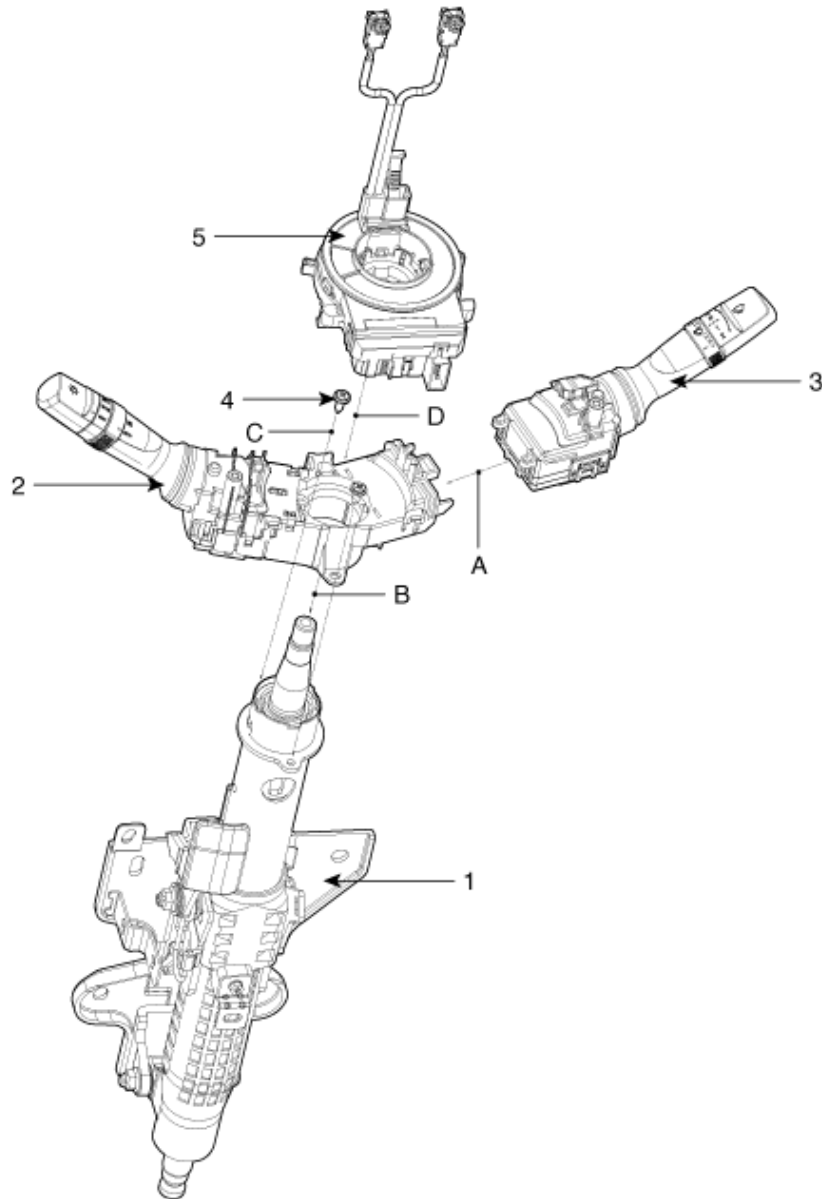


GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Body Electrical System > Multifunction switch > Specifications

Specifications

Items		Specifications
Rated voltage		DC 12V
Operating temperature range		-30°C ~ +80°C (-22 ~ +176°F)
Rated load	Dimmer & passing switch	High : 0.2A (Relay load) Low : 0.2A (Relay load) Passing : 0.2A (Relay load)
	Lighting switch	Lighting : 0.2A (Relay load)
	Turn signal & lane change switch	6.6 ± 0.5A (Lamp load)
	Front fog lamp switch	0.2A (Relay load)
	Wiper & mist switch	Low, High : 4.5A (Motor load) Intermittent : 0.22 ± 0.5A (Relay load) Lock : Max. 28A (Motor load)
	Washer switch	4A (Motor load)
	Variable intermittent volume switch	Max. 25mA

