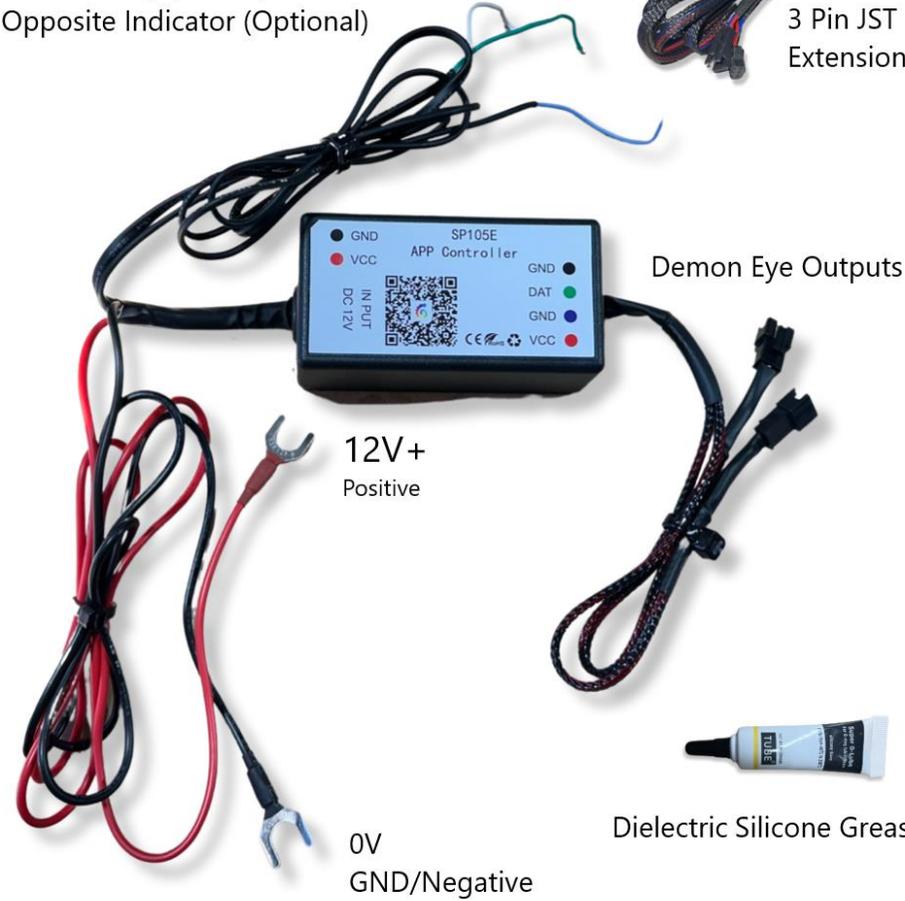


White: DRL Interlock (Optional)
Green: Indicator + (Optional)
Purple: Opposite Indicator (Optional)



3 Pin JST
Extension



DOWNLOAD
MAGIC LED
SMARTPHONE
APP



ANDROID



IPHONE

Installation Requirements

Electrical connections required:

- Red wire: 12vdc+ To be connected to constant, accessories or ignition 12v in the fuse box.
- Black: 0v/Ground, to be connected to a negative post or chassis bolt.
- Demon Eye Outputs: To be connected to the 3 Pin demon eye cables coming out of the back of the headlight. **(Controller should be mounted close to the fuse box for the electrical connections) 3 Pin JST Extension cables will be provided with the wiring to extend the halo/demon eye headlight connections with enough length to get to the controller.**

Optional connections:

- White wire: DRL Interlock wire, you can wire this to an accessories or ignition 12v. When this wire has 12v, the halos and/or demon eyes will automatically revert to white. (This is an optional connection as DOES NOT need to be hooked up.)
- Green wire: Indicator 12v, you can wire this to your indicator to have your halos and/or demon eyes to flash orange when indicating. (This is an optional connection as DOES NOT need to be hooked up.)
- Purple wire: Indicator 12v, you can wire this to your indicator to have your halos and/or demon eyes to flash orange when indicating. (This is an optional connection as DOES NOT need to be hooked up.)

PLEASE READ

- Using a "Constant 12V" will mean that the demon eye controller is **ALWAYS POWERED**. Please not that this **WILL flatten your battery!** The controller may also reset itself during the night; this is due to the VF's BCM going into sleep mode. This can cause the halo controller to turn reset and turn on. This is because the vehicles voltage drops below 12v.
- **ALL electronics MUST** be mounted into a position free from water ingress, these are **NOT** waterproof. Failure to follow this may result in malfunction of the electronics (LED driver, supply, Bluetooth module and halos).
- **White tube of dielectric grease** to be used on all 3 pin plugs. Fill the plug with grease and then push the other connector into the plug. This is used to waterproof the connections. Also note: Failing to use dielectric grease on the connections may result in malfunction or possible damage of demon eyes/halos. **If you do not receive a white tube of dielectric grease, please contact us.** **WARRANTY IS VOID IF DIELECTRIC GREASE IS NOT USED.**
- **AFTER INSTALLATION** your new headlights MAY fog up once or twice on humid days or after a car wash on a cooler day. This is normal as the headlights have to be put in the oven to open and also to seal up and there is usually some condensation in the headlights due to this. To speed this settling process, remove the high beam dust cap to allow the moisture to escape and the fogging to clear itself up, once cleared, put the dust caps back on.
- **Aligning your headlights** Your new headlights need to be aligned as we can't do this without the vehicle. The adjustments are located on the back of the headlights and are usually white in colour. One for left-right alignment, and one for up-down alignment. **PLEASE NOTE:** Some headlights such as **FG Falcon** have very little clearance between the halo and the lens.

