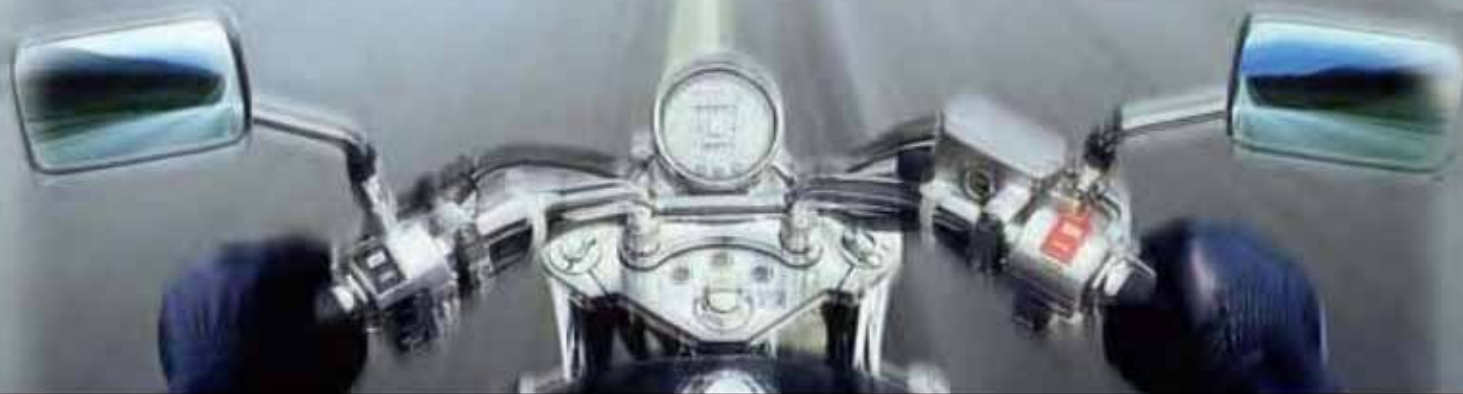


2 GO KEYLESS™



DGD-KIM-V

**Keyless Ignition Module
Installation Guide**



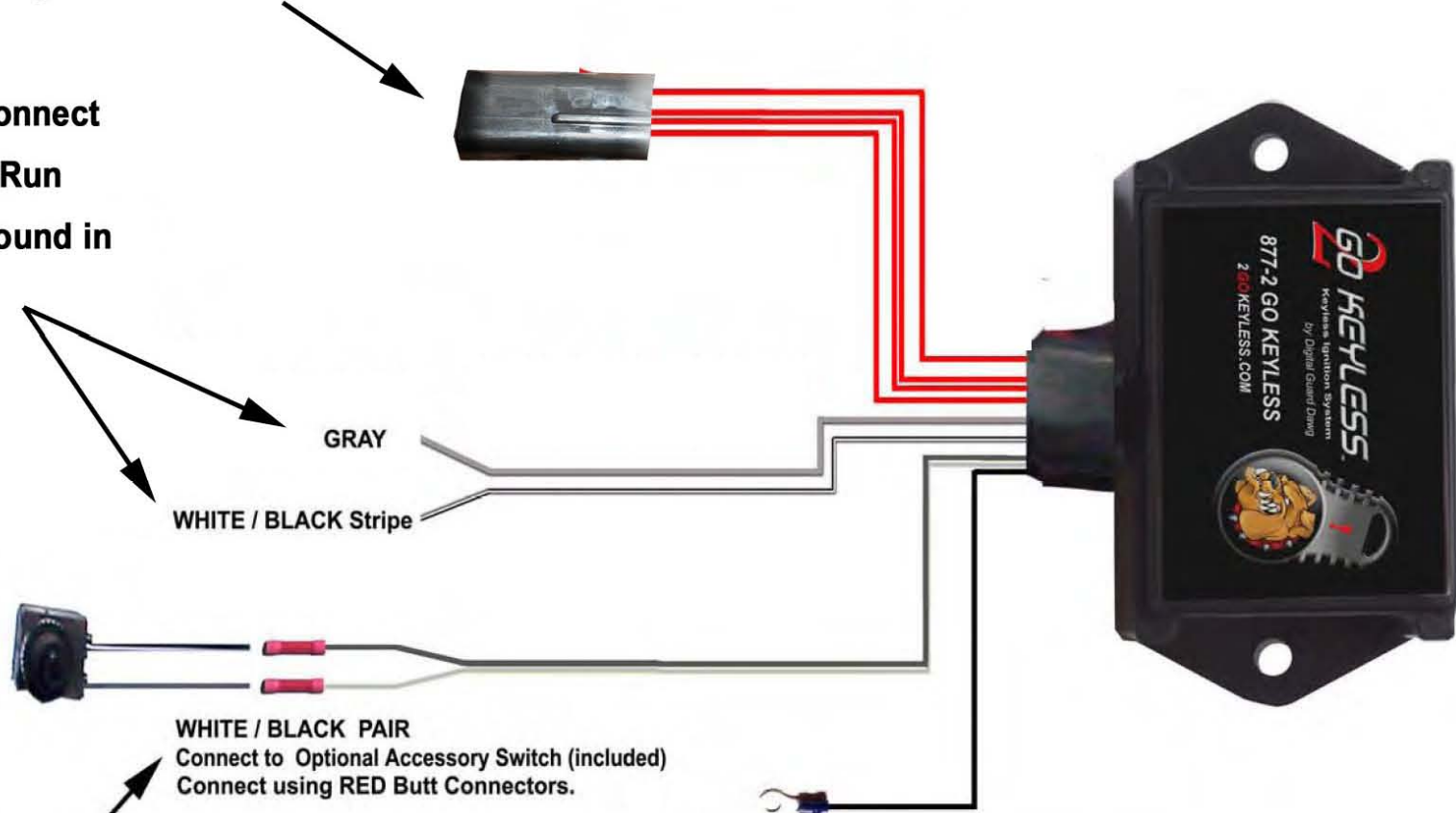
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DIGITAL
Guard Dog
KEYLESS SECURITY PRODUCTS

Digital Guard Dawg Keyless Ignition Module Overview

Unplug your existing key switch and plug in this connector to the ignition harness.

These wires connect to your Stop / Run switch wires found in the headlight.



This is the optional Accessory Switch.

This wire connects to the factory ground found in the headlight.



Keyless Ignition Module

Contents

Dawg Tag Transmitter



Button cap



(3) RED Butt Connectors

Accessory Control Button



Keyless Ignition Module Installation for Victory Motorcycles

Installation consists of five steps:

1. STOP/RUN Switch Connections
2. Ignition Key Switch Connections
3. Mounting the Module
4. Installing the Accessory Switch (optional)
5. Final Testing

Tools you will need:



Various Wrenches & Sockets



Crimp Tool



Screw Drivers



Heat Gun



Wire Strippers



12V Test Light



STEP 1 Victory

STOP / RUN Switch Connections

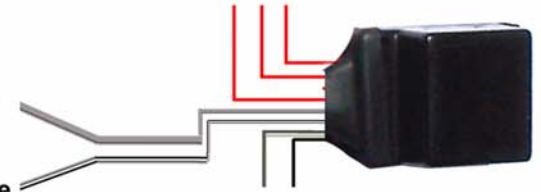
***** Turn both your Ignition & Stop / Run switches OFF before beginning!**

Here you will make the connections between the bikes STOP/RUN switch and the Keyless Ignition Module. You will first need to open your headlight.

