



INSTRUCTIONS FOR USING WATER SPECIALTIES GEAR GAUGE #1-2710

The Water Specialties Gear Gauge has been produced to incorporate three separate functions: first, it has a gauge for setting the height of the totalizer drive magnet (fig. 1); second, it has a gauge for setting the proper height of an indicator drive gear or a transmitter drive clevis (fig's. 2 and 3); and third, it functions as a gauge for setting the position of the indicator driven gear (fig. 4).

DRIVE MAGNET

Use the gauge as shown in figure 1 to position the totalizer drive magnet 1/16" below the top of the meter head. Be sure the meter head is clean and free of gaskets or debris that may interfere with proper setting of the magnet height.

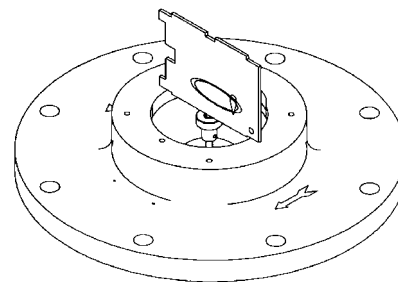


FIGURE 1

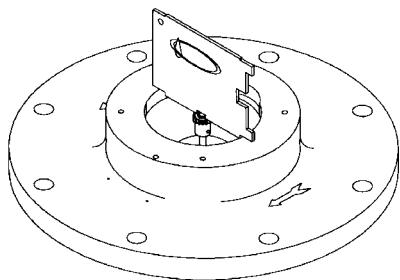


FIGURE 2

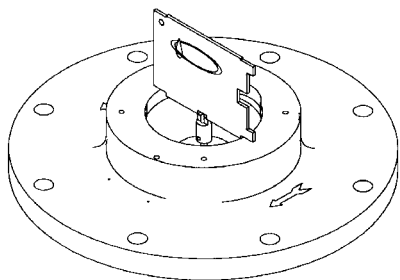


FIGURE 3

INDICATOR DRIVE GEAR / TRANSMITTER DRIVE CLEVIS

Use the gauge as shown in figure 2 to position the indicator drive gear 1/8" below the top of the meter head. Use the gauge as shown in figure 3 to position the transmitter drive clevis 1/8" below the top of the meter head. Be sure the meter head is clean and free of gaskets or debris that may interfere with proper setting. Refer to the specific indicator/transmitter service manual for further instructions on indicator or transmitter mounting.

INDICATOR DRIVEN GEAR

Use the gauge as shown in figure 4 to position the indicator driven gear 1/4" below the indicator base. This will position the top face of the driven gear (closest to the base) 1/8" below the meter head when the indicator is installed. Be sure the indicator base is clean and free of debris that may interfere with proper setting. Refer to the specific indicator service manual for further instructions on indicator mounting and setting the proper gear mesh.

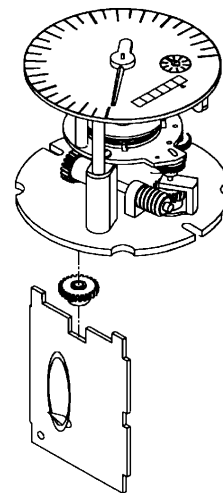


FIGURE 4