Features/Included:

Bluetooth relay control box:
- 4 channel. 2 x 30 amp relays, 2 x 10 amp relays, All Solid State
- Battery powered RF Remote with universal mount system
- Bluetooth control from phone/tablet app
- Manual buttons for on/off on top of case
- 12-24 volt input, 3 wires, ground, switched positive, battery positive
- 12-24 volt out with waterproof connectors
- Fuse's built in, waterproof cover (30 amp - 1 and 2, 10 amp - 3 and 4)
- LED's to indicate relay on and if a fuse is blown
- Waterproof case design, withstands temps to 250 deg. F and -20 deg F.
- Solderless terminals included for connecting to battery

RF Remote:
- RF connection to control box
- Replaceable battery power
- Back lit with press of button, delayed off for the back light.
- Sticker sheet included for labeling the buttons

Phone Control:
- Apps for both Android and iOS. Simple interface allows power control to each of the four channels. User expandable up to 8 buttons
- App stays on when in use as long as plugged into power. If not plugged in goes to stand by

Harnesses:
- Wire harnesses with the mating waterproof connector to the control box on one end and blank wires on the other
- 2 x 10 gauge, 2 x 12 gauge included
- Harnesses include vinyl shroud

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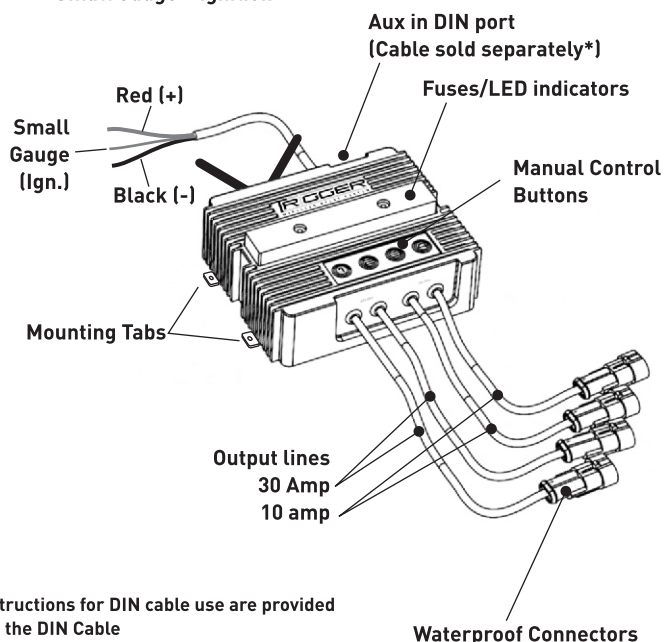

Quick Start Guide

Please go to **www.triggercontroller.com** for more detailed info

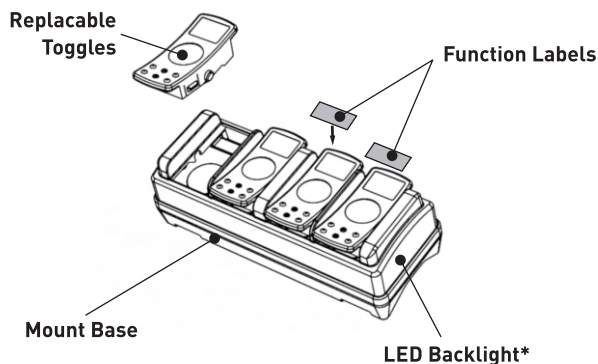## Control Module Features/Functions

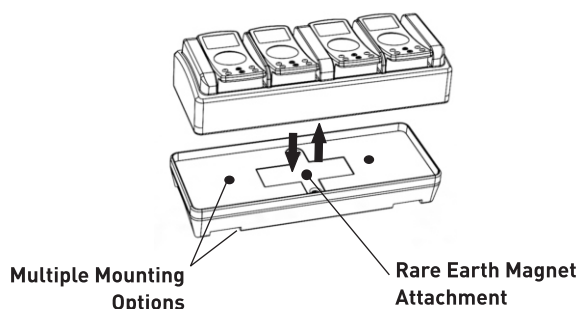Red = Line In from battery
Black = Ground
Small Gauge = Ignition

Aux in DIN port
(Cable sold separately*)

Red (+)

Small Gauge (Ign.)

Black (-)

Fuses/LED indicators

Manual Control Buttons

Mounting Tabs

Output lines
30 Amp
10 amp

*Instructions for DIN cable use are provided with the DIN Cable

Waterproof Connectors

CAUTION: Do not exceed the recommended amperage limits shown here, may cause damage to the control module.

RF Remote Features/Functions

Replacable Toggles

Function Labels

Mount Base

LED Backlight*

* NOTE: Backlight only comes on for a few seconds to indicate the remote is functioning. Switches do not stay lit when active.

Multiple Mounting Options

Rare Earth Magnet Attachment

Control Module Mounting/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.
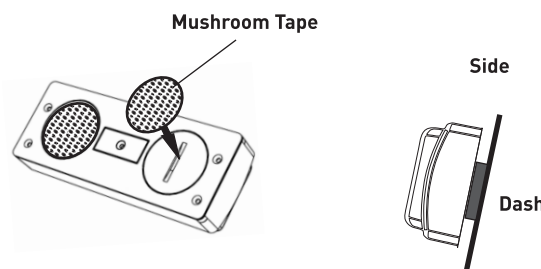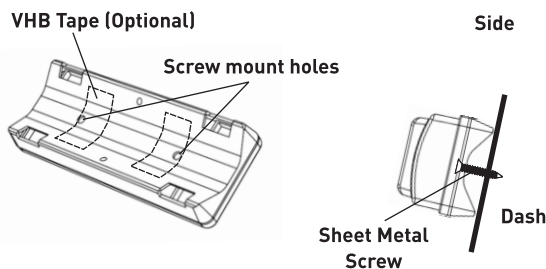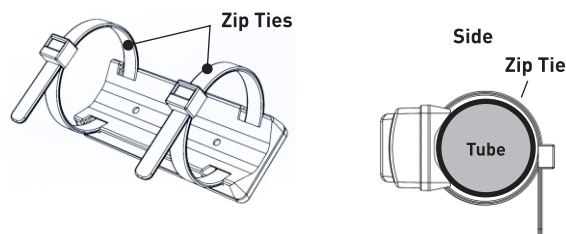
3) Connect the small gauge yellow wire to an ignition activated circuit or connect to a manual switch. If it is connected directly to battery, the trigger system will always be on and does draw a small amount of power from the battery. NOTE: The draw is equivalent to a remote door lock system on newer cars, it would take several weeks to drain the battery.

4) Install 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 harnesses. 3 and 4 are the 10 amp circuits and should use the 14 gauge harnesses.

WARNING: Devices with electric motors can cause circuit failure if they spike to high voltages. Be sure to use the highest rated circuits for fans, pumps or compressors. We recommend using a conventional relay for these circuits and controlling the relay with the Trigger.

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.
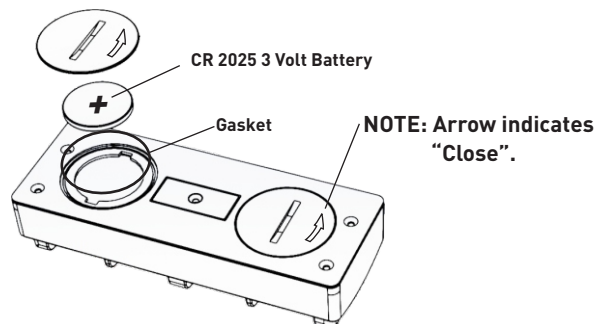
IOS and Android App Installation

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

RF Remote Battery Installation

CR 2025 3 Volt Battery

Gasket

NOTE: Arrow indicates "Close".

Install the Cr2025 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.

