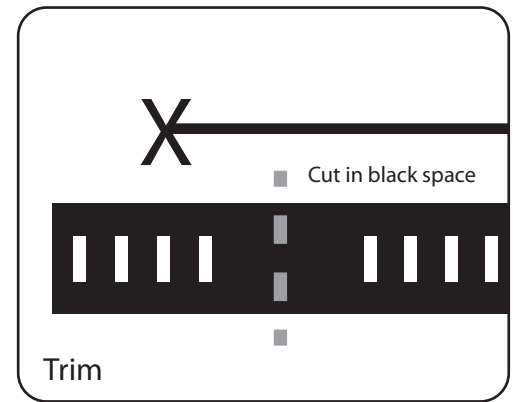
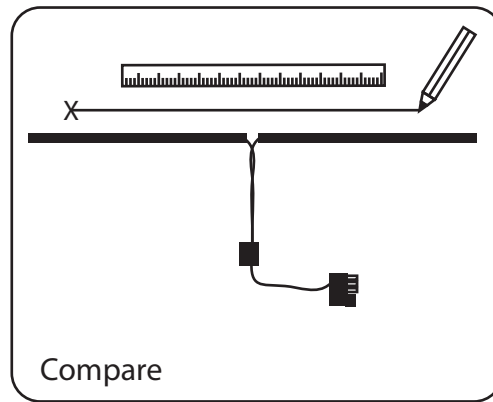
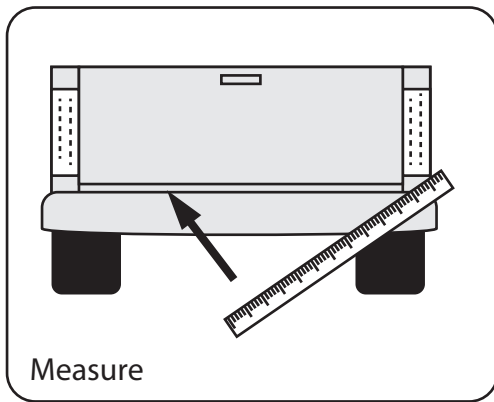


STEP 1 – The first and most important step to installing this kit is to clean the application area thoroughly. Your Flexible Fire and Ice Tailgate Bar uses the most powerful 3M adhesive available for automotive paint applications. However, if there is dust, dirt or grime on the area where you apply the flexible strips, it will NOT form a bond to the paint. Use the following methods to ensure that the only way the flexible strips come off is if you remove them yourself. It is best to do this indoors to prevent any dust or dirt from settling after you have cleaned the area.

-First, wash the area with warm soapy water until all visible dirt and grime is removed.

- Once the area has dried, use a lint-free cloth and some rubbing alcohol to remove any invisible grime left behind by the soap and water.

STEP 2 – Measure the area where you will be installing your Flexible Fire and Ice Bar. Once you know your target length, lay the 2 flexible strips on a flat, clean work surface. Place them in a line, with the wires at the center. Place them with the wires as close together as possible. Now measure out the desired distance with the center at the point where the two strips meet. You will be trimming from the end of each strip. You will notice that the LEDs on the bar are grouped together in groups of 12, with black space between each group. You may trim your strip anywhere in this black space.



STEP 3 – Once you have cut your strip to the correct length, the next step is to apply the strip. The key factors of applying the strips are: ensuring that the strip is centered, keeping the strips straight while applying and applying enough force to ensure good application. The 3M adhesive on your flexible strips is designed to be applied only once so it is important to get it right the first time. Ideally you will be able to align the strip along an existing edge, but if that is not the case, the best way to keep apply the strip is to use a straight edge to draw a line with a grease pencil to use as a guide. The markings will wash off easily once you are done.

STEP 4 – Now that you have your Flexible Fire and Ice mounted in place, you can begin the final step, which is wiring. Refer to the following:

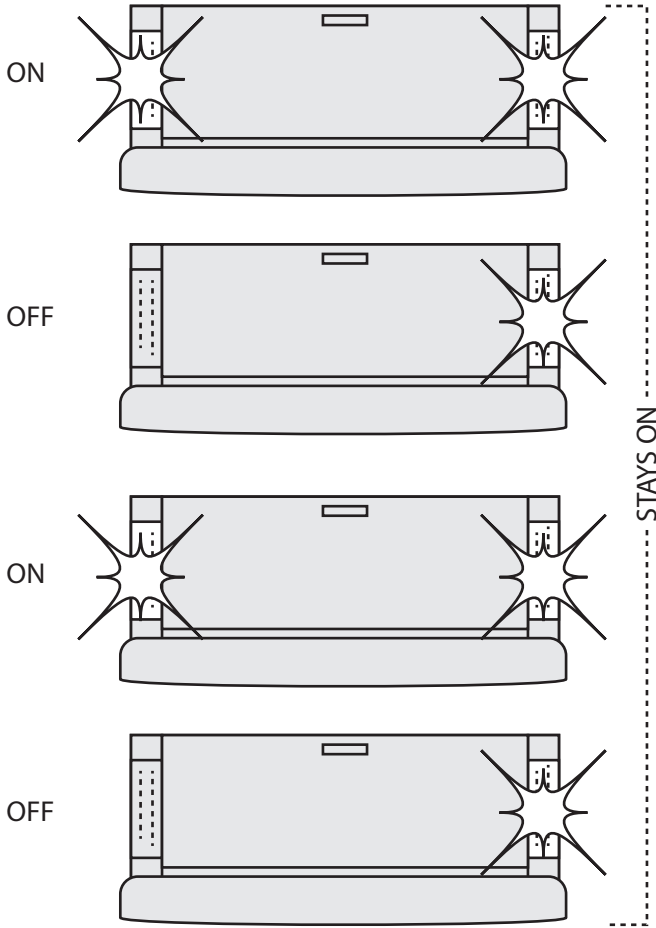
- If your truck has a 4-pin trailer connector, you can simply plug your Flexible Fire and Ice Bar into it and proceed to step 5.

- If your truck has a 4-pin trailer connector but you don't want to use the plug, you can wire your Flexible Fire and Ice Bar in behind the plug using splice connectors.

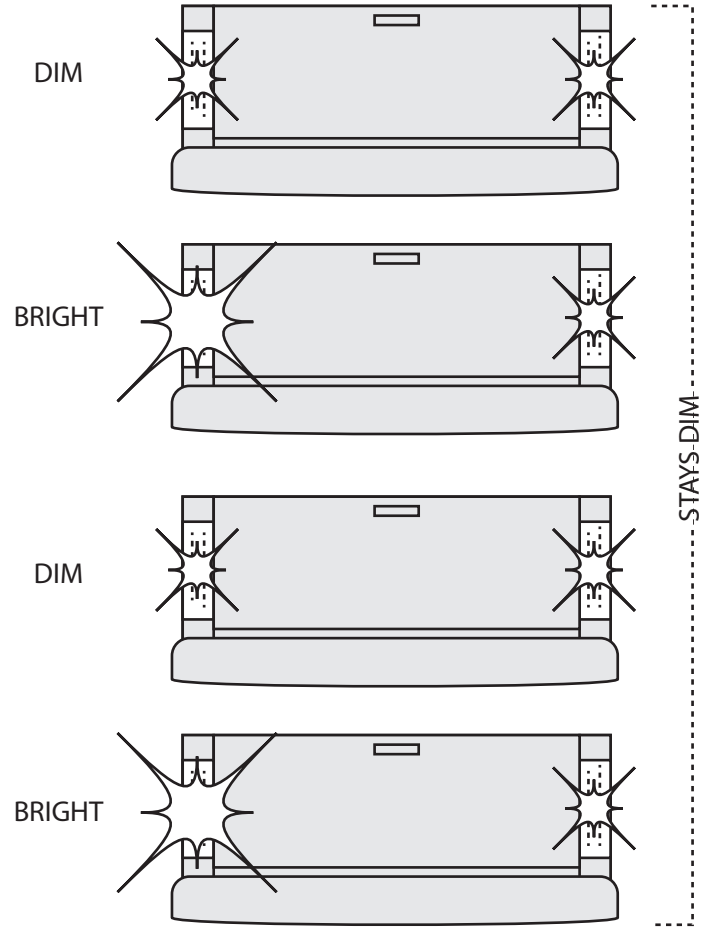
- If you do not have a 4-pin trailer connector, you will need to wire your Flexible Fire and Ice Bar directly to the wiring for the signals on your truck. If you have to use this method, you will first need to determine what kind of tail lights your truck has. The diagram on the next page will help you determine how to wire your Flexible Fire and Ice Bar to your tail lights.

To determine how to wire your Flexible Fire and Ice Bar directly to your tail lights, have someone help you by holding down the brake pedal and turning on the left blinker. Then, observe the way your tail lights work and compare it to the 2 types below. Make sure your parking lights are off. If you cannot turn them off, just make sure you ignore them while determining the flashing pattern of your tail lights.

