Lunasee 320 & Pro 1000 - FITMENT GUIDE

General Fit Requirement FAQ

What are the power requirements?
0.4 Amps (Pro 1000) and 0.15 Amps (320) with a nominal 12 Volt DC power supply.

I have a trike/3 wheeler, is the kits compatible?
Lunasee's one wheel kits are compatible for install on front wheels of trikes. Lunasee kits do not include suitable mounting hardware for mounting the LEDs on the rear wheels of trikes.

My bike has a single sided swing arm, are the kits compatible?
Lunasee kits are compatible with bikes with dual swing arms. If your bike has a single swing arm, the answer is "maybe". While the LEDpods should mount on the sides of the wheels with forks or swingarms, there may not be a suitable attachment point to mount LEDs on the rear wheel side with no swing arm. Model specific brackets for this situation may be available for select models. Refer to Lunasee.com or contact Lunasee for further assistance.

May I customize my own mounting solution?
Yes. You may develop your own mounting solution or have a dealer assist. Feel free to contact us for assistance or questions. We encourage you to share your custom solutions on forums for others to benefit from. All custom solutions are at your own risk and Lunasee assumes no responsibility or liability.
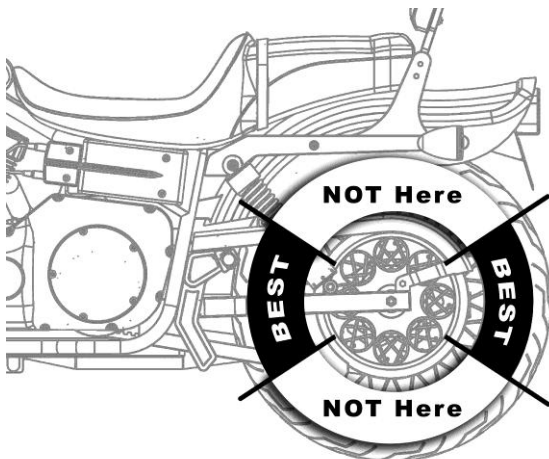
GENERAL COMPONENT PLACEMENT & PARAMETERS
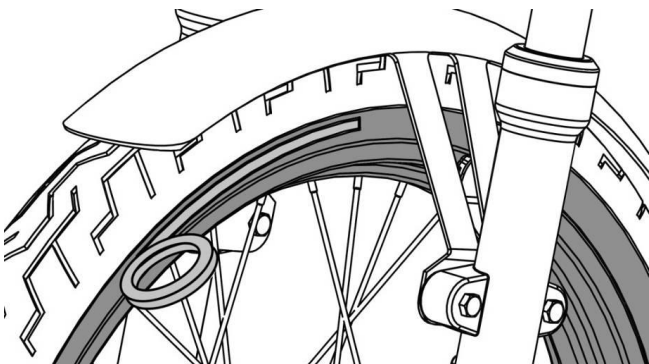
1. LERtape is adhesive backed tape (4mm width), and will be placed along this portion of the motorcycle wheel/rim, similar to any other wheel/rim pin striping.
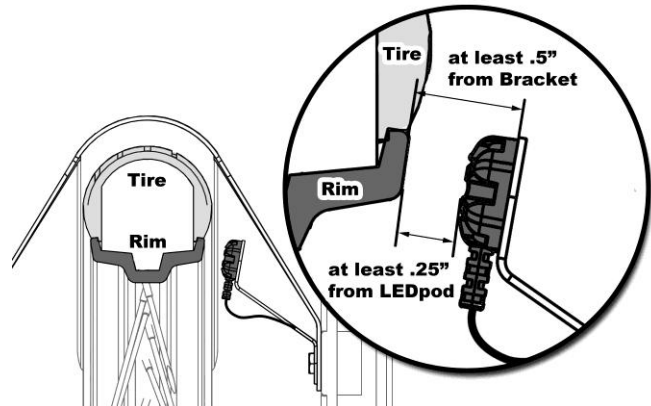

2. LEDpods shine light on the LERtape and will need to be placed approximately 0.25" from the rim surface/LERtape.


3. Some LEDpod mounting locations will not move with the wheel during suspension travel. If mounting on such locations, take note, and mount them in the areas marked to avoid misalignment issues when suspension is compressed. The LEDpods must remain targeted on the LERtape during motorcycle operation.
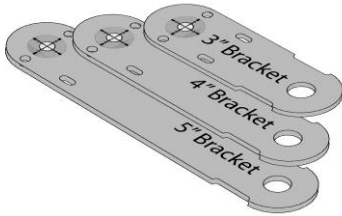
Outlined below are the 4 mounting options included. Lunasee includes assorted brackets of 3", 4" and 5" lengths which should accommodate spacing requirements. When used, the brackets will be bent by the installer to achieve required placement. **Review each location on your bike to ensure one of these options will work.**

