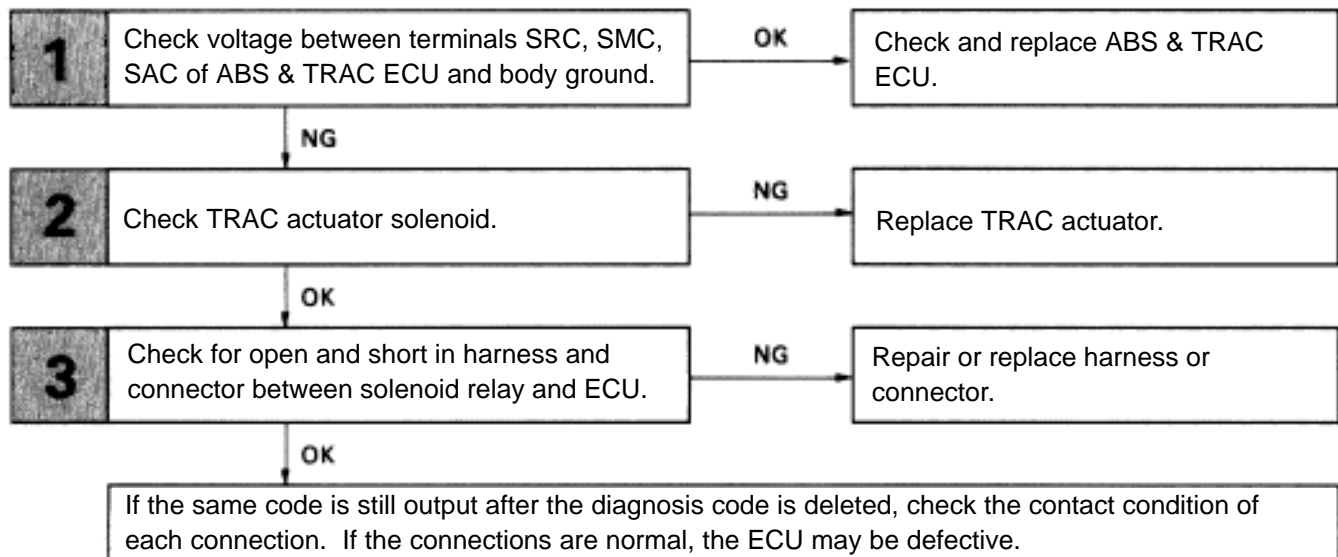


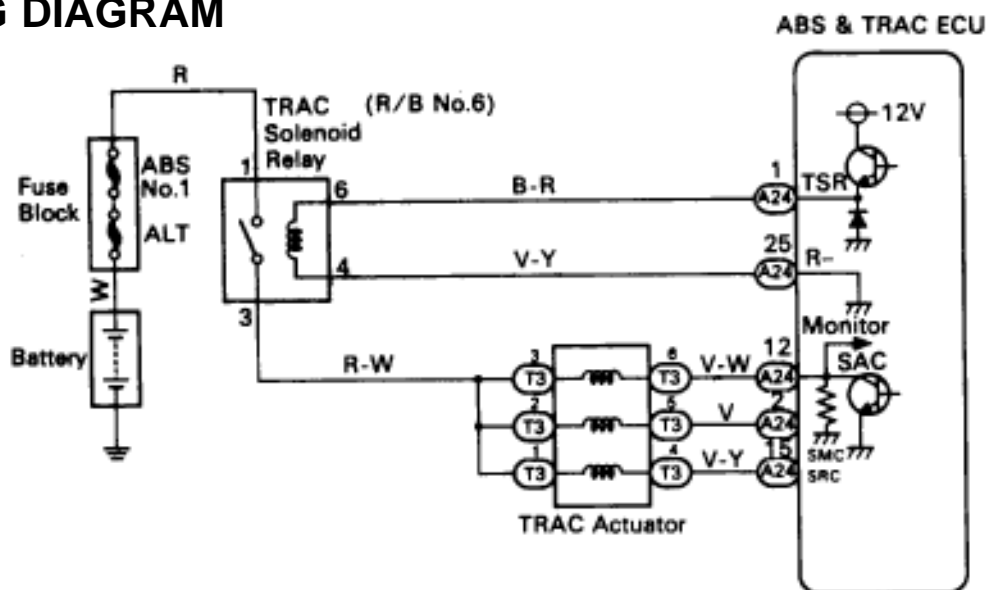
**Diag. Code 25, 26, 27****TRAC Actuator Solenoid Circuit****— CIRCUIT DESCRIPTION —**

The TRAC actuator solenoid operates in accordance with signals from the ECU, changing TRAC to the normal, pressure increase, pressure reduction or holding mode.

