DTC	34(2)	TURBOCHARGER SYSTEM MALFUNCTION

DTC	34(3)	TURBOCHARGER STICK DETECTED (CLOSE)

DTC	34(4)	TURBOCHARGER STICK DETECTED (OPEN)

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
34 (2)	When the condition that the turbocharger pressure exceeds the standard value for 0.5 sec. or more is detected.	• Turbocharger • EGR valve • Mass air flow meter • ECM
34 (3) (4)	When the condition that for 60 sec. or more the turbocharger pressure is 20 kPa (0.2 kgf/cm^2, 1.4 psi) or more above the value that is set based on the engine revolution and the amount of fuel injection is detected.	

INSPECTION PROCEDURE

HINT:

If DTC 35 is output simultaneously, first troubleshoot DTC 35.

1	CHECK TURBOCHARGER SUB–ASSY (See page 13–16)

NG → REPLACE TURBOCHARGER SUB–ASSY

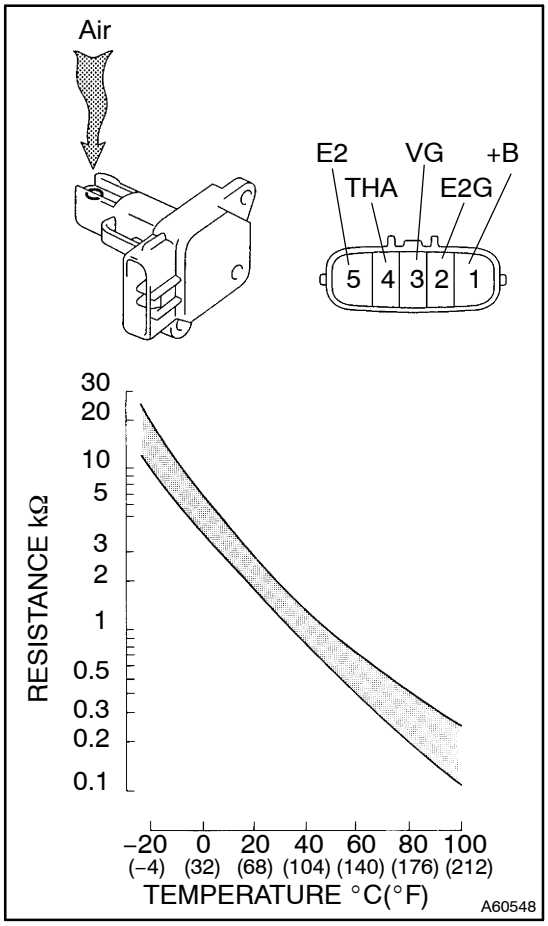
OK

2	CHECK ELECTRIC EGR CONTROL VALVE ASSY (See page 12–28)

NG → REPLACE ELECTRIC EGR CONTROL VALVE ASSY

OK

3	CHECK MASS AIR FLOW METER



(a) Check the mass air flow meter for resistance.

(1) Using an ohmmeter, measure the resistance between terminals 4 (THA) and 5 (E2).

Resistance:

13.6 – 18.4 kΩ at –20°C (–4°F)

2.21 – 2.69 kΩ at 20°C (68°F)

0.49 – 0.67 kΩ at 60°C (140°F)

NG → **REPLACE MASS AIR FLOW METER**

OK

CHECK AND REPLACE ECM