



I40/i40FX LED Strip Installation SOP

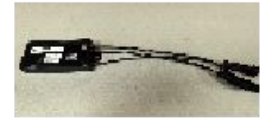
Part List



NO	Part Number	Part Name	Specification	QTY	Unit	Ref Image	Remark
1	3302031524	Left corner baffle for LED strip	1mm cold-rolled steel/Q235, electrophoresis + powder coating, matte black	1	PCS		
2	3302031527	Right corner baffle for LED strip	1mm cold-rolled steel/Q235, electrophoresis + powder coating, matte black	1	PCS		
3	4103110632	Phillips head countersunk self-drilling self-tapping screw	GB/T 15856.2- ST4.2×19, carbon steel, black zinc, electropolated	4	PCS		
4	3410000223	EVA strip	L= 10m/roll, 15mm*3.0mm, comes with 3M adhesive, black	1	PCS		
5	3208019682	LED strip	12V, 14.4W, 5000mm*8mm*15.4mm, RGB, LED strip with wires at both ends (black + power cord at one end), side-bending, IP67, 4+2 sockets	1	PCS		
6	3411013737	Roof LED strip bracket	3mm transparent acrylic sheet,	13	PCS		
7	4103010883	Phillips head pan head screw	GB/T818- M4×16, A2-70, Dacromet black, salt spray 120 hours	13	PCS		

Part List



NO	Part Number	Part Name	Specification	QTY	Unit	Ref Image	Remark
8	3205025841	Connecting cable (power supply)	A1, 3- core power extension cable for ceiling light strip (male end, female end)	1	PCS		
9	3205025842	Connecting cable (power supply)	A1, 2- core power extension cable for ceiling light strip (male end, female end)	1	PCS		
10	3203029826	Controller (with housing)	12V, ambient light controller assembly, processing the 3203029798 controller into DJ7031- 1.5- 11/DJ7021- 1.5- 11 connectors,	1	PCS		
11	4103110874	Phillips head pan head self- drilling self- tapping screw	GB/T 15856.1- ST4.8×13, A2- 70, Natural Stainless Steel	2	PCS		i40
12	4103010234	Phillips head pan head screw	GB/T823- M5×10, A2- 70, Salt Spray 300 Hours, Natural Stainless Steel	2	PCS		i40fx
13	3401015723	Pipe end plug (machined)	Processed with pipe end plug of part number 3401000274, used for A- post of FX60	2	PCS		
14	3301031406	LED strip wiring harness fixing plate	Q235, thickness 1.5mm, electrophoresis + powder coating, matte black	2	PCS		

Tools



1. Electric drill * 1 pcs



2. Phillips head
punch * 1 pcs



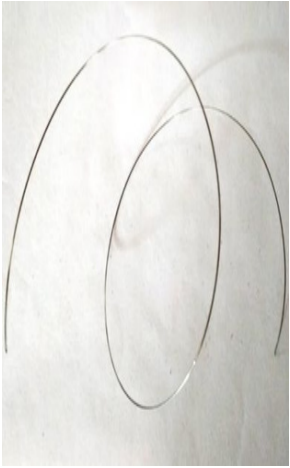
3. 10mm
wrench * 1 pcs



4. 15mm socket
wrench * 1 pcs



5. 5mm Allen
wrench * 1 pcs

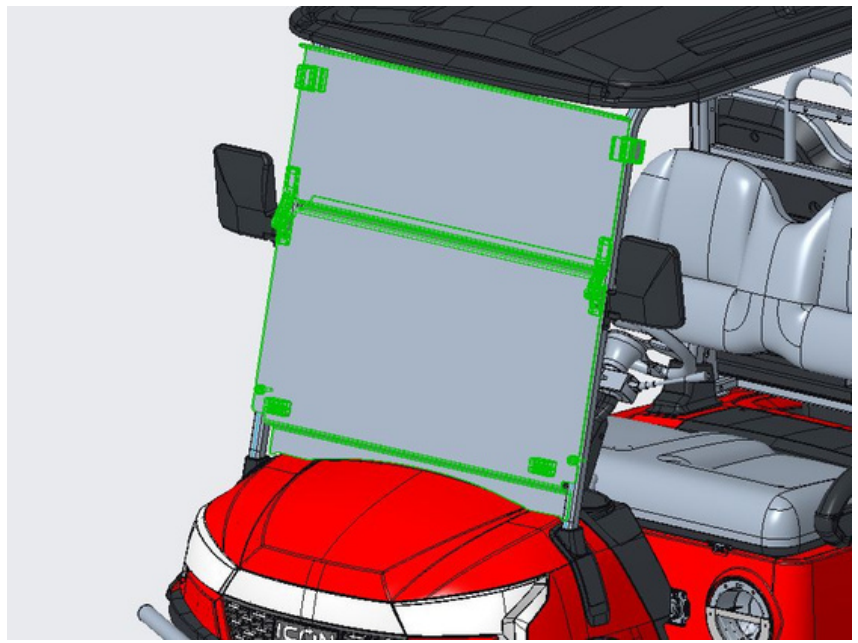


6. Thin wire * 1 pcs

Step 1



Tools Used



A. Remove the windshield



B. Remove the driver's side A-post

Step 2



- A. First, remove the screws from the side mirror to facilitate subsequent wiring;
- B. Use a thin wire to thread the No. 9 connecting wire through the A-post;
- C. Reinstall the screws on the side mirror;
- D. Replace the pipe cap at the top of the A-post with part No. 13.

Note: The driver's side uses a two-core wire with a female connector at the bottom, as shown in the picture above.

Tools Used



Step 3



A. Restore the driver's side A-post;

B. Remove the driver's side cupholder;

C. Connect the LED strip wiring to the pre-installed interface through the cupholder mounting holes;

D. Restore the cupholder.

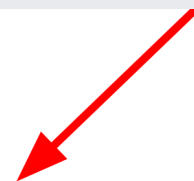
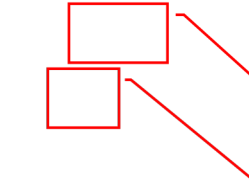
Tools Used



Step 4



Tools Used



- A. First, remove the screws from the side mirror to facilitate subsequent wiring;
- B. Use a thin wire to thread the No. 8 connecting wire through the A-post;
- C. Reinstall the screws on the side mirror;
- D. Replace the pipe cap at the top of the A-post with part No. 13.

Note: The passenger side uses a three-core cable with a female connector at the bottom, as shown in the picture

Step 5



Tools Used



A. Restore the A-post on the passenger side.

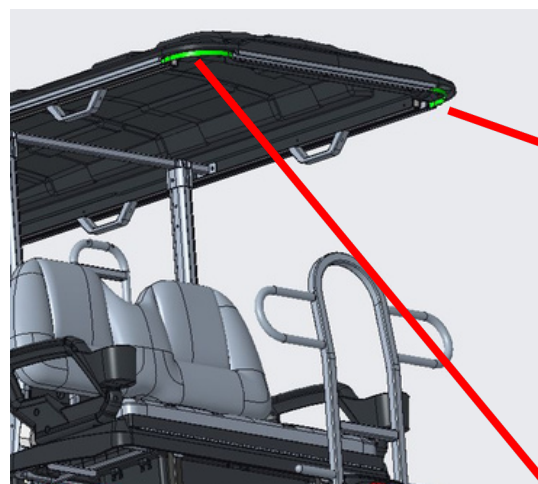


B. Remove the cupholder on the passenger side.

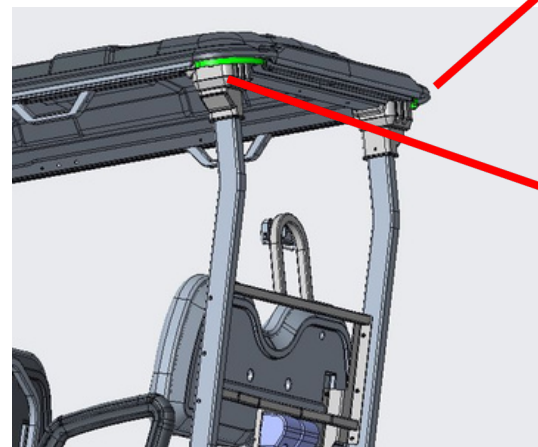
C. Connect the LED strip wiring to the pre-installed connector through the cupholder mounting holes.

