

## Trouble Shooting the Scott 1/4 turn Connector

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 9:18 AM

**There are several symptoms that can be produced from a bad or "failing" Scott connector.**

1. **Erratic movement on the graph during test. "earthquake" reading**
  - a. Most likely the two inhalation valves have been left in place. This means they did not acquire the connector from us. On the picture to the right both valves have been removed. The larger valve behind the crosshairs has to be removed with needle-nose or hemostats.
2. **Chronic failures but FF produced.**
  - a. If the test results in a FF too low to pass it could be due to a dirty exhalation valve. On the CBRN version pictured above the rubber sleeve must be removed to expose the valve. On the regular version below the valve is under the removable plastic SCOTT cap. Clean thoroughly. Can also be the compression pad.
3. **No challenge pressure achieved at all.**
  - a. That can be the result of all the things listed above but may also be the matter of the foam compression pad on the back no longer sealing. This pad can be replaced but best practice is to replace the entire connector.



### Other symptoms to look for in a faulty Scott Connector.

- Everyone passing then suddenly no one passes.
- On FT 3000 a repeating score of 46,000 or more. This indicates the valves are still in place.

