

## ADJUSTABLE SENSITIVE EDGE Fault finding check list

1a Check electrical signal from pressure switch by shorting out contacts with door in open Position, either relay will energize and solenoid will activate.

1. A1. Check silver pipe is connected to lower port on pressure switch see fig.1

**No response.**

1. A2. Check operation of spool valve, open/close door electrically & pneumatic via buttons

**No response**

1. A3. Use manual over rides on spool valve to check operation of valve see fig.3

**No response**

1. A4. Check air pressure

2a. Check for power (pos & neg) supplies to coils and relay. Repeat 1a.

2b. Check relay operation by neg feed to (-) No 1. When active will illuminate

2c Check pressure switch by pulsing air into lower port see fig.1

3a Check sensitive edge with door in open position remove pipe (silver). from pressure switch, Depress nosing rubber and a small puff of air will exhaust from pipe. Need to place pipe Against cheek or wet end to indicate air signal.

**No response.**

3. A1. Check silver pipe from pressure switch to nosing rubber for kinking

3. A2. Check for cuts or holes in nosing rubber

3. A3. Check for top & bottom bungs are in place and not leaking by soapy water over end and Then depress nosing rubber. If bubbles appear reseal end with mastic

4a Circuit drawing=PWL303. REV.1.

### 5 Sensitivity of sensitive edge system

Above 5kph (3mph) sensitive edge normally isolated. So edge can't be activated to open doors.

5. A If doors open on their own when fully close and below 5kph the sensitive edge may be too Sensitive and activating from vibration of vehicle.

5.A1 Detection of sensitive edge is too LIGHT requires adjustment as shown in Fig.2.

5.B If doors open just when doors are fully closed.

5B.1 Nosing rubbers on leading edge of doors are too close and are compressing together sending Signal to open doors. Require door adjustment.

5C when doors go to close from fully open position and re-open before closing.

5C.1 Bottom edge of leading nosing rubbers are catching, rubbing on step, floor or an obstruction. Rubbers require adjusting to give clearance on door travel, Remove obstruction

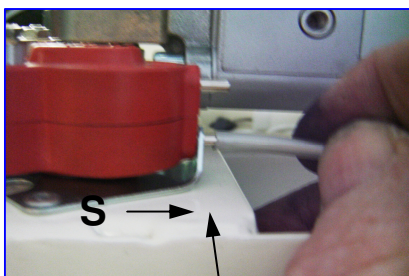


FIG.1

FIT TUBE TO LOWER PORT FOR  
"RISING PRESSURE DETECTION"

