

## FUEL SYSTEM (Programmed Fuel Injection)

DTC	Function Failure	Causes	Symptoms	Refer to
11-1	Vehicle speed sensor no signal (circuit malfunction)	<ul style="list-style-type: none"> <li>• Loose or poor contact on vehicle speed sensor connector</li> <li>• Open or short circuit in vehicle speed sensor connector</li> <li>• Faulty vehicle speed sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Engine operates normally</li> </ul>	6-46
12-1	No.1 Primary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.1 Primary injector connector</li> <li>• Open or short circuit in No.1 Primary injector wire</li> <li>• Faulty No.1 Primary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-47
13-1	No.2 Primary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.2 Primary injector connector</li> <li>• Open or short circuit in No.2 Primary injector wire</li> <li>• Faulty No.2 Primary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-49
14-1	No.3 Primary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.3 Primary injector connector</li> <li>• Open or short circuit in No.3 Primary injector wire</li> <li>• Faulty No.3 Primary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-49
15-1	No.4 Primary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.4 Primary injector connector</li> <li>• Open or short circuit in No.4 Primary injector wire</li> <li>• Faulty No.4 Primary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-49
16-1	No.1 Secondary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.1 Secondary injector connector</li> <li>• Open or short circuit in No.1 Secondary injector wire</li> <li>• Faulty No.1 Secondary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-49
17-1	No.2 Secondary injector circuit malfunction	<ul style="list-style-type: none"> <li>• Loose or poor contact on No.2 Secondary injector connector</li> <li>• Open or short circuit in No.2 Secondary injector wire</li> <li>• Faulty No.2 Secondary injector</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-49
18-1	Cam pulse generator no signal	<ul style="list-style-type: none"> <li>• Loose or poor contact on cam pulse generator</li> <li>• Open or short circuit in cam pulse generator</li> <li>• Faulty cam pulse generator</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-50
19-1	Ignition pulse generator no signal	<ul style="list-style-type: none"> <li>• Loose or poor contact on ignition pulse generator</li> <li>• Open or short circuit in ignition pulse generator</li> <li>• Faulty ignition pulse generator</li> </ul>	<ul style="list-style-type: none"> <li>• Engine does not start</li> </ul>	6-51
21-1	No.1 O <sub>2</sub> sensor circuit malfunction (California type only)	<ul style="list-style-type: none"> <li>• Loose or poor contact on O<sub>2</sub> sensor connector</li> <li>• Short circuit in O<sub>2</sub> sensor</li> <li>• Faulty O<sub>2</sub> sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Engine operates normally</li> </ul>	6-52
22-1	No.2 O <sub>2</sub> sensor circuit malfunction (California type only)	<ul style="list-style-type: none"> <li>• Loose or poor contact on O<sub>2</sub> sensor connector</li> <li>• Short circuit in O<sub>2</sub> sensor</li> <li>• Faulty O<sub>2</sub> sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Engine operates normally</li> </ul>	6-53
23-1	No.1 O <sub>2</sub> sensor heater malfunction (California type only)	<ul style="list-style-type: none"> <li>• Loose or poor contact on O<sub>2</sub> sensor connector</li> <li>• Open or short circuit in O<sub>2</sub> sensor heater</li> <li>• Faulty O<sub>2</sub> sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Engine operates normally</li> </ul>	6-54
24-1	No.2 O <sub>2</sub> sensor heater malfunction (California type only)	<ul style="list-style-type: none"> <li>• Loose or poor contact on O<sub>2</sub> sensor connector</li> <li>• Open or short circuit in O<sub>2</sub> sensor heater</li> <li>• Faulty O<sub>2</sub> sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Engine operates normally</li> </ul>	6-55