

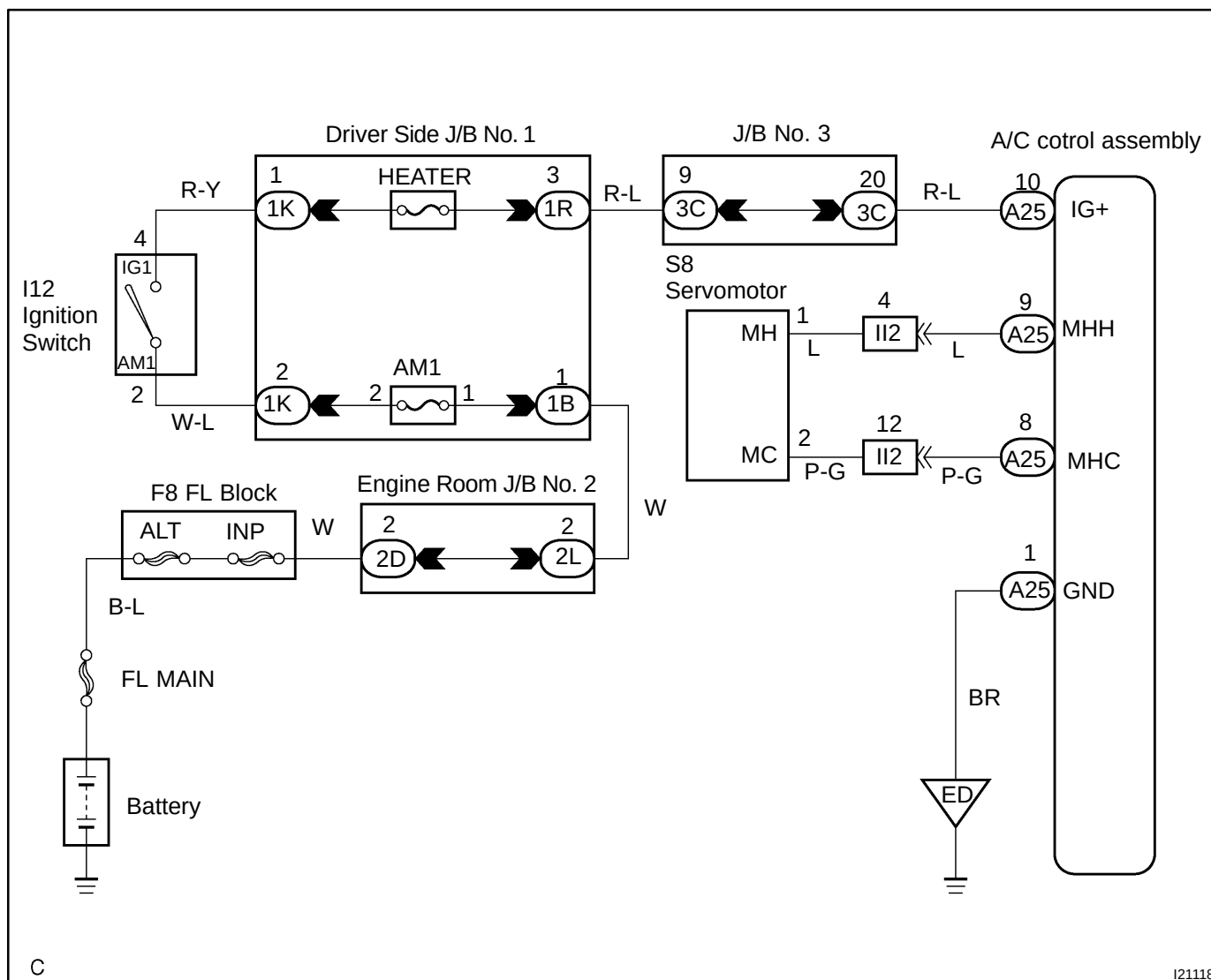
|            |           |                                                       |
|------------|-----------|-------------------------------------------------------|
| <b>DTC</b> | <b>47</b> | <b>Rear Air Mix Damper Control Servomotor Circuit</b> |
|------------|-----------|-------------------------------------------------------|

## CIRCUIT DESCRIPTION

The rear air mix damper control servomotor is controlled by the A/C control assembly and moves the air mix damper to the desired position.

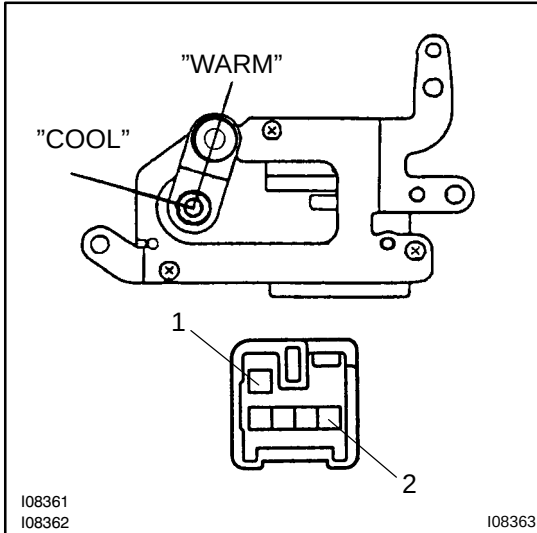
| DTC No. | Detection Item                                                                                                                | Trouble Area                                                                                                                                                                                                                                                               |
|---------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 47      | Air mix damper position sensor value does not change even if A/C control assembly operates air mix damper control servomotor. | <ul style="list-style-type: none"> <li>• Rear air mix damper control servomotor</li> <li>• Rear air mix damper position sensor</li> <li>• Harness or connector between rear air mix control servomotor and A/C control assembly</li> <li>• A/C control assembly</li> </ul> |

## WIRING DIAGRAM



C

I21118

**INSPECTION PROCEDURE****1 Check rear air mix damper control servomotor.****PREPARATION:**

Remove the rear air mix damper control servomotor (See page [AC-50](#) ).

**CHECK:**

Connect positive (+) lead to terminal 1 and negative (-) lead to terminal 2.

**OK:**

The lever turns smoothly to "WARM" side.

**CHECK:**

Connect positive (+) lead to terminal 2 and negative (-) lead to terminal 1.

**OK:**

The lever turns smoothly to "COOL" side.

**NG**

Replace rear air mix damper control servomotor assembly.

**OK****2 Check harness and connector between A/C control assembly and rear air mix damper control servomotor assembly (See page [IN-31](#) ).****NG**

Repair or replace harness or connector.

**OK**

Check and replace A/C control assembly.