

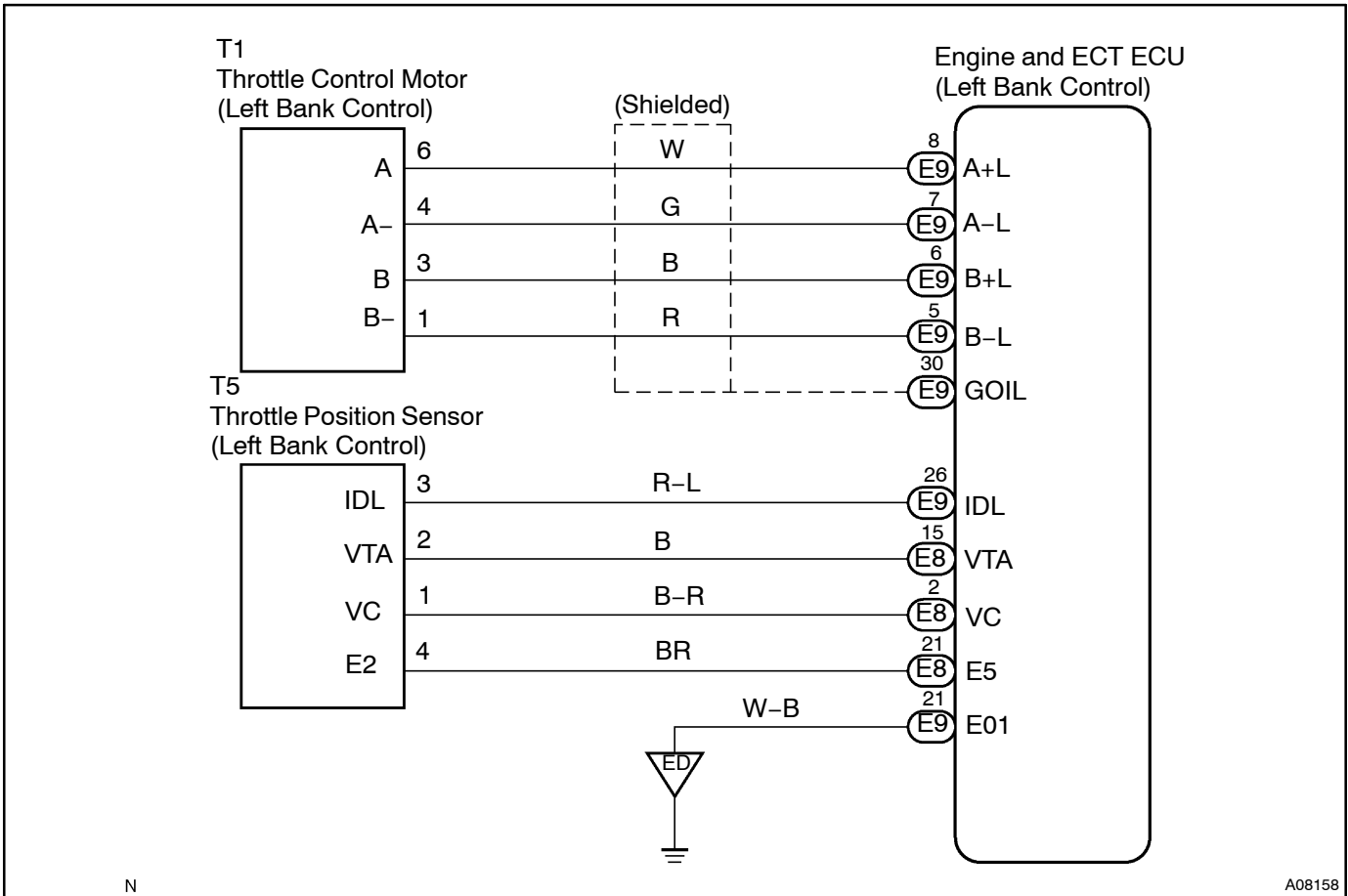
|            |                     |                                       |
|------------|---------------------|---------------------------------------|
| <b>DTC</b> | <b>P1125/21,22*</b> | <b>Throttle Control Motor Circuit</b> |
|------------|---------------------|---------------------------------------|

\*: ETCS trouble code No.

