DTC P0102				
Step	Action	Values	Yes	No
Schem	atic Reference: Engine Controls Schematics		Notice (CNC)	
1	Did you perform the Diagnostic System Check-Computers and Control Systems?	-	Go to Step 2	Go to Diagnostic System Check - Computers and Control Systems
2	<ol> <li>Start the engine.</li> <li>Observe the mass air flow (MAF) sensor frequency with a scan tool.</li> <li>Is the MAF sensor frequency less than the specified value?</li> </ol>	1200 Hz	Go to Step 4	Go to Step 3
з	<ol> <li>Observe the Freeze Frame/Failure Records data for this DTC.</li> <li>Tum OFF the Ignition for 30 seconds.</li> <li>Start the engine.</li> <li>Operate the vehicle within the Conditions for Running the DTC as specified in the supporting text or as close to the Freeze Frame/Failure Records data that you observed.</li> </ol>			Go to
	Does the DTC fail this ignition?		Go to Step 4	Diagnostic Aids
4	<ol> <li>Observe the MAF sensor frequency with a scan tool.</li> <li>Move the harness and the connector of the MAF sensor.</li> <li>Does the movement of the harness or the connector affect</li> </ol>			
	the MAF sensor frequency?		Go to Step 25	Go to Step 5
5	<ol> <li>Turn OFF the ignition.</li> <li>Inspect for the following conditions:         <ul> <li>A restricted air intake duct</li> <li>A collapsed air intake duct</li> <li>A dirty air filter element</li> <li>A deteriorating air filter element</li> <li>Any objects blocking the air inlet screen of the MAF sensor</li> <li>Any debris on the sensing elements of the MAF sensor</li> <li>Any vacuum leak downstream of the MAF sensor</li> <li>A MAF sensor that is installed backwards</li> <li>A restricted exhaust system</li> </ul> </li> <li>Did you find and correct the condition?</li> </ol>	-	Go to Step 30	Go ta Step 6
6	Inspect the fuse in the ignition 1 voltage circuit of the MAF		1997 - 1997 -	
	sensor. Is the fuse open?	عمينيه	Do to Clon 10	Go to Rion 7
7	<ol> <li>Disconnect the hamess connector of the MAF sensor.</li> </ol>		Gig to Step 12	
	<ol> <li>Turn ON the ignition, with the engine OFF.</li> <li>Connect a test tamp between the ignition 1 voltage circuit of the MAF sensor and a good ground. Refer to Diagnostic Aids for Circuit Testing and Wiring Repair procedures.</li> </ol>	-		
	Does the test lamp illuminate?		Go to Step 8	Go to Step 18
8	Measure the resistance from the ground circuit of the MAF sensor to battery ground. Is the resistance less than the specified value?	50	Go to Step 9	Go to Step 19
9	Measure the voltage from the signal circuit of the MAF sensor to a good ground.	5 V		
	is the vollage near the specified value?		Go to Step 10	Go to Slep 11

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Steps 1-9