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| AD07.61-P-4000-21V | Tank pressure sensor ME-SFI - fault code description |  |  |
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|   |   | Tank pressure sensor (B4/3)  |
|---|---|--|
| 1 | Fault code<br>(  Readout on generic scan tool)                                       | 0970 Short-circuit to ground (P0452)<br>0969 Short-circuit to positive/cable open circuit (P0453)<br>1302 Short-circuit to ground (P0452)<br>1301 Short-circuit to positive (P0453)  |
| 2 | Fault storage<br><br>Actuation<br>CHECK ENGINE (MIL) malfunction indicator lamp (  ) | After expiry of test duration and fault<br><br>Following two successive driving cycles with faults   |
| 3 | Checking frequency  | Continuous   |
| 4 | Checked signal or status  | Tank pressure sensor signal  |
| 5 | <b>Fault setting conditionn</b><br><br>Checking duration  | 0970 - Fault if the voltage is less than 1.1 V (ca. -38 mbar).<br>0969 - Fault if the voltage is less than 4.7 V (ca. +35 mbar).<br>1302 - Fault if the voltage is less than 1 V (ca. -40 mbar) during the leak test on the purging system.<br>1301 - Fault if the voltage is less than 4.9 V (ca. +40 mbar) during the leak test on the purging system.<br><br>Less than 25 seconds         |
| 6 | <b>Check prerequisites</b>  | - Engine idling<br>- Vehicle stationary<br>- Locking time after engine starts elapsed, approx. 5 seconds<br>- Air pressure more than approx. 780 hPa (i.e. no test is performed above a height of approx. 2500 meters)<br>- Fuel level in fuel tank between approx. 1/4 and 3/4<br>- Coolant temperature at start less than +101°C<br>- Purge control valve was open for at least 3 seconds. |
| 7 |    | Characteristic of the tank pressure sensor (B4/3): -50 mbar ca. 0.5 volts; 0 mbar ca. 3.0 volts;<br>+30 mbar approx. 4.5 volts.  |