

# Tc Terminal Circuit

## CIRCUIT DESCRIPTION

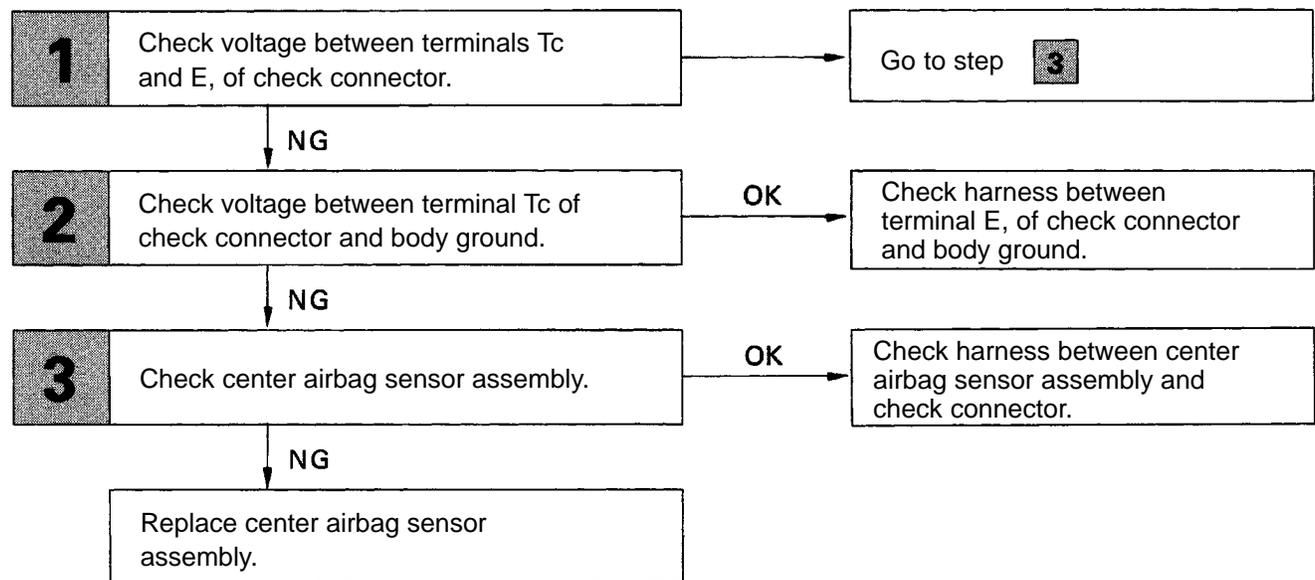
By connecting terminals Tc and E1 of the check connector, the center airbag sensor assembly is set in the diagnostic code output mode. The diagnostic codes are displayed by the blinking of the airbag warning light.

## DIAGNOSTIC CHART

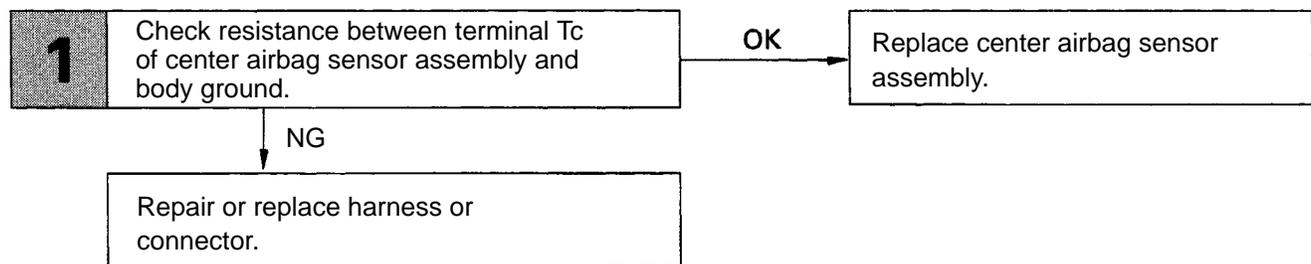
Troubleshooting for this system is different depending on whether the diagnostic code is not displayed or is continuously displayed. Confirm the problem symptoms first before selecting the appropriate troubleshooting procedure.

