

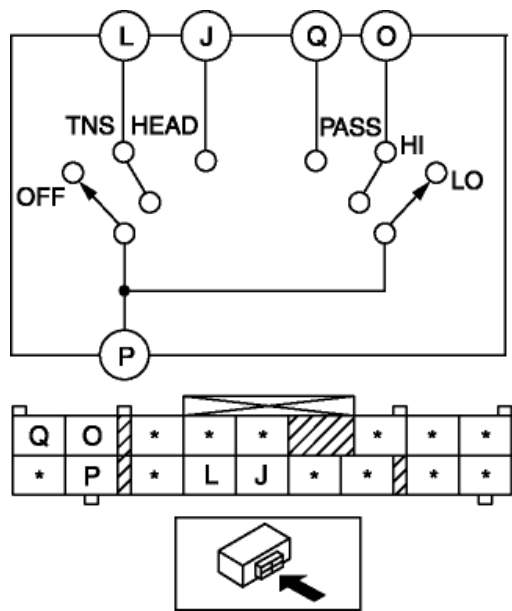
2012 - Mazda6 - Body and Accessories

LIGHT SWITCH INSPECTION

Vehicles Without Auto Light System

- 1. Disconnect the negative battery cable.
- 2. Remove the column cover. (See [COLUMN COVER REMOVAL/ INSTALLATION.](#))
- 3. Remove the light switch. (See [LIGHT SWITCH REMOVAL/ INSTALLATION.](#))
- 4. Verify that the continuity between the light switch terminals is as indicated in the table.
 - If not as indicated in the table, replace the light switch.

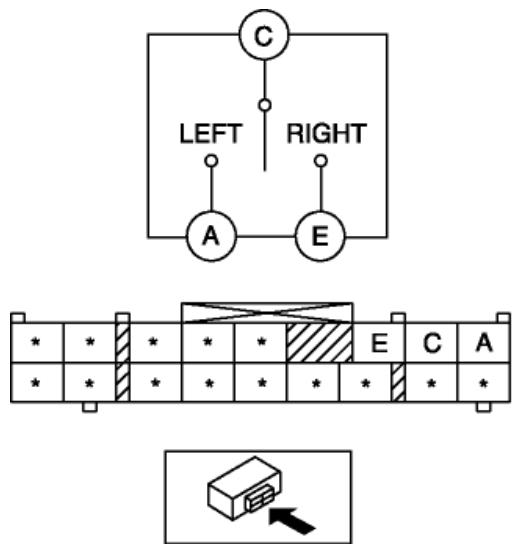
Light switch



○—○ : Continuity

Switch position			Terminal				
Light	Dimmer	Pass	J	L	P	O	Q
OFF	-	Off					
		On			○—○	○—○	
TNS	-	Off		○—○			
		On		○—○	○—○	○—○	
HEAD	LO	Off	○—○	○—○			
	LO	On	○—○	○—○	○—○	○—○	
	HI	-	○—○	○—○	○—○	○—○	

Turn switch



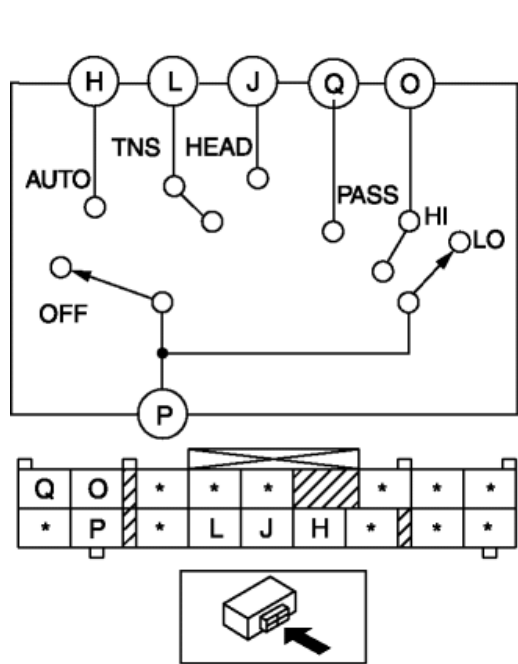
○—○ : Continuity

Switch position	Terminal		
	A	C	E
Left	○—○		
Off			
Right		○—○	

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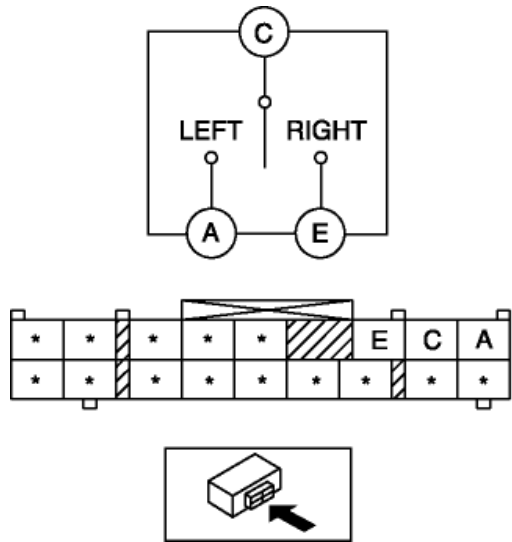
Light switch



○—○ : Continuity

Switch position			Terminal						
Light	Dimmer	Pass	J	L	P	O	Q	H	
OFF	-	Off							
		On			○—○	○—○			
TNS	-	Off		○—○					
		On		○—○	○—○	○—○	○—○		
HEAD	LO	Off	○—○	○—○	○—○				
		On	○—○	○—○	○—○	○—○	○—○		
	HI	-	○—○	○—○	○—○	○—○			
Auto	LO	Off			○—○			○—○	
		On			○—○	○—○	○—○	○—○	
	HI	-			○—○	○—○	○—○	○—○	

