



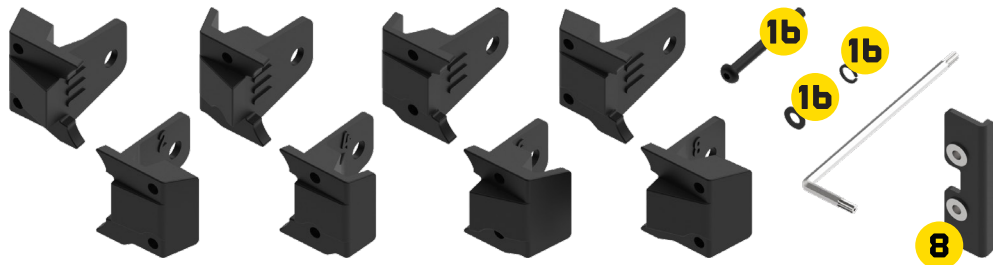
### WARNING - BEFORE INSTALLING THIS PRODUCT

- The carbon fiber blend front brackets are incredibly strong, but the material will crack if excessively tightened. **DO NOT OVERTIGHTEN.**
- We recommend using a light source to ensure that the mounting holes are aligned for steps 3 and 8.



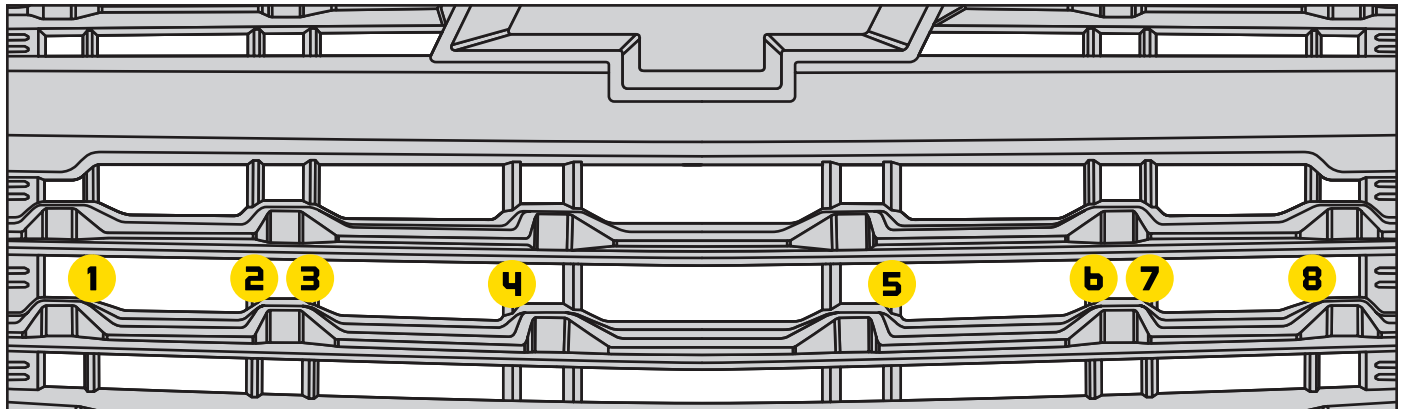
### INCLUDED

- 8x Front Brackets
- 8x Rear Backplates
- 16x M4 Screws
- 16x M4 Lock Washers
- 16x M4 Flat Washers
- 1x T15 Torx Wrench



### INSTALLATION

Note: Each front bracket is unique and is numbered #1-8 (Fig. A). These numbers align with the position in which they install on the grille.



1. Pre-install all front brackets except #2 and #7 on the light bars using the hardware that comes with the lights. Do this by inserting a M6 screw through a M6 lock washer, M6 washer, bracket, and into the light (Fig. B). Note the orientation when installing (SAE information faces up). Tighten with the hex wrench.
2. Prepare the hardware stack needed next by inserting a M6 screw through a M6 lock washer and M6 washer (Fig. C).
3. Note: This step requires patience. We recommend using a light source to ensure that the mounting holes are lined up. When inserting the hardware stack, take care to keep the stack together.

