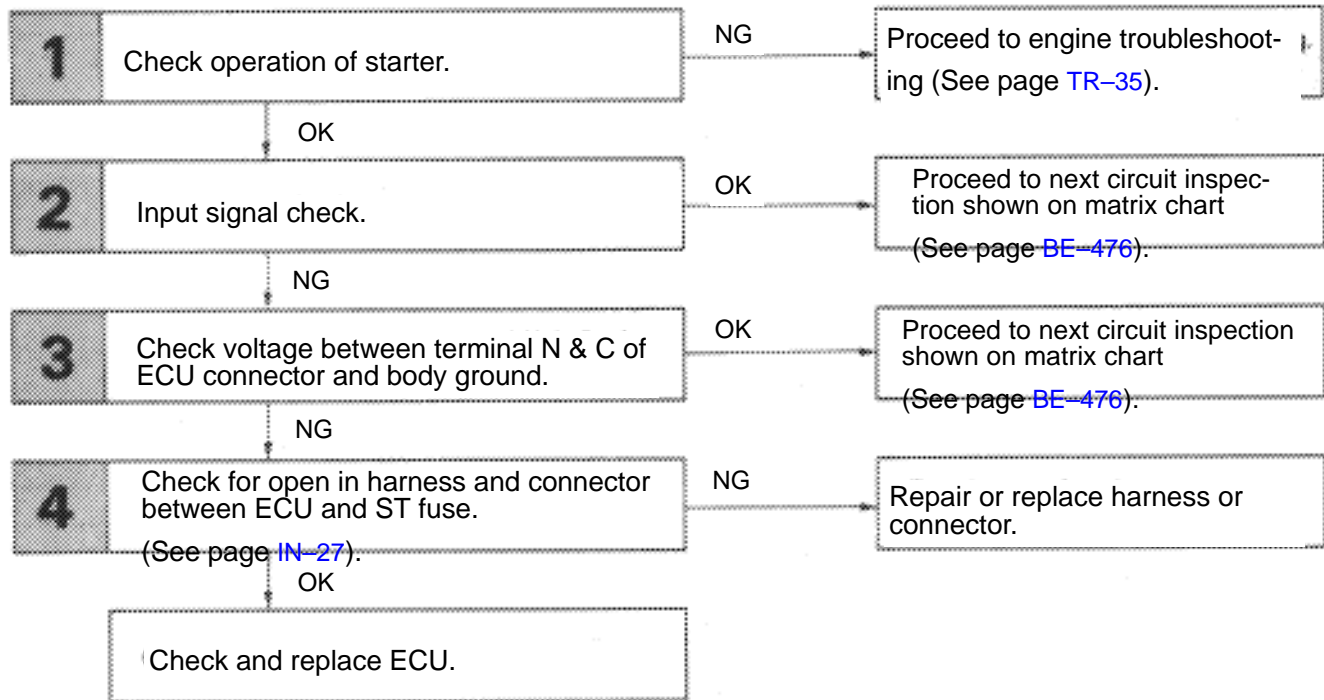


Neutral Start Switch Circuit

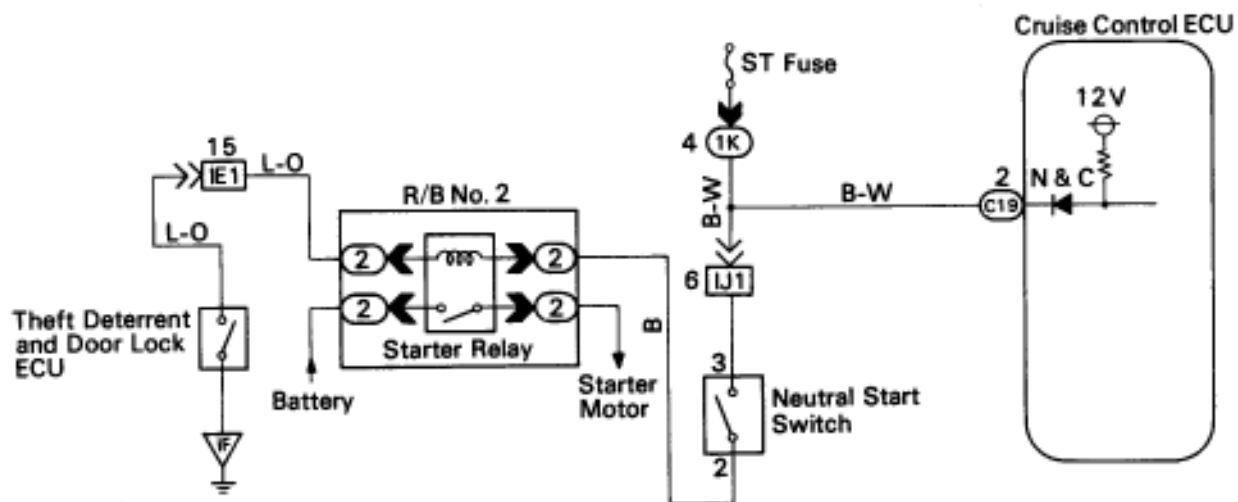
— CIRCUIT DESCRIPTION —

When the shift position is put in P or N, 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.

— DIAGNOSTIC CHART —



WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check operation of starter.

- C** Check that the starter operates normally and that the engine starts.

OK

NG

Proceed to engine troubleshooting (See page [TR-36](#)).

2 Inspect signal check.



- P**
- (1) See input signal check on page [BE-470](#).
 - (2) Check the indicator light when shifting into p range or n range.

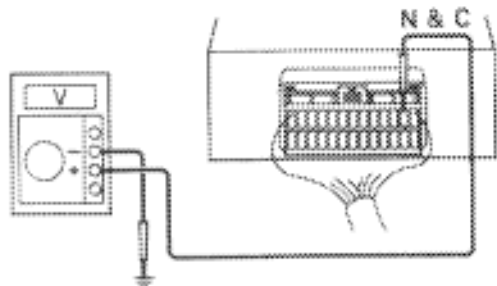
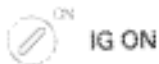
OK The indicator light goes off when shifting into P or N range.

NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [BE-476](#)).

3 Check voltage between terminal N & C of ECU connector and body ground



BE3940
BE4621

- P** Remove ECU with connectors still connected.

- C**
- (1) Turn ignition switch ON.
 - (2) Measure voltage between terminal N & C of ECU connector and body ground, when shifting into P, N range and other ranges.

OK

Shift Position	Voltage
P or N range	Below 1 V
Other ranges	10 – 14 V

NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [BE-476](#)).

4 Check for open in harness and connector between ECU and ST fuse (See page [IN-27](#)).

OK

NG

Repair or replace harness or connector.

Check and replace ECU.