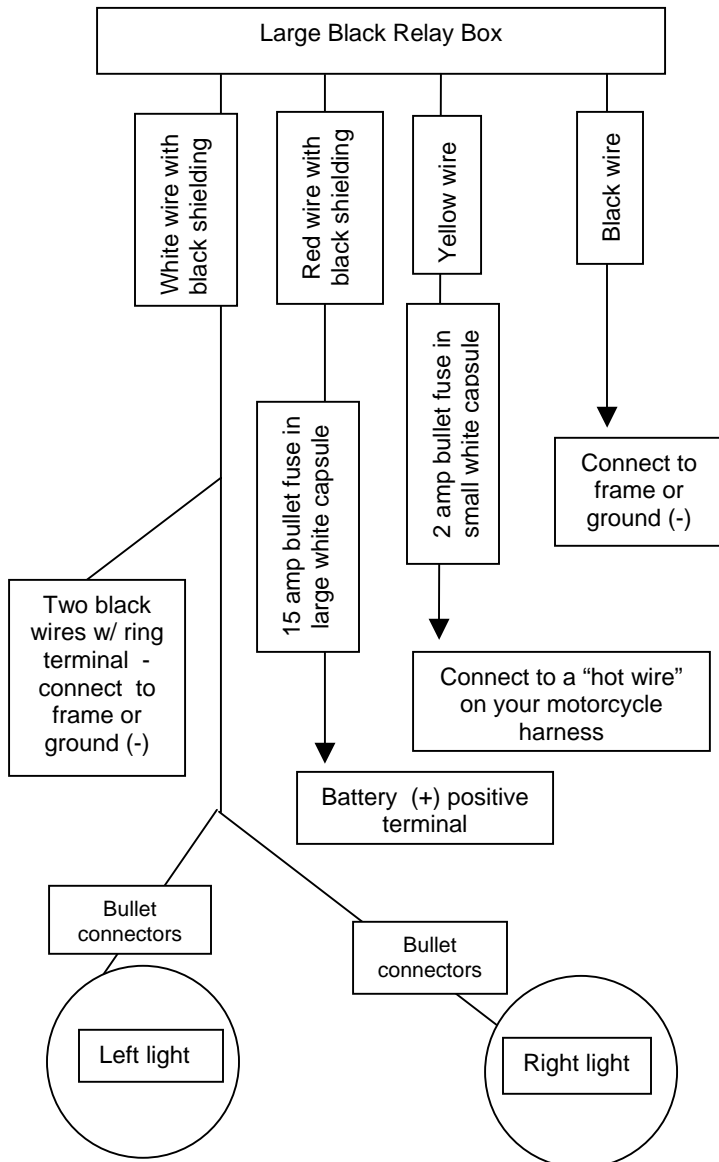


## IPF REV1 Lighting Systems

Don't read Japanese? Can't understand the instructions that came in the box? Neither do we, so we wrote some simple instructions in plain English that should make your installation go much easier. Follow these instructions and you should have your lights up and running in less than an hour. Please note that these instructions are provided as a free courtesy to our customers. The value of these instructions is worth exactly what you paid for them – nothing. BestRest makes no representation that the information contained is technically accurate or that it will work for your application. It worked for us, but your mileage may vary.

1. Unpack the box and check that all the parts and systems are present. You should have the following:
  - 2 – Light assemblies with bullet connectors
  - 1 – wireless remote wireless switch
  - 1 – mounting hardware in plastic bag
  - 1 – wiring harness with assorted leads
2. Layout the wiring harness and plan your attack. Make sure you locate the relay in a position that the wires will reach the lights, and make sure the power wires will reach the battery.
3. Here's a simple wiring diagram:



4. Mount the relay so it's protected from road debris. The relay housing is "waterproof" under most conditions, but don't go swimming across a river just to test the system.

5. Connect all ground wires to a frame member or other well-grounded connection.

6. When planning placement of the fuses, remember if that when the fuse burns out you'll need to gain access – don't bury the fuses somewhere under the gas tank or in a position that's inconvenient or impossible to find at a later date.

7. When connecting the yellow wire, tap into a wire that's "hot" when the ignition is turned on, but goes "cold" when the ignition is turned off. The tail light wire is usually a good choice. IPF provides a red tapping connector in the parts package.

