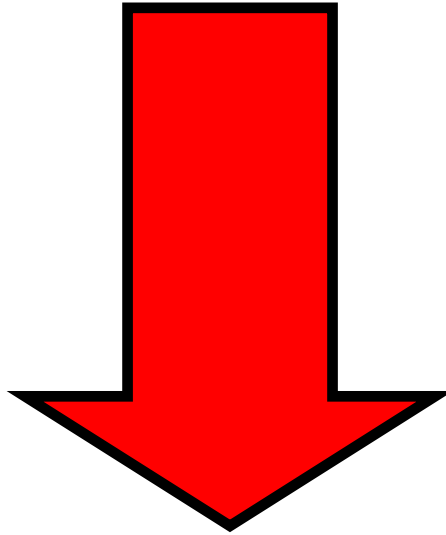


DISCLAIMER:

You take all responsibility for any damage your car endures, any injury that might occur, and anything else that could go wrong.

Do this at your own risk.

This is not to scare you away... just to cover my ass!



MOD: **Wiring a 1/8 inch (3.5mm) cord into the XM Module****Vehicle:** 2007 Chevrolet Corvette Coupe 3LT (with Bose and XM; without Navigation unit)**Problem:** My factory stereo did not come with an auxiliary plug; therefore I could not connect my MP3 player to listen to music like the 2007 Impala SS. To fix this issue, I am going to connect the Right, Left, and Common wires from the headphone extension cord to the right, left, and common wires in the back of the XM module in my car. **This will remove your ability to listen to your XM station(s).****Tools Used:**

Wire Cutter



Electrical Tape

**Accessories Purchased:**

10 foot 1/8 inch (3.5mm) headphone cord

Why did I buy 10 whole feet? So if I made errors, I didn't run out of wire!

*If your media device uses a different kind of plug, **that is fine**. Buy the one you need. As long as you correctly wire it with the XM module, it will work! If you cannot find the extension cord that your media device requires, simply buy an adapter for it. If you're already confused, stop now.

**Media Device** (Anything that uses the extension cord size bought; in my case the Samsa e250 mp3 player)

Samsa e250



iPod Shuffle

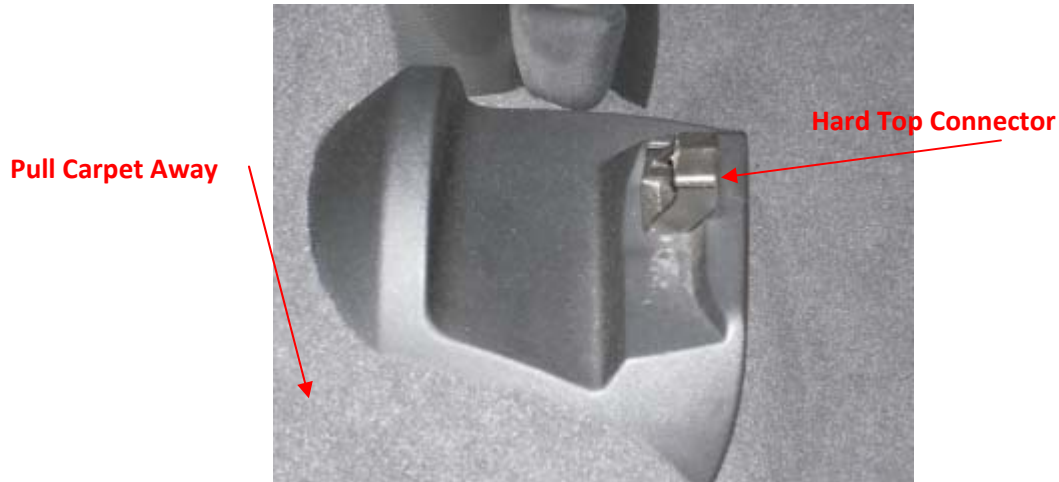


FIRST AND MOST IMPORTANT STEP: Unplug your car's battery so you don't somehow accidentally harm yourself or others that might be helping you.

