

# PLEASE READ BEFORE INSTALLATION



## Quick Start Instructions

**PLEASE NOTE:** Proper installation and wiring techniques are required to ensure no damage is caused to the Trigger system or the vehicle it is being installed into. The warranty is voided if not installed per the instructions and using appropriate methods for automotive wiring. We recommend professional installation of this product.

## Features

### Control module:

- 6 channels, 2 x 30 amp circuits, 2 x 10 amp circuits, 2 x 5 amp circuits, All Solid State, 12-24 volt.
- RF Remote switch pad usable inside or outside the vehicle.
- Bluetooth control from phone/tablet app .
- Manual buttons for on/off on top of case.
- DIN connector built in for manual control with conventional toggle switches (harness sold separately).
- Low voltage cutout to shut down Trigger if battery voltage gets low.
- 100 amp fuse installed on positive input wire for protection.
- 12 to 24 volt out with waterproof connectors.
- Fuse's built in, waterproof cover (30 amp - 1 and 2, 10 amp - 3 and 4, 5 amp - 5 and 6)
- LED's to indicate relay on and if fuse is blown, blue for circuit on, red for blown fuse.
- Waterproof case design, withstands temps to 250 deg. F and below freezing.
- 12 to 24 volt input, 3 wires, ground, switched positive, battery positive.

### RF Remote:

- 2.4 ghz frequency hopping RF connection to control box.
- Replaceable battery power and/or 12 volt hardwired option for backlit switches .
- Back lit with press of button, delayed off for the back light. If hardwired, provides a color changing option adjustable from App. Back lights stay lit when vehicle lights are on.
- Custom switch labels included.
- Weatherproof design.

### App Control:

- Apps for both Android and iOS with simple interface for turning on and off the 6 channels. Allows customized names for each channel and has momentary option as well.
- Battery voltage shows in App screen.
- Controls backlight color in the RF switch pad.
- App allows for dimming and strobe functions in addition to ON/OFF.

### Harnesses:

- Kit includes six 8' wire harnesses with the mating connector to the control box on one end and blank wires on the other. Two 12 gauge, two 14 gauge, two 18 gauge.
- Harnesses include sturdy vinyl shroud.

## CONTROL MODULE INSTALLATION:

1) Mount the control module as close to the battery as possible. Use the mounting tabs on the body to securely install the module. NOTE: If extending the input wires, be sure to use wires of equivalent or greater gauge to the ones on the module.

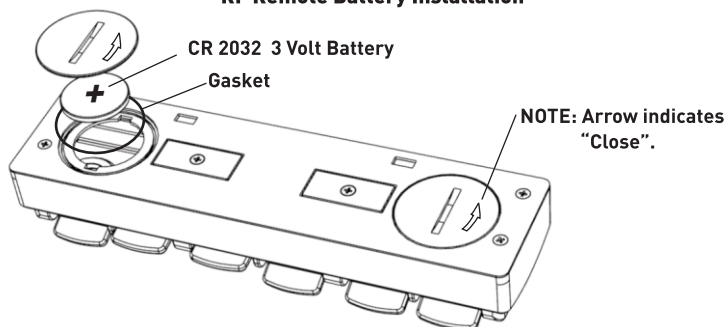
2) Use the included solderless terminals to connect the main input wires (black -, and red +) to the battery.

3) You can choose to connect the small gauge power wire (yellow) to an ignition activated circuit, to a dash mounted switch or to the parking lamp circuit of your vehicle. We do not recomend connecting directly to the battery. If it is connected directly, the trigger system will always be on and does draw a very small amount of power from the battery. It will also be searching constantly for a signal on both the RF and Bluetooth circuits.

4) Install powered accessories and use the included harnesses to connect to the main module with the waterproof connectors. NOTE: Be sure to use the correct gauge wiring harness for the circuit you are using. 1 and 2 are the higher amperage circuits at 30 amps each and should use the 12 gauge (larger) harnesses. 3, 4 are 10 amp, 5 and 6 are 5 amp and should use the 14 gauge (smaller) harnesses.

NOTE: Do not exceed the amperage recommendations stated on the unit or here, this may cause the unit to fail and will void the warranty.

## RF Remote Battery Installation



Install the Cr2032 batteries as shown. Be sure to turn the battery door to the right (clockwise) to open, the arrows indicate the direction to close (counter clockwise).

