



# TIP SHEET

Installation Tips - (Crimestopper RS00) & (Fortin EVO-ALL 1) For:

**T3612-b**

VEHICLE	YEARS
<b>HONDA</b>	
Odyssey	2005-2010

- Thank you for purchasing your remote start from MyPushcart.com - an industry leader in providing remote starts to do-it-yourself installers since 1999. We've put this tip sheet together to help you with your installation. The purpose of this sheet is to help you organize your installation.
- The RS00 add-on remote starter from Crimestopper is the controller for the system, and uses the vehicles lock pulses generated by your OEM factory remotes to start the vehicle. Quickly pressing the lock button on your OEM factory remote three times in a row will start the vehicle. This unit will communicate data commands with the EVO-ALL, as well as power circuits in the vehicle, needed to start.
- The EVO-ALL interface module eliminates the need for a lot of the wiring typically required for remote start installation in select vehicles. It communicates with both the remote starter as well as the vehicle's computer through data, every function that the EVO-ALL covers saves you from a wired connection you would have otherwise needed to make either between the remote starter or the vehicle and the EVO-ALL.

## Overview:

When you open up your remote start, you're going to see a whole bunch of wires. You're not going to use all of them. The remote starts are designed with wiring options for a variety of cars and no car is going to use all of them. Here's where this tip sheet comes into play. The wiring chart and diagram will help you locate the wires that you're going to need to connect for this installation. We are also going to address programming, testing, and operation.

Step 1- Wiring

Step 2- programming

Step 3- testing

Step 4- Button it up!

## Step 1 – Wiring

Any wires that are NOT listed in the table/diagram are NOT USED. In most cases, the wires in the kit are way longer than needed excessive length can be shortened. Do not cut the wires you are connecting too short, this will allow you some flexibility when it comes time to stow the remote start after the installation is completed. The unused wires in the kit can be trimmed as well, but do not cut the wire all the way to an unusable point just in case. (Insulate all unused wires so they do not make electrical contact with anything else, electrical tape is our suggested method)

## Wiring the remote starter:

- The following table shows you what wires from the remote starter need to be connected and where to connect the wires.

RS00 Wire:	Connect to:	Found:	Color:
<b>6-PIN HARNESS:</b>			
RED x2	Constant 12v (+)	Vehicle ignition harness	WHITE
PINK	Ignition	Vehicle ignition harness	BLACK/YELLOW
BROWN	starter	Vehicle ignition harness	BLACK/WHITE
GRAY	Accessory	Vehicle ignition harness	BLACK/RED
<b>12-PIN HARNESS:</b>			
RED/BLACK	Constant 12v (+)	RS00 6-pin harness	RED
WHITE	<b>positive (+)</b> Parking Light wire	At fuse box, Or drivers kick panel	RED/BLACK
BLACK	System Ground (-)	(solid metal in vehicle)	n/a
YELLOW/ BLACK	EVO-ALL (-) when running	20-pin plug	DARK BLUE
<b><i>The following MAY be needed:</i></b>			
GRAY (12-pin)	Hood pin (included) <b>?</b> Only if vehicle is not equipped with hood pin	Under hood *This is an important safety feature!*	n/a (See installers tip #1)
GREEN (3-pin red plug)	Vehicle lock motor wire <b>?</b> If not covered by EVO-ALL (See step 3)	Drivers kick panel *Don't make this connection unless needed*	YELLOW/BLACK

- The RS00 includes a programming button & status LED, before moving on mount these in the location of your choice and plug them in.

## Wiring the bypass:

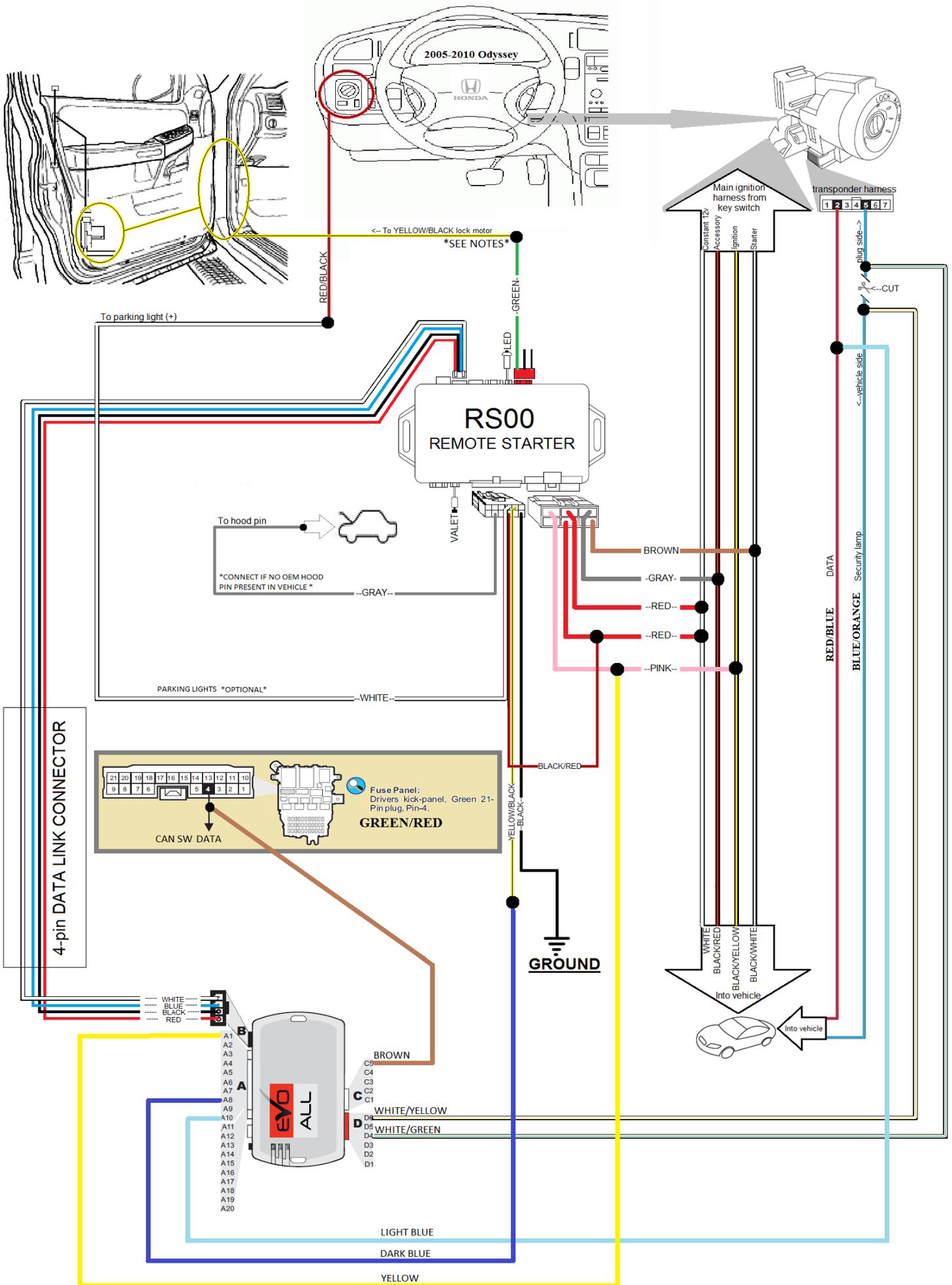
- ⊕ Important: Don't use ANY tap connectors here such as "T" taps or "scotch locks", either wrap and tape or solder and tape the EVO-ALL wire connections.  
(See installer's tips at the end of this tip sheet for how to make connections)

- The following table lists the necessary wires to connect from the EVO-ALL module and what they connect to. Any wires on your module that are NOT listed in the table are NOT USED:

<b>EVO-ALL wire:</b>	<b>Description/Location:</b>	<b>Connect to Color:</b>
<b>20-PIN PLUG:</b>		
DARK BLUE	Status programmable output (-) (12-pin plug of RS00)	YELLOW/BLACK
YELLOW	Ignition (+) @ Vehicle ignition harness	BLACK/YELLOW (along with pink wire in 6-pin harness of the RS)
LIGHT BLUE/BLACK	Data – pin-2 @7-pin transponder plug	RED/BLUE
<b>6-PIN PLUG:</b>		
WHITE/RED	vehicle side of cut security light wire - pin-5 @ 7-pin transponder plug	BLUE/ORANGE
WHITE/GREEN	plug side of cut security light wire - pin-5 @ 7-pin transponder plug	BLUE/ORANGE
<b>5-PIN PLUG:</b>		
BROWN	CAN SW @ pin-4 of green 21-pin plug of fuse panel in drivers kick panel.	GREEN/RED

<b>4-pin DATA Plug</b>	Data port of RS00	Data Link harness contains: red, black, blue, & white (plugs in)
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- The following diagram illustrates all of your needed connections. As always, it is the responsibility of the installer to verify all vehicle wiring using the vehicle wiring chart and a multi-meter prior to making any connections:



# Step 2 – Programming

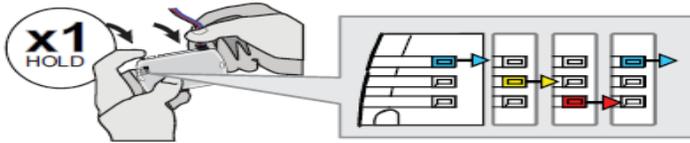
## EVO-ALL module programming:

The EVO-ALL will monitor your vehicle brake pedal and send the data to the remote starter, saving you from making the wired connection. Because the add-on remote starter needs to have programming options changed, and can only have the values of each option changed using the brake pedal, you will need to program the EVO-ALL module before you program the remote starter. Perform the following steps using your vehicles key, and the programming button that is built onto the side of the EVO-ALL:

### PROGRAM.: 1

### ACURA / HONDA

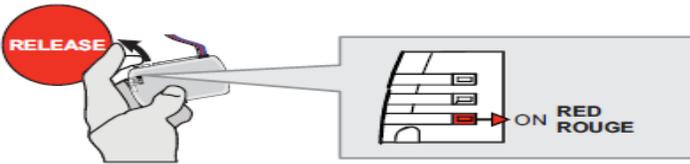
1



Press and hold the programming button:  
Insert the 4-Pin (Data-Link) connector.

↳The LED will alternate between BLUE, YELLOW and RED flashes.

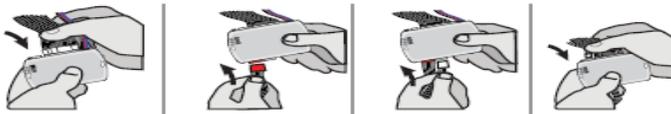
2



Release the programming button when the LED is RED.

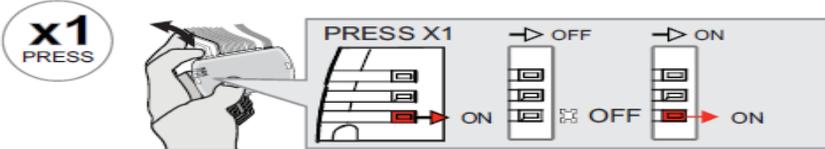
If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3



Insert the required remaining connectors.

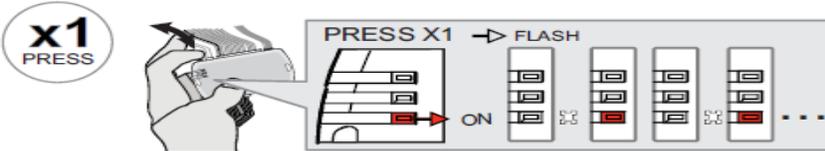
4



Press and release the programming button once (1x).

↳The RED LED will turn OFF and then back ON.