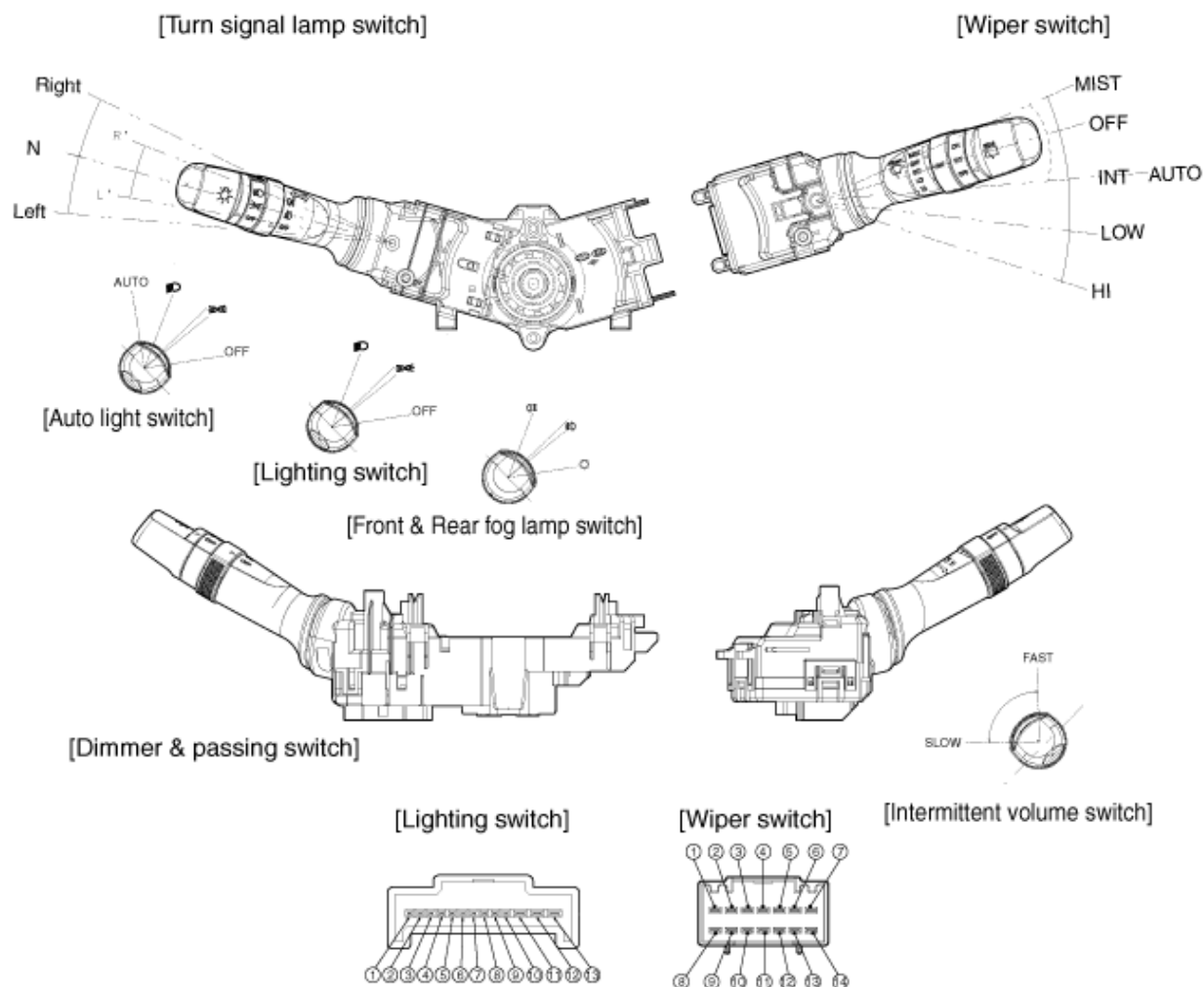
Component (1)



<Installation order : A→B→C→D>

- | | |
|----------------------------|-----------------|
| 1. Steering column shaft | 4. Screw |
| 2. Lighting switch | 5. Clock spring |
| 3. Wiper and washer switch | |

