

JPSG Series

Sight Glass Assembly

INSTALLATION INSTRUCTIONS

1. Examine the gauge glass prior to installation. Do not use the glass if it contains any scratches, chips, or visible signs of damage.
2. Apply Teflon tape or pipe dope to the pipe threads. Install the top gauge fitting (fitting without a drain valve) into the upper tapping. Wrench tighten the fitting until it is snug and the glass outlet is pointing at five o'clock.
3. Install the bottom gauge fitting (the fitting with the drain valve) until it is snug and the glass outlet is pointing directly upward. Verify top and bottom fittings are threaded into the tappings the same number of turns (distance A = distance B).
4. Remove the glass packing nut, friction washer (or packing gland), and glass packing from the fittings, and place them, in the same order, onto both ends of the gauge glass. Push both packings about an inch up the glass.
5. Gently insert one end of the glass into the top gauge fitting, gently rotate the top gauge fitting clockwise until vertically aligned with the bottom gauge fitting, then insert glass into bottom fitting until the glass bottoms out on the shoulder inside the bottom fitting.
6. Carefully raise the glass about 1/16" and slide the lower glass packing down until the glass packing contacts the lower gauge fitting. **DO NOT** allow the glass to remain in contact with any metal!
7. Carefully slide the upper glass packing up as far as possible.
8. Hand tighten both glass packing nuts, then tighten another 1/2 turn by wrench. Tighten only enough to prevent leakage. **DO NOT OVER TIGHTEN!** If any leakage should occur, tighten slowly, a quarter turn at a time, checking for leakage after each turn.
9. Install the protective guards to prevent injury in case of glass breakage.

MAINTENANCE INSTRUCTIONS

1. Examine the glass regularly for any signs of clouding, scratching, erosion, or corrosion.
2. Use commercial non-abrasive glass cleaners to keep the glass clean. Periodic inspection for leakage and proper function is recommended.

