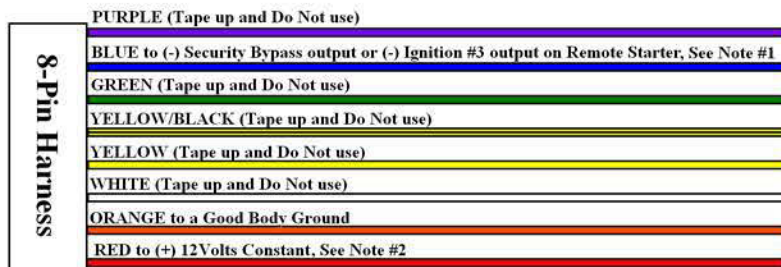


## TRANSPONDER INSTALLATION (Ford, Chrysler, all imports and some GMs)

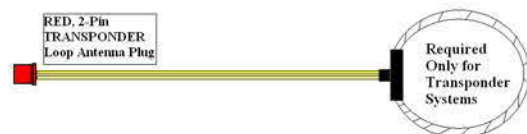
- 1 You must have a spare transponder key that will start the vehicle. You will need to insert this spare key inside the 791 module.
2. The wiring loop needs to be positioned around the ignition switch. Place the transponder loop around the ignition switch and as close to the key hole as possible.
3. Connect the RED wire from the module to a constant +12V supply.
4. Depending on the Remote Starter model, connect the **BLUE (-)** wire (Module Activation wire) from the 791 Bypass Module to the **WHITE (-)** Ignition Negative Out when Running/Security Bypass Output (RS1100/RS1200) "OR" **YELLOW/BLACK (-)** Security Bypass Output (RS82) "OR" **BLUE/BLACK (-)** Ignition 3 Control Output (Deluxe 500).
5. Attach the **ORANGE** wire to ground. For ALL other wires tape up the ends and do not use.
6. Plug the loop wire into the **RED** plug inside the module.
7. When bypassing GMs transponder (PK3), attach the **RED wire not to +12V constant**, but to the **Starter/Crank** wire on the vehicle.

### 8-Pin harness for Transponder Installation:



Note #1, on some Remote Starters, connect the BLUE wire to the (-) Ground when Running wire.

Note #2, on GM's Transponder System (PK3), connect this RED wire to the STARTER/CRANK wire on the Vehicle.



# Bulldog SECURITY



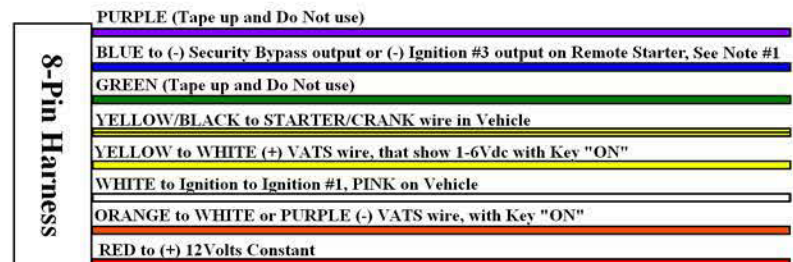
## Before You Begin

Please refer to our website at [www.bulldogsecurity.com](http://www.bulldogsecurity.com), to determine what type of anti-theft system your vehicle is equipped with.

## PASSKEY (VATS) INSTALLATION (GM ONLY)

1. Locate two (2) wires in an **ORANGE** (or sometimes **BLACK**) vinyl tube coming down from the ignition switch. This tube will contain two (2) **WHITE (small gauge)** wires or one (1) **WHITE** and one (1) **PURPLE** small gauge wires.
2. Connect the **YELLOW** wire from the 791 bypass to the **WHITE** wire in the VATS tube that shows (+) **positive voltage (1 to 6 volts DC)** when the key is turned to the "ON" or "RUN" position.
3. Connect the **ORANGE** wire securely to the other **WHITE** or **PURPLE** wire that shows (-) **negative or ground** with the key in the "ON" or "RUN" position.
4. Connect the **RED** wire from the 791 bypass to a **constant +12 V supply**.
5. Connect the **WHITE** wire from the 791 bypass to the vehicle's **PINK Ignition #1 wire at the ignition harness**.
6. Depending on the Remote Starter model, connect the **BLUE (-)** wire (Module Activation wire) from the 791 Bypass Module to the **WHITE (-)** Ignition Negative Out when Running/Security Bypass Output (RS1100/RS1200) "OR" **YELLOW/BLACK (-)** Security Bypass Output (RS82) "OR" **BLUE/BLACK (-)** Ignition 3 Control Output (Deluxe 500).
7. Connect the **YELLOW WITH BLACK STRIPE** wire from the 8-pin harness to the **STARTER/CRANK** wire on the ignition switch harness.
8. The **PURPLE wire** and the **GREEN wires** (if included) are not used and should be taped up.
9. Start the vehicle with the ignition key and leave it running for at least (2) two minutes, or until the red L.E.D. light goes out.
10. Turn off the vehicle the system has learned the resistor value.

### 8-Pin Harness for VATS Installation:



Note #1, on some Remote Starters, connect the BLUE wire to the (-) Ground when Running wire.

