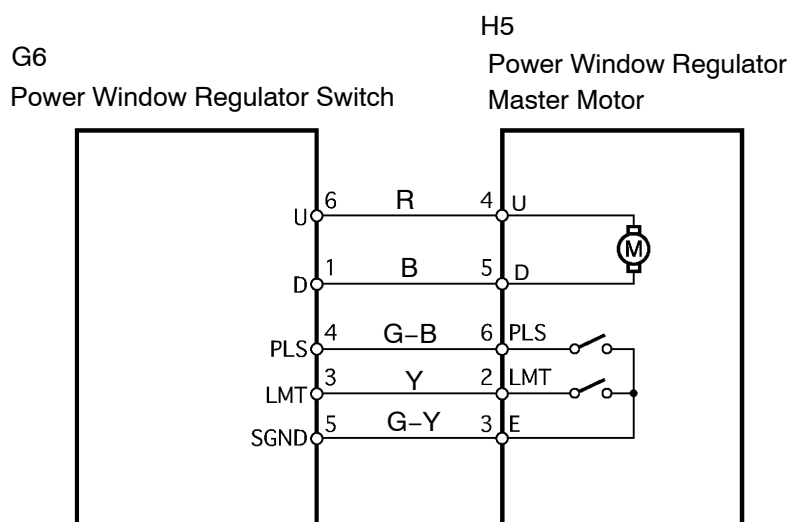


AUTO UP / DOWN OPERATION OF PASSENGER'S DOOR WINDOW IS IMPOSSIBLE (MANUAL OPERATION IS POSSIBLE)

CIRCUIT DESCRIPTION

The power window regulator master switch assembly controls the passenger's power window motor. If the pulse sensor and limit switch for detecting something being driven, the fail-safe function starts operating and the AUTO UP/DOWN operation will stop.

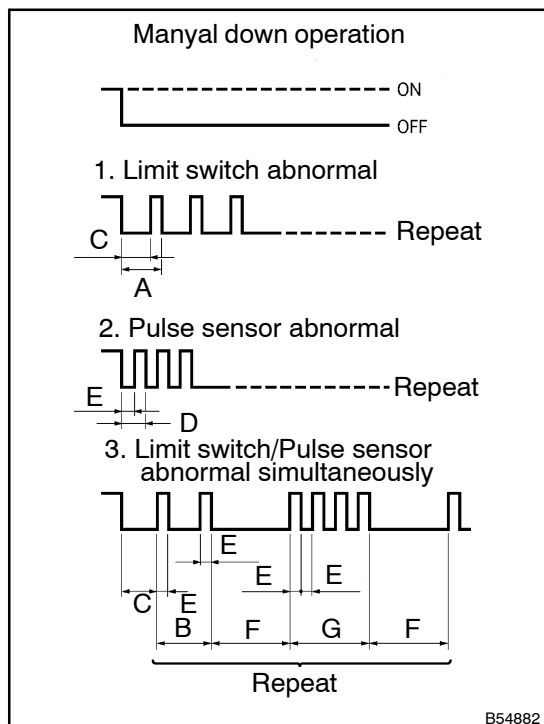
WIRING DIAGRAM



B55028

INSPECTION PROCEDURE

1 CHECK DTC OUTPUT



(a) Check the diagnosis output code.

HINT:

When a malfunction has occurred in the limit switch or the pulse sensor, make the passenger's side window go down for 1 second or more manually, and then make the illumination of power window regulator switch blink.

Standard: No abnormal output

HINT:

- NG – A means (blinks occurs in the 1 way)
- NG – B means (blinks in the 2 or 3 way)

A: 2 seconds

B: 2.5 seconds

C: 1.5 seconds

D: 1 second

E: 0.5 seconds

F: 4 seconds

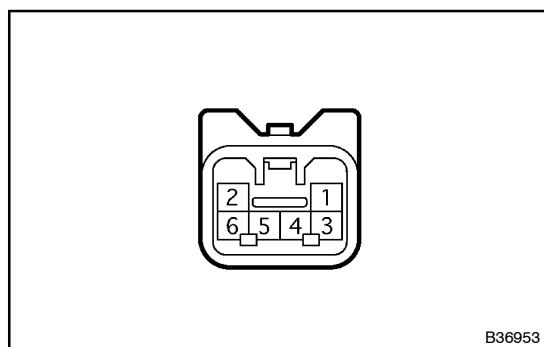
G: 3.5 seconds

NG-B Go to step 4

OK REPLACE POWER WINDOW REGULATOR SWITCH ASSY

NG-A

2 CHECK LIMIT SWITCH OF POWER WINDOW REGULATOR MOTOR



(a) Make the passenger side power window regulator motor operate and set the door glass anywhere except the fully closed position, then disconnect the connector.