Component (2)

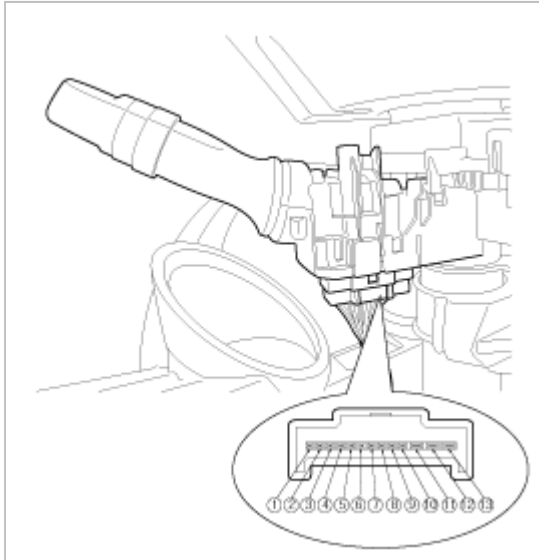


Connector	Pin NO.	Name	Connector	Pin NO.	Name
Lighting SW (13pin)	1	Tail lamp sw	Wiper & washer SW (14pin)	1	Mist sw
	2	Lighting sw ground		2	Wiper parking
	3	Auto light sw		3	Wiper low speed
	4	H/lamp sw		4	Intermittent volume base
	5	Fog sw base		5	Intermittent time base
	6	Front fog sw		6	-
	7	-		7	-
	8	Head lamp low beam		8	Intermittent wiper sw
	9	Head lamp high beam		9	Wiper high speed
	10	Dimmer sw base		10	IGN(2)- Front washer & wiper
	11	Turn signal lamp - left		11	Front washer
	12	Turn signal base		12	-
	13	Turn signal lamp - right		13	-
				14	-

Inspection

Lighting Switch Inspection

With the multi function switch in each position, make sure that continuity exists between the terminals below. If continuity is not as specified, replace the multi-function switch.



Lighting Switch (Auto Light)

Terminal Position	1	4	3	2
OFF				
I	○	—	—	○
II	○	○	—	○
AUTO			○	○

Lighting Switch

Terminal Position	1	4	2
OFF			
I	○	—	○
II	○	○	○

Dimmer And Passing Switch

Terminal Position	2	9	8	10
HU		○	—	○
HL			○	○
P	○	○	—	○

HU : Head lamp high beam

HL : Head lamp low beam

P : Head lamp passing switch

Turn Signal Switch

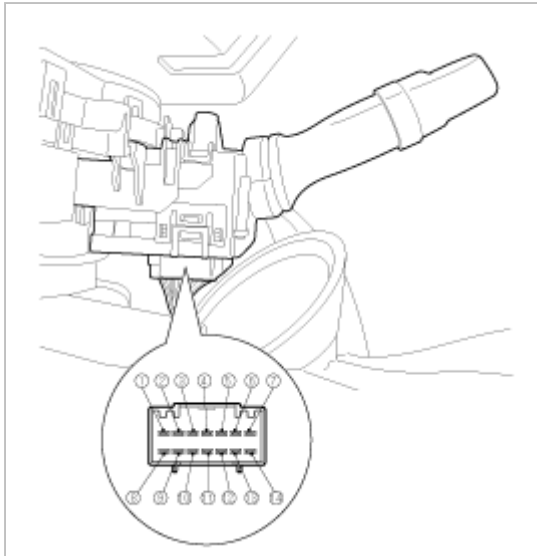
Terminal		13	12	11
Hazard switch	Trun signal switch			
OFF	L		○ — ○	
	N			
	R	○ — ○		

Front Fog Lamp Switch

Terminal		5	6	9
Position				
OFF				
Front		○ — ○		

Wiper And Washer Switch Inspection

With the multi function switch in each position, make sure that continuity exists between the terminals below. If continuity is not as specified, replace the multi-function switch.