8. When choosing placement of the wireless switch, protect it from direct contact with water. The switch case is water resistant, but it is not waterproof. When washing your motorcycle or when riding in rainy weather protect the switch with a plastic baggie or cover it with electrical tape. The wireless switch contains electrical circuits and a transmitter that could be damaged if immersed in water. Should your switch get wet, carefully remove the back (4 small screws) and allow it to dry. Reassemble the unit and it should work fine. Note that failure caused by water in the switch is not covered under warranty. Lost switches aren't either.

9. When you begin wiring the circuits use caution to prevent electrical short circuits. Disconnect the positive (+) terminal of the battery until you have completed all circuits, then connect it and run a systems check before you replace all body panels or gas tank.

10. Under certain applications, placement of the relay against a solid surface may affect the wireless transmitter. If this occurs you may need to relocate the relay.

11. The REV1 lights come from the factory configured to "hang down" from the mounting surface. You can reconfigure the lights so that they mount on the top of a surface. Remove the screws on the side of the lamp assembly, flip over the reflector assembly and nacelle, and reinstall the parts. The square drain hole should always be down.

12. The high performance double-stick tape found in your parts kit will secure the REV1 lights to any clean flat surface. Wipe the surface with alcohol or other solvent to remove grease or oil. You only get one chance to place the double-stick tape, so measure it twice and stick it once! If desired, you can also use the supplied sheet metal screws to permanently affix the REV1 lights. For mounting options see below.

### BestRest's REV1 Mounting Brackets (Optional Suggested Items)

Want more adjustability than you get using the sticky pads provided by IPF? Then you'll want a set of our stainless steel mounting brackets. They replace the plastic mounting foot with a sturdy U-shaped metal bracket that allows full movement in all directions.

You'll remove the plastic mounting foot and replace those plastic fittings with our BestRest stainless brackets. Use our 5mm nuts to tighten the original IPF screws. Use our 6mm screws and nuts to attach the BestRest bracket to your light bar or other mounting surface. With this setup you'll be able to maximize the performance of your REV1 lights. BestRest brackets are \$20 per set.

The stainless bracket kit contain the following items:

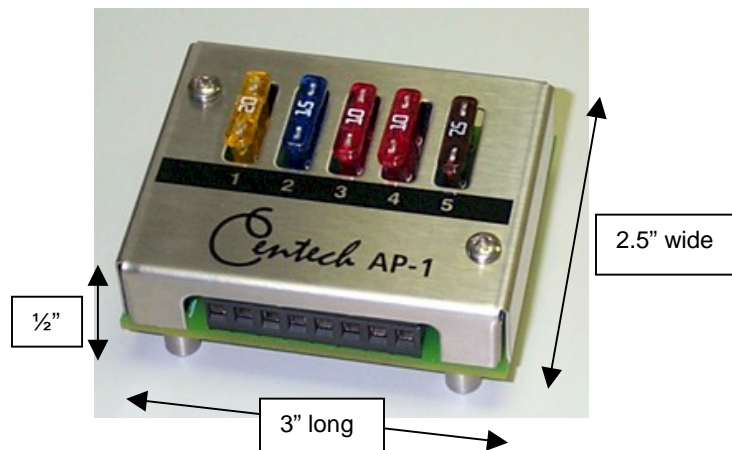
- 2 – stainless angles designed to replace the plastic mounting foot
- 2 – M6x20 socket head cap screws
- 2 – M6 nylon locknuts
- 2 – M5 nylon locknuts
- 4 – large washers
- 2 – small washers

Remove the two Phillips head screws holding the plastic “foot” onto the light assembly. Place the SS angle on the light assembly. The angles are designed so they are pointing “forward” in the same direction as the original plastic foot.

Use the Phillips screws to attach the SS brackets to the lights. Use the large socket head cap screws to hold the brackets to your light bar. You can now adjust the lights in two directions, up-and-down, left-and-right.

