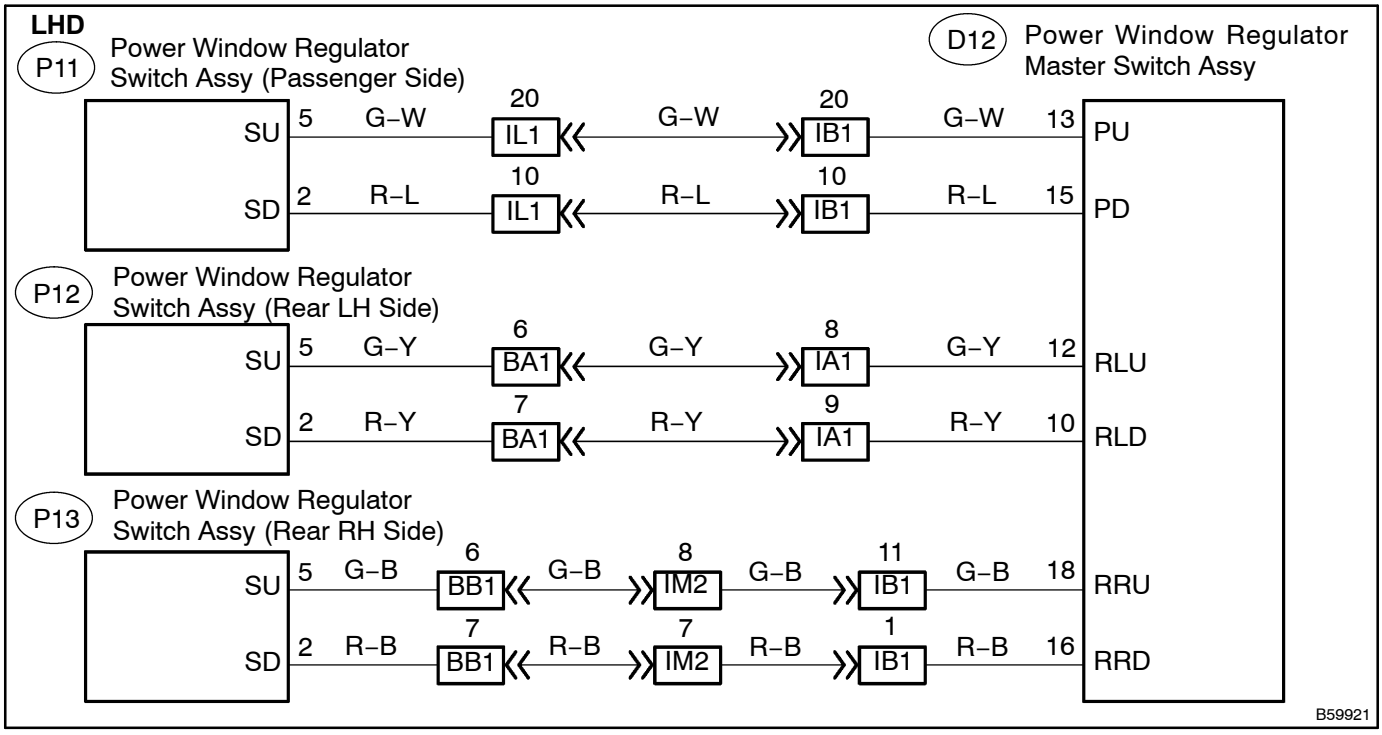
REMOTE OPERATION VIA MASTER SWITCH IS IMPOSSIBLE IN THE OTHER DOOR (OPERATION VIA EACH DOOR SWITCH IS POSSIBLE)

