



Installing the Proximity Sensor Kit in a C5 Convertible



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NOTE:

Before doing the install it is recommended that you disconnect your vehicles negative battery cable.

In order to install the kit you will first need to locate the Body Control Module (BCM) under the removable cover at the passenger's foot well.



Fig. 1a.

Step 1.

Remove this cover by unlocking the 2 latches and tilting the top down and sliding the panel off. Be careful not to snap the 2 hooks at the bottom. Once the panel is removed you will see the BCM on the left and the fuse box on the right.

(Note: you will not see the extra wires running across your fuse box and BCM)



Fig. 1b.



Step 2.

You will now need to locate the 3 wire auxiliary pigtail adapter that is hidden above the BCM. This connector will be wrapped in black tape and will contain 3 wires, Yellow (ACC), Orange (+12V) and Black (Ground). We will use these three wires to provide power to the Kit.

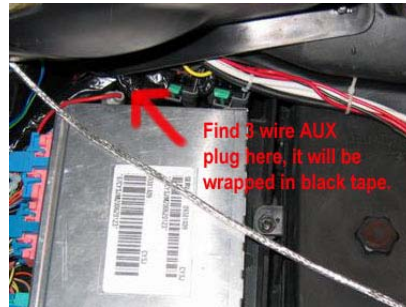


Fig. 2.

Next splice the Yellow wire on your kit to the yellow wire on the pigtail connector, the kits red (or orange) wire to the pigtail's orange and the kits black wire to black using the provided wire taps. Make sure all connections are secure, and that no wire is exposed. Tape up each of these wires individually to be sure.

(Note: You may already be using this connection for a radar detector or other device, if this is the case, it will not be an issue, the current draw for the sensor is minimal.)

Step 3.

Now you must locate the BCM wire that goes back to the Tonneau cover switch. This wire is dark blue and is located on the top most connector of the BCM at pin C9.



Fig. 3.



Step 4.

We will splice the **white wire** from our kit to this **blue wire** using the provided wire tap. This is the wire that will trick the BCM into thinking the Tonneau cover has been opened when in fact our proximity sensor has been triggered causing the alarm to sound.

Step 5.

Now we will move to the waterfall area between the seats of the car. This is the best location for the sensor. In order to install the sensor we will need to remove the waterfall. There are 4 star bit screws that hold it on, two on top and one at the base on each side. Remove these screws and gently pull the cover off.



Fig. 5a and 5b.

Step 6.

The sensor will sit inside at the base of the waterfall facing forward. You will need to run the wire up from the passenger's foot well along the tunnel to this location. You should be able to tuck the wire up into the tunnel cover/console and under the emergency brake lever by separating the Velcro between the boot and carpeting. Use the provided Velcro to secure the sensor to the carpeting.



Fig. 6



Step 7.
Reconnect your batteries negative cable.

Sep 8.
Before replacing the waterfall cover you will want to adjust the sensitivity of your sensor. This is done by using a small flathead, or plastic tipped screwdriver to gently turn the left adjustment pot on the sensor (red arrow below). There is no need to adjust the other pots. You can use the integrated LED to test the sensitivity of the sensor by reaching into the passenger area, and noting when the LED flashes. Adjust as necessary.

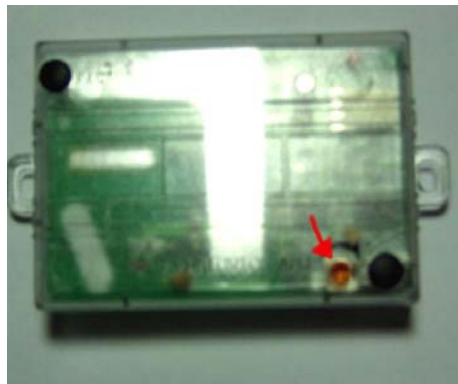


Fig. 7

Once the sensitivity seems correct you may want to slide the waterfall cover over the sensor, lock your vehicle and test the sensor from different areas of the vehicle before replacing the four screws.

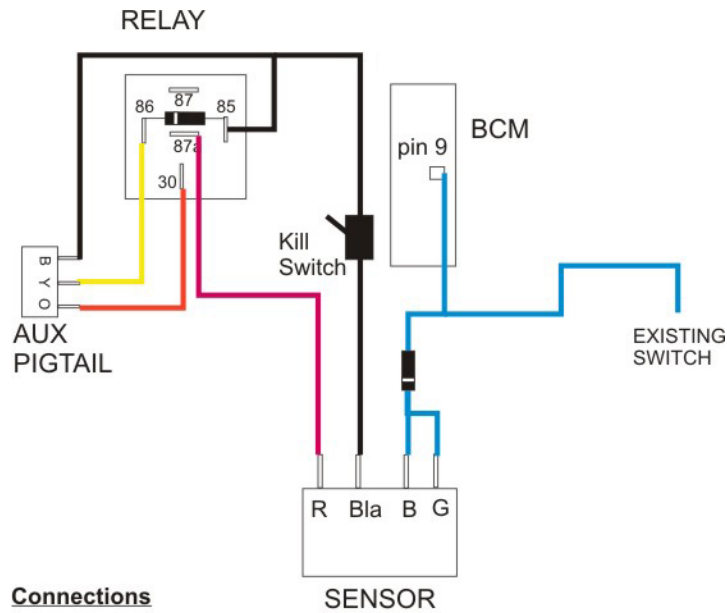
Now you can tuck the wiring up under the dash, close everything up and enjoy the new functionality of your proximity sensor upgrade!

Be sure to leave the kill switch accessible in case you need to disable the sensor when someone is left in the vehicle with the doors locked, etc. You may want to mount it by drilling a hole in the plastic shield within the passenger's foot well area.

Please contact us if you have any issues or require further assistance.
support@vettemods.com

You will find a wiring diagram on the last page of these instructions for your reference.

Thanks, and enjoy your new <http://www.vettemods.com> product!



Connections

- Orange (or RED) Splice to Orange (+12v) on AUX connector
- Yellow Splice to Yellow (ACC) on AUX connector
- Black Splice to black wire on AUX connector
- White Splice to existing tonneau cover switch (BCM pin 9)

NOTE: The relay in this circuit is to prevent the sensor from triggering the "Tonneau cover is ajar" message when the vehicle is on. When the key is on, as signaled by the ACC wire, the relay will open and cut power to the sensor.