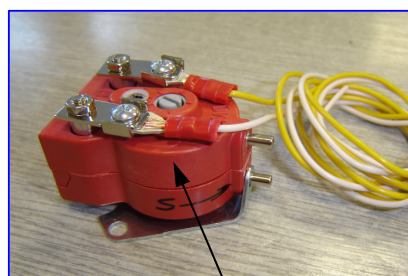


FIG.2

ADJUSTING SCREW  
CLOCKWISE=HEAVY DETECTION  
ANTI-CLOCKWISE=LIGHT DETECTION

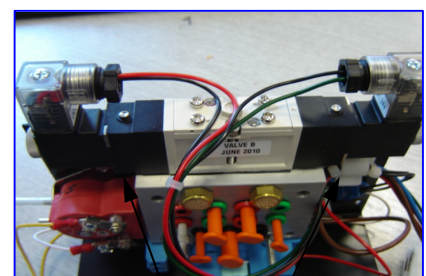
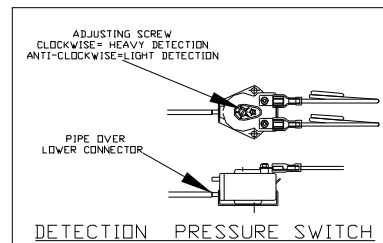
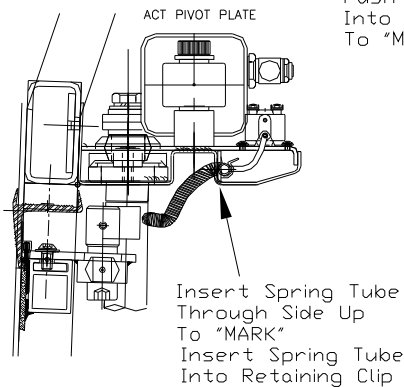
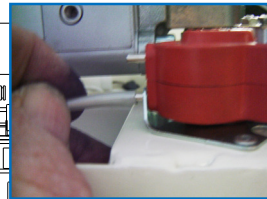
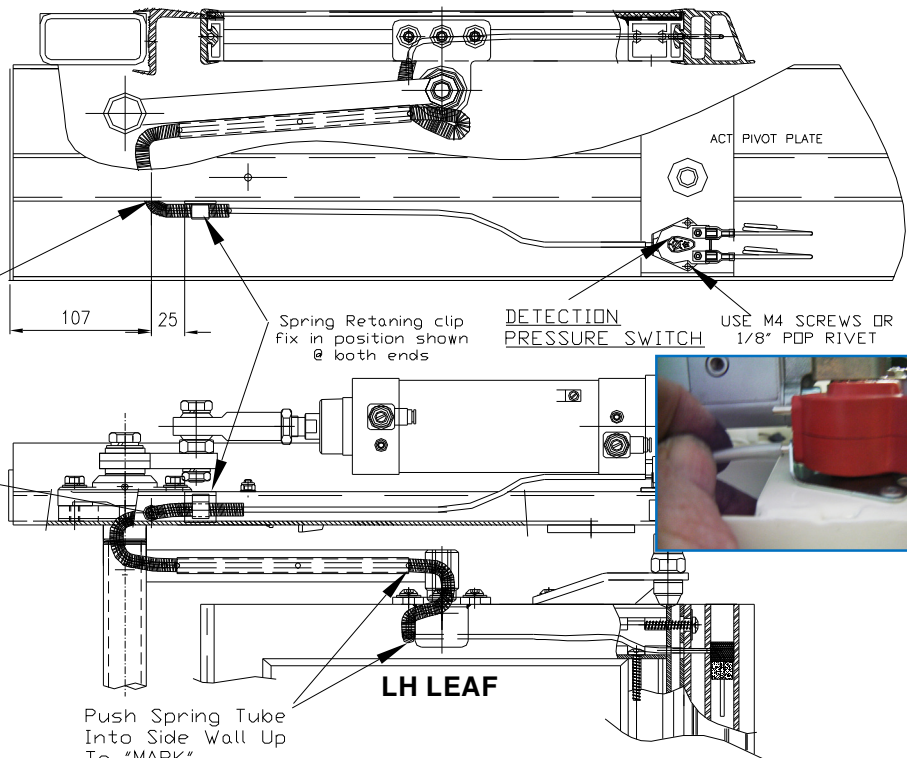
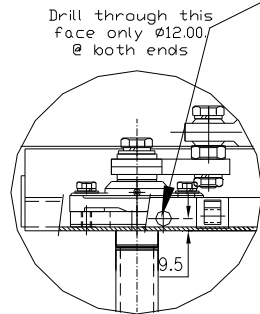
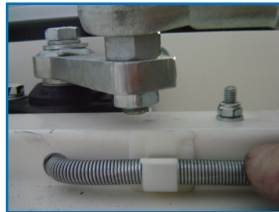
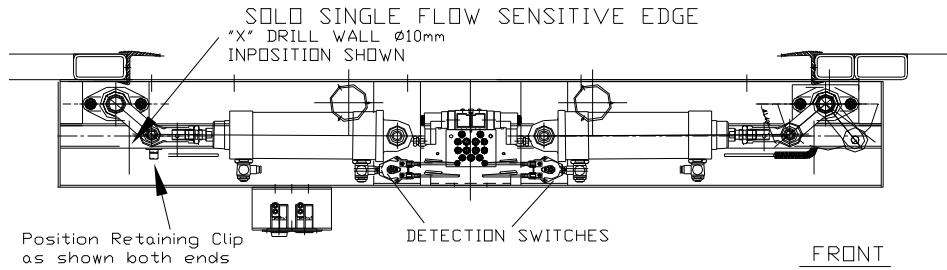


FIG.3

OVER RIDE BUTTONS

# SHELF PLATE/DOOR LEAF SENSITIVE EDGE INSTALLATION



TYPICAL SENSITIVE EDGE INSTALLATION

SEN DATA-005/01 ENG/INST

