

Turbomolecular pump (TMP 5154)

SYMPTOM

ORIGIN / DIAGNOSTIC CONFIRMATION

REMEDY

 **Critical failure**  **Chap. C**
"Error/information indicator and display"

Turbomolecular pump failure

**Turbomolecular pump
overheating**

Check the connections :
unplug and plug the cables
on the P0326 board and
the pump.

NO

Turbomolecular pump
Mechanical hard spot
(does not spin freely by hand)

Contact customer service.

Turbomolecular pump speed

P0326

Switch is in running-in

NO

**The exhaust pressure of
the turbomolecular pump
is not correct (≤ 5 mbar)**

Check the dry pump.

NO

The exhaust valve
has not opened

Check the gross leak test
mode valve.

 **E "Valves installation
and maintenance".**

NO

Leaks
on lines, valves, pump or cell

Check the tightness of the
canalisations, valves, pumps
and cell. (alcohol test or use
of another detector).

NO

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 **Major fault**  **Chap. C**
“Error/information indicator and display”

