

## AIR MIX ACTUATOR INSPECTION [FULL-AUTO AIR CONDITIONER]

id0740a1802500

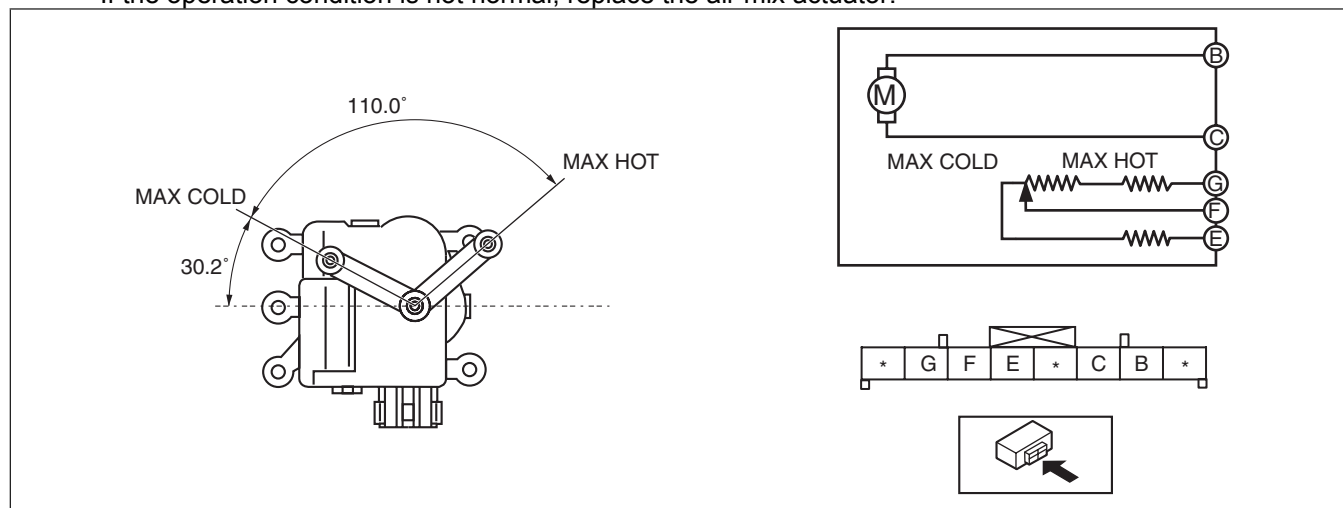
### Caution

- If the lever position exceeds the operation range shown in the figure, the circuit in the actuator could be damaged. Always perform an actuator operation inspection with the lever movement within the range shown in the figure.

### L.H.D.

#### Driver-side

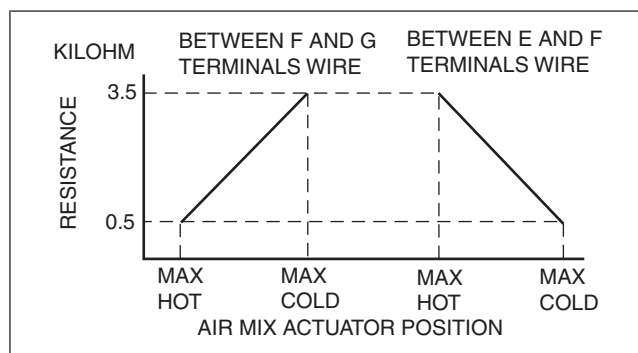
1. Connect battery positive voltage to air mix actuator terminal C (or B), connect terminal B (or C) to ground, and then verify that the air mix actuator operates as shown in the table.
  - If the operation condition is not normal, replace the air mix actuator.



