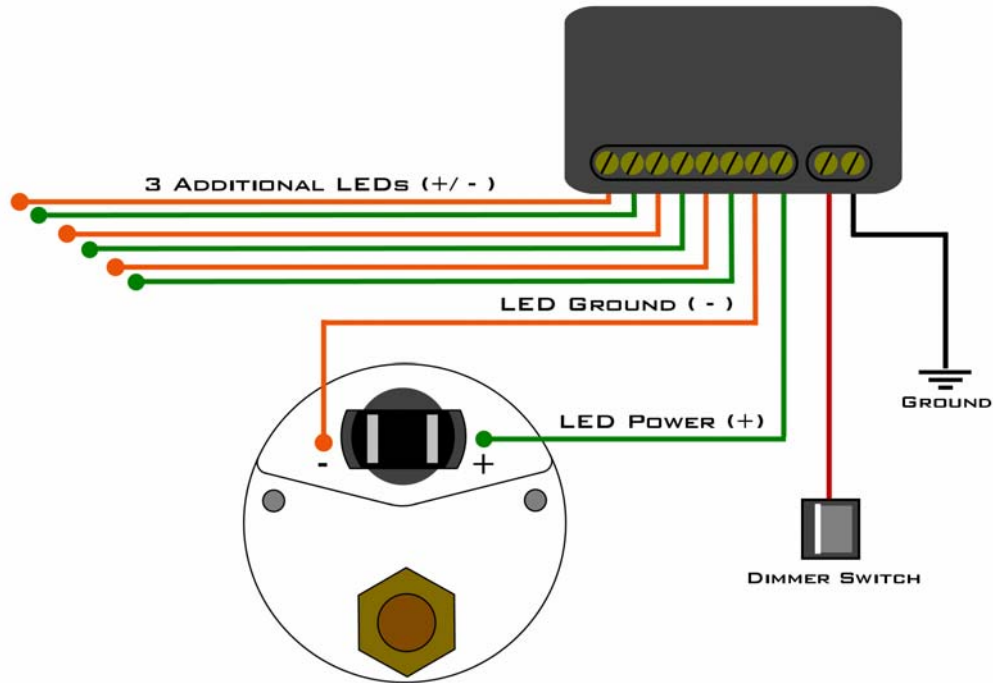


## Perfect Match LED & Power Regulator – Installation Instructions



\* Perfect Match LEDs should **NEVER** be powered without a 42 Draft Designs Power Regulator!  
\*\*Power Regulator 12 volt input **MUST** be vehicle dimmer switch!  
\*\*\*Any other connection to power voids warranty immediately!

**Tools Recommended:** Wire Cutter, Wire Stripper, Terminal Crimper, Small Flat-Head Screwdriver

1. Remove any interior panels necessary to access the dimmer switch, common ground, and gauge mount. Locate the output wire of your dimmer switch and a common ground. (See "VW Tips and Tricks" at [www.42draftdesigns.com/tech.htm](http://www.42draftdesigns.com/tech.htm) for further instructions)
2. Using the included 22 gauge wire, tap the output wire of your dimmer switch and connect to the appropriate terminal of the power regulator.
3. Using the included 22 gauge wire and 'red' ring terminal, connect the power regulator to a common ground.
4. Remove VDO light bulb socket and remove light bulb. Install PM LED by pushing directly into lamp socket.
5. Using 2 pieces of included 22 gauge wire and 2 'red' spade terminals connect one LED & lamp socket to the power regulator. Positive and negative power terminals are clearly labeled.
6. Apply power to the regulator by turning on the vehicle's lights. LED should light immediately. If not lit, remove the bulb from the lamp socket and rotate 180°.
7. Install up to 3 more LEDs as needed.
8. Mount power regulator in a solid location to ensure the best electrical connection. It is recommended that the power regulator be isolated from the gauge panel / pod.

### Installation Tips & Precautions! :

- For best results, we recommend the connection to the dimmer switch output wire be soldered. Simply wrapping wires together is far from ideal.
- Never connect power regulator to vehicle common 12 volt power. The dimmer switch provides the regulator with a clean 12 volt power source. Vehicle common 12 volt is typically 14+ volts and will destroy this product!
- Never connect more than one LED to a set of +/- terminals. This regulator will power 4 LEDs – no more! Each set of terminals provides one LED with regulated power.
- Do not over tighten the power regulator screw terminals. Screw terminals are not head studs, they are just electrical connections!
- Last but not least, please **follow these instructions and pay attention to the warnings!** We don't provide these instructions for our health – we write them to ensure you, the customer is able to install our product flawlessly the first time and avoid common mistakes. Good Luck and Have Fun!