

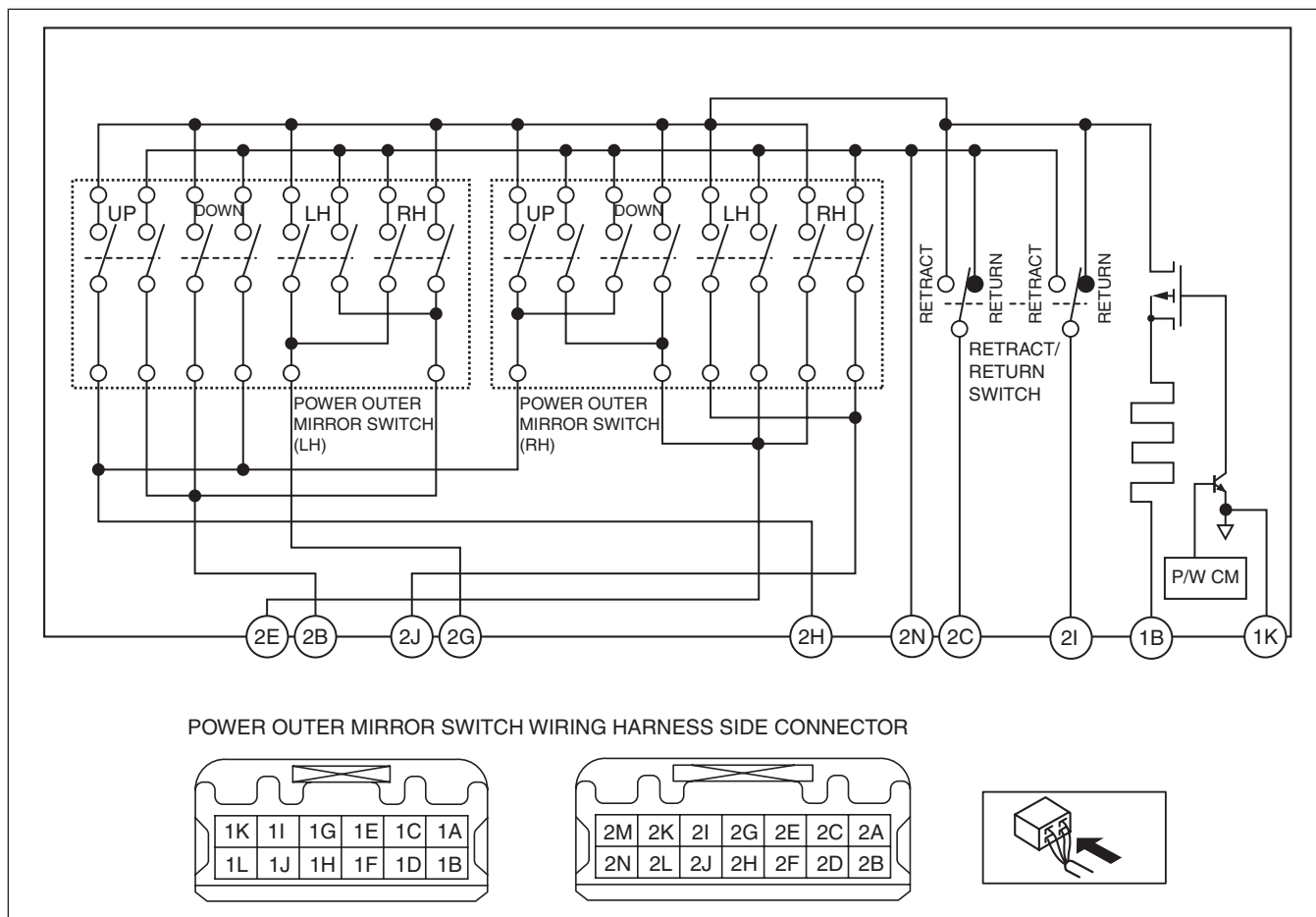
POWER OUTER MIRROR SWITCH INSPECTION

id091200003400

With Retract/return Function

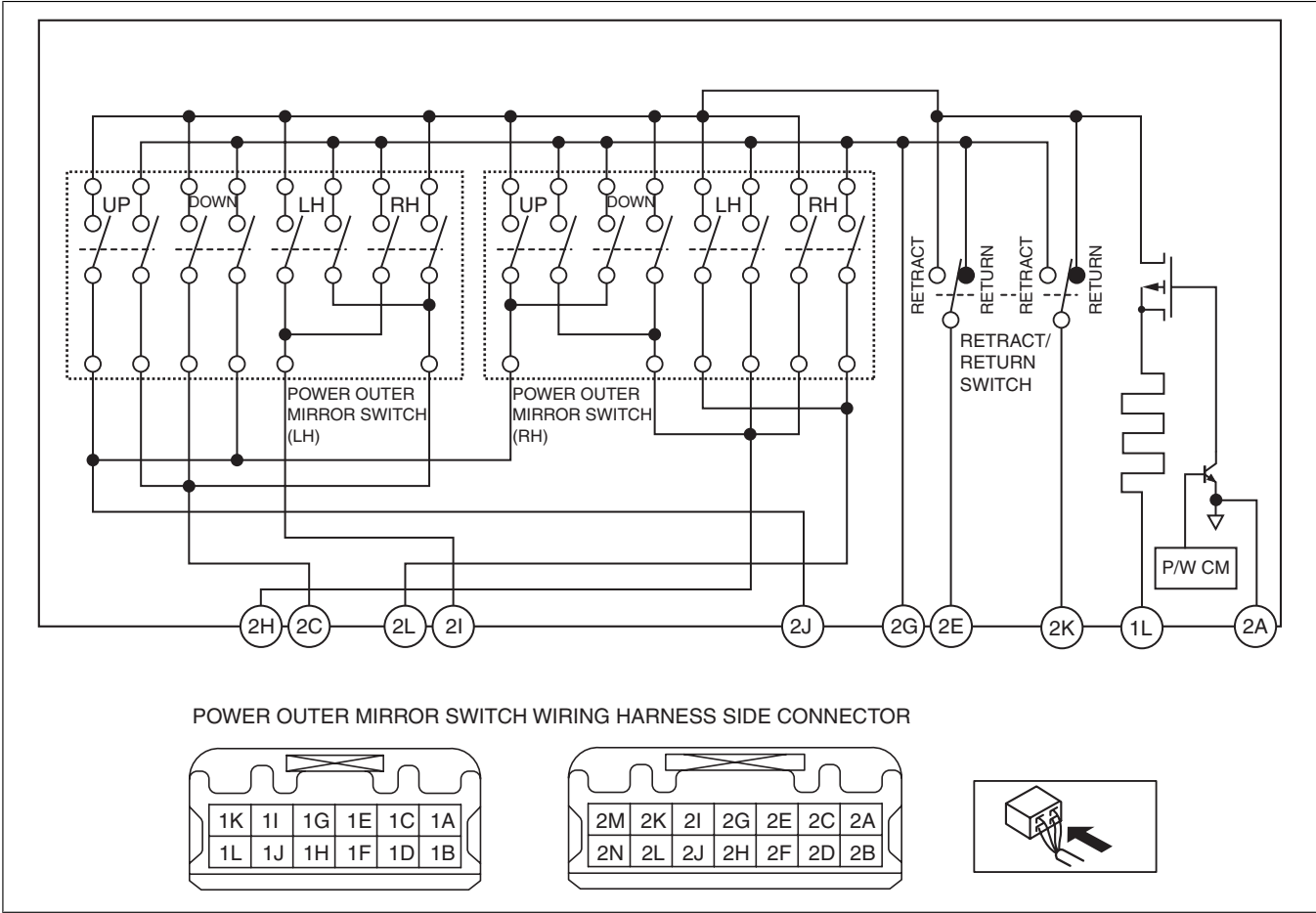
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the power outer mirror switch. (See POWER OUTER MIRROR SWITCH REMOVAL/INSTALLATION.)
3. Verify that the continuity between the power outer mirror switch terminals is as indicated in the table.
 - If not as indicated in the table, replace the power outer mirror switch. (See POWER OUTER MIRROR SWITCH REMOVAL/INSTALLATION.)