The bent brackets shown in the following images are for demonstration only; your scenario may require a different bend configuration. Use a tape measure or cut out the flat bracket templates at the end of this document to help evaluate the appropriate bracket & mounting scenario.
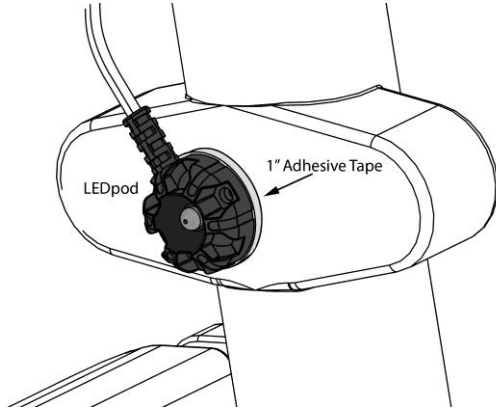
Option (A) - Direct mount LEDpods with adhesive. Optional LEDpod Spacer provided to fine tune spacing. The LEDpod can be directly mounted to any 1" flat surface that is ~1.5" from the LunaGLO tape to achieve the target distance of ~0.25" between LEDpod and rim tape. The surface must NOT be on a part that gets excessively hot (like exhaust)
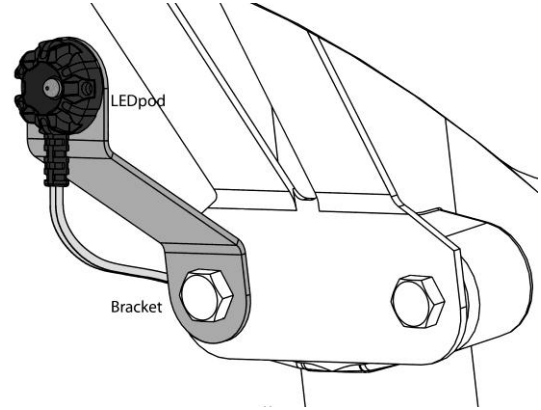
Option (B) - Bracket mount to factory bolt. Solid factory bolt locations may be used, however, these should NOT be structural or mechanical mounting bolts - ONLY cosmetic mounting bolts. The factory bolt hole in the 3", 4" and 5" brackets is 9mm in diameter.
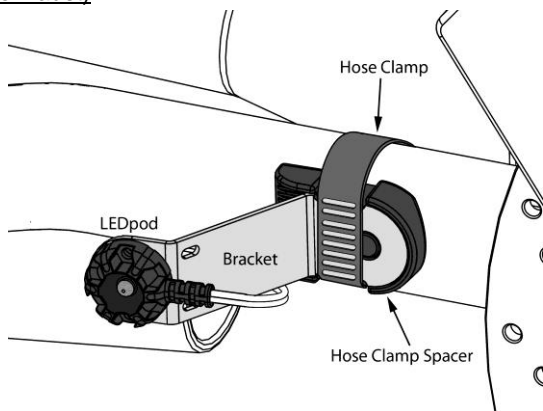
Option (C) - Hose Clamp mount with Bracket and Hose Clamp Spacer, Use a Hose Clamp and rubber Hose Clamp Spacer to secure a Bracket to fixed bars/tubes/etc. The hose clamp spacer will add 1" to your overall circumference needed for the hose clamp