RF Remote Mounting Options

Zip Ties

Side
Zip Tie

Tube

VHB Tape (Optional)

Side

Screw mount holes

Dash

Sheet Metal Screw

Mushroom Tape

Side

Dash

RF Remote Passcode Setting

The Trigger system is designed to allow re-setting of the remote to the control module as required. This is accomplished by re-setting the pass code on the two components. Use this function if there is any interference when using the system, to replace an RF remote or to add more than one system to the same vehicle.

1) On RF, uninstall the 2 batteries. Set 1 and 4 rocker to **on** position and 2 and 3 rocker off.

2) On RF, install the batteries, then turn 1and 4 rocker **off**. The RF remote is now in programming mode.

3) On control box, press and hold the 1 and 4 button. The channel 4 LED will flash 4 times. If properly connected, the RF backlight and control box LEDs will flash continuously. NOTE: If lights do not flash, start process over from step 1.

4) Toggle rocker(s) 1 and/or 4, four or more times to enter a new code. Now toggle rocker 3 on to send the password to control box. The channel 4 channel LED on control box will then shut off.
NOTE: the code can be from 4 - 20 digits, for example toggle 1 - 1 - 4 - 4, up to 20 digits. The more digits, the more secure.

Note: After re-installing the batteries, the banding process must not exceed 30 seconds or the programing mode will reset automatically.
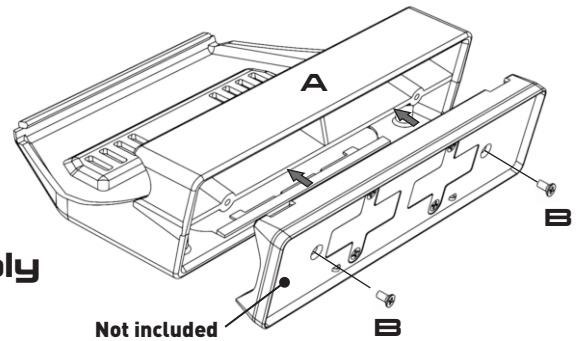
TRIGGER
ACCESSORY CONTROL SYSTEM

Included:
1 x Console (A)
2 x 3 mm – 13 mm Flush screw (B)

Please Note: Remote, Mounting base, and power cable sold separately.

CAUTION: Read and understand all instructions before beginning.

1

Assembly

A

B

B

Not included

NOTE: If installing the 12V power cable (not included), plug it in before installing the mounting base.

Installation

2

Start by pulling down firmly on the front of the factory header shroud to expose the wiring and connector for the warning lamp.

3

Press in on the metal tabs holding the warning lamp into the header shroud and remove lamp.

4

Press on the top of the red tab (closest to the wires) to release connector to the warning lamp.

5

Install the warning lamp into the Trigger overhead mount by inserting into the opening until the metal tabs snap in place. Then plug the connector back into the lamp.

Hook

A

Plastic windshield trim on vehicle

6

Console Side View

NOTE: If installing the 12V power cord, route the cable through the opening for the warning lamp in the factory plastic header shroud.
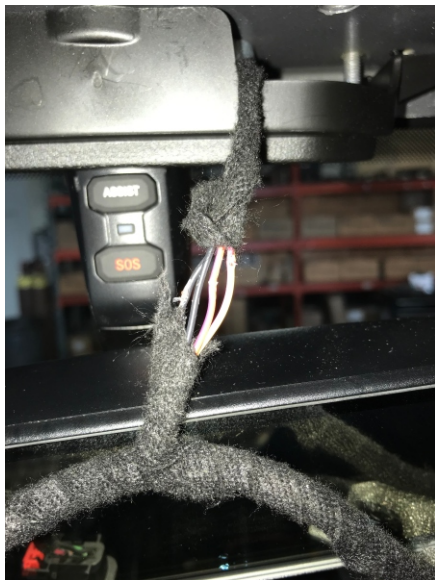
B

Press

(A) While the header shroud is loose, hook the rear tab in the location shown above.

(B) Press the front where indicated in the picture to snap the console in place. That's it! Good job.

12V Cable wiring

Finished!