## PASSLOCK I INSTALLATION (GM ONLY)

1. Locate the harness coming from the ignition switch inside, find the three (3) small wires **YELLOW, BLACK and WHITE** or (1) **BLACK WITH WHITE STRIPE wire** and (2) **BLACK wires**.
2. If your vehicle has the **BLACK WITH WHITE STRIPE wire** and two (2) **BLACK** wires, you will need to test the two (2) **BLACK** wires WITH THE IGNITION KEY IN THE "ON" OR "RUN" POSITION. Test both of these wires, one will show (-) **negative ground** and the other will show (+) **positive (1 to 6 volts DC)**.
3. Attach the **YELLOW** wire from the 791 bypass to the Passlock **YELLOW or BLACK** wire that shows a (+) **positive**.
4. Attach the **ORANGE** wire from the 791 bypass to the wire that shows a **ground**.
5. Attach the **RED** wire to a **constant +12V supply**.
6. Attach the **VIOLET** wire to the bulb check wire. A small gauge **BLACK** wire in slot "D" or "E" coming from the ignition switch on the left hand side of the steering column located along with the heavy **RED** power wires in the ignition switch harness. This wire will test (-) **negative or ground** only during cranking.
7. Depending on the Remote Starter model, connect the **BLUE (-)** wire (Module Activation wire) from the 791 Bypass Module to the **WHITE (-)** Ignition Negative Out when Running/Security Bypass Output (RS1100/RS1200) "OR" **YELLOW/BLACK (-)** Security Bypass Output (RS82) "OR" **BLUE/BLACK (-)** Ignition 3 Control Output (Deluxe 500).
8. Connect the **YELLOW WITH BLACK STRIPE** wire from the 8-pin harness to the **STARTER/CRANK** wire on the ignition switch harness.
9. Connect the **WHITE** wire from the 791 bypass to the vehicle's **PINK Ignition #1 wire at the ignition harness**.
10. Put the key in the ignition and start the vehicle.
11. Let the vehicle run for at least (2) two minutes, or until the RED L.E.D. light goes out.
12. Turn off the vehicle, the system has learned the resistor value.
13. The **GREEN** wire is not used.

### 8-Pin Harness for Passlock I Installation:

8-Pin Harness	PURPLE to the (-) BLACK Bulb Check wire
	BLUE to (-) Security Bypass output or (-) Ignition #3 output on Remote Starter, See Note #1
	GREEN (Tape up and Do Not use)
	YELLOW/BLACK to STARTER/CRANK wire in Vehicle
	YELLOW to the Passlock I wire that shows (+)Positive
	WHITE to Ignition to Ignition #1, PINK on Vehicle
	ORANGE to the Passlock I wire that show (-)Negative or Ground
	RED to (+) 12Volts Constant

Note #1, on some Remote Starters, connect the BLUE wire to the (-) Ground when Running wire.

## PASSLOCK II INSTALLATION (GM ONLY)

1. Locate the wire harness coming from the ignition switch. Inside, find three (3) **small gauge wires**, a **RED WITH WHITE STRIPE** wire, an **ORANGE WITH BLACK STRIPE** wire or a **BLACK** wire, and a **YELLOW** wire on trucks, vans, and SUVs. On cars find a **BLACK** wire, a **YELLOW** wire and a **WHITE** wire.
2. Attach the **YELLOW** wire to the Passlock **YELLOW** wire that shows (+) **positive** voltage. 1 to 6 volts with engine running.
3. Attach the **RED** wire to a **constant +12V supply**.
4. Connect the **ORANGE** wire to the **ORANGE WITH BLACK STRIPE** wire or **BLACK** Passlock wire that shows (-) **negative or ground**.
5. Depending on the Remote Starter model, connect the **BLUE (-)** wire (Module Activation wire) from the 791 Bypass Module to the **WHITE (-)** Ignition Negative Out when Running/Security Bypass Output (RS1100/RS1200) "OR" **YELLOW/BLACK (-)** Security Bypass Output (RS82) "OR" **BLUE/BLACK (-)** Ignition 3 Control Output (Deluxe 500).
6. Connect the **WHITE** wire from the 791 bypass to the vehicle's **PINK Ignition #1 wire at the ignition harness**.
7. Connect the **YELLOW WITH BLACK STRIPE** wire from the 8-pin harness to the **STARTER/CRANK** wire on the ignition switch harness.
8. The **PURPLE** wire and the **GREEN** wire (if included) are not used and should be taped up.
9. Start the vehicle with the ignition key and leave it running for at least (2) two minutes, or until the RED L.E.D. light goes out.
10. Turn off the vehicle, the system has learned the resistor value.

### 8-Pin Harness for Passlock II Installation:

8-Pin Harness	PURPLE (Tape up and Do Not use)
	BLUE to (-) Security Bypass output or (-) Ignition #3 output on Remote Starter, See Note #1
	GREEN (Tape up and Do Not use)
	YELLOW/BLACK to STARTER/CRANK wire in Vehicle
	YELLOW to the Passlock II wire that shows (+)Positive
	WHITE to Ignition to Ignition #1, PINK on Vehicle
	ORANGE to the ORANGE/BLACK or BLACK, Passlock II wire that show (-) Ground
	RED to (+) 12Volts Constant

Note #1, on some Remote Starters, connect the BLUE wire to the (-) Ground when Running wire.