Diesel Fuel Tester

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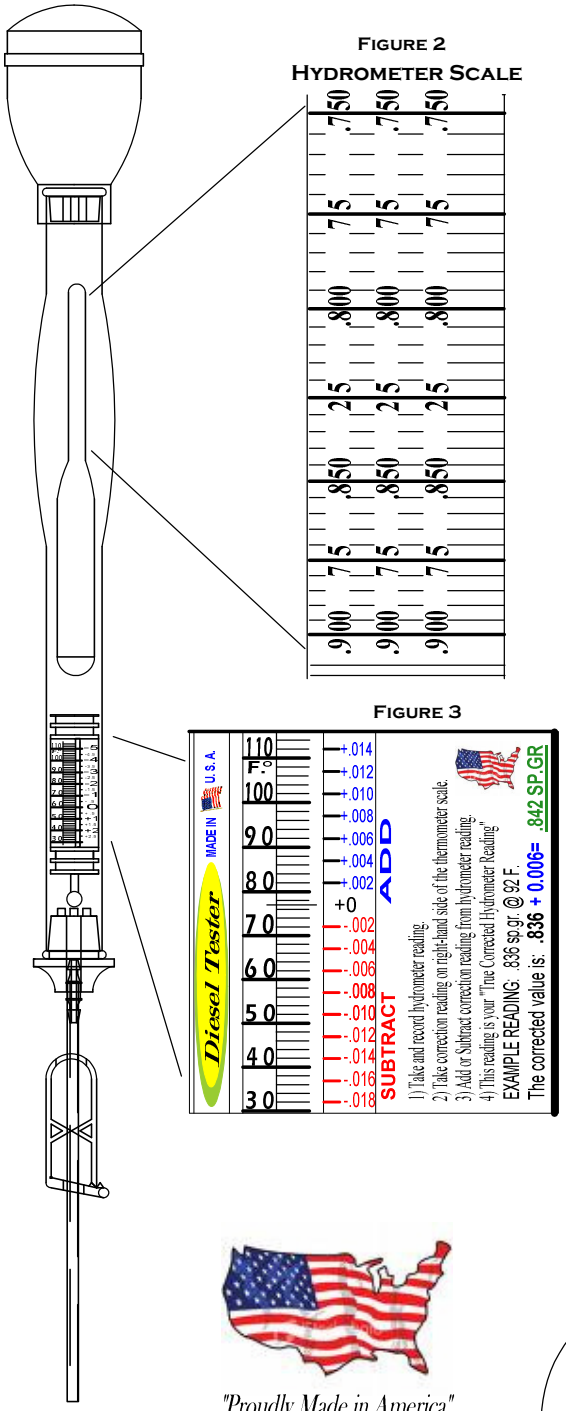


FIGURE 2
HYDROMETER SCALE

FIGURE 3

"Proudly Made in America"

Assembly and Usage Instructions

1) Gently place ***Hydrometer Float*** inside ***Glass Barrel***. GENTLY!!

2) Lubricate the ***Rubber Stopper*** and the top of the ***Glass Barrel*** with water. Insert the narrow end of the ***Rubber Stopper*** snuggly into the top of the ***Glass Barrel***.

3) Lubricate the top end of the ***Glass Barrel*** and the opening of the ***Rubber Bulb*** with water. While holding the ***Rubber Bulb*** in one hand , and the ***Glass Barrel*** in in the other, place the edge of the ***Glass Barrel*** into the opening of the ***Rubber Bulb***. Rotate and push the ***Glass Barrel*** into the ***Rubber Bulb*** until it seats securely into the groove of the ***Rubber Bulb.***

4) Gently insert the ***Hydrometer*** into the ***Glass Barrel*** as shown in Figure 1.

5) Lubricate the bottom of the ***Glass Barrel*** and the opening of the ***Rubber Tip*** with water. Holding the ***Glass Barrel*** in one hand and the ***Rubber Tip*** in the other, rotate and push the ***Rubber Tip*** onto the ***Glass Barrel*** until it snaps securely in place.

6) You are now ready to use this instrument.

Liquid Extraction

1) Always use eye protection when using this instrument.

2) Hold ***Hydrometer Set*** in vertical position

3) Gently squeeze ***Rubber Bulb*** until most air has been expelled.

4) Carefully lower the end of the ***Rubber Tip*** into the liquid being tested.

5) Release pressure on the ***Rubber Bulb*** and allow the liquid to fill the ***Glass Barrel***.

6) Lock the ***Hose Clamp*** located on the ***Rubber Tip***. It is important to lock the ***Hose Clip*** BEFORE the ***Rubber Tip*** has been removed from the liquid. If the ***Rubber Tip*** is removed before the ***Hose Clip*** has been locked, air bubbles will enter the ***Glass Barrel*** and affect your reading.

7) Hold the Instrument vertically, and make sure the ***Hydrometer*** floats freely in the ***Glass Barrel***.

Instrument Reading

1) It is important to become familiar with the ***Hydrometer*** and ***Thermometer*** scale. Refer to Figure 2 and 3 as a reference.

2) Take and record your ***Hydrometer Reading***. Refer to Figure 4 for proper technique.

3) Take and record you ***Thermometer Correction Reading*** which is located on the right-hand side of the ***Thermometer*** scale.

4) Add/Subtract correction reading from ***Hydrometer Reading.***

5) This reading is the ***"True Corrected Hydrometer Reading".***

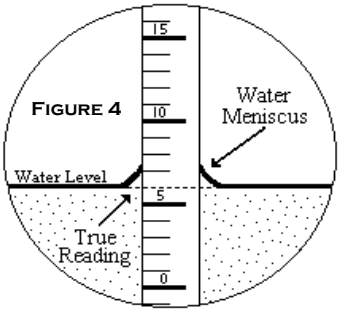
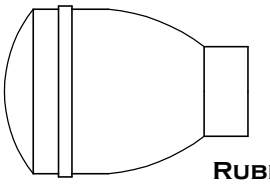


FIGURE 4

UNASSEMBLED



RUBBER BULB

HYDROMETER FLOAT

RUBBER STOPPER

GLASS BARREL

RATCHET CLAMP

RUBBER TIP