**NOTE:** Be careful not to lose the gasket when changing/installing batteries. It is important to be sure the remote is waterproof.

## IOS and Android App Installation

Please go to the Apple App store or the Google Play store to download the free Apps. Search for "Trigger ACS" to find the App. Download and install then follow the instructions in the App to connect to the Trigger 6 Shooter Control Module.

The App will allow changes to the color of the back light and switch illumination. It also provides a voltage indicator for the battery the Trigger is connected to.

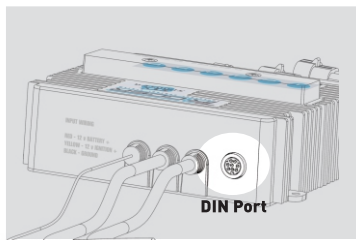
Detailed instructions on connection and usage are built into the App or go to [www.triggercontroller.com](http://www.triggercontroller.com) for detailed videos and instructions on the use of the App with your Trigger.



## Accessories

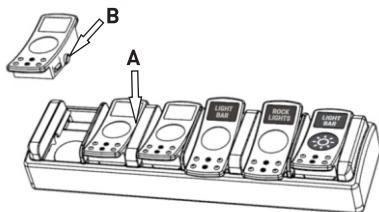
### DIN Accessory Port:

The Trigger 6 Shooter has a DIN Port for controlling functions with conventional toggle switches. The DIN cable and toggles are sold separately. Instructions for wiring are included with the DIN cable and are available on the [triggercontroller.com](http://triggercontroller.com) website.



### Toggle Switch Removal/Replacement:

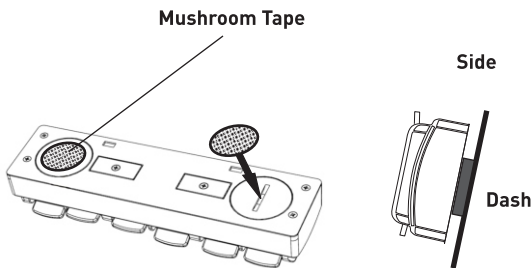
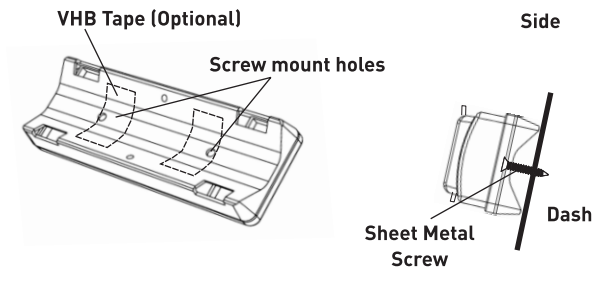
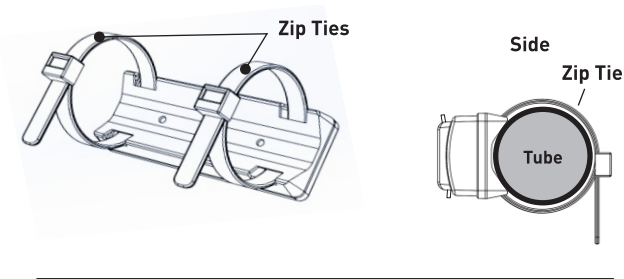
The Trigger 6 Shooter RF Remote has removable/replacable toggles. Simply insert a small blade screwdriver on either side of the toggle (A) and apply light pressure sideways to release the round tab on the toggle (B) on one side. Now pull up on the side that has been released. **NOTE:** A momentary toggle switch can be swapped for the standard toggle.



## WARRANTY

The Trigger system is covered for 3 years against manufacturing defects. Please see the website at [www.aachbrands.com](http://www.aachbrands.com) for additional details and to arrange an RMA. Please contact our customer service before returning or with any questions at 951-339-1469.

## RF Remote Mounting Options



### RF to Control Module Binding Process:

Your Trigger 6 Shooter RF comes bound from the factory, these instructions will be for binding a replacement remote or if something happens and the remote no longer communicates with the control module.

