

			Test results		
1	COMPONENT CONCERNED	GEAR LEVER SENSOR CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Connections on gear lever sensor (short circuit to GND)	Check for loose connections on the gear lever sensor and the engine management control unit	Go to Step 2	Presence of loose connections	Restore the correct connections
2	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (short circuit to GND)	Check the continuity of the gear lever sensor wiring	Go to Step 3	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
3	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (short circuit to GND)	Check the correct insulation of the gear lever sensor wiring	Go to Step 4	Wiring insulation not correct	Restore the correct insulation of the wiring
4	COMPONENT CONCERNED	LINEAR PRESSURE SENSOR CONNECTOR CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Linear pressure sensor connector (short circuit to GND)	Check whether the air conditioning pressure connector is oxidised (gear lever sensor supply from linear pressure sensor)	Go to Step 5	Presence of oxidation on linear pressure sensor connector	Restore the correct operation of the linear pressure sensor connector
5	COMPONENT CONCERNED	GEAR LEVER SENSOR POSITION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor position (short circuit to GND)	Check whether the gear lever sensor is correctly positioned	Go to Step 6	Incorrect gear lever sensor position	Restore the correct position of the gear lever sensor
6	COMPONENT CONCERNED	GEAR LEVER SENSOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor (short circuit to GND)	Check that the gear lever sensor is working correctly	Go to Step 7	Incorrect gear lever sensor operation	Replace the gear lever sensor Op. 5520D04 GEAR LEVER IN NEUTRAL SENSOR - R.R.
7	COMPONENT CONCERNED	ENGINE MANAGEMENT CONTROL UNIT OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine management	Check that the engine management control		Engine management	Replace the engine management control unit

	control unit (short circuit to GND)	unit is working properly	Go to Step 8	control unit not working properly	Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R
8	COMPONENT CONCERNED	GEAR LEVER SENSOR CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Connections on gear lever sensor (short circuit to Vbatt or open circuit)	Check for loose connections on the gear lever sensor and the engine management control unit	Go to Step 9	Presence of loose connections	Restore the correct connections
9	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (short circuit to Vbatt or open circuit)	Check the continuity of the gear lever sensor wiring	Go to Step 10	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
10	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (short circuit to Vbatt or open circuit)	Check the correct insulation of the gear lever sensor wiring	Go to Step 11	Wiring insulation not correct	Restore the correct insulation of the wiring
11	COMPONENT CONCERNED	LINEAR PRESSURE SENSOR CONNECTOR CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Linear pressure sensor connector (short circuit to Vbatt or open circuit)	Check whether the air conditioning pressure connector is oxidised (gear lever sensor supply from linear pressure sensor)	Go to Step 12	Presence of oxidation on linear pressure sensor connector	Restore the correct operation of the linear pressure sensor connector
12	COMPONENT CONCERNED	GEAR LEVER SENSOR POSITION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor position (short circuit to Vbatt or open circuit)	Check whether the gear lever sensor is correctly positioned	Go to Step 13	Incorrect gear lever sensor position	Restore the correct position of the gear lever sensor
13	COMPONENT CONCERNED	GEAR LEVER SENSOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor (short circuit to Vbatt or open circuit)	Check that the gear lever sensor is working correctly	Go to Step 14	Incorrect gear lever sensor operation	Replace the gear lever sensor Op. 5520D04 GEAR LEVER IN NEUTRAL SENSOR - R.R.
14	COMPONENT CONCERNED	ENGINE MANAGEMENT CONTROL UNIT OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine management control unit (short circuit to Vbatt or open circuit)	Check that the engine management control unit is working properly	Go to Step 15	Engine management control unit not working properly	Replace the engine management control unit Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U.

					(ONE) - R + R
15	COMPONENT CONCERNED	GEAR LEVER SENSOR CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor connections (incorrect signal frequency)	Check for loose connections on the gear lever sensor and the engine management control unit	Go to Step 16	Presence of loose connections	Restore the correct connections
16	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (incorrect signal frequency)	Check the continuity of the gear lever sensor wiring	Go to Step 17	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
17	COMPONENT CONCERNED	GEAR LEVER SENSOR WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor wiring (incorrect signal frequency)	Check the correct insulation of the gear lever sensor wiring	Go to Step 18	Wiring insulation not correct	Restore the correct insulation of the wiring
18	COMPONENT CONCERNED	LINEAR PRESSURE SENSOR CONNECTOR CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Linear pressure sensor connector (incorrect signal frequency)	Check whether the air conditioning pressure connector is oxidised (gear lever sensor supply from linear pressure sensor)	Move on to Step 19	Presence of oxidation on linear pressure sensor connector	Restore the correct operation of the linear pressure sensor connector
19	COMPONENT CONCERNED	GEAR LEVER SENSOR POSITION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor position (incorrect signal frequency)	Check whether the gear lever sensor is correctly positioned	Move on to Step 20	Incorrect gear lever sensor position	Restore the correct position of the gear lever sensor
20	COMPONENT CONCERNED	GEAR LEVER SENSOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Gear lever sensor (incorrect signal frequency)	Check that the gear lever sensor is working correctly	Move on to Step 21	Incorrect gear lever sensor operation	Replace the gear lever sensor Op. 5520D04 GEAR LEVER IN NEUTRAL SENSOR - R.R.
21	COMPONENT CONCERNED	ENGINE MANAGEMENT CONTROL UNIT OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine management control unit (incorrect signal frequency)	Check that the engine management control unit is working properly	End of diagnosis	Engine management control unit not working properly	Replace the engine management control unit Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R