

AUTO LSD Indicator Light Remains ON**DESCRIPTION**

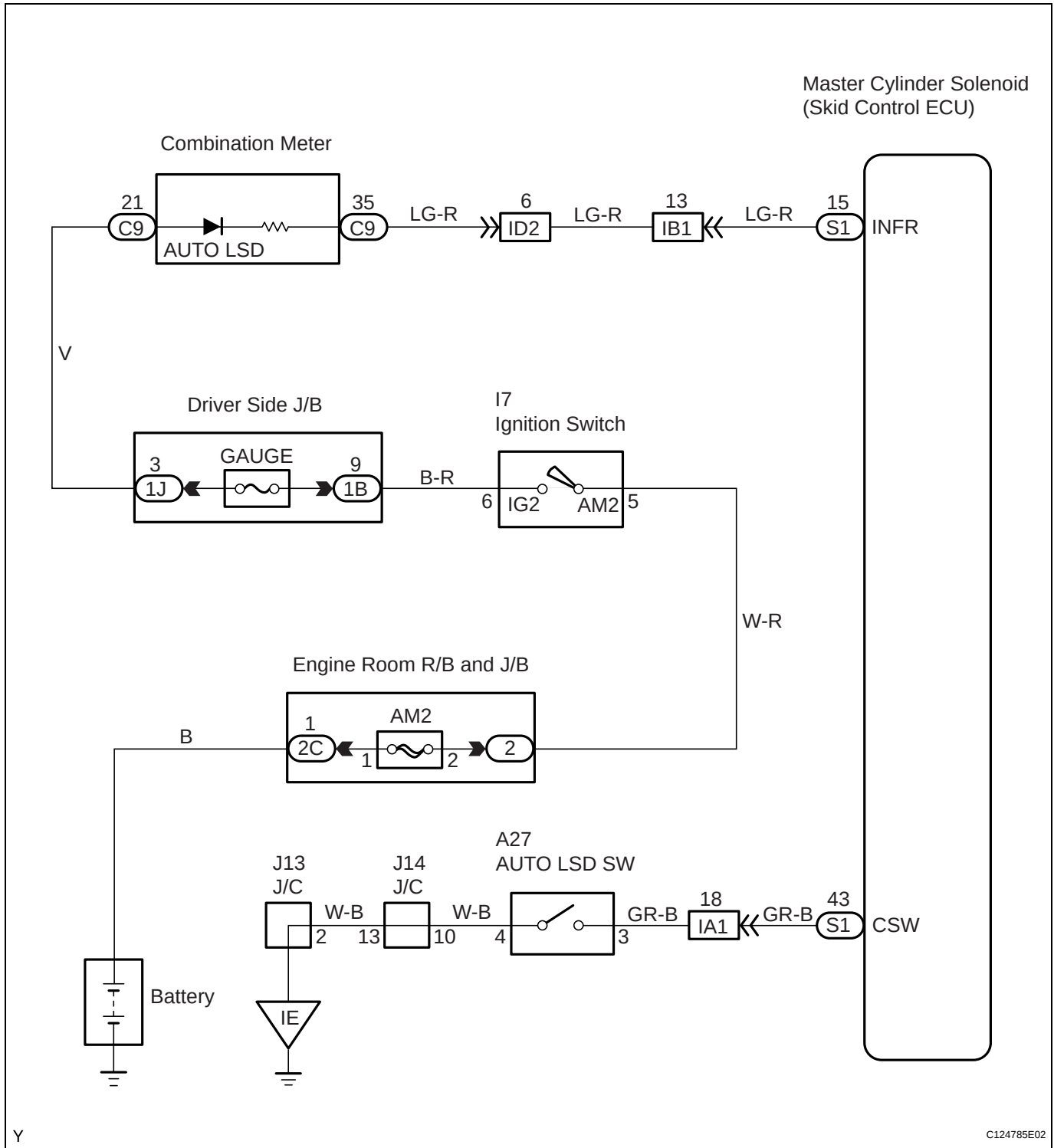
This is the AUTO LSD main switch. When the AUTO LSD switch is pushed on, the AUTO LSD function is available and the AUTO LSD indicator light illuminates.

HINT:

The AUTO LSD does not operate even if the AUTO LSD switch is pressed under the following conditions:

- TRAC or VSV system is faulty.
- Temperature inside the hydraulic brake booster increases and the AUTO LSD operation is suspended.

WIRING DIAGRAM

**1****CHECK SKID CONTROL ECU CONNECTOR**

(a) Check the ECU Connector's connecting condition.

OK:**The connector is securely connected.****NG****CONNECT CONNECTOR CORRECTLY**

OK

2 INSPECT BATTERY

(a) Check the battery voltage.

