

<b>DTC</b>	<b>P2118</b>	<b>Throttle Actuator Control Motor Current Range/Performance</b>
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**CIRCUIT DESCRIPTION**

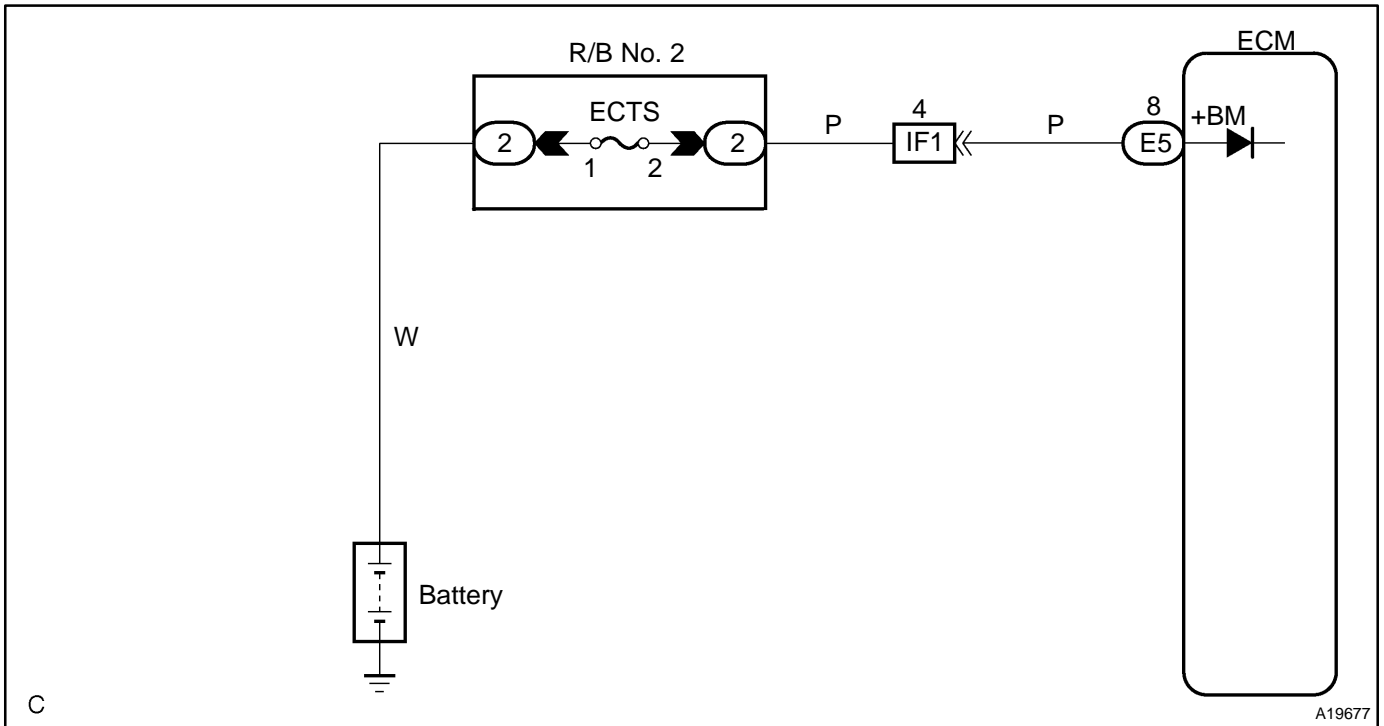
Battery positive voltage is supplied to terminal +BM of the ECM even once when the ignition switch is OFF for the ETCS control system.

If this DTC is stored, the ECM shuts down the power for the ETCS motor and the magnetic clutch, and the ETCS valve is fully closed by the return spring.

However, the opening angle of the ETCS valve can be controlled by the accelerator pedal through the ETCS cable.

DTC No.	DTC Detecting Condition	Trouble Area
P2118	Open in ETCS power source circuit	<ul style="list-style-type: none"> <li>• Open in ETCS power source circuit</li> <li>• ECM</li> </ul>

**WIRING DIAGRAM**

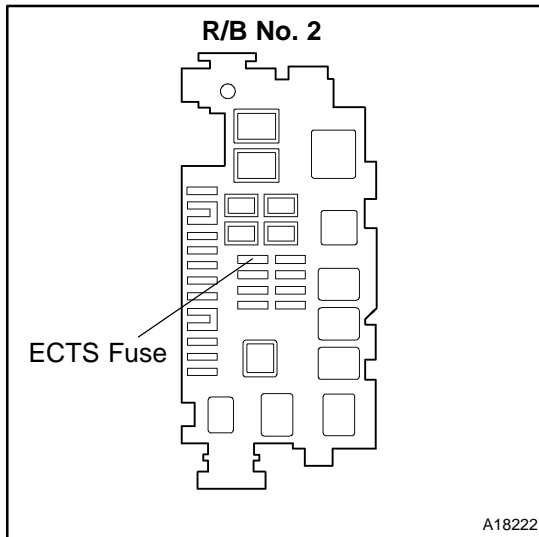


**INSPECTION PROCEDURE**

**HINT:**

Read freeze frame data using the hand-held tester or the OBD II scan tool, as freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, it 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 ECTS fuse.



### **PREPARATION:**

Remove the ECTS fuse from the R/B No. 2.

### **CHECK:**

Check the continuity of the ECTS fuse.

### **OK:**

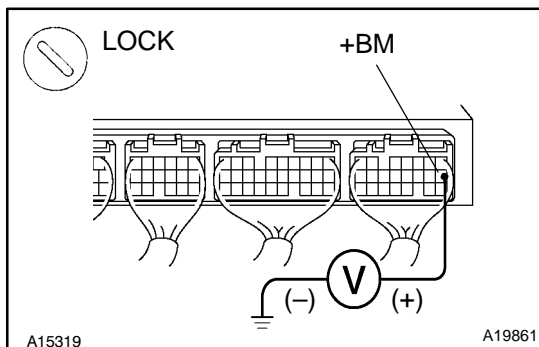
**Continuity**

**NG**

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

**OK**

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



### **PREPARATION:**

Remove the glove compartment (See page [SF-63](#)).

### **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-28](#)).**

**NG**

<b>3</b>	<b>Check harness and connector between battery and ETCS fuse, and ETCS fuse and ECM (See page <a href="#">IN-28</a>).</b>
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<b>NG</b>	<b>Repair or replace harness or connector</b>
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<b>OK</b>
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<b>Check and replace ECM (See page <a href="#">IN-28</a>).</b>
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