



FloGlo 112 EXTERIOR KIT

PART #: 78190E

WARNING: THE FAILURE TO FOLLOW THESE INSTRUCTIONS WHEN INSTALLING THE FLOGLO 112 EXTERIOR KIT MAY CAUSE ELECTRIC PROBLEMS IN YOUR VEHICLE WHICH COULD CAUSE VEHICLE DAMAGE, ELECTRICAL SYSTEM DAMAGE, FIRE, ELECTRICAL SHOCK, PERSONAL INJURY OR DEATH.

WARNING: DO NOT LOOK DIRECTLY INTO THE FLOGLO 112 EXTERIOR KIT. DO NOT DRIVE OR POSITION YOUR VEHICLE NEAR ON ROAD TRAFFIC WHEN THE FLOGLO 112 EXTERIOR KIT IS POWERED ON – DOING SO MAY RESULT IN VISION IMPAIRMENT AND OR VEHICULAR COLLISION. THE INTENDED USE OF THE FLOGLO 112 EXTERIOR KIT IS TO PROVIDE EXTERIOR AUXILIARY LIGHTING FOR OFF ROAD USE ONLY. THIS PRODUCT IS NOT DOT APPROVED.

INSTALLATION GUIDELINE

WARNING: SAFETY GLASSES MUST BE USED WHEN INSTALLING THIS PRODUCT.

Floglo 112 Exterior Kit is an exterior auxiliary light designed to provide auxiliary lighting while driving off road. Floglo 112 Exterior Kit has a distinct amperage draw noted in the installation instructions. If you are not confident in your ability to install the Floglo 112 Exterior Kit please consult a licensed mechanic.

Floglo 112 Exterior Kit has specific voltage and amperage ratings for power input and amperage draw. ENSURE THESE RATINGS ARE FOLLOWED. Floglo 112 Exterior Kit must be installed in a properly functioning electrical system. Do not install this product in a malfunctioning electrical system.

Select a mounting location that will not obstruct the operation of instruments or any vehicle functions

Clean mounting surfaces with isopropyl alcohol (70%) and wait for the surface to dry before proceeding.

Before permanently mounting to vehicle, test fit to ensure wiring is long enough to be safely installed and does not obstruct any operating functions of the vehicle. These lights should not be installed where their operation hinders the visibility of the driver or other drivers

WARNING: DURING OPERATION LIGHTING UNITS CAN GET HOT - DO NOT TOUCH WHILE OPERATIONAL OR WITHIN 30 MINUTES OF POWERING DOWN.

Before disconnecting battery terminals, please check your owner's manual for proper procedure

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ALPENA® LIMITED WARRANTY

This Limited Warranty covers defects in materials or workmanship of this product for one (1) year from the date of purchase. Normal wear and tear over time are not product defects. Product problems caused by not following the product instructions, abuse, misuse, alteration, accident and/or use beyond the product's intended purpose are not covered. This warranty is valid for the original owner and is not transferable. Proof of purchase is required.

Any implied warranties and conditions, such as merchantability and fitness for a particular purpose are hereby excluded, or if not excludable under law, are limited to one (1) year period. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you

NO INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARE RECOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY DEPENDING ON THE JURISDICTION.

We will replace any product we determine to be defective provided you follow our product return directions. Please note that replacement product may not be exact due to style changes to our products. We will cover the mailing expense to send you a replacement product. However, mailing costs to return to us the original product which is claimed to be defective must be paid by you. If a replacement product is not available at the time you submit your warranty request, we will issue a credit.

For warranty service, please see below.

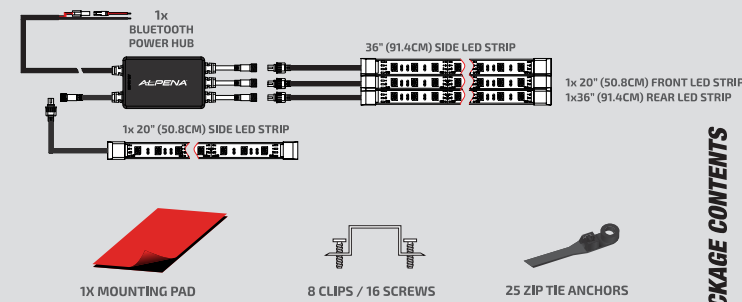
Problems? We can solve them!

