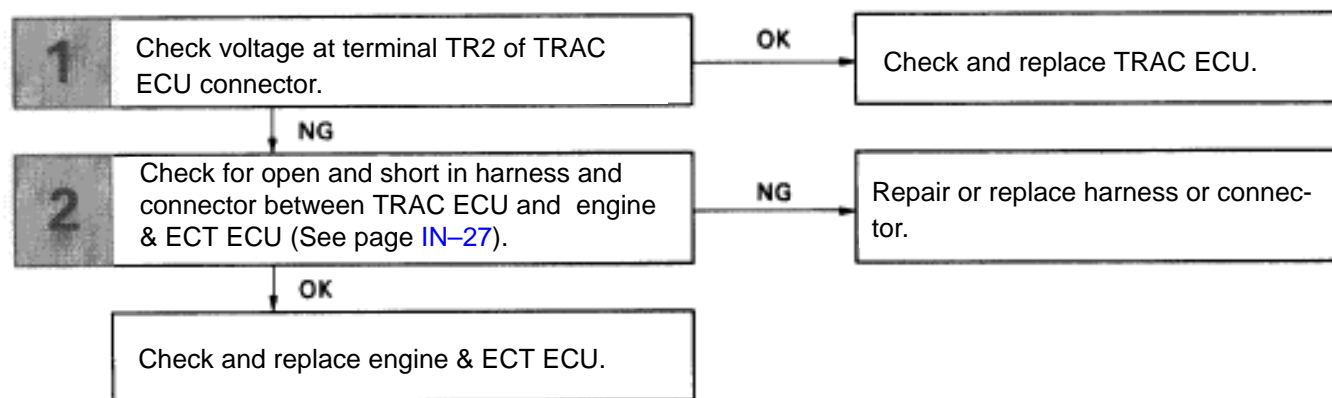
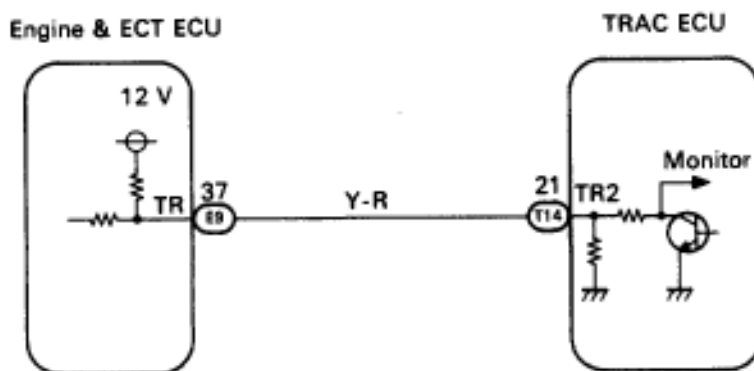


Diag. Code 49**Engine Communication Circuit****— CIRCUIT DESCRIPTION —**

This circuit is used to send ignition timing retard request signals from the TRAC ECU to the engine & ECT ECU in order to retard the engine ignition timing.

Code No.	Diagnostic Code Detecting Condition	Trouble Area
49	Either of the following (1) or (2) continues for 0.12 sec.: (1) Engine speed: 500 rpm or more. (2) TR2 output voltage differs from TR2 monitor voltage in TRAC ECU.	<ul style="list-style-type: none"> •Open or short in TR2 circuit •Engine & ECT ECU •TRAC ECU

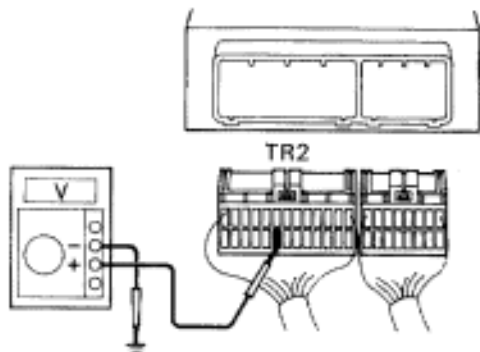
— DIAGNOSTIC CHART —**WIRING DIAGRAM**

INSPECTION PROCEDURE

1

Check voltage between terminal TR2 of TRAC ECU and body ground.

ON
IG ON



BS6653
BR5450

P

1. Disconnect TRAC ECU connector.
2. Turn ignition switch ON.

C

Measure voltage between terminal TR2 of TRAC ECU and body ground.

OK

Voltage: 10 – 14V

NG**OK**

Check and replace TRAC ECU.

2

Check for open and short in harness and connector between TRAC ECU and engine & ECT ECU (See page [IN-27](#)).

OK**NG**

Repair or replace harness or connector.

Check and replace engine & ECT ECU.