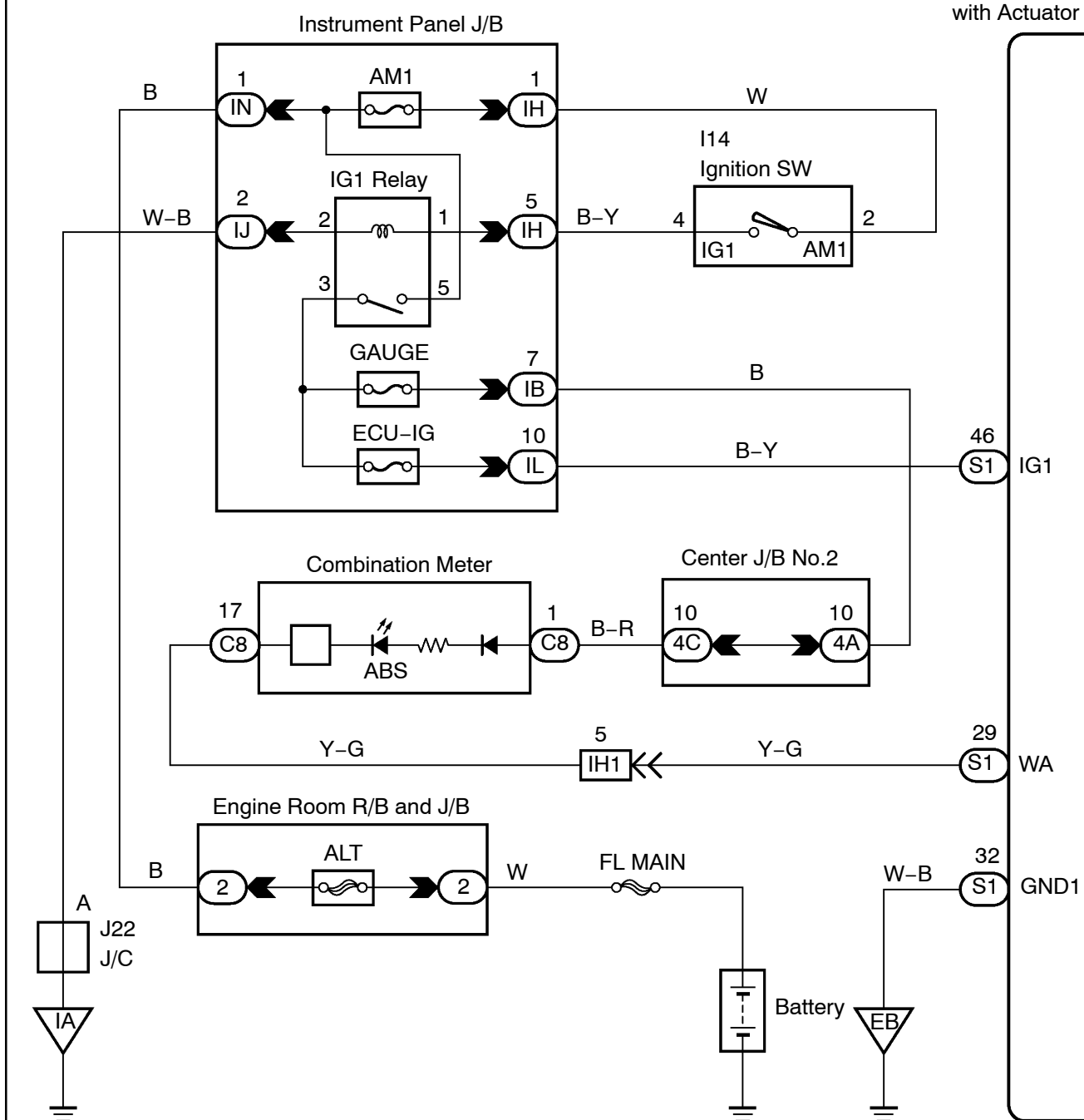


RHD:

Skid Control ECU
with Actuator

N

F48260

INSPECTION PROCEDURE

1 CHECK DTC

- (a) Is DTC output for ABS?

