056IK–25

DIAGNOSTIC TROUBLE CODE CHART

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: ● ... The MIL (Malfunction Indicator Lamp) lights up
- *2: ○ ... The ECM memorizes the trouble 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 transmission are damaged.

Leaded gasoline type vehicles:

DTC No. (See Page)	Detection Item	Trouble Area	MIL *1	Memory *2
P0500/42 (05–122)	Vehicle Speed Sensor "A"	• Open or short in speed sensor (SP2) circuit • Speed sensor (SP2) • ECM	●	○
P0710/38 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit	• Open or short in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0712/38 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	• Short in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0713/38 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit High Input	• Open in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0717/67 (05–966)	Input Speed Sensor Circuit No Signal	• Open or short in speed sensor (NCO) circuit • Speed sensor (NCO) • ECM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0722/61 (05–970)	Output Speed Sensor Circuit No Signal	• Open or short in speed sensor (SP2) circuit • Speed sensor (SP2) • ECM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0973/62 (05–978)	Shift Solenoid "A" Control Circuit Low (Shift Solenoid Valve S1)	• Short in shift solenoid valve S1 circuit • Shift solenoid valve S1 • ECM	●	○
P0974/62 (05–978)	Shift Solenoid "A" Control Circuit High (Shift Solenoid Valve S1)	• Open in shift solenoid valve S1 circuit • Shift solenoid valve S1 • ECM	●	○
P0976/63 (05–981)	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S2)	• Short in shift solenoid valve S2 circuit • Shift solenoid valve S2 • ECM	●	○
P0977/63 (05–981)	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S2)	• Open in shift solenoid valve S2 circuit • Shift solenoid valve S2 • ECM	●	○
P2716/77 (05–984)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	• Open or short in shift solenoid valve SLT circuit • Shift solenoid valve SLT • ECM	–	○
P2769/64 (05–988)	Torque Converter Clutch Solenoid Circuit Low (Shift Solenoid Valve SL)	• Short in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM	–	○
P2770/64 (05–988)	Torque Converter Clutch Solenoid Circuit High (Shift Solenoid Valve SL)	• Open in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM	–	○

Vehicles other than leaded gasoline type:

DTC No. (See Page)	Detection Item	Trouble Area	MIL *1	Memory *2
P0500 (05–122)	Vehicle Speed Sensor "A"	• Open or short in speed sensor (SP2) circuit • Speed sensor (SP2) • ECM	●	○
P0705 (05–957)	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	• Open or short in park/neutral position switch circuit • Park/neutral position switch • ECM	●	○
P0710 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit	• Open or short in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0712 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	• Short in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0713 (05–962)	Transmission Fluid Temperature Sensor "A" Circuit High Input	• Open in ATF temperature sensor circuit • ATF temperature sensor • ECM	●	○
P0717 (05–966)	Input Speed Sensor Circuit No Signal	• Open or short in speed sensor (NCO) circuit • Speed sensor (NCO) • ECM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0722 (05–970)	Output Speed Sensor Circuit No Signal	• Open or short in speed sensor (SP2) circuit • Speed sensor (SP2) • ECM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0818 (05–974)	Driveline Disconnect Switch Input Circuit	• Short in transfer neutral position switch circuit • Transfer neutral position switch • ECM	●	○
P0973 (05–978)	Shift Solenoid "A" Control Circuit Low (Shift Solenoid Valve S1)	• Short in shift solenoid valve S1 circuit • Shift solenoid valve S1 • ECM	●	○
P0974 (05–978)	Shift Solenoid "A" Control Circuit High (Shift Solenoid Valve S1)	• Open in shift solenoid valve S1 circuit • Shift solenoid valve S1 • ECM	●	○
P0976 (05–981)	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S2)	• Short in shift solenoid valve S2 circuit • Shift solenoid valve S2 • ECM	●	○
P0977 (05–981)	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S2)	• Open in shift solenoid valve S2 circuit • Shift solenoid valve S2 • ECM	●	○
P2716 (05–984)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	• Open or short in shift solenoid valve SLT circuit • Shift solenoid valve SLT • ECM	●	○
P2769 (05–988)	Torque Converter Clutch Solenoid Circuit Low (Shift Solenoid Valve SL)	• Short in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM	●	○
P2770 (05–988)	Torque Converter Clutch Solenoid Circuit High (Shift Solenoid Valve SL)	• Open in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM	●	○