tailBlazer™

DECELERATION WARNING

OLDER MODELS

Goldwing Models

12-pin Plug

2018 and newer models

INSTALLATION GUIDE

Kisan ELECTRONICS

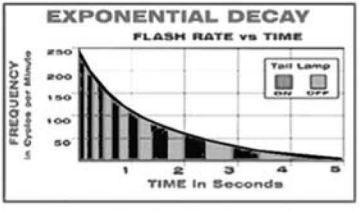
TECHNOLOGY for SAFETY

FLASHING BRAKE LIGHTS AS A DECELERATION WARNING:

There is nothing illegal about flashing brake lights. Motorcyclists are openly encouraged to tap their brakes while coming to a stop. This is clearly described in each State's Drivers License Manual. Even the Motorcycle Safety Foundation (MSF) course material recommends this practice.

However, as a matter of practical consideration, remembering to tap your brakes may otherwise distract your attention to the traffic around you. ***tailBlazer*** modulators do it automatically – every time you apply the brakes.

Motorcycles are much smaller and in most cases have the brake lights mounted lower to the ground. This makes it difficult for other drivers to notice that you're slowing down or about to come to a stop. To prevent rear-end collisions, many countries in Europe and quite a few States in the US have adopted a Deceleration Warning in the vehicle code.



The primary requirements are:

- 4-second flash sequence
- Exponential decay flash rate
- No alternate flash (wig-wag)

tailBlazer modulators comply fully with these requirements.

For more details contact:

USA
Department of Transportation
National Highway Traffic Safety Administration
Federal Motor Vehicle Safety Standards

CANADA
Transport Canada
Motor Vehicle Standards and Research Branch
Road Safety Motor Vehicle Regulation Directorate

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T50W-GL

12-pin PLUG

Plug
&Play

T50W-GL is designed to modulate the LED brake lights of the 2018 and newer Honda Goldwing models.

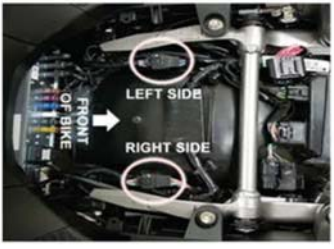
2-PAK package includes one plug-in ***tailBlazer*** for each LED brake light.
The matching 12-pin connectors simply snap-in with the sadlebag harness.

- Both output plugs are polarized
- Modulates for a 4-sec ***Deceleration Warning*** with brakes applied (Trigger voltage: 11.9 volts)

Please Note!

If your bike has a trailer hookup, it must be equipped with isolator to avoid CAN-bus conflict.

T50W-GL INSTALLATION:



- Remove seat and locate the 12-pin connectors
- Unlatch the 12-pin connectors and install the ***tailBlazer*** inline
- Each one can be installed on either side
- Tuck the 12-pin connectors under the rails to keep the center clear and avoid crushing when seat is put back on.

Please Note:

Trailer hook-up requires CAN-bus isolator to avoid faults

Other accessory installed inline with 12-pin connectors may cause overload

200GW-12

Bult-in Accelerometer

Plug
&Play

200GW-12 is designed to modulate the LED brake lights of the 2018 and newer Honda Goldwing models.

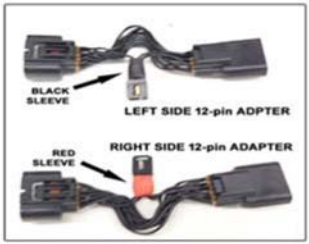
The complete kit includes (2) adapters with matching 12-pin conectors for inline plug-in with the sadlebag harness, into which the output plugs of the ***tailBlazer*** are inserted.

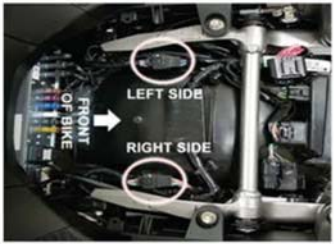
- Accelerometer activation *AND* brake activation is built-in the **200GW-12**
- Modulates for a 4-sec ***Deceleration Warning*** with brakes applied (Trigger voltage: 11.9 volts)

Please Note!

If your bike has a trailer hookup, it must be equipped with isolator to avoid CAN-bus conflict.

200GW-12 INSTALLATION:





- Remove seat and locate the 12-pin connectors
- Unlatch the 12-pin connectors and install the ***tailBlazer*** Adapters inline

  Right Side - RED sleeve
  Left Side - BLACK sleeve

- Now you are ready to plug the ***tailBlazer*** into both of the Adapters.
  The Right side plug is marked and has RED sleeve
  The Left side plug is also marked and has BLACK sleeve
- Tuck the adapters under the rails to keep the center area clear and avoid crushing when seat is put back on.
- Mount the 200GW ***tailBlazer*** using velcro pad towards the back, in front of the relay panel and keep the plug wires clear of the center area.

