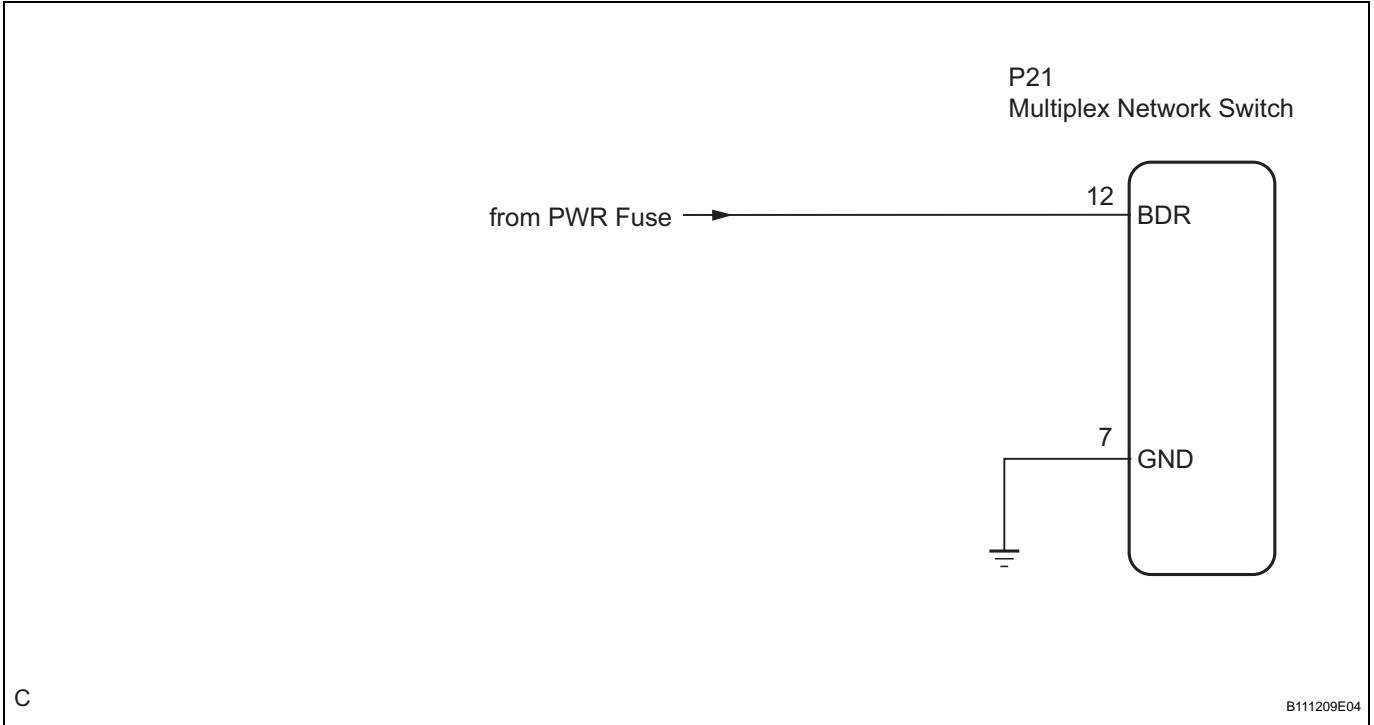


Rear Power Window Switch RH Circuit

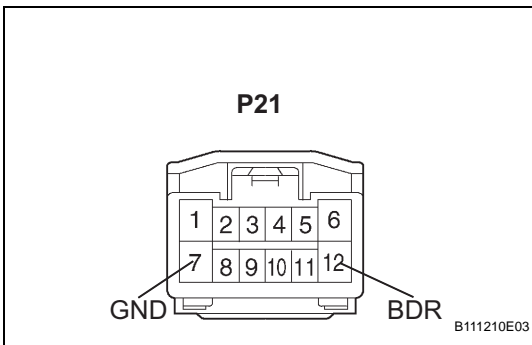
DESCRIPTION

This circuit supplies power to operate the multiplex network switch.

WIRING DIAGRAM



1 CHECK WIRE HARNESS (MULTIPLEX NETWORK SWITCH - BATTERY AND BODY GROUND)



- (a) Disconnect the P21 connector.
- (b) Measure the voltage and resistance according to the value(s) in the table below.

Standard voltage

Tester Connection	Condition	Specified Condition
P21-12 (BDR) - Body ground	Always	10 to 14 V

Standard resistance

Tester Connection	Condition	Specified Condition
P21-7 (GND) - Body ground	Always	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

