



# System Operation & Components

## System Operation:

Operation of your **2 GO KEYLESS™** is designed to be absolutely effortless. When you approach your vehicle the system, upon reading your valid Dawg Tag will pre-authorize your ignition system to start,



- A full depress of the Start Button and your starter will “crank”
- The Start Button LED will glow while your vehicle is running.
- Push the button again when you want to turn your engine OFF.
- A quick push of the button bypasses the starter and turns on Accessories

**60** seconds after you turn your vehicle off and your Dawg Tag leaves range the system will automatically arm and completely immobilize your ignition system. The start buttons LED will begin flashing.

## The Start Button

Generally mounted in the vehicle dash or center console, the “Start Button” provides one touch operation of your vehicles ignition system. Designed to mimic a natural “starting feel”. The starter will continue to crank as long as the Start Button is depressed. If you fail to start your vehicle during the first crank you may need to push the start button twice to re-initiate the “Crank” mode. Brightness of your Start Buttons LED is adjustable by turning the adjustment screw on the side of the ICM enclosure. See “Adjusting LED Brightness”



## The Ignition Control Module (ICM)

**\*\*\* IMPORTANT** Always mount the ICM inside of your vehicle, **DO NOT** mount in the engine compartment!

The **2 GO KEYLESS™** ICM provides two functions. It contains the systems receiver and reader components that handle communication between your vehicle and the Dawg Tags. Secondly, the **ICM** houses a group of 8 high current Micro Relays that provide all switching operations for the Ignition, Accessory and Starter circuits. By bringing all the system relays on board **2 GO KEYLESS™** eliminates the “spaghetti look” of hand wiring multiple external relays. These state-of-the-art micro relays are tiny in size but giants in performance, each one rated at 30A continuous current.



All wires are professionally terminated using Molex® high current connectors that plug and lock securely to the ICM. Independent switching of accessories allows **2 GO KEYLESS™** to be configured in several different ways: One Accessory circuit can be turned **OFF** during starter “crank” to reduce battery load while another Accessory circuit stays **ON**.

## The Dawg Tag

Dawg Tag's represent the latest innovation in security technology. Each Dawg Tag is completely unique, with over 6 billion different code combinations. Tags can be switched to operate in either **Automatic** or **Manual** modes giving you complete control of how and when the system arms and disarms. Dawg Tags have 3 adjustable range level settings and include a two stage low battery indicator.



## RFID Technology

Using "Radio Frequency Identification" technology, Dawg Tag's represent one of the latest innovations in vehicle security & convenience technology. Tags use 128-bit encryption and are code hopping / code rolling for uncompromising security. Dawg Tags can also be cross-programmed allowing one tag to operate multiple vehicles.

Dawg Tags are powered by an easily replaceable extended life lithium battery that typically lasts one year. Up to 6 unique Dawg Tags can be programmed into each system, additionally a single Dawg Tag can be programmed into multiple vehicles allowing its user to operate all his / her vehicles, motorcycles, boats or other toys by carrying just one Dawg Tag. Ruggedly made from high impact material, Dawg Tags reliably perform first time every time.



## The LED's

There are two different LED's that will be referred to in this manual; the first is the "Start Button" LED and the second is the "Dawg Tag" LED. Each LED works independently.

The **Start Button LED** provides visual system status for arming and Ignition as follows:

- When system is Armed: The LED will Flash 1 time every second.
- When the vehicle is running: The LED will stay ON
- When the vehicle is turned off: The LED will go OFF then begin flashing upon Arm

