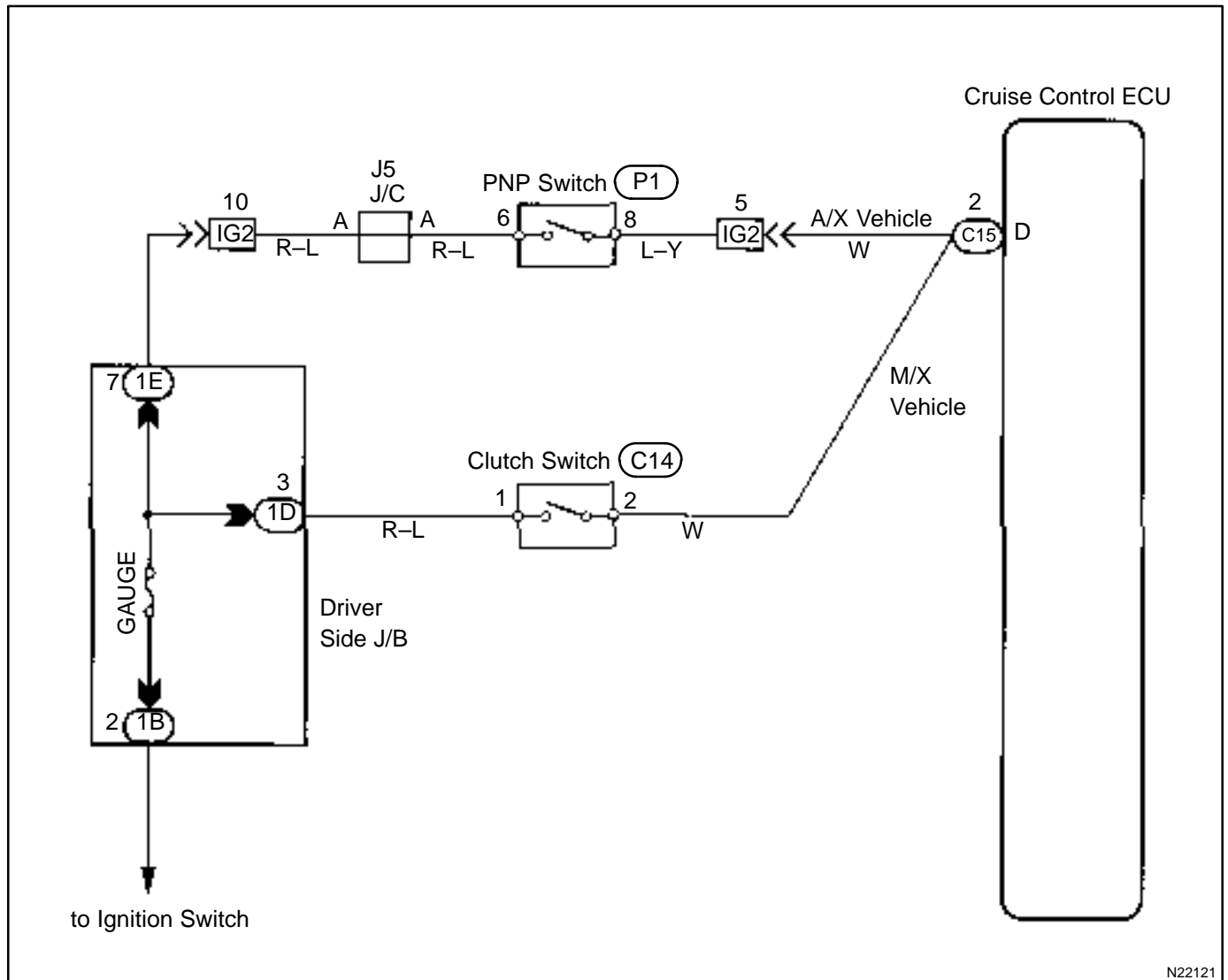


Park/Neutral Position Switch Circuit

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



N22121

INSPECTION PROCEDURE

1	Check starter operation.
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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.
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Input Signal	Indicator Light Blinking Pattern
Turn PNP switch OFF (Shift to except D position)	<div style="display: flex; align-items: center;"> <div style="text-align: center;">Light</div> <div style="margin: 0 10px;"> <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> </div> <div style="text-align: center;">SW</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> ONON </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> OFFOFF </div>

PREPARATION:

- (a) See input signal check on page [DI-301](#).
- (b) Check the indicator light when shifting into except D position.

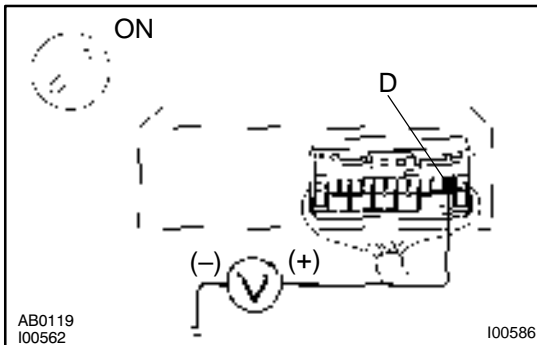
OK:

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

OK

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

NG

3 Check voltage between terminal D of ECU connector and body ground.**PREPARATION:**

Remove ECU with connectors still connected.

CHECK:

- (a) Turn ignition switch ON.
- (b) 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 – 16 V
Other positions	Below 1 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 PNP Switch and ECU (See page [IN-27](#)).****NG**

Repair or replace harness or connector.

OK

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