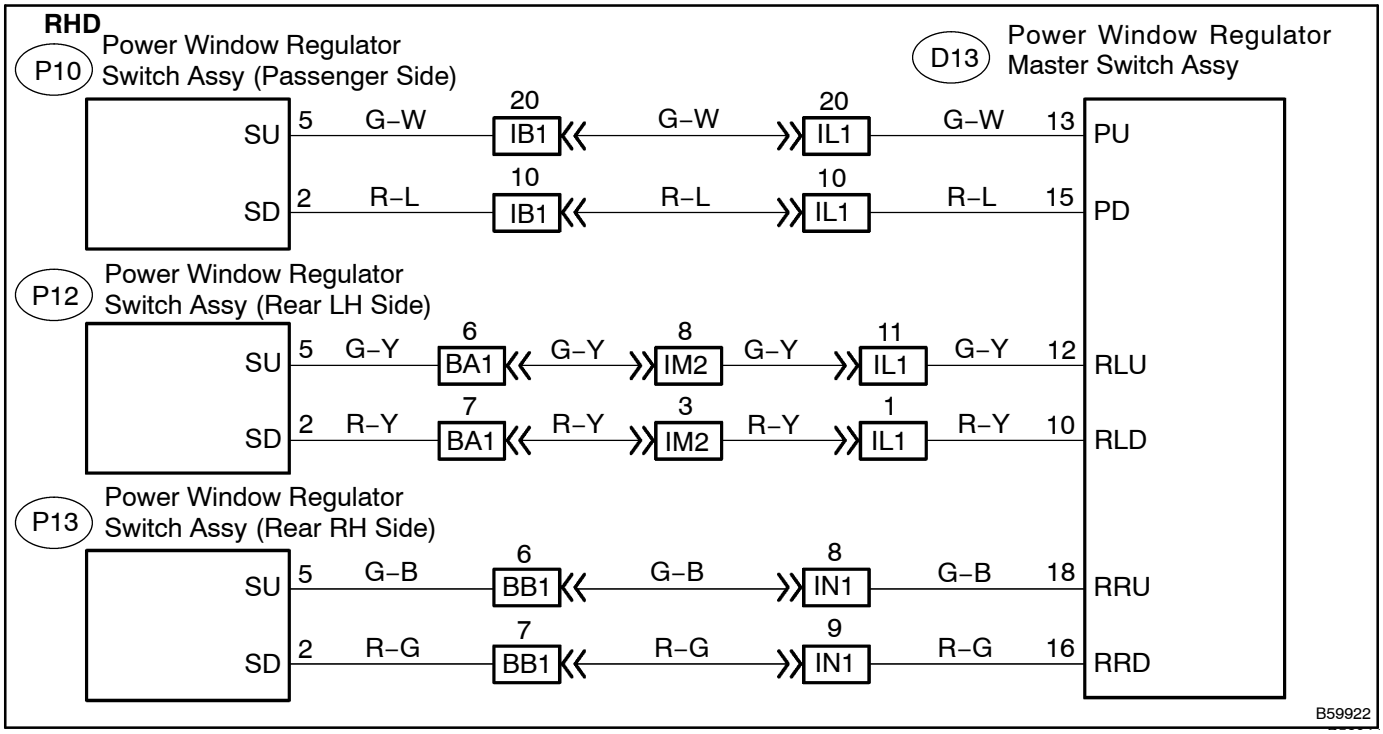
HINT:
In the LHD vehicle, work in the same procedure as in the RHD vehicle.

CIRCUIT DESCRIPTION

With the ignition switch ON, the master switch transmits remote switch signals for other seats to each regulator switch multiply, and then the regulator switch drives the power window motor.

WIRING DIAGRAM



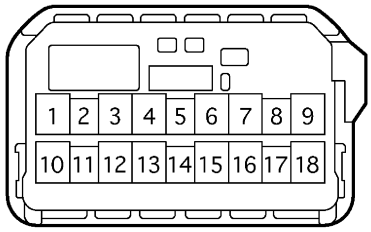


INSPECTION PROCEDURE

1	CHECK POWER WINDOW REGULATOR MASTER SWITCH ASSY

Wire Harness Side

D12 Power Window Regulator Master Switch (LHD)



D13 Power Window Regulator Master Switch (RHD)

B59938

(a) Check the power window regulator master switch.
  (1) Disconnect the D12 (LHD) or D13 (RHD) power window regulator master switch connector.
  (2) Check the voltage and continuity of each terminal of the disconnected connector.