Finding the XM Module:

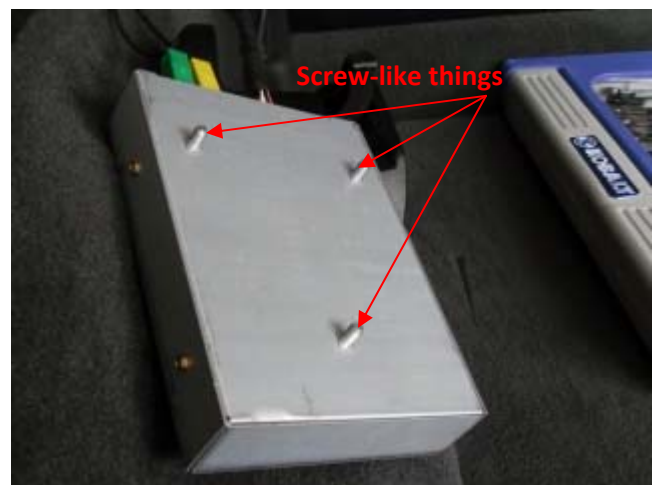
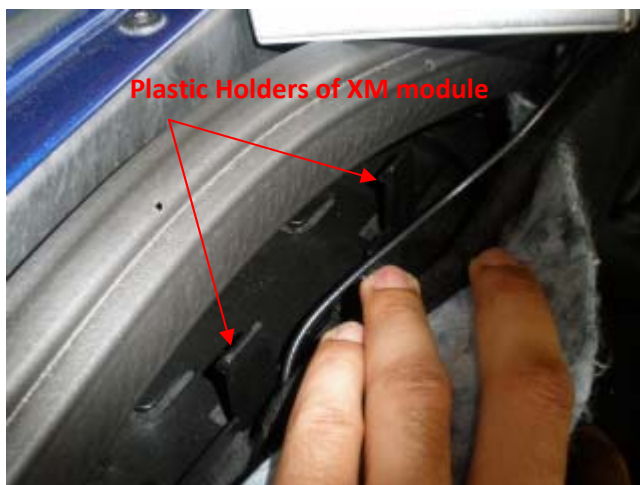
Open the trunk of your car and look at the driver's side. Notice the "connector" where the hardtop would latch into. In that corner, gently pull away the carpeting (don't be afraid you will not rip anything important. The carpet is simply tucked underneath the plastic and rubber).

Hopefully you will see a metal box tucked underneath. If not, then you don't have XM or your vehicle has it in another place.



The metal box is the actual module, and it's down by two black plastic "things" which you must pull off the module. The way I describe it sounds difficult, but it's not. It's simply pressed against the module to hold it place.

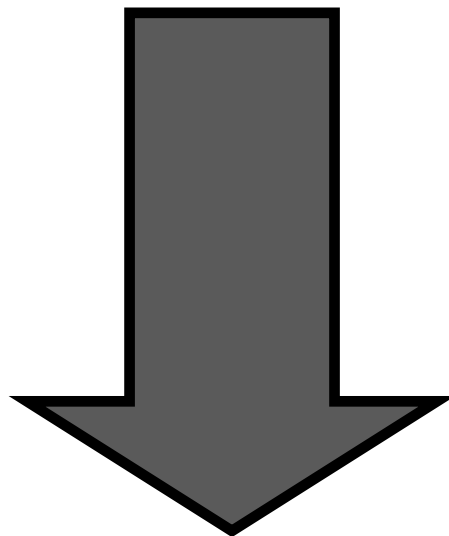
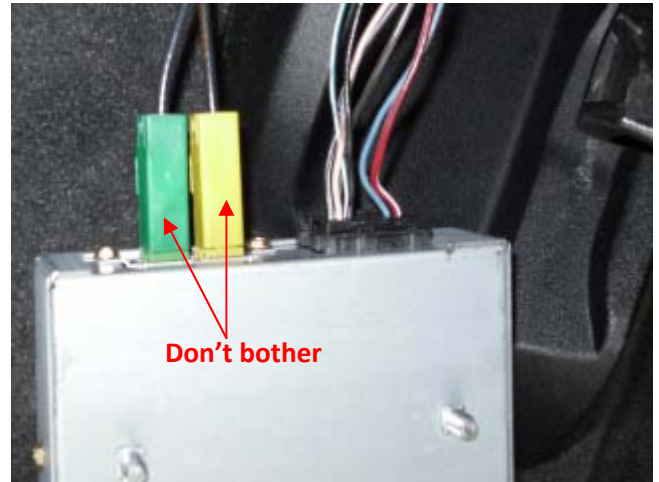
Once you get the module loose from its plastic holders, the difficult part begins. You have to "wiggle" and maneuver the module completely out of its hiding place. There are annoying "screws" on the top that will get in your way. Have patients and don't rip anything (LIKE THE WIRES!!).