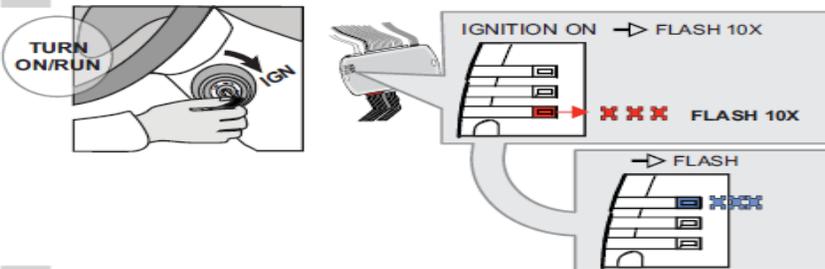
5



Press and release the programming button once (1x).

↳The RED LED will flash 1 once each second.

6

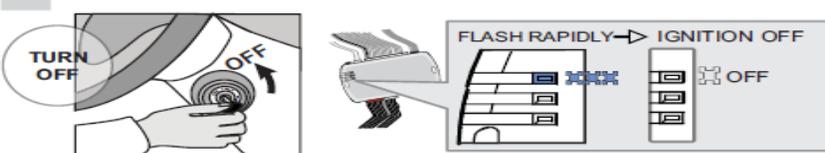


Turn the Ignition to the ON/RUN position.

↳The RED LED will flash rapidly 10x times.  
Key bypass programmed.

↳The BLUE LED will flash rapidly.  
CAN-Bus programmed.

7



Turn the Ignition to the OFF position.

↳The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

## RS00 remote starter programming:

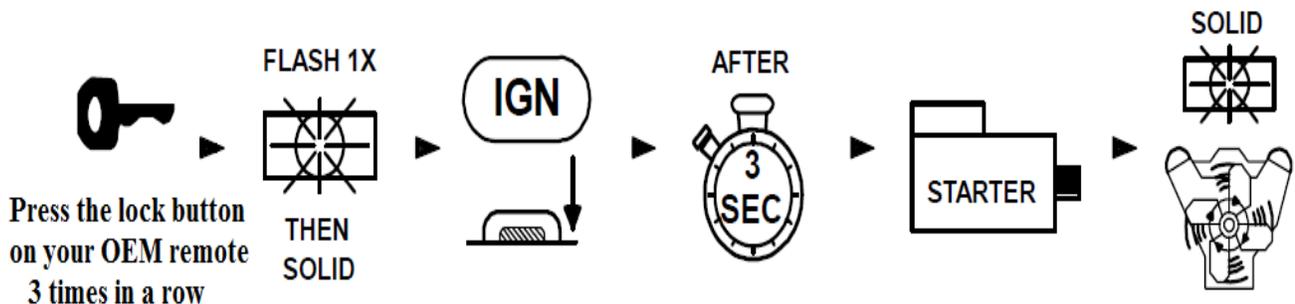
Once you have successfully programmed the EVO-ALL, you will need to change the RS00 remote starters programming option 17 from its default “1 Pulse” setting to the “3 Pulse Start” value. This will initiate the remote start sequence from 3 lock presses on your OEM remote instead of 1. Complete the following steps using your vehicles key, your vehicles brake pedal, and the valet programming button that plugs into the RS00.

1. Using your key, turn the vehicle Ignition “ON” . (Do not start the vehicle)
2. Within 5 seconds of step 1, press the valet switch 5 times to access option programming.
  - You will hear 5 clicks from the RS00 brain, and if connected, the parking lights will flash and horn will honk. Wait for the unit to finish clicking/flushing/honking.
3. Within 10 seconds of step 2, press the valet switch another 17 times to access option 17.
  - You will observe a click/flash/honk each time you press the button, carefully count the clicks/flushes/honks until you reach option 17.
4. Firmly press the brake pedal 1 time to change option number 17 to the “3 Pulse” value.
  - You will then observe 1 click/flash/honk to confirm the change.
5. To exit programming, turn the ignition key to the “OFF” position. Or, you can wait 10 seconds for programming mode to expire.
  - Programming is complete.
  - If you wish to change more features, the programmable features chart along with instructions can be found beginning on page 14 of the installation instructions book that comes in the box with your RS00.

