

Satellite Radio Installation for the DSP E39 5 Series

Tools Required:

<ul style="list-style-type: none">• Panel Removal Tool• Philips Head Screwdriver• 8mm socket wrench (CD Changer Removal)	<ul style="list-style-type: none">• Wire Cutters/Crimpers• Brain• 10mm Wrench (battery terminal removal)
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CRITICAL Installation Notes:

Before attempting to use your new Sirius Connect System, it is **IMPERATIVE** that you read the initialization guide at the end of this document. Not doing so will result in an inoperative Sirius module and will require you to take time out of your day to call our support line. If we aren't open, or it's over the weekend, you'll be left with frustrations that could've otherwise been avoided by reading the initialization guide at the end of this document. (As you can see there have been many people who elected not to read the guide! 😊)

Don't forget to write down the Sirius or XM ID number, located on the module. You'll need it to activate the module.

The Process: (Disconnect Negative Battery Terminal Before you Begin)

We'll begin by disassembling the trunk first, which is super easy. Just fold down the door on the driver's side of the trunk. Here is where our connections will take place, as well as all of the mounting of modules, etc.

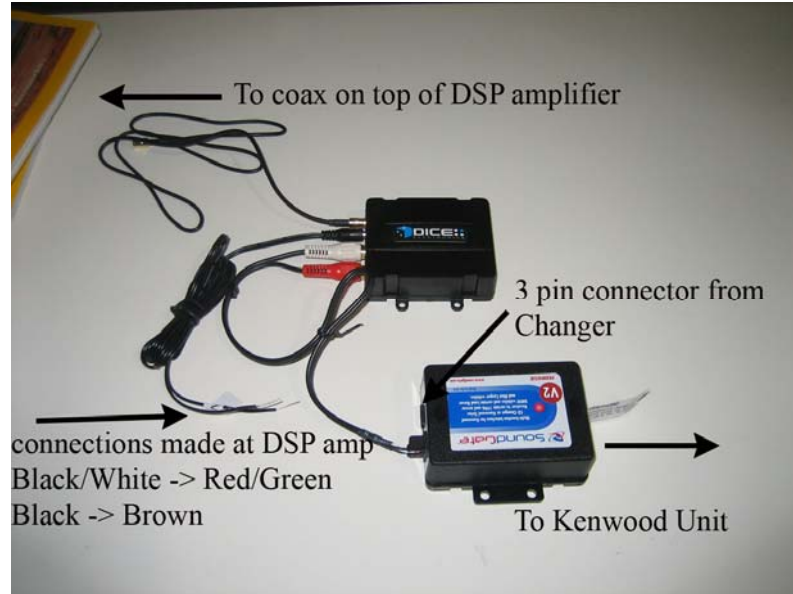
1. Open the door on the driver's side panel if the trunk to reveal the factory amplifier/CD Changer/Navigation Unit. This is where our connections will take place.



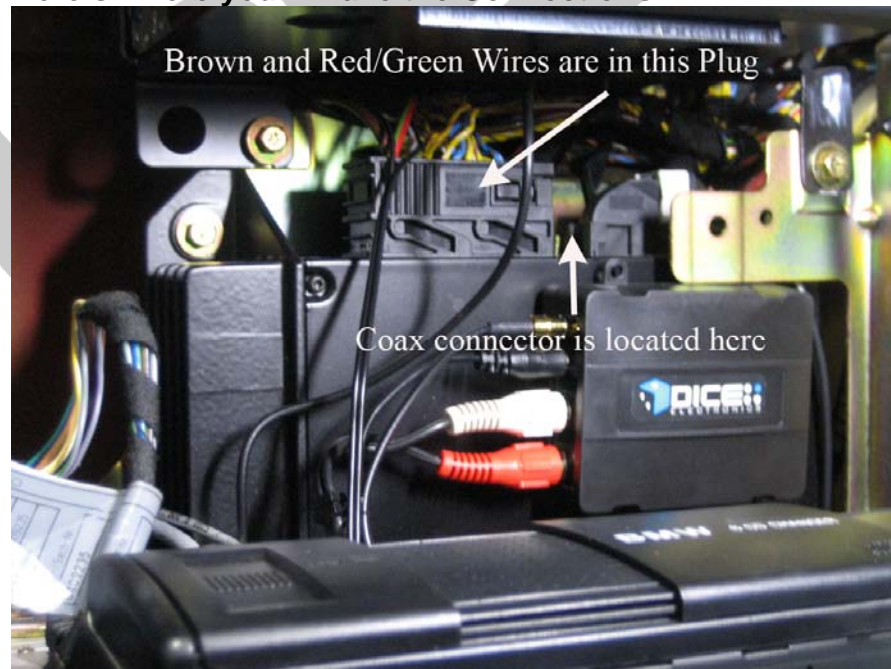


BAVARIAN SOUNDWERKS

Visual Representation of the connections we'll be making



Here's where you'll make the Connections



Connections

As you can see in the photos above, we're only making two wiring connections, which are for powering the DSP module. Everything else is plug-n-play. If your vehicle has navigation, you'll just have to use a small light to see back where the coax connection is made.

