

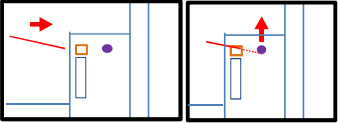





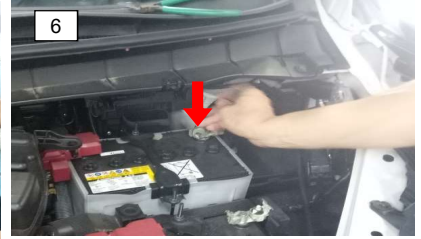












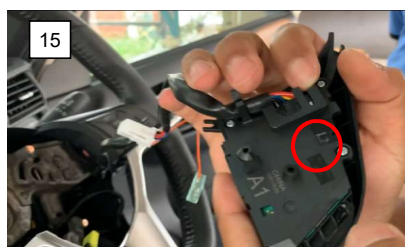

OPERATION NAME <b>AUDIO STEERING SWITCH INSTALLATION FOR NISSAN SERENA C27</b>		SAFETY FIRST (EQUIPMENT & INSTRUCTION) - Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes - Make sure hand hold connector when unplugging - Ensure 'click' sound when plug in connector	VITAL PORTION	DATE 20.2.20			
				PREPARED BY Tan KW			
				MGR OK Ng WY			
				GK OK			

NO.	MAIN STEP	TIME	KEY POINT	REASON	DRAWINGS/PHOTO/PROCES FLOW	
1	Turn the Steering to 90 degree left or right.					
2	Used an Allen Key, hold it inclined and put in to the top square hole as shown. Then, lift up the internal coil to release the Airbag Hook as shown. Repeat at the other side.					
3	Push in the internal pawl to release the Airbag as shown.					
4	Open the bonnet as shown.					
5	Remove 2 clips and then remove the battery protection panel as shown.		Becareful NOT to push the center of clips too much, it may fall INSIDE the metal frame. It cannot be taken out once dropped in.			
6	Use M10 wrench to open up the nut at negative terminal connection as shown.		BIG battery, not the smaller battery.			
7	Remove the negative terminal as shown.		<b>Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes</b>	To prevent air bea accident release during removing or installing process.		
8	Remove the horn ground terminal as shown.					

DOCUMENT NO.:	TOOLS USED Removal Tool, M10 Wrench, Allen Key	MATERIALS USED	PARTS USED	SHEET NO. 1 / 4
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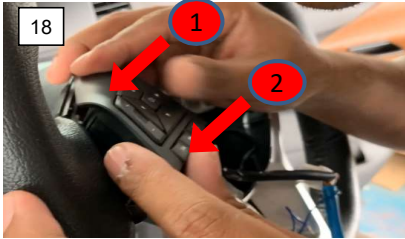





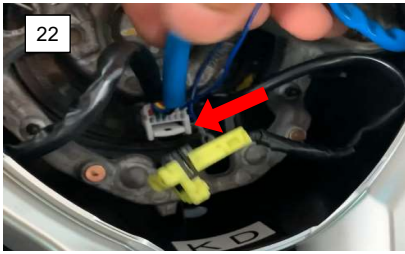
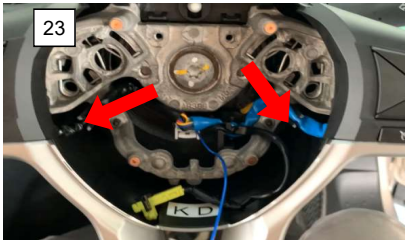

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			PREPARED BY	Tan KW		
			MGR OK	Ng WY		
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NO.	MAIN STEP	TIME	KEY POINT	REASON	DRAWINGS/PHOTO/PROCES FLOW
9	Release the small clip and then remove the Airbag connector at steering wheel as shown.				
10	Remove the steering switch connector as shown.				
11	Disengage the steering switch cable from the cable holder as shown.				
12	Open the V panel as shown.		DO NOT NEED TO REMOVE ENTIRE silver trim. Just pull out both sides partially is OK.	To prevent break the two clips at the base.	
13	Remove the left side steering switch as shown.		Clips underneath may be broken.		
14	Remove the right side steering switch as shown.		Clips underneath may be broken.		
15	Check the numbers of broken steering switch plug as shown.				
16	Use long nose plier to remove the plug as shown.		Must fully remove the broken plug in the Steering Wheel	Cannot fit the new Steering Switch	

DOCUMENT NO.:	TOOLS USED	MATERIALS USED	PARTS USED	SHEET NO.
REVISION NO:	Long Nose Plier, Removal Tool			2
ISSUE DATE:				4



OPERATION NAME <b>AUDIO STEERING SWITCH INSTALLATION FOR NISSAN SERENA C27</b>	SAFETY FIRST (EQUIPMENT & INSTRUCTION) - Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes - Make sure hand hold connector when unplugging - Ensure 'click' sound when plug in connector	VITAL PORTION	DATE	20.2.20		
			PREPARED BY	Tan KW		
			MGR OK	Ng WY		
			GK OK			

NO.	MAIN STEP	TIME	KEY POINT	REASON	DRAWINGS/PHOTO/PROCEES FLOW	
17	Replace with the new steering switch as shown.					
18	Slowly Insert the "plug 1" to the rubber holder as shown. And follow by the "plug 2"					
19	When you felt the "plug 2" is in the correct position, fully push in the steering switch into it as shown.		Make sure the steering is fitted in correct position.			
20	Repeat step 18 to 19 at the right side as shown.					
21	Close back the V panel as shown.					
22	Connection the steering switch terminal as shown.					
23	Place in the steering switch wire in the wire holder as shown.					
24	Connect back the Airbag terminal as shown.		Ensure black lock clip is pushed in as well.			

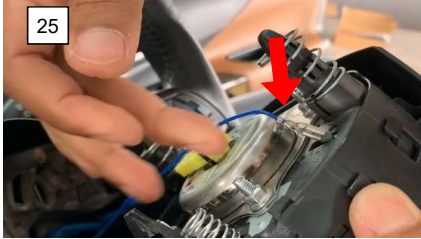


DOCUMENT NO.:	TOOLS USED	MATERIALS USED	PARTS USED	SHEET NO.
REVISION NO:				3
ISSUE DATE:				4



## STANDARD OPERATION SHEET (PROCEDURE TYPE)



OPERATION NAME		SAFETY FIRST (EQUIPMENT & INSTRUCTION)		VITAL PORTION					
<b>AUDIO STEERING SWITCH INSTALLATION FOR NISSAN SERENA C27</b>		<ul style="list-style-type: none"> <li>- Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes</li> <li>- Make sure hand hold connector when unplugging</li> <li>- Ensure 'click' sound when plug in connector</li> </ul>							
						DATE	20.2.20		
						PREPARED BY	Tan KW		
						MGR OK	Ng WY		
		GK OK							

NO.	MAIN STEP	TIME	KEY POINT	REASON	DRAWINGS/PHOTO/PROCEES FLOW
25	Connect the horn ground terminal as shown.				
26	Fit in the Air bag into the steering wheel as shown.				
27	Reconnect back the car battery and test the steering switch and horn function.		make sure all the steering switch button is function.		

**Note: For Clarion Radio Head Unit, No Steering Switch learning mode needed.  
: For Android DVD Navigtor learning process please refer to SOP- "Serena C27"**

DOCUMENT NO.:	<u>TOOLS USED</u>	<u>MATERIALS USED</u>	<u>PARTS USED</u>	SHEET NO.
REVISION NO:				4
ISSUE DATE:				4