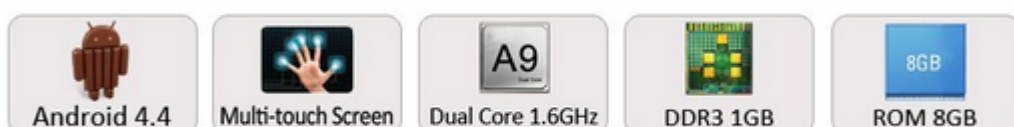


# □Pumpkin Consumer Review□BMW E46 Android 4.4 7-inch Car Stereo

## **7" Pure Android 4.4 Car DVD Player For BMW E46**



### **Key Features:**

- Aftermarket Android 4.4
- Cortex A9 Dual-Core 1.6GHz
- RAM DDR3 1GB
- 8GB memory, Support both 3G and Wifi
- Support BMW E46 Series on your car DVD
- Support 1080P Video
- Support DVR, OBD2

By **Corban Dallas**

I had never heard of [this unit](#) before and found it on a random search through Amazon, I figured for the price it was worth a shot since the Dynavin is still a good bit more expensive... I am very impressed by it!

- **Installation**

Installation was silly easy, I got it done in a couple of hours and that was because I wanted to hide the wires for the GPS antenna and Bluetooth microphone, if you're less picky than me you could get it done in a half hour.

- **Screen, buttons and knobs**

The buttons and knobs are very well built, the finish is slightly more glossy than the stock business radio of the E46, though I suspect part of that is due to aging of the stock materials. The screen is bright and clear and the touch screen is very responsive, the colors and sharpness are great.

- **Audio quality**

I was worried that the audio quality would be worse than the stock CD player, but it's definitely not when using equal mediums (CD's, iPod, radio, etc.), but when streaming Bluetooth it's not the best, most people probably wouldn't notice the difference (my friends didn't), but if you're like me and like clear audio you'll want to stick to CD's, SD cards or an iPod.

- **GPS navigation system**

I love the navigation which displays the speed limit of the road you're on as well as warning you if you're speeding, it can also display any nearby gas stations, hotels and many other things and lets you choose which ones you can see or not see.

- **App installation**

The unit comes with a .apk installer app so that you can install any app from the Google Play store from an SD card, or anyw

here else you could find a .apk app. It also has the Google Play Store app installed on it so if you use your phone as a mobile hotspot for the on-board wifi or use a 3G data card in your unit you can download apps directly from the store.

The included apps are pretty good. My only gripe with the pre-installed music player is that there is no shuffle button, that seems like a huge oversight, otherwise it works well and the equalizer presets are pretty good, as is the custom mapping option that it gives you.

- **Conclusion**

All in all I'm very happy with this unit and would highly recommend it to anyone. It's made the interior of my E46 feel much more updated and new. In fact, my girlfriend just bought a new Ford with the "My Ford Touch" option and she agrees that the nav screen in my E46 is better.

PS: [Autopumpkin.co.uk](http://Autopumpkin.co.uk) website is launched: 2-5 days delivery; NO tariff & Free shipping to UK and EU.

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## [A guide to Android Car Stereo Wiring Harnesses](#)

By Dave Delamere

# Getting a handle on all those wires

While they can look like some sort of multicolor pasta dish, wiring harnesses help you connect your new [Android car stereo](#) to your vehicle's wiring. In this article, we'll explain the different types of harnesses and adapters and how they're helpful when installing your new car stereo.

## Car stereo wiring harnesses

Each vehicle has a different wiring story. Sometimes you have a choice of harnesses that will work in your car. Other times, you might need more than one harness to complete the installation.



### The basic wiring harness

These represent the most common type of wiring harnesses. They offer connections for the power and speaker wires. They can also include connections for the new stereo's ground and illumination wires.

Using the wiring code the adapter manufacturer supplies, these harnesses enable you to match up the wires for each connection to the new stereo's wiring harness. Once that's done, you pl

ug the other end of the harness into your car's wiring connect or (the one that was plugged into the factory radio).

## Specialized wiring harnesses

Vehicle audio systems, electrical systems, and convenience features have come a long way. So, the harnesses had to evolve to handle the complex wiring and data information that modern cars use.

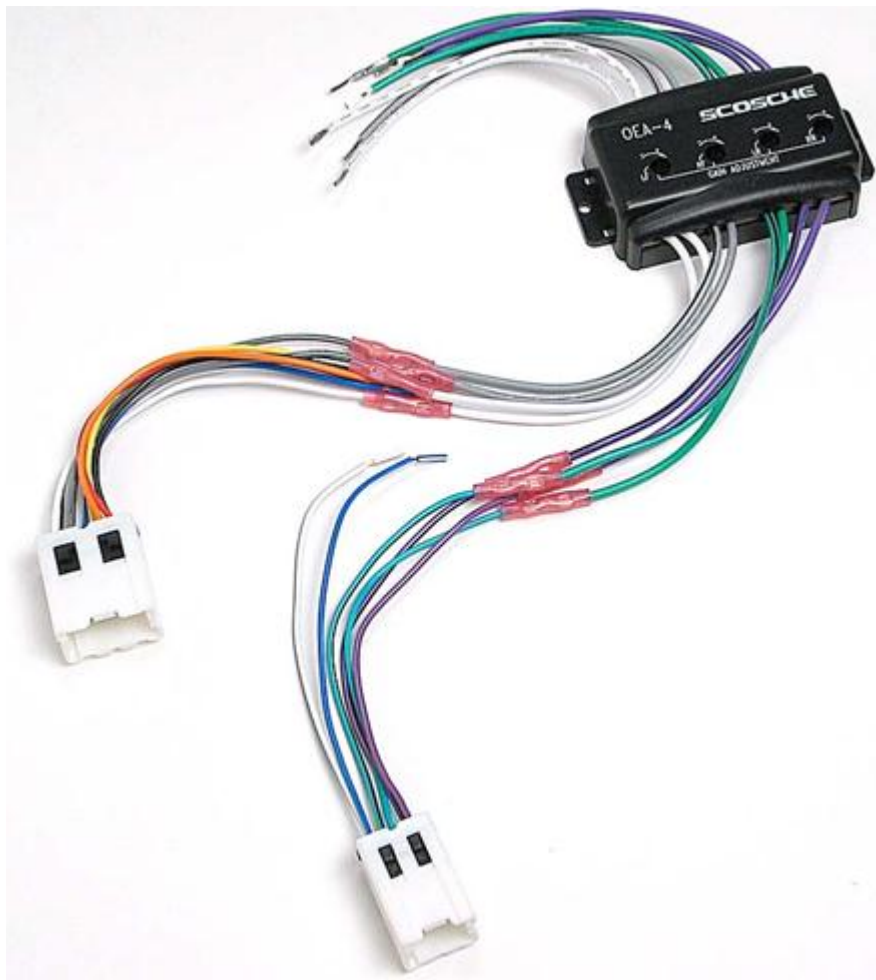
### Connections at a distant location

In some vehicles, you need to plug in the harness somewhere other than behind the radio. A great example is a common version of the Ford Taurus, where the factory amp and radio tuner are located in the vehicle's trunk. These harnesses often consist of a basic wiring scheme that has wires long enough to reach the necessary destination. In the case of the Taurus, the adapter includes 20' of speaker wire to reach the trunk.

### Hook up your new radio by bypassing the factory amp

A vehicle's stereo system sometimes has a separate amplifier, and when installing a new receiver, you generally need to connect the new [Bluetooth car stereo](#)'s speaker wires to the factory amp's output section. These amp bypass harnesses allow you to use the power from the new car stereo to drive your speakers and not rely on factory power.

These harnesses tend to be more affordable than amplifier integration adapters (below), but can involve more work if the amplifier is in a remote location, like under a seat or in the trunk.



### Keep the factory amp in play

Many wiring harnesses can let you keep your vehicle's factory amplifier when replacing the stock radio. They include connections that directly tie the outputs of your new car stereo into the factory amplifier's inputs. So, you'll be using the factory power for your speakers, instead of the power from your new radio.

These harnesses can sometimes shorten the installation time, since wires often do not have to be run to the factory amplifier location, but they tend to be more expensive than the bypass harnesses above. You may also see a module connected in these harnesses – they include adjustments that enable you to properly integrate your stereo's speaker outputs and the factory amp's inputs to keep your music clear.

### Retain those important audible safety alerts

In many vehicles, the audible safety alerts are integrated into the factory radio. When you replace that radio, these warning sounds are lost, and that's dangerous. Thus, these vehicles require a special harness to keep these audible tones working when you install a new stereo. Fortunately, these harnesses also take care of all of the basic stereo connections.

Hang on to factory conveniences you love

Today's cars include an ever-growing number of features built into the factory radios, which complicate wiring connections immensely. They can include things like Ford SYNC®, GM OnStar®, Chrysler Uconnect®, and steering wheel audio controls for the stereo and your phone.

When you replace the factory radio in these vehicles, a more-robust type of integration adapters is needed in order to have these features work with your new stereo.

Some integration adapters, like the iDataLink Maestro, even enable you to download programming for specific receivers and vehicles so you can keep as much of the factory functionality as possible.