Standard (LHD):

Symbols (Terminal No.) (+ ⇔ –)	Condition	Specification
E ⇔ Body ground (D12–1 ⇔ Body ground)	Constant	Continuity
BW ⇔ Body ground (D12–7 ⇔ Body ground)	Constant	10 – 14 V
B ⇔ Body ground (D12–11 ⇔ Body ground)	Ignition ON	10 – 14 V

Standard (RHD):

Symbols (Terminal No.) (+ ⇔ –)	Condition	Specification
E ⇔ Body ground (D13–1 ⇔ Body ground)	Constant	Continuity
BW ⇔ Body ground (D13–7 ⇔ Body ground)	Constant	10 – 14 V
B ⇔ Body ground (D13–11 ⇔ Body ground)	Ignition ON	10 – 14 V

NG	REPAIR OR REPLACE HARNESS AND CONNECTOR

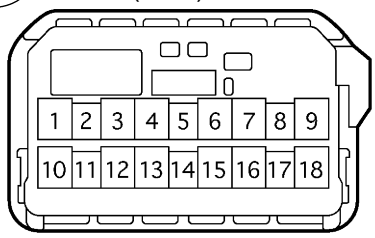
OK

2 CHECK WIRE HARNESS

Wire Harness Side

D12 Power Window Regulator Master Switch (LHD)

D13 Power Window Regulator Master Switch (RHD)

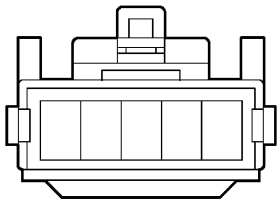


P11 P12 P13

Power Window Regulator Switch (LHD)
(Passenger Side, Rear LH, Rear RH)

P10 P12 P13

Power Window Regulator Switch (RHD)
(Passenger Side, Rear LH, Rear RH)



B56309

(a) Check the continuity of the wire harness.

(1) Disconnect the D12 (LHD) or D13 (RHD) power window regulator master switch connector.

(2) Disconnect the P11, P12 and P13 (LHD) or P10, P12 and P13 (RHD) power window regulator switch connectors.

(3) Check the continuity between the disconnected connectors.

Standard (LHD Passenger):

Symbols (Terminal No.) (Master ⇔ Passenger)	Specified condition
PU ⇔ SU (D12–13 ⇔ P11–5)	Continuity
PD ⇔ SD (D12–13 ⇔ P11–2)	Continuity

Standard (RHD Passenger):

Symbols (Terminal No.) (Master ⇔ Passenger)	Specified condition
PU ⇔ SU (D13–13 ⇔ P10–5)	Continuity
PD ⇔ SD (D13–13 ⇔ P10–2)	Continuity

Standard (LHD Rear LH):

Symbols (Terminal No.) (Master ⇔ Rear LH)	Specified condition
RLU ⇔ SU (D12–12 ⇔ P12–5)	Continuity
RLD ⇔ SD (D12–10 ⇔ P12–2)	Continuity

Standard (RHD Rear LH):

Symbols (Terminal No.) (Master ⇔ Rear LH)	Specified condition
RLU ⇔ SU (D13–12 ⇔ P12–5)	Continuity
RLD ⇔ SD (D13–10 ⇔ P12–2)	Continuity

Standard (LHD Rear RH):

Symbols (Terminal No.) (Master ⇔ Rear RH)	Specification
RRU ⇔ SU (D12–18 ⇔ P13–5)	Continuity
RRD ⇔ SD (D12–16 ⇔ P13–2)	Continuity

Standard (RHD Rear RH):

Symbols (Terminal No.) (Master ⇔ Rear RH)	Specified condition
RRU ⇔ SU(D13–12 ⇔ P13–5)	Continuity
RRD ⇔ SD(D13–10 ⇔ P13–2)	Continuity

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY