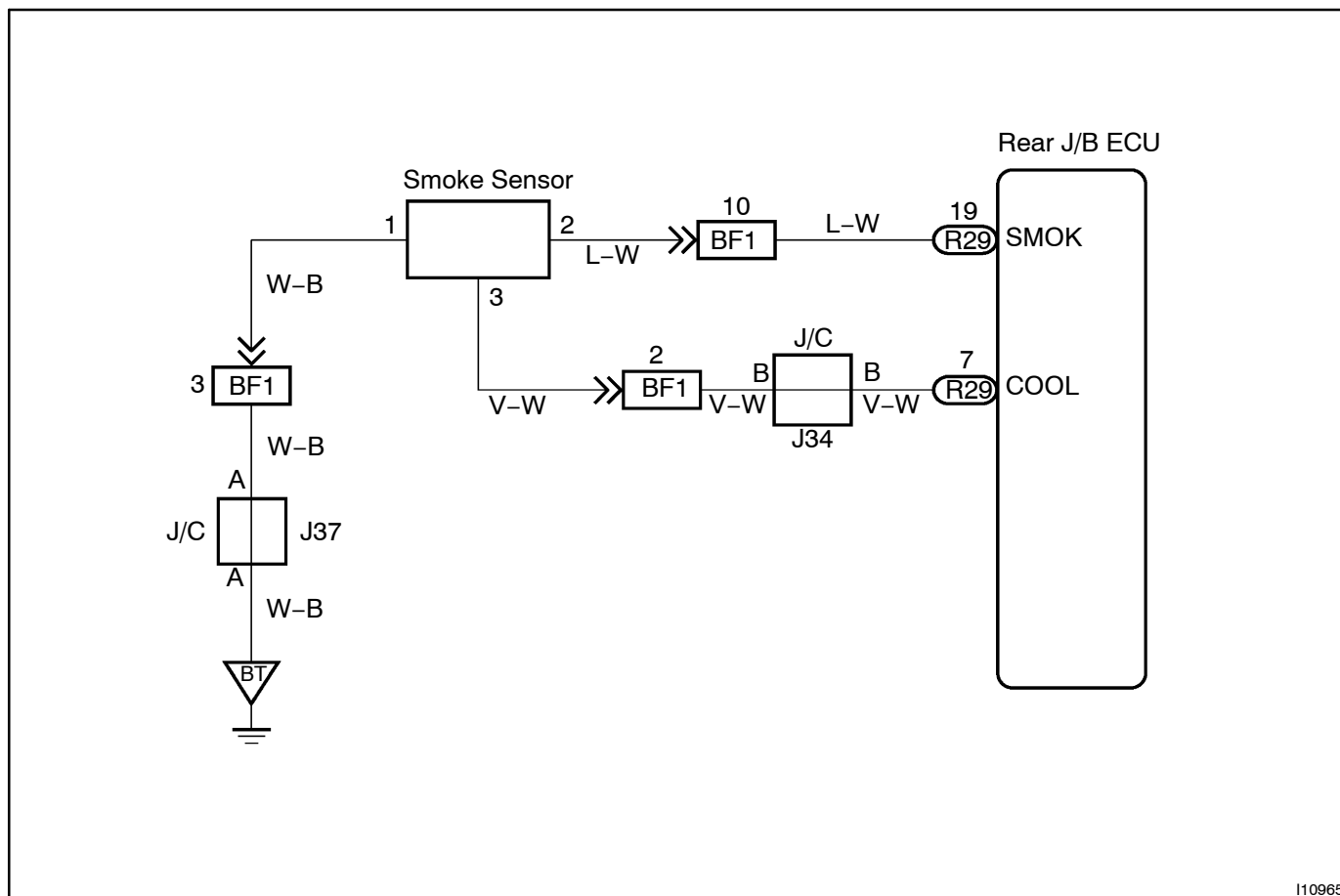


Smoke Sensor Circuit

CIRCUIT DESCRIPTION

This sensor detects the smoke inside the cabin and sends the appropriate signals to the rear J/B ECU.

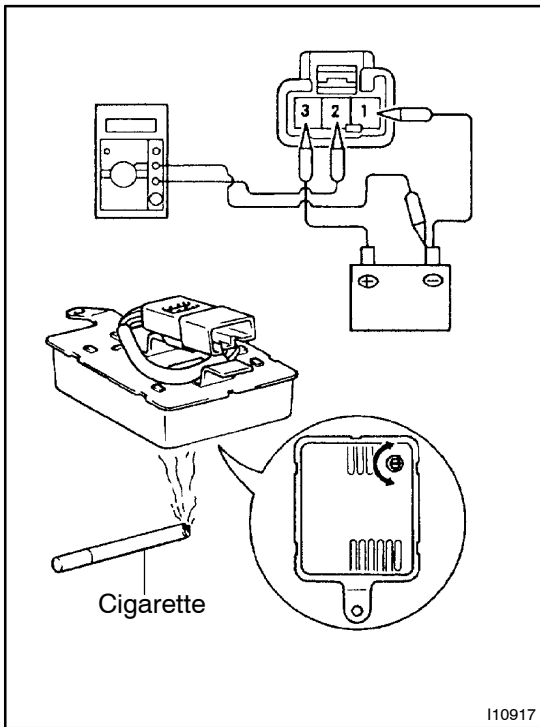
WIRING DIAGRAM



I10965

INSPECTION PROCEDURE

1 Check smoke sensor.

**PREPARATION:**

Remove the smoke sensor (See page AC-38).

CHECK:

- (a) Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 1.
- (b) By using cigarette smoke, measure the voltage as connector terminal 2.

OK:

There is no smoke: Below 1.0V

There is smoke: Above 4.0V

NOTICE:

Since the sensor detects smoke with light, check the sensor in dark state.

HINT:

- Sensitivity increase as the sensitivity adjusting knob is turned counterclockwise.
- Do not adjust sensitivity more than necessary.

NG

Replace smoke sensor.

OK

2 Check harness and connector between rear J/B ECU and smoke sensor (See page IN-30).

NG

Repair or replace harness or connector.

OK

Check and replace rear J/B ECU.