Packages that connect and secure your radio

There are also vehicles that not only have a complicated wiring scheme, but they also have a unique dash layout. Integration adapters for these vehicles include both the wiring connections and a custom dash kit to get your new receiver installed.

These generally include just about everything you need to get the receiver connected, mounted in the dash, and retain many of beneficial factory features, such as electronic climate controls.

## Additional adapters for car stereo installations

Sometimes, a wiring harness won't take care of everything and you need additional adapters to install a new stereo. They can help with a specific connection or allow you to keep a factory feature.

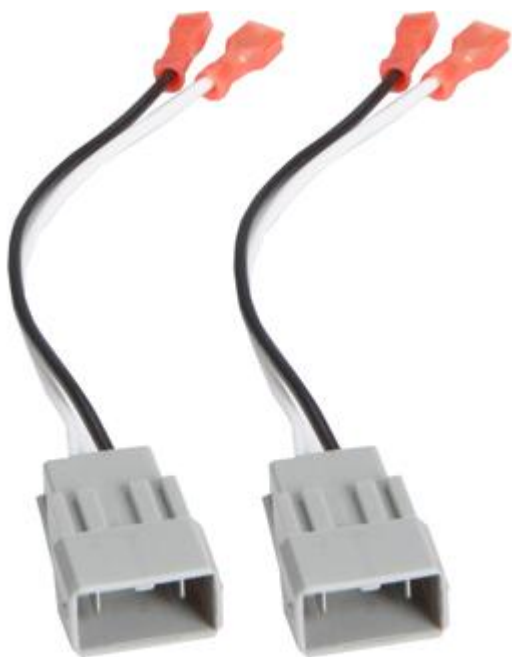
### Antenna adapters

Many factory AM/FM antenna connectors simply plug into the antenna port on the rear of a new receiver. However, some vehicles have an antenna connector with a different shape or are part of an amplified antenna system. In these cases, an antenna adapter becomes necessary for your radio installation so you can keep your AM/FM stations playing.

### Steering wheel audio control adapters

Modern vehicles often include steering wheel controls to let you safely operate your factory audio system without taking your hands off the wheel. These functions include volume controls, track forward/back, and hands-free calling controls. In most cases, those controls won't work after replacing the factory radio. Thankfully, steering wheel control adapters help integrate these controls with many new stereos, so you can keep using these handy controls with your new stereo. Besides, there are many aftermarket products like [Pumpkin car stereo](#) support steering wheel control function.





## Speaker wiring harnesses

While they don't directly help with car stereo installations, the speaker wiring harnesses we offer let you use the factory speaker wires for your new speakers, just like car stereo harnesses. Their plugs match the factory speaker wiring plugs in the vehicle, and the other ends slide over the new speakers' terminals. That way, you don't have to run new wire from the radio to all the speaker locations in your vehicle or cut factory wires.

First published in [Crutchfield.com](https://www.crutchfield.com)

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**[Review for Pumpkin JY-C0662T  
Android 4.4 Car Stereo for](#)**

# Toyota



## Key Features

- Android 4.4 Kitkat OS
- Steering Wheel Control function
- 2 inch LCD HD Capacitive touch screen
- Support OBD2
- Support both 3G and Wifi
- Support Bluetooth
- Support 7 Color Button Indicator
- Support 1080p Video
- Support DVR, Reversing camera

I'll give a review of [Pumpkin JY-C0662T](#). The unit has a 6.2" capacitive touch screen and is flanked by buttons on the two side. The buttons are pretty well laid out and are easily accessible.

**Radio:** This tuner sounds just as good if not better than my stock Toyota radio. There are your basic auto-scan (Scan) and preset buttons for the radio stations. There is a band button (on-

screen) that chooses between AM, FM and RDS.

**CD/DVD:** There's a slide in slot atop the radio for CD/DVD discs. Works as expected when you insert a CD it launches the CD player and plays the music. Basic seek and skip functionality is available and it also supports DVD video playback.

**Navigation:** The unit comes with GPS, and it functions much as you would expect. You plug in an address and it navigates a route there. You can also use Google Maps / Nav, which works but does require a data connection as the maps and routing are not done on the device, but rather online.

**Wifi/ 3G data:** There is a Wifi/ 3G cable that supports wifi (built-in) or 3G dongle (extra) to support data capabilities. If you have a phone that supports tethering, you can use it as your wifi data source.

**Pandora & Google Apps:** Because this is a true [Android car head unit](#), it supports Pandora, Spotify and Google Music, and many other popular Google apps from the play store.

**Bluetooth Phone & Audio:** You can pair the stereo with your bluetooth phone or audio device, once paired you can do the following: Dial out and receive calls hands-free via the Mic. Your phone contacts can be downloaded into the unit.

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