Turn switch



○—○ : Continuity

Switch position	Terminal		
	A	C	E
Left	○—○	○—○	
Off			
Right		○—○	○—○

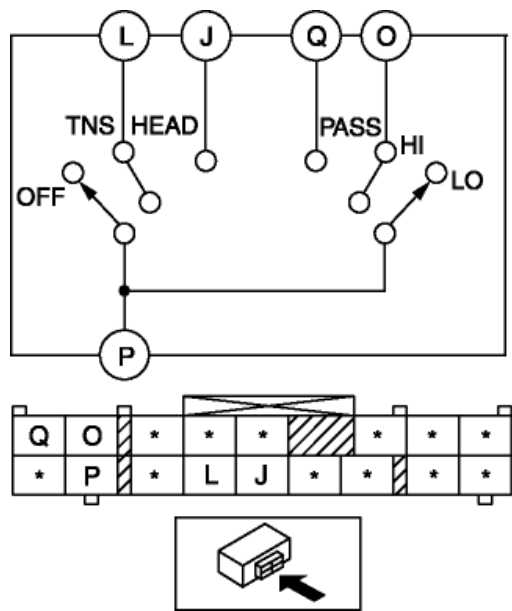
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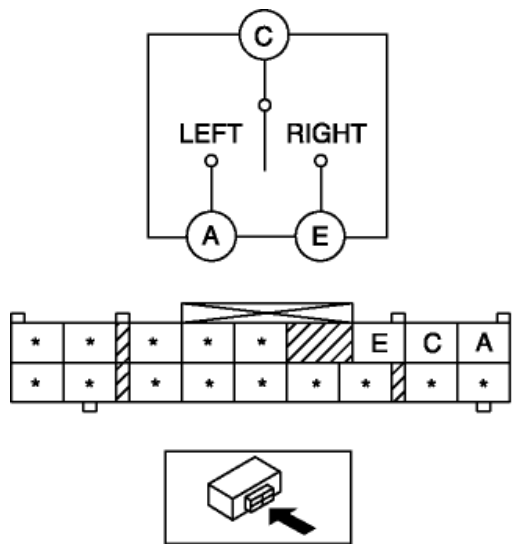
Light switch



○—○ : Continuity

Switch position			Terminal				
Light	Dimmer	Pass	J	L	P	O	Q
OFF	-	Off					
		On			○—○	○—○	
TNS	-	Off		○—○			
		On		○—○	○—○	○—○	
HEAD	LO	Off	○—○	○—○			
		On	○—○	○—○	○—○	○—○	
	HI	-	○—○	○—○	○—○	○—○	

Turn switch



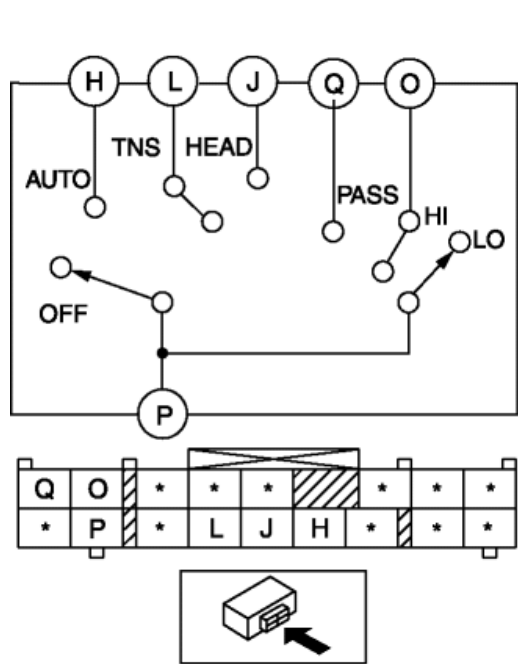
○—○ : Continuity

Switch position	Terminal		
	A	C	E
Left	○—○		
Off			
Right		○—○	

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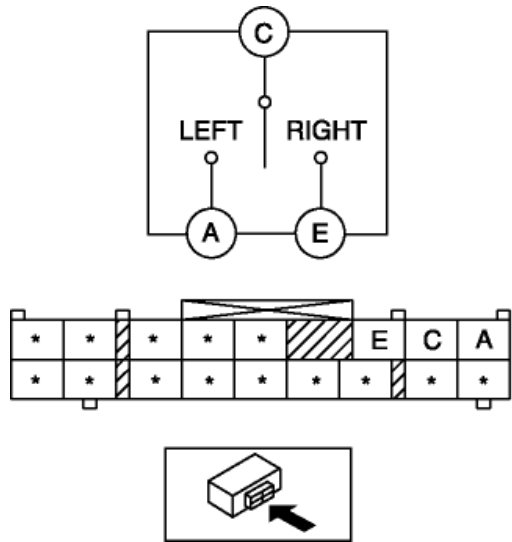
Light switch



○—○ : Continuity

Switch position			Terminal						
Light	Dimmer	Pass	J	L	P	O	Q	H	
OFF	-	Off							
		On			○—○	○—○			
TNS	-	Off		○—○					
		On		○—○	○—○	○—○	○—○		
HEAD	LO	Off	○—○	○—○	○—○				
		On	○—○	○—○	○—○	○—○	○—○		
Auto	LO	Off				○—○	○—○	○—○	
		On				○—○	○—○	○—○	○—○
	HI	-				○—○	○—○	○—○	○—○

Turn switch



○—○ : Continuity

Switch position	Terminal		
	A	C	E
Left	○—○	○—○	
Off			
Right		○—○	○—○