**CIRCUIT DESCRIPTION**

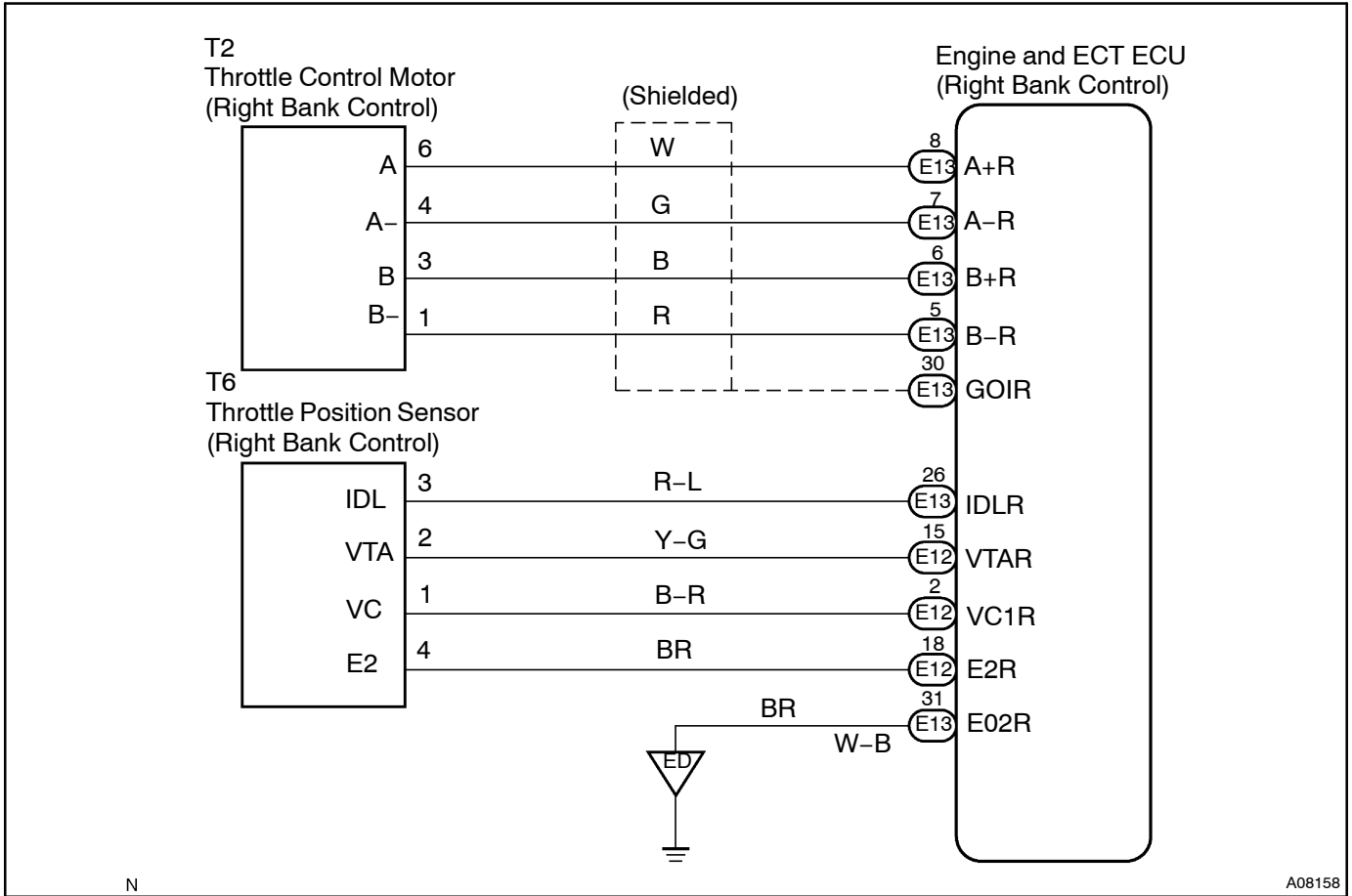
| DTC No.  | DTC Detecting Condition                             | Trouble Area   |
|----------|---|--|
| P1125/21 | Throttle control motor circuit is open or short.    | <ul style="list-style-type: none"> <li>• Throttle control motor</li> <li>• Open or short throttle control motor circuit</li> </ul> |
| P1125/22 | When throttle control motor phase Current is large. | <ul style="list-style-type: none"> <li>• Engine ECU</li> </ul>   |

**WIRING DIAGRAM**



N

A08158

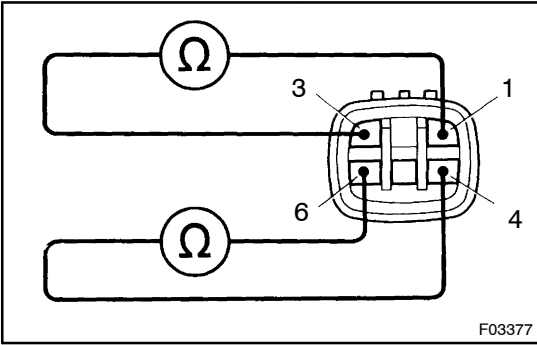


**INSPECTION PROCEDURE**

**HINT:**

LH and RH bank engine ECU detect this DTC code respectively. The inspection procedures are same for both LH and RH bank engine ECU and described in this manual. Even though terminal name and part name on the side of RH bank are described in parenthesis, perform the inspection for only ECU that has detected DTC.

**1 Check throttle control motor.**



**PREPARATION:**

Disconnect throttle control motor connector.

**CHECK:**

Check continuity between each terminal of throttle control motor connector.

**OK:**

|                   |   |
|-------------------|---|
| Terminals 1 and 3 | Continuity<br>(Reference value 0.40 - 0.48 Ω) |
| Terminals 4 and 6 |   |

**NG** Replace throttle body assembly.

**OK**

**2 Check for open and short in harness and connector between engine ECU and throttle control motor (See page IN-20).**

**NG** Repair or replace harness or connector.

**OK**

Check and replace engine ECU (See page IN-20).