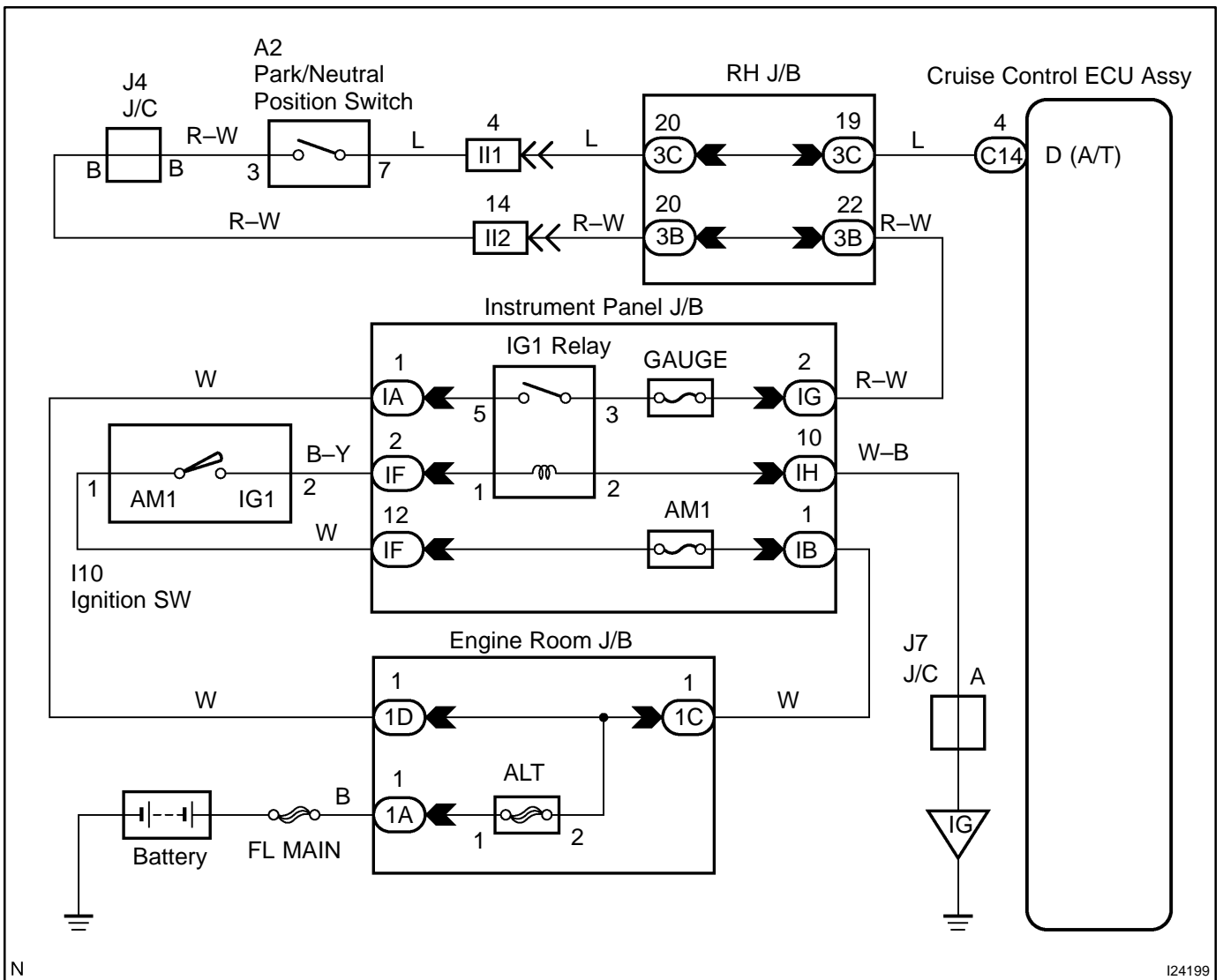


PARK/NEUTRAL POSITION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



N

I24199

INSPECTION PROCEDURE

1 CHECK OPERATION(STARTER)

(a) Check that the starter operates normally and that the engine starts.

NO → GO TO ENGINE TROUBLESHOOTING

YES

2 INPUT SIGNAL CHECK

Input Signal	Indicator Light Blinking Pattern
Turn PNP Switch OFF (Shift to positions except D)	

- (a) See input signal check on page 05-745.
- (b) Check the indicator light when shifting into except D position.

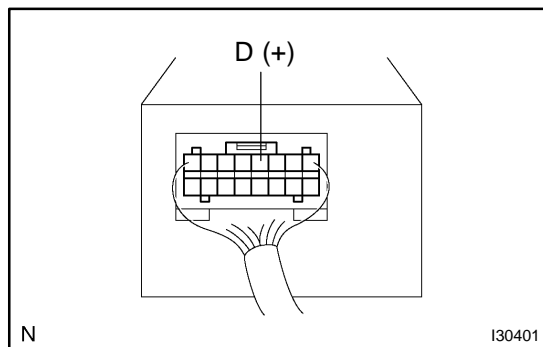
OK:

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

OK → PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-754)

NG

3 INSPECT TERMINAL VOLTAGE(D)



- (a) Turn the ignition switch to ON.
- (b) Measure voltage between terminal 4 (D) of cruise control ECU assy 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 PROBLEM SYMPTOMS TABLE (See page 05-754)

NG

4 CHECK HARNESS AND CONNECTOR(BETWEEN CRUISE CONTROL ECU ASSY AND PARK/NEUTRAL POSITION SWITCH)

- (a) Check for open and short circuit in harness and connector between cruise control ECU assy and park/neutral position switch (See page [01-30](#)).

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****CHECK AND REPLACE CRUISE CONTROL ECU ASSY (See page [01-30](#))**