

## Automatic Control Switch Circuit

### CIRCUIT DESCRIPTION

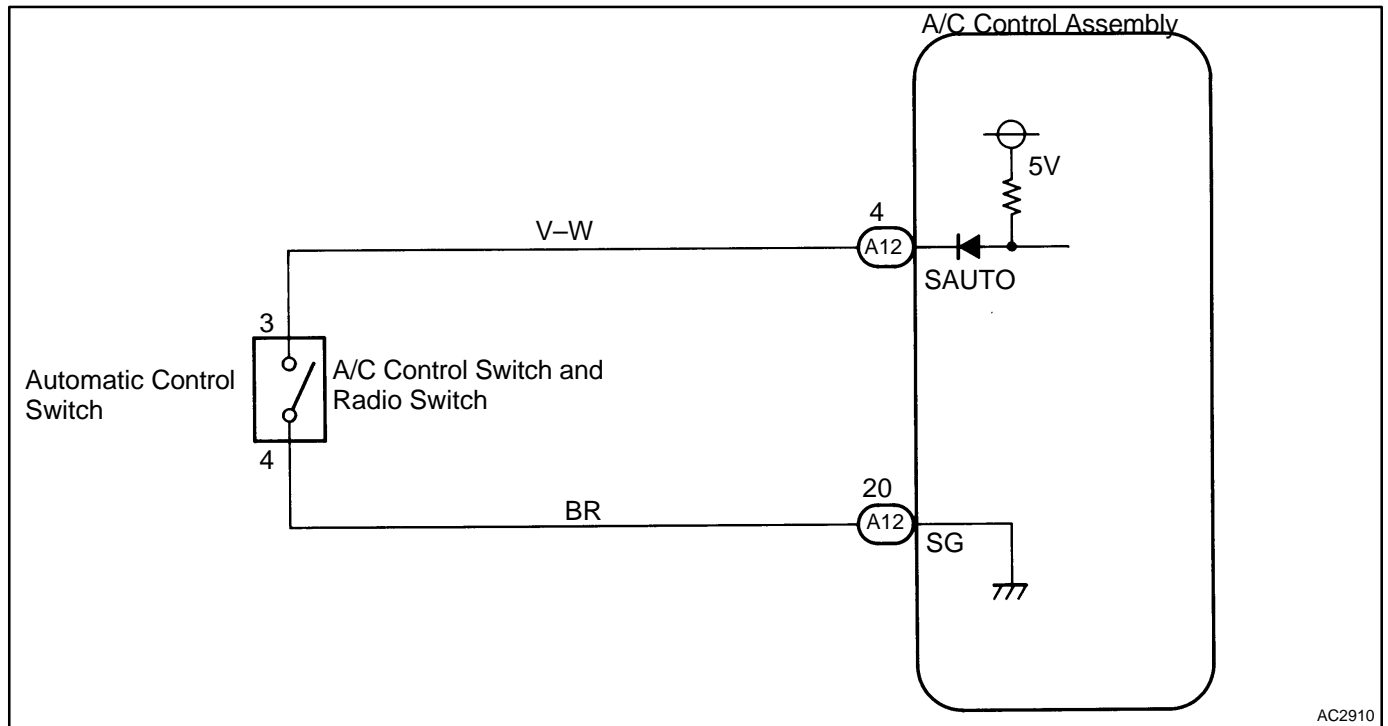
Temperature and Automatic Control Switch



AC2959

The SW contact is ON while the automatic control SW is pushed, and turns OFF when automatic control SW is released. When the SW is turned ON, the voltage at the SAUTO terminal of A/C control assembly is almost 0V and the ECU begins fully automatic control of the blower speed, air inlet, air outlet and compressor operation.

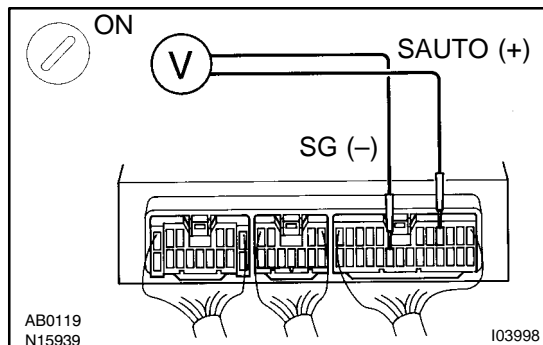
### WIRING DIAGRAM



AC2910

## INSPECTION PROCEDURE

## 1 Check voltage between terminal SAUTO and SG of A/C control assembly.

**PREPARATION:**

- (a) Remove upper console panel.
- (b) Remove A/C control assembly with connectors still connected.
- (c) Turn ignition switch ON.

**CHECK:**

Measure voltage between terminal SAUTO and SG of A/C control assembly when automatic control SW is operated.

**OK:**

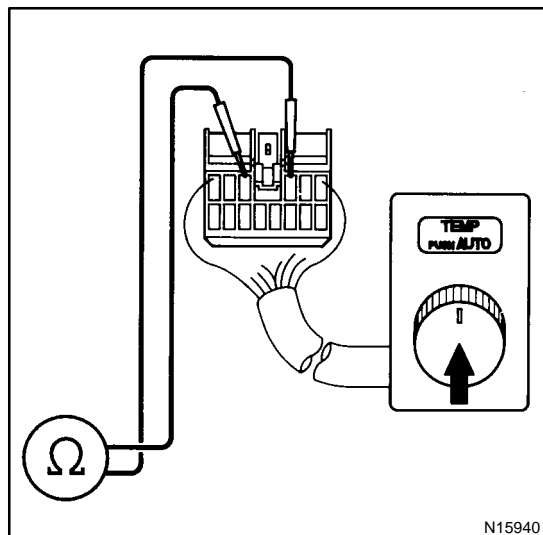
Condition	Voltage
During SW is pushed	Below 1 V
During SW is not pushed	4 – 6 V

**OK**

Proceed to next circuit inspection shown on matrix chart (See page DI-821).

**NG**

## 2 Check automatic control Switch.

**PREPARATION:**

Disconnect automatic control switch connector.

**CHECK:**

Measure resistance between terminal 3 and 4 of automatic control switch connector when it is operated.

**OK:**

Condition	Resistance
During SW is pushed	Below 500 Ω
During SW is not pushed	Open

**NG**

Replace automatic control switch.

**OK**

3	Check for open and short in harness and connector between switch and A/C control assembly (See page <a href="#">IN-29</a> ).
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