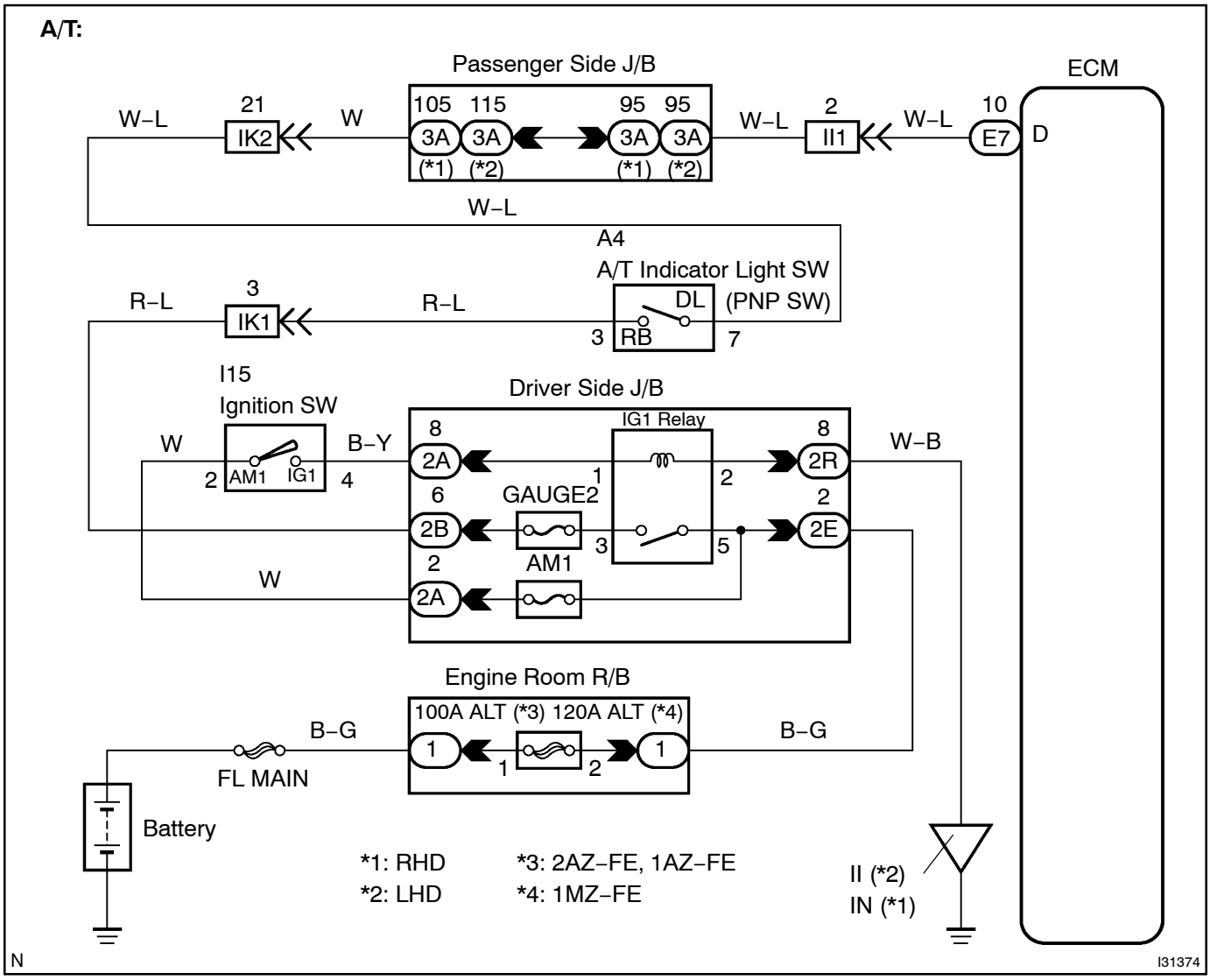
PARK/NEUTRAL POSITION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF HAND–HELD TESTER

(a) Turn the ignition switch ON and push the hand–held tester main SW ON.
(b) Select the item "SHIFT D POS" in the DATA LIST and read its value displayed on the hand–held tester.
OK:
ON: Shift D Position
OFF: Except shift D position

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05–1298)**

NG

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)

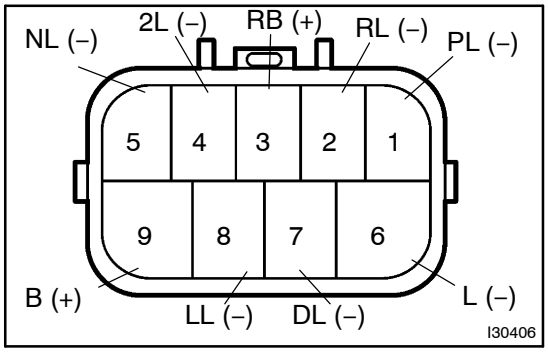
N I30420

(a) See input signal check on page 05–1290.
(b) Check the indicator light when shifting into except D position.
The indicator light goes off when shifting into except D position.

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05–1298)**

NG

3 INSPECT PARK/NEUTRAL POSITION SWITCH ASSY(DL, RB)



(a) Disconnect the park/neutral position switch connecter.
(b) Measure continuity between terminals 3 (RB) and 7 (DL) of park/neutral position switch connecter.
Continuity

NG → **REPLACE PARK/NEUTRAL POSITION SWITCH ASSY**

OK

4	CHECK HARNESS AND CONNECTOR

(a) Check for open and short circuit in harness and connector between terminal D of ECM and park/neutral position switch.

(b) Check for open and short circuit in harness and connector between terminal RB of park/neutral position switch and battery.

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE ECM(See page 01–31)