# INSTRUCTIONS

1. Connect a NEW dedicated charging hose or metal hose to the micron gauge. All pre-used hoses contain oil and this will contaminate the sensor.
2. With hose attached to gauge, connect a D10162 shut-off valve on the opposite end. This is a safety precaution to protect the gauge sensor from pressures exceeding 300 psi.
3. It is recommended to connect the micron gauge hose directly to either the high or low side of system for a more accurate reading. However for convenience, the micron gauge may be connected directly to the vacuum pump or charging manifold with hose no shorter than 3 feet.
4. Push square button to turn gauge on. If unit does not display any characters, check to be sure batteries are correctly installed. The start-up character display will read in the following order.

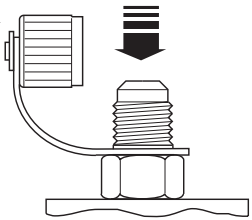
| | |
|---|---|
| J:B<br>MICRONS | Sensor calibrates automatically at start-up and monitors vacuum level every 5 seconds. |
| 1<br>MICRONS | Displayed until system has gone down below 9,999 microns at which time visual display will begin. |

5. The micron gauge power saver feature automatically turns the gauge off after 10 minutes. To continue, repress the start button; J:B will be displayed followed by the current reading.
6. To check for a leak using the vacuum pump blankoff valve, a metal hose/ O-ring coupler or copper tubing must be used; standard hoses permeate and will not hold a vacuum. The reading will increase naturally due to equalization; a minimum of 5 minutes is normal at which time the reading should hold. Continual increase may indicate a leak within the system.

# CLEANING VACUUM SENSOR

OIL IN THE SENSOR WILL CAUSE ERRATIC READING

DO NOT USE Q-TIP'S TO CLEAN SENSOR.



Remove protective cap. Fill vacuum hose connection fitting half full with alcohol.

Replace cap. Gently shake the gauge to allow the alcohol to rinse the inside of the sensor.

Remove cap and pour out the alcohol. Turn gauge upside down and allow the vacuum sensor to dry for 20-30 minutes before using gauge or replacing cap.

# WARRANTY

DV-20 is warrantied for 12 months after manufacture date. The warranty covers a 6 month over-the-counter return with the balance covering repair only. For repair, return the complete unit to your local wholesaler. In warranty items must have a copy of the invoice included.

JB INDUSTRIES
630.851.9444
Printed in USA Form 10751-306
© 2007 J/B Industries Inc.