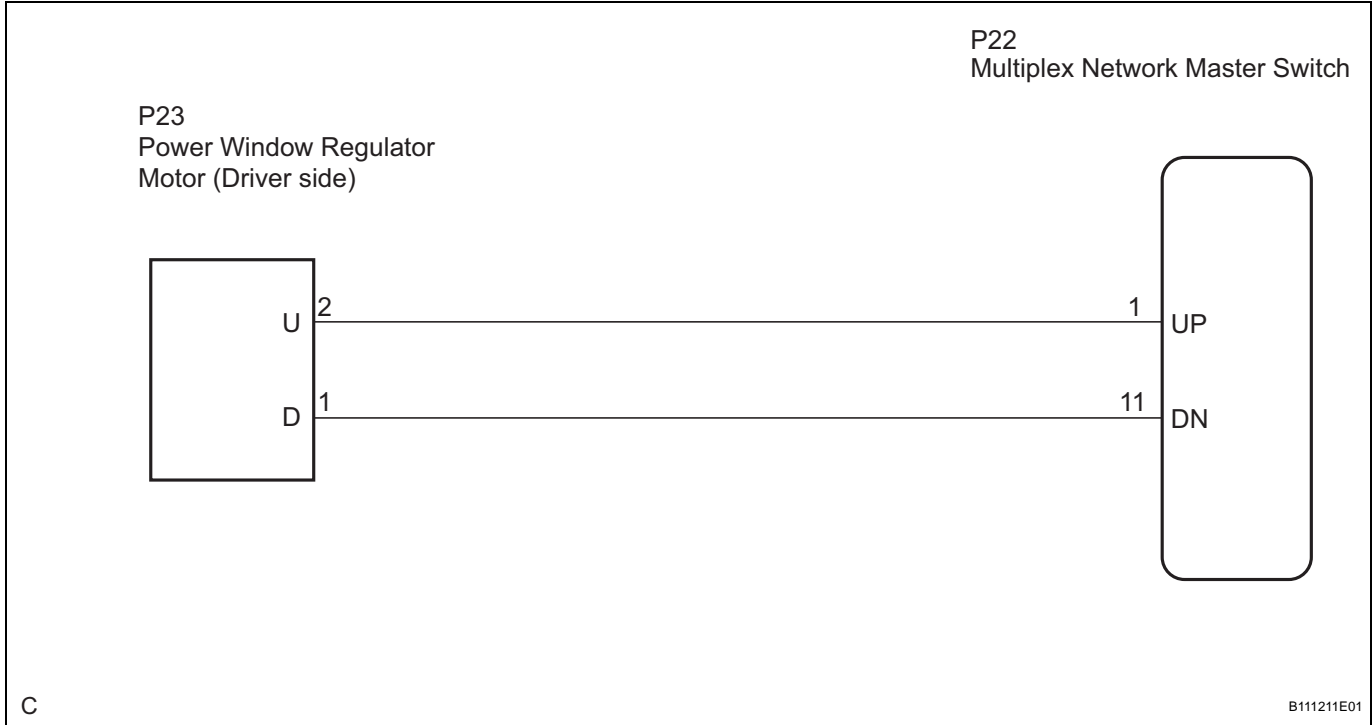
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

Driver Side Power Window Motor Circuit

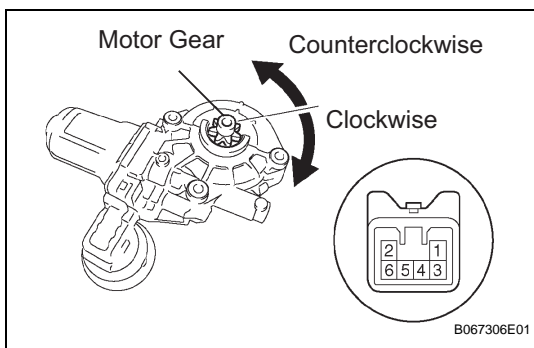
DESCRIPTION

This circuit transmits signals from the multiplex network master switch to power window regulator motor.

WIRING DIAGRAM



1 INSPECT POWER WINDOW REGULATOR MOTOR



- (a) Remove the power window motor.
- (b) Apply battery voltage to the motor connector according to the table below.

NOTICE:

Do not apply battery to any terminals except terminals 1 and 2.

Standard

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 (D) Battery negative (-) → Terminal 2 (U)	Motor gear rotates clockwise
Battery positive (+) → Terminal 2 (U) Battery negative (-) → Terminal 1 (D)	Motor gear rotates counterclockwise

NG

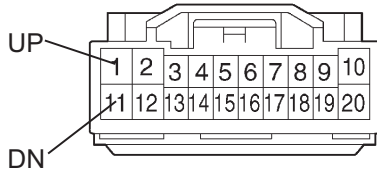
REPLACE POWER WINDOW REGULATOR MOTOR

OK

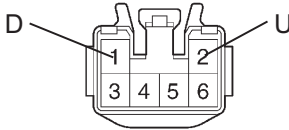
2

CHECK WIRE HARNESS (WINDOW REGULATOR MOTOR - MULTIPLEX NETWORK MASTER SWITCH)

**P22
Multiplex Network
Master Switch:**



**P23
Power Window Regulator
Motor:**



B052055E02

- (a) Disconnect the P22 and P23 connectors.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
P22-1 (UP) - P23-2 (U)	Always	Below 1 Ω
P22-11 (DN) - P23-1 (D)	Always	Below 1 Ω
P22-1 (UP) - Body ground	Always	10 kΩ or higher
P22-11 (DN) - Body ground	Always	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE