

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-330](#).

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](#)).

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-301](#).

CHECK:

Check the indicator light when the clutch pedal is depressed.

OK:

The indicator light goes off when the clutch pedal is depressed.

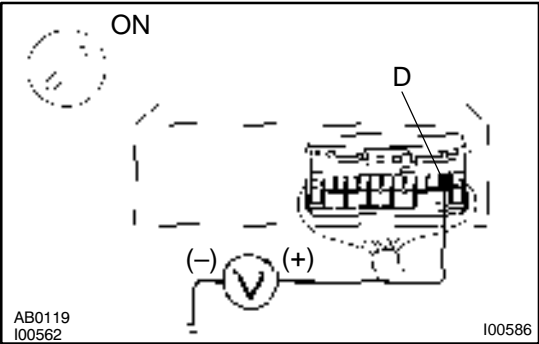
OK

Proceed to next circuit inspection shown on
matrix chart (See page [DI-308](#)).

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 ECU connector and body ground, when the clutch pedal is depressed.

OK:

Switch Position	Voltage
ON (pedal depressed)	Below 1 V
OFF	10 – 16 V

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-308](#)).

NG

4

Check for open in harness and connector between ECU and GAUGE fuse (See page [IN-27](#)).

NG

Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page [IN-27](#)).