

AUTO LSD Indicator Light does not Come ON

DESCRIPTION

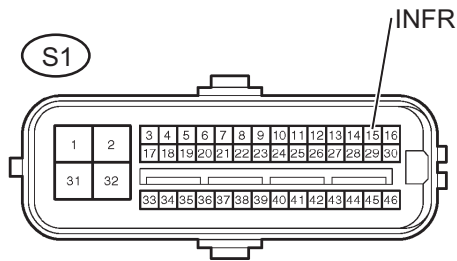
See page [BC-278](#).

WIRING DIAGRAM

See page [BC-279](#).

1 CHECK AUTO LSD INDICATOR LIGHT

Skid Control ECU
(harness side connector):



C121700E27

- (a) Disconnect the skid control ECU connector.
- (b) Turn the ignition switch to the ON position.
- (c) Ground terminal INFR of the skid control ECU.
- (d) Check the AUTO LSD indicator light.

OK

| INFR - GND Condition | Illumination Condition |
|----------------------|------------------------|
| Connecting | OFF |
| Disconnecting | ON |

- (e) Turn the ignition switch to OFF.
- (f) Reconnect the skid control ECU connector.

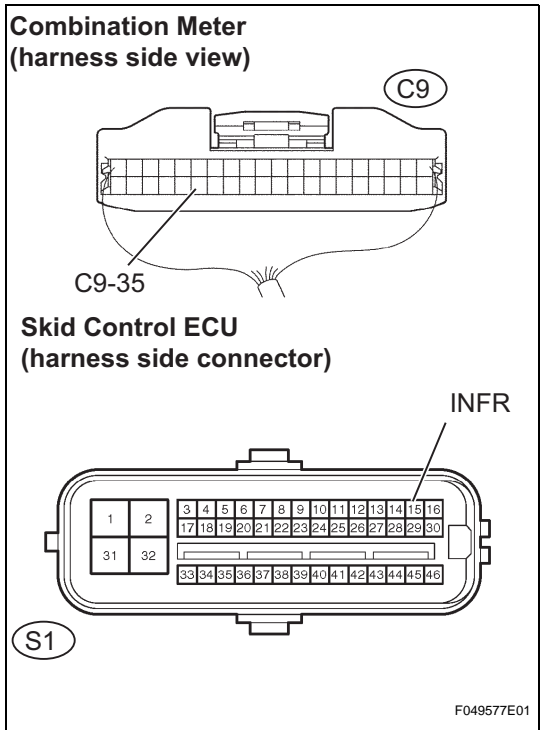
OK

REPLACE MASTER CYLINDER SOLENOID

NG

BC

2 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

BC 3 INSPECT COMBINATION METER ASSEMBLY

- (a) Check the combination meter system (see page 05-1917).

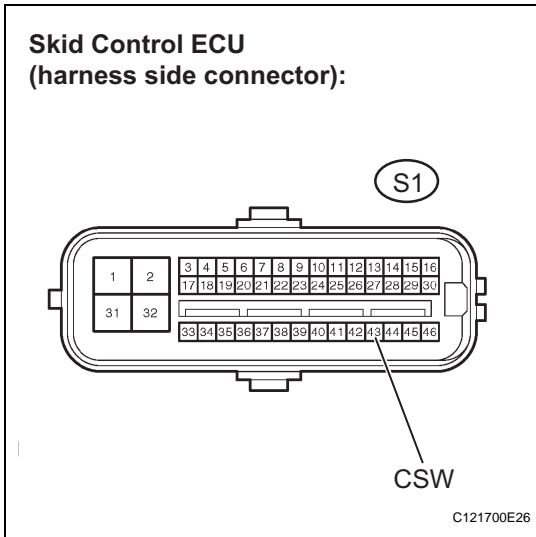
OK:

Combination meter is normal.

NG REPLACE COMBINATION METER ASSEMBLY

OK

4 INSPECT SKID CONTROL ECU (CSW TERMINAL)



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

Standard

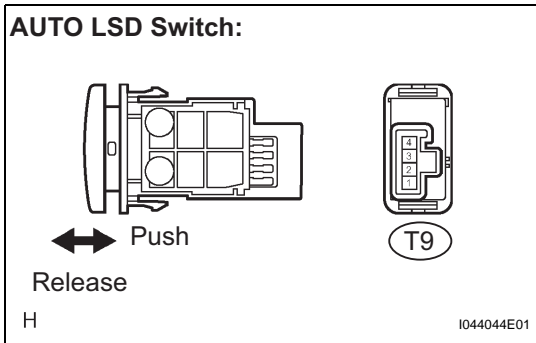
| Tester connection | Condition | Specified Condition |
|---------------------------|-------------------------------|---------------------|
| S1-43 (CSW) - Body ground | Auto LSD switch not pushed in | 10 kΩ or higher |

- (c) Reconnect the skid control ECU connector.