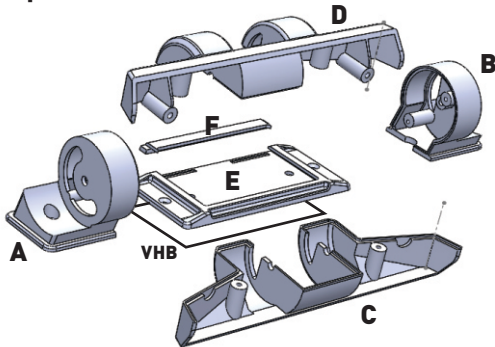
- 1) Be sure the RF remote is wired to 12 volt power (Binding will not function on battery only). If not using the 12 volt cable for the remote, connect it temporarily to a 12 volt battery source to bind RF and control module as needed.
- 2) On the control module, hold down the 1 and 6 keys at the same time until channel 6 LED is on solid. The channel 6 light will light on the RF remote when the control module has connected. Then we can move to the next step.
- 3) Set binding code: Press 1 or 6 on RF randomly between 4 and 20 digits, then press 3 or 4 on and off. The light for channel 6 will turn off. (NOTE: The code is not important to remember unless you want two 6 Shooters to be controlled by the same remote.)

# Trigger Pedestal Mount Assembly Instructions

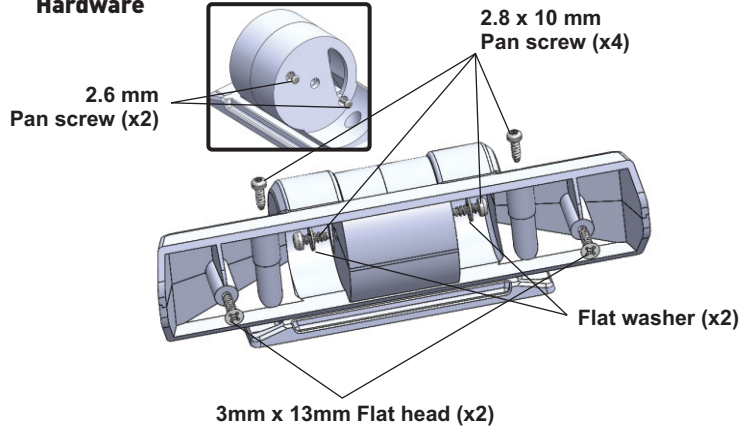
## Part Number 2020

**PLEASE READ ALL INSTRUCTIONS AND CHECK TO BE SURE ALL PARTS LISTED ARE INCLUDED BEFORE BEGINNING ASSEMBLY.**

### Plastic parts



### Hardware



1



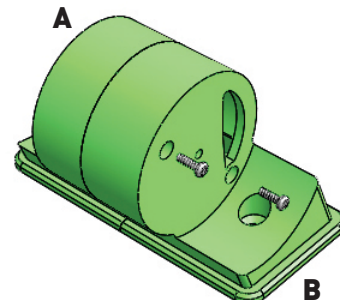
If running 12 volt power to the Pedestal, insert the 12 volt power wire included in the original Trigger 6 Shooter packaging (not included with Pedestal Kit). Wire is inserted on one side of the base, then routed through opening as shown.

**NOTE:** Skip this step if not using 12 volt power to base or if using the 4 Channel Triggers.

2

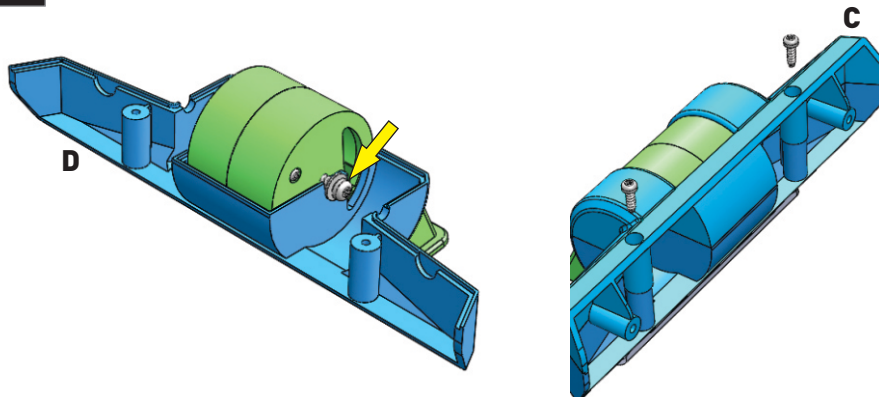


Halves are then screwed together with wire inserted. Use the 2.6 mm pan head screws.





