

- (s) Carry out normal start-up procedures to make the dispenser operational.
 - Note:** This procedure may have to be repeated several times until the system is properly pressurised.
 - (t) Start the system as described in Section 2 of this manual.
 - (u) When started, open the nozzle, then very slowly open the purge valve. Carefully purge the system until an L.P.G. vapour haze is seen coming from the "pipe away" hose.
- THIS OPERATION MUST BE CARRIED OUT SLOWLY TO AVOID METER OVERSPEEDING AND COMPONENT SHOCK.
- When the vapour haze appears, slowly close the purge valve.
- (v) Close the nozzle and remove the "pipe away" hose.
 - (w) Re-tighten the "vapour reference" connection and OPEN valve V8.
 - (x) The complete system should now be thoroughly tested for leaks. If any leaks are detected, they must be corrected before the System Operation Check can proceed.
 - (y) Set the pump bypass differential to between 500 kPa and 600 kPa; i.e. the bypass pressure should be between 500 and 600 kPa above vapour pressure.

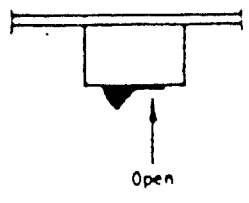
Important: During normal system operation the pressure gauge control valve, V7, must be kept closed.

The system is now correctly "wet", and the System Operation Check may now proceed.

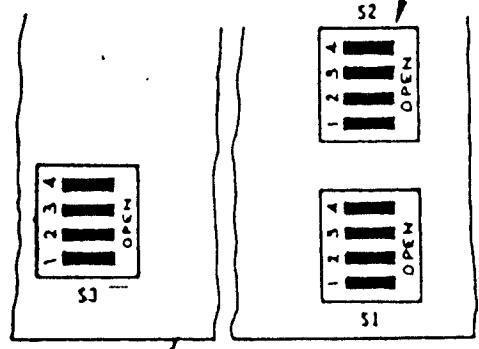
SWITCHES S1 and S2

HOSE NO.	SWITCH NO.			
	1	2	3	4
1	1	0	0	0
2	0	1	0	0
3	1	1	0	0
4	0	0	1	0
5	1	0	1	0
6	0	1	1	0
7	1	1	1	0
8	0	0	0	1
9	1	0	0	1
10	0	1	0	1
11	1	1	0	1
12	0	0	1	1

1 = Open
0 = Closed



S2
For dual only,
not used for single



SWITCH S3

POSITION	OPEN	CLOSED
1	GAS DENSITY TABLE (REFER SECTION 0)6.	
2		
3	NO FUNCTION	RESET MEMORY
4	ROUGH PULSER ON	ROUGH PULSER OFF

WITH V6 OPEN = 'B' SIDE ENABLED
CLOSED = " " " DISABLED.

FIG. 1. SWITCH POSITIONS

WITH V6 OPEN IS RP OFF
" " " " " ON

* 3 & 4 MUST BE OPEN for correct operation

6.3.3 Second Diagnostic Inputs Test

To start this test when the CDM display shows the last transaction, depress the fourth PPU button three times, holding it for a minimum of one second each time.

(a) The display will change as follows:-

ROUGH PULSER B	PULSER B FAILURE	PULSER B	MASTER RESET	ROUGH PULSER SWITCH	LITRES
PUMP B No.		START B SWITCH	NOZZLE B SWITCH		PPU
GAS TABLE					DOLLARS

(b) Descriptions of each digit are given in the following table:-

ROUGH PULSER B	Alternates 1 and 0 when meter shaft rotated.
PULSER B FAILURE	1 = No failure 0 = Failure
PULSER B	Alternates 1 and 0 when meter shaft rotated SLOWLY
MASTER RESET	1 = Open (S3-3) 0 = Closed
ROUGH PULSER SWITCH	1 = Open (S3-4) 0 = Closed
PUMP B NUMBER	0 to 15
START B SWITCH	1 = Activated 0 = Released
NOZZLE B SWITCH	1 = Activated 0 = Released

The GAS DENSITY table is selected by two switches S3-1 and S3-2, as indicated in the following table:-

GAS DENSITY TABLE

Gas Density	S3-1	S3-2
* 051	Close	Close
052	Open	Close
054	Close	Open
056	Open	Open

* Current gas density setting.