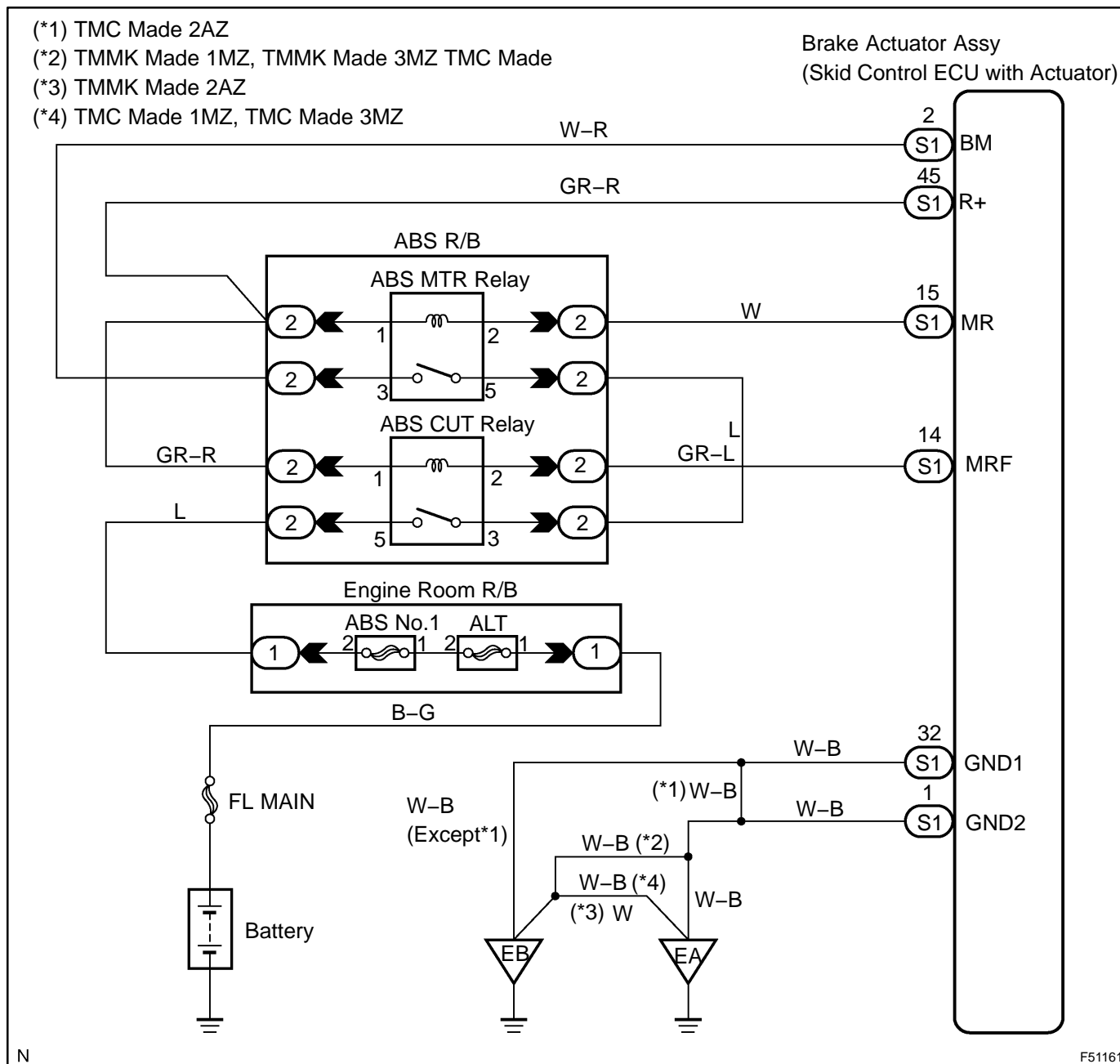


| | | |
|------------|-----------------|---|
| DTC | C1251/51 | PUMP MOTOR IS LOCKED/OPEN CIRCUIT IN PUMP MOTOR GROUND |
|------------|-----------------|---|

CIRCUIT DESCRIPTION

| DTC No. | DTC Detecting Condition | Trouble Area |
|----------|---|---------------------|
| C1251/51 | <ul style="list-style-type: none"> Actuator pump motor does not operate properly. Open in actuator pump motor circuit continues for at least 2 sec. | Brake actuator assy |

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the brake actuator assy, perform zero point calibration (see page 05-987).

1 PERFORM ACTIVE TEST BY HAND-HELD TESTER(MOTOR RELAY)

- (a) Connect the hand-held tester to the DLC3.
- (b) Start the engine.
- (c) Select ACTIVE TEST mode on the hand-held tester.
- (d) Check for operation sound of the ABS motor individually when operating it with the hand-held tester.

| Item | Vehicle Condition / Test Details | Vehicle Condition / Test Details |
|---------------|----------------------------------|----------------------------------|
| ABS MOT RELAY | ABS motor relay / ON/OFF | ON: Motor relay ON |

OK:

The operation sound of the ABS motor should be heard.

NG

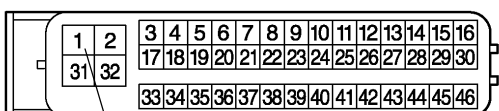
Go to step 2

OK

REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32-63)

2 INSPECT HARNESS AND CONNECTOR(GND2 OF SKID CONTROL ECU AND BODY GROUND)

Skid Control ECU
(harness side connector) S1



- (a) Disconnect the skid control ECU connector S1.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

| Tester Connection | Specified Condition |
|---------------------------|---------------------|
| S1-1 (GND2) - Body ground | Below 1 Ω |

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 RECONFIRM DTC

- (a) Clear the DTCs (see page 05-1002).
- (b) Turn the ignition switch to the ON position.
- (c) Are the same DTCs recorded? (see page 05-1002)

HINT:

It is suspected that the DTCs output was caused by poor connection of the connector terminal.

NO

END

YES

REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32-63)