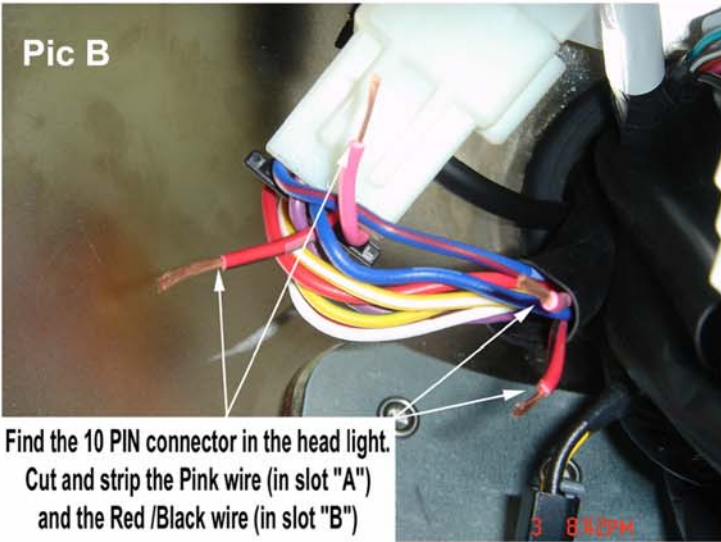
Remove the screws necessary to gain access inside the light. (Pic A) Once inside, locate the harness labeled as the "RIGHT SIDE" hand controls. It will be coming in from the handlebars. It is typically a 10 PIN connector. Two of the wires in this connector are from the STOP/RUN switch.

GRAY
Connect to Hot Side*
STOP / RUN Switch

WHITE / BLACK Stripe
Connect to Cold Side
STOP / RUN Switch



**Digital Guard Dawg
Keyless Ignition Module**



Pic B

Find the 10 PIN connector in the head light.
Cut and strip the Pink wire (in slot "A")
and the Red /Black wire (in slot "B")

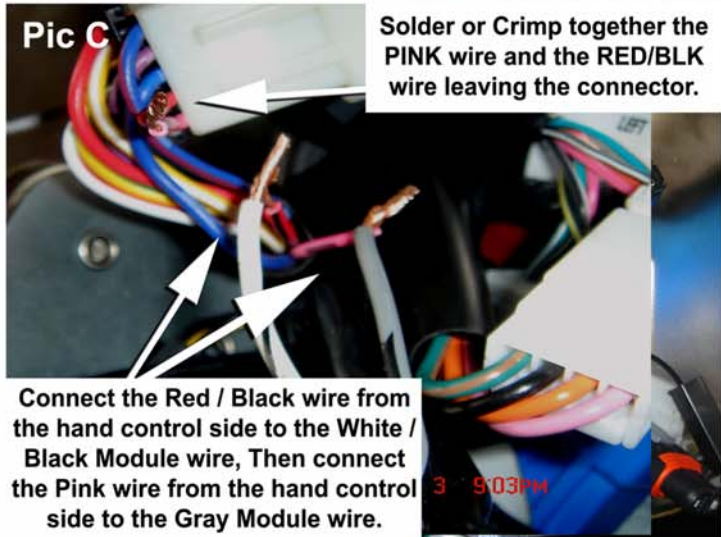
There are two sides to the connector, the side going to the hand controls and the side going to the bikes main harness. You will want to make all your connections on the side of the connector going to the right hand controls.

Begin by cutting the PINK wire and the RED / BLACK Wire approximately 1" after they leave the connector on the hand control side. (Pic B)

Now, either Solder or use the Red butt connectors provided to attach the PINK wire and the RED / BLACK together. (Pic C)



Pic A



Pic C

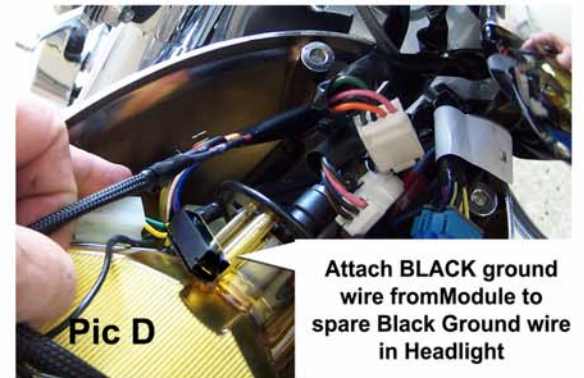
Solder or Crimp together the PINK wire and the RED/BLK wire leaving the connector.

