

## CIRCUIT INSPECTION

<b>DTC</b>	<b>51</b>	<b>ABS Pump Motor Lock</b>
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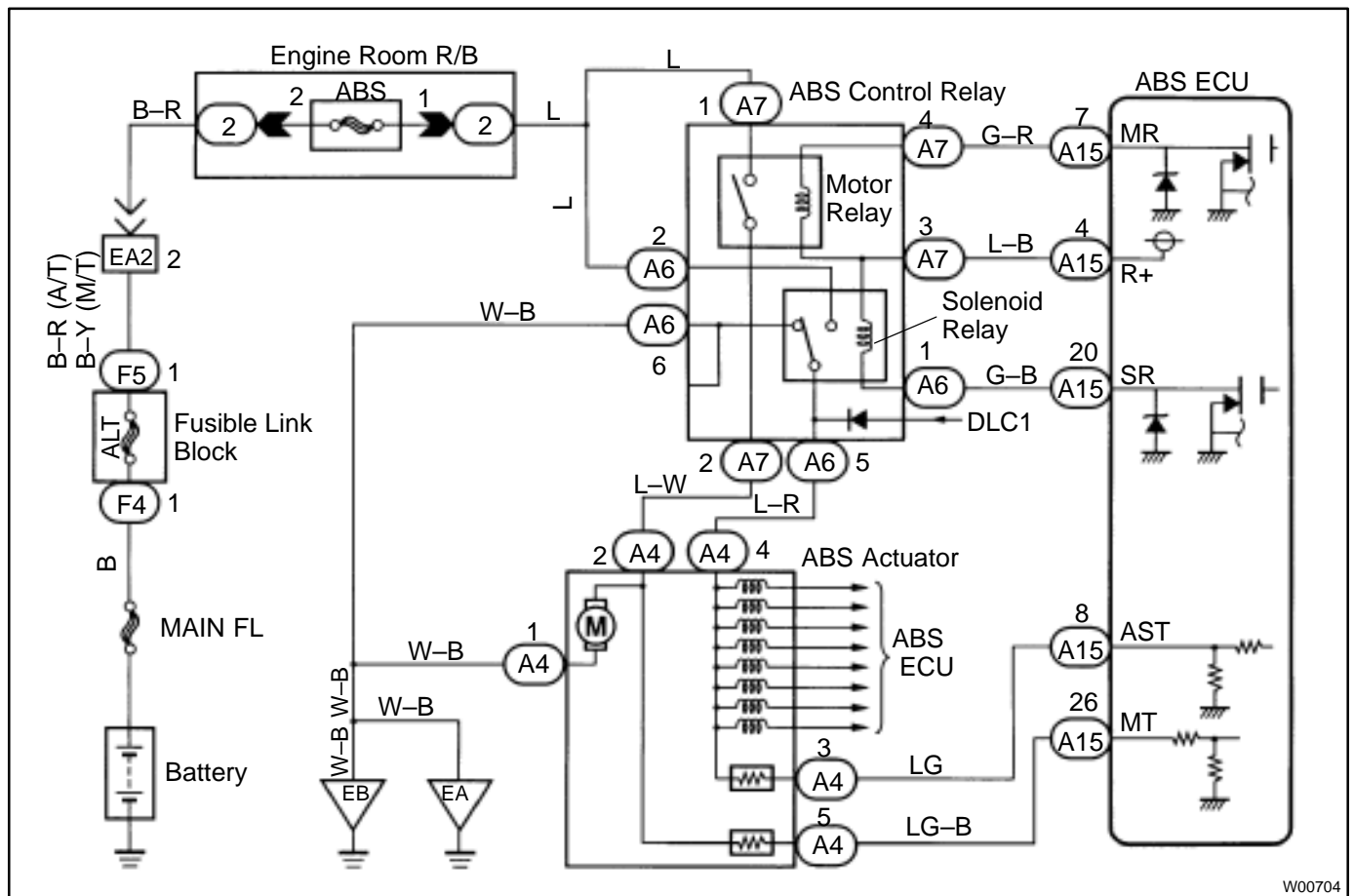
## CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
51	Pump motor is not operating normally during initial check.	• ABS pump motor

Fail safe function:

If trouble occurs in the ABS pump motor, the ECU cuts off the current to the ABS control (solenoid) relay and prohibits ABS control.

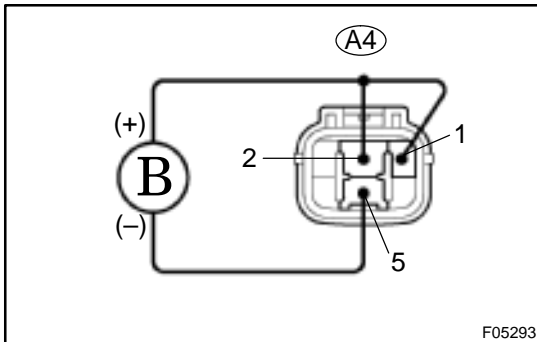
## WIRING DIAGRAM



W00704

## INSPECTION PROCEDURE

## 1 Check operation of pump motor.

**PREPARATION:**

Disconnect ABS actuator connector.

**CHECK:**

Connect battery positive  $\oplus$  lead to terminals A4 – 1 and A4 – 2 and negative  $\ominus$  lead to terminal A4 – 5 of the ABS actuator connector, check that the pump motor is operated.

**NOTICE:**

When connecting the terminals, connect in the order of A4 – 5, 2 and 1 and when disconnecting them, disconnect in the reverse order of connection.

If performing them in the wrong order, ABS actuator might be damaged.

**OK:**

The running sound of the pump motor should be heard.

NG

Replace ABS actuator.

OK

2 Check for open circuit in harness and connector between ABS actuator, ECU and body ground (See page [IN-27](#)).

NG

Repair or replace harness or connector.

OK

Replace ABS ECU.