

## 12. List of Diagnostic Trouble Code

### A: LIST

S004511

S004511A12

Trouble code	Item	Content of diagnosis	Title index No.
11	Engine speed signal	Detects open or shorted input signal circuit.	<Ref. to AT-29 TROUBLE CODE 11 — ENGINE SPEED SIGNAL —, Diagnostic Procedure with Trouble Code. >
27	ATF temperature sensor	Detects open or shorted input signal circuit.	<Ref. to AT-31 TROUBLE CODE 27 — ATF TEMPERATURE SENSOR —, Diagnostic Procedure with Trouble Code. >
31	Throttle position sensor	Detects open or shorted input signal circuit.	<Ref. to AT-35 TROUBLE CODE 31 — THROTTLE POSITION SENSOR —, Diagnostic Procedure with Trouble Code. >
33	Vehicle speed sensor 2 (Front)	Detects open or shorted input signal circuit.	<Ref. to AT-39 TROUBLE CODE 33 — VEHICLE SPEED SENSOR 2 (FRONT) —, Diagnostic Procedure with Trouble Code. >
36	Torque converter turbine speed sensor	Detects open or shorted input signal circuit.	<Ref. to AT-44 TROUBLE CODE 36 — TORQUE CONVERTER TURBINE SPEED SENSOR —, Diagnostic Procedure with Trouble Code. >
38	Torque control signal	Detects open or shorted input signal circuit.	<Ref. to AT-47 TROUBLE CODE 38 — TORQUE CONTROL SIGNAL —, Diagnostic Procedure with Trouble Code. >
45	Intake manifold pressure signal	Detects open or shorted input signal circuit.	<Ref. to AT-49 TROUBLE CODE 45 — INTAKE MANIFOLD PRESSURE SIGNAL —, Diagnostic Procedure with Trouble Code. >
71	Shift solenoid 1	Detects open or shorted output signal circuit.	<Ref. to AT-51 TROUBLE CODE 71 — SHIFT SOLENOID 1 —, Diagnostic Procedure with Trouble Code. >
72	Shift solenoid 2	Detects open or shorted output signal circuit.	<Ref. to AT-54 TROUBLE CODE 72 — SHIFT SOLENOID 2 —, Diagnostic Procedure with Trouble Code. >
73	Low clutch timing solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-56 TROUBLE CODE 73 — LOW CLUTCH TIMING SOLENOID —, Diagnostic Procedure with Trouble Code. >
74	2-4 brake timing solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-59 TROUBLE CODE 74 — 2-4 BRAKE TIMING SOLENOID —, Diagnostic Procedure with Trouble Code. >

## LIST OF DIAGNOSTIC TROUBLE CODE

Automatic Transmission

Trouble code	Item	Content of diagnosis	Title index No.
75	Line pressure duty solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-62 TROUBLE CODE 75 — LINE PRESSURE DUTY SOLENOID —, Diagnostic Procedure with Trouble Code.>
76	2-4 brake duty solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-66 TROUBLE CODE 76 — 2-4 BRAKE DUTY SOLENOID —, Diagnostic Procedure with Trouble Code.>
77	Lock-up duty solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-70 TROUBLE CODE 77 — LOCK-UP DUTY SOLENOID —, Diagnostic Procedure with Trouble Code.>
79	Transfer duty solenoid	Detects open or shorted output signal circuit.	<Ref. to AT-74 TROUBLE CODE 79 — TRANSFER DUTY SOLENOID —, Diagnostic Procedure with Trouble Code.>
93	Vehicle speed sensor 1 (Rear)	Detects open or shorted input signal circuit.	<Ref. to AT-77 TROUBLE CODE 93 — VEHICLE SPEED SENSOR 1 (REAR) —, Diagnostic Procedure with Trouble Code.>