






















## DIAGNOSTIC TROUBLE CODE CHART

### 1AZ-FE:

If a DTC is displayed during the DTC check, check the parts listed in the table below and proceed to the page given.

#### HINT:

- \*1  MIL (Malfunction Indicator Lamp) light up
- \*2  mark means ECM memorizes the malfunction code if the ECM detects the DTC detection condition.
- \*3 Two-digit code is used on any model other than Europe spec.
- \*4 Europe
- \*5 Except Europe
- This DTC may be output when the clutch, brake and gear components etc. inside the automatic trans-axle are damaged.



DTC No. *3 (See Page)	Detection Item	Trouble Area	MIL *1	Memory *2
P0500/42 (05-146)	Vehicle Speed Sensor "A"	<ul style="list-style-type: none"> <li>Combination meter</li> <li>Open or short in vehicle speed sensor circuit</li> <li>Vehicle speed sensor</li> <li>ECM</li> </ul>		
P0705 *4 (05-786)	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	<ul style="list-style-type: none"> <li>Open or short in park/neutral position switch circuit</li> <li>Park/neutral position switch</li> <li>ECM</li> </ul>		
P0710/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit	<ul style="list-style-type: none"> <li>Open or short in ATF temperature sensor circuit</li> <li>Transmission wire (ATF temperature sensor)</li> <li>ECM</li> </ul>		
P0711 (05-795)	Transmission Fluid Temperature Sensor "A" Performance	<ul style="list-style-type: none"> <li>Open or short in ATF temperature sensor circuit</li> <li>Transmission wire (ATF temperature sensor)</li> <li>ECM</li> </ul>		
P0712/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	<ul style="list-style-type: none"> <li>Short in ATF temperature sensor circuit</li> <li>Transmission wire (ATF temperature sensor)</li> <li>ECM</li> </ul>		
P0713/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit High Input	<ul style="list-style-type: none"> <li>Open in ATF temperature sensor circuit</li> <li>Transmission wire (ATF temperature sensor)</li> <li>ECM</li> </ul>		
P0717/37 (05-798)	Turbine Speed Sensor Circuit No Signal	<ul style="list-style-type: none"> <li>Open or short in transmission revolution sensor NT (speed sensor NT) circuit</li> <li>Transmission revolution sensor NT (speed sensor NT)</li> <li>ECM</li> <li>Automatic transaxle assembly</li> </ul>		
P0724 *4 (05-801)	Brake Switch "B" Circuit High	<ul style="list-style-type: none"> <li>Short in stop light switch circuit</li> <li>Stop light switch</li> <li>ECM</li> </ul>		
P0741 (05-803)	Torque Converter Clutch Solenoid Performance (Shift Solenoid Valve DSL)	<ul style="list-style-type: none"> <li>Shift solenoid valve DSL remains open or closed</li> <li>Valve body is blocked</li> <li>Shift solenoid valve DSL</li> <li>Torque converter clutch</li> <li>Automatic transaxle (clutch, brake or gear etc.)</li> <li>Line pressure is too low</li> <li>ECM</li> </ul>	 /-*5	 /-*5
P0746 (05-807)	Pressure Control Solenoid "A" Performance (Shift Solenoid Valve SL1)	<ul style="list-style-type: none"> <li>Shift solenoid valve SL1 remains open or closed</li> <li>Valve body is blocked</li> <li>Shift solenoid valve SL1</li> <li>Automatic transaxle (clutch, brake or gear etc.)</li> <li>ECM</li> </ul>	 /-*5	 /-*5

P0748/62 (05-810)	Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SL1 circuit</li> <li>• Shift solenoid valve SL1</li> <li>• ECM</li> </ul>	●	○
P0766 (05-813)	Shift Solenoid "D" Performance (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Shift solenoid valve S4 remains open or closed</li> <li>• Valve body is blocked</li> <li>• Shift solenoid valve S4</li> <li>• Automatic transaxle (clutch, brake or gear etc.)</li> <li>• ECM</li> </ul>	●	○
P0776/63 (05-816)	Pressure Control Solenoid "B" Performance (Shift Solenoid Valve SL2)	<ul style="list-style-type: none"> <li>• Shift solenoid valve SL2 remains open or closed</li> <li>• Valve body is blocked</li> <li>• Shift solenoid valve SL2</li> <li>• Automatic transaxle (clutch, brake or gear etc.)</li> <li>• ECM</li> </ul>	●	○
P0778/63 (05-819)	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SL2 circuit</li> <li>• Shift solenoid valve SL2</li> <li>• ECM</li> </ul>	●	○
P0793/67 (05-822)	Intermediate Shaft Speed Sen- sor "A"	<ul style="list-style-type: none"> <li>• Open or short in transmission revolution sensor NC (speed sensor NC) circuit</li> <li>• Transmission revolution sensor NC (speed sensor NC)</li> <li>• ECM</li> </ul>	●	○
P0982/65 (05-825)	Shift Solenoid "D" Control Circuit Low (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Short in shift solenoid valve S4 circuit</li> <li>• Shift solenoid valve S4</li> <li>• ECM</li> </ul>	●	○
P0983/65 (05-825)	Shift Solenoid "D" Control Circuit High (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Open in shift solenoid valve S4 circuit</li> <li>• Shift solenoid valve S4</li> <li>• ECM</li> </ul>	●	○
P2716/77 (05-828)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SLT circuit</li> <li>• Shift solenoid valve SLT</li> <li>• ECM</li> </ul>	●/-*5	○
P2769/64 (05-831)	Torque Converter Clutch Sole- noid Circuit Low (Shift Solenoid Valve DSL)	<ul style="list-style-type: none"> <li>• Short in shift solenoid valve DSL circuit</li> <li>• Shift solenoid valve DSL</li> <li>• ECM</li> </ul>	●/-*5	○
P2770/64 (05-831)	Torque Converter Clutch Sole- noid Circuit High (Shift Solenoid Valve DSL)	<ul style="list-style-type: none"> <li>• Open in shift solenoid valve DSL circuit</li> <li>• Shift solenoid valve DSL</li> <li>• ECM</li> </ul>	●/-*5	○

