DTC	34 (2)	Turbocharger system malfunction	DI9F4-03
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.	• VNT valve
34 (3) (4)	When the condition that for 60 sec. or more the turbocharger	•Turbocharger •EGR valve •Air flow meter •Engine ECU

INSPECTION PROCEDURE

HINT:

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

When using hand-held tester:

1	Check connection of vacuum hose.

NG

Repair or replace.

ОК

Check vacuum between trubocharger and E–VRV for intake pressure change at
900 rpm.

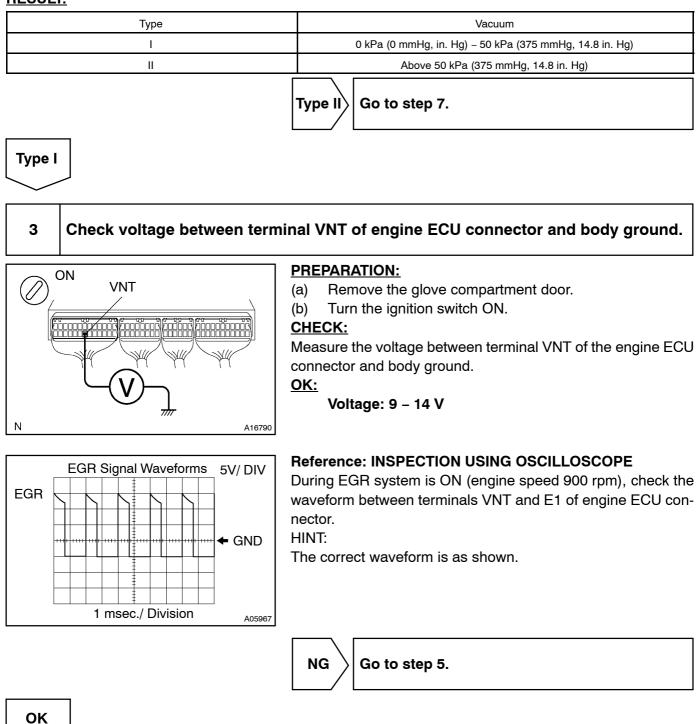
PREPARATION:

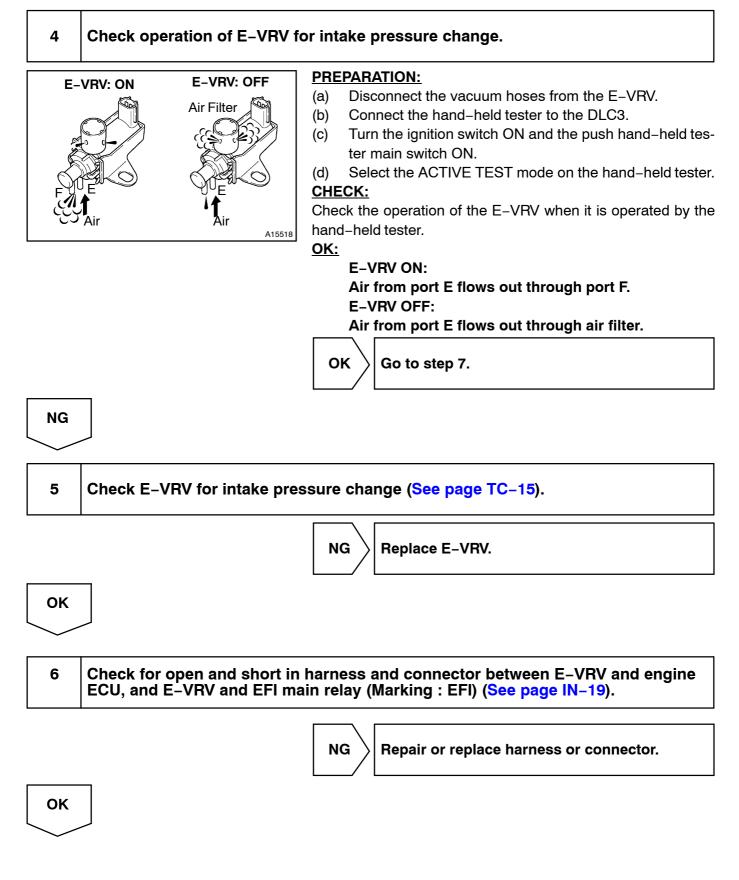
- (a) Using a 3-way connector, connect a vacuum gauge to the hose between the E-VRV and trubocharger.
- (b) Warm up the engine to above $80^{\circ}C$ (176°F).

