			Test results		
1	COMPONENT CONCERNED	CHECK FOR BREAK IN THE ELECTRICAL POWER SUPPLY CIRCUIT	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Flow modulating solenoid valve wiring	Turn the ignition key to the STOP position. Disconnect the cable loom connector from the flow restricting valve Turn the ignition key to the MAR position. Measure the voltage between pin 5 (wiring side) of the solenoid valve and earth, checking that it is more than 11 V	Go to Step 2	Voltage lower than 11 V	Go to Step 5
2	COMPONENT CONCERNED	CHECK INSULATION TO +VBATT OF SIGNAL ELECTRICAL CIRCUIT	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Flow modulating solenoid valve wiring	Turn the ignition key to the STOP position. Disconnect the wiring connector from connector B of the engine management control unit. Turn the ignition key to the MAR position. Measure the voltage between pin 2 (wiring side) of the solenoid valve and earth, checking that it is less than 0.3 V	Go to Step 3	Short circuit to +Vbatt between flow valve and engine management control unit	Restore correct electrical connections. Replace the wiring if necessary
3	COMPONENT CONCERNED	CHECK INSULATION TO EARTH OF SIGNAL ELECTRICAL CIRCUIT	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Flow modulating solenoid valve wiring	Turn the ignition key to the STOP position. Measure the resistance between pin 2 (wiring side) of the solenoid valve and earth, checking that it is more than 500 kohm	Go to Step 4	Short circuit to earth between flow valve and engine management control unit	Restore correct electrical connections. Replace the wiring if necessary
4	COMPONENT CONCERNED	CHECK CONTINUITY OF THE SIGNAL ELECTRICAL CIRCUIT	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Flow modulating solenoid valve wiring	Measure the resistance between pin 2 (wiring side) of the solenoid valve and pin 6 (wiring side) of connector B of the control unit, checking that it is less than 5 ohm	Go to Step 5	Open circuit between flow valve and engine management control unit	Restore correct electrical connections. Replace the wiring if necessary
5	COMPONENT CONCERNED	CHECK FOR BREAK IN THE ELECTRICAL POWER SUPPLY CIRCUIT	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
		Turn the ignition key to the STOP position. Disconnect the wiring connector from connector			

	Flow modulating solenoid valve wiring	A of the engine management control unit. Extract the relay T9 from the socket in the engine compartment junction unit. Connect a bridge with a fuse to Pins 87 and 30 of the socket for relay T9. Measure the voltage between Pin 72 connector A (wiring side) of the control unit and earth, checking that it is more than 11 V	Go to Step 6	Open circuit between engine compartment junction unit and engine management control unit	Restore correct electrical connections. Replace the wiring if necessary
6	COMPONENT CONCERNED	FLOW MODULATING SOLENOID VALVE CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Flow modifier solenoid valve	Check that the flow modulating solenoid valve is working properly	End of diagnosis	Flow modulating solenoid valve not working properly	Replace the flow modulating solenoid valve Op. 1072B50 AIR CHAMBER - R.R.