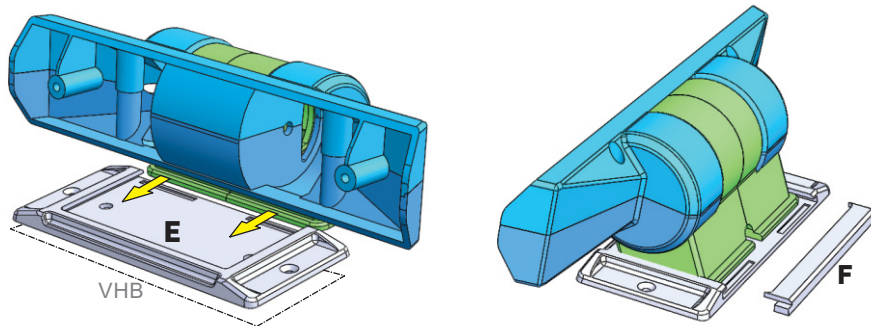
3



Install the 2 screws/washers for the pivot loosely into the pivot hole as shown. Now install the lower half of the main mount (C) being careful to be sure the washers are in the correct location.

Install the upper half of the main mount (D) in place, be sure the pivot screws and washers are in the correct position. Use two 2.8mm screws as shown and tighten.

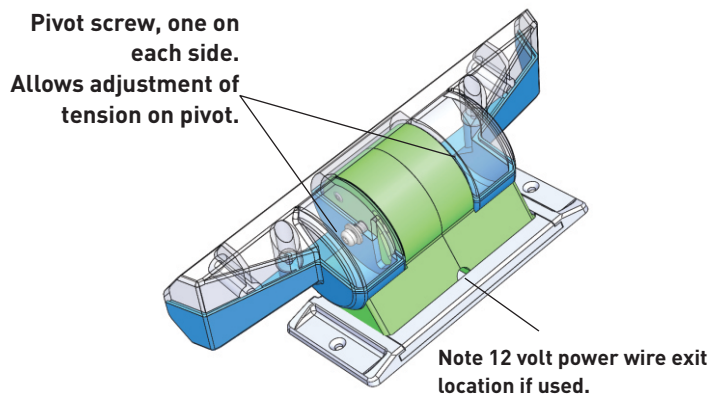
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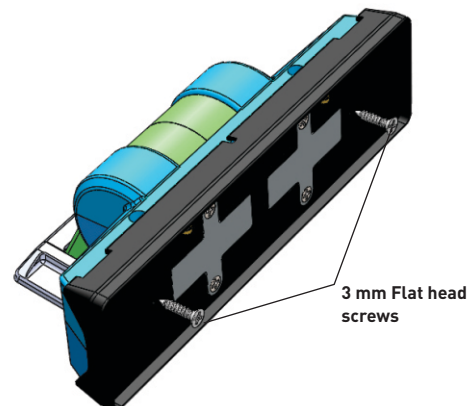
The mounting Foot is designed to use either the included VHB tape or screws (not included) to mount the Pedestal. It can be pre-mounted before the main mount if the location is difficult to reach with the complete assembly or to allow easier access to the mounting screw locations. It also allows removal of the main assembly without removing the screws or VHB tape as needed.

Slide the Pedestal base assembly into the mounting foot as shown then slide the rear keeper in place to secure the main assembly.

### Pedestal adjustment and pivot detail



NOTE: Be careful not to over tighten as the screws may strip and the pivot will no longer operate as required.



**Installation of Trigger Mounting Plate**  
(Use original Trigger 6 Shooter mount included in Trigger controller kit. Not included in Pedestal Kit)

**Included:**

Aluminum Trigger Mount  
4 x 6/32 screws and nuts  
2 x 8 mm hex head Bolts  
2 x flat washers

**Installation:**

- 1) Place the flat washers on the 8 mm bolts and insert into the mounting holes on the mount. **NOTE:** It can be difficult to install them once the Trigger is in place.
- 2) Use 6/32" screws/nuts to install the Trigger on the mount.
- 3) Install mount/Trigger onto the factory holes under the hood just behind the fuse box. See picture below for location detail.

