

6V Flasher Relay

INSTALLATION AND OPERATING INSTRUCTIONS

Required Parts List

Quantity	Description
1	6V Flasher Relay p/n 800-0002-0
2	Cable Ties
1	Installation Guide p/n 900-0003-1



PHOTO #1



Verify ignition is OFF and the battery is disconnected before performing installation.

- 1 Remove the fuel tank. Unplug the existing Flasher wires and remove the Flasher relay unit. (See Photo #1)

Yamaha GT1 Installation



Yamaha GT80 Installation



PHOTO #2

- 2 Install the CyBurg Flasher unit as shown in Photo #2. Installation in the metal mounting bracket of the GT1 is shown on the left and the rubber mount of a GT80 on the right. **NOTE: To avoid water egress and dust contamination, locate the sound hole facing downward.**



PHOTO #3

- 3 Make the wire connections: Brown = +6v, Black = GND, BRN/WHT = Lamp Load. NOTE: Some earlier Yamaha models had a 2-wire flasher. **The Black Ground wire on the flasher MUST be connected for the flasher to operate.** Connect to a spare black bullet connector, or chassis ground.



PHOTO #4

- 4 Secure and dress any loose wires using the provided cable ties as shown in Photo #4.



Verify Flasher Operation before re-installing gas tank.

- 5 **Prior to installing the fuel tank.** Connect the battery. Verify flasher operation by turning the key to “Run” and pressing the turn signal switch. Check all electrical connections and battery voltage if flasher fails to operate.
- 6 Re-install fuel tank, and re-check flasher operation with the engine running.

FEATURES:

- An “attention getting” fast 2Hz flash rate.
- Audible beeper to remind driver and others that signal is active.
- Rugged: Epoxy potted to insure durability in severe outdoor and motorcycle environments.
- Fully electronic design with no relay contacts to wear out.
- Reliable: Extensive real-world field testing.
- Internal resettable fuse to protect power system in case of a short.
- Overload and reverse-polarity protected.
- Designed to mount in existing rubber or metal OEM bracket with no modification.
- Each flasher 100% tested under full load.
- Handmade in the USA.

SPECIFICATIONS:

- Input: 6.4VDC nominal (4.0 - 7.2V DC)
- Output: 4.5A max. (17W x 2 + 3W)
- Audio Indicator: 2700± 200Hz, 80dbA (min) Distance at 10cm @ rated voltage
- Circuit Protection: Internal Automatic Resettable Fuse
- Reverse Polarity Protection: Schottky Diode
- Power Connectors: Male Bullet (+6V, GND) Female Bullet (Lamp Load)
- Environmental: Aluminum case with thermally-conductive potting.
- Operating Temperature: -22 ~ +167 Deg. F (-30 ~ +75 Deg. C)
- Storage Temperature: -40 ~ 185 Deg. F (-40 ~ +85 Deg. C)
- Dimensions: 2-7/16" lg. x 1-3/8" dia. (62mm lg. x 35mm dia.)
- Weight: 4oz. (110gm)
- Mounting: Uses factory metal or rubber mount.

NOTES:

- This Flasher can be used to replace the earlier 2-wire flasher; however, you **MUST** ground the black wire for the flasher to operate. Connect the black wire to an existing black ground bullet connector, or ground to the frame at a convenient location.
- If a signal lamp burns out, the beeper will stop or noticeably change pitch.
- This flasher is designed for use with incandescent lamps. The use of LED lamps is **NOT** recommended.
- This flasher will draw a small standby current when the ignition switch is on. This could lead to battery drain if the key is left in the “ON” position
- The sale is for the flasher unit only, no additional mounting brackets or hardware is included.
- The flasher must be mounted facing downward such that water and dirt does not enter the sound hole.
- In case the fuse trips, remove the source of the short circuit. The internal fuse must cool before automatically resetting.
- The Turn Signal Flasher is warranted to be free of material defects for 90-days from date of purchase. ****Warranty is void if Flasher has been modified or abused by installation or applications other than indicated above.**

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**CyBurg Technologies, LLC.
Limited Warranty**

What This Warranty Covers

This warranty covers substantial defects in materials and workmanship in your new 6V Flasher Relay for 90 days from date of purchase.

What This Warranty Does Not Cover

This warranty does not cover any problems which result from improper installation, installation in unapproved vehicles, abuse, accidents, or acts of God, such as hurricanes or floods. Cut or damaged cables are indication of improper installation. CyBurg Technologies DOES NOT PROVIDE ANY OTHER WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF IMPLIED WARRANTIES, SO THIS LIMITATION MAY NOT APPLY TO YOU. CyBurg Technologies is not responsible for returning to you product which is not covered by this limited warranty.

How Long The Warranty Lasts

The coverage of this warranty lasts for 90 days from date of purchase. A valid proof of purchase may be required to prove eligibility. If you do not have a valid proof of purchase, the limited warranty period will be measured from the date of manufacture.

How To Get Service

To obtain limited warranty service, you must first obtain a Return Materials Authorization and ship-to address by contacting Cyburg Technologies, LLC via email at cyburg@cyburgtech.com. You must return the product in secure packaging as directed in our reply. You must pay any associated transportation charges, duties and insurance in shipping the product to CyBurg Technologies. Cyburg Technologies warrants that the replaced products are covered for the remainder of the original product warranty or 90 days, whichever is greater.

Limited Liability

CYBURG TECHNOLOGIES LLC. AND ITS AFFILIATES, SUPPLIERS, DISTRIBUTORS, AND RESELLERS ARE NOT LIABLE FOR ANY OF THE FOLLOWING: 1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN BODILY INJURY INCLUDING DEATH AND TANGIBLE PERSONAL PROPERTY; 2) LOSS OF, OR DAMAGE TO, YOUR DATA; OR 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF INFORMED OF THE POSSIBILITY. SOME JURISDICTIONS DO NOT ALLOW LIMITATION OF LIABILITY, INCIDENTAL DAMAGES, OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

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