CHECK:

Check the vacuum at 900 rpm.

RESULT:





7	Check turbocharger assembly (See page TC-1).
	NG Replace turbocharger.
ОК	
8	Check EGR valve (<mark>See page EC-2</mark>).
	NG Replace EGR valve.
ок	
9	Check air flow meter (See page DI–26).
	NG Replace air flow meter.
ОК	
Chec IN-19	k and replace engine ECU (<mark>See page</mark>).
When	not using hand-held tester:

1 Check the connection of vacuum hose.

NG Repair or replace.

0	K
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2	Check vacuum between trubocharger and E–VRV for intake pressure change at 900 rpm.

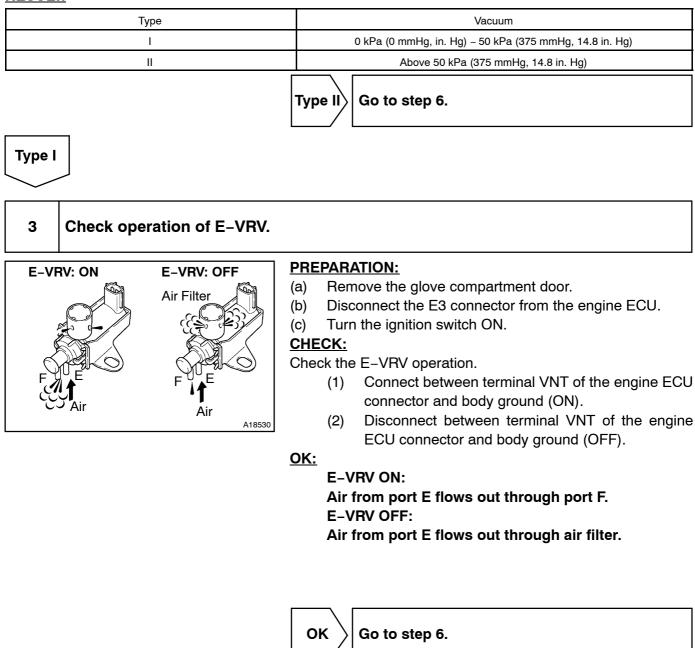
PREPARATION:

- (a) Using a 3-way connector, connect a vacuum gauge to the hose between the E-VRV and trubocharger.
- (b) Warm up the engine to above $80^{\circ}C$ (176°F).

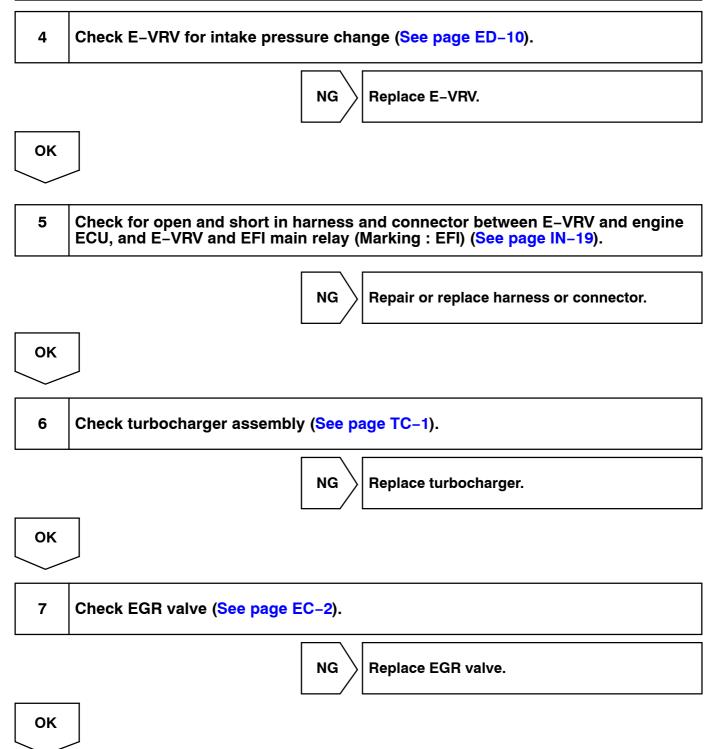
CHECK:

Check the vacuum at 900 rpm.

RESULT:



NG



8	Check air flow meter (See page DI-26).
	NG Replace air flow meter.
ОК	
Checl IN-19	k and replace engine ECU (<mark>See page</mark>).