

Patterns/Modes

Pattern/modes:

- | | |
|-------------------------|---------------------|
| 1: (D) STEADY | 12: (2) BRAKE TAP 7 |
| 2: (D) SIG-ALERT STEADY | 13: (2) BRAKE TAP 8 |
| 3: (D) BRAKE TAP | 14: PARADE MODE 1 |
| 4: (2) STEADY 2 | 15: PARADE MODE 2 |
| 5: (2) SIG-ALERT STEADY | 16: PARADE MODE 3 |
| 6: (2) BRAKE TAP 2 | 17: PARADE MODE 4 |
| 7: (2) SIG-ALERT FLASH | 18: PARADE MODE 5 |
| 8: (2) BRAKE TAP 3 | 19: PARADE MODE 6 |
| 9: (2) BRAKE TAP 4 | 20: PARADE MODE 7 |
| 10: (2) BRAKE TAP 5 | 21: PARADE MODE 8 |
| 11: (2) BRAKE TAP 6 | 22: PARADE MODE 9 |
| | 23: PARADE MODE10 |

(D) Designates DOT/FMVSS Compliant Pattern(s)

(2) Indicates Level 2 Intensities and are brighter than stock

PARADE MODEs are not intended for continuous or night use

* Any other mode but (D) is for off road use *

Tail Light Intensity Levels

When Tail light is active (not brake)

- | |
|---------------------|
| 1: LEVEL 1 (1%) (D) |
| 2: LEVEL 2 (3%) |
| 3: LEVEL 3 (10%) |

Magnet placement is critical to sensing the embedded components.

This may take a few tries initially to become accustomed to proper alignment and functionality.

STAND BACK to get the FULL Effect.

This Light is Designed for Extended Distance Visibility.

CAUTION!!

Our LED Lights are INTENSE!!

PLEASE

DON'T STARE INTO THEM!!

ADDITIONAL ACCESSORIES & REPLACEMENT PARTS:

- | | |
|-------------------------|-----------|
| Replacement "Magnet" — | BAL-MAG1 |
| Replacement Gasket — | BAL-GSKT1 |
| Security Screws & Bit — | BAL-SEC1 |
| | BAL-SEC2 |

Replacement Lenses Are Also Available

BAL™

WWW.BRIGHTASSLIGHTS.COM

Owner's Record

Light Serial Number:

(found on box or back of light) _____
(Required for Warranty/Tech Support)

Where Purchased: _____

Date of Purchase: _____

See our website for additional information

Please retain your light serial number for any correspondence

'BCM' Model Bike Compatibility*

This light is compatible with BCM model motorcycles and retains factory features of the brake light circuit, provided that no additional accessories have been added to the brake circuit.

* BAL Units Manufactured After 01/2013

For Technical Assistance Please Call
(386)-246-8737 or visit our website

WWW.BRIGHTASSLIGHTS.COM

We're Proud,
All Of Our Products Are
Designed & Made in the USA!

This product was designed as a plug and play device
WARRANTY VOID IF MODIFIED

(this includes cutting of connector, disassembly, drilling, painting, etc)

IF YOU HAVE A PROBLEM, CALL US.

NO USER SERVICEABLE PARTS INSIDE

LIMITED 5 YEAR WARRANTY

PSI warrants the original consumer purchaser that the enclosed product is free from defects in material and workmanship. This is provided that the product has been installed and operated in accordance with the manufacturer's recommendations. During the warranty period the PSI Factory Repair Center will repair or replace (at its option) any parts or electronic assemblies of the unit which disclose a defect in material or workmanship, excluding lens. Product may be returned postage pre-paid to: PSI Repair, 3000 E. Moody Blvd., Building 1, Unit C Bunnell, FL 32110 with a copy of the purchase receipt or warranty registration on file. Warranty does not cover labor costs for removal and reinstallation of the unit for repair which is performed by the installer or dealer. This warranty is not applicable to any PSI product that has failed due to abuse, misuse, improper installation, excessive voltages, or alterations to the product that affects, in the manufacturer's judgment, intended use and service. PSI will not be held liable for any incidental or consequential damages from use and assumes no responsibility or liability for expenses incurred in the removal and/or reinstallation of products requiring service and/or repair; nor the packaging, handling and shipping to the Repair Center or Dealer. PSI reserves the right to modify this warranty statement at any time; or discontinue, modify or upgrade of it's manufacture with design improvements without prior notice. There are no other warranties, expressed or implied, including, but not limited to, any implied merchantability or fitness for a particular use. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

BRIGHTASSLIGHTS™



READ THIS FIRST!

INSTALLATION INSTRUCTIONS & WARRANTY INFORMATION

BAL-1 & 3 Series



P.S.I.
Ormond Beach, Florida
386.246.8737
866.364.6690

WWW.BRIGHTASSLIGHTS.COM

PLEASE READ BEFORE INSTALLING

Do Not Remove Protective Film Until Finished

Tools Needed:

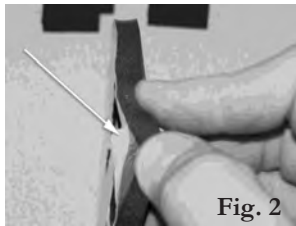
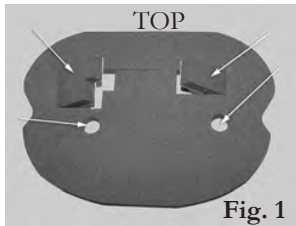
Phillips Screwdriver

Directions:

(for all 2000 to present H-D Models)

