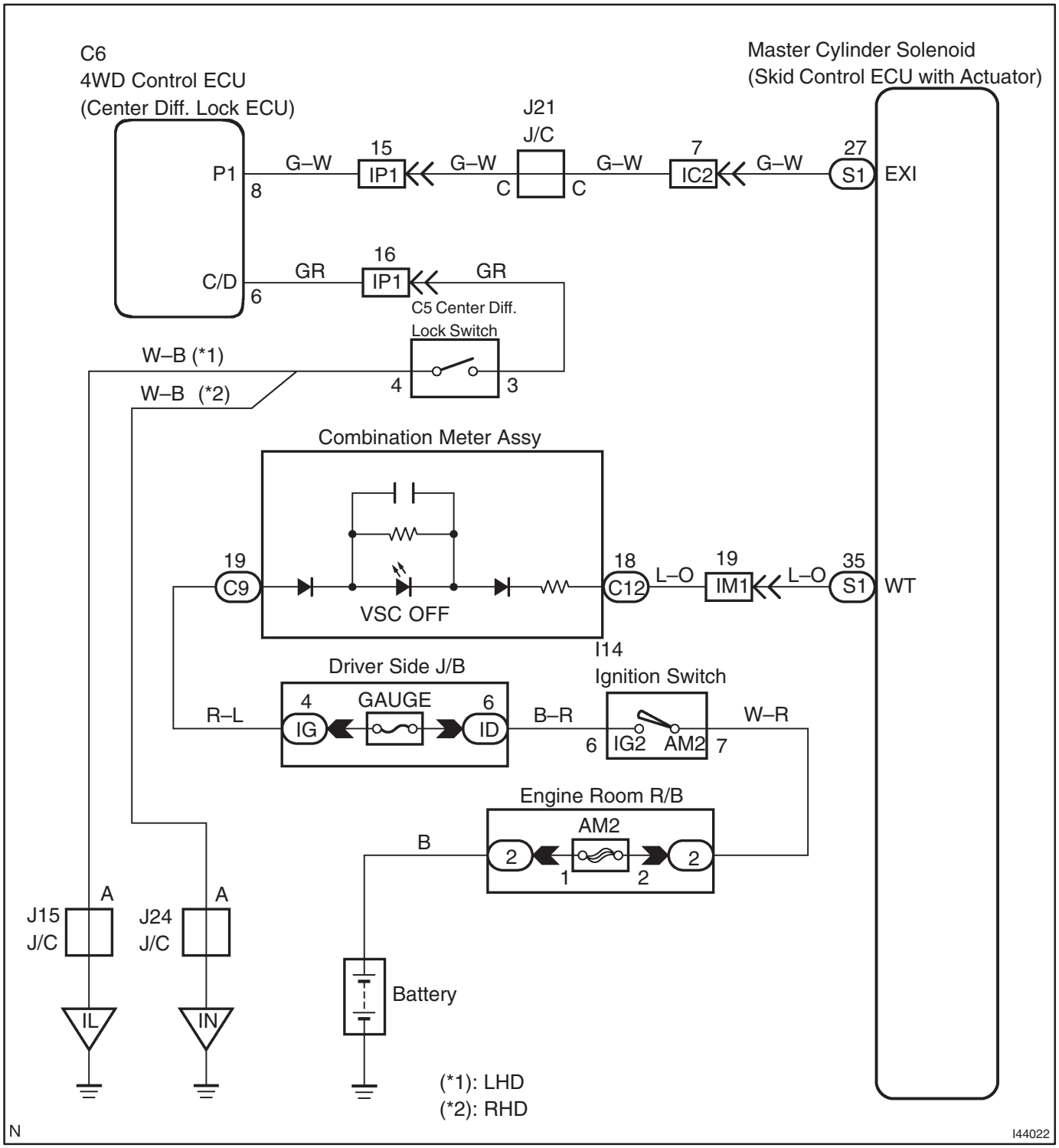
VSC OFF INDICATOR LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

When the center differential is locked, VSC control turns off and the VSC OFF indicator illuminates.

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (see page 05–744).

1 CHECK DTC

(a) Check the DTCs (see page 05–766).

Result:

DTC is not output	A
DTC is output	B

B → **REPAIR CIRCUIT ACCORDING TO OUTPUT CODE (SEE PAGE 05–776)**

A

2 INSPECT IF SKID CONTROL ECU CONNECTOR IS SECURELY CONNECTED

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

OK:

The connector should be securely connected.

NG → **CONNECT CONNECTOR TO ECU**

OK

3 INSPECT BATTERY

(a) Check the battery voltage.

Standard:

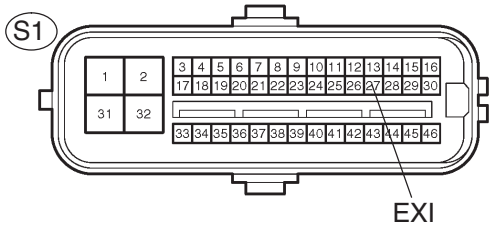
Voltage: 11 to 14 V

NG → **GO TO CHARGING SYSTEM (SEE PUB. NO. RM1017E, PAGE 19–6) (SEE PUB. NO. RM990E, PAGE 19–36)**

OK

4 INSPECT SKID CONTROL ECU (EXI TERMINAL VOLTAGE)

Skid Control ECU (Wire Harness Side)
Connector Front View:



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

Standard:

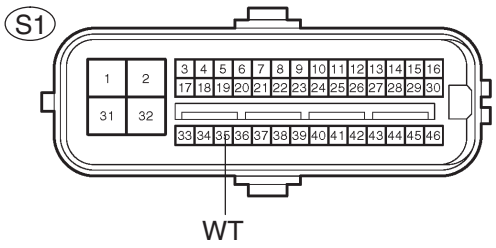
Tester Connection	Condition	Specified Condition
S1–27 (EXI) – Body ground	Center diff. free	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (EXI CIRCUIT)**

OK

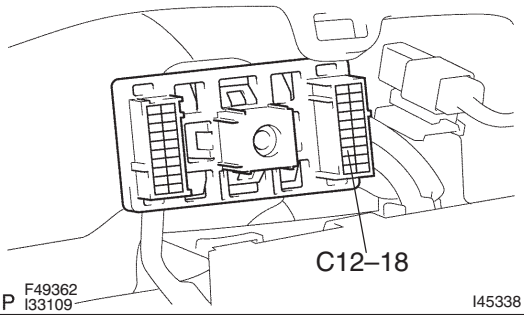
5	CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU AND COMBINATION METER) (SEE PAGE 01–26)

Skid Control ECU (Wire Harness Side)
Connector Front View:



N

Combination Meter (Right Side of the Vehicle)
Connector Front View:



(a) Disconnect the combination meter connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1–35 (WT) – C12–18	Below 1 Ω
S1–35 (WT) – Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

6	INSPECT COMBINATION METER ASSY

(a) Check the combination meter system (see page 05–1413).

NG → **REPLACE COMBINATION METER ASSY (SEE PUB. NO. RM990E, PAGE 71–24)**

OK

REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)