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TJ1002

2003 to 2006 Jeep Wrangler
Installation Tips

V1.0

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I. Introduction

Congratulations! If you are reading this, then you are most likely about to install Insane Audio's android powered TJ1002 in your 2003 to 2006 Jeep Wrangler. Don't worry, installation should be a breeze and this document is intended to give you a few helpful hints and tips.

This should go without saying, but PLEASE USE YOUR NEW TJ1002 RESPONSIBLY. Never attempt to operate the unit or view videos while driving. When in doubt, pull over first then do what you need to do. While driving, always keep both hands on the wheel and your eyes on the road!

Should you run into problems or need any additional assistance, feel free to drop us an e-mail at support@insanejeepaudio.com and we will endeavor to get back to you as soon as possible.

Once you get your TJ1002 installed, a helpful document is our Quick Start Guide which you can find here --

http://www.insanejeepaudio.com/IA_ANDROID_Quick_Start_Guide_current.pdf

You'll also want to check out our online user forum at www.insanejeepaudio.com/forum It's a great place to share ideas and join the Insane Audio community!

Of course, you can always find additional information and documentation at our homepage at www.insanejeepaudio.com

Enjoy your new TJ1002 and we'll see 'ya on the trail!

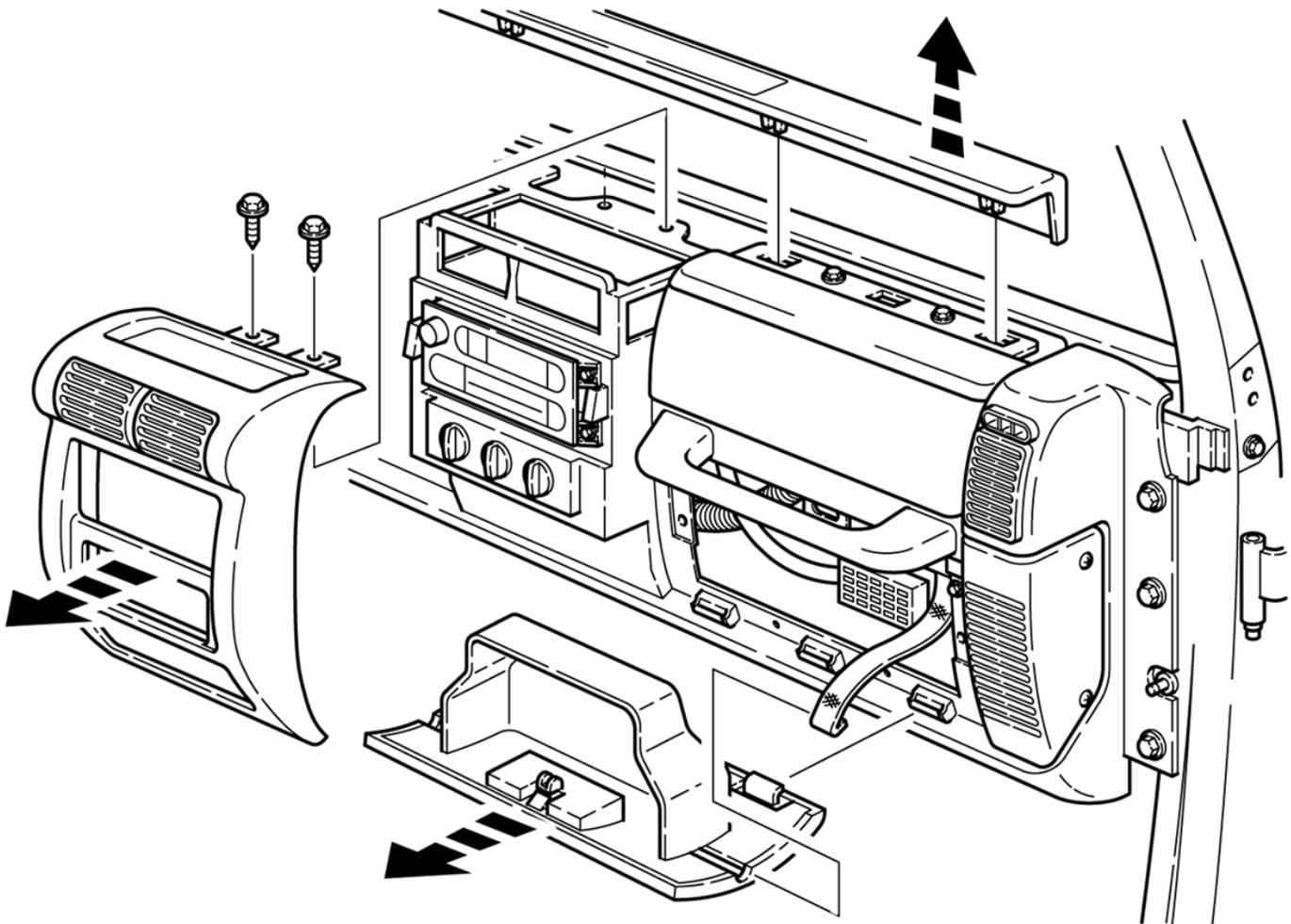


II. Safety Precautions

- Disconnect the negative battery terminal before beginning this installation!
- Don't run with scissors
- If at any time during the installation you encounter a wild bear, you should avoid poking it with a stick. They don't like that.