Make sure that when you align the headlights that the halo cover is not touching the lens of the headlight on the inside, otherwise things like vibrations can mark the inside of the lens and this cannot be repaired. Our warranty for this product does not cover this damage, and lenses aren't readily available to change over. So please check this very carefully when aligning your headlights.

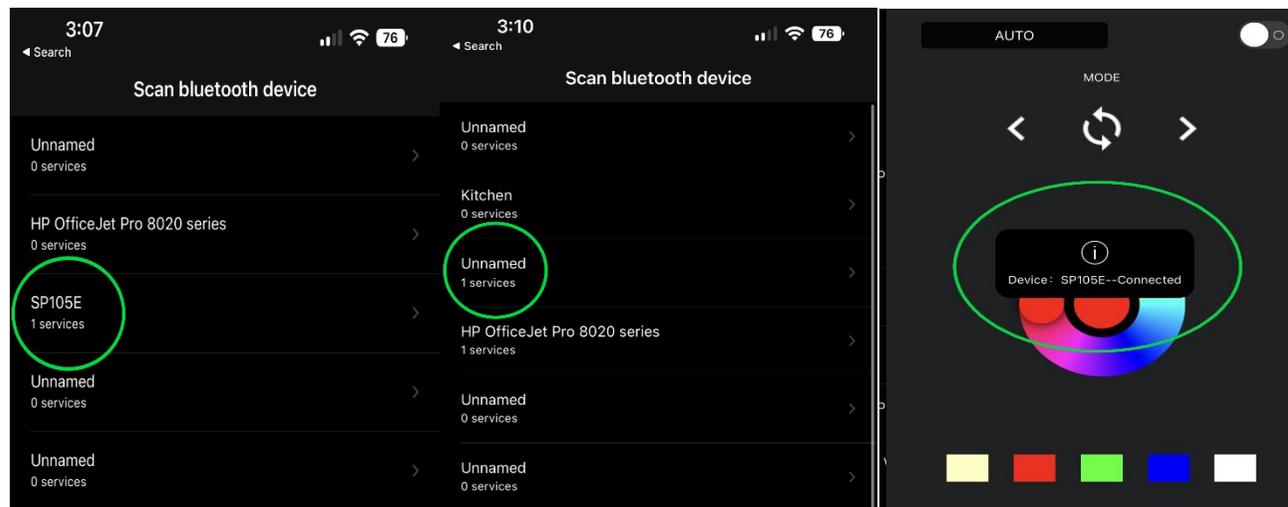
Troubleshooting:

My demon eyes aren't turning on:

- **If you have wired the controller to an ignition or accessories source: Ensure the ignition is turned on.**
- **Ensure that the Power supply/controller has power.**
Check your power connections. The unit only needs its 12v+ and 0v/Ground to operate. Check that there is power at the 12+ point with your other probe to the vehicle chassis first. If you have power the next step is to check your ground.
- **Check that wiring hasn't been damaged on installation.**
In some cases, we have found that some customers have damaged/broken the cabling and/or crimp lugs on installation. This can occur with excessive force or pulling cables through tight places in the engine bay. Please take care when installing cabling to prevent this issue from occurring.

I can't connect my phone to the Bluetooth controller:

- **Make sure the correct app has been installed. "Magic LED"**
Other RGBW Apps will not control this unit.
- **Are the demon eyes lighting up?**
The demon eyes need to be powered up and on to access the Bluetooth app. If the unit is not powered, you will not be able to find the device on your phone.
- **Has the correct device been selected?**
The **MagicLED** app searches for all Bluetooth devices in the area, not just RGBW Controllers. Device name on first connection will likely be "Unnamed – 1 Services", when connecting it will flash up "Connected: SP105e" very quickly and then take you to the main colour wheel screen. Once connected for the first time, the Bluetooth device name **should** change to "SP105e".



All of my demon eyes are showing the incorrect colours:

- Check that the correct settings in the app are selected: **GRB | SK6812-RGBW**
If the wrong settings are selected, the controller thinks that we are operating a different type of LED chip.

Some demon eyes are showing incorrect colours:

- Check that your connections and Bluetooth controller haven't been subjected to water or moisture. Water in the Bluetooth controller or 3 pin connections can cause malfunction of the demon eyes.
- **If the issue is only happening on one demon eye**, unplug it and inspect the plug for moisture and plug back in. If the issue is still there, unplug both demon eyes and swap the connections around to confirm that there is not an issue with one output on the controller.

If the problem moves to another demon eye, its likely moisture has gotten into the driver or controller and it will need to be replaced.

If the problem remains on the same demon eye, more than likely water has gotten into the 3 pin plug connection and caused a short circuit. In most cases this will mean that the demon eye will need to be replaced. Contact us.