Please Note!
Vertical mount is best for proper tiggering of the accelerometer.

25LED-D4

Brake & Tail
Dual Function

Plug &Play

25LED-D4 ***tailBlazer*** is a dual function unit.

It illuminates the Hondaline Spoiler LEDs at reduced intensity as tail lights and modulates them at full brightness when the brakes are applied.

- Porogammable tail light intensities: about 50% or 30% of full bright
- Matching 4-pin connectors are weather proof
- Modulates for a 4-sec ***Deceleration Warning*** with brakes applied (Trigger voltage: 11.9 volts)

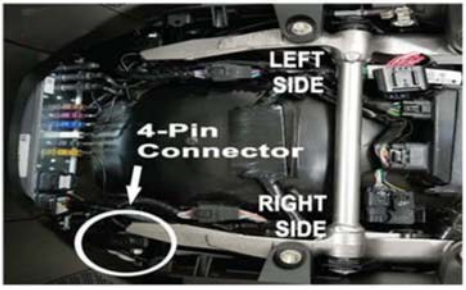
Please Note!

24LED-D4 is designed for the factory Hondaline spoiler LEDs. Not meant to be used on other aftermarket spoilers.

25LED-D4 INSTALLATION:

Locate Connector

- Between frame & saddlebag
- Where grab handle would be
- Inside a rubber boot



- Remove seat and RIGHT side passanger grab rail
- Locate the 4-pin connector, unlatch it and plug the ***tailBlazer*** inline
- Tuck the 25LED-D4 ***tailBlazer*** in the space between frame and saddlebag

Adjusting brightness of SPOILER for TAIL LIGHT FUNCTION

- Apply and Hold the brakes and keep holding, then
- Turn ignition ON (3) times
- You can switch between two levels of brightness back and forth

BRAKE LIGHT FUNCTION is always at the maximum brightness

Please Note!

If you have trunk light accesory installed, the spoiler will illuminate as taillights when trunk lights are on.

200GW:

(1) WIRE SPLICE-IN

tailBlazer 200GW has (3) screw-in terminals:

- Input Terminal: for Brake Input
- Output Terminal: for Output to the bulbs
- Ground Terminal: for the Ground
- Modulates the Brake bulb for a 4-sec *Deceleration Warning*
  Trigger voltage: 10.9 volts

Note!

200GW can handle up to (4) brake light bulbs, which are typically 25 watts each. If you have a trailer with more than (2) bulbs, it will exceed the rated wattage. Max Load is (6) x25W or 150W

DO NOT EXCEED THE RATED WATTAGE.
Warranty coverage will be denied, if unit is damaged from overload.

200GW INSTALLATION:

This is a heavy-duty unit designed to handle up to (4) brake bulbs.

GL-1800 models

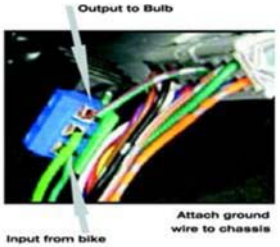
GL1800 Models

Remove seat and locate the 16-pin connector – directly under the passenger backrest.

■ The brake wire to splice-in is:
Green w/Red Stripe & Silver Dots.

■ Input, Output and Ground terminals are as shown.

■ Use the Velcro to mount the unit in an appropriate location.



GL1500 Models

GL1500 Models

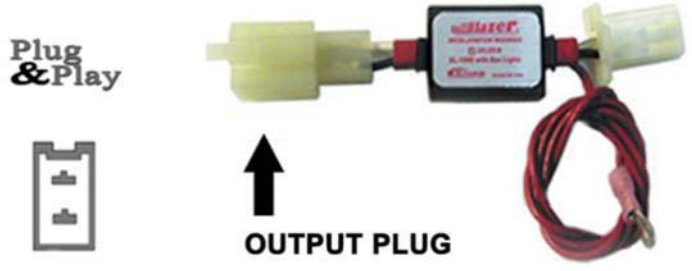
Remove seat and locate the 25-pin connector. It is on the left side, toward the back of the tank.

■ The brake wire to splice-in is:
Dark Green w/Red Stripe

■ Input, Output and Ground terminals are as shown.

■ Use the Velcro to mount the unit in an appropriate location.

25LED-D:



25LED-D unit is for a Dual Input operation. Accessory input of 12-volts is required to power the unit.

- Polarized Input Plug
- Output Pins are protected
- Low intensity tail lights pass-thru'
- Modulates for a 4-sec ***Deceleration Warning*** with brakes applied (Trigger voltage: 11.9 volts)

Please Note!

If you have aftermarket Dual-row LED spoiler, instead of Single- row **Hondaline** type, do not use this product. **T50W-G** is the correct tailBlazer for brake LEDs of dual-row spoiler lights.

