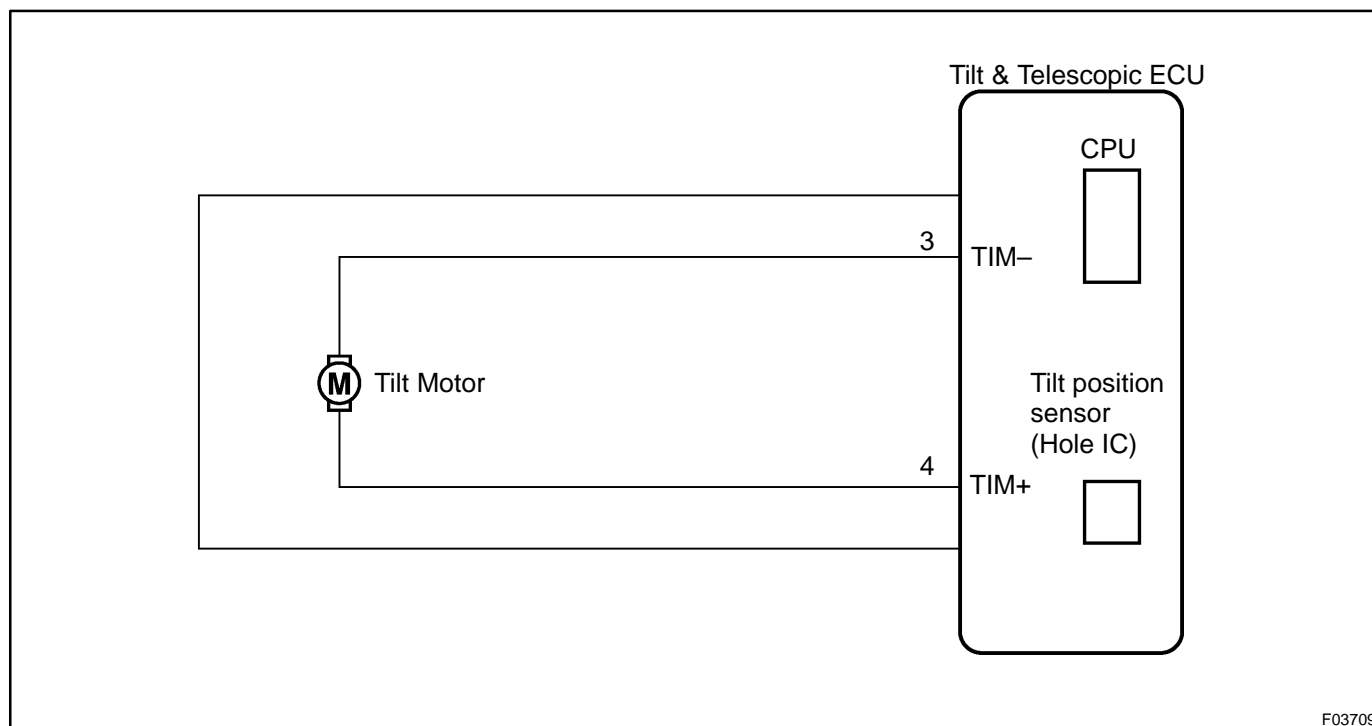


Tilt Motor Circuit

CIRCUIT DESCRIPTION

The ECU provided both +B and ground for the tilt motor.
Reversing polarity of the applied voltage reverses the motor.

WIRING DIAGRAM

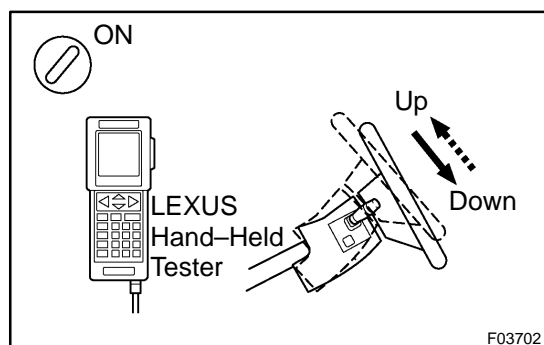


INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 in case of using the LEXUS hand-held tester and start from step 2 in case of not using the LEXUS hand-held tester.

1 Check Tilt Motor operation using LEXUS hand-held tester.



PREPARATION:

- Connect the LEXUS hand-held tester to the DLC3.
- Turn ignition switch ON and push the LEXUS hand-held tester main switch ON.
- Select the ACTIVE TEST mode on the LEXUS hand-held tester.

CHECK:

Check that the steering wheel tilt up (down) when the ACTIVE TEST carried out.

OK:

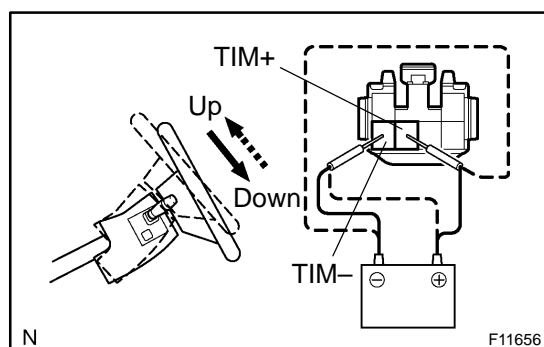
Steering wheel must be moved upward (downward).

OK

Proceed to next circuit inspection shown on the problem symptom table (See page DI-622).

NG

2 Check Tilt Motor.



PREPARATION:

Disconnect tilt motor connector.

CHECK:

Connect positive \oplus (negative \ominus) terminal to terminal TIM + of the tilt motor connector and negative \ominus (positive \oplus) terminal to terminal TIM -. Then confirm that steering wheel tilt up (down).

| | TIM+ | TIM- |
|-----------|-----------|-----------|
| Tilt UP | \oplus | \ominus |
| Tilt DOWN | \ominus | \oplus |

NG

Replace tilt motor.

OK

| | |
|---|--|
| 3 | Check for open and short circuit harness and connector between tilt and telescopic ECU and tilt motor (See page IN-32). |
|---|--|

NG

Repair or replace harness or connector.

OK

Proceed to next circuit inspection shown on the problem symptom table (See page [DI-622](#)).