## Step 3 - Test the System

Once all programming is done, you should test the system to make sure everything is working properly before you connect the activation wire and close up the installation.

1. Press the lock button 3 times in a row on your OEM remote.
  - The parking lights & gauges should power up and in a moment, the vehicle should start.
2. Make sure the vehicle stays running, and that the climate controls are working.
3. Press the brake pedal.
  - The engine should shut down.
4. If your test is successful proceed to “step 4 - Connect the Activation Wire and close it up” below.
  - If your test was unsuccessful, go back and re-check your wiring and programming.

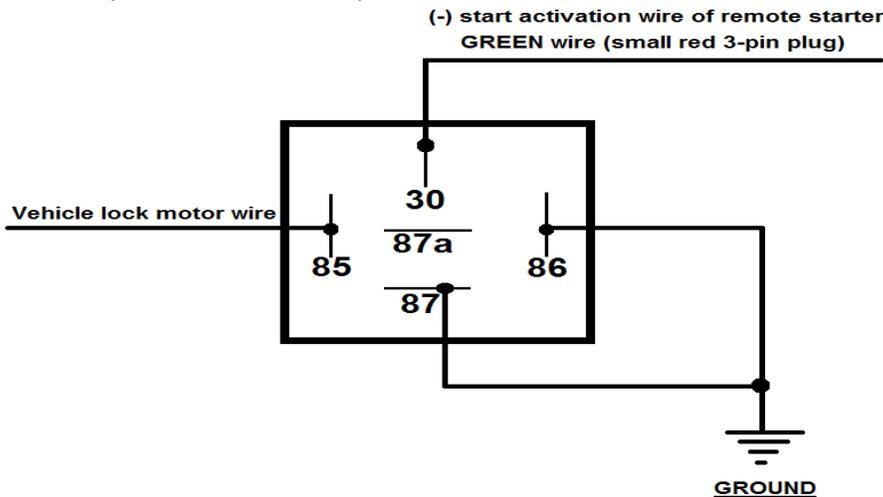


## – Connecting the Activation Wire

In some vehicles, the EVO-ALL will pick the lock motor signal up from the vehicle. If after programming the EVO-ALL, the blue LED flashes when you press lock on your remote, then you will not need to make this connection- 3 pulse programming is still required.

The GREEN activation wire takes a ground signal from your door lock motors and uses that as a trigger to engage the remote start. That's how pressing 'lock' on your OEM remote 3 times starts the car.

Use your wiring chart to locate the "Driver Lock Motor" wire in the vehicle. Do not confuse the "Driver Lock Motor" wire with the regular "Lock" wire on your wiring chart! Typically, the wire in the vehicle will be located at the kick panel, or where the wires enter the vehicle from the door through the rubber boot. Testing the correct wire will show (-) ground when at rest, then when the lock button is pressed the wire will momentarily show (+) positive as the door lock is energizing, then return back to (-) ground where it will rest. It is the return back to ground pulse on the vehicle lock motor wire that the remote starter is looking for to activate when a relay is not being used. In most installations, the activation wire can be connected directly to the vehicle "Motor Lock" wire and everything will function correctly. Some customers have reported an issue on that wire that causes the car to start on the first 'Lock' press, even after installer programming option #1 has been changed to '3 presses' for activation. If you experience this problem, adding a relay to the trigger wire will resolve this issue. Most vehicles will not need the relay, but there's no harm in using it even if yours does not. You can choose to install the relay with the rest of the system, or you can install it only if it turns out you need it – it's up to you. If you install the relay on the activation input, connect it as follows: it – it's up to you. If you install the relay on the activation input, connect it as follows:



### RELAY HARNESS COLOR CHART:

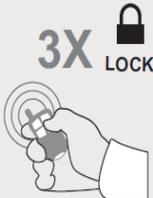
<b>30</b>	=	<b>Blue</b>
<b>85</b>	=	<b>White</b>
<b>86</b>	=	<b>Black</b>
<b>87</b>	=	<b>Yellow</b>
<b>87a</b>	=	<b>Red</b>

- After connecting the activation wire. Test the system again, by pressing the 'Lock' button on your fob 3 times.