25LED-D INSTALLATION:

This unit has matching connectors for the 2017 & older GL1800 models.

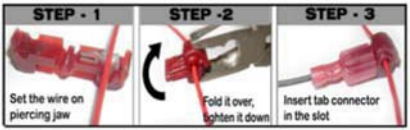
■ The inner plastic liner has to be removed to gain access to the 2-pin connectors of the LED spoiler.

■ Plug the unit in-line and attach it with the Velcro pad supplied.

■ The accessory input wire **MUST BE** connected to supply power to the unit. The trunk latch-release (18-pin) connector is a good place to tap into. The Light Green wire with Black stripe is s suitable source.

■ Wrap the scotch-lock connector on the wire then tighten it with pliers

■ Insert the male tab of the wire-end fully in to the slot of the scotch-lock



Insulation Displacement Connector (IDC) allows taping into a wire without cutting. It must be squeezed tight with pliers.

Please Note!

■ Matching connectors are for the original **Hondaline** spoiler only.

■ If you have aftermarket spoiler, you may have to discard the connectors and make appropriate connections.

25LED:

25LED unit is for a single input split voltage operation. Goldwing GL1500 SE models are equipped with the Spoiler LEDs that function with this special unit.

- Polarized Input Plug
- Output Pins are protected
- 6-volt operation for low intensity running lights
- Modulates for a 4-sec *Deceleration Warning* with brakes applied (Trigger voltage: 11.9 volts)

Please Note!

- If the OUTPUT pins feel too lose, spread them a little so that the connection is snug. For additional measure you can also use the shrink tubing supplied. Use a heat gun to shrink-fit the connection.

25LED INSTALLATION:

This is a special unit designed for a split voltage input of 6 volts for low intensity running light and 12 volts step-up for the brakes. **25LED** modulator fits the OEM Wing-light for the GL1500 SE models.

25LED can be plugged in-line with the connector on the back of the trunk lid as shown. Use Velcro strip to mount it.

2-pin input connector is polarized to match with Gold Wing 1500 wiring. The output pins are protected internally, so reverse connection will not harm the electronics. IF the spoiler LEDs do not come on, check the output pins for polarity and connection.

The Running Light Intensity Adjustment is not available on this unit.

■ The step-up regulator of the SE models need minimum of 12.6 volts input to function correctly. ***tailBlazer*** may not execute complete 4-sec flash cycle without the engine running

■ To minimize false triggering from CB transmit function, reroute the coaxial cable of the antenna which runs along the left hinge of the trunk alongside the LED power wire. Separate them as much as possible to eliminate any cross talk.

20W-D:

Plug & Play

Dual-contact Bayonet Base

GL1200 Models

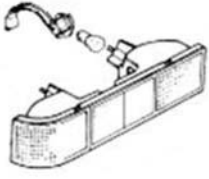
20W-D *tailBlazer* application

- Replaces Dual-contact bulbs: GE #1157 (12V 32/3cp)
- G-4 Halogen element is 20W 320 Lumen output. Average life is 2000 hrs
- G-4 LED element is 7W 320 Lumen output. Average life is 10000 hrs
- Modulates the Brake bulb for a 4-sec *Deceleration Warning* Trigger voltage: 9.5 volts

20W-D 2Pak INSTALLATION:

Replace both tail light bulbs by removing the sockets inside the trunk as shown. The flash pattern is synchronized.

(2) Brake Bulbs



LIMITED WARRANTY

Kisan warrants this product to be free of manufacturing defects for a one-year period after the original date of consumer purchase. A purchase receipt or other proof of original retail purchase will be required. This warranty does not include damage to the product resulting from accident, misuse, improper installation or operation or unauthorized repair or alteration. If the product should become defective within the warranty period, we will elect to repair or replace it free of charge at our option. Parts and/or replacement product supplied under the warranty may be new or rebuilt.

The consumer's sole remedy shall be such repair or replacement as is expressly provided above, and ***Kisan*** shall in no event be liable for any incidental or consequential damages arising out of the use of; or inability to use this product for any purpose whatsoever.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights. You may have other rights, which vary from state to state.

If you have to return the product for warranty service, please contact our service department to obtain a R.M.A. (Return Merchandise Authorization) number and instructions on how to pack and ship the product to us.

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Other products....

This Installation Guide is intended to provide you with general application related procedures. There are just too many different makes and models to be able to cover every specific condition you may encounter with your own motorcycle. We do our best to tell you how to handle most applications but we must depend on your good judgement for dealing with the rest.

Therefore, we strongly urge you to think carefully about what could happen to you and your bike if you use any tools, parts, fastening methods, routing or procedure not described in this Guide. Please read the manual in its entirety

For faster response, please visit the FAQ section in the tailBlazer product section of our website: www.kisantech.com

Kisan ELECTRONICS

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