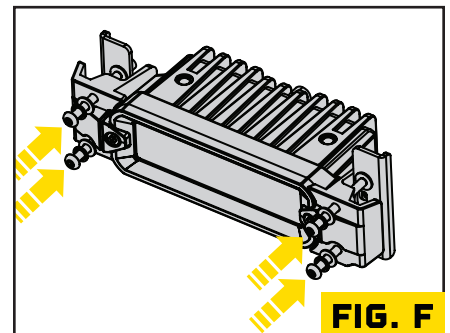
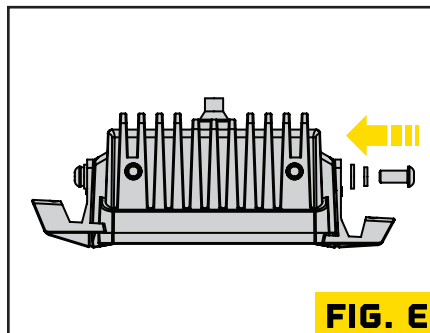
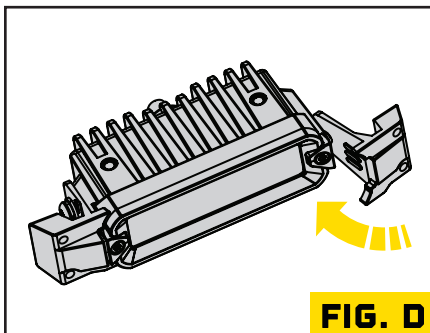
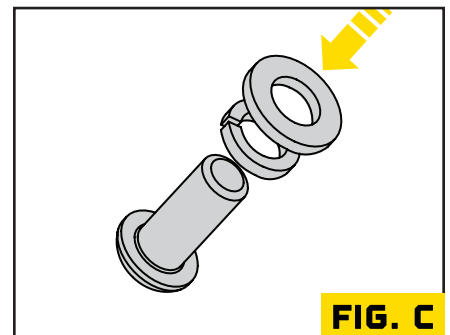
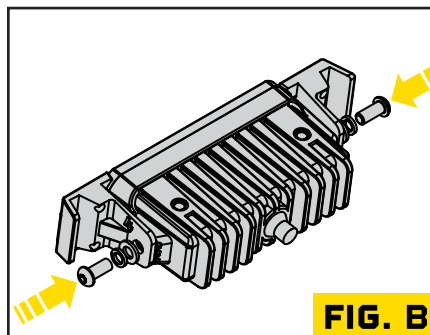
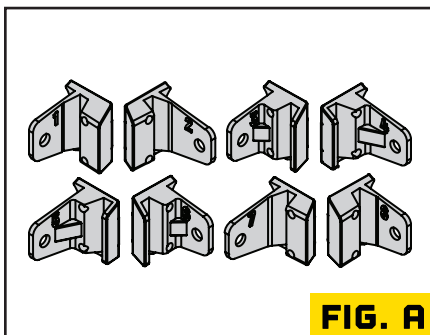
Insert the light bar with bracket #1 into its position in the grille. Angle the light out slightly and insert bracket #2 into position (Fig. D). Take the prepared hardware stack from the previous step and insert it through the bracket and into the light bar (Fig. E). Once the screw is started, hand tighten as much as possible. Finish tightening with the hex wrench.



4. Place a backplate behind the left side of the light. The notch faces towards the light and the flat side goes against the grille. For each mounting hole, insert a M4 screw through a M4 lock washer, M4 flat washer, front bracket, and into the backplate. Tighten with the Torx wrench and repeat for the right side. (Fig. F).
5. Insert the light bar with bracket #3 and #4 pre-installed into its position in the grille.
6. Place a backplate behind the left side of the light. Insert a M4 screw through a M4 lock washer, M4 flat washer, front bracket, and into the backplate and tighten. Repeat for the right side.
7. Prepare the hardware stack needed next by inserting a M6 screw through a M6 lock washer and M6 washer (Fig. C).
8. Note: This step is a mirror of step 3 so the same tips apply.

