

			Test results		
1	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator locked)	Check the engine oil level	Go to Step 2	Engine oil level not correct	Restore the correct oil level
2	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator locked)	Check if the engine oil is contaminated by coolant	Go to Step 3	Presence of coolant inside engine oil	Change engine oil and check the cause for coolant contamination
3	COMPONENT CONCERNED	CHECK THE UNIAIR MODULE INLET OIL FILTER	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir module inlet oil filter (actuator locked)	Check the condition of the UniAir module inlet oil filter	Go to Step 4	UniAir module inlet oil filter clogged	Replace the UniAir module inlet oil filter Op. 1036B17 UNIAIR MODULE ENGINE OIL FILTER - R.R.
4	COMPONENT CONCERNED	BATTERY CHARGE STATUS CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Battery (actuator locked)	Check the battery charge using the Midtronics no. 2000037000 equipment	Go to Step 5	Incorrect battery charge	Recharge/replace the battery
5	COMPONENT CONCERNED	ALTERNATOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Alternator (actuator locked)	Check that the alternator is working properly See Test 5530AB ALTERNATOR OPERATION CHECK	Go to Step 6	Alternator not working correctly	Replace the alternator Op. 5530A10 ALTERNATOR - R.R.
6	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Connections on UniAir activation solenoid valve (actuator locked)	Check for the presence of loose connections on the UniAir activation solenoid valve	Go to Step 7	Presence of loose connections	Restore the correct connections
7	COMPONENT CONCERNED	UNIAIR SOLENOID VALVE WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir activation solenoid valve wiring (actuator locked)	Check the continuity of the UniAir solenoid valve wiring	Go to Step 8	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
8	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE RESISTANCE	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION

		CHECK			
	UniAir activation solenoid valve resistance (actuator locked)	Check that the UniAir activation solenoid valve resistance value is between 0.25 and 0.30 ohm	Go to Step 9	Incorrect solenoid valve resistance value	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.
9	COMPONENT CONCERNED	POWERTRAIN CONTROL MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Powertrain Control Module (actuator locked)	Check that the Powertrain Control Module is working correctly	Go to Step 10	Incorrect operation of Powertrain Control Module	Replace the Powertrain Control Module Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R
10	COMPONENT CONCERNED	UNIAIR MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir module (actuator locked)	Check that the UniAir module is operating correctly	Go to Step 11	Incorrect operation of the UniAir module	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.
11	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator too fast/too slow when closing)	Check the engine oil level	Go to Step 12	Engine oil level not correct	Restore the correct oil level
12	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator too fast/too slow when closing)	Check if the engine oil is contaminated by coolant	Go to Step 13	Presence of coolant inside engine oil	Change engine oil and check the cause for coolant contamination
13	COMPONENT CONCERNED	BATTERY CHARGE STATUS CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Battery (actuator too fast/too slow when closing)	Check the battery charge using the Midtronics no. 2000037000 equipment	Go to Step 14	Incorrect battery charge	Recharge/replace the battery
14	COMPONENT CONCERNED	ALTERNATOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Alternator (actuator too fast/too slow when closing)	Check that the alternator is working properly See Test 5530AB ALTERNATOR OPERATION CHECK	Go to Step 15	Alternator not working correctly	Replace the alternator Op. 5530A10 ALTERNATOR - R.R.
15	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Connections on UniAir activation solenoid valve (actuator too fast/too slow when closing)	Check for the presence of loose connections on the UniAir activation solenoid valve	Go to Step 16	Presence of loose connections	Restore the correct connections

16	COMPONENT CONCERNED	UNIAIR SOLENOID VALVE WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir activation solenoid valve wiring (actuator too fast/too slow when closing)	Check the continuity of the UniAir solenoid valve wiring	Go to Step 17	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
17	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE RESISTANCE CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir activation solenoid valve resistance (actuator too fast/too slow when closing)	Check that the UniAir activation solenoid valve resistance value is between 0.25 and 0.30 ohm	Go to Step 18	Incorrect solenoid valve resistance value	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.
18	COMPONENT CONCERNED	POWERTRAIN CONTROL MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Powertrain Control Module (actuator too fast/too slow when closing)	Check that the Powertrain Control Module is working correctly	Go to Step 19	Incorrect operation of Powertrain Control Module	Replace the Powertrain Control Module Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R
19	COMPONENT CONCERNED	UNIAIR MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir module (actuator too fast/too slow when closing)	Check that the UniAir module is operating correctly	Move on to Step 20	Incorrect operation of the UniAir module	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.
20	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator too fast/too slow when opening)	Check the engine oil level	Move on to Step 21	Engine oil level not correct	Restore the correct oil level
21	COMPONENT CONCERNED	ENGINE OIL CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Engine oil (actuator too fast/too slow when opening)	Check if the engine oil is contaminated by coolant	Go to Step 22	Presence of coolant inside engine oil	Change engine oil and check the cause for coolant contamination
22	COMPONENT CONCERNED	BATTERY CHARGE STATUS CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Battery (actuator too fast/too slow when opening)	Check the battery charge using the Midtronics no. 2000037000 equipment	Go to Step 23	Incorrect battery charge	Recharge/replace the battery
23	COMPONENT CONCERNED	ALTERNATOR OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Alternator (actuator too fast/too slow when opening)	Check that the alternator is working properly See Test 5530AB ALTERNATOR OPERATION CHECK	Go on to Step 24	Alternator not working correctly	Replace the alternator Op. 5530A10 ALTERNATOR - R.R.

24	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE CONNECTION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Connections on UniAir activation solenoid valve (actuator too fast/too slow when opening)	Check for the presence of loose connections on the UniAir activation solenoid valve	Go to Step 25	Presence of loose connections	Restore the correct connections
25	COMPONENT CONCERNED	UNIAIR SOLENOID VALVE WIRING CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir activation solenoid valve wiring (actuator too fast/too slow when opening)	Check the continuity of the UniAir solenoid valve wiring	Go to Step 26	Faults in the continuity of the wiring	Restore the correct continuity for the wiring
26	COMPONENT CONCERNED	UNIAIR ACTIVATION SOLENOID VALVE RESISTANCE CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir activation solenoid valve resistance (actuator too fast/too slow when opening)	Check that the UniAir activation solenoid valve resistance value is between 0.25 and 0.30 ohm	Go to Step 27	Incorrect solenoid valve resistance value	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.
27	COMPONENT CONCERNED	POWERTRAIN CONTROL MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	Powertrain Control Module (actuator too fast/too slow when opening)	Check that the Powertrain Control Module is working correctly	Go to Step 28	Incorrect operation of Powertrain Control Module	Replace the Powertrain Control Module Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R
28	COMPONENT CONCERNED	UNIAIR MODULE OPERATION CHECK	OK (NO FAULTS DETECTED)	FAULT DETECTED	OPERATION
	UniAir module (actuator too fast/too slow when opening)	Check that the UniAir module is operating correctly	End of diagnosis	Incorrect operation of the UniAir module	Replace the UniAir module Op. 1036B15 UNIAIR MODULE - R.R.