Connect the Red / Black wire from the hand control side to the White / Black Module wire, Then connect the Pink wire from the hand control side to the Gray Module wire.

Next, Solder or use the Red butt connectors provided to connect the WHITE / BLACK wire from the Keyless Ignition Module to the RED / BLACK hand control wire.

Now, connect the GRAY wire from the Keyless Ignition Module to the PINK hand control wire.

Lastly, attach the BLACK GROUND wire from the Keyless Ignition Module to the Spare GROUND CONNECTOR already in the head light. (Pic D).



Pic D

Attach BLACK ground wire from Module to spare Black Ground wire in Headlight

STEP 2

VICTORY

KEY SWITCH

Connections

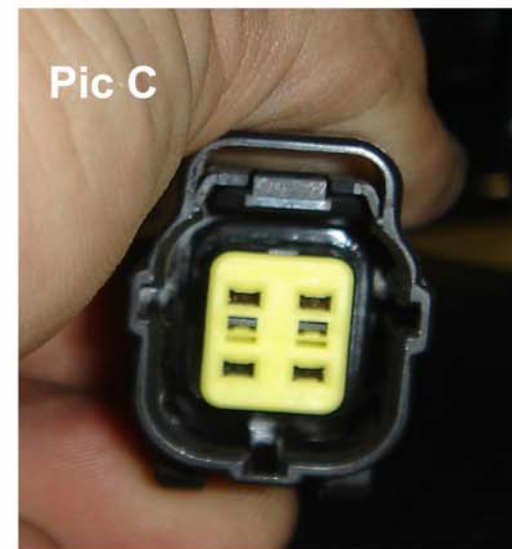
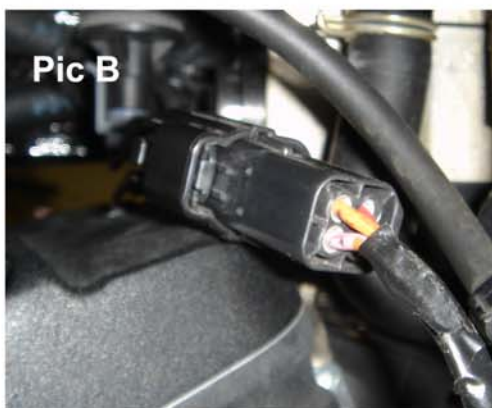
Here you will disconnect the Key switch currently on your bike and plug in the Digital Guard Dawg Keyless Ignition Module.

Begin by removing the cover from your Key Switch. It is held in place by clips. Pull firmly straight out to release it. (Pic A)

Next, run the main harness from the Keyless Ignition Module and the Black paired Accessory wires from the headlight to the area near your Key switch. Secure with zipties.

Remove the Key switch from the bike; begin by removing the two 10mm bolts holding the Key switch to the mounting bracket and unplug the connector at the back of the switch from the main harness.(Pic B)

Now, plug in the connector from the Keyless Ignition Module into the female connector (Pic C) from the main harness. Make sure it is locked into position. Secure with zipties.

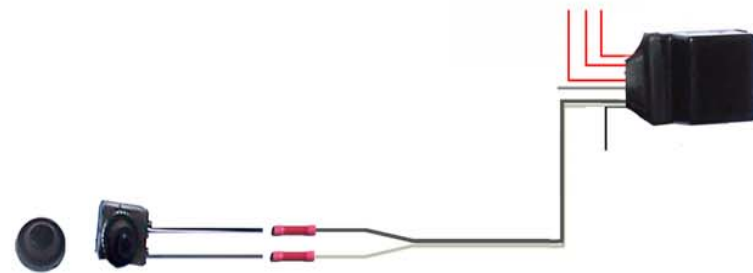


STEP 4 VICTORY

Installing Accessory Switch (Optional)

