DI08W–06

# 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 neutral start switch circuit on page DI–314.

## INSPECTION PROCEDURE

| 1 | Check starter operation. |
|---|---|

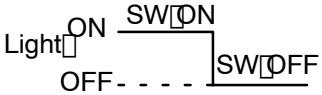
**CHECK:**

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

NG → **Proceed to engine troubleshooting.**

OK ↓

| 2 | Input signal check. |
|---|---|

| Input Signal | Indicator Light Blinking Pattern |
|---|---|
| Clutch switch OFF (Depress clutch pedal) |  |



**PREPARATION:**

See input signal check on page DI–277.

**CHECK:**

Check the indicator lights when clutch pedal is depressed.

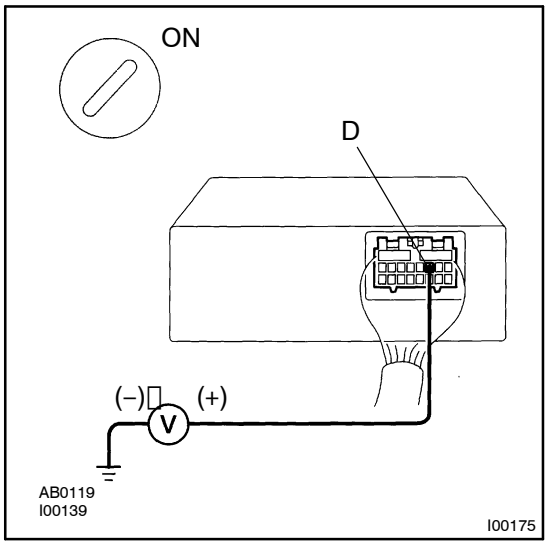
**OK:**

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

OK → **Proceed to next circuit inspection shown in problem symptom table (See page DI–286).**

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 is 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 in problem symptom table (See page DI–286).

NG

| | |
|---|---|
| 4 | Check for open in harness and connector between ECU and GAUGE fuse (See page IN–30). |

NG → Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page IN–30).