D. Restore the cupholder.

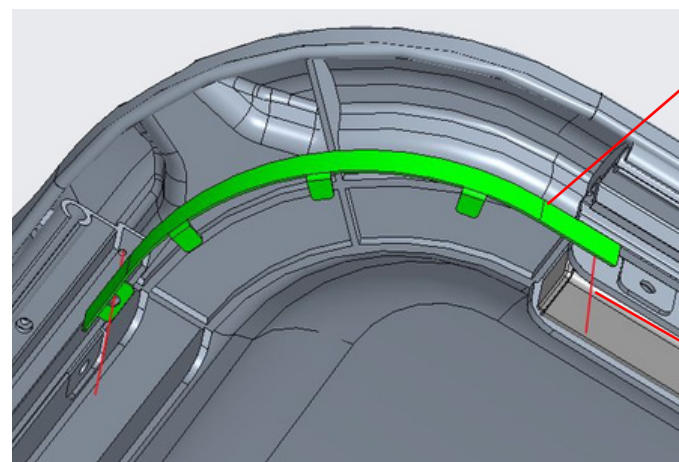
Step 6



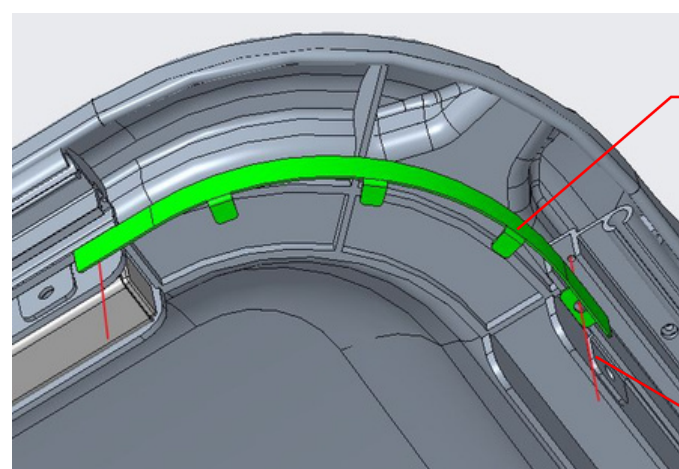
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Install the corner baffle on the right side of the light strip installation.



Install the corner baffle on the left side of the light strip installation.

Tools Used



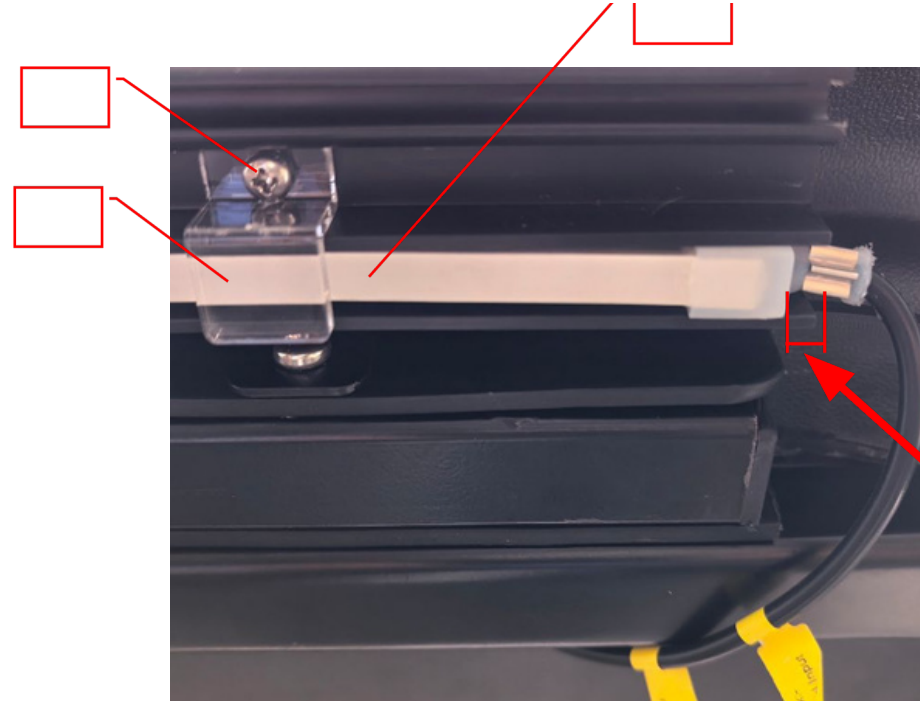
Step 7



Remove

A. Attach EVA to one side of the LED strip slot (wipe off surface dust with a cloth before attaching);

B. Remove the screws securing the LED strip to the rain curtain slot;



About 5mm

C. Insert the LED strip into the slots along the A-post, and then install the LED strip brackets to secure the strip.

(Note: 1. One end of the LED strip has two cores, and the other end has three cores; the corresponding connection wires on the pillar must be used. Pay attention to the differences; 2. This step is recommended to be done by two people, as the LED strip can be bent laterally, but excessive forward bending may damage the strip.)

