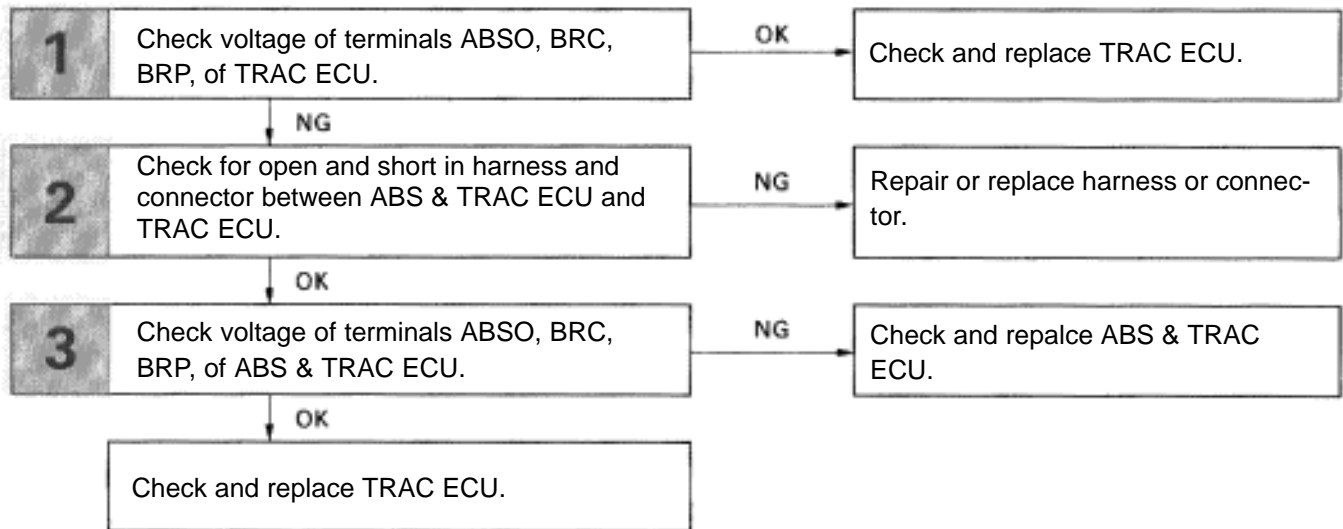
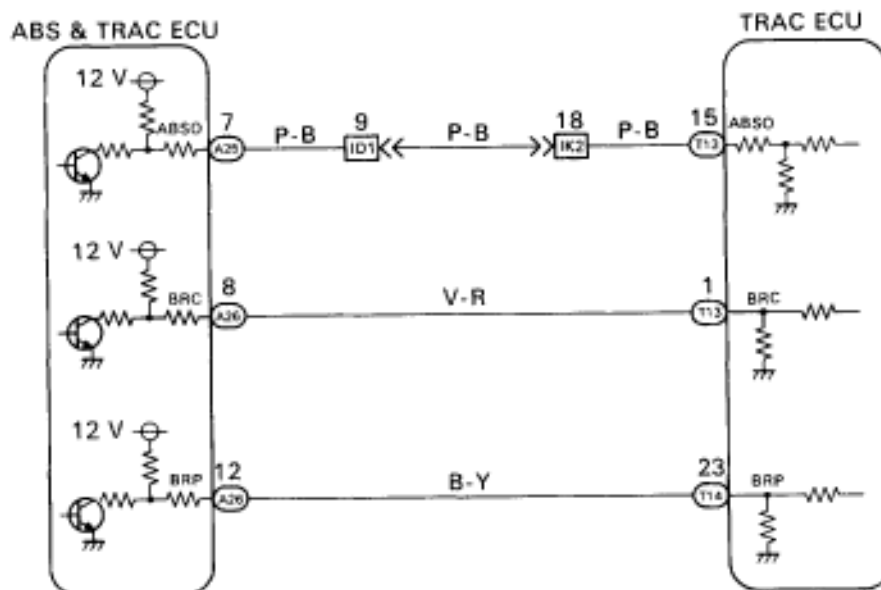


**Diag. Code 61****ABS & TRAC ECU Communication Circuit Malfunction****— CIRCUIT DESCRIPTION —**

Code No.	Diagnostic Code Detecting Condition	Trouble Area
61	Malfunction in ABS control system or communication circuit.	<ul style="list-style-type: none"> <li>•Open or short in ABSO, BRC, BRP circuit</li> <li>•ABS &amp; TRAC ECU</li> <li>•TRAC ECU</li> </ul>

**— DIAGNOSTIC CHART —**

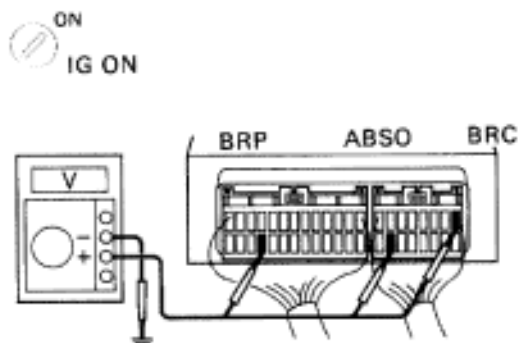
HINT: If the same code is output from the ABS warning light, troubleshoot the ABS first.

**WIRING DIAGRAM**

## INSPECTION PROCEDURE

1

Check voltage between terminals ABSO, BRC, BRP of TRAC ECU and body ground.

BF6653  
BR5452

P

Remove TRAC ECU with connectors still connected.

C

Measure voltage between terminals ABSO, BRC, BRP of TRAC ECU and body ground when ignition switch is turned ON.

OK

**Voltage: 10 – 14V**

NG

OK

Check and replace TRAC ECU.

2

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

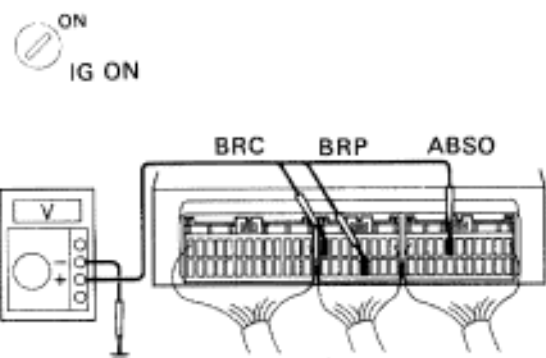
OK

NG

Repair or replace harness or connector.

3

Check voltage between terminal ABSO, BRC, BRP of ABS & TRAC ECU and body ground.

BF6653  
BR5443

P

Remove ABS & TRAC ECU with connectors still connected.

C

Measure voltage between terminals ABSO, BRC, BRP of ABS & TRAC ECU and body ground when ignition switch is turned ON.

OK

**Voltage: 10 – 14V**

OK

NG

Check and replace ABS & TRAC ECU.

Check and replace TRAC ECU.