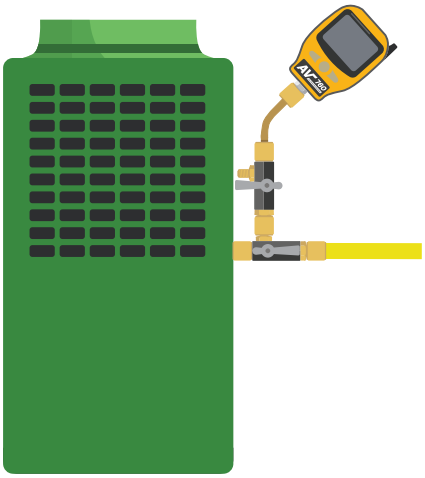
Vacuum Gauge Isolation



Use a Ball Valve to Isolate the Gauge - You may use a Valve Core Removal Tool (Ball Valve) or Core Control Tool to further reduce the chances of oil ingress. Manually isolate the gauge from the system during charging or other times when oil is present.

Note: Use vacuum-rated tools for trouble-free operation.

**Setup shown isolates AV760 during charging*

Cleaning & Maintenance

If the AV760 sensors get dirty and are no longer reading correctly, the sensor housing can be removed to enable easy cleaning of the sensor.

Use quick-drying electronic cleaner to clean the sensor. For detailed cleaning instructions, see the AV760 Operation Manual or scan the QR code below to view our step-by-step walk-through video.

Service Tip: When cleaning the sensor, also clean the removable fitting as oil may become trapped in the fitting and affect readings.

Service Tip: Periodic cleaning as part of regular maintenance will reduce the chances of erroneous readings.

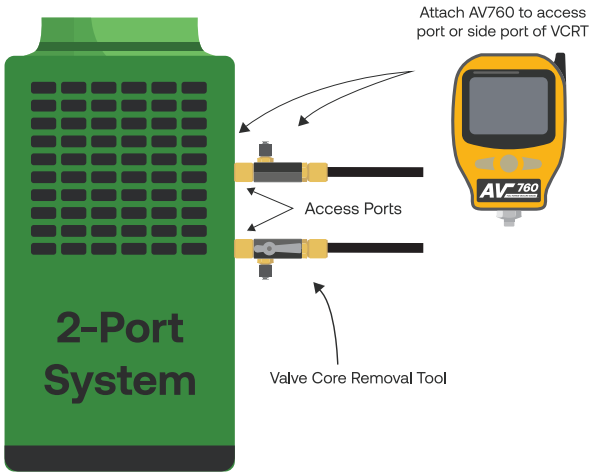
Learn more about the AV760 at AppionTools.com/AV760

Appion®

AV760 FULL-RANGE VACUUM GAUGE™

Quick Tips & Care Guide

Vacuum Gauge Placement



Connect the vacuum gauge to the system as far from the pump as possible - For a system to be adequately dehydrated a deep vacuum must be achieved throughout the entire system, not just the point where the vacuum pump is connected. Vacuum pressures do not equalize as fast as high pressures. For the most accurate reading of vacuum depth throughout the system, connect the vacuum gauge at an access port on the system that is furthest from the vacuum pump. It's possible for one end of the system to be evacuated to 1,000 microns while the other end - far from the vacuum pump - can still be at 10,000 microns.

Service Tip: Connect the gauge at the valve core removal tool's side port or on a spare system port.

Service Tip: On larger systems, multiple gauges may be used simultaneously to measure vacuum depth in different spots for a more complete analysis.

Vacuum Gauge Orientation

A vacuum gauge's ability to deliver accurate readings relies on a clean sensor. Accuracy of any vacuum gauge can be affected by oil contamination, so it's important to minimize the chances of contamination during use.

Keep the Gauge Upright - During the evacuation process, oil from the system will migrate towards the vacuum pump. As it passes the vacuum gauge connection port, gravity may cause the sensor to become flooded with oil and produce inaccurate readings.