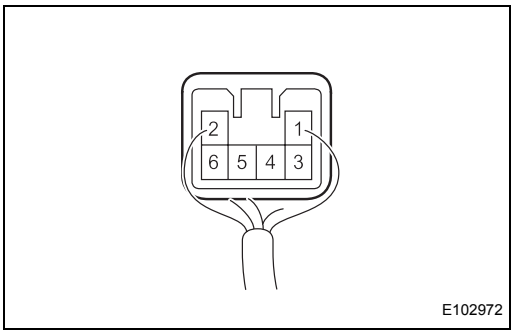
POWER WINDOW REGULATOR MOTOR ASSEMBLY LH

ON-VEHICLE INSPECTION

1. **POWER WINDOW REGULATOR MOTOR ASSEMBLY LH (INSTALLED IN FRONT SIDE)**
   (a) Check the operation of the power window motor.
   NOTICE:
   The operation should be performed with front door window regulator LH, power window regulator motor assembly LH and front door glass (LH) installed in the vehicle.

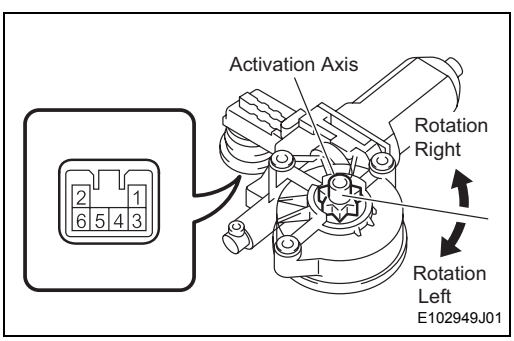


   (1) Set the probe of the electrical tester to the wire harness of connector terminal 2 of the power window regulator motor assembly LH.
   NOTICE:
   Turn the probe arrow toward the power window regulator motor assembly LH.
   (2) Fully close the door glass.
   (3) Wait about 60 seconds after the window is fully closed, and re-operate (first time) the power window regulator master switch assembly (front seat left side power window SW) by pressing and holding the UP side of the switch. While doing so, check how long the current of the power window regulator motor assembly LH takes to change from about 16 - 28 A to 1 A or less. (Cut-off check)
   Standard:
   4 to 90 sec.
   (4) Wait about 60 seconds after the cut-off check, and check that the power window (rear seat left side door glass) goes down by operating the power window regulator switch assembly (rear seat left side power window SW). (Recovery check)

WS

INSPECTION

1. **POWER WINDOW REGULATOR MOTOR ASSEMBLY LH (INSTALLED IN FRONT SIDE)**
   (a) Check the operation of the power window regulator motor assembly LH (front seat left side)
   NOTICE:
   Do not apply voltage to any terminals of the motor other the terminals 1 and 2. Doing so will damage the pulse sensor in the motor.



   (1) Check that the power window regulator motor assembly LH (front seat left side) operates smoothly when applying voltage to the terminals of the power window regulator motor assembly LH (front seat left side) connector.
   Standard:

Tester Connection	Operational Direction
Positive (+) battery terminal ←→ Terminal 2 **Negative (-) battery terminal ←→ Terminal 1**	**Turn it clockwise to the drive axis**

Tester Connection	Operational Direction
Positive (+) battery terminal ←→ Terminal 1 Negative (-) battery terminal ←→ Terminal 2	Turn it counterclockwise to the drive axis