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Terminal		Air mix actuator operation
B	C	
B+	Ground	COLD → HOT
Ground	B+	HOT → COLD

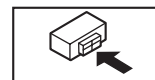
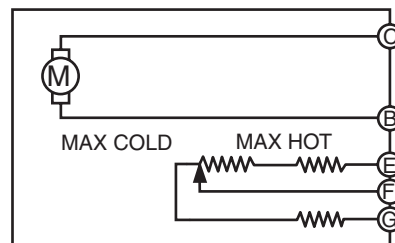
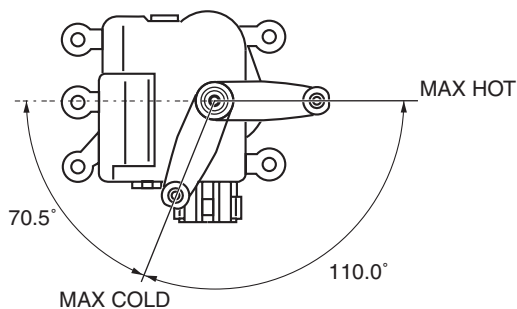
2. Verify that the resistance between terminals F and G, E and F matches the air mix actuator operation as shown in the graph.
  - If the operation condition and resistance are not normal, replace the air mix actuator.



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### Passenger-side

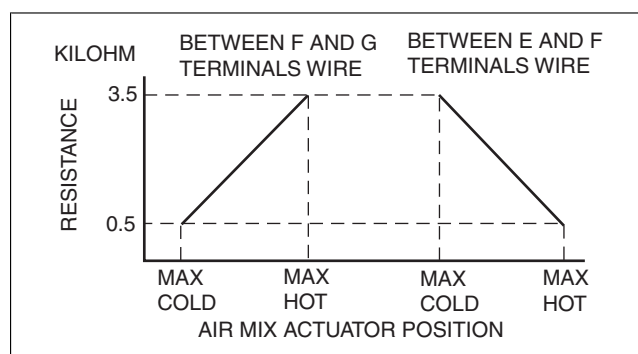
1. Connect battery positive voltage to air mix actuator terminal C (or B), connect terminal B (or C) to ground, and then verify that the air mix actuator operates as shown in the table.
  - If the operation condition is not normal, replace the air mix actuator.



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Terminal		Air mix actuator operation
B	C	
B+	Ground	HOT → COLD
Ground	B+	COLD → HOT

- Verify that the resistance between terminals F and G, E and F matches the air mix actuator operation as shown in the graph.
  - If the operation condition and resistance are not normal, replace the air mix actuator.

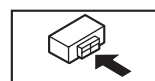
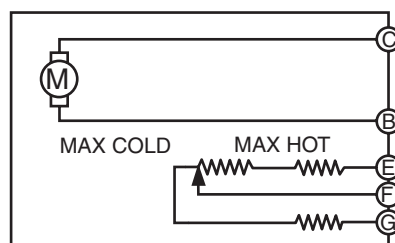
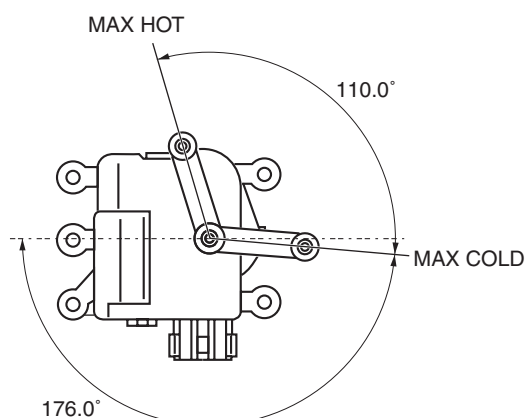


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## R.H.D.

### Driver-side

- Connect battery positive voltage to air mix actuator terminal C (or B), connect terminal B (or C) to ground, and then verify that the air mix actuator operates as shown in the table.
  - If the operation condition is not normal, replace the air mix actuator.