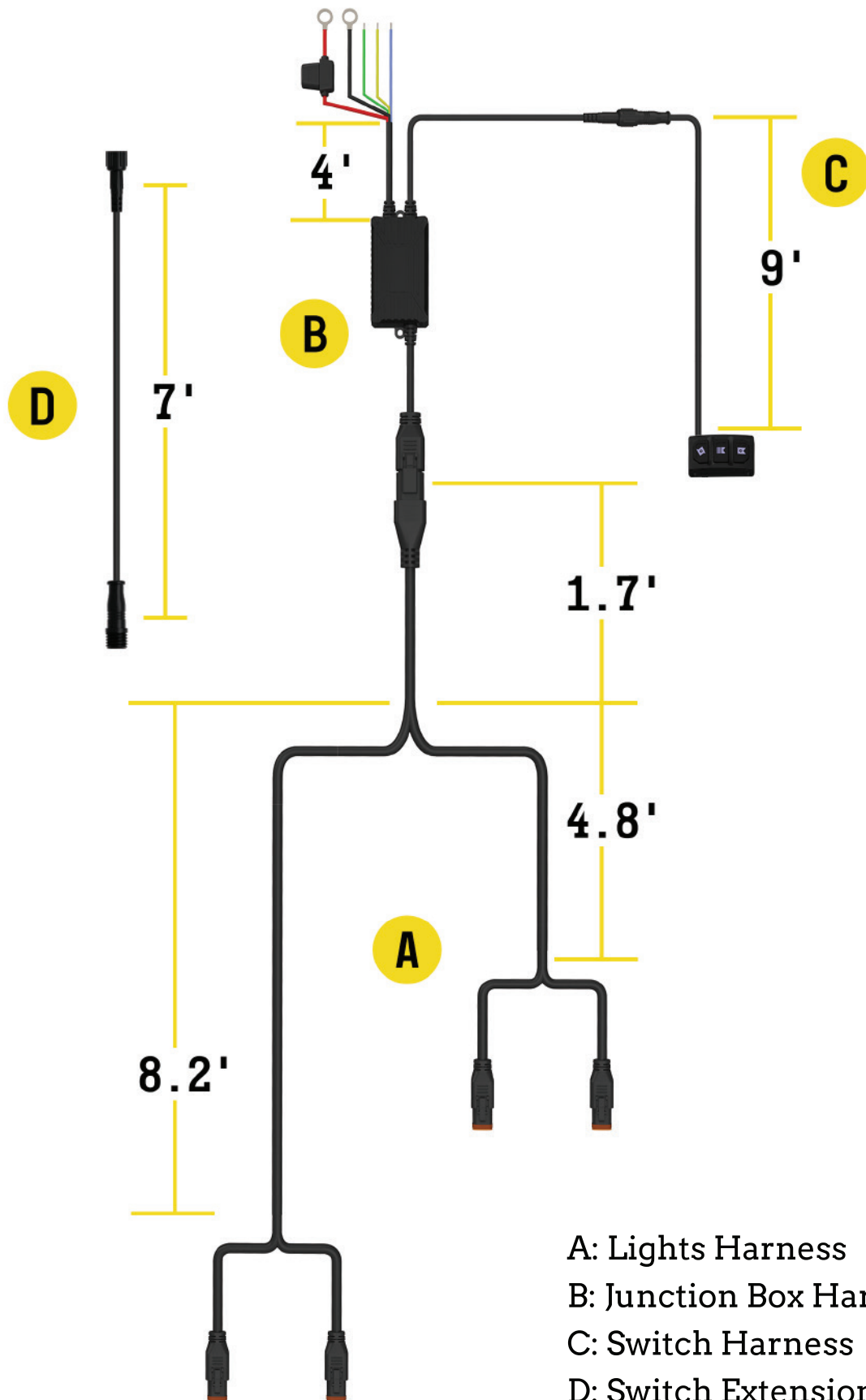
Insert the light bar with bracket #8 into its position in the grille. Angle the light out slightly and insert bracket #7 into position. Take the prepared hardware stack from the previous step and insert it through the bracket and into the light bar. Once the screw is started, hand tighten as much as possible. Finish tightening with the hex wrench.

9. Place a backplate behind the left side of the light. For each hole, insert a M4 screw through a M4 lock washer, M4 flat washer, front bracket, and into the backplate. Tighten and repeat for the right side.
10. Insert the light bar with bracket #5 and #6 pre-installed into its position in the grille.
11. Place a backplate behind the left side of the light. Insert a M4 screw through a M4 lock washer, M4 flat washer, front bracket, and into the backplate and tighten. Repeat for the right side.
12. You've completed mounting the lights in the grille! Continue on with the normal instructions to wire and power the lights. You'll be scaring away darkness in no time.