Standard:

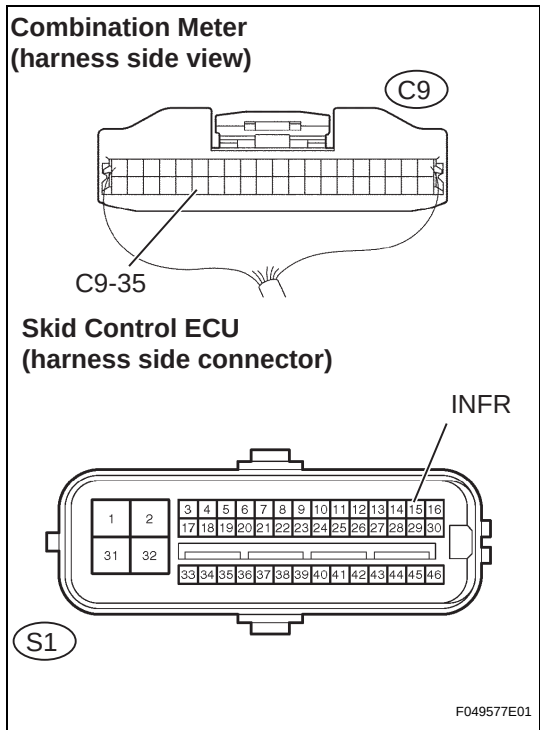
11 to 14 V

NG

INSPECT CHARGING SYSTEM

OK

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



- (a) Disconnect the skid control ECU connector.
- (b) Disconnect the combination meter connector.
- (c) Measure the resistance.

Standard

Tester Connection	Specified Condition
S1-15 (INFR) - C9-35	Below 1 Ω
S1-15 (INFR) - Body ground	10 kΩ or higher

- (d) Reconnect the combination meter connector.
- (e) Reconnect the skid control ECU connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

BC

OK

4 INSPECT COMBINATION METER ASSEMBLY

(a) Check the combination meter system (See page ME-8).

OK:

Combination meter is normal.

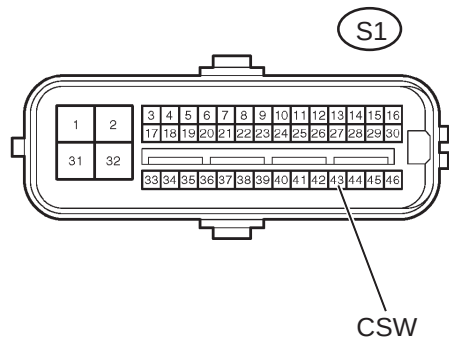
NG

REPLACE COMBINATION METER ASSEMBLY

OK

5 INSPECT SKID CONTROL ECU (CSW TERMINAL)

Skid Control ECU
(harness side connector):



- (a) Disconnect the skid control ECU connector.
- (b) Ground terminal CSW of the skid control ECU.

Standard

Tester Connection	Condition	Specified Condition
S1-43 (CSW) - Body ground	AUTO LSD switch not pushed in	10 k Ω or higher

- (c) Reconnect the skid control ECU connector.

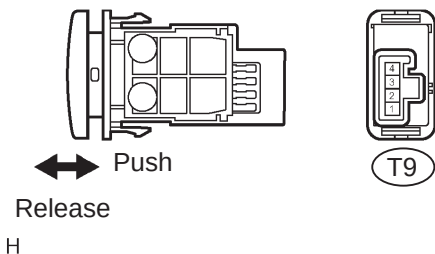
OK

REPLACE MASTER CYLINDER SOLENOID

NG

6 INSPECT AUTO LSD SWITCH

AUTO LSD Switch:



- (a) Remove the AUTO LSD switch.
- (b) Disconnect the AUTO LSD switch connector.
- (c) Measure the resistance.

Standard

Tester Connection	Switch Condition	Specified Condition
T9-3 - T9-4	Released	10 k Ω or higher
T9-3 - T9-4	Released	Below 1 Ω

- (d) Reconnect the AUTO LSD switch connector.
- (e) Reinstall the AUTO LSD switch.

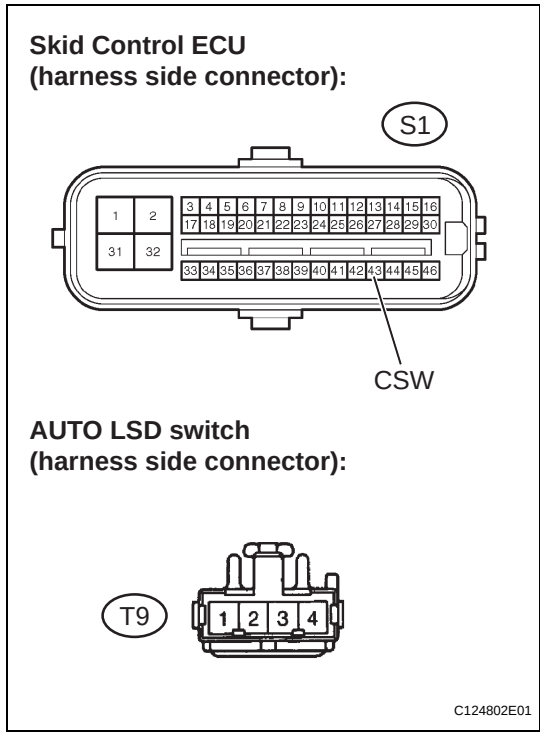
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REPLACE AUTO LSD SWITCH

OK

7

CHECK HARNESS AND CONNECTOR (AUTO LSD SWITCH CIRCUIT)



- (a) Disconnect the skid control ECU connector.
- (b) Disconnect the AUTO LSD connector.
- (c) Measure the resistance.

Standard

Tester Connection	Specified Condition
S1-43 (CSW) - T9-3	Below 1 Ω
S1-43 (CSW) - Body ground	10 kΩ or higher
T9-3 - Body ground	Below 1 Ω

- (d) Reconnect the AUTO LSD connector.
- (e) Reconnect the skid control ECU connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

BC

REPLACE MASTER CYLINDER SOLENOID