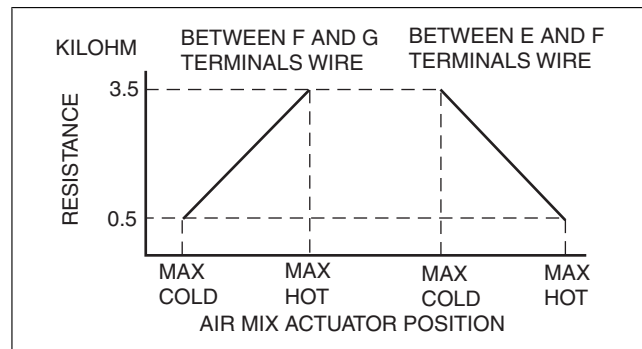


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Terminal		Air mix actuator operation
B	C	
B+	Ground	HOT → COLD

Terminal		Air mix actuator operation
B	C	
Ground	B+	COLD → HOT

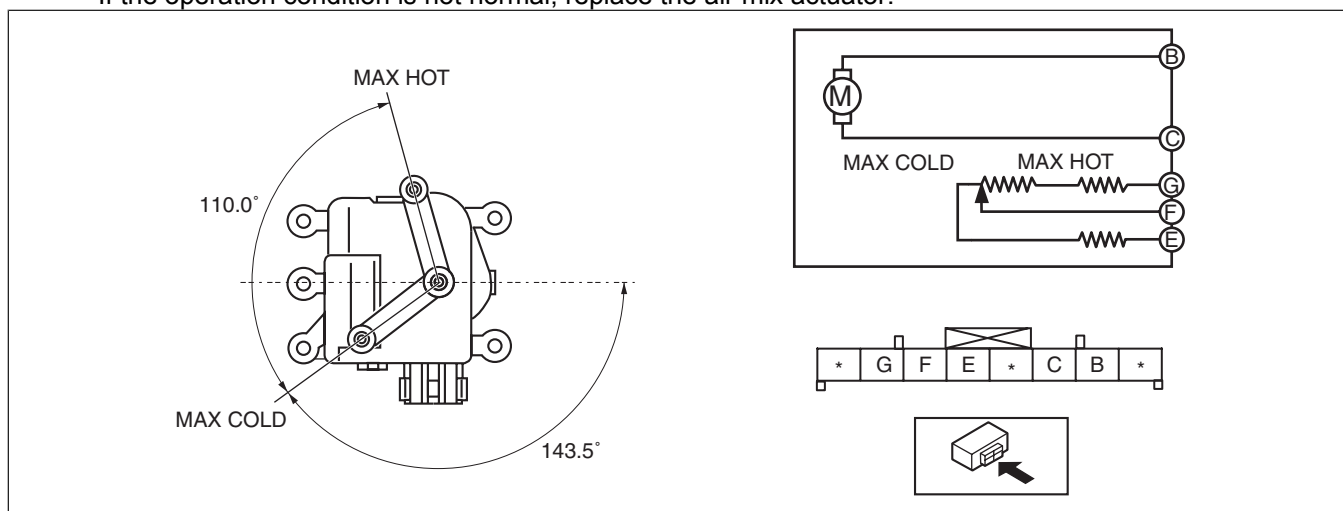
- Verify that the resistance between terminals F and G, E and F matches the air mix actuator operation as shown in the graph.
  - If the operation condition and resistance are not normal, replace the air mix actuator.



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### Passenger-side

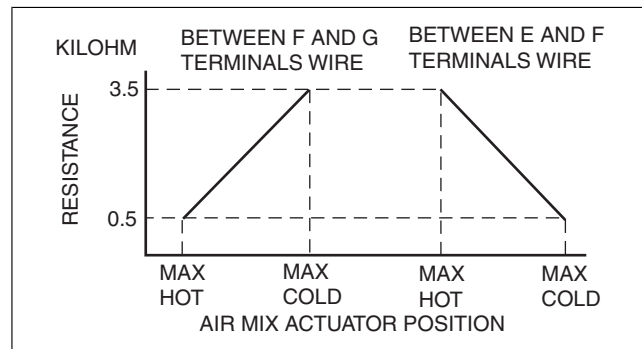
- Connect battery positive voltage to air mix actuator terminal C (or B), connect terminal B (or C) to ground, and then verify that the air mix actuator operates as shown in the table.
  - If the operation condition is not normal, replace the air mix actuator.



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Terminal		Air mix actuator operation
B	C	
B+	Ground	COLD → HOT
Ground	B+	HOT → COLD

- Verify that the resistance between terminals F and G, E and F matches the air mix actuator operation as shown in the graph.
  - If the operation condition and resistance are not normal, replace the air mix actuator.



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