

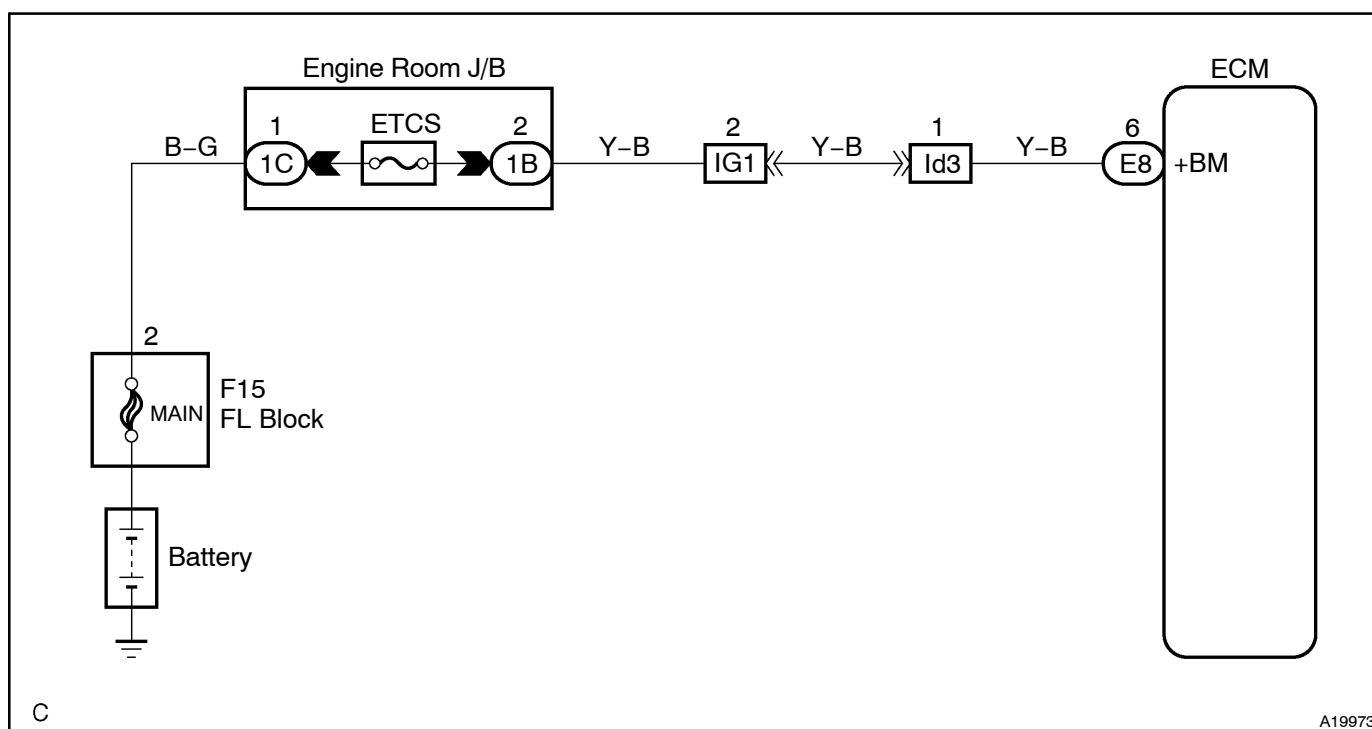
|            |              |                                                                  |
|------------|--------------|------------------------------------------------------------------|
| <b>DTC</b> | <b>P2118</b> | <b>Throttle Actuator Control Motor Current Range/Performance</b> |
|------------|--------------|------------------------------------------------------------------|

## CIRCUIT DESCRIPTION

Battery positive voltage is not supplied to terminal +BM of the ECM for the electric throttle control system. If this DTC is stored, the throttle valve is locked at a certain opening angle. Also, the whole electronically controlled throttle operation is cancelled until the system returns to normal and the ignition switch is turned OFF.

| DTC No. | DTC Detection Condition           | Trouble Area                                                                                                                               |
|---------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| P2118   | Open in ETCS power source circuit | <ul style="list-style-type: none"> <li>• Open in electric throttle control motor and sensor power source circuit</li> <li>• ECM</li> </ul> |

## WIRING DIAGRAM

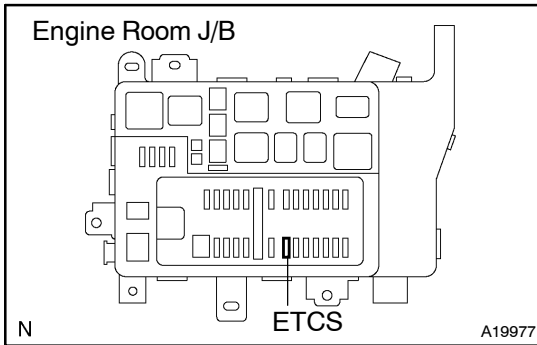


## INSPECTION PROCEDURE

### HINT:

Read freeze frame data using hand-held tester or the OBD II scan tool, as freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, this is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

# 1 Check ETCS fuse.



## PREPARATION:

Remove the ETCS fuse from the engine room J/B.

## CHECK:

Check the continuity of the ETCS fuse.

## OK:

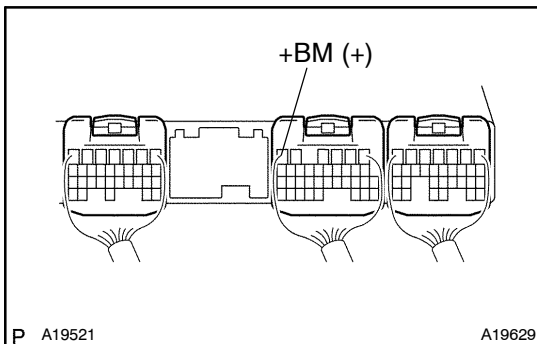
Continuity

NG

Check for short in all harness and components connected to ETCS fuse.

OK

# 2 Check voltage between terminal +BM of ECM connector and body ground.



## PREPARATION:

Remove the glove compartment door (See page [SF-60](#)).

## CHECK:

Measure the voltage between terminal +BM of the ECM connector and body ground.

## OK:

Voltage: 9 - 14 V

OK

Check and replace ECM (See page [IN-36](#)).

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Check and repair harness or connector between battery and ETCS fuse, and ETCS fuse and ECM (See page [IN-36](#)).