Wiper Switch

Terminal		9	3	2	1	10	8	4	5
Position									
MIST			○ — ○		○ — ○				
OFF			○ — ○						
INT			○ — ○			○ — ○		○ — ○	
LOW			○ — ○		○ — ○				
HI		○ — ○			○ — ○				

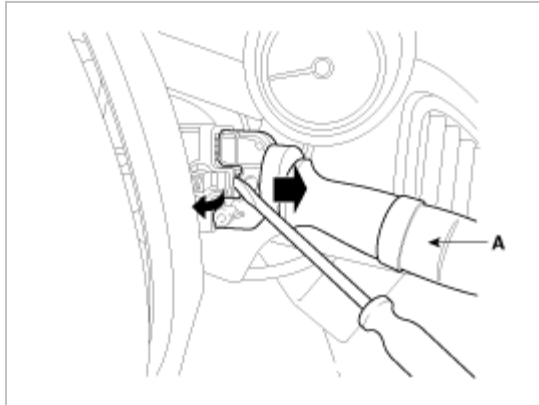
Washer Switch

Terminal		11	10
Position			
OFF			
ON		○ — ○	○ — ○

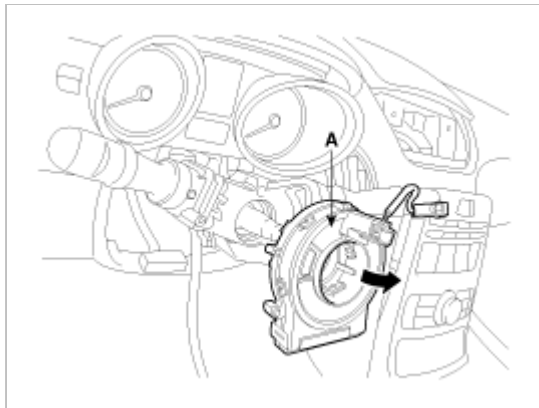
Removal

1. Disconnect the negative (-) battery terminal.

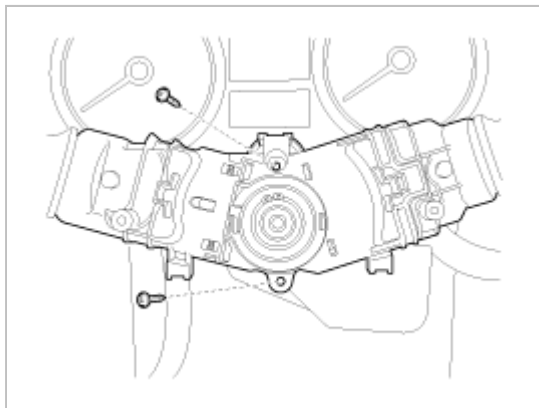
2. Remove the steering wheel.
(Refer to ST group - "Steering column & shaft")
3. Remove the steering column upper and lower shrouds after removing 3 screws.
4. If necessary of removing the wiper & washer switch, release the lock of wiper switch using tool without removing the steering wheel.



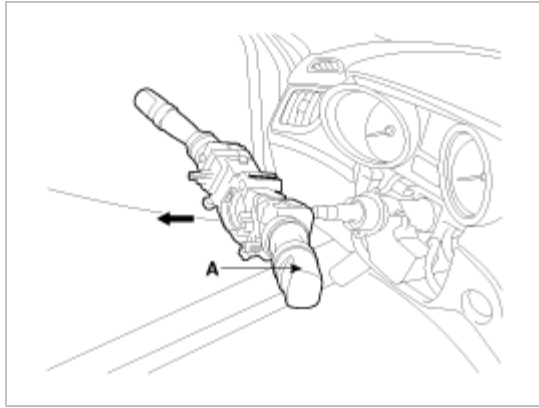
5. Remove the clock spring(A).



6. Loosen the screws from the multifunction switch assembly.



7. Remove the multifunction switch assembly(A) after loosening the connectors.



Installation

1. Install the multifunction switch.
2. Install the clock spring.
3. Install the steering column upper and lower shrouds.
4. Install the steering wheel.

NOTE

Make sure the multifunction switch connectors are plugged in properly.