### Centec Fuse Panel (Optional Suggested Item)

Because we run auxiliary lights, electric clothing, radar detector, GPS, and a host of other accessories on our motorcycle, we need a fuse panel that can handle all the circuits, and still work independently from the factory wiring system. The Centec AP1 fuse panel is perfect for this application because it's capable of 8 different circuits and 5 independent fuse ratings. It measures only ½ x 2 ½ x 3” so it fits practically anywhere. It's available from BestRest for about \$50.00



### Safety & Other Notices

Adjust your auxiliary lights so that you don't blind oncoming traffic. These lights are sold for “off-road use only”. Obey all local laws as may apply. Use caution when mounting auxiliary lighting system. Off-road travel or washboard surfaces place high stress loadings on mounting systems. Off road travel can lead to premature metal fatigue and/or structural failure.

If structural failure occurs your lighting system could fall downward and interfere with the wheel, resulting in handling or control problems. It's very important to check the brackets on a daily basis for signs damage, metal fatigue, and/or loose or missing hardware. If these are discovered you should immediately remove the lighting system from service until repairs can be made.

Do not proceed with product installation unless you are qualified to complete the installation in a safe fashion and as described herein. Do not use these products unless you have read all instructions and understand how these products work and what limitations, if any, they may have.

BestRest shall not be responsible for any personal injury or damage caused

by installation of an electrical component or auxiliary lighting system. In other words, don't blame us if these techniques didn't work for you!

It is the responsibility of the Consumer to evaluate the suitability of these products for personal use. Consumers must evaluate whether these products meet their needs and whether these products can be mounted and used in a safe fashion. The Consumer accepts full and complete responsibility for selection of products and for mounting and maintenance of these products. The Consumer agrees to follow and abide by all instructions, warnings, recommendations, or other information supplied or published by BestRest Products.

It is the Consumer's responsibility to inspect all screws, fasteners and fittings on a daily basis, tighten or replace them as necessary, and to regularly inspect the entire lighting system and mounting hardware for signs of missing parts, excessive wear, metal fatigue, or imminent failure. Should any of these be observed the assembly should be removed from the motorcycle and not used until inspected and repaired by a qualified motorcycle technician.

BestRest Products, it's employees, agents, and owners assume no liability whatsoever for property damage, personal injury or other losses resulting from the Purchaser's failure to properly maintain the products, for unauthorized modifications of any kind, for use of unauthorized parts (including bushings, screws, pins, or other fasteners), or for use of any IPF or BestRest Product in a fashion not intended by BestRest or described as a suggested application in BestRest literature.

Because installation of these products is done by others outside our control, we cannot assume any liability or responsibility whatsoever for improper or unsafe installation, or installation which is contrary to published instructions, for products that are improperly secured or maintained, or that are improperly tightened or otherwise secured, or which are otherwise improper fitted to the motorcycle.

Only authorized, and approved replacement parts, assemblies, nuts, washers, screws, fasteners or fittings may be used when mounting, installing, or repairing any product. Authorized replacement parts may be purchased only from BestRest Products. Parts from other sources or vendors are not covered under warrantee and will void any Consumer claims against BestRest or others. Any use, modifications, or applications of any BestRest Product, other than those authorized by us in writing, are specifically prohibited.

Please don't send broken or defective lights or bulbs to BestRest Products because they will be refused. Please read below.

Warrantee claims for IPF lighting systems and IPF bulbs is handled directly through the US importer, ARB-USA. Warrantee is valid for one year from date of purchase for items that are deemed to be “defective”. However, terms of warrantee are at the sole discretion of ARB-USA and may be changed or withdrawn at their discretion. Problems arising from improper installation, voltage fluctuations, damage as a result of accident or collision, or normal wear and tear are not covered. If you have a warrantee claim you must follow these steps to obtain replacements or other warrantee service.

Call ARB-USA at the following number: 1 (425) 264-1391. Ask for the Tech Department - Tim, Robbie or Steve. Tell them you have a warrantee claim for an IPF REV1 system and explain the problem. They will make a determination if your claim falls within their warrantee coverage and they will give you further instructions. To be eligible for warrantee you must provide written proof of purchase, including the date of purchase - refer to your BestRest purchase invoice. IPF lighting systems or bulbs purchased from other sources (in other words, not purchased from BestRest Products) are not covered under any warrantee.

Prices, specifications, warrantee terms, and installation instructions are subject to change without notice.

For our product line, legal disclosures, and a description of warrantees on other BestRest Products, please refer to our website:

[www.bestrestproducts.com](http://www.bestrestproducts.com)

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