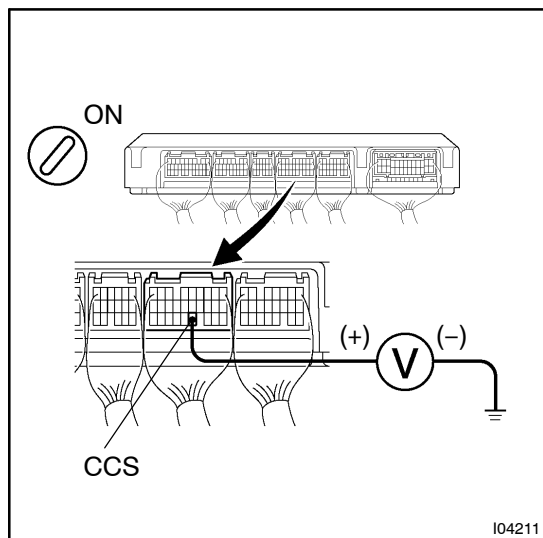


## CIRCUIT DESCRIPTION

| DTC No.  | Detection Item                   | Trouble Area                                                                                                                                                                                       |
|----------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P1565/32 | Short in control switch circuit. | <ul style="list-style-type: none"> <li>•Cruise control switch</li> <li>•Harness or connector between ECM and cruise control switch, cruise control switch and body ground</li> <li>•ECM</li> </ul> |

## INSPECTION PROCEDURE

## 1 Check voltage between terminals CCS of ECM connector and body ground.

**PREPARATION:**

- (a) Remove the ECM with connector still connected.
- (b) Turn ignition switch ON.

**CHECK:**

Measure voltage between terminals CCS of ECM connector and body ground, when each of the SET/COAST, RESUME/ACCEL and CANCEL is turned ON.

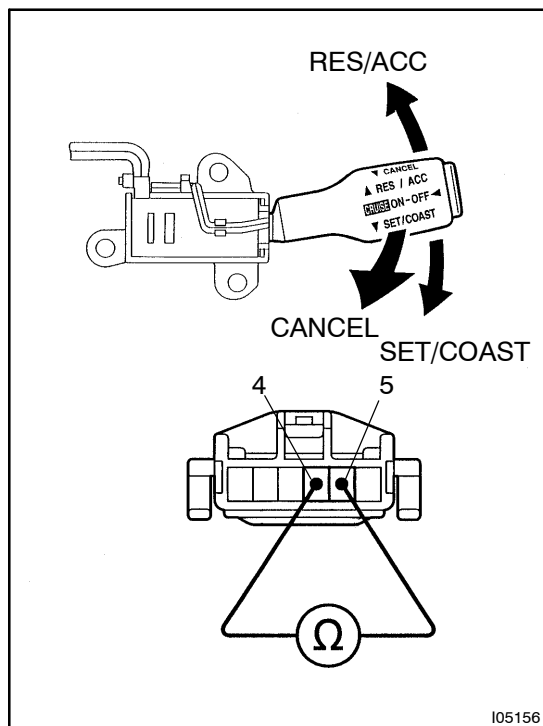
| Switch position | Resistance (V) |
|-----------------|----------------|
| Neutral         | 10 – 16 V      |
| RES/ACC         | 0.6 – 2.3 V    |
| SET/COAST       | 1.9 – 4.7 V    |
| CANCEL          | 3.4 – 7.2 V    |

NG

Proceed to next circuit inspection shown in problem symptoms table (See page [DI-525](#))

OK

## 2 Check control switch continuity.

**PREPARATION:**

- (a) Remove steering wheel center pad.
- (b) Disconnect the control switch connector.

**CHECK:**

Measure resistance between terminals 4 and 5 of control switch connector when control switch is operated.

| Switch position | Resistance (Ω)    |
|-----------------|-------------------|
| Neutral         | ∞ (No continuity) |
| RES/ACC         | 60 – 70           |
| SET/COAST       | 180 – 220         |
| CANCEL          | 380 – 460         |

NG

Replace control switch.

OK

|   |                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | Check harness and connector between ECM and cruise control switch, cruise control switch and body ground (See page <a href="#">IN-34</a> ). |
|---|---------------------------------------------------------------------------------------------------------------------------------------------|

NG

Repair or replace harness or connector.

OK

|   |                                                               |
|---|---------------------------------------------------------------|
| 4 | Check cruise control indicator light. (See combination meter) |
|---|---------------------------------------------------------------|

NG

Replace combination meter.

OK

Check and replace ECM (See page [IN-34](#)).