Appion®

AV760

FULL-RANGE VACUUM GAUGE™

Do's

- Position the AV760 in an **upright position when pulling a vacuum.**
  Why: Doing this prevents oils from migrating into the sensor housing during the evacuation process.
- Make sure to **isolate the AV760 before charging the system.**
  Why: Doing this prevents high-pressure oils and refrigerant from damaging the sensors.
- Periodically **check the ball check valve** for free movement.
  Why: The ball check valve can become stuck in a closed position when protecting the sensors from oil. If stuck in the closed position, the sensors will not give an accurate reading.
- Periodically **check the oil catch filter** for oil and debris.
  Why: Oil and debris on the catch filter increase the chance of the sensors being damaged in an accidental over pressure situation. This is the last line of defense for your sensors.
- Periodically inspect the knurled fitting o-ring and **use a small amount of vacuum grease on the o-ring during assembly.**
  Why: Over time, the o-ring can degrade. Periodically inspecting the o-ring and assembling the knurled fitting with vacuum grease ensures you will have a properly sealed vacuum gauge for years.

Don'ts

- **Do Not** connect the gauge to systems that are under pressure.
  Why: Although the AV760 is rated for 400 psi, avoiding positive pressures is the best practice to ensure no oil or debris is embedded in the sensors, which would create a false reading.
- **Do Not** insert objects or spray cleaners into the sensor ports.
  Why: Touching the electronics with an object or spraying them with a high-pressure cleaning agent can damage the sensors.
- **Do Not** use the AV760 body to tighten down on system service ports.
  Why: Avoid excessive tightening which can damage the system fittings or the vacuum gauge by using vacuum grease to ensure a proper seal.
- **Do Not** store the AV760 for extended periods with batteries installed in the battery compartment.
  Why: Removing the batteries for extended storage periods prevents corroded batteries from damaging the vacuum gauge's internal components.

Learn More At
www.AppionTools.com