

Pneumatic Test Program – Test (RHR)

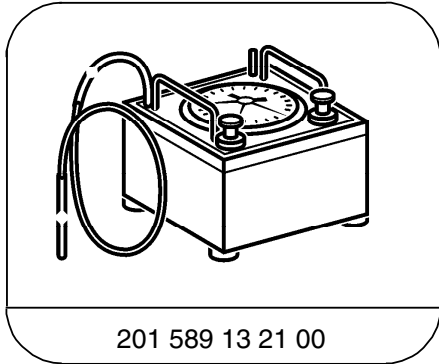
Preliminary work:

PSE control module voltage supply 23 PSE ⇒ 1.0, 2.0
 PSE Control Module Test 32 PSE

Data (mbar)

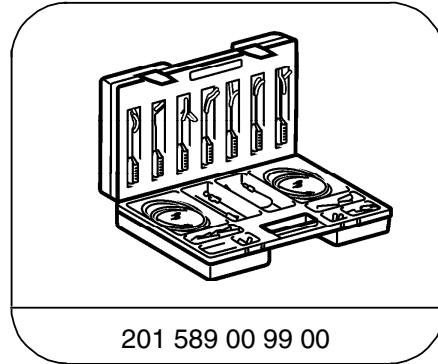
Test procedure	Permissible deviation
Allowable system leakage of 300 mbar vacuum in 1 minute.	30 mbar
Allowable leakage of actuators with line at 300 mbar vacuum in 1 minute.	25 mbar

Special Tools



201 589 13 21 00

Tester



201 589 00 99 00

Electrical connecting set

Pneumatic Test Program – Test (RHR)

A. Entire System

Preparation for Test:

1. Disconnect **yellow** central locking (CL) pneumatic line from PSE control module.
2. Connect tester to disconnected pneumatic line using connector 202 805 03 44.
3. Remove trunk lid lock, do not disconnect pneumatic line.
4. Apply battery voltage to electrical connector of remote trunk lid release switch (Y65/3).



If an actuator does not operate correctly and no leakage is found, check the respective lines for kinks or blockages.

Parts Required for Test:

1	Connector	202 805 03 44
2	Rubber hose, 50 mm long	007 997 61 82
1	Pneumatic line, 1 m long	000 158 14 35

Note:

The connections on the PSE control module and pneumatic multiple connector are marked with their German acronyms. In other words:
ZV (German) = **CL** (English),
SRU (German) = **MVA** (English),
OSL (German) = **OSB** (English).

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	Complete system pressurized	Yellow connector on tester to connector	Apply 600 mbar pressure to entire system.	Pressure loss 30 mbar in 1 minute.	⇒ 2.0, ⇒ 3.0

Pneumatic Test Program – Test (RTR)

B. Pneumatic lines with actuators and RTR control valve (Y65/3)

Preparation for Test:

1. Disconnect pneumatic line connected to connector **F** of pneumatic distributor.
2. Connect tester to disconnected pneumatic line using rubber hose, part no. 007 997 61 82.
3. Remove trunk lid lock, do not disconnect pneumatic line.
4. Apply battery voltage to RTR control valve (Y65/3).

Parts Required for Test:

1 Rubber hose, 50 mm long 007 997 61 82

Parts Required for Repair

Rubber hose (as necessary) 007 997 61 82



After testing, reconnect prior disconnected pneumatic line using rubber hose part no. 007 997 61 82 to pneumatic distributor.

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0	Actuators with pneumatic line and RTR control valve (Y65/3) pressurized	Yellow connector on tester.	Apply 600 mbar pressure to actuators with pneumatic line and RTR control valve (Y65/3).	Pressure loss 25 mbar in 1 minute.	⇒ 3.0, 32 PSE/CL ⇒ 7.0

Pneumatic Test Program – Test (RTR)

C. RTR control valve (Y65/3) with RTR pneumatic actuator

Preparation for Test:

1. Remove trunk lid lock.
2. Connect tester to pneumatic connector of RTR control valve (Y65/3).
3. Apply battery voltage to electrical connector of RTR control valve (Y65/30).

Parts Required for Test:

- | | | |
|---|-------------------------|---------------|
| 1 | Pneumatic line, 1m long | 000 158 14 35 |
| 2 | Connector, 50 mm long | 007 997 61 82 |

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0	RTR control valve (Y65/3) with RTR pneumatic actuator pressurized	Yellow connector on tester.	Apply 600 mbar pressure to actuator and pneumatic line.	Pressure loss 25 mbar in 1 minute.	RTR control valve with actuator leaks. Replace.