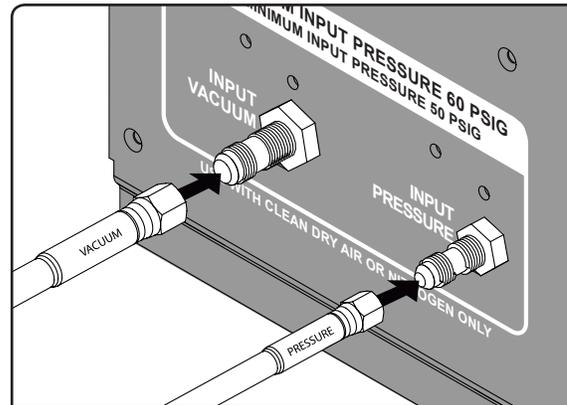


This is a notice to all TestVonics Air Data Calibrator users. We have had several calls from users who are finding a Track loss during Auto Exercise. TestVonics found several users using 1/4" tube with an adapter fitting(s) from the vacuum source to the rear panel and getting a track loss condition. For this reason we are releasing this notice for all users to check the following:

### Connecting External Vacuum and Pressure to the rear panel

The ADC-2500 requires external Vacuum and Pressure source. To apply a Vacuum and Pressure source, do the following:

- 1 Locate the Input Vacuum and Input Pressure ports on the ADC-2500 rear panel.
- 2 Unscrew the dust caps
- 3 Attach the Pressure hose with the AN4 fitting on the end to the Input Pressure port. Tighten with a 9/16" wrench.
- 4 Attach the Vacuum hose with the AN6 fitting on the end to the Input Vacuum port. Tighten with an 11/16" wrench.
- 5 After ensuring that the Vacuum and Pressure sources are properly regulated, apply pressure and vacuum.



**See notes below about sources and tubing**



### CAUTIONS

- TestVonics recommends the use of oil free dry diaphragm or dry scroll pumps. When operating the ADC-2500 with oil pumps, labs should use safeguards (such as oil traps) to ingestion of oil into the pneumatics. The ingestion of oil into could potentially impact the system warranty.

### Vacuum Source Hoses

The hosing from the vacuum source to the ADC-2500 rear panel must be at least 3/8" diameter. TestVonics recommends MIL-H-5593-6 hosing to meet this requirement. TestVonics offers a Vacuum Hose Assembly (Part No. ADC-2500-VAC-1-08) for purchase that meets this requirement.

### Pressure Source Hoses

The hosing going from the pressure source to the ADC-2500 rear panel must be at least 1/4" diameter. TestVonics recommends using MIL-H-5593-4 hosing from the Pressure source. TestVonics offers a Pressure Hose Assembly (Part No. ADC-2500-PRES-1-08) for purchase that meets this requirement.

TestVonics also offers portable Pressure Source (ADC-2500-PRES-115\*) and Vacuum Source (ADC-2500-VAC-115\*) for purchase if adequate sources are not available.

### ADC-2500 Software

ADC Software Version 3.1.23 was implemented to reduce the rates during Auto-Exercise from 50,000 feet per minute to 35,000 feet per minute for the Static (Ps) channel and from 800 knots per minute to 500 knots per minute for the Pitot (Pt) channel.

If you track loss with an older version of software, you can run auto-exercise manually. Set rates to 35,000 feet per minute and 500 knots per minute.