## 2AZ-FE:

If a DTC is displayed during the DTC check, check the parts listed in the table below and proceed to the page given.

### HINT:

- \*1  MIL (Malfunction Indicator Lamp) light up
- \*2  Mark means ECM memorizes the malfunction code if the ECM detects the DTC detection condition.
- This DTC may be output when the clutch, brake and gear components etc. inside the automatic trans-axle are damaged.

DTC No. (See Page)	Detection Item	Trouble Area	MIL *1	Memory *2
P0500/42 (05-359)	Vehicle Speed Sensor "A"	<ul style="list-style-type: none"> <li>• Combination meter</li> <li>• Open or short in vehicle speed sensor circuit</li> <li>• Vehicle speed sensor</li> <li>• ECM</li> </ul>		
P0710/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit	<ul style="list-style-type: none"> <li>• Open or short in ATF temperature sensor circuit</li> <li>• Transmission wire (ATF temperature sensor)</li> <li>• ECM</li> </ul>		
P0712/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	<ul style="list-style-type: none"> <li>• Short in ATF temperature sensor circuit</li> <li>• Transmission wire (ATF temperature sensor)</li> <li>• ECM</li> </ul>		
P0713/38 (05-792)	Transmission Fluid Temperature Sensor "A" Circuit High Input	<ul style="list-style-type: none"> <li>• Open in ATF temperature sensor circuit</li> <li>• Transmission wire (ATF temperature sensor)</li> <li>• ECM</li> </ul>		
P0717/37 (05-798)	Turbine Speed Sensor Circuit No Signal	<ul style="list-style-type: none"> <li>• Open or short in transmission revolution sensor NT (speed sensor NT) circuit</li> <li>• Transmission revolution sensor NT (speed sensor NT)</li> <li>• ECM</li> <li>• Automatic transaxle assembly</li> </ul>		
P0748/62 (05-810)	Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SL1 circuit</li> <li>• Shift solenoid valve SL1</li> <li>• ECM</li> </ul>		
P0778/63 (05-819)	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SL2 circuit</li> <li>• Shift solenoid valve SL2</li> <li>• ECM</li> </ul>		
P0793/67 (05-822)	Intermediate Shaft Speed Sensor "A"	<ul style="list-style-type: none"> <li>• Open or short in transmission revolution sensor NC (speed sensor NC) circuit</li> <li>• Transmission revolution sensor NC (speed sensor NC)</li> <li>• ECM</li> </ul>		
P0982/65 (05-825)	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Short in shift solenoid valve S4 circuit</li> <li>• Shift solenoid valve S4</li> <li>• ECM</li> </ul>		
P0983/65 (05-825)	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Open in shift solenoid valve S4 circuit</li> <li>• Shift solenoid valve S4</li> <li>• ECM</li> </ul>		
P2716/77 (05-828)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SLT circuit</li> <li>• Shift solenoid valve SLT</li> <li>• ECM</li> </ul>		
P2769/64 (05-831)	Torque Converter Clutch Solenoid Circuit Low (Shift Solenoid Valve DSL)	<ul style="list-style-type: none"> <li>• Short in shift solenoid valve DSL circuit</li> <li>• Shift solenoid valve DSL</li> <li>• ECM</li> </ul>		
P2770/64 (05-831)	Torque Converter Clutch Solenoid Circuit High (Shift Solenoid Valve DSL)	<ul style="list-style-type: none"> <li>• Open in shift solenoid valve DSL circuit</li> <li>• Shift solenoid valve DSL</li> <li>• ECM</li> </ul>		