Slip Indicator Light does not Come ON

DESCRIPTION

The skid control ECU is connected to the combination meter via CAN and multiplex communications.
The SLIP indicator blinks during VSC and/or TRAC operation.
When the system fails, the SLIP indicator comes on to warn the driver.

WIRING DIAGRAM

Refer to Slip Indicator Light Remains ON (See page BC-164).

INSPECTION PROCEDURE

NOTICE:
When replacing the brake actuator assembly, perform zero point calibration (See page BC-70).

1 CHECK CAN COMMUNICATION SYSTEM

(a) Check if the CAN communication system DTC is output (See page CA-17).

Result

Result	Proceed to
CAN communication system DTC is not output	A
CAN communication system DTC is output	B

B → INSPECT CAN COMMUNICATION SYSTEM

A

2 CHECK MULTIPLEX COMMUNICATION SYSTEM

(a) Check if the multiplex communication system DTC is output (See page MP-14).

Result

Result	Proceed to
Multiplex communication system DTC is not output	A
Multiplex communication system DTC is output	B

B → INSPECT MULTIPLEX COMMUNICATION SYSTEM

A

3 CHECK SLIP INDICATOR LIGHT

(a) Connect the intelligent tester to the DLC3.
(b) Start the engine.
(c) Select the Active Test mode on the intelligent tester (See page BC-85).

ABS / VSC:

Tester Display	Test Part	Control Range	Diagnostic Note
SLIP INDI LIGHT	SLIP indicator light	Indicator light ON / OFF	Observe combination meter

(d) Check that "ON" and "OFF" of the SLIP indicator light are indicated on the combination meter when using the intelligent tester.

OK:

The SLIP indicator light turns on or off in accordance with the intelligent tester.

HINT:

If troubleshooting has been carried out according to the Problem Symptoms Table, refer back to the table and proceed to the next step before replacing the part (See page BC-79).

NG → **Go to step 4**

OK →

REPLACE BRAKE ACTUATOR ASSEMBLY

4	INSPECT COMBINATION METER ASSEMBLY

(a) Turn the ignition switch off.

(b) Perform Active Test of the combination meter (meter CPU) using the intelligent tester (See page ME-19).

OK:

The SLIP indicator light turns on or off in accordance with the intelligent tester.

HINT:

If troubleshooting has been carried out according to the Problem Symptoms Table, refer back to the table and proceed to the next step (See page BC-79).

NG → **REPLACE COMBINATION METER ASSEMBLY**

OK →

REPLACE BRAKE ACTUATOR ASSEMBLY