(b) Check the continuity between terminals 2 and 3 (RHD: 1 and 6) of the passenger side power window regulator motor.

OK: Continuity

(c) Make the passenger side power window regulator motor operate and set the door glass in the fully closed position, then disconnect the connector.

(d) Check the continuity between terminals 2 and 3 (RHD: 1 and 6) of the passenger side power window regulator motor.

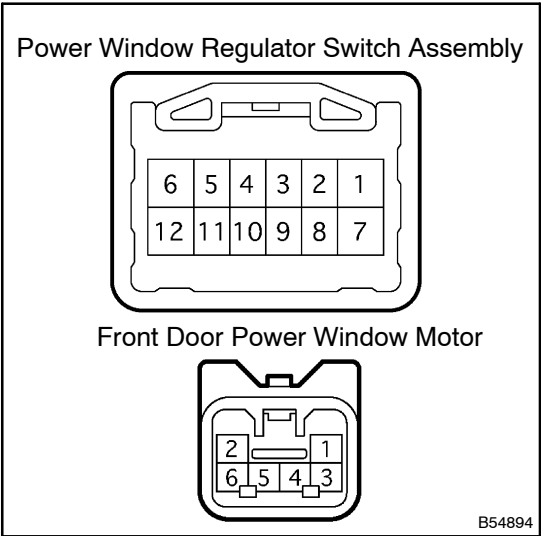
OK: No continuity

NG REPLACE POWER WINDOW REGULATOR MOTOR ASSY RH

OK

3

CHECK WIRE HARNESS



- (a) Disconnect the switch assembly and power window regulator motor connectors.
- (b) Check the continuity of each terminal of vehicle's side connector of switch assembly.

Standard:

Switch ⇔ Motor	Specified condition
4 ⇔ 6	Continuity
3 ⇔ 2	Continuity
5 ⇔ 3	Continuity

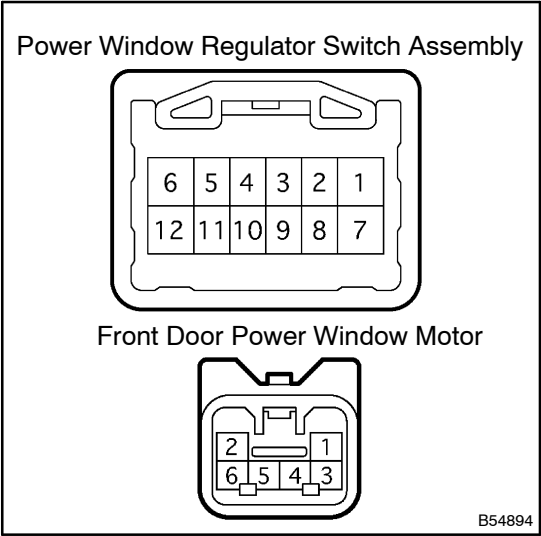
NG

REPAIR OR REPLACE WIRE HARNESS

OK

4

HARNESS AND CONNECTOR SHORT CIRCUIT INSPECTION



- (a) Disconnect the regulator switch assembly and power window regulator motor connectors.
- (b) Check the continuity between terminals 3, 4, 5 of the power window regulator switch assembly vehicle's side connector and the body ground, and also terminals 2, 3, 6 of the driver side power regulator motor vehicle's side connector and the body ground.

Standard: No continuity

NG

REPAIR OR REPLACE WIRE HARNESS

OK

5 CHECK POWER WINDOW REGULATOR SWITCH ASSY

- (a) Connect the power window regulator motor connector.
- (b) Connect the connector to the normal power window regulator master switch assembly, and check if the AUTO UP and AUTO DOWN operate.

NG**REPLACE POWER WINDOW REGULATOR
MOTOR ASSY RH****OK****REPLACE POWER WINDOW REGULATOR SWITCH ASSY**