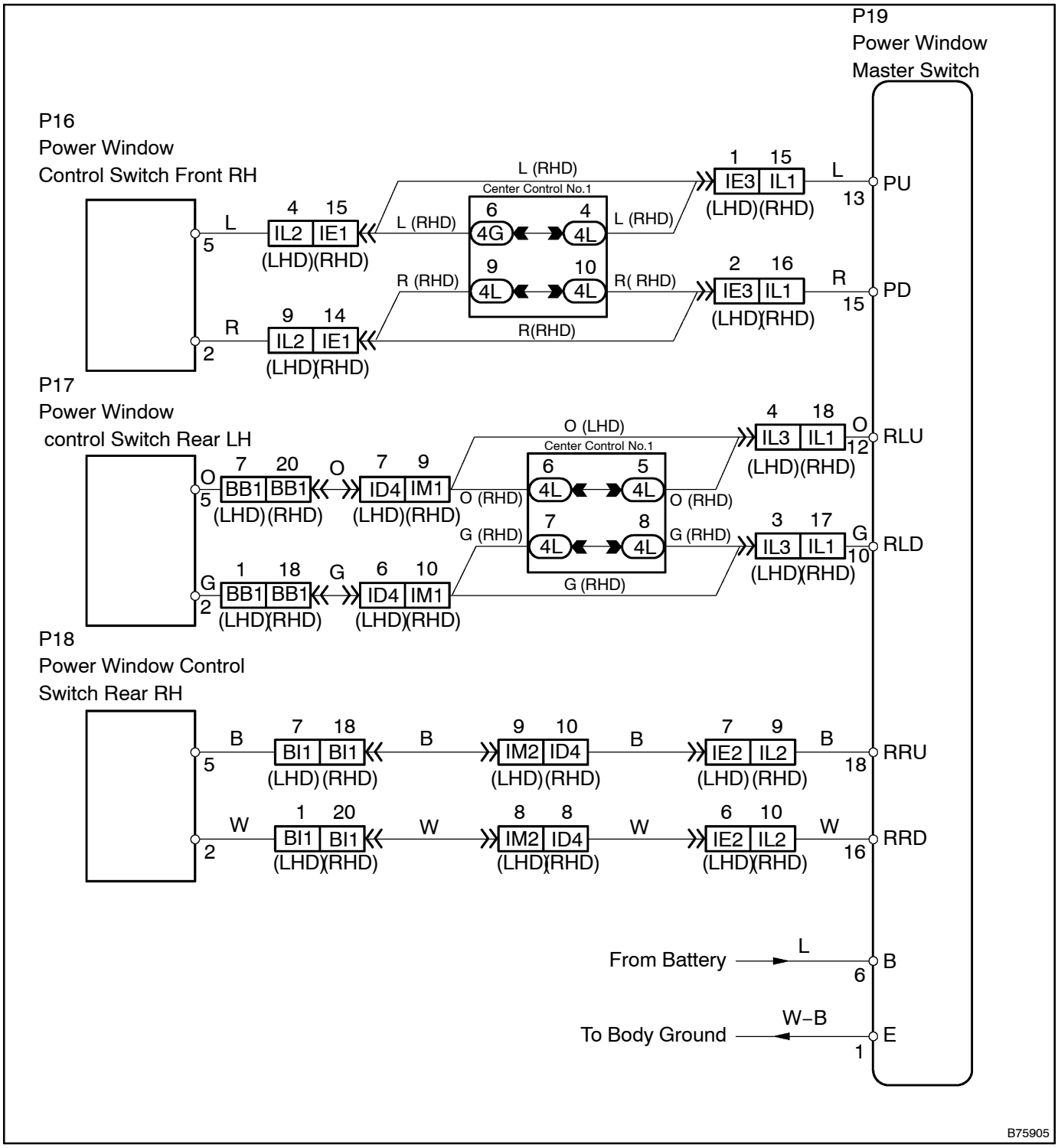
REMOTE UP/DOWN FUNCTION DOES NOT OPERATE

CIRCUIT DESCRIPTION

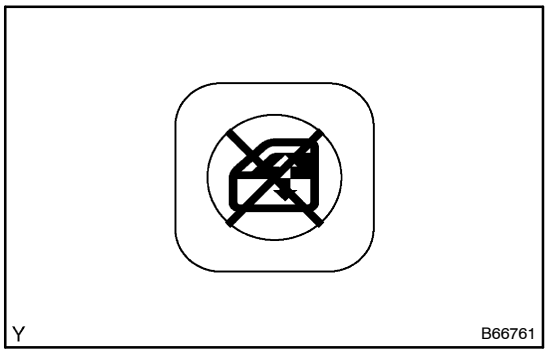
With the power switch's power mode at ON (IG), the power window regulator master switch assembly transmits remote switch signals to the regulator switches of the passenger door power window and rear door power windows. Then, the regulator switches drive the power window regulator motors.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK POWER WINDOW LOCK SWITCH



(a) Turn the window lock switch OFF and operate the passenger door switch and rear door switches on the master switch assembly. Check that the remote UP/DOWN function operates normally.
OK: Remote UP/DOWN function operates normally.

