

POWER WINDOW CONTROL SYSTEM

TROUBLESHOOTING

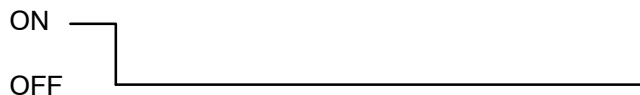
BE02C-08

1 One touch power window does not move up and down. (Prepare normal master switch.)

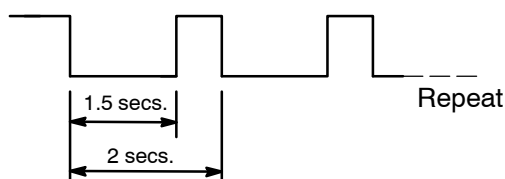
After turning the ignition switch ON and power window master switch UP or DOWN on the drivers side, check that the master switch AUTO light blinks.

- Error is classified into the following 3 types according to the way of blinking.

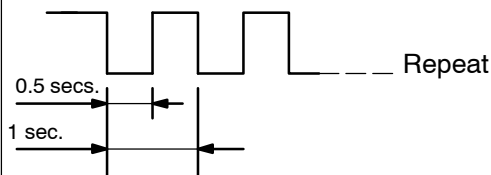
UP or DOWN



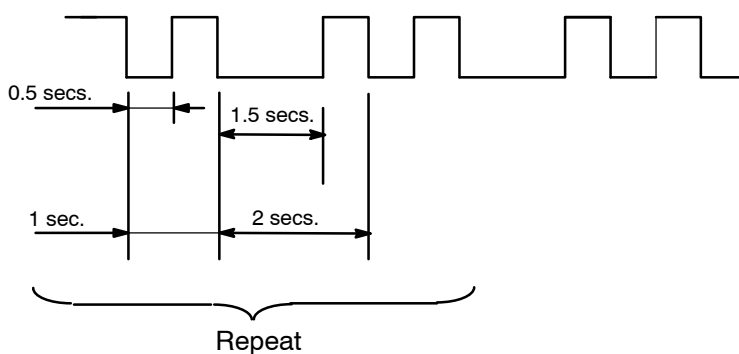
① Limit switch error



② Pulse sensor error



③ Limit switch/Pulse sensor synchronize error



- < Reference >
- When 30 seconds elapsed since blinking started, blinking finishes. (AUTO light remains ON)
 - When turning the ignition key OFF, blinking finishes.

Blinks in the ① way

Remove the master switch.
(Connector connection condition)

When the fully closed driver's door
is opened, does the voltage between
19 terminal and 20 terminal of
master switch change from 0 V
to 10 ~ 14 V?