## Step 4 - Close it Up!

Now gather up all your wiring and neatly bundle it together using zip ties or electrical tape. Find a secure place to put the remote start module and use zip ties to secure it. **Make sure that the remote start wires are not near any moving parts on the steering wheel, pedals or emergency brake!**

## Operation:

ADD-ON		REMOTE STARTER OPERATION		
 <p>Remote start the vehicle. Press lock three times on OEM remote</p>	 <p>Press the Unlock button. Or, unlock door with key.</p>	 <p>Enter the vehicle</p>	 <p>Insert key into ignition, and turn to the ON/RUN position</p>	 <p>The vehicle can now be put in to gear and driven.</p>

## **Installer's Tips:**

### **Tip #1 – Where Everything Goes**

1. *Remote start module* – the wiring for the module is done under the dash on the driver's side, so you'll want to install the module in that general area. Before you start wiring, look for a location where there's some open space that will fit the module. Pay attention to moving parts like the pedals, e-brake and steering column. Be sure to route your wiring away from those areas.
2. *Bypass module* – can be stowed along with the remote start.
3. *Programming button* – Requires a ¼" hole. Usually put in the driver's kick panel (that's the area forward of the door), the driver's side of the center console, or the underside of the dash.
4. *Hood Pin Switch* – An important safety component! Requires a 3/8" hole. Find a location in the engine compartment to mount the switch where the closed hood will keep the plunger in the switch depressed. This is what prevents the car from starting when the hood is open.
5. *Status LED* – Not required for normal operation but can be helpful for troubleshooting. Can be mounted anywhere you like – or unplugged and not used once the installation is completed.
6. Activation relay – can be stowed along with the remote start.

### **Tip #2 – How to make your wiring connections**

*It's very important that all your wiring connections be solid and secure. All remote start connections are "tap on" connections. This means that you do not need to cut the wires in the car. You simply need to "tap on" to the wires in the car to make your connections. Here are three different ways to do this:*

#### **Method 1 – Solder and tape**

This is the method preferred by the best professional installers. It makes for the most reliable connections, but it is also the most difficult to do. Sometimes there isn't enough room in the wiring harness to safely solder a wire without damaging adjacent wires, but if you have the soldering skills, go for it. To make a connection, strip back a section of the insulation on the wire in the car. On heavy gauge wires, 1" is about the right amount. On lighter gauge wires, ½" is fine. Strip 1" of insulation off the end of the remote start wire. Tin the bare section of wire in the car. Wrap the remote start wire around the tinned section and then carefully solder it in place. Wrap the splice tightly with electrical tape.

## Method 2 – Wrap and tape

This is the most popular method and is also very reliable. Strip back a section of the insulation on the wire in the car. On heavy gauge wires, 1" is about the right amount. On lighter gauge wires, ½" is fine. Strip 1" of insulation off the end of the remote start wire. Separate the strands of the wire like this:



Pass the wire from the remote through the opening as shown below



Wrap the remote start wire around both sides of the car wire, then back around itself as shown below



Use electrical tape to wrap the connection and secure the wires together. A wire tie will help prevent the tape from unraveling in the future.



## Method #3 – “T-Taps”

T-taps are plastic clips that are squeezed onto the wires in the car. The wire from the remote start goes into the tap and the whole thing is crimped together. T-taps come in different sizes for different size wires. Use yellow t-taps for the larger wires in your main power harness. Red t-taps are good for the smaller wires. Tape and wire tie the connections as shown in the “wrap and tape” section above – that will prevent the t-taps from ever opening up.

### Using T-Taps

Use a pair of pliers to attach the quick-connects to the wires in your car. Hold the quick connect as shown below in Figure 1, then clamp it on to the wire as shown in Figure 2. There is a locking tab at the front of the connector (Figure 3) – make sure it is secure and locked in place when you are done.



Figure 1



Figure 2



Figure 3