Wiring Connections:

Wire Color on DSP Module	Connects To:	Wire Color on Factory Amplifier
Black w/White Stripe		Red w/Green Stripe
Black		Brown

Plug n Play Connections:

1. We will plug in the coaxial cable between the DSP amplifier and the DSP adapter that you received.
2. We will plug in the RCA -> 6 pin adapter into the 6 pin adapter on the Soundgate Module.
3. **NOTE: The 3 pin connection that we will be using will be paired with the coaxial cable if your vehicle is not equipped with a factory CD Changer. There is one other 3 pin connector in the trunk, and it will be paired with a much larger 54 pin phone harness. Do not cross these connectors, as it will result in damage to the Soundgate module and possibly your vehicle.**

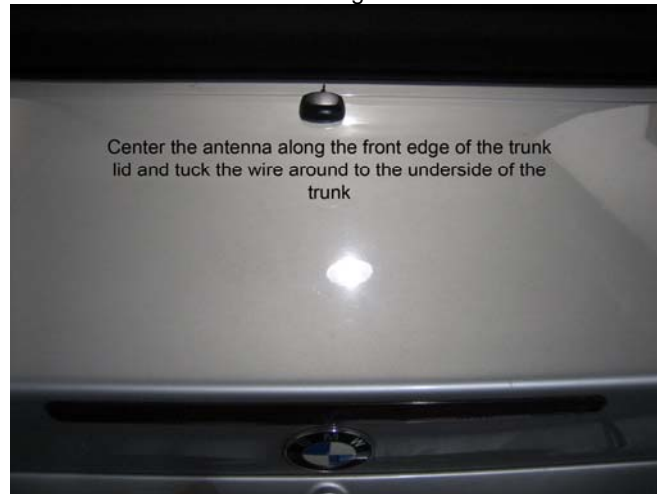
We will now plug the 3 pin connector that was either plugged into your CD Changer or just hanging out in the CD Changer mounting location into the 3 pin connection on the Soundgate Module.

4. Now, connect the included data cable between the Soundgate adapter and the Satellite Radio tuner.
5. The Satellite Radio Antenna then plugs into the Satellite Radio Tuner. Mount the tuner and modules using the included Velcro and wire ties.

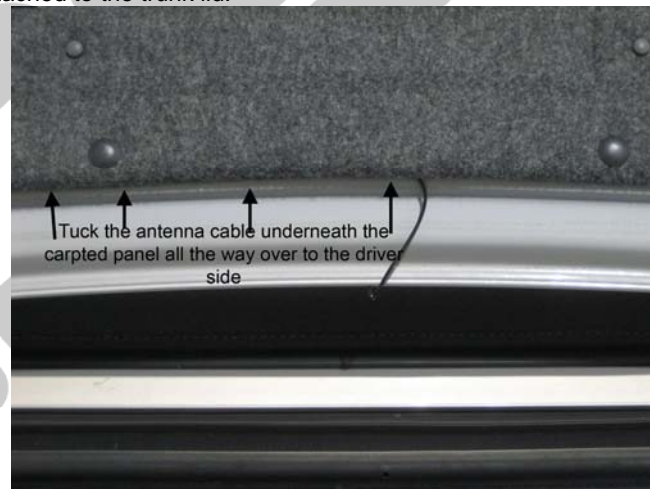


Trunk Lid Antenna Mounting

This is the way we most commonly mount the antennas. Reception is not compromised in any way, as the antenna has a full view of the sky. Since the antenna is magnetic, simply position it on the center of the trunk lid towards the front edge:



1. We'll now need to tuck the antenna wire along the underside of the carpeted panel that is attached to the trunk lid:



2. Route the antenna wire towards the driver's side of the trunk lid. We'll need to get the antenna down into the car. Following the trunk lid hinges, attach the antenna using the supplied wire ties. BE CAREFUL to mount the antenna so it won't get pinched.



