

P0444**98 EVAP canister purge valve - open circuit****Diagnosis conditions**

- Engine running
- Battery voltage greater than 7 V

Possible fault cause

- ◆ Wiring harness
- ◆ EVAP canister purge valve
- ◆ DME control module

Affected terminals

Terminal III/3

Diagnosis/troubleshooting

Work instruction			Display OK	If not OK
1	Check voltage supply for EVAP canister purge valve	<ul style="list-style-type: none"> ◆ Remove connector of EVAP canister purge valve ◆ Measure voltage between EVAP canister purge valve plug Pin 1 and ground ◆ Switch on the ignition 	> 11 V ⇒ Step 2	Repair voltage supply → End
2	Check EVAP canister purge valve	<ul style="list-style-type: none"> ◆ Remove connector of EVAP canister purge valve ◆ Measure resistance between EVAP canister purge valve Pin 1 and Pin 2 	$26 \pm 4 \Omega$ (at 20 °C) ⇒ Step 3	Check EVAP canister purge valve → End
3	Check triggering wire for EVAP canister purge valve	<ul style="list-style-type: none"> ◆ Remove connector of EVAP canister purge valve ◆ Connect special tool 9637 to wiring harness (DME control module plug) ◆ Measure resistance between EVAP canister purge valve Pin 2 and special tool 9637 Pin III/3 	0 - 5 Ω ⇒ Step 4	Repair wiring harness → End

Work instruction		Display OK	If not OK
4	Replace DME control module	⇒ Step 5	
5	Perform adaptation	<ul style="list-style-type: none">◆ Switch on the ignition◆ Wait one minute◆ Do not press the accelerator◆ Switch off the ignition for at least 10 seconds◆ Read out the fault memory	→ End