

**AUTO LSD Indicator Light Remains ON****DESCRIPTION**

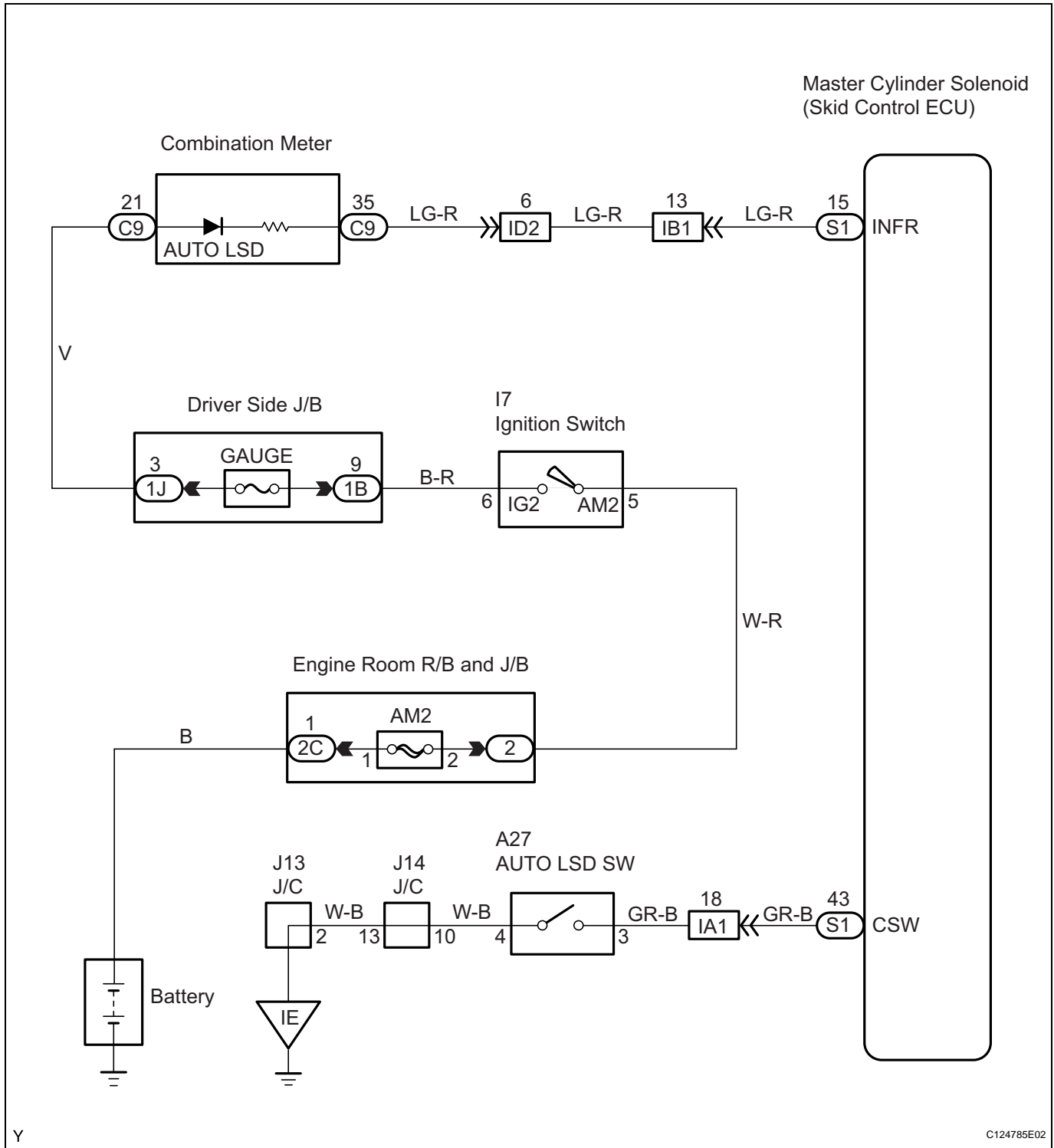
This is the AUTO LSD main switch. When the AUTO LSD switch is pushed on, the AUTO LSD function is available and the AUTO LSD indicator light illuminates.