Yes

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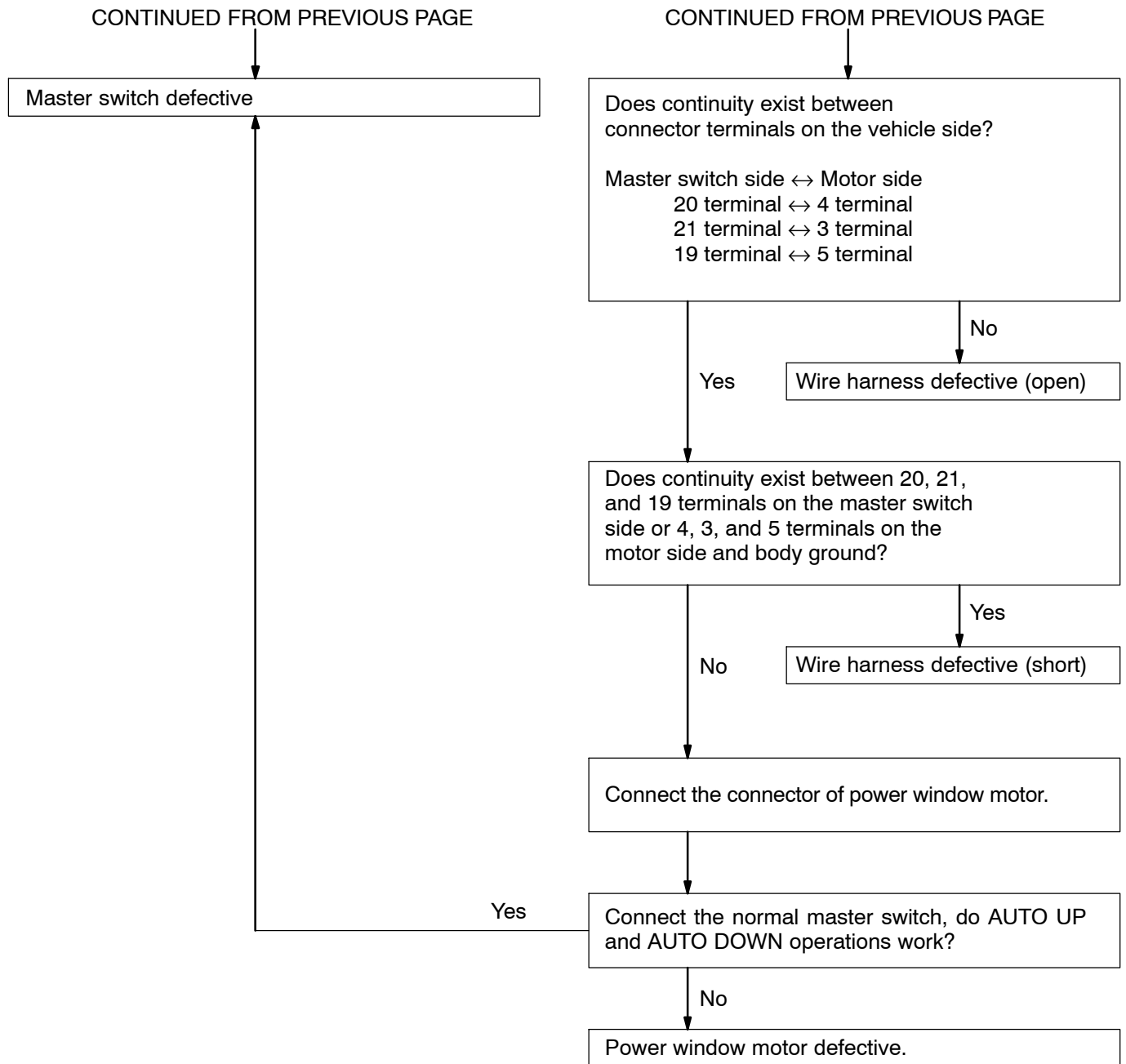
No

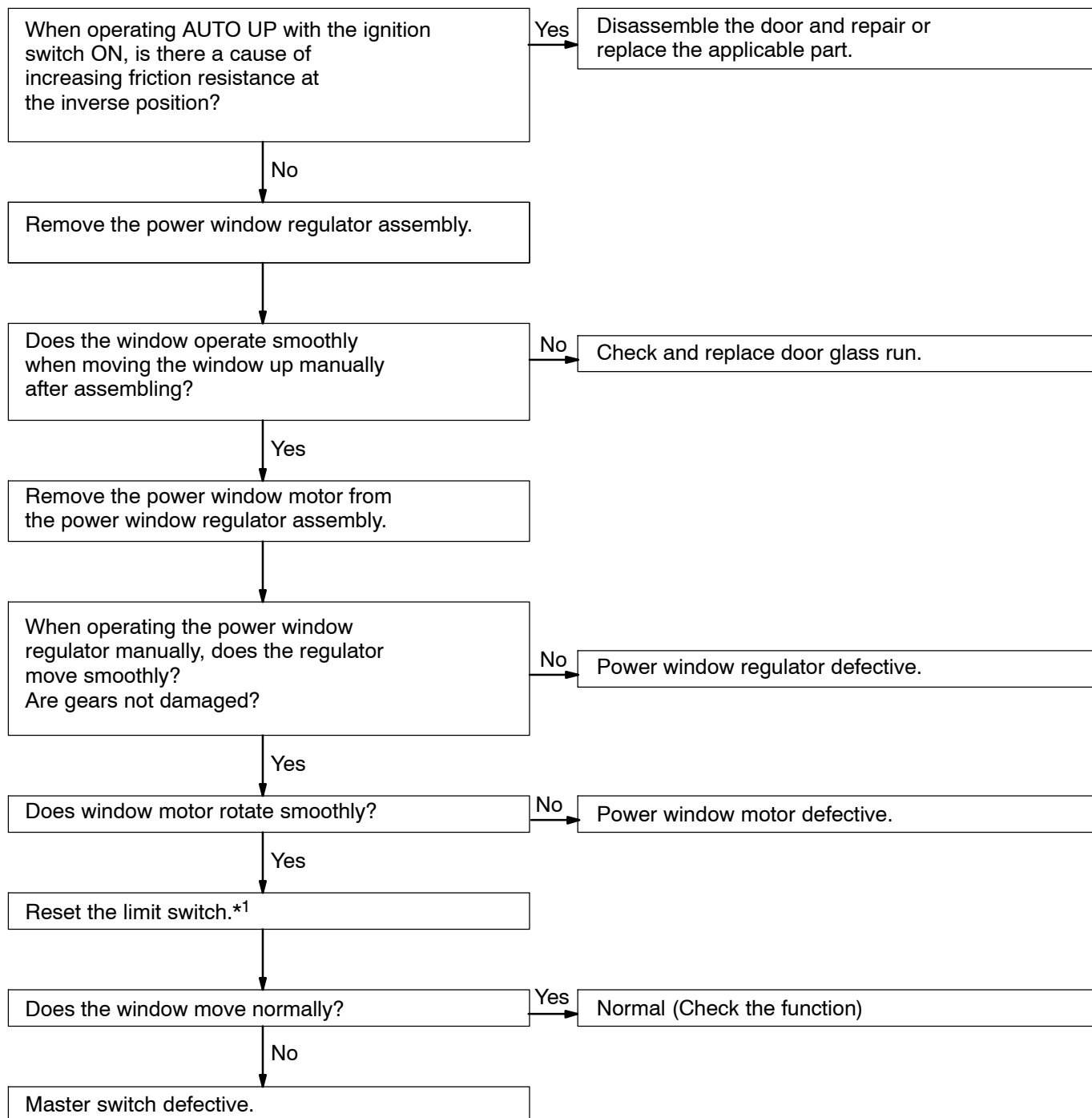
Master switch defective

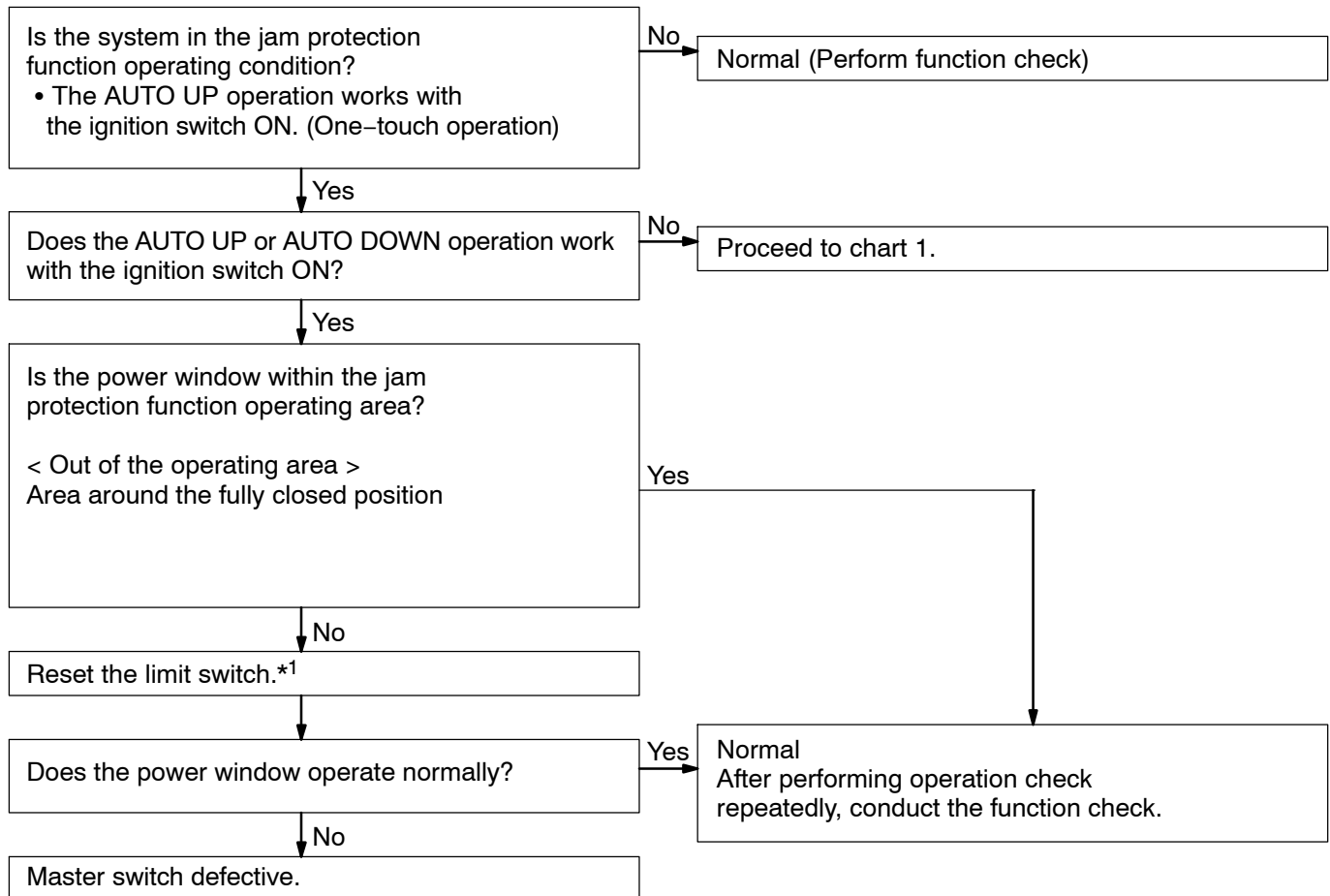
Blinks in the ② or ③ way

Disconnect the connectors of master
switch and driver's power window motor.

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2 During AUTO UP operation, the power window moves down.


3 The DOWN function does not work though some other objects are caught in the power window glass.


*1 Reset procedure of the power window motor.

HINT:

If either of the following is met, it is necessary to reset the position sensor of the power window motor.

- The power window motor is separated from the window regulator.
- The window regulator is operated with the door glass removed.
 - (1) Remove the power window motor from the regulator.
 - (2) Connect the power window motor and master switch to the vehicle wire harness.
 - (3) Turn the ignition switch ON.
 - (4) Operate the switch up to rotate the motor more than 6 and less than 10 times (4seconds).
 - (5) Install the power window motor to the regulator.

NOTICE:

Install the motor when the regulator arm is not in the area around the fully closed position.

- (6) Install the power window regulator and door glass.
- (7) Connect the power window master switch to the wire harness, and turn the ignition switch ON.
- (8) Operate the switch up and down several times.
- (9) Check that the AUTO UP and AUTO DOWN functions work by one-touch switch operation.

NOTICE:

The jam protection function does not operate immediately after reset procedure.

HINT:

If the jam protection function operates while the window is closing by one-touch switch operation, perform step (1) again.