Once it's out you'll need to cut back some of the black wire wrap around the harness of the unit.

NOTE: You are not cutting actual wire, just the black wrap around the wires!

On the back of the module you'll see a green and yellow plug. Don't mess with those. Our attention will be focused on the other wires plugged into the module.



Before you start stripping, cutting, and binding. Study these diagrams. **NOTE:** For some reason my headphone extension cord didn't come with a white wire, instead it was black. **Most** audio cables come with RED (right) and WHITE (left) but in this case, it is **black**.

The **red** wire is the **right** audio sound from the extension cord.

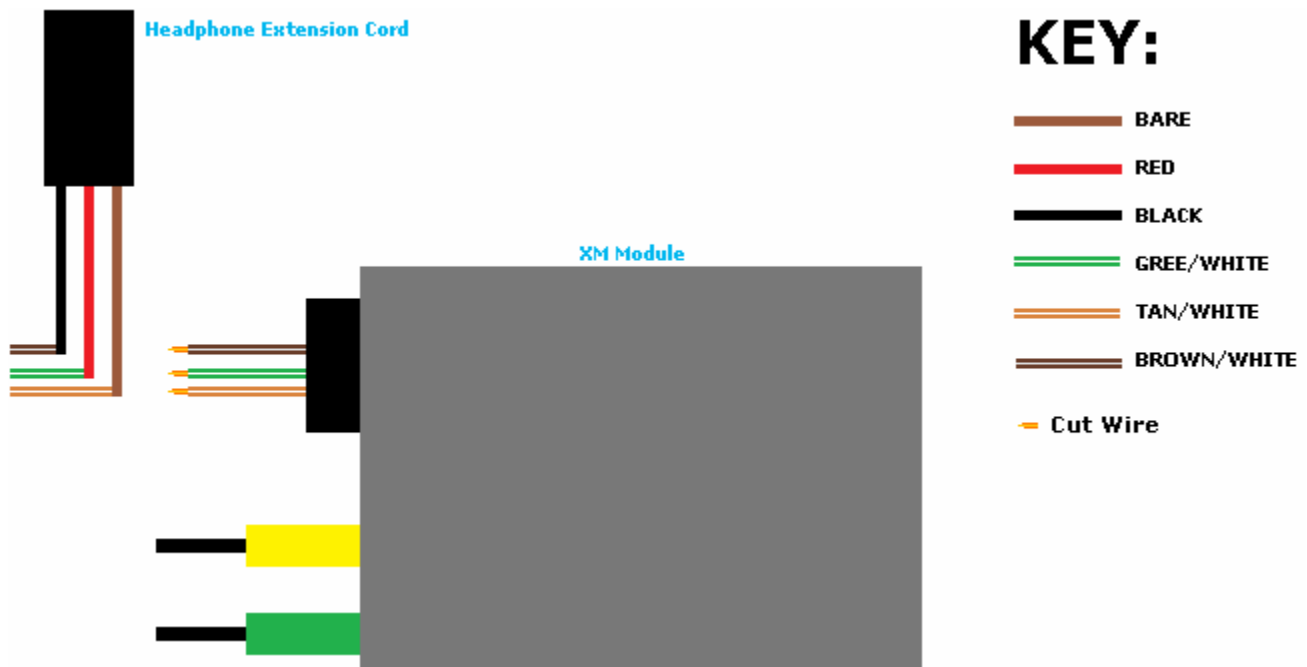
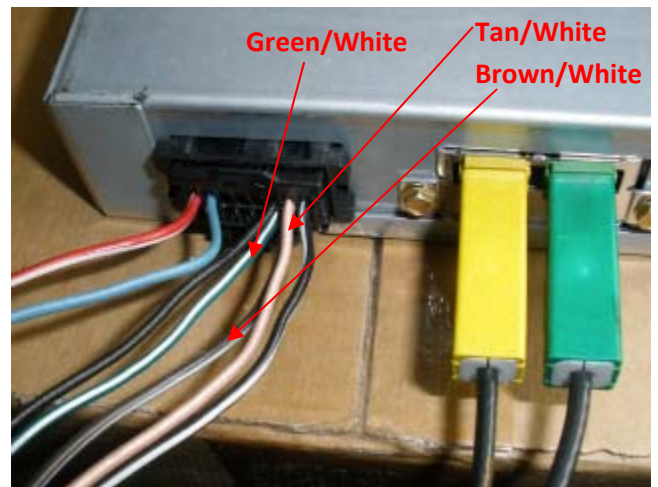
The **black** wire is the **left** audio sound from the extension cord.