NG → **Go to step 2**

OK

END

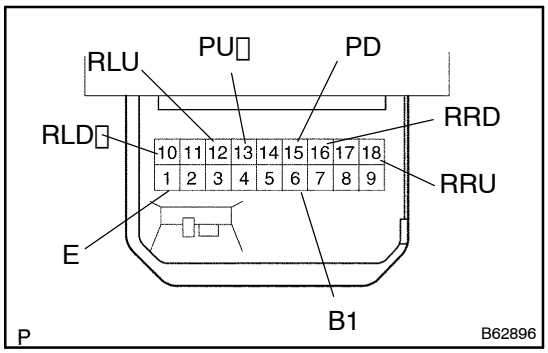
2 CHECK MANUAL UP/DOWN FUNCTION

(a) Check that the passenger door and rear door power windows' manual UP/DOWN functions operate normally.
OK: Manual UP/DOWN functions operate normally.

NG → **OTHER PROBLEM (See page 05–1728)**

OK

3 INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSY



(a) Inspect the passenger door switch and rear door switches on the master switch assy.
(1) Remove the master switch assy.
(2) Disconnect the P19 master switch connector.
(3) Measure the resistance between the terminals of the connector when the switch is operated.

Standard:

Passenger side switch

Window Lock Switch Condition	Power Window Switch Condition	Tester Connection	Specified Condition
OFF (Normal)	UP	P19–1 (E) – P19–15 (PD) P19–6 (B) – P19–13 (PU)	Below 1 Ω Below 1 Ω
OFF (Normal)	OFF	P19–1 (E) – P19–13 (PU) P19–1 (E) – P19–15 (PD)	Below 1 Ω Below 1 Ω
OFF (Normal)	DOWN	P19–1 (E) – P19–13 (PU) P19–6 (B) – P19–15 (PD)	Below 1 Ω Below 1 Ω
ON (Lock)	UP	P19–1 (E) – P19–15 (PD) P19–6 (B) – P19–13 (PU)	10 kΩ or higher Below 1 Ω
ON (Lock)	OFF	P19–13 (PU) – P19–15 (PD)	Below 1 Ω
ON (Lock)	DOWN	P19–1 (E) – P19–13 (PU) P19–6 (B) – P19–15 (PD)	10 kΩ or higher Below 1 Ω

Rear LH switch

Window Lock Switch Condition	Power Window Switch Condition	Tester Connection	Specified Condition
OFF (Normal)	UP	P19–1 (E) – P19–10 (RLD) P19–6 (B) – P19–12 (RLU)	Below 1 Ω Below 1 Ω
OFF (Normal)	OFF	P19–1 (E) – P19–10 (RLD) P19–1 (E) – P19–12 (RLU)	Below 1 Ω Below 1 Ω
OFF (Normal)	DOWN	P19–1 (E) – P19–12 (RLU) P19–6 (B) – P19–10 (RLD)	Below 1 Ω Below 1 Ω
ON (Lock)	UP	P19–1 (E) – P19–10 (RLD) P19–6 (B) – P19–12 (RLU)	10 kΩ or higher Below 1 Ω
ON (Lock)	OFF	P19–10 (RLD) – P19–12 (RLU)	Below 1 Ω
ON (Lock)	DOWN	P19–1 (E) – P19–12 (RLU) P19–6 (B) – P19–10 (RLD)	10 kΩ or higher Below 1 Ω

Rear RH switch

Window Lock Switch Condition	Power Window Switch Condition	Tester Connection	Specified Condition
OFF (Normal)	UP	P19–1 (E) – P19–16 (RRD) P19–6 (B) – P19–18 (RRU)	Below 1 Ω Below 1 Ω
OFF (Normal)	OFF	P19–1 (E) – P19–16 (RRD) P19–1 (E) – P19–18 (RRU)	Below 1 Ω Below 1 Ω
OFF (Normal)	DOWN	P19–1 (E) – P19–18 (RRU) P19–6 (B) – P19–16 (RRD)	Below 1 Ω Below 1 Ω
ON (Lock)	UP	P19–1 (E) – P19–16 (RRD) P19–6 (B) – P19–18 (RRU)	10 kΩ or higher Below 1 Ω
ON (Lock)	OFF	P19–16 (RRD) – P19–18 (RRU)	Below 1 Ω
ON (Lock)	DOWN	P19–1 (E) – P19–18 (RRU) P19–6 (B) – P19–16 (RRD)	10 kΩ or higher Below 1 Ω

NG → **REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY**

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (POWER WINDOW REGULATOR MASTER SWITCH ASSY – POWER WINDOW REGULATOR SWITCH ASSY)