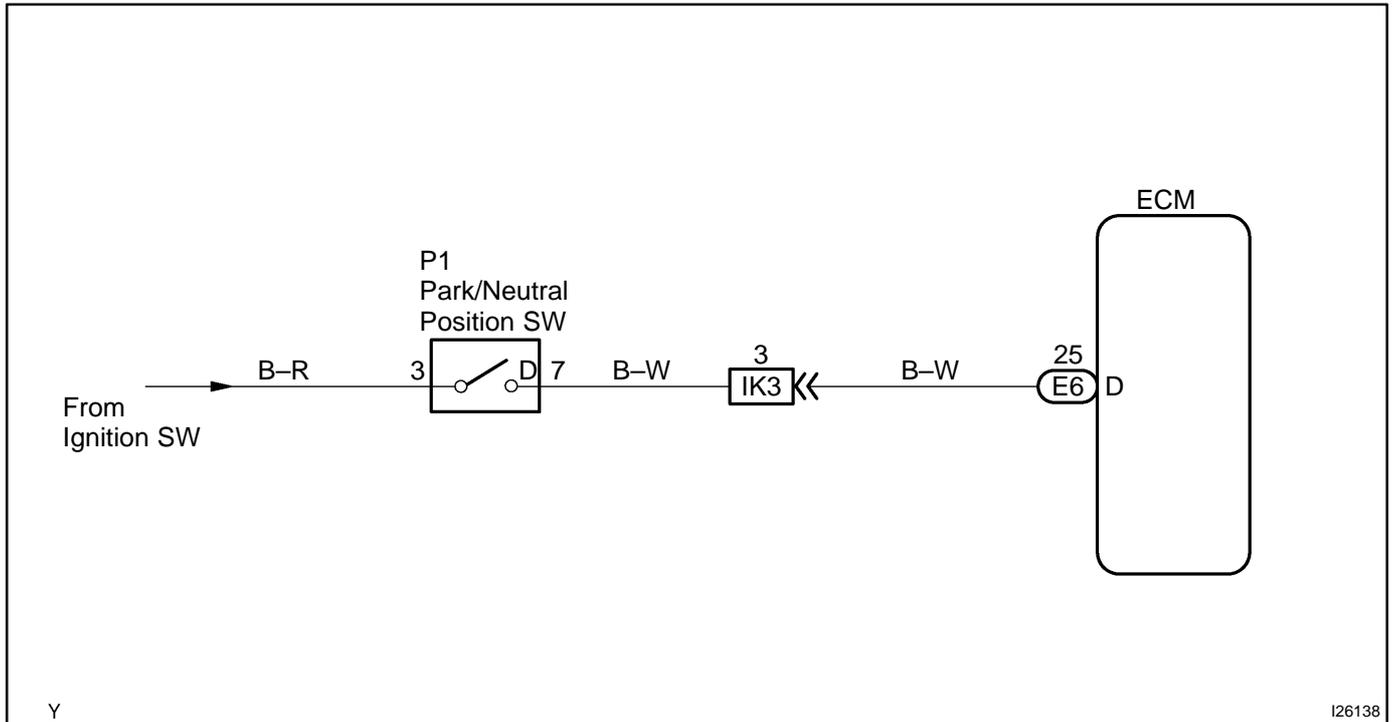


Park/Neutral Position Switch Circuit (A/T)

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

| | |
|----------|---------------------------------|
| 1 | Check starter operation. |
|----------|---------------------------------|

CHECK:

Check that the starter operates normally and that the engine starts.

| | |
|-----------|---|
| NG | Proceed to engine troubleshooting. |
|-----------|---|

| |
|-----------|
| OK |
|-----------|

2 Check input signal

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

PREPARATION:

See the input signal check on page [DI-691](#).

CHECK:

Check the indicator light when shifting into positions except D.

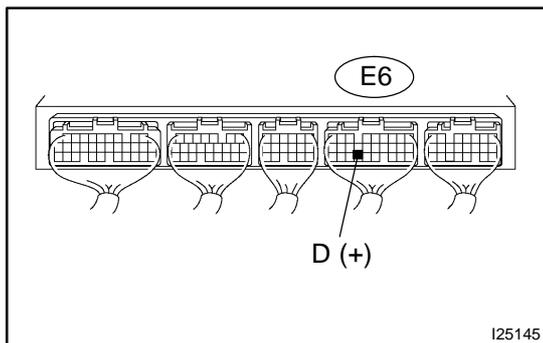
OK:

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

OK Proceed to next circuit inspection shown in problem symptoms table (See page [DI-700](#)).

NG

3 Check voltage between terminal D of ECM connector and body ground.



PREPARATION:

Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal E6-25 (D) of the ECM connector and the body ground when shifting into the 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 in problem symptoms table (See page [DI-700](#)).

NG

| | |
|----------|---|
| 4 | Check harness and connector between ECM and park/neutral position switch (See page IN-28). |
|----------|---|

| | |
|-----------|--|
| NG | Repair or replace harness or connector. |
|-----------|--|

| |
|-----------|
| OK |
|-----------|

| |
|---|
| Check and replace cruise control ECU (See page IN-28). |
|---|