***** If you plan to install the systems optional Accessory Switch. The side of the Mounting Bracket is an ideal place to locate and mount the Accessory switch where it is accessible but able to be seen. This is a good time to remove the complete bracket and drill a hole for to put the switch through. You will need to remove three 10mm bolts to remove the mounting bracket from the bike. (Pic D) Put the Accessory Switch through the hole and secure with the rubber button cap. (Pic E) Connect the Accessory Switch wires to the Black paired wires from the Keyless Ignition Module. When complete, reassemble, tighten bolts and secure wires with zipties**

Removing the Mounting Bracket



Optional Accessory Switch: If this Accessory circuit is NOT added to the installation, your Accessory circuit will automatically come on and go off as you turn your STOP/RUN Switch On/Off with your Dawg Tag present. If the Accessory Switch is added it allows you to turn your Accessory circuit ON/OFF without requiring that your Dawg Tag is present. This can be desirable for several reasons. 1. It can allow independent control of a Radio / CD player or LED lighting when the bike is OFF. 2. Some bikes need independent control of the accessory circuit to preform diagnostics.

Mounting the Accessory Switch



Testing your Keyless Ignition Module:

***** Before Testing your system, replace the Maxi fuse and be sure to have trimmed your system antenna as explained on page 2.**

Testing Step 1. Initial System Testing

1. Put the RUN/ STOP switch to STOP position.
2. Wait 30 Seconds for the system to ARM.
3. Flip the STOP/RUN to RUN and push your “Start” button (your bike should not start)
4. Put the RUN/ STOP switch back to STOP position.
5. Push the Label on the face of the Dawg Tag until the LED lights.
6. Flip the STOP/RUN to RUN and push your “Start” button (your bike should start)

Putting your Dawg Tags into “Automatic” Mode

Your Dawg Tags were shipped in “**Manual**” Mode. This is why you have needed to push the Dawg Tag label to get your bike to operate during system testing. Once you have completed initial system testing, you will want to switch them into “**Automatic**” mode for final testing and to use your system in a completely “**Hands Free**” manner.

Switching from “Manual” mode to “Automatic” mode.

Automatic Mode (Passive)

Press and hold down both buttons on the Dawg Tag until the LED goes out. (approximately 5 seconds) After the LED light goes out, the Dawg Tag will flash 5 times to acknowledge the system is in AUTOMATIC mode.

Manual Mode - Press and hold down both buttons on the Dawg Tag until the LED goes out. (approximately 5 seconds) After the LED light goes out, press the large BLACK button 2 times consecutively, after pressing the BLACK button two times. The Dawg Tag will flash 3 times to indicate you are in MANUAL mode

The Dawg tag can be toggled from manual to Automatic Mode and back again by simply repeating this procedure. *** if you purchased multiple Dawg Tags you may want to only put one of them into Automatic mode and store your spare Dawg Tag in Manual mode, This will extend

STEP 2. Final Testing “IGNITION” *With The Dawg Tag in “Automatic” mode*

1. Turn your Stop/Run to STOP
2. Take all system Dawg Tags and place them 40 feet away from the bike.
3. Wait 30 Seconds for the system to ARM.
4. Flip the STOP/RUN to RUN and push your “Start” button (your bike should not start)
5. Walk over and pick up the Dawg Tag, Give it a slight shake to activate the motion sensor and walk back to your bike,
6. Flip the Run/Stop Switch to the Run and Start your bike.
7. 1. Turn your Stop/Run to STOP. Engine should turn off and all lights should turn off.

STEP 3. Final Testing “Accessory”

1. Turn your Stop/Run to STOP
2. Take the all system Dawg Tags and place them 40 feet away from the bike.
3. Wait 30 Seconds for the system to ARM.
4. Push the accessory button. All Accessory lights and functions should activate.
5. Push the accessory button again. The entire bike should be “OFF.”



DIGITAL Guard Dawg™

PERSONAL RECOGNITION SYSTEM

If you have the Digital Guard Dawg Option, Please read the following pages:

Using the System

Day to Day Operation

One of the most desirable benefits of the Digital Guard Dawg™ system is its effortless, hands-free ease of operation. By simply keeping the Dawg Tag™ with you, all security functions of Arming and Disarming your system are completely automatic. Without doing anything, your bike's protected every time you turn off your Stop / Run switch and just walk away!

