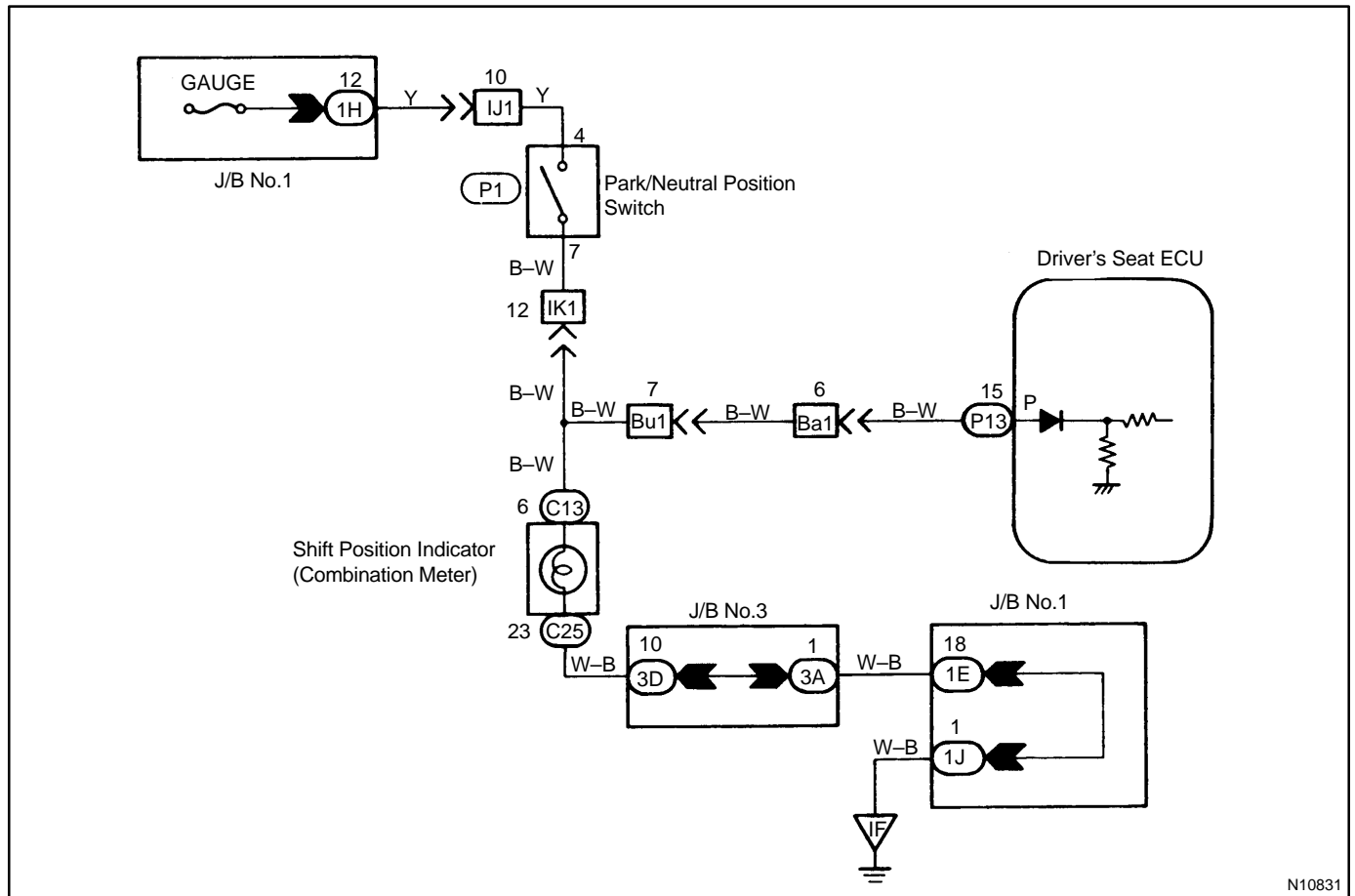


Park/Neutral Position Switch Circuit (Automatic Transmission Vehicle)

CIRCUIT DESCRIPTION

The park/neutral position switch detects when the shift position is in P position and sends a signal to the ECU. When the return switch is turned ON with the IG SW ON and the shift in P position, the ECU performs return operation.

WIRING DIAGRAM



N10831

INSPECTION PROCEDURE

1 Check shift position indicator.

CHECK:

Check that P lights up on the shift indicator when P position is shifted into, and that P is OFF when shifting into another position.

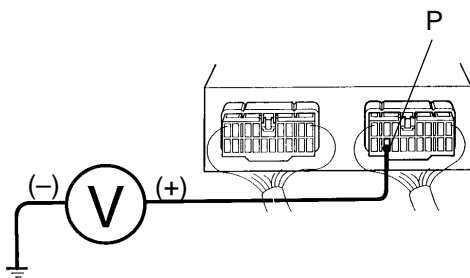
NG

Check shift position indicator circuit
(See page [BE-86](#)).

OK

2 Check voltage between terminal P of ECU connector and body ground.

ON

**PREPARATION:**

Remove ECU with connectors still connected.

CHECK:

- Turn ignition switch ON.
- Measure voltage between terminal P of ECU connector and body ground when the shift lever is positioned to the following positions.

OK:

Shift position	Voltage
P position	10 – 14 V
Other than P position	Below 1 V

OK

Proceed to next circuit inspection shown on
matrix chart (See page [DI-597](#)).

NG

Check and repair harness and connector between ECU and connector.