**20 02 01 Checking fuel pressure - as of MY 2003**

- [Tools and materials](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#g200201x_1)

- [Information](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#g200201x_2)

- [Checking fuel pressure](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#g200201x_3)

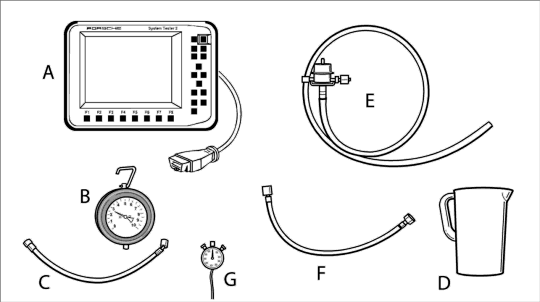
**Tools**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Designation** | **Type** | **Number** | **Explanation** |  |
| Connection line | commercially available tool | 9559 |  | 9559.gif |
| Porsche System Tester ll | commercially available tool | 9588 |  | 9588.gif |
| Measuring adapter | commercially available tool | 9705 |  | 9705.gif |
| Connecting lead | commercially available tool | 9705/1 |  | 9705-1.gif |
| pressure gauge | commercially available tool | p378 |  | p378.gif |
| Pressure gauge | commercially available tool | p378a |  | p378a.gif |

[top of page](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#DMS1210661)

**Tools and materials**

**Special tools**



*Special tools*

| **Item** | **Designation of tool** | **Explanation** |
| --- | --- | --- |
| **-A-** | [**Porsche System Tester ll 9588**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#9588) | The fuel pumps are required for short-term activation during the delivery rate test. |
| **-B-** | [**Pressure gauge p378a**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#p378a) | For fuel pressure test. |
| **-C-** | [**Connection line 9559**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#9559) | Hose line for pressure gauge. Do not interchange with **-G-** . There is a sheetmetal clip in the connecting piece for the fuel gallery which opens the scavenging valve during the test procedure. |
| **-D-** | Commercially available measuring cup with scale | Must hold at least 3 litres. |
| **-E-** | [**Measuring adapter 9705**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#9705) | Controls the test pressure when measuring. Must not be impinged with under/overpressure. |
| **-F-** | [**Connecting lead 9705/1**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#9705/1) | Hose line for delivery rate test. Must not be interchanged with **-C-** . There are no metal clips in the connecting piece for the fuel gallery. |
| **-G-** | Commercially available stopwatch | A wrist watch can also be used to be able to time exactly 1 minute. |

[top of page](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#DMS1210661)

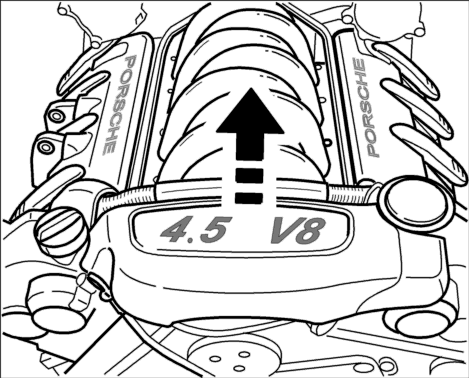
**Information**

**Test conditions**

* The battery voltage must not be < 12 volts.
* If an insufficient delivery rate is determined in the delivery rate test, the measurement on the second scavenging valve of the fuel gallery will be repeated.
* Fuel system parts must not get dirty.

[top of page](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#DMS1210661)

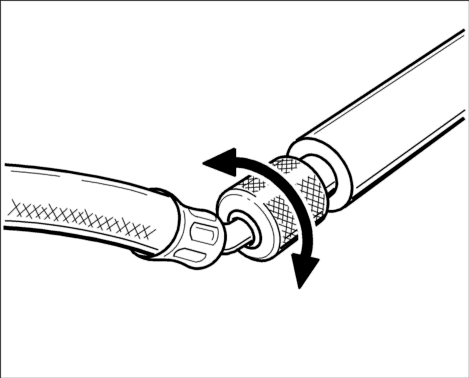
**Checking fuel pressure**



*Design cover*

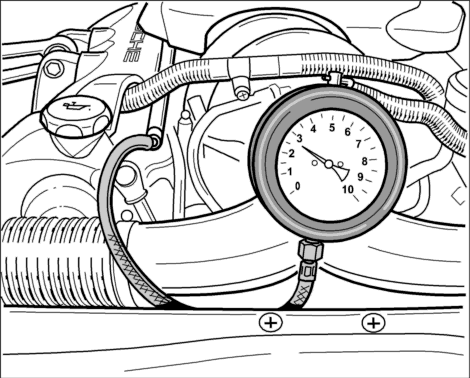
|  |  |
| --- | --- |
| 1. | Pull the cover of the throttle body up and off. |

|  |  |
| --- | --- |
| 2. | Unscrew cap on the front right of the fuel gallery. |



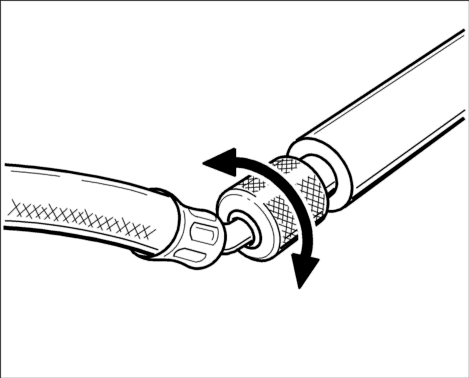
*Connection line*

|  |  |
| --- | --- |
| 3. | Connect [**connection line 9559**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#9559) to the [**pressure gauge p378**](file:///C:\POSES\data\rl\2\9PA\200201_0.htm#p378) . Screw the other end onto the fuel gallery. |



*Pressure gauge*

|  |  |
| --- | --- |
| 4. | Switch on the ignition and start the engine. Read off fuel pressure on pressure gauge. The value must be 4.0 ± 0.2 bar at idle speed. |



*Connection line*

|  |  |
| --- | --- |
| C:\POSES\data\css\achtung.gif | DANGER |

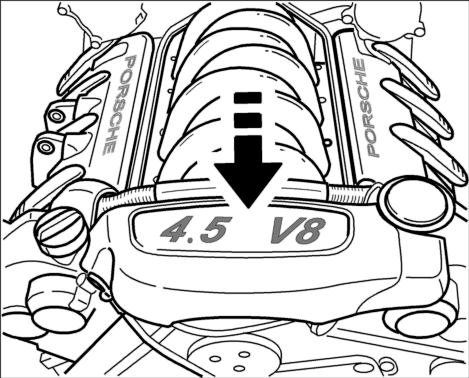
**Danger of fire due to incorrect or faulty scavenging valves!**

|  |  |
| --- | --- |
| → | Replace scavenging valves after removing. |
| → | Only use the special, Porsche-approved valves in the fuel gallery. |
| → | Do not replace scavenging valves by tyre valves. |
| → | It is essential that the plastic cap is also replaced. |

|  |  |
| --- | --- |
| C:\POSES\data\css\hinweis.gif | **Note** |

* *The steady-state pressure must be greater than 2.0 bar after 1 hour.*

|  |  |
| --- | --- |
| 5. | Unscrew connection line and close the fuel gallery with a new plastic cap. |



*Design cover*

|  |  |
| --- | --- |
| 6. | Press the 4 rubber elements in the cover onto the 4 ball head supports. The mounts must be felt to engage. |

9PAAE1, 9PAAE7, 9PAAF1, 9PAAJ1

as of MY 2003  
Country C00, C02, C05, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C45, C46, C98, C99