056IK–24

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 TCM memorizes the trouble code if the TCM detects the DTC detection condition.
- This DTC may be output when the clutch, brake and gear components etc. inside the automatic transmission are damaged.

DTC No. (See Page)	Detection Item	Trouble Area	MIL *1	Memory *2
P0500/42 (05–1197)	Vehicle Speed Sensor "A"	• Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Automatic transmission assy • TCM	●	○
P0710/38 (05–1201)	Transmission Fluid Temperature Sensor "A" Circuit	• Open or short in ATF temperature sensor No.1 circuit • Transmission wire (ATF temperature sensor No.1) • TCM	●	○
P0712/38 (05–1201)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	• Short in ATF temperature sensor No.1 circuit • Transmission wire (ATF temperature sensor No.1) • TCM	●	○
P0713/38 (05–1201)	Transmission Fluid Temperature Sensor "A" Circuit High Input	• Open in ATF temperature sensor No.1 circuit • Transmission wire (ATF temperature sensor No.1) • TCM	●	○
P0717/37 (05–1205)	Input Speed Sensor Circuit No Signal	• Open or short in speed sensor (NT) circuit • Speed sensor (NT) • TCM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0722/61 (05–1209)	Output Speed Sensor Circuit No Signal	• Open or short in speed sensor (SP2) circuit • Speed sensor (SP2) • TCM • Automatic transmission (clutch, brake or gear, etc.)	●	○
P0748/62 (05–1213)	Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1)	• Open or short in shift solenoid valve SL1 circuit • Shift solenoid valve SL1 • TCM	●	○
P0751/62 (05–1216)	Shift Solenoid "A" Performance (Shift Solenoid Valve S1)	• Shift solenoid valve S1 remains open or closed • Valve body is blocked • Automatic transmission (clutch, brake or gear, etc.)	–	○
P0756/63 (05–1219)	Shift Solenoid "B" Performance (Shift Solenoid Valve S2)	• Shift solenoid valve S2 remains open or closed • Valve body is blocked • Automatic transmission (clutch, brake or gear, etc.)	–	○
P0771/74 (05–1222)	Shift Solenoid "E" Performance (Shift Solenoid Valve SR)	• Shift solenoid valve SR remains open or closed • Shift solenoid valve SL1 remains open or closed • Valve body is blocked • Automatic transmission (clutch, brake or gear, etc.)	–	○
P0776/63 (05–1226)	Pressure Control Solenoid "B" Performance (Shift Solenoid Valve SL2)	• Shift solenoid valve SL2 remains open or closed • Valve body is blocked • Automatic transmission (clutch, brake or gear, etc.)	–	○
P0778/63 (05–1230)	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)	• Open or short in shift solenoid valve SL2 circuit • Shift solenoid valve SL2 • TCM	●	○
P0781/69 (05–1233)	1–2 Shift (1–2 Shift Valve)	• Valve body is blocked up or stuck (1–2 shift valve) • Automatic transmission (clutch, brake or gear, etc.)	–	○

P0973/62 (05–1236)	Shift Solenoid "A" Control Circuit Low (Shift Solenoid Valve S1)	• Short in shift solenoid valve S1 circuit • Shift solenoid valve S1 • TCM	●	○
P0974/62 (05–1236)	Shift Solenoid "A" Control Circuit High (Shift Solenoid Valve S1)	• Open in shift solenoid valve S1 circuit • Shift solenoid valve S1 • TCM	●	○
P0976/63 (05–1239)	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S2)	• Short in shift solenoid valve S2 circuit • Shift solenoid valve S2 • TCM	●	○
P0977/63 (05–1239)	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S2)	• Open in shift solenoid valve S2 circuit • Shift solenoid valve S2 • TCM	●	○
P0985/74 (05–1242)	Shift Solenoid "E" Control Circuit Low (Shift Solenoid Valve SR)	• Short in shift solenoid valve SR circuit • Shift solenoid valve SR • TCM	●	○
P0986/74 (05–1242)	Shift Solenoid "E" Control Circuit High (Shift Solenoid Valve SR)	• Open in shift solenoid valve SR circuit • Shift solenoid valve SR • TCM	●	○
P2714/77 (05–1245)	Pressure Control Solenoid "D" Performance (Shift Solenoid Valve SLT)	• Shift solenoid valve SLT remains open or closed • Valve body is blocked • Automatic transmission (clutch, brake or gear, etc.)	–	○
P2716/77 (05–1249)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	• Open or short in shift solenoid valve SLT circuit • Shift solenoid valve SLT • TCM	–	○
P2740/38 (05–1252)	Transmission Fluid Temperature Sensor "B" Circuit	• Open or short in ATF temperature sensor No.2 circuit • Transmission wire (ATF temperature sensor No.2) • TCM	●	○
P2742/38 (05–1252)	Transmission Fluid Temperature Sensor "B" Circuit Low Input	• Short in ATF temperature sensor No.2 circuit • Transmission wire (ATF temperature sensor No.2) • TCM	●	○
P2743/38 (05–1252)	Transmission Fluid Temperature Sensor "B" Circuit High Input	• Open in ATF temperature sensor No.2 circuit • Transmission wire (ATF temperature sensor No.2) • TCM	●	○
P2759/68 (05–1256)	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical (Shift Solenoid Valve SLU)	• Open or short in shift solenoid valve SLU circuit • Shift solenoid valve SLU • TCM	–	○
U0001/A2*3 (05–629)	High Speed CAN Communication Bus	• Open or short in TCM circuit • TCM • ECM	●	○

HINT:

*3: "A" in the above table indicates that the MIL flashes 10 times.