

Dual Static Port Adapter SPA2

Installation Instructions:

1. Cut the line to your existing static port adapter plate about 6" - 12" from the control panel inside the "Static Port Adapter" box.
2. Push each end firmly onto the "tee" which is supplied on the end of your Dual Static Port Adapter Hose.

Operating Instructions:

1. Raise the toggle valve up to the "vent" position. This will vent the 3 suction cups and will close the vacuum line.
2. You can now apply the other (primary) static port adapter plate to the aircraft.
3. Next, position the second static port adapter plate to the aircraft skin and move the toggle valve to "hold".

NOTE: If your original "SPA" is equipped with a knurled vent valve, you must first remove the other SPA plate by moving the toggle valve to vent. Failure to do so will result in both plates losing vacuum simultaneously.

DALLAS AVIONICS, INC.

US/Canada 800-527-2581 / 214-320-9770 Fax 214-320-1057 E-mail: dai@dallasavionics.com
Lansdale, PA 800-523-5949 / 215-368-9966 Fax 215-368-9673

OPERATIONAL INSTRUCTIONS

!!! WARNING !!! THE VACUUM PUMP IN THE STATIC PORT ADAPTER KIT MUST REMAIN "ON" FOR THE ENTIRE DURATION OF STATIC SYSTEM TESTING.

1. After selecting which static port you are going to utilize, be sure the surrounding area is clean so your static port adapter can seal properly to the aircraft skin.
2. TEMPORARILY plug all other static ports.
3. Select the proper size of suction cup for the static port tube and change it if necessary. To insure proper seal, moisten static port cup with a thin layer of grease or vaseline.
4. Turn the static port adapter vacuum pump on.
5. Close the brass vent valve on the static port adapter.
6. Position the static port adapter over the port and center the static port tube directly over the static port on the aircraft.
7. Press down slightly to ensure that the static port tube spring gets compressed and the 3 suction cups seal tightly to the aircraft skin.
8. Connect the static system test box to the static port tube. **!!! WARNING !!!** The pump in your static port adapter box must remain "ON" at all times while static system testing is in progress. Loss of power to the static port adapter pump during testing could result in damage to any instruments connected to the static system, i.e., altimeter, vertical speed, encoding altimeters, air speed, altitude hold and others.
9. After static system testing is completed and static system test box is disconnected from static port adapter, turn off vacuum pump in static port adapter box and open vent valve to release static port adapter from aircraft skin.
10. Make sure that all static ports are unplugged and free from obstruction before returning aircraft to service.

For service on this unit, call DALLAS AVIONICS, INC.