NORTH AMERICAN SUPPORT AVAILABLE



@AlpenaAutomotive
1-800-387-3217

GET STARTED



PACKAGE CONTENTS

1. ASSEMBLY

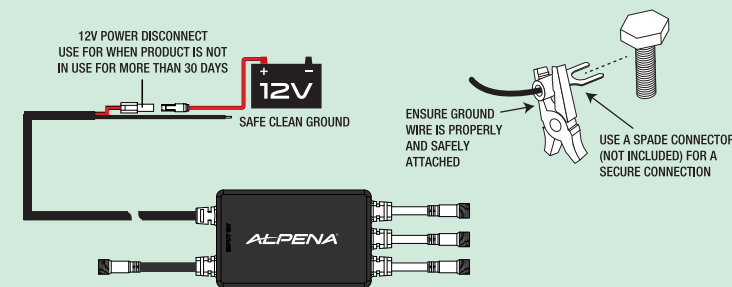
Remove the unit from packaging, including all mounting hardware. Locate adhesive pad for the control box.

2. WIRING

MAXIMUM POWER DRAW AT 12V DC 1.37A @ 12V DC

IMPORTANT – BEFORE REMOVING ADHESIVE BACKING OR WIRING TO A POWER SOURCE, TEST FIT AND TEST ROUTE ALL WIRING TO ENSURE IT DOES NOT ENCOUNTER ANY MOVING PARTS, IMPAIR ANY VEHICLE FUNCTIONS, OR POSE A RISK OF DRAGGING ON THE GROUND OR CATCHING A FOREIGN OBJECT

- 1) Prepare your vehicle by disconnecting the battery or power source. Follow the procedure in your owner's manual and always disconnect the ground (black or '-') first, followed by the positive (red or '+') wire
- 2) Connect the positive or red wire from the control box to the positive or red battery terminal or a safe, fused 12V DC power source
- 3) Connect the negative or black wire from the control box to a safe, clean chassis ground location



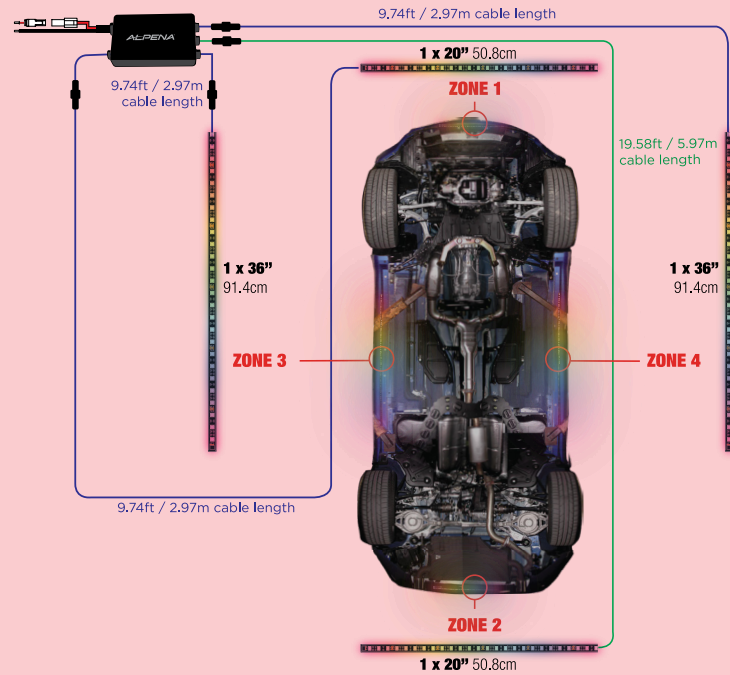
3. MOUNTING

FOR BEST RESULTS, TEMPERATURE AT INSTALLATION SHOULD BE BETWEEN 65-90°F (18-32°C)