HINT: If the diagnostic code is not displayed, perform the following troubleshooting:

Check voltage between terminals Tc OK

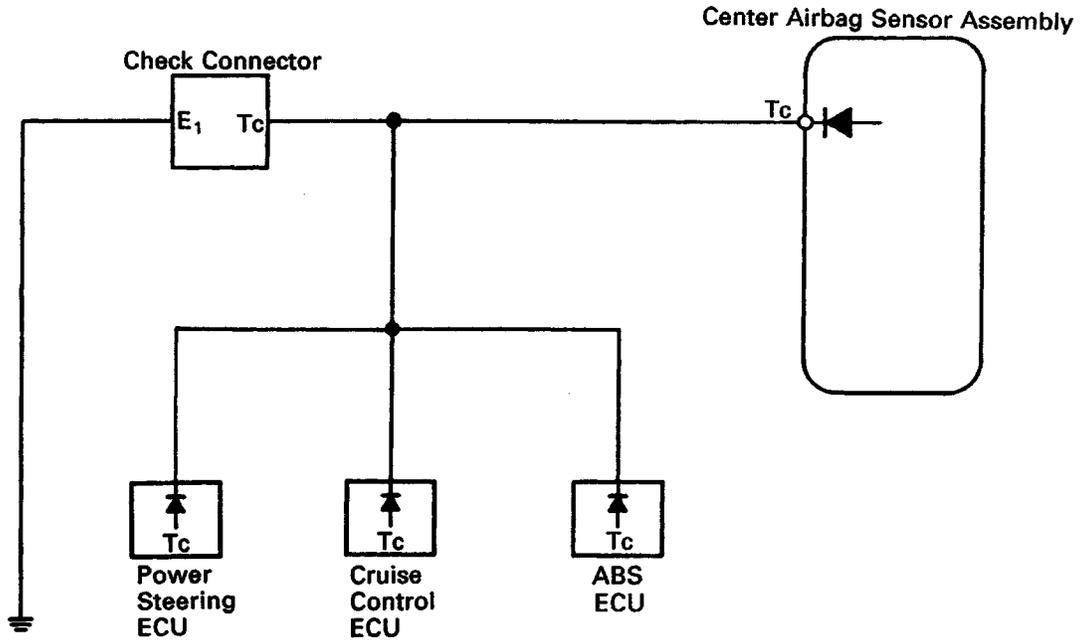


HINT: If the diagnostic code is continuously displayed, perform the following troubleshooting:



