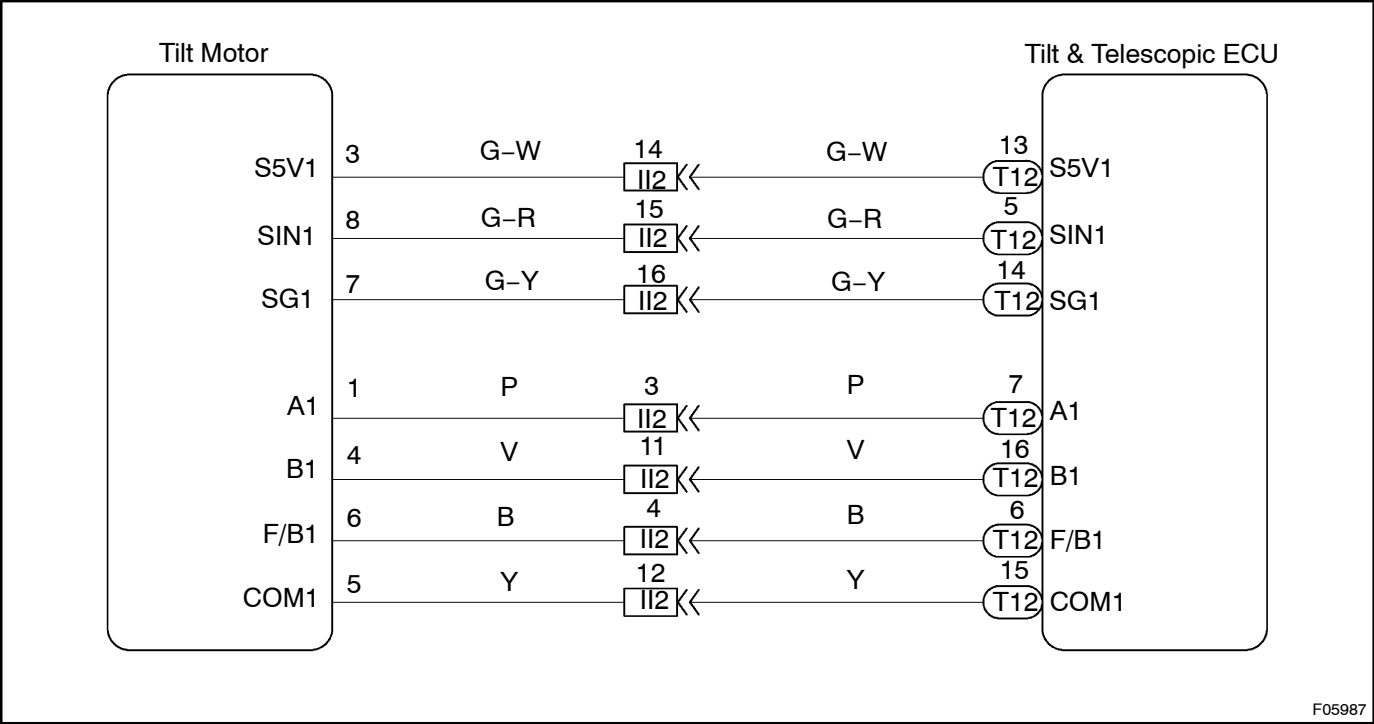DI23M−04

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.
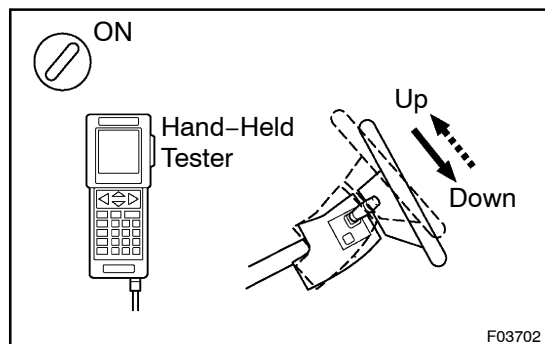
WIRING DIAGRAM

F05987

INSPECTION PROCEDURE

In case of using hand–held tester, start inspection from step 1.

Incase of not using hand–held tester, start inspection from step 2.

1	Check tilt motor operation using hand–held tester.

F03702

PREPARATION:
(a)   Connect the hand–held tester to the DLC3.
(b)   Turn ignition switch ON and push the hand–held tester main switch ON.
(c)   Select the ACTIVE TEST mode on the hand–held tester.

CHECK:
Check that the steering wheel tilts up (down) and confirm that tilt position value change when the ACTIVE TEST is carried out.
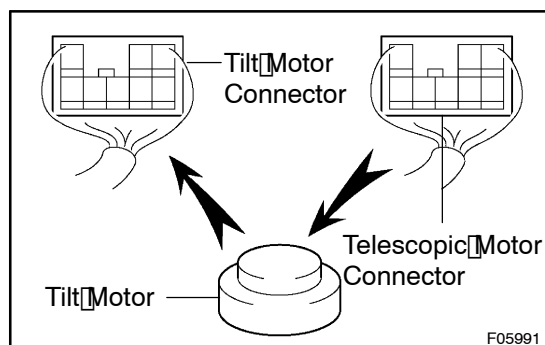
OK:

    Steering wheel must be moved upward (downward).

    Tilt position value must be changed.

OK	Proceed to next circuit inspection shown on the problem symptoms table. (See page DI–416)

NG

2	Check tilt motor.

Tilt Motor Connector

Telescopic Motor Connector

Tilt Motor

F05991

PREPARATION:
(a)   Disconnect tilt motor connector and telescopic motor connector.
(b)   Remove tilt motor. (See page SR–30)

CHECK:
Connect telescopic motor connector to tilt motor. Then confirm that tilt motor moved when operating the manual switch.

NG	Replace tilt motor.

OK

3	Check harness and connector between tilt and telescopic ECU and tilt motor. (See page IN–35)

NG ⟩ Repair or replace harness or connector.

OK

Proceed to next circuit inspection shown on the problem symptoms table.
(See page DI–416)