**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

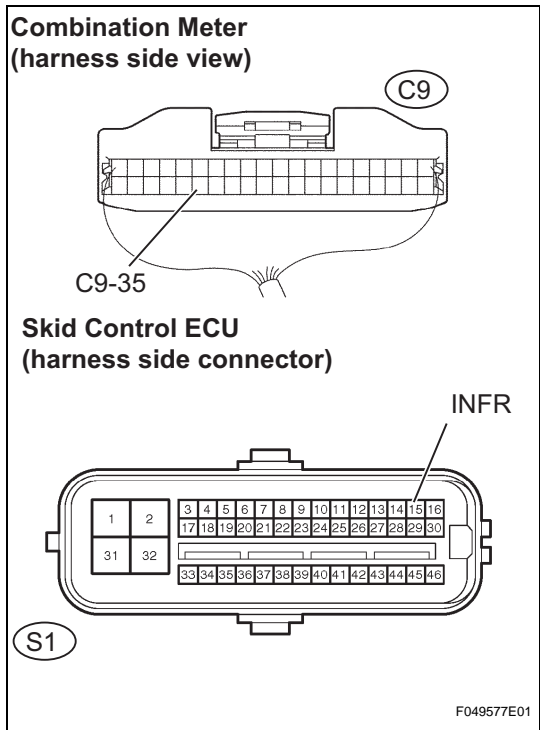
NG

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

OK

4

INSPECT COMBINATION METER ASSEMBLY

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

**OK:**  
Combination meter is normal.

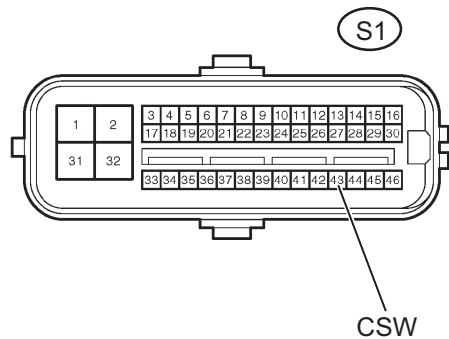
NG

REPLACE COMBINATION METER ASSEMBLY

OK

**5 INSPECT SKID CONTROL ECU (CSW TERMINAL)**

Skid Control ECU  
(harness side connector):



C121700E26

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

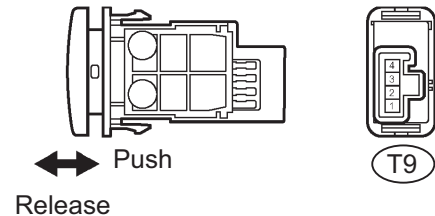
**Standard**

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

- (c) Reconnect the skid control ECU connector.

**OK****REPLACE MASTER CYLINDER SOLENOID****NG****6 INSPECT AUTO LSD SWITCH**

AUTO LSD Switch:



H

I044044E01

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

**Standard**

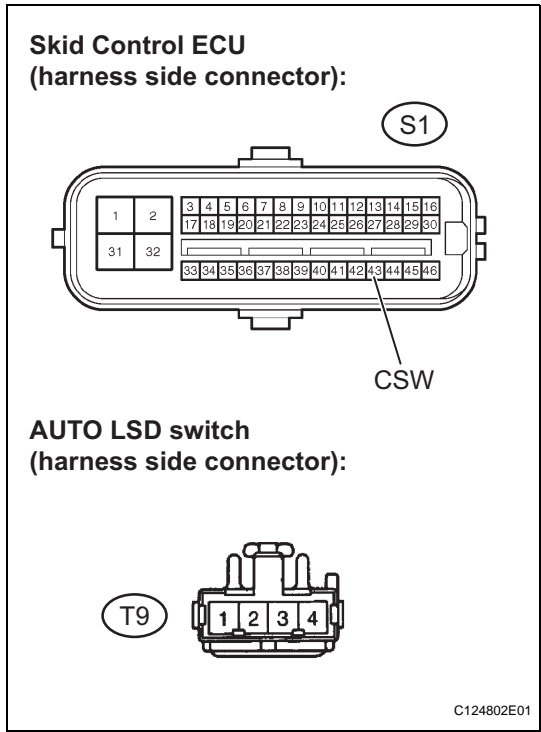
Tester Connection	Switch Condition	Specified Condition
T9-3 - T9-4	Released	10 k $\Omega$ or higher
T9-3 - T9-4	Released	Below 1 $\Omega$

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

**NG****REPLACE AUTO LSD SWITCH****OK****BC**

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