Note: Standard Hose Clamp Spacer IS provided in the kit. Appropriate sized Hose Clamp for your bike should be purchased separately.
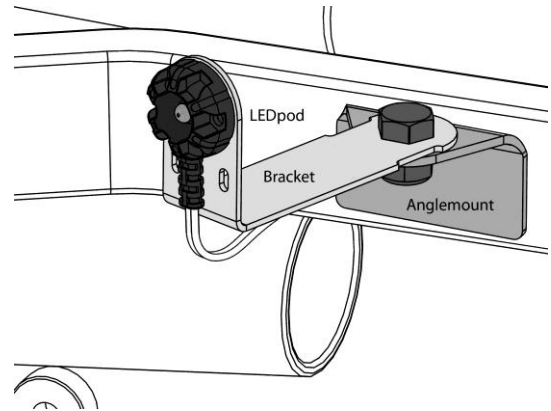
Option (D) - Angle Mount with Adhesive and Bracket. Use the adhesive backed Angle Mount to mount a bracket to any flat, sturdy surface (at least 1"x2"). A Bolt and Nylock Nut secure the Bracket to the Angle Mount, and allow the Bracket to rotate to position.
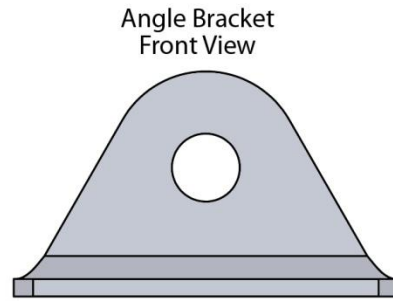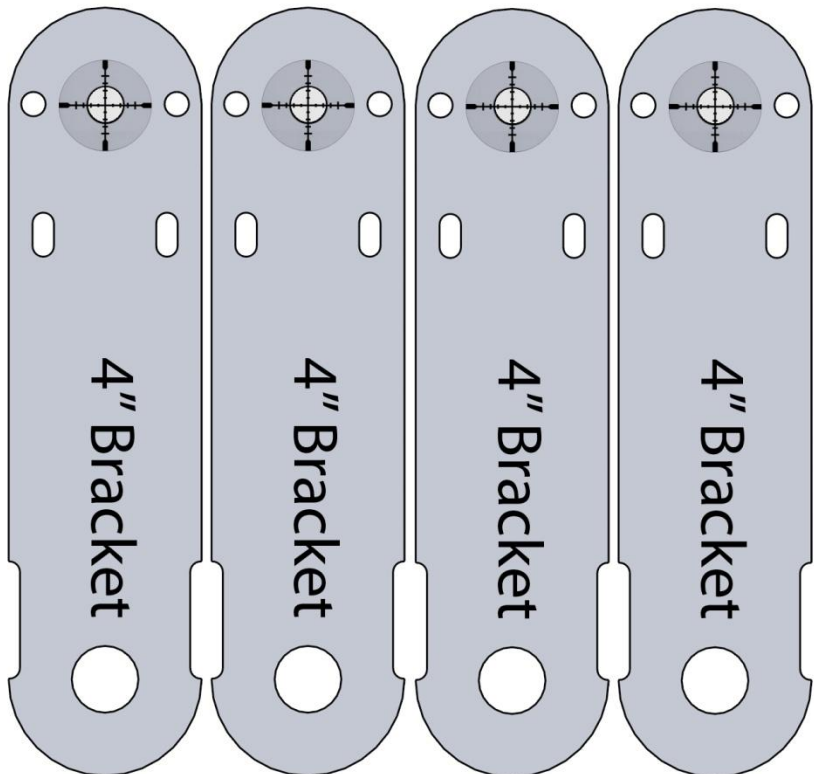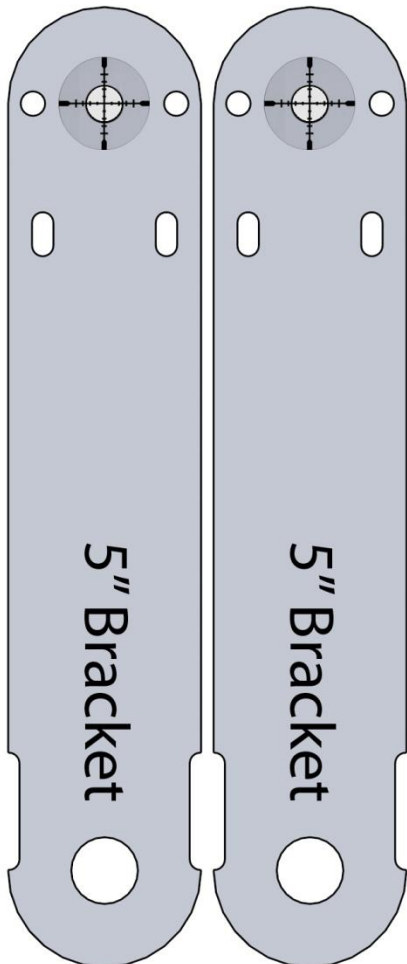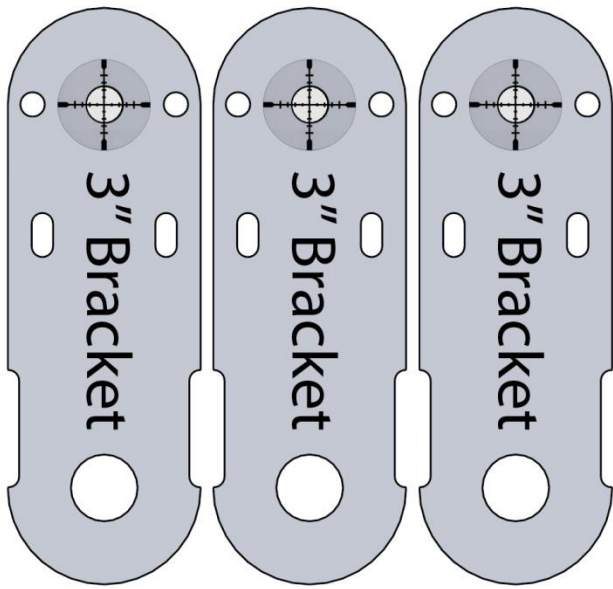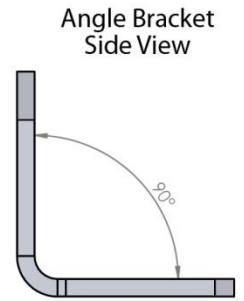
*See Angle Mount scale drawing on reference tool page.

Paper Bracket Reference Tool

Before bending aluminum brackets, cut out these
paper templates, and use to test for best fit

3" Bracket

3" Bracket

3" Bracket

**Angle Bracket
Front View**

**Angle Bracket
Side View**

90°

Angle Bracket
Adhesive Area
1" x 2"

Angle Bracket
Adhesive Area
1" x 2"

0"   1/2"   1"

Check Scale
1" = 1"

5" Bracket

5" Bracket

4" Bracket

4" Bracket

4" Bracket

4" Bracket