The **bare** wire is the **common** audio sound from the extension cord.

The **green/white** wire is the **right** audio sound from the XM module.

The **brown/white** wire is the **left** audio sound from the XM module.

The **tan/white** wire is the **common** audio sound from the XM module.



You will connect the **red** wire to the **green/white** wire to link the **right** sound together.
You will connect the **black** wire to the **brown/white** wire to link the **left** sound together.

Written by "Is2kev"

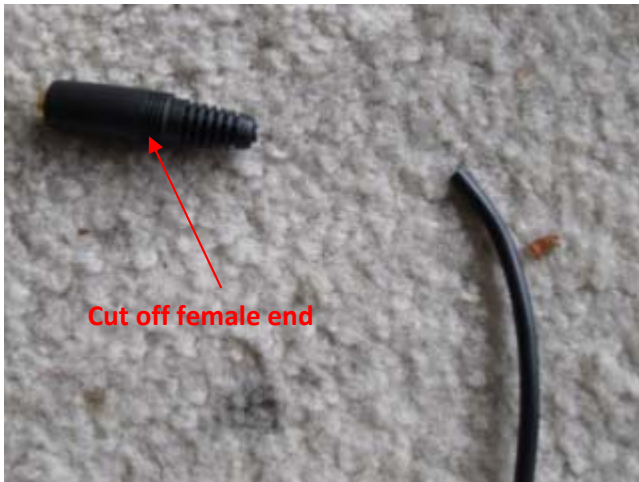
<http://www.radford.edu/kwhall/site.html>

You will connect the **bare** wire to the **tan/white** wire to link the **common** sound together.

Now we begin cutting and stripping the **headphone extension cord**.

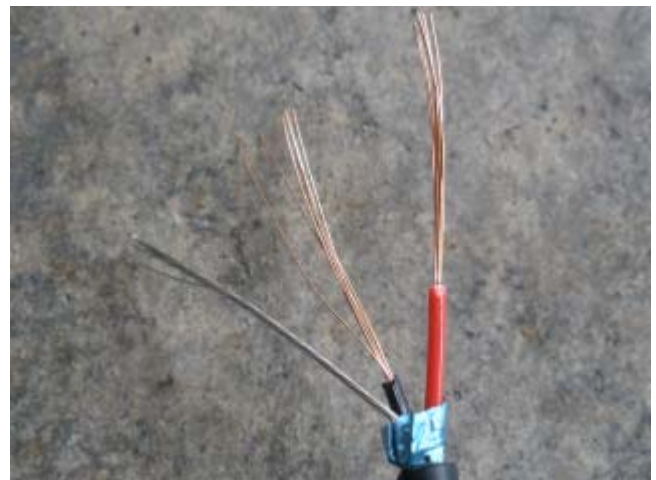
Take the female end of the extension cord, and cut the plug head off. You don't need it. Confirm that the red, black, and bare wires are present. (Remember the note I mentioned above, yours might be white and not black).

You need to strip the black wire seal before you can get to the actual little wires within. A good technique to use when stripping wires is to turn the wire cutter in a circular motion to cut all the way around the seal, and then simply pull off the seal with your finger nails.



Now that the black seal has been removed, it's time to remove the seals from the actual wires themselves. Put the red wire of the extension cord into the lower end of the wire cutter and **gently** press down to cut away the wire seal. You do not want to cut **through** the actual metal wire. You want to strip away the seal surround the metal without damaging it. Do the same for the black wire.

When you've stripped away all 2 wires, take a close look and make sure you didn't damage any of the metal wire. If you're not happy with the job you did or you damaged the actual wire, cut off the end you've stripped and start over. Don't worry, you (hopefully) bought 10 feet of cord and there is room for mistakes! Just don't make too many. **Besides, you need practice your wire stripping technique because you won't get the chance to make as many mistakes. There is limited wire!!**