Auto-open/close function for all windows



ac5wzw00002543

Auto-open/close function for driver-side



ac5wzw00004642

Auto-open/close function for all windows

○—○ : Continuity

Operation		2N	2B	2C	2E	2G	2H	2I	2J
LH	UP	○—○							
	DOWN	○	—	—	—	—	○		
	LEFT	○—○							
	RIGHT	○	—	—	—	○			
RH	UP	○	—	—	○				
	DOWN	○	—	—	—	—	○		
	LEFT	○	—	—	○				
	RIGHT	○	—	—	—	—	—	—	○
RETRACT SWITCH	RETRACT	○	—	—	—	—	—	○	
	RETURN	○	—	○					

ac5wzw00002544

Auto-open/close function for driver-side

		○—○ : Continuity							
Operation		2G	2C	2E	2H	2I	2J	2K	2L
LH	UP	○—○							
	DOWN	○	—	—	—	—	○		
	LEFT	○—○							
	RIGHT	○	—	—	—	○			
RH	UP	○	—	—	○				
	DOWN	○	—	—	—	—	○		
	LEFT	○	—	—	○				
	RIGHT	○	—	—	—	—	—	—	○
RETRACT SWITCH	RETRACT	○	—	—	—	—	—	○	
	RETURN	○	—	○					

ac5wzw00004643

4. Connect the power outer mirror connector.
5. Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
6. Measure the voltage at each terminal.
 - If the voltage is not as specified in the terminal voltage table, inspect the parts under Inspection item (s) and related wiring harnesses.
 - If the system does not work normally even though the inspection items or related wiring harnesses do not have any malfunction, replace the power window main switch.

Auto-open/close function for all windows

Terminal	Signal name	Connected to	Measurement condition	Voltage (V)	Inspection item (s)
2B	Right/down signal	Power outer mirror (LH)	While outer mirror glass (LH) is moving downward or towards right	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2C	Retract signal	Power outer mirror (LH/RH)	While power outer mirror (LH/RH) is retracting	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2E	Right/down signal	Power outer mirror (RH)	While outer mirror glass (RH) is moving downward or towards right	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2G	Left signal	Power outer mirror (LH)	While outer mirror glass (LH) is moving towards left	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2H	Up signal	Power outer mirror (LH/RH)	While outer mirror glass (LH/RH) is moving upward	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2I	Return signal	Power outer mirror (LH/RH)	While power outer mirror (LH/RH) is returning	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	

Terminal	Signal name	Connected to	Measurement condition	Voltage (V)	Inspection item (s)
2J	Left signal	Power outer mirror (RH)	While outer mirror glass (RH) is moving towards left	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2N	GND	Body ground	Under any condition	1.0 or less	<ul style="list-style-type: none"> • Related wiring harness