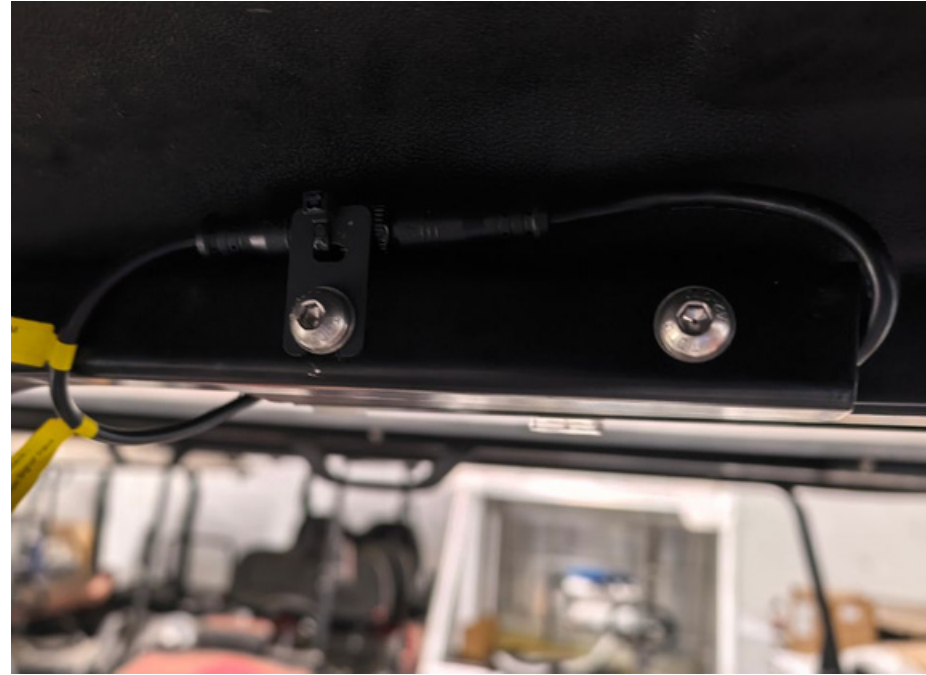
Tools Used



Step 8



A. Secure the LED strip wiring harness fixing plate to the first mounting hole on post A;

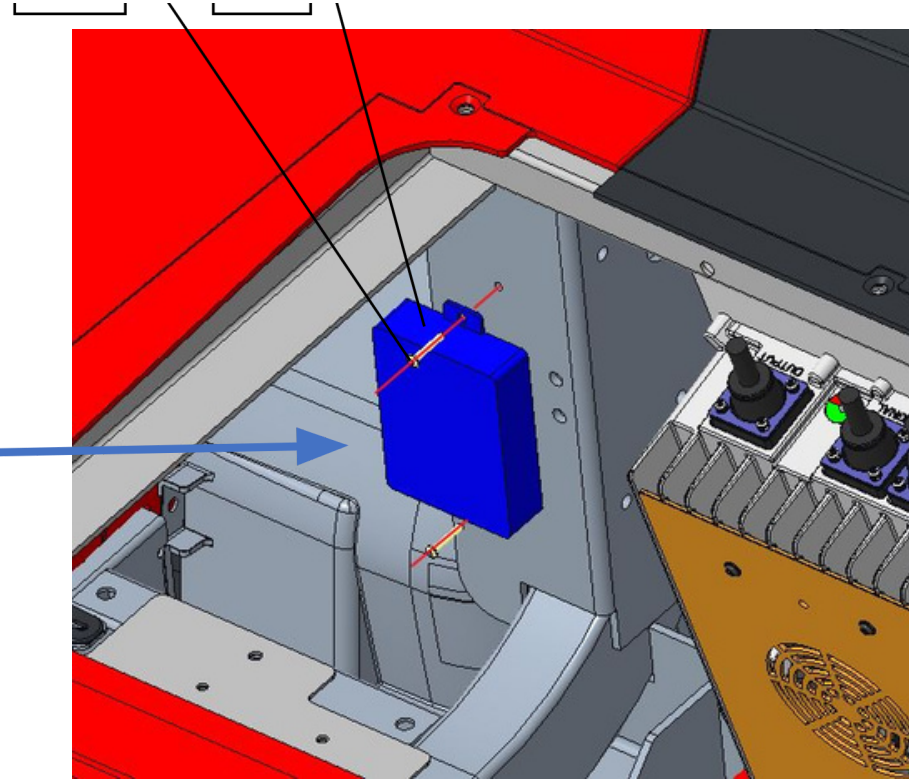


B. Connect the LED strip connecting wires and secure the connector to the fixing plate with cable ties;

Tools Used



Step 9



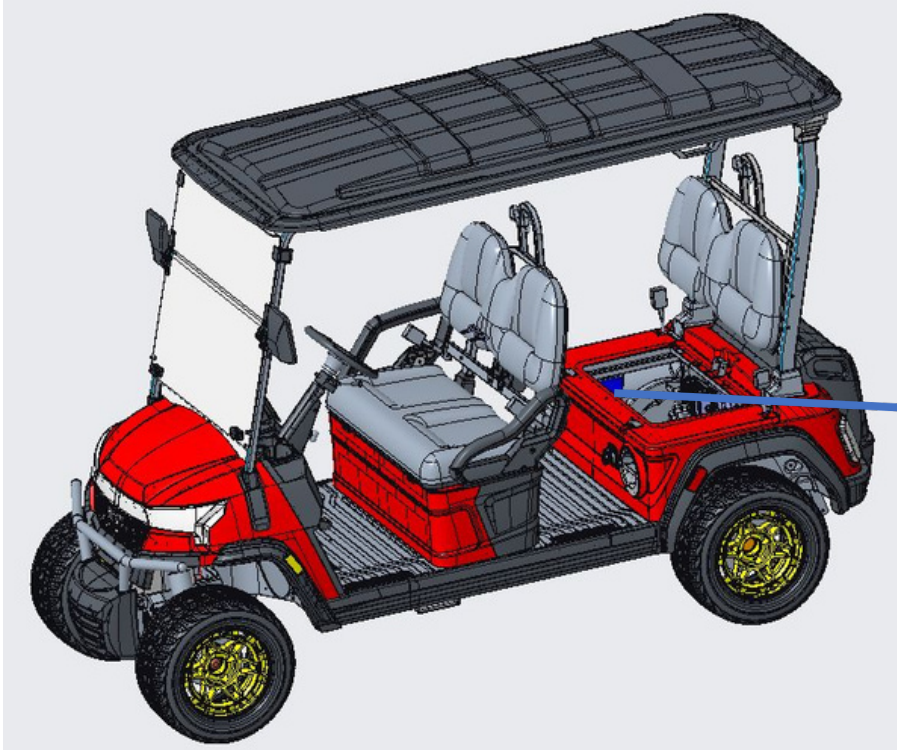
Tools Used



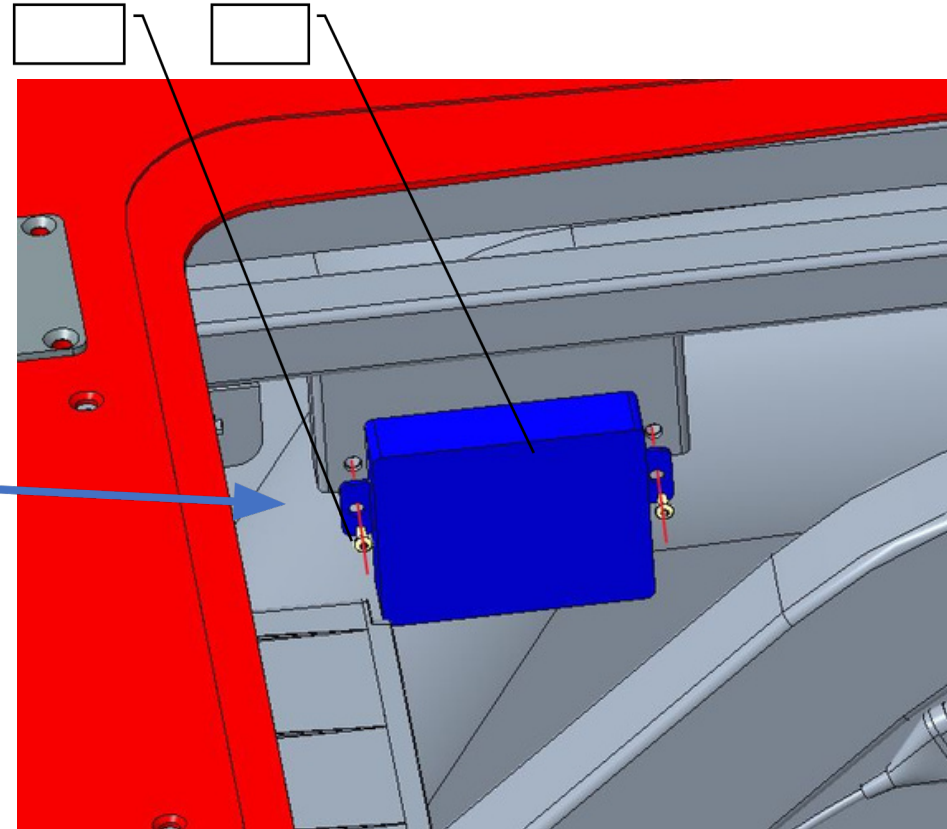
