

## Clutch Switch Circuit

### CIRCUIT DESCRIPTION

When the clutch pedal is depressed, the clutch switch sends a signal to the cruise control ECU. When the signal is input to the cruise control ECU during cruise control driving, the cruise control ECU cancels cruise control.

### WIRING DIAGRAM

Refer to PNP switch circuit on page DI-794.

### INSPECTION PROCEDURE

#### 1 Check starter operation.

#### CHECK:

Check that the starter operates normally and that the engine starts.

NG

Proceed to engine troubleshooting (See page [DI-1](#), [DI-148](#)).

OK

#### 2 Input signal check.

Input Signal	Indicator Light Blinking Pattern
Clutch switch OFF (Depress clutch pedal)	<div> <div>ON</div> <div>SW ON</div> <div>Light</div> <div>OFF</div> <div>SW OFF</div> </div>

#### PREPARATION:

See input signal check on page DI-760.

#### CHECK:

Check the indicator light when clutch pedal depressed.

#### OK:

The indicator light goes off when shifting into clutch pedal depressed.

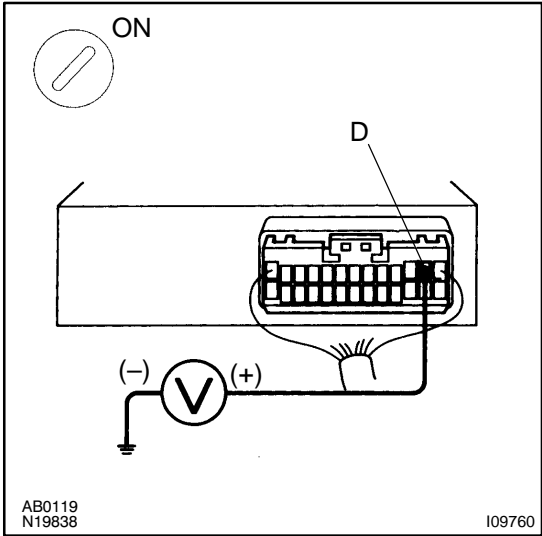
OK

Proceed to next circuit inspection shown on problem symptom table (See page DI-769).

NG

3

**Check voltage between terminal D of cruise control ECU and body ground.**



**PREPARATION:**

Turn ignition switch ON.

**CHECK:**

Measure voltage between terminal D of cruise control ECU connector and body ground when clutch pedal depressed and pushed in.

**OK:**

Shift Position	Voltage
Clutch pedal depressed	10 – 14 V
Clutch pedal pushed in	Below 1 V

**OK**

**Proceed to next circuit inspection shown on problem symptom table (See page DI-769).**

**NG**

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**Check for open in harness and connector between ECU and GAUGE fuse (See page IN-29).**

**NG**

**Repair or replace harness or connector.**

**OK**

**Check and replace cruise control ECU (See page IN-29).**