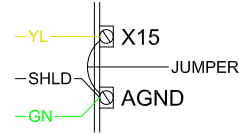


**ELECTRICAL MODIFICATIONS
REQUIRED IF SENSOR FAILS:**

IMPORTANT: TURN OFF POWER!

1. REMOVE SMALL GN AT "5V OUT"
REMOVE SMALL RD AT X14
REMOVE BARE SHLD AT AGND
MOVE YL AT X15 TO X14

2. JUMPER X15 TO AGND



TDS CARD MODIFICATIONS

3. MOVE JUMPERS TO UPPER POSITION

TURN POWER ON

4. ROTATE CAL POT COUNTER CLOCKWISE UNTIL TEMPERATURE - "MODE 3" - READS 75

INSTALL AND CAL NEW SENSOR:

IMPORTANT: TURN OFF POWER!

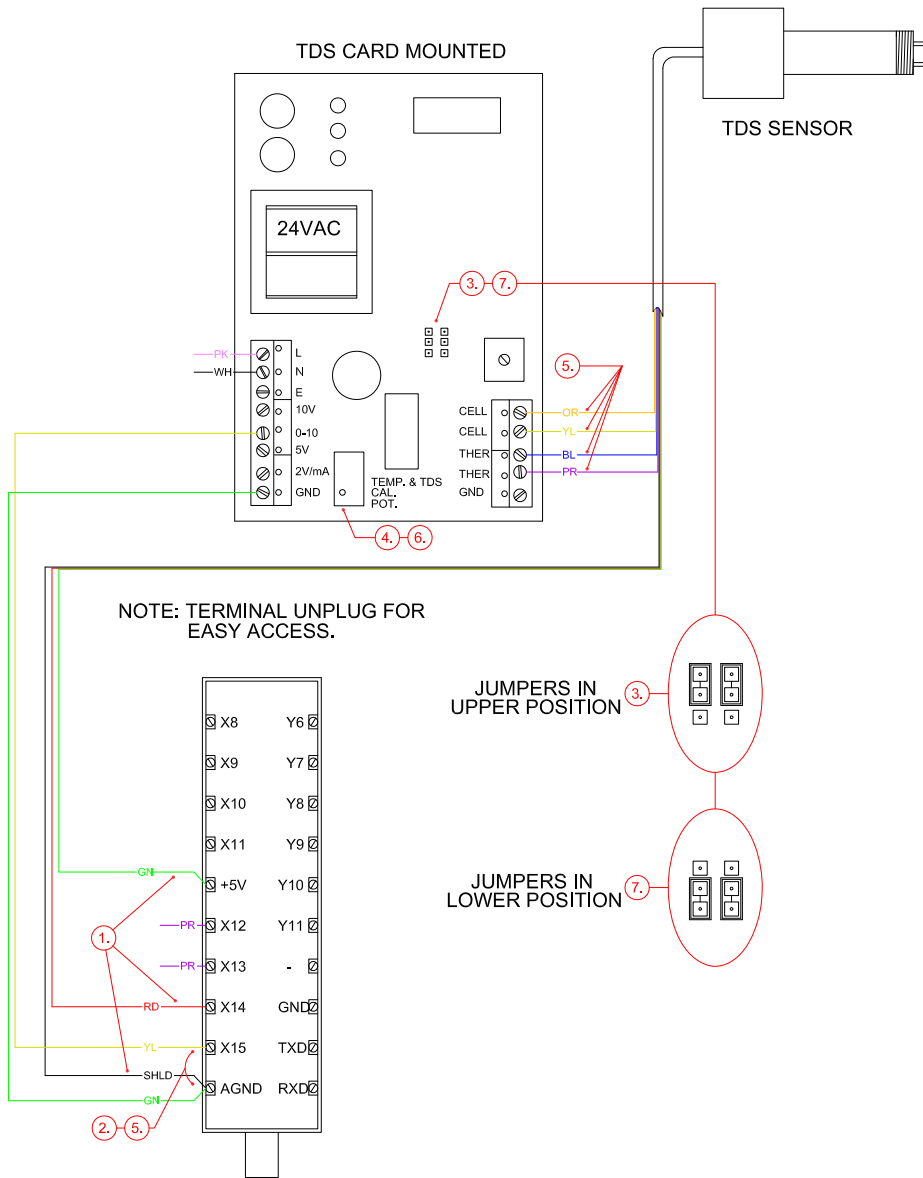
5. REMOVE OR, YL, BL, AND PR FROM TDS CARD AND DISCARD OLD SENSOR
MOVE YL FROM X14 TO X15
REMOVE JUMPER X15 TO AGND
REPLACE SMALL GN, RD AND SHLD WITH NEW SENSOR WIRES
REPLACE OR, YL, BL, AND PR ON TDS CARD



TURN POWER ON

6. ROTATE CAL POT CLOCKWISE UNTIL TDS - "MODE 2" - READS 203

7. MOVE JUMPERS TO LOWER POSITION



WIRE NOTATIONS:

- BK = BLACK
 - BL = BLUE
 - GN = GREEN
 - RD = RED
 - YL = YELLOW
 - WH = WHITE
 - PR = PURPLE (VIOLET)
 - PK = PINK
 - BR = BROWN
 - OR = ORANGE
 - GR = GRAY
- TRACER WIRE SAMPLE
RD/WH = RED WITH WHITE TRACER

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DRAWING TITLE:
TDS SENSOR CALIBRATION
INSTRUCTION SHEET
TEMPORARY JUMPER

SCALE:
Scaled

AUTHOR:
B.W.

DATE:
12-27-2012

FILE NUMBER:

HVS REFERENCE NUMBER:
1059