZE** to reset **SELF SERVE** shift totals to zero.

### STATION TOTALS (non-resettable by cashier)

- Press **STATION TOTALS**.
- Press **GRADE** to display volume for that grade.

- Press **CASH** to display cash total.
- Press **CREDIT** to display credit total.
- Press **"00"** to display cash and credit total (includes **MANUAL CASH** totals).

## INVENTORY READING

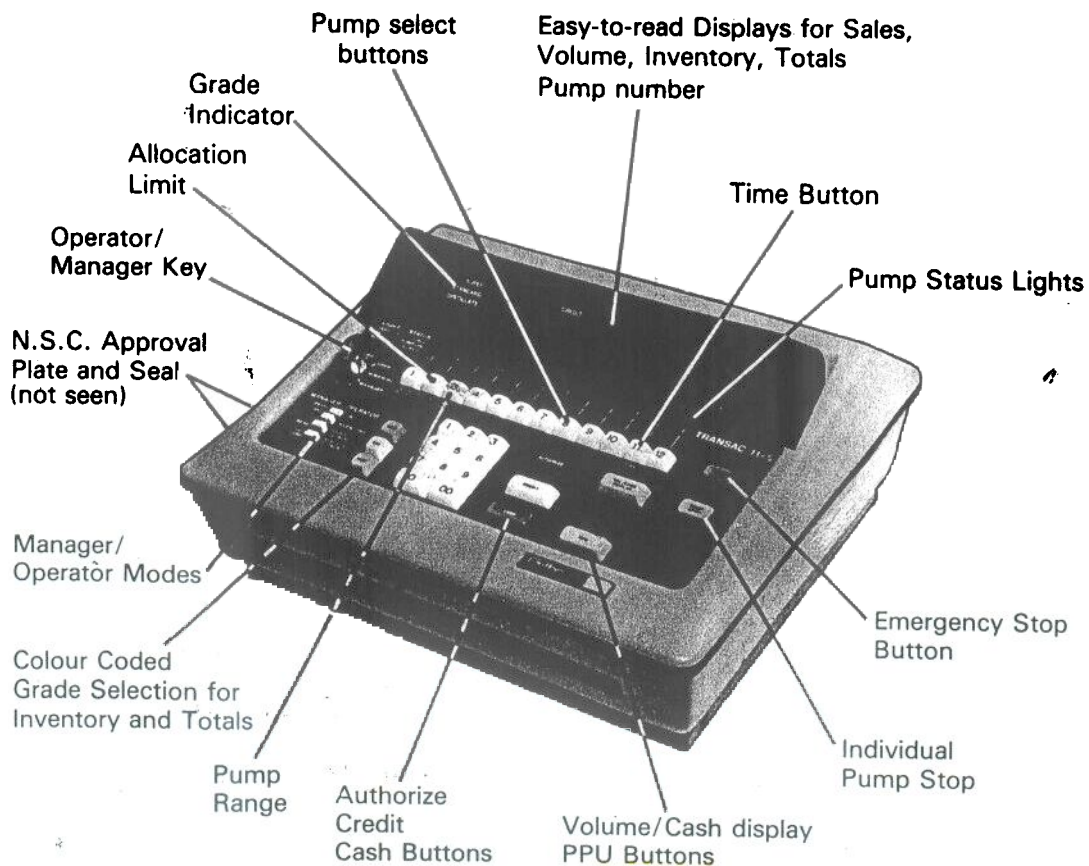
- All nozzles must be hung up and all transactions completed at the console.
- Press **INVENTORY**.
- Press **GRADE** to display inventory for that grade.
- Press **"00"** to display low level inventory for that grade.

## RESET LOW LEVEL INVENTORY WARNING

- All nozzles must be hung up and all transactions completed at the console.
- Press **INVENTORY**.
- Press **GRADE** then **"00"**.
- Enter desired low level amount.
- ⊙ Press **AUTHORIZE**.
- Repeat for other grades.

## ADD TO INVENTORY

- All nozzles must be hung up and all transactions completed at the console.
- Press **INVENTORY**.
- Press **GRADE** and then enter delivery.
- Press **AUTHORIZE**.
- ⊙ Display shows new **INVENTORY**.



CONSOLE T11-5 AND

RUNS MAP'S  
TRANSAC 12AC

- The EMERGENCY STOP button on the Console will still function for pumps in Manual mode.
- Any number of pumps may be programmed into Manual mode. Thus a station may be split with some pumps operating in Manual mode, the rest in Self-serve mode.
- All nozzles must be hung up and transactions complete for any manual programming.

#### 2.10.1. Manual Mode Selection

This is the Console procedure to be used to put some or all pumps in Manual mode.

- All nozzles must be hung up and all transactions completed at the Console.
- Turn the keyswitch at the Console to "MANUAL" position.
- Press PUMP SELECT then AUTHORIZE buttons for each pump to be put in Manual mode. An audible beep signal will sound at the Console.
- The display will show "1" for pump in Manual mode when PUMP SELECT is pressed with the keyswitch in "MANUAL" position.
- After selecting pumps, turn keyswitch back to "OPERATOR" position.
- Switches in the interconnection box should be in Self-serve position (down).
- The Console will not display data for pumps in Manual mode.

#### 2.10.2. Re-Enter Self-Serve Mode

This is the Console procedure to be used to change pumps from Manual mode to Self-serve mode.

- All nozzles must be hung up and all transactions completed at the Console.
- Turn the Console keyswitch to "MANUAL" position.
- Press PUMP SELECT then "00", then AUTHORIZE buttons.
- The display will show "0" for pump in SELF-SERVE mode when PUMP SELECT is pressed with the keyswitch in "MANUAL" position.
- After selecting pumps, turn keyswitch back to "OPERATOR" position.
- Switches in the interconnect box should be in Self-serve position (down).

#### 2.10.3. Manual Shift Totals - Cash Only

##### a. Reading

- With all transactions complete, turn key to "MANUAL".
- Push SHIFT TOTALS mode button.
- Push CASH button to display and read.

##### b. Resetting

- Push AUTHORIZE button after reading.

##### NOTE:

Manual Cash Shift totals should be reset at the same time as the Self-serve Shift totals (see 2.9.2.)

#### 2.10.4. Manual Station Totals - Cash Only

##### a. Reading

- With all transactions complete, turn key to "MANUAL".
- Push STATION TOTALS Mode button.
- Push CASH button to display and read.

##### b. Resetting (key in MANUAL)

- Push the AUTHORIZE button after reading.

##### NOTE:

The Manual Station total should be reset at the same time as the Self-serve Station totals are reset (see 2.11).