**Note:** for 2002 to 2009 it may be necessary to flip the bracket over so the Trigger is higher in the engine bay.

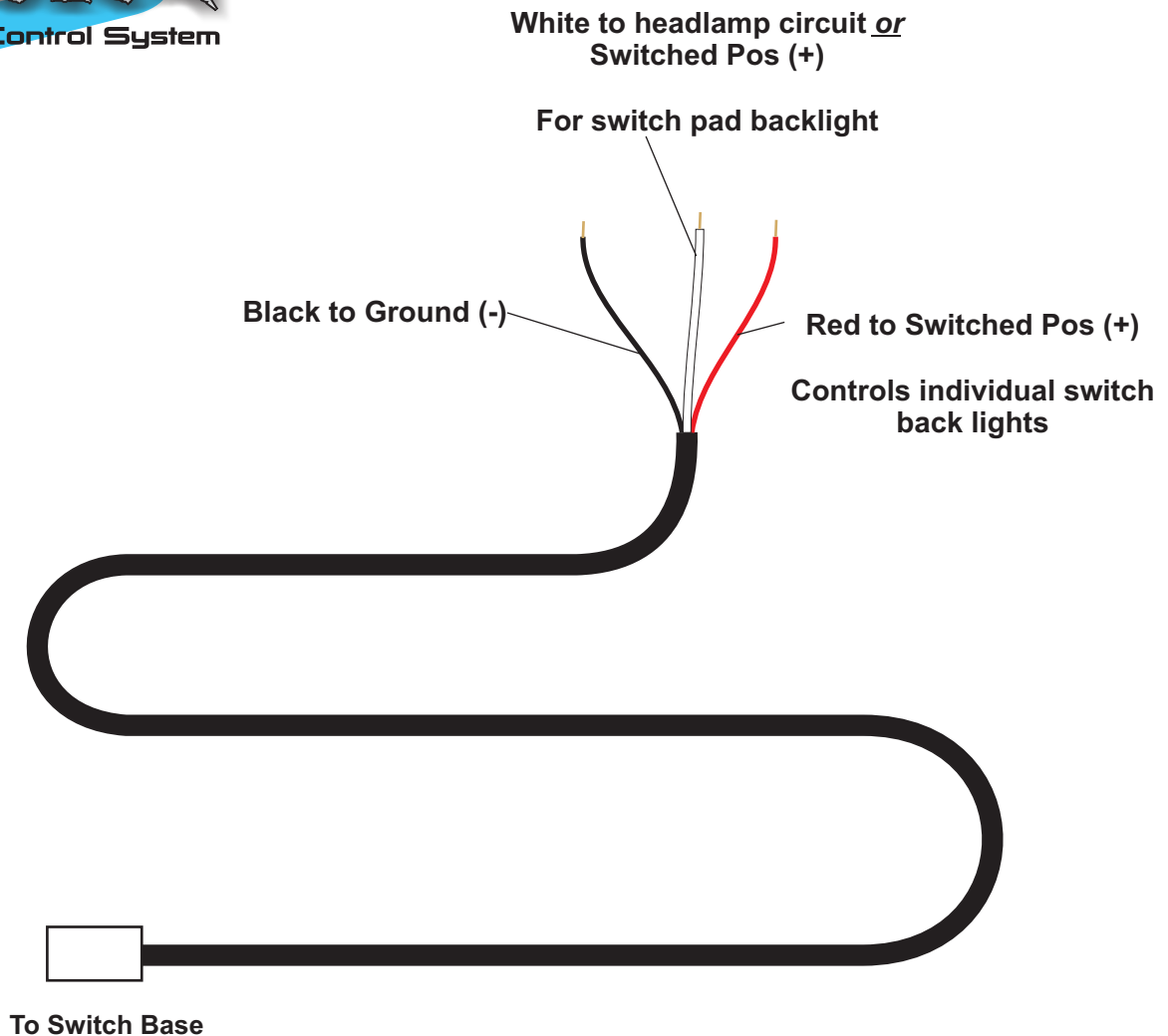


**NOTE:** Route wires as required depending on installation requirements.



# TECH BULLETIN

## Wiring the RF remote for 12 volt power



Wiring for the back lighting on the RF switch pad includes 3 wires for connection. The RED is used to back light the individual switches when they are turned on and should be connected to switched ignition.

The WHITE wire is for the backlighting behind the switches and can be connected to the headlamp circuit OR to the same place as the red wire (switched ignition). This allows the backlighting to come on only when the headlights are on.

The black wire is for ground.

**[www.triggercontroller.com](http://www.triggercontroller.com)**