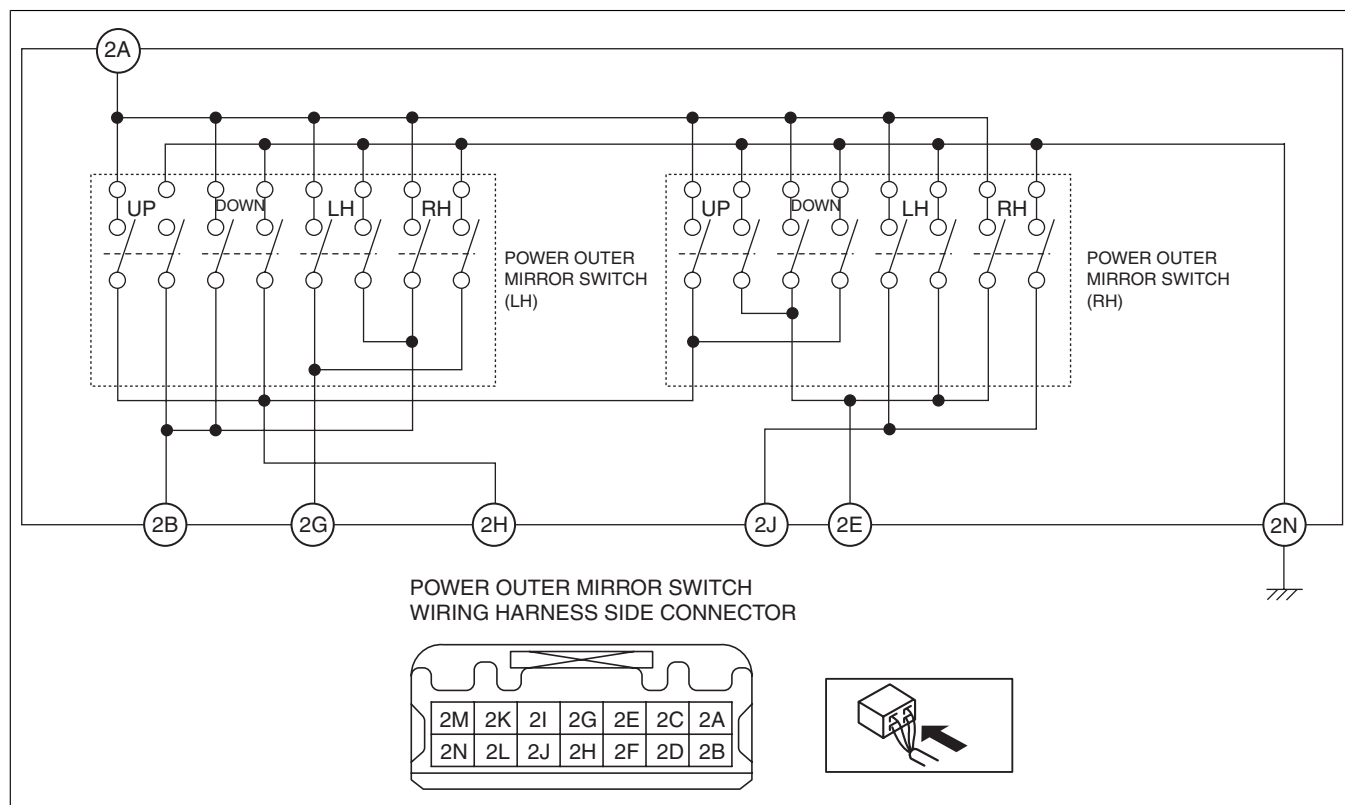
Auto-open/close function for driver-side

Terminal	Signal name	Connected to	Measurement condition	Voltage (V)	Inspection item (s)
2C	Right/down signal	Power outer mirror (LH)	While outer mirror glass (LH) is moving downward or towards right	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2E	Retract signal	Power outer mirror (LH/RH)	While power outer mirror (LH/RH) is retracting	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2G	GND	Body ground	Under any condition	1.0 or less	<ul style="list-style-type: none"> • Related wiring harness
2H	Right/down signal	Power outer mirror (RH)	While outer mirror glass (RH) is moving downward or towards right	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2I	Left signal	Power outer mirror (LH)	While outer mirror glass (LH) is moving towards left	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2J	Up signal	Power outer mirror (LH/RH)	While outer mirror glass (LH/RH) is moving upward	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2K	Return signal	Power outer mirror (LH/RH)	While power outer mirror (LH/RH) is returning	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	
2L	Left signal	Power outer mirror (RH)	While outer mirror glass (RH) is moving towards left	B+	<ul style="list-style-type: none"> • Related wiring harness • Power outer mirror (See POWER OUTER MIRROR INSPECTION.)
			Other	1.0 or less	