TYPE A



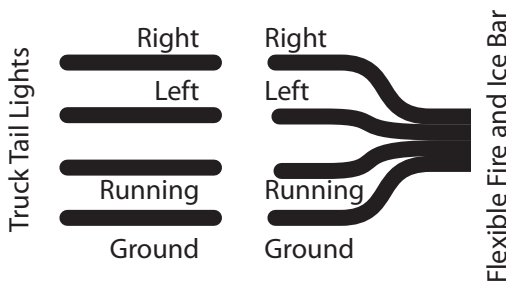
TYPE B



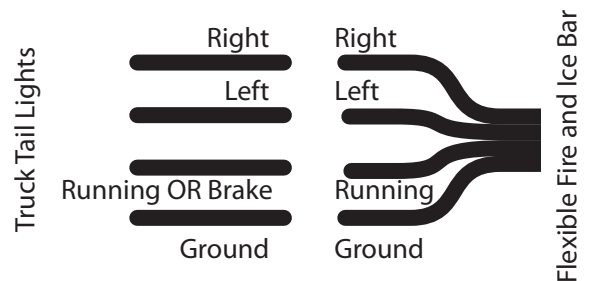
If you have Type A tail lights, your tail lights are identical to those on a trailer that uses a 4-pin Trailer Plug. Connect the running lights wire to the running lights on your tail lights. Do the same for the Left and Right turn signal wires on the Flexible Fire and Ice Bar, and the brakes will take care of themselves because your truck uses the Left and Right turn signals combined to form a brake signal. Hook the ground wire up to any ground wire or directly to the metal frame.

If you have Type B tail light, then you have a separate wire for your brake lights. You will need to decide if you would rather have brake lights or running lights in order to wire your Flexible Fire and Ice Bar to your Type B tail lights. You must wire the Left and Right signal wires on the Flexible Fire and Ice Bar to the Left and Right tail lights on your truck and then connect either the brake or the running light on your truck to the running light wire on your tail lights.

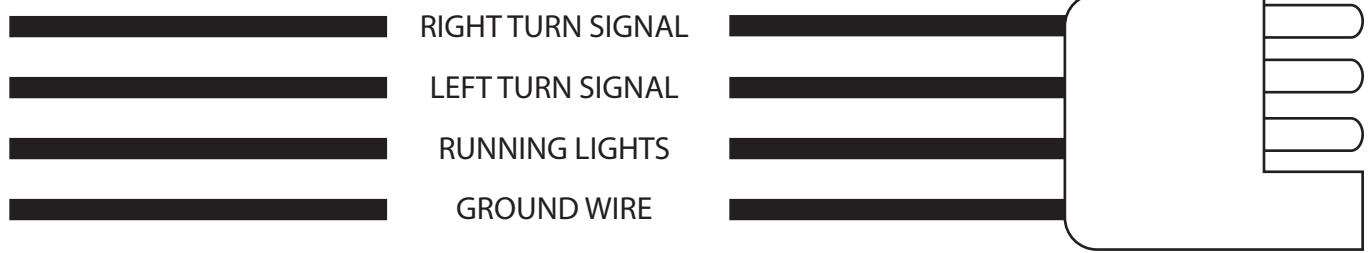
TYPE A Wiring



TYPE B Wiring



Use this diagram if you need to wire your Flexible Fire and Ice Bar directly to your truck's tail lights.



STEP 5 – All trucks will require the white reverse light wire on the Flexible Fire and Ice Bar to be wired directly to the reverse light wire on the rear of the truck. You will need to remove the tail light housing and find the 2 wires that go to the reverse light. Once you have determined which of the 2 wires is the Positive (12V +) wire, use a splice connector to connect the white wire to the Positive reverse light wire on the truck. The final step is to connect the PURPLE wire to a 12V(+) source that is ALWAYS ON when the vehicle is ON. An example would be the ignition or an auxiliary (accessory) wire.

YOUR BAR WILL NOT WORK AT ALL IF YOU DO NOT CONNECT THIS WIRE!

STEP 6 – Once you have your Flexible Fire and Ice Bar wired, all that is left to do is to secure the wiring using with the included tie wraps. Your installation is complete!

Care and Maintenance of your Flexible Fire and Ice Bar:

The 3M adhesive on your Flexible Fire and Ice Bar is rated for both water and sun exposure, however strong chemical detergents and degreasers will eventually cause the bond to fail. Treat your Flexible Fire and Ice Bar the same way that you would treat the paint on your vehicle; using mild detergents and warm water to clean it along with the rest of your car. Avoid using a high-pressure water nozzle directly on your Flexible Fire and Ice Bar, as the force of the water may peel the bar back.

Don't void your warranty!

Your Flexible Fire and Ice Bar comes with a one year warranty from the date of purchase against manufacturing defects. If your Flexible Fire and Ice Bar should ever fail due to manufacturing defects, take care to remove it without destroying it. We test every Flexible Fire and Ice Bar that is returned to us, and **destroying the product while removing it may void your warranty.** The best way to remove the strips in one piece is to use a hard, plastic scraper (old credit cards or drivers licenses work great) and a mild degreaser or bug/tar remover. Spray the cleaner starting and the outside end of the strip and use the scraper to work the cleaner under the strip and slowly peel it away from the paint. Repeat this process on the other strip and roll (not fold) the strips up before sending them back.

DON'T FORGET TO REGISTER YOUR WARRANTY

To ensure a trouble free experience if you ever experience a defect in manufacturing or workmanship, be sure to register your warranty on our website at www.plasmaglow.com. If you do not register your warranty we may not be able to help you if your product fails unexpectedly.

ONLINE AT www.plasmaglow.com