If running the optional 12V power to the RF remote, open up the factory rear view mirror harness and locate the black wire for ground (attach black wire from 12v harness) and the Orange/Pink for keyed ignition (Red and white wires from 12v harness) . Use wire splices or a preferred method to tie into the wires. **NOTE: Use this as a guide, our example was an early production vehicle, always test the wires before connecting.**
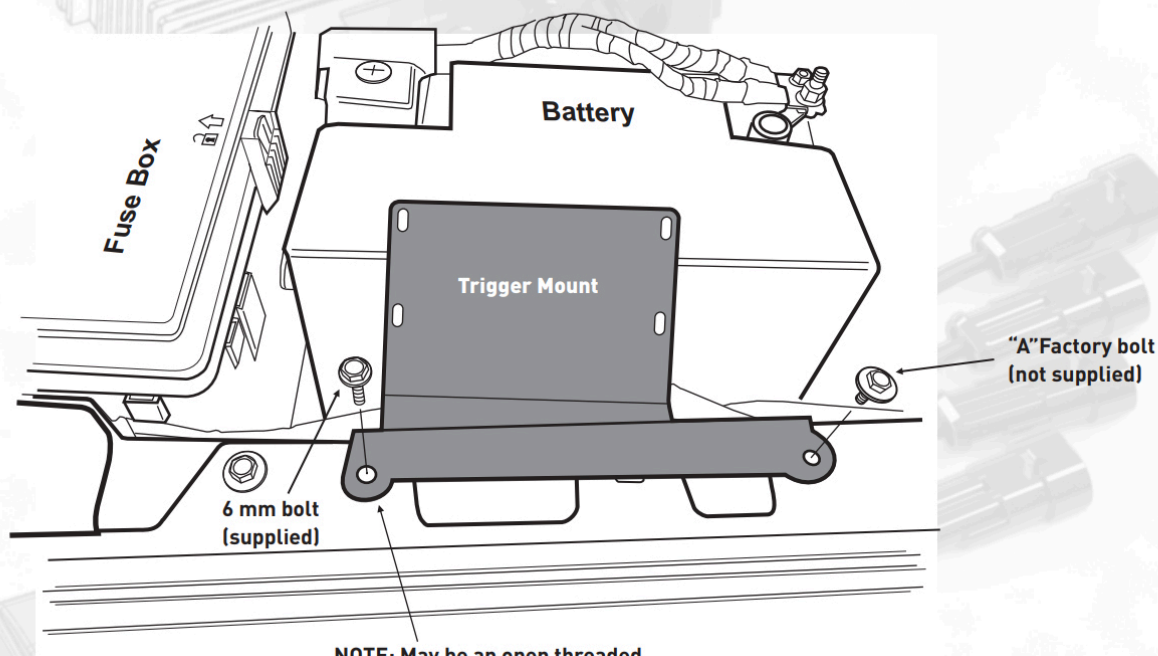
CAUTION: Installation of this item is at the customers risk and AAC is not responsible for damage to the vehicle caused by improper installation. Professional installation is recommended.

Advanced Accessory Concepts   Corona CA.   Tech help: 951-339-1469
Please contact us or see the triggercontroller.com website for warranty info.

TRIGGER
ACCESSORY CONTROL SYSTEM

Included:
Aluminum Trigger Mount ("JL").
6 mm x 16 mm Bolt
4x Trigger Mounting Screws/nuts

Installation:
1) Use the 4 included screws and nuts to attach the Trigger controller to the bracket.

2) Remove inner fender bolt shown at "A".

3) Slide Trigger/mount assy into the area next to the battery as shown below.

4) Use included 6 mm bolt and the factory bolt to attach the Controller assy to the fender inner where the factory bolt was removed. NOTE: If a factory bolt is installed at both locations use factory bolts for installation.

