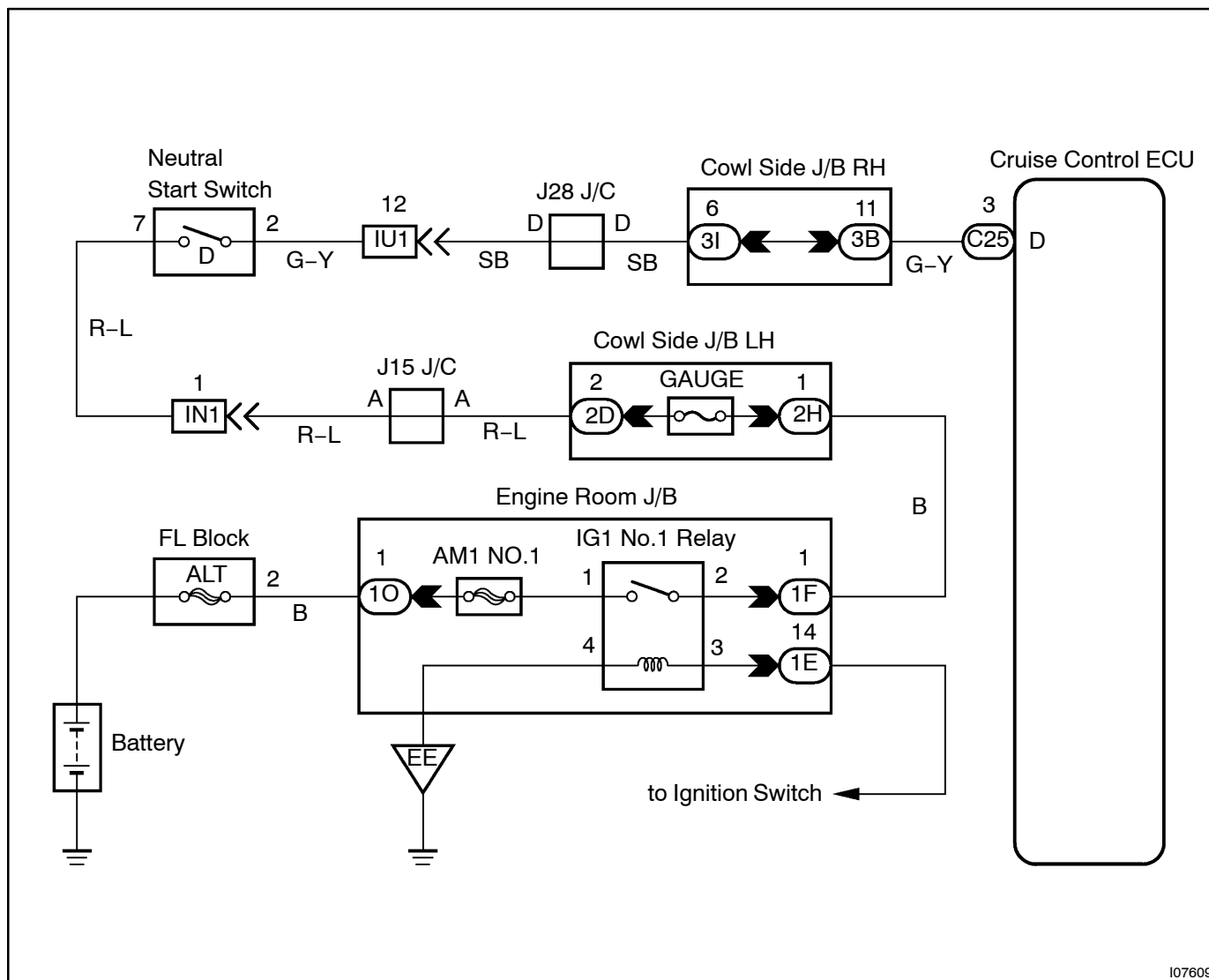DI0F4–04

Neutral start switch Circuit

CIRCUIT DESCRIPTION

When the shift position is put in except D position, a signal is sent from the neutral start switch to the ECU. When this signal is input during cruise control driving, the ECU cancels the cruise control.

WIRING DIAGRAM

I07609

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
Turn PNP switch OFF (Shift to except D position)	Light ON — SW ON, OFF- - - SW OFF

PREPARATION:
See input signal check on page DI–672.

CHECK:
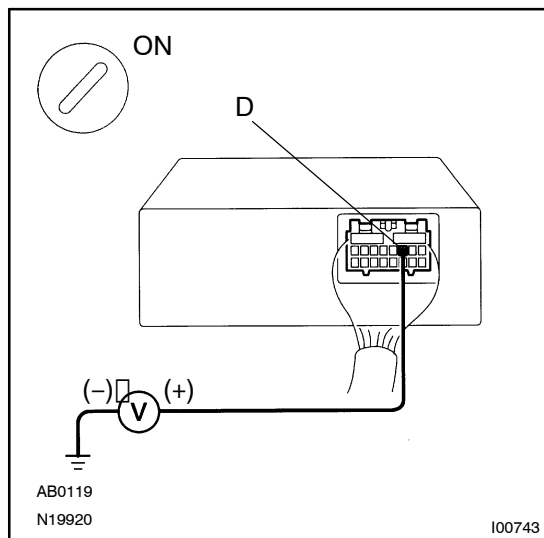Check the indicator light when shifting into except D position.

OK:
 The indicator light goes off when shifting into except D position.

> OK ⟩ **Proceed to next circuit inspection shown in problem symptom table (See page DI–682).**

NG ▽

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

PREPARATION:
Turn ignition switch ON.

CHECK:
Measure voltage between terminal D of ECU connector and body ground when shifting into D position and other positions.

OK:

Shift Position	Voltage
D position	10 – 14 V
Other positions	Below 1 V

OK	Proceed to next circuit inspection shown in problem symptom table (See page DI–682).

NG

4	Check harness and connector between cruise control ECU and neutral start switch (See page IN–35).

NG	Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page IN–35).