

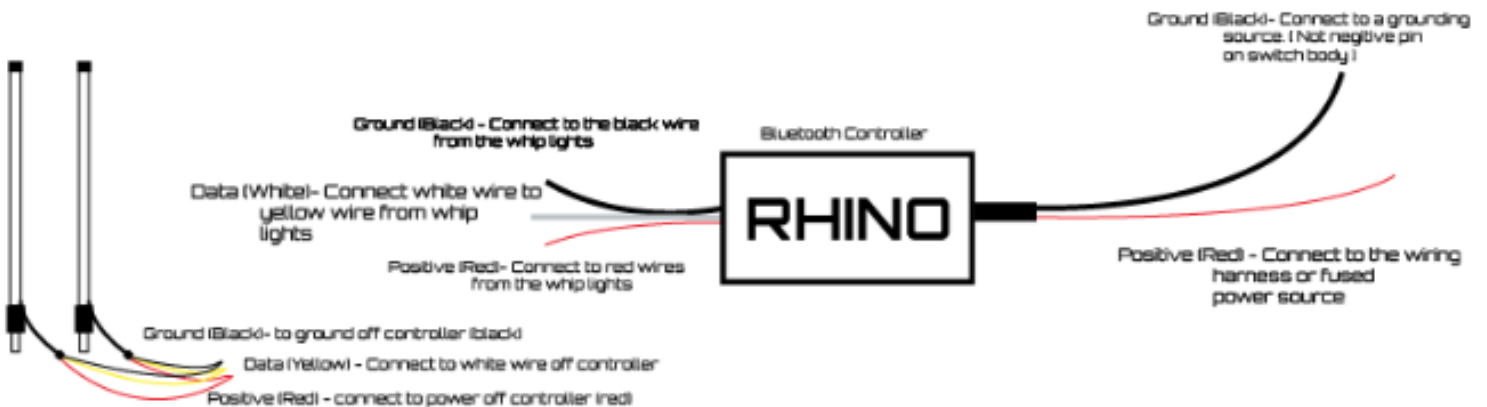
# Guidelines

- Give enough slack for pigtail to flex on the spring to avoid stretching the pigtail to the breaking point.
- Keep the whips safe from flexing into a cage or any hard objects to preserve the longevity of the whips.
- Cut the pigtail wire from whips to length before you connect to the controller for best performance.
- Use zip ties to secure your flag to the whips
- Make sure your clevis pin that secures your whip to the spring/base is always secured
- A spring is required to be used for any whip 2ft or longer to be covered under warranty
- Do **NOT** extend the whip wire over 10 feet, doing so can reduce the data signal and causing flickering

## Whip Light Diagram

### Controller Wiring Diagram

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### Installation Tips

- Controller Tip #1:** The controller is fully **waterproof** but should **NOT** be installed next to any heat source. The microphone within controller will be affected by water and dirt, keep it clean and dry.
- Controller Tip #2:** You are able to cut the whip wire to length needed for optimal performance.