

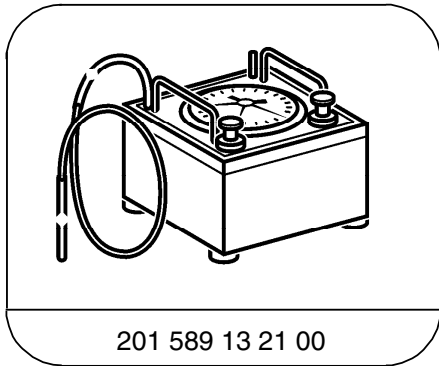
Pneumatic Test Program – Test (RTR)

Preliminary work:
 Diagnostic Trouble Code (DTC) Memory 12 PSE

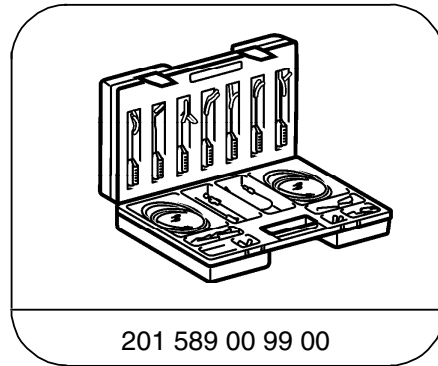
Data (mbar)

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



Tester



Electrical connecting set

Pneumatic Test Program – Test (RTR)

A. Pneumatic lines with filler flap actuator, RTR control valve (Y65/3) (CL), remote trunk lid release actuator

Preparation for Test:

As of model year 1995:

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 trim on right side of trunk.
4. Apply battery voltage to electrical connector of RTR control valve (Y65/3).



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

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

Parts Required for Test:

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

Parts Required for Repair

- | | |
|----------------------------|---------------|
| Rubber hose (as necessary) | 007 997 61 82 |
|----------------------------|---------------|

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	Pneumatic lines with filler flap actuator, RTR control valve (Y65/3) (CL), remote trunk lid release actuator pressurized	Yellow connector on tester to connector	Apply 600 mbar pressure to entire system.	Pressure loss 25 mbar in 1 minute.	⇒ 2.0, ⇒ 3.0, 32 PSE/CL ⇒ 5.0, 32 PSE/CL ⇒ 7.0

Pneumatic Test Program – Test (RTR)

B. RTR control valve (Y65/3) (CL)

Preparation for Test:

1. Remove trim on right side of trunk.
2. Disconnect pneumatic line from filler flap at RTR control valve (Y65/3).
3. Connect tester at disconnected pneumatic line at RTR control valve (Y65/3).
4. Disconnect electrical connector at RTR control valve (Y65/3).

Parts Required for Test:

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

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

Pneumatic Test Program – Test (RTR)

C. RTR pneumatic actuator

Preparation for Test:

1. Remove RTR pneumatic actuator.
2. Connect tester to RTR actuator using connector 202 805 03 44.

Parts Required for Test:

- | | | |
|---|-------------------------|---------------|
| 1 | Connector | 202 805 03 44 |
| 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 pneumatic actuator pressurized	Yellow connector on tester.	Apply 600 mbar pressure to RTR actuator.	Pressure loss 25 mbar in 1 minute.	RTR actuator leaks. Replace.