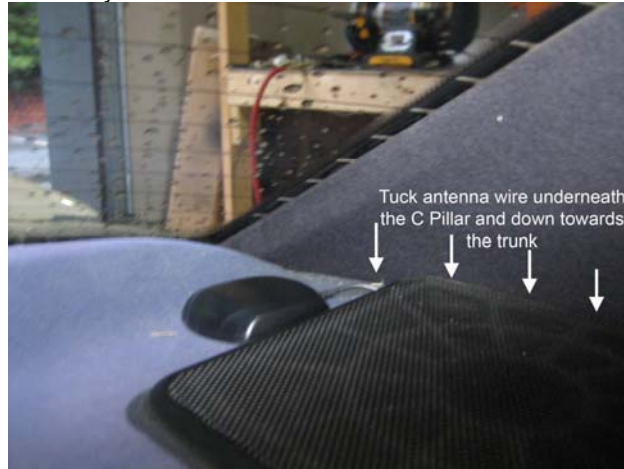
3. Now, lift the rubber gasket that lines the trunk seal upward and tuck the antenna wire underneath it. Once under the gasket, simply put the gasket back down on the lip using your fist.
4. At this point, you can simply route the cable down to the Satellite Radio module and plug it in as shown:



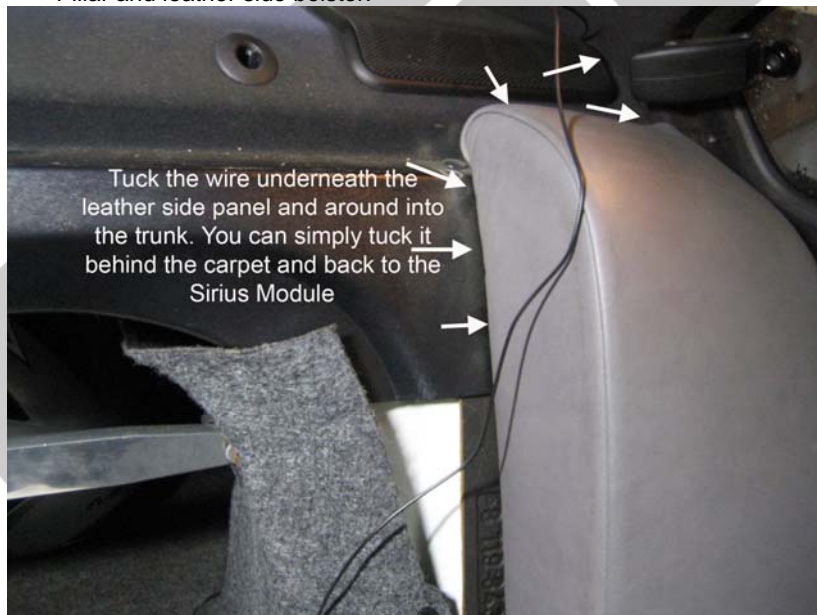
Interior Mounting of Antenna

If you'd rather not mount the antenna on the outside of the car, you can also mount it on the rear deck of the car. In some areas, this may affect the performance of the antenna's reception capabilities. We suggest "test fitting" the antenna before permanently installing it. By test fitting we mean don't permanently route the wire, rather loosely run it to the Sirius module and test it for a week or so.

1. Mount the antenna using the supplied Velcro on the rear deck in a location of your choosing. We usually tuck it in the driver's side corner closest to the windshield.



2. As you bring the antenna around into the trunk, continually tuck the wire behind the C Pillar and leather side bolster.



3. At this point, you can simply route the cable back to the Sirius module and plug it in as shown:
4. **Now, plug the 3 pin connector into the Adapter Module.** Secure all wiring and see the initialization guide on the next page.

Initialization of Sirius Module

Much like a computer, we must program this new piece of hardware to work with your existing system. This process is actually very simple. After all connections are made to your Sirius module, and all cables are plugged in to their respective connections, we need to disconnect the negative battery terminal. **Do NOT attempt to access the Sirius module using your radio.**

Disconnect your negative battery terminal using a 10mm wrench and let it sit for at least 1 hour. We are resetting the vehicles bus system, so that when the car “wakes up” again it sees a new device on the bus system and will recognize it and begin communicating with it properly.

After the battery terminal has been reconnected, you can then head up to the front of the car and turn on the ignition. **Do not attempt to access the Sirius yet.** Leave the ignition on for at least 1 minute. At this point, you may access the Sirius by either pressing the “CD” button or the “Mode” button, depending on the year of your E39.

With the Sirius module recognized by the system, **do NOT attempt to control the unit using the radio controls or steering wheel controls for at least 1 minute.**

After this time period, you can begin slowly controlling the Sirius tuner by changing channels, etc from your radio. Just remember that the bus system needs to get used to these new commands, and that being patient here in the beginning will yield optimal results.

After a few minutes of use, you will then be able to change channels via the steering wheel and normal operation can ensue.

Enjoy!