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- A. Connect the controller to the pre-installed wiring harness of the vehicle's light strip, and test the light strip's functionality.
- B. Install the light strip controller and secure it to the vehicle frame using self-tapping screws (pre-drilled holes are provided in the frame).

Step 9



i40FX

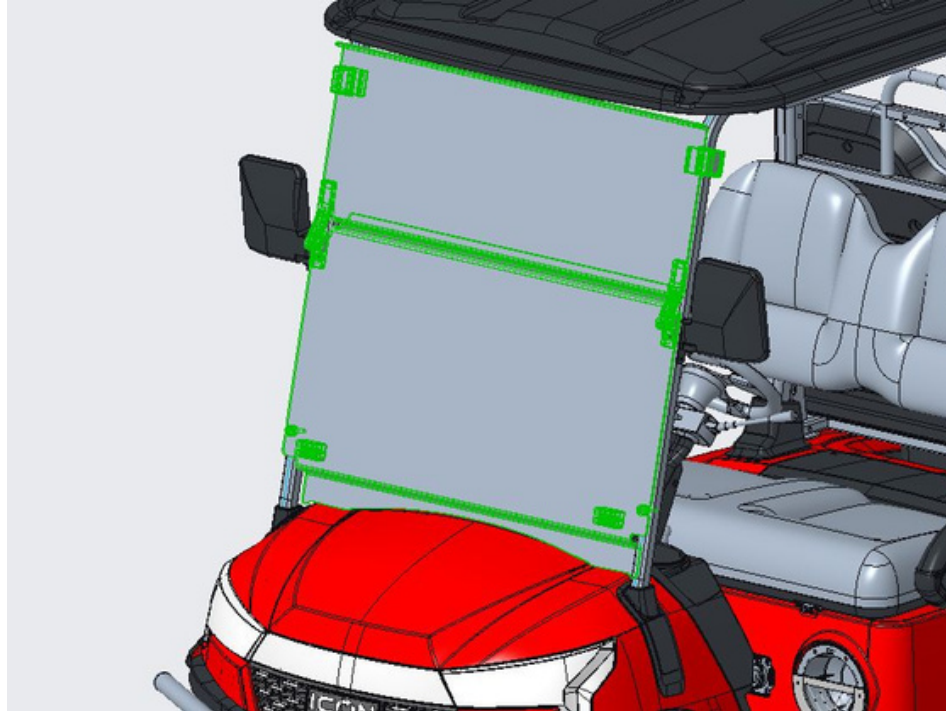


- A. Connect the controller to the pre-installed wiring harness of the vehicle's light strip, and test the light strip's functionality.
- B. Install the light strip controller and secure it to the vehicle frame using self-tapping screws (pre-drilled holes are provided in the frame).

Tools Used



Step 10



The windshield installation and all steps for assembling the light strip are now complete.

Tools Used

