# LED Mirror Kit Install Instructions

#### READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

### MAKE SURE ALL APPLICATION SURFACES ARE CLEAN BEFORE APPLYING STRIPS

**Step 1** – For most installations you will need to remove either the mirror housing or the mirror itself to install the Afterburner Mirror Signal kit. The method will vary between vehicles. Consult a repair manual for the exact method for your specific vehicle.

**Step 2** – Make sure the surface to which you are going to apply the LED strip is clean. First wash it with soap and water then allow it to dry. Once dry, wipe the surface with rubbing alcohol to ensure that the surface is completely clean. The 3M Adhesive on the Strip is for one-time use. If you stick it to a dirty surface, you must use a clear silicone to reapply it.

**Step 3** – You may wish to trim the strip for the exact length you desire, but keep in mind that you must trim it by 3 LEDs at a time. You may use common household scissors for this.

**Step 4** – Apply the strip to the inside edge of the mirror housing, with the LEDs facing OUT. For a subtle glow you can apply the strip with the LEDs facing in, but the glow will not be visible during the day and this method is not recommended for most installations. Peel the paper off of the back of the strip and start with the end that has the wires. Plan ahead so that the wires are precisely where you need them to be to hide the wiring and to make routing the wires easier. Gently place the strip so that you can peel and replace it in case you make a mistake. Once the strip is in place, work around the strip pushing it into place with your fingers to ensure a good adhesion to the housing.

**Step 5** – The wiring procedure will vary depending on whether or not the vehicle has existing signals in the mirror or mirror housing.

## **VEHICLES WITH EXISTING MIRROR SIGNALS**

If the mirror already has a built-in signal, determine which wire is ground (-) and which wire is 12 volts (+). Connect the white wire on the strip to the 12 volt (+) and the black wire to the ground (-) wire. If you connect the wires backwards the strip will not light. Test the strip before you reattach the mirror/housing.

# VEHICLES WITH POWER MIRRORS AND POWER WINDOWS/LOCKS

If the mirror does not already have wiring for the turn signal, or if you do not want the strips to blink with your turn signal, you will need to run the wiring through the door, into the vehicle. You will need to extend the wiring on the strip for this method, speaker wire works fine for this. Run the wiring for the strip through the same hole as the power mirror wiring. You will need to remove the door trim panel so that you can then run the wiring through the door to the small rubber conduit that goes from the inside hinge of the door to the body of the vehicle. You may also need to remove the trim panel near the floor adjacent to the door to continue running the wire into the vehicle. From there you can continue to run the wiring through the firewall out to the front turn signals or running lights, or if you prefer to just turn the strips on and off manually, to a switch in the interior of the vehicle. Connect the white wire to the 12 Volt (+) wire and connect the black wire to Ground (-).

## VEHICLES WITHOUT POWER MIRRORS OR POWER WINDOW/LOCKS

If the vehicle does not have power options on the door, you will still need to run the wiring through the door, into the vehicle. However you may need to drill some holes to allow the wiring to pass through the door, into the interior of the vehicle. You will need to extend the wiring on the strip for this method, speaker wire works fine for this. You will first need to find a way into the door from the mirror housing. Some vehicles will have a hole that you can use, or you may have to drill through the housing and/or the door to create one. Next you will need to remove the door trim panel so that you can run the wiring through the door into the interior of the vehicle. Some vehicles without power options on the door will still have a rubber conduit in place for this, or just a plastic cap covering the hole used for the wiring of power options. If this is the case you may route the wiring through the rubber conduit. If there is no rubber conduit or you need to drill/cut your own holes in the door/body, make sure that you wrap the wires well with electrical tape and leave enough slack for the door to open but not enough to get smashed when it closes. If you drill/cut your own holes for this, you need to make them larger than the wire to allow the slack room so it does not get smashed, as well as file the edge of the hole down so that it is not sharp enough to cut the wire. You may also need to remove the trim panel near the floor adjacent to the door to continue running the wire into the vehicle. From there you can continue to run the wiring through the firewall out to the front turn signals or running lights, or if you prefer to just turn the strips on and off manually, to a switch in the interior of the vehicle. Connect the white wire to the 12 Volt (+) wire and connect the black wire to Ground (-).

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