OK → **REPLACE MASTER CYLINDER SOLENOID**

NG

5 INSPECT AUTO LSD SWITCH



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

Standard

| Tester Connection | Switch Condition | Specified Condition |
|-------------------|------------------|---------------------|
| T9-3 - T9-4 | Released | 10 kΩ or higher |
| T9-3 - T9-4 | Pushed in | Below 1 Ω |

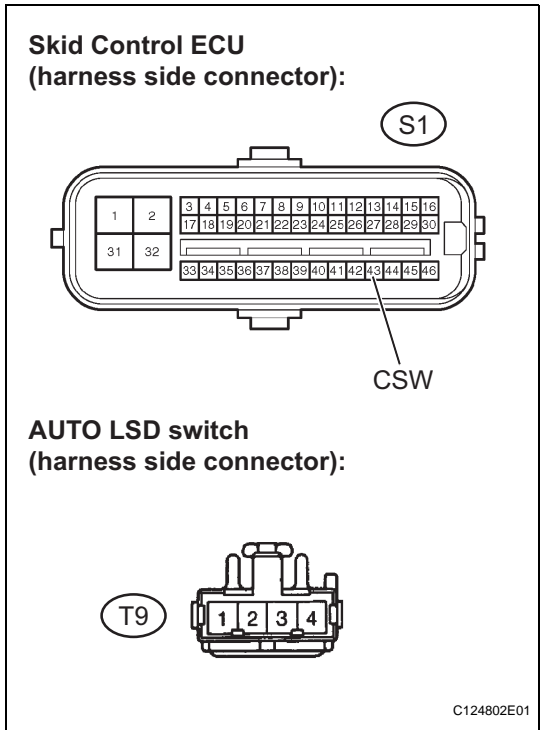
- (d) Reconnect the AUTO LSD switch connector.
- (e) Reinstall the AUTO LSD switch.

NG → **REPLACE AUTO LSD SWITCH**

OK

BC

6 CHECK HARNESS AND CONNECTOR (AUTO LSD SWITCH CIRCUIT)



(a) Disconnect the skid control ECU connector and the AUTO LSD switch connector.

(b) 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 |
| T9-4 - Body ground | Below 1 Ω |

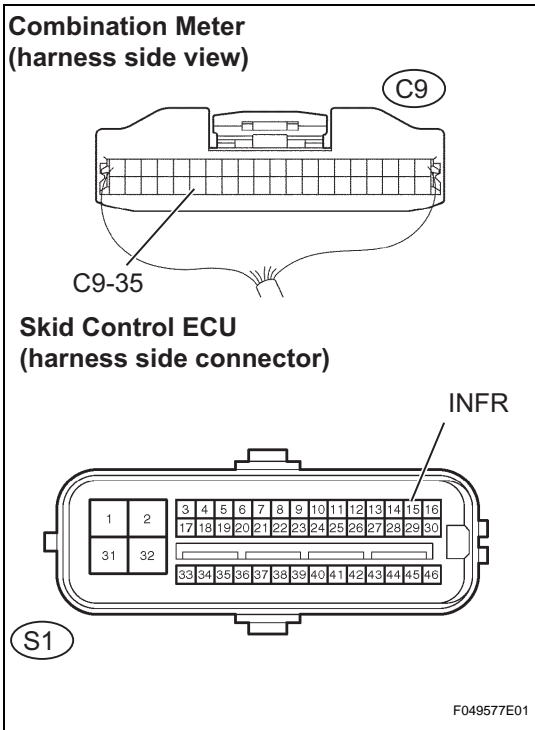
(c) Reconnect the skid control ECU connector and the AUTO LSD switch connector.

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

OK

BC REPLACE MASTER CYLINDER SOLENOID

7 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

8 INSPECT COMBINATION METER ASSEMBLY

BC

- (a) Check the combination meter system (See page ME-8).
- OK:**
Combination meter is normal.

NG REPLACE COMBINATION METER ASSEMBLY

OK

CHECK FOR INTERMITTENT PROBLEMS