# WIRING DIMENSIONS



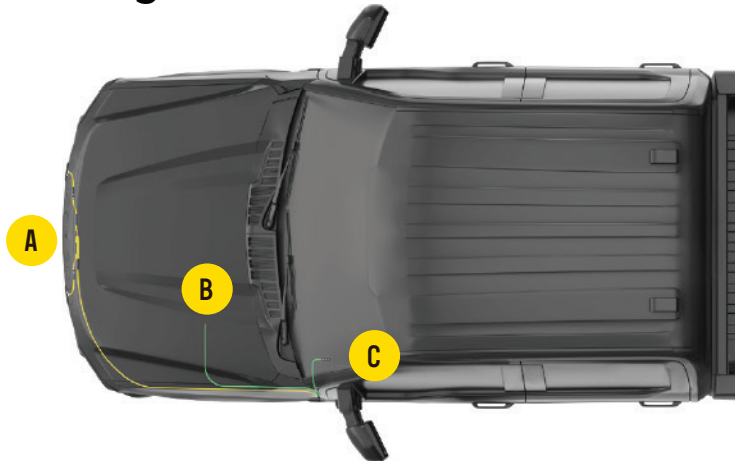


## STEP 1 – INSTALL THE HARNESS AND LIGHTS

Route the light harness (A) under the cab and into the engine bay. Secure to the vehicle's wiring on the firewall or inner fender.

Route the light harness (A) into the grille and connect harness to the lights.

**An example configuration is shown below :**



## STEP 2 – INSTALL THE LIGHT CONTROL

There are 3 options to control your strobe lights:

1. Use Provided Switch Panel
2. Use Upfitter Switches
3. Use 3rd Party Switches

Note: If the battery or fuse box of the vehicle is on the passenger side, you will need the switch extension wire (D) as shown on the wiring dimensions page.

This will extend between the power connector on the switch harness (C).

**Each option is outlined individually on the next 2 pages.**



## STEP 2 OPTION 1 – USE PROVIDED SWITCH PANEL

1. Connect the Switch Harness (C) to the Junction Box Harness (B). Temporarily connect to a 12V DC power source to test switch functionality. Disconnect the Switch Harness (C) once verified.
2. Enlarge the main harness boot hole on the firewall and route the switch wire of the Junction Box Harness (B) into the cab.
3. Determine the switch panel location and route the Switch Harness (C) switch wire through or under the dashboard and connect it to the Junction Box Harness (B).
4. Connect the **BLACK** wire to ground. Connect the **RED** wire to battery power.



①  **The white light switch.**

Press less than 1 second to turn the white light on or off.  
Press and hold to turn off the white light.

②  **The yellow light switch.**

Press less than 1 second to turn the white light on or off.  
Press and hold to turn off the yellow light.

③  **The yellows strobe light switch.**

Press less than 1 second to turn the strobe light on, and press it again to switch to the next mode.  
Press and hold to turn off the strobe light.  
The sequence of modes will repeat as follows:

### FLASH PATTERNS

1	DRL	4	Slow strobe
2	Hyper burst	5	Staggered Sequential Burst
3	Rapid strobe	6	Alternating Rapid Burst



## STEP 2 OPTION 2 – USE UPFITTER SWITCHES

1. Locate the upfitter switch relay in the engine bay.
2. Connect the **BLACK** wire to ground.
3. Connect the **BLUE** or **YELLOW** or **GREEN** wire to the desired upfitter switch relay. See FIG. 1 for individual ACC wire function. When the upfitter switch is activated light and pattern will trigger.
4. Secure any slack with zip ties. Unused wires should be separated and protected using heat shrink or tape.



## STEP 2 OPTION 3 – USE 3RD PARTY SWITCHES

1. See FIG. 1 for individual ACC wire function.
2. Follow the same wiring instructions from Option 2 above.

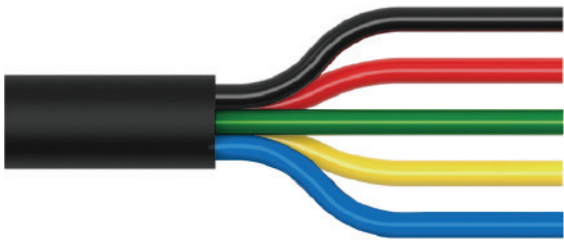


FIG. 1

- BLACK** - Ground
- RED** - To +V DC
- GREEN** - Yellow Strobe ACC
- YELLOW** - Yellow Light ACC
- BLUE** - White Light ACC