- 1) ENSURE MOUNTING SURFACE IS PROPERLY CLEANED WITH 70% ISOPROPYL ALCOHOL, AND IS ABSENT OF WATER, OILS, WAX, SEALANT AND OTHER SURFACE COATINGS. SURFACE MUST BE COMPLETELY CLEAN AND DRY DURING INSTALLATION FOR ADHESIVE TO FUNCTION
- 2) TO ATTACH THE ADHESIVE BACKING ON EACH LED STRIP, GENTLY PEEL THE RED BACKING AWAY FROM THE ADHESIVE PAD AND FIRMLY BUT GENTLY PRESS THE GREY SIDE ON TO THE MOUNTING SURFACE – DO NOT APPLY PRESSURE DIRECTLY TO THE LED CHIPS
- 3) WHEN EACH STRIP IS ATTACHED, SAFELY SECURE THE WIRING TO MAKE SURE IT DOES NOT COME INTO CONTACT WITH ANY ROTATING ASSEMBLIES, DOES NOT COME LOOSE AND CATCH FOREIGN OBJECTS, AND DOES NOT INTERFERE WITH ANY VEHICLE FUNCTIONS
- 4) RECONNECT THE BATTERY TERMINALS OR POWER SOURCE. NEGATIVE (BLACK OR '-') FIRST, FOLLOWED BY POSITIVE (RED OR '+') MAKING SURE ALL CONNECTIONS ARE SAFE AND SECURE

NOTE: Each strip can be disconnected from the control box for an easier installation.

NOTE: If you are unable to use the adhesive backing to secure the strip, or wish to use both methods, this kit contains 8 clips with self-tapping screws to hold the strips on to the mounting surface.



4. OPERATION

THE LED LIGHTING SYSTEM SHOULD BE IN 'DEMO' MODE, DISPLAYING COLOR. IF YOUR KIT IS TURNED OFF, CHECK:

- 1) POWER SOURCE TO SEE IF THERE IS CURRENT FLOW
- 2) THE POWER CUT OFF / STORAGE DISCONNECT
- 3) WIRING CONNECTIONS BETWEEN THE HUB AND STRIPS

FOLLOW THE ALPENA APP GUIDE AND ENJOY!

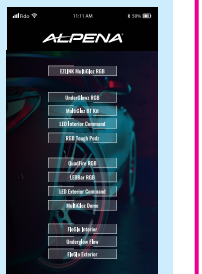
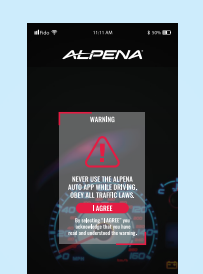
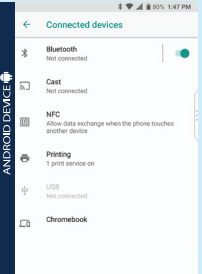
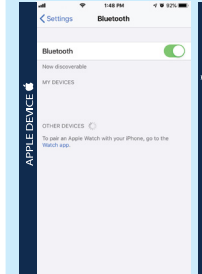
5. APP GUIDE

1. GET THE APP

Download the Alpena Auto application on the Apple App Store or Google Play Store!



Getting Started with Alpena Auto



2. TURN ON YOUR BLUETOOTH

3. OPEN THE ALPENA AUTO APP

If you are driving, please do not operate this application. If you are stationary, click « I AGREE ».

4. SELECT 'FLOGLO™ 112' UNDERGLOW' AT BOTTOM OF THE

Federal Communications Commission (FCC) Interference Statement

FCC ID: 2AMN5-78190

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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Compatible with phones with Android™ 9 or higher. Note: Not all Android™ phones are equipped with Bluetooth® Smart v4.0 required for this application. Android, Google Play, and the Google Play logo are trademarks of Google Inc.

Compatible with iPhone 6 and higher, iPad 5th Gen or newer, iPad Air, iPad Mini, and iPad Pro. Requires iOS 8.0 or higher. Apple, iPhone, iPad, iPad Air, iPad Mini, iPad Pro and the Apple logo are trademarks of Apple Inc. App Store is a service mark of Apple Inc.

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