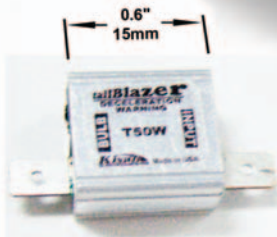


tailBlazer™

DECELERATION WARNING



***tailBlazer*™**
DECELERATION WARNING
ISO-Tap technology Products

INSTALLATION GUIDE

T-50W

Exclusive single-wire **ISO-Tap** design with easy inline hook-up.



TYPICAL TAIL LIGHT APPLICATION



- Modulates Brake bulbs for a 4-sec *Deceleration Warning*
Trigger voltage: 9.5 volts
- Maximum load is 50W – do not exceed!
(2) x 27W bulbs @ typical 14 volts
- Overload or a short-circuit will force a shutdown – Blue LED indication
Can be reset up to (8) times
- Reverse polarity protection – Blue LED indication
Prevents damage to the bike or itself
- May not work with LED taillights with dual voltage circuits
Brake LEDs must be separate from taillight function

T-50W INSTALLATION:



On most models, access to the brake wire is possible by removing the taillight assembly, or simply by removing the seat and following the rear of the taillight housing for appropriate brake wire.

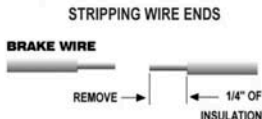
For twin bulb type of taillight arrangements, there's typically a "Y" connection before it is split. To modulate both bulbs,

correct location for the hookup is upstream of the "Y" harness.

Shown here is a color code chart for most popular bikes as a reference only. The location where **tailBlazer** is to be installed will be different from bike to bike and there may be different wire colors at different locations on the bike. Therefore use of a Voltmeter or a test light is highly recommended.

TYPICAL BRAKE WIRE COLORS

BMW	Gray w/yellow
Harley	Red
Honda	Green w/yellow
Kawasaki	Black w/white
Suzuki	Yellow
Triumph	Blue
Yamaha	Yellow



Once you have identified the brake wire and chosen the correct location to install **tailBlazer**, cut and strip the wire ends about 1/4". Crimp the insulated tab connectors supplied and plug them onto the **tailBlazer**.

No ground wire connection is required and the metal housing of the unit does not have to be grounded.

OPERATION:

After you have installed the **tailBlazer**, turn the ignition key on and apply brakes. The brake bulb(s) should immediately begin a rapid flash pattern. The flash rate will then slow down and the brake bulb(s) will stay solid on after 4 seconds. You can re-trigger anytime to begin this deceleration flash pattern.

tailBlazer uses this exclusive flash pattern because flashing 4-times or simply flashing the brakes is not enough. The person behind you has to be alerted that you are indeed **slowing down**.



This is defined as a DECELERATION WARNING according to the Federal Motor Vehicle Safety Standard and also in many of the State Vehicle codes.

If after installing, **tailBlazer** fails to operate correctly, see below.

REVERSE POLARITY



STATUS LED OFF

If the Input/Output connection is reversed, the brake bulb(s) will **not flash**. The blue STATUS LED will not illuminate when you apply the brakes. This built-in protection of the **tailBlazer** circuit prevents any damage to the unit and bike's wiring.

If you were unsure or simply made a mistake in identifying the correct brake wire, or if you connected the wrong ends of the brake wire to the **tailBlazer**, this feature will help and save you time in finding out what went wrong during installation.

OVERLOAD DETECTION

tailBlazer circuit monitors the load continually. As soon as the threshold of 55W is reached, it trips. The brake bulb(s) will remain off but the blue STATUS LED will flash rapidly when the brakes are applied during this 'Tripped Mode'.

Overload detection is instantaneous and accurate to prevent any accidental damage due to a short-circuit from pinched or cut wires.



STATUS LED ON



DANGER OF HAVING NO BRAKE LIGHTS! Do not over-load this unit. Short-circuit protection shuts it down – ***JUST LIKE A BLOWN FUSE!***

Once tripped, the unit will remain in 'Tripped Mode'. It can be reset up to (8) times. The Reset Procedure is shown below.

RESET PROCEDURE:

- ➊ Determine the cause of over-load.
 - ➋ If more than typical (2) brake bulbs are connected and maximum of 55W limit was exceeded, remove the extra load from the output.
 - ➌ If you found pinched or cut or exposed or otherwise damaged brake wire, repair it appropriately.
 - ➍ Now, APPLY and HOLD the brakes first. Then turn the ignition on (4) times – once every second.
 - ➎ If the over load condition is no longer present, **tailBlazer** will execute the flash pattern upon brake activation properly.
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LIMITED WARRANTY

Kisan warrants this product to be free of manufacturing defects for a 1-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.

Kisan Electronics

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