Fuse Box

Battery

Trigger Mount

"A"Factory bolt
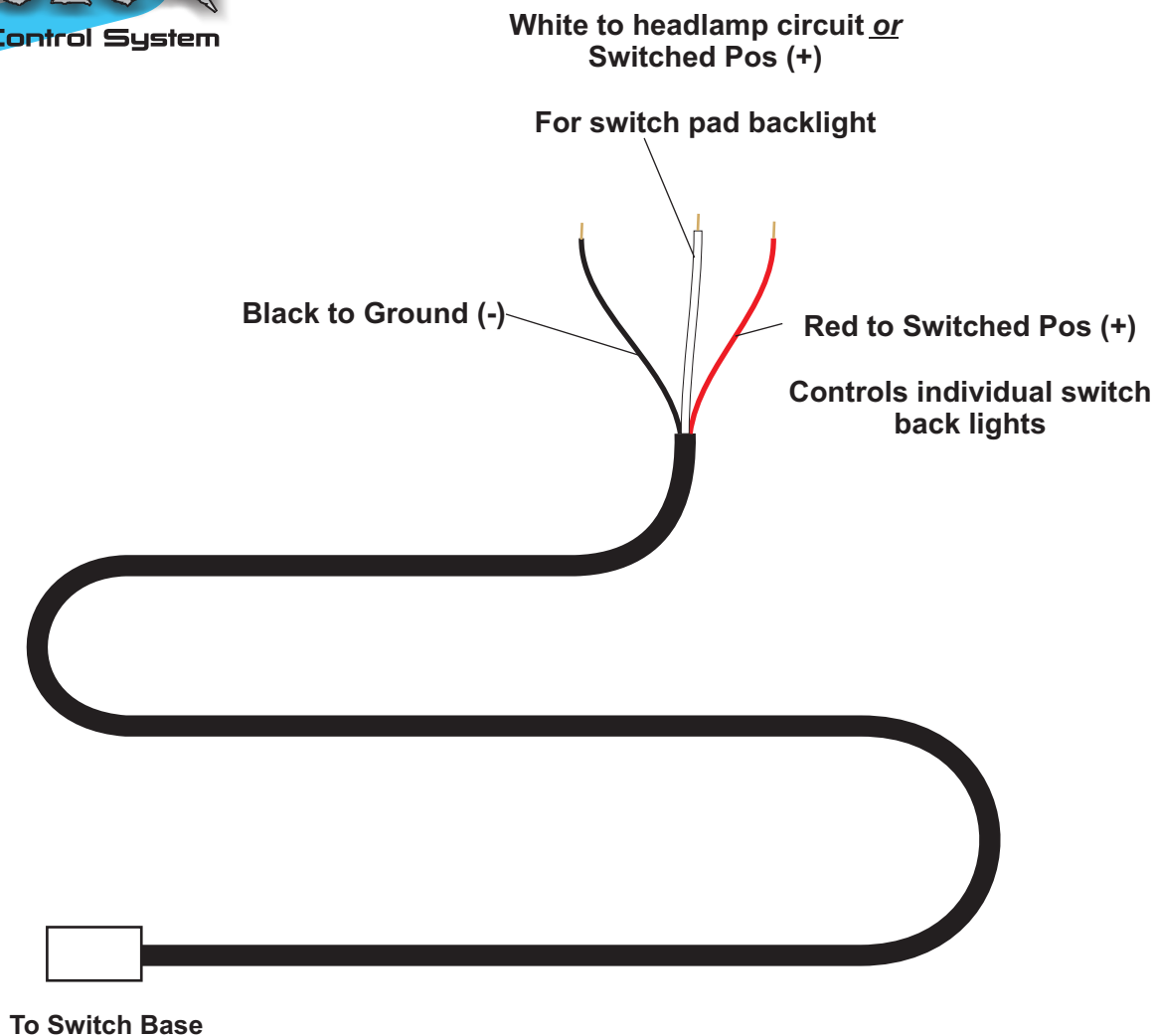(not supplied)

6 mm bolt
(supplied)

NOTE: May be an open threaded
hole or have a factory bolt. Use
factory bolt if it is there.

NOTE: Route wires as required depending on installation.

TRIGGER

SIX SHOOTER
Wireless Control System

TECH BULLETIN
Wiring the RF remote for 12 volt power

White to headlamp circuit _or_
Switched Pos (+)

For switch pad backlight

Black to Ground (-)

Red to Switched Pos (+)

Controls individual switch
back lights

To Switch Base

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