

SIGHT GAGES - CLOSED CIRCUIT

GAGES W/PIPE ADAPTERS INSTALLATION INSTRUCTIONS

NOTE: The centerline distance between pipe couplings in the reservoir to mate with selected centerline of gage to be the nominal gage centerline $\pm .03$ inch (± 0.8 mm).

1. Remove pipe adapters from package or from sight gage if received assembled.
2. Apply an anaerobic thread sealant or pipe dope to the male pipe thread of each adapter. Do not use RTV or teflon tape as the thread sealant.
3. Assemble pipe adapters into pipe couplings on reservoir by hand until firmly secured.
4. Mark one hex flat on each adapter extending the mark onto the coupling surface. These marks will be used to identify each adapter's relative position while further tightening the pipe adapters with a wrench.
5. Use a wrench to further tighten each adapter 1 to 1-1/2 turns beyond finger tight to achieve a leak free joint. Use the marks previously placed on the hex flats to aid in identifying when the correct number of assembly turns has been achieved.
6. Verify o-rings on back of gage and under the head of the mounting bolts (or thermometer shield) are in place on the gage body. Secure the gage to the pipe adapters by first tightening each mounting bolt (or thermometer shield) by hand.
7. Using a torque wrench, uniformly tighten the mounting bolts (or thermometer shield) to 60 in-lbs (6.78 N-m).

NOTE: The tank seal is designed to space the gage body away from the tank wall. Excessive assembly torque may cause the tank seal to fail prematurely.