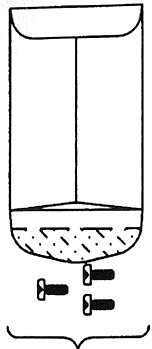


ORIGINAL

SCREW AT 12:00 O'CLOCK
& 6:00 O'CLOCK LOCATION

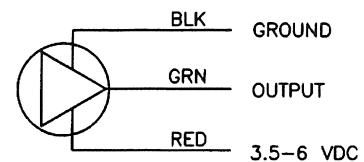
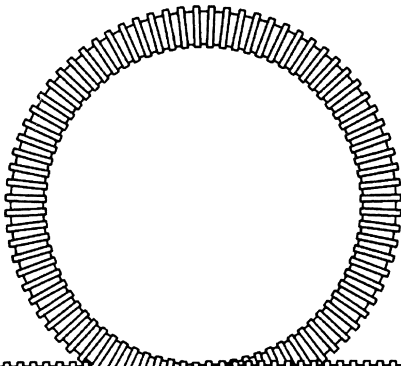
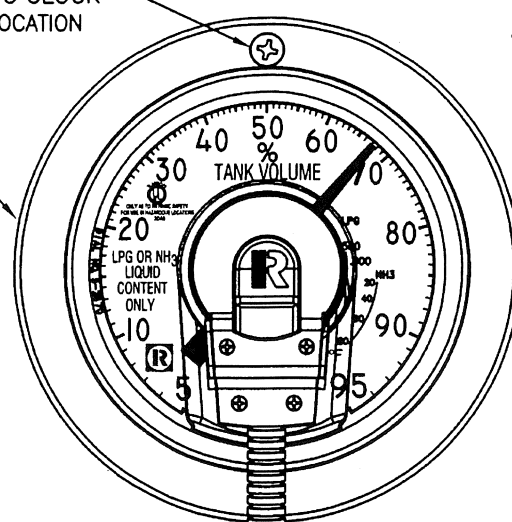
FRONT

0115-01089
8/11/03
ER # 15273



0040S00056
SCREW PACK

BEZEL



INSTRUCTIONS FOR ATTACHING THE 4" HALL EFFECT DIAL ON 4" SENIOR GAUGES

The Senior 4" gauge head has one sheet metal dial mounting bracket. The gauge dial is attached to bracket using two #10 screws that extend through the bezel and into the bracket. There will be #10 bezel-screws at 12:00 & 6:00 O'clock.

1. Note and record the pointer reading on gauge dial. Remove dial from gauge by removing two #10-32 bezel-screws, one at 12:00 O'clock, one at 6:00 O'clock.
2. Rotate a magnet or steel tool near center rear of new dial to rotate pointer to approximate the pointer reading you recorded from the old dial. Place dial into the dial-mounting bracket. Use two new #10-32 x 3/8" screws from the envelope to secure bezel and dial to bracket.
3. Observe dial pointer reading and assure that it is within a few percentage points of the recorded reading from old dial.
4. NOTE: The drive magnet in an ordinary senior gauge is not powerful enough for correct function of 4" Hall Effect dial.

WARNING: DO NOT REMOVE GAUGE MOUNTING BOLTS. TANK MAY CONTAIN HIGH PRESSURE AND FLAMMABLE GAS. A HAZARD OF FIRE OR EXPLOSION MAY EXIST IF GAUGE MOUNTING BOLTS ARE LOOSENED OR REMOVED. IMPROPER INSTALLATION OR USE OF THIS DIAL MAY CAUSE SERIOUS INJURY OR PROPERTY DAMAGE.

CAUTION: IMPROPER DIAL SELECTION OR APPLICATION MAY RESULT IN INACCURATE GAUGE READINGS. RELEASE OF TANK CONTENTS MAY OCCUR IF TANK IS OVERFILLED. FUEL EXHAUSTION MAY OCCUR IF TANK CONTENTS ARE LESS THAN INDICATED. THIS DIAL IS NOT A SUBSTITUTE FOR A FIXED LIQUID LEVEL GAUGE OR WEIGHT MEASURING DEVICE THAT MAY BE REQUIRED FOR FILLING.

APPLICATION NOTES FOR 5978S00453, 5ABUS02870
& 5ABNS02870:

1. SEE DS-1318 FOR HALL TWINSITE INFORMATION.
2. SEE WD-566 FOR CONTROL DRAWING.
3. WITH 5 VOLT INPUT, BEST ACCURACY WILL BE OBTAINED USING THE CALIBRATION DATA IN THE TABLE BELOW.

USE THIS CHART WITH TWINSITE 5948S02785:

GRADUATION	DESIGN OUTPUT VOLTS
5	0.25
10	0.68
20	1.19
30	1.56
40	2.00
50	2.50
60	3.00
70	3.44
80	3.82
90	4.30
95	4.49

USE THIS CHART WITH TWINSITE WITH BLANK DIAL
5AANS02086 & P5AAPS02086:

GRADUATION	DESIGN OUTPUT VOLTS
5	0.18
10	0.54
20	1.03
30	1.39
40	1.88
50	2.44
60	3.03
70	3.57
80	3.97
90	4.42
95	4.82