Without Retract/return Function

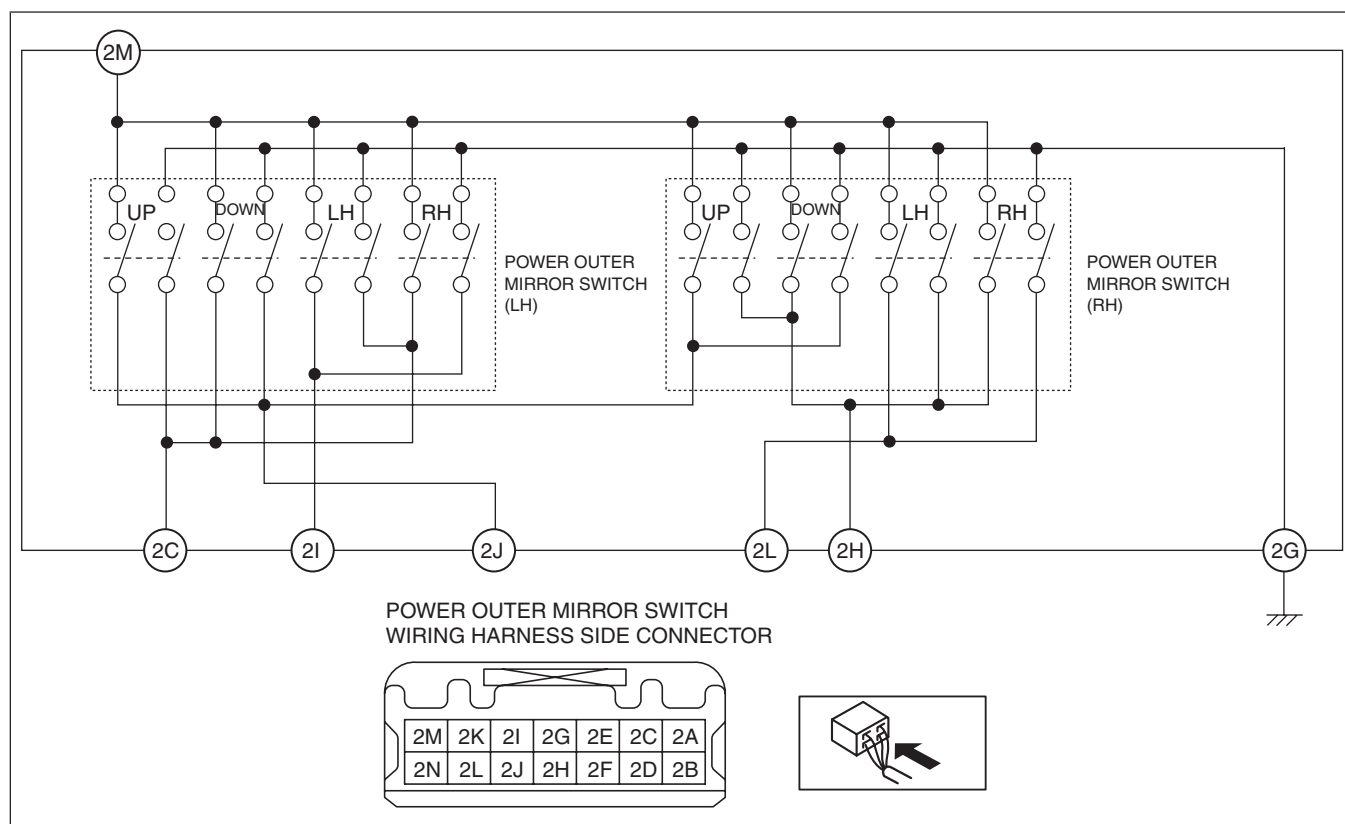
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2. Remove the power outer mirror switch. (See POWER OUTER MIRROR SWITCH REMOVAL/INSTALLATION.)
3. Verify that the continuity between the power outer mirror switch terminals is as indicated in the table.
 - If not as indicated in the table, replace the power outer mirror switch. (See POWER OUTER MIRROR SWITCH REMOVAL/INSTALLATION.)

Auto-open/close function for all windows



ac5wzw00003756

Auto-open/close function for driver-side



ac5wzw00003757

Auto-open/close function for all windows

○ — ○ : Continuity

Operation		2A	2B	2E	2G	2H	2J	2N
LH	UP	○	○			○		○
	DOWN	○	○			○		○
	LEFT	○	○		○			○
	RIGHT	○	○		○			○
RH	UP	○		○		○		○
	DOWN	○		○		○		○
	LEFT	○		○			○	○
	RIGHT	○		○			○	○

ac5wzw00003759

Auto-open/close function for driver-side

○ — ○ : Continuity

Operation		2M	2C	2H	2I	2J	2L	2G
LH	UP	○	○			○		○
	DOWN	○	○			○		○
	LEFT	○	○		○			○
	RIGHT	○	○		○			○
RH	UP	○		○		○		○
	DOWN	○		○		○		○
	LEFT	○		○			○	○
	RIGHT	○		○			○	○

ac5wzw00003760