Result:

DTC is not output	A
DTC is output	B

B

REPAIR CIRCUIT INDICATED BY OUTPUT CODE

A

2 INSPECT SKID CONTROL ECU CONNECTOR

- (a) Check the ECU connector's connecting condition.

OK:

The connector should be securely connected.

NG

CONNECT CONNECTOR TO ECU CORRECTLY

OK

3 INSPECT BATTERY

- (a) Check the battery voltage.

Standard:

Voltage: 11 to 14 V

NG

INSPECT CHARGING SYSTEM

OK

4 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)

WHEN USING INTELLIGENT TESTER II:

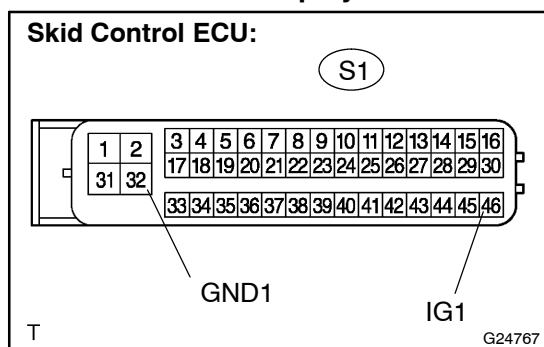
- Connect the intelligent tester II to the DLC3.
- Start the engine.
- Select the DATA LIST mode on the intelligent tester II.

Item	Measurement Item / Range (Display)	Normal Condition
ECU IG Power Voltage	ECU power supply voltage / UNDER / NORMAL	NORMAL: 9.5 V or over UNDER: Below 9.5 V

- Read the voltage condition output from the ECU displayed on the intelligent tester II.

OK:

"Normal" is displayed.



WHEN NOT USING INTELLIGENT TESTER II:

- Disconnect the skid control ECU S1 connector.
- Turn the ignition switch to the ON position.
- Measure the voltage according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-46 (IG1) - S1-32 (GND1)	11 to 14 V

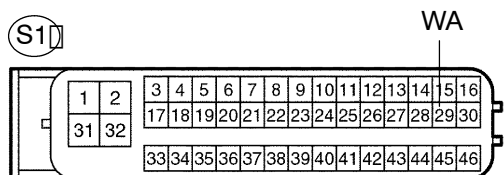
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

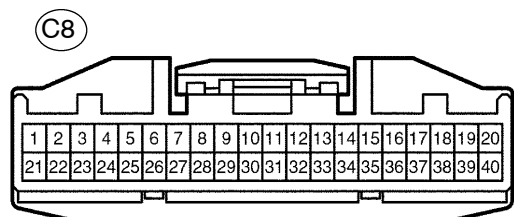
OK

5 CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - COMBINATION METER)

Skid Control ECU:



Combination Meter:



P

F48261

(a) Disconnect the skid control ECU S1 connector and combination meter C8 connector.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-29(WA) - C8-17	Below 1 Ω
S1-29(WA) - Body ground	10 kΩ or higher

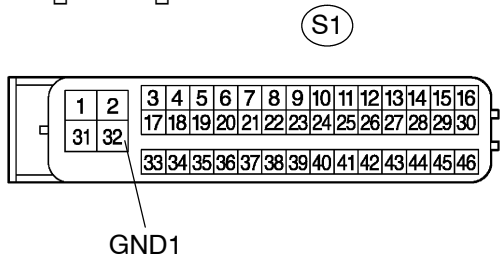
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6 CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - BODY GROUND)

Skid Control ECU:



T

G24767

(a) Disconnect the skid control ECU S1 connector.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-32(GND1) - Body ground	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-20)

NOTICE:

When replacing the ABS & TRACTION actuator assy, perform zero point calibration (see page 05-610).