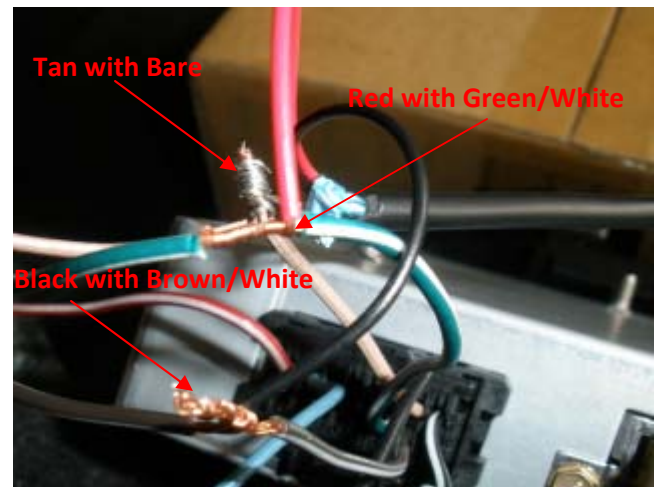
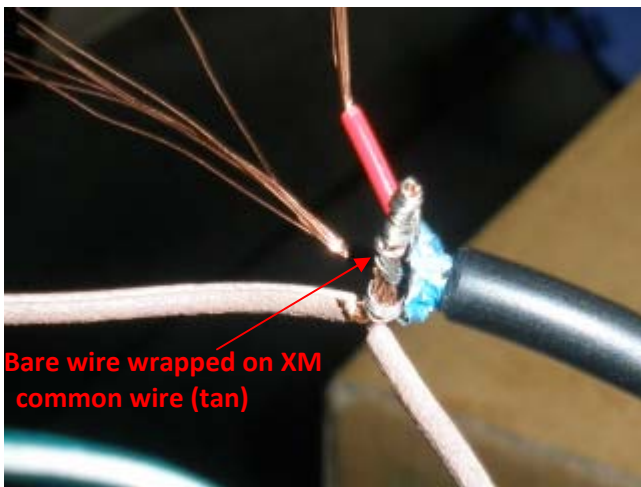


These next steps require you to sever your car's audio connection to the XM Radio. If you use XM Radio and want to continue to do so, stop now. You might (can) reestablish a connection to your XM Module later on after you cut the wires by simply rebanding the severed wires. Once the wire stripping is to your satisfaction, it's time to strip away **part** of the wires that go into the XM module. You **WILL** be cutting through the wires off the XM module.

After you cut through the 3 needed wires, strip the ends (**not the ends coming directly from the XM module, but the ends coming from your car**) Then you will tie/twist/bind the extension cord wires onto XM wires (metal is touching metal). After that you will wrap electrical tape around the bare wire for protection.

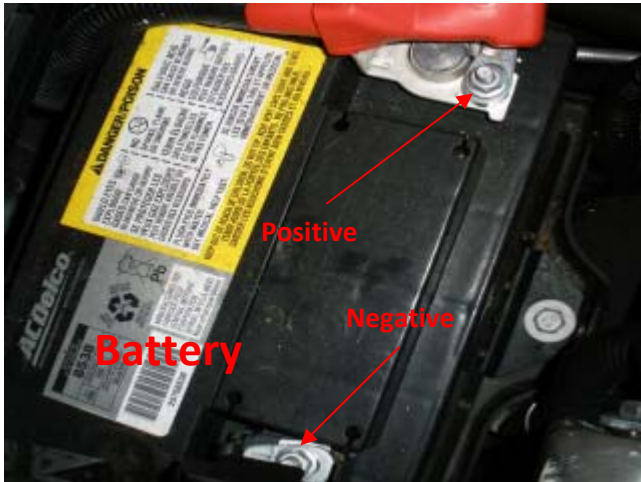
Take one of the extension cord wires and match it with the correct XM wire (refer to the diagram). Wrap/twist the bare wires together and apply a piece of electrical tape around it. **This is important so you don't cause any electrical components to short circuit.** What does that mean?

http://en.wikipedia.org/wiki/Short_circuit



Now that you're finished, it's time to test it. Don't put away the module yet in case it doesn't work (easier to inspect it for mistakes if you haven't tucked it back in its compartment). Reestablish the car battery connection so your car has power again.

Plug the male end of the extension cord into your media device, and turn on the media device. Make sure a song is playing. Turn on your car's accessory mode (stating the engine isn't necessary). Change the stereo to the XM channel (using the Band button). *I had two different XM and FM stations; you might have to press the Band button a few times until it gets to the right one. You might have to use the channel up/down buttons to get until you find the audio playing from your media device.*



Hopefully, when you're on the correct XM station, you will hear the music that's playing on your media device. Now turn off the accessory mode on your car, and put the XM module back in its place. Run the extension cord through your car however you like. I put it underneath the car's carpeting so it doesn't get in my way and it looks neat. I leave the male end of the cable near my drink holder so it's easy to access.