DIAGNOSTIC CHART

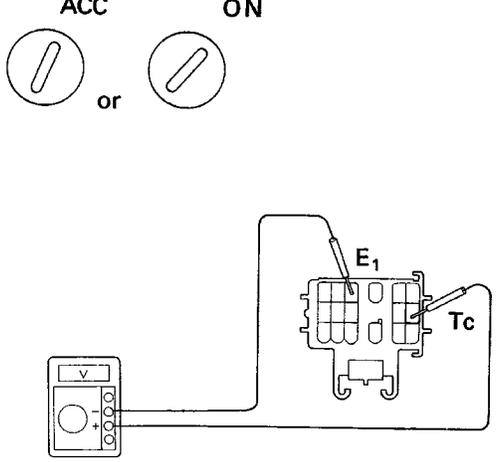
WIRING DIAGRAM

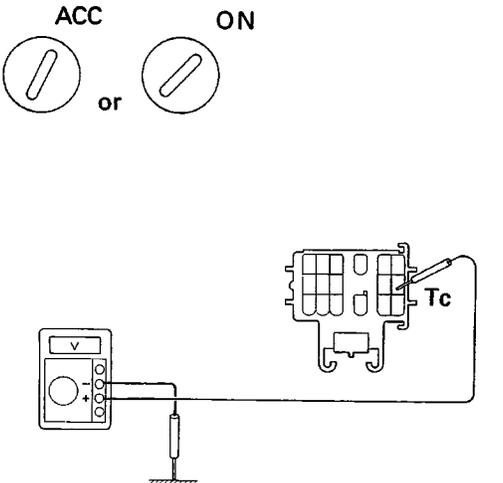


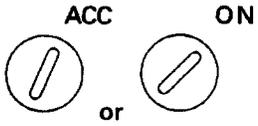
AB0291

**P** Preparation **C** Check

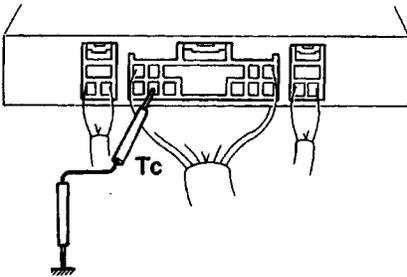
HiNT: If the diagnostic code is not displayed, perform the following troubleshooting:

<h1 style="margin: 0;">1</h1> <h2 style="margin: 0;">Check voltage between terminals Tc and E1 of check connector.</h2>	
<p style="text-align: center;">ACC      ON</p>  <p style="font-size: small;">AB0118 AB0119 AB0221</p>	<p><b>P</b> Turn ignition switch ACC or ON.</p> <p><b>C</b> Measure voltage between terminals Tc and E<sub>1</sub> of check connector.</p> <p><b>OK</b> <b>Voltage: Battery voltage</b></p>
<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">NG</div>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">OK</div> <p style="margin: 0;">Go to step <b>3</b>.</p>

<h1 style="margin: 0;">2</h1> <h2 style="margin: 0;">Check voltage between terminal Tc of check connector and body ground.</h2>	
<p style="text-align: center;">ACC      ON</p>  <p style="font-size: small;">AB0118 AB0119 AB0222</p>	<p><b>C</b> Measure voltage between terminal Tc of check connector and body ground.</p> <p><b>OK</b> <b>Voltage: Battery voltage</b></p>
<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">NG</div>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">OK</div> <p style="margin: 0;">Check harness between terminal E1 of check connector and body ground.</p>

**3****Check center airbag sensor assembly.**

Center Airbag Sensor Assembly

AB0118 AB0119  
AB0118

**P** Using a service wire, connect terminal Tc of center airbag sensor assembly connector to body ground.

**C** Check operation of airbag warning light.

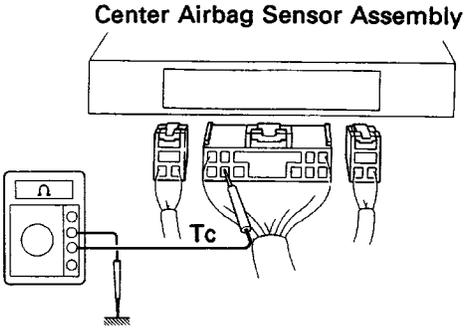
**OK** Airbag warning light comes on.

**NG****OK**

Check harness between center airbag sensor assembly and check connector.

Replace center airbag sensor assembly.

HINT: If the diagnostic code is continuously displayed, perform the following troubleshooting.

<b>1</b>	<p><b>Check resistance between terminal Tc of center airbag sensor assembly and body ground.</b></p>
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">  <p>LOCK</p> </div> <div style="text-align: center;">  <p>Center Airbag Sensor Assembly</p> <p>Tc</p> </div> </div> <p style="font-size: small; margin-top: 10px;">AB0117 AB0189</p>	<p><b>P</b> (1) Turn ignition switch LOCK. (2) Disconnect center airbag sensor assembly connector.</p> <p><b>C</b> Check resistance between terminal Tc of center airbag sensor assembly and body ground.</p> <p><b>OK</b> <b>Resistance:</b> <math>\infty \Omega</math></p>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p><b>NG</b></p> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p><b>OK</b> Replace center airbag sensor assembly.</p> </div>

Repair or replace harness or connector.