Pre-'99 models may require the BAL-ADAPT98G (sold separately) which will also include a different gasket for that model

- 1 Unscrew two Phillips screws from Factory tail light & save for re-use on new light.
- 2 Unplug factory tail light & wipe flange area.
- 3 Remove the knock-outs from the new gasket. (fig. 1)



- 4 Remove paper backing by *carefully* pinching the edge of the gasket and gently pulling away from the paper, taking precautions to *not* rip the gasket (fig. 2)

⇒ **Gasket will stick to chrome flange, not lens** ⇐

For MOST H-D Models:

- 5 Follow steps 1 thru 4. Starting at the top of flange, place the top of the gasket up under the lip of the flange. While keeping it centered, begin pressing the sides of the gasket down, making sure the edges stay inside the flange. Press down on the bottom of the gasket to stick to flange. Carefully tuck the gasket around the wires so that the wires fit into the 2 holes in the gasket (fig. 3). Please make sure there are no large gaps around the wires as this will let moisture & dirt inside the back of the light.



Fig. 3



Fig. 4

For Bobtail Models:

- 5a Follow steps 1 thru 4. Starting at the bottom of the flange, place the bottom of the gasket down above the lip of the flange. While keeping it centered, begin pressing the sides of the gasket down, making sure the edges stay inside the flange. Then press the top of the gasket down. Carefully tuck the gasket around the wires so that the wires fit into the 2 holes in the gasket. Please make sure there are no gaps around the wires as this will let moisture and dirt inside the back of the light. (See figures 5 & 6 below)

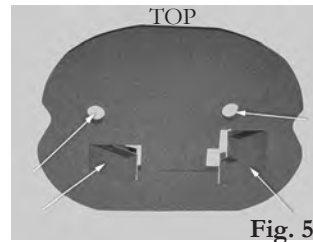


Fig. 5



Fig. 6

For Tri-Glide Models:

- 5b Follow steps 1 thru 5. After the gaskets are installed, utilize the knock-outs previously removed in step 3 to seal the area in the flange where no wires are present on each side. (See figures 7 & 8)

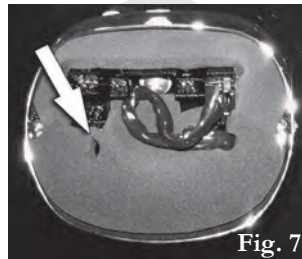


Fig. 7

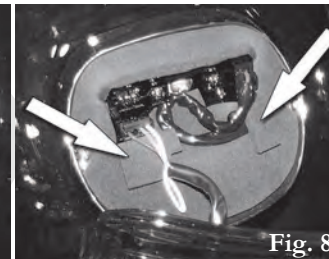


Fig. 8

Freewheeler Models:

- 5c Follow instructions for Bobtail models **FIRST**, then follow instructions for Tri-Glide models regarding covering the hole in the gasket where no wires are present. It is absolutely critical that the area is sealed, otherwise dirt/debris or moisture could enter and cause problems over time.

Prior to the next step verify that the gasket is *not* covering the 2 screw locations (fig. 4)

IMPORTANT:
DO NOT use any thread locking material on the screws as this WILL damage the lens

DO NOT MODIFY GASKET IN ANY WAY

⇒ **TIP:** Shine a flashlight under fender towards tail light. If you see light around wires & gasket, reposition.

- 6 Plug in New Tail Light (make sure it locks in).
- 7 With palm of hand, push lens against flange to 'seat' and compress the new gasket, aligning screw holes. Insert screws & tighten.

-Tighten by Hand & Do Not Over-Tighten -

- 8 **DONE!** Time to set modes below.

****Always Check Full Operation Before Riding****

Using Brake Patterns:

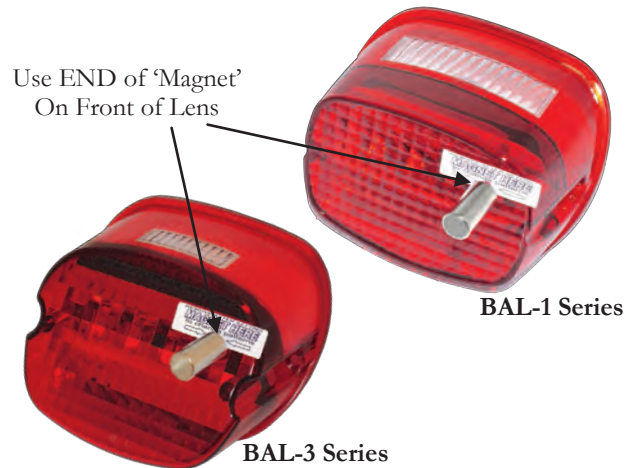
NOTE: Patterns can only be set when **BRAKE IS ON**.

Use supplied Wire Tie to compress brake switch (Just enough to trigger brake light and easy to remove). With brake light on, place the provided special magnet tool (end with colored dot) close to the designated area on the lens (may need to touch lens), then pull away quickly and observe pattern change. This needs to be done quickly— holding the tool close to lens for more than a second will go **backwards** in patterns. If pattern doesn't change, try the other end of tool.

Changing Running Intensity:

With IGN on and NO brake applied, use magnetized tool to change to one of 3 Run Mode intensities, in the same manner as setting brake patterns.

Use END of 'Magnet'
On Front of Lens



BAL-1 Series

BAL-3 Series

Patterns/Modes Listed on
Back of Manual



Please Note:
Gasket **MUST** be removed prior to reinstalling OEM light.
Gasket may be removed by **SLOWLY** peeling off.