Automatic & Manual Modes

Your Dawg Tag can be used in either Automatic or Manual modes. "Manual" mode gives you complete control of when your system activates regardless of range. When your Dawg Tag is in Manual mode you must "Push" the label on the front of the tag before your bike can be started. *(The ! LED will light up)*. Additionally, when in Manual mode, your bike will automatically Rearm 30 seconds after the STOP/RUN switch is turned OFF, even when you are near your bike. On occasions where you may be close to your bike, yet want to assure that your system can't be activated, Manual mode is your answer. Manual mode can also be quite helpful during system installation and initial testing.

How it Works

The area around your bike (approximately 10 feet) is monitored for the presence of your Dawg Tag™. (One of over 6 Billion unique codes). The system Deactivates your Ignition after your Dawg Tag™ leaves the monitored area around the bike and Activates again when the Dawg Tag™ returns.

***** Important Note:** The Dawg Tag in "Motion Activated" and begins trying to communicate with the "Smart Relay" only when it detects movement, *(such as when you are walking towards your bike)*. If the Dawg Tag™ remains completely motionless for over two minutes, it will stop trying to communicate with the "Smart Relay" until it detects movement again, even if it is within the monitored area.

Example: If you are standing next to your bike, but are standing virtually "Motionless" the Dawg Tag may go to sleep. When you flip the Stop / Run switch the system may not immediately activate. If this happens, simply give your pocket containing the Dawg Tag a "Pat" to wake it up.

Replacing the Batteries in your “Dawg Tag”

STEP 1

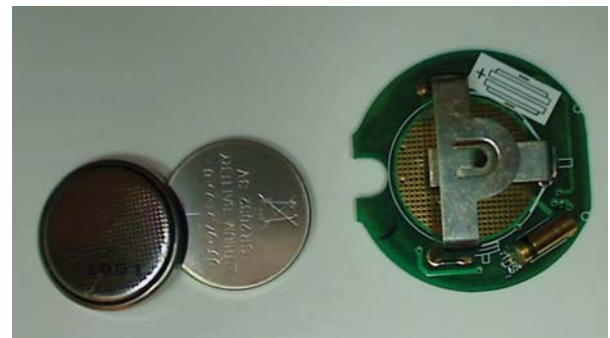
Remove the screw located on the back of your “Dawg Tag” to separate the two halves of the DAWG TAG.



STEP 2

Remove the circuit board with the batteries installed from the plastic housing.

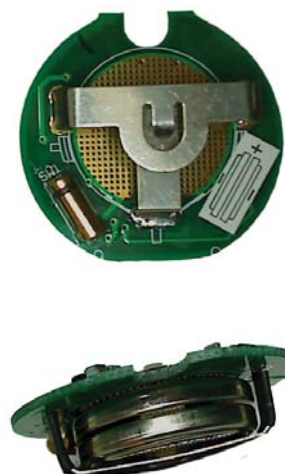
Take note that the two batteries are installed with the NEGATIVE sides positioned outward from each other when inserted.



STEP 3

Remove batteries from the circuit board and replace with 2 CR2032 Lithium Disc batteries.

Once batteries are installed, go ahead and put “Dawg Tag” back together.





DIGITAL
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Warranty

Digital Guard Dawg Inc. warrants this system against manufacturing defects and workmanship for one full year from the date of purchase. This warranty is limited to the original purchaser of the security system. Proof of purchase is required. The installed motorcycle must be registered with the State Department of Motor Vehicles.

We are not in any way a representative of the Harley-Davidson Motor Company® or any other motorcycle manufacturer. All words used on our materials denoting any manufacturer, models or motorcycle are intended for use as reference only. We are not an authorized Harley® dealer or in no way do we have, or intend to imply any kind of business relationship with Harley-Davidson Motor Company®. All trademarks, registered trademarks and brand names used herein are the property of their respective holders.

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"This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation" Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.