Code No.	Diagnostic Code Detecting Condition	Trouble Area
<b>25</b>	Conditions (1) and (2) continue for 0.05 sec. or more: (1) TRAC solenoid relay: ON (2) Voltage of ABS (& TRAC) ECU terminal SMC: 0V	<ul style="list-style-type: none"> <li>•TRAC actuator</li> <li>•Open or short in SMC circuit</li> <li>•ECU</li> </ul>
<b>26</b>	Conditions (1) and (2) continue for 0.05 sec. or more: (1) TRAC solenoid relay: ON (2) Voltage of ABS (& TRAC) ECU terminal SAC: 0V	<ul style="list-style-type: none"> <li>•TRAC actuator</li> <li>•Open or short in SAC circuit</li> <li>•ECU</li> </ul>
<b>27</b>	Conditions (1) and (2) continue for 0.05 sec. or more: (1) TRAC solenoid relay: ON (2) Voltage of ABS (& TRAC) ECU terminal SRC: 0V	<ul style="list-style-type: none"> <li>•TRAC actuator</li> <li>•Open or short in SRC circuit</li> <li>•ECU</li> </ul>

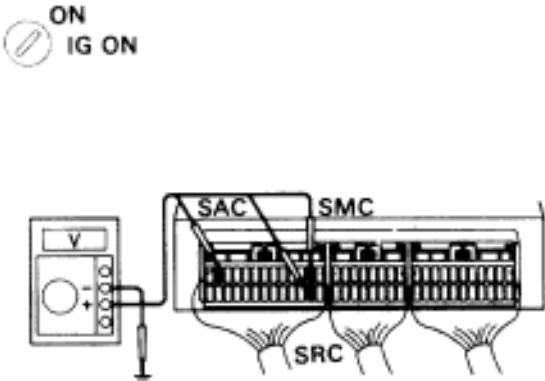
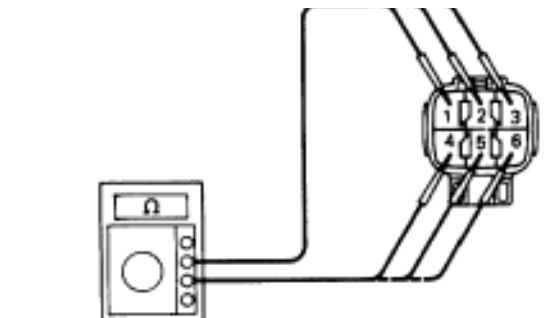
Fail safe function: If trouble occurs in this solenoid circuit, the ECU cuts off current to the TRAC solenoid relay and prohibits ABS control.

**— DIAGNOSTIC CHART —**

**WIRING DIAGRAM**

BR107

## INSPECTION PROCEDURE

<b>1</b>	<b>Check voltage between terminals SRC, SMC, SAC of ABS &amp; TRAC ECU and body ground.</b>				
 <p>ON IG ON</p> <p>BE5653 BR5444</p>	<p><b>P</b> 1. Remove ABS &amp; TRAC ECU with connectors still connected.</p> <p>2. Turn ignition switch ON.</p> <p><b>C</b> Measure voltage between terminals SRC, SMC, SAC of ABS &amp; TRAC ECU and body ground.</p> <p><b>OK</b> <b>Voltage:</b> 10 – 14V</p>				
<p><b>NG</b></p>	<p><b>OK</b> Check and replace ABS &amp; TRAC ECU.</p>				
<b>2</b>	<b>Check TRAC actuator solenoid.</b>				
 <p>BR5421</p>	<p><b>P</b> Disconnect TRAC actuator solenoid connector.</p> <p><b>C</b> Check continuity between each terminal of TRAC brake actuator shown below.</p> <p><b>OK</b></p> <table border="1" data-bbox="824 1178 1471 1325"> <tr> <td>Terminals 1 and 4</td> <td rowspan="3">Continuity (Reference value 2.1 Ω)</td> </tr> <tr> <td>Terminals 2 and 5</td> </tr> <tr> <td>Terminals 3 and 6</td> </tr> </table>	Terminals 1 and 4	Continuity (Reference value 2.1 Ω)	Terminals 2 and 5	Terminals 3 and 6
Terminals 1 and 4	Continuity (Reference value 2.1 Ω)				
Terminals 2 and 5					
Terminals 3 and 6					
<p><b>OK</b></p>	<p><b>NG</b> Replace TRAC brake actuator.</p>				
<b>3</b>	<b>Check for open and short in harness and connector between solenoid relay and ECU (See page <a href="#">IN-27</a>).</b>				
<p><b>OK</b></p>	<p><b>NG</b> Repair or replace harness or connector.</p>				

If the same code is still output after the diagnosis code is deleted, check the contact condition of each connection. If the connections are normal, the ECU may be defective.