Current customer’s set showing:

1) When lever is in UP position, press DOWN, lever moving down. When press UP, the lever will spontaneously (i.e immediately, regardless at which position) move up.

2) When lever is in DOWN position, press UP, lever moving up. When press DOWN, the lever will reverse direction (i.e. move down) when it reach the end of up cycle.

Our current set:

3) When lever is in UP position, press DOWN, lever moving down. When press UP, the lever will not react. When reach end of down cycle, it will also not move up. Pls follow behaviour in (1).

4) Same as when lever is in DOWN position, press UP, there are no reaction when press DOWN when lever moving up. Pls follow behaviour in (2).

The basic behaviour is correct now but there still some bugs. Following is a bit complicated description, I suggest you play a bit with customer set to appreciate the problem

Case A

1) Lever at Down position  
2) Press UP

3) Lever move up

4) Before it reach UP LM, press DW. Then press UP.

5) Lever continue to move up and stay at UP (Now the new sw will move down after UP LM is reached)

Case B

1) Lever at Up positon

2) Press DW

3) Lever move down

4) Before it reach DW LM, press UP.

5) Lever move up immediately

6) Before it reach UP LM, press DW

7) Lever continue to move up till UP LM

8) Then proceed with move down ( Now the new sw will not move down)

In conclusion the sw should remember the last SW press and move accordingly.

To illustrate further on Case B,

At Step 6

6) Before it reach UP LM, press DW ------> then press UP

7) Lever continue to move Up till UP LM and stop

Another bug related to lever behaviour. If DIP SW3 is OFF, down movement should have a delay depending on DIP SW2 ( On= 3s, Off =1s). Now:

1) lever at down position

2) press UP, then DW.

3) lever continue to move up

4) lever move down immediately when LM UP is reached

      --> correct behaiour should be wait for DIP SW3/2 delay setting ( so either 0, 1 or 3s) before it move down

here is a bug in lever behaviour.  When SW3 is ON, the CloseDelayTimer is 1s/3s. When the motor reach UP\_LM.it must stop at UP\_LM, wait 1s/3s belong SW2 & SW3 then reverse.

The Sen2 seems to be working if press UP follow by Sen2

But if it is in Up position, the Sen2 does not response

SEN1 Behaviour:

1) Level at UP position

2) Press DW

3) Lever move down

4) SEN1 detected

5) Level move up immediately

6) SEN1 release

7) Lever stay up

Correct

6) SEN1 release

7) Lever continue to move up until LM\_UP

8) Level move down

Found a bug maybe related to your latest changes on SEN1

1) lever at LM\_UP position

2) SEN1 detected

3) Press DW

4) lever move up

Since it is at LM\_UP position, it should not move up anymore. Note that the motor should not move beyond the LM\_UP or LM\_DW postion.

Correct:

4) motor do not move

5) SEN1 release

6). Level move down

Bug

1) Lever at UP\_LM

2) SEN1 detected

3) press DW then UP immediately

4) SEN1 release

5) lever move down and stop at LM\_DW

Correct

5) do not move down, remain at UP position

More information:

3) press DW then UP then DW

4) SEN1 release

5) lever move down and stop at LM\_DW. Do not move up anymore