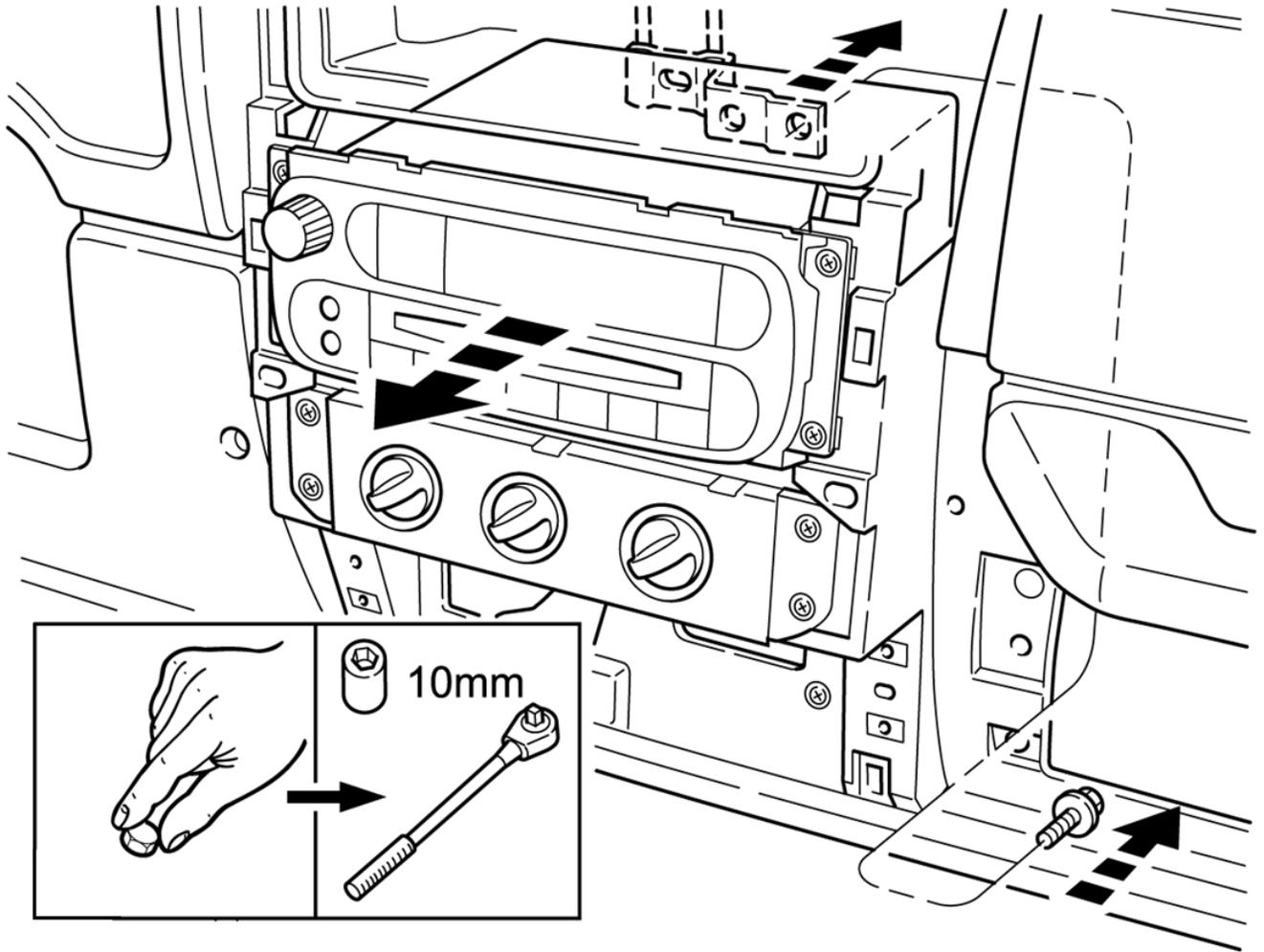
III. Opening the Dash

First, pop off the top dash panel. After removing the two screws securing the center panel, you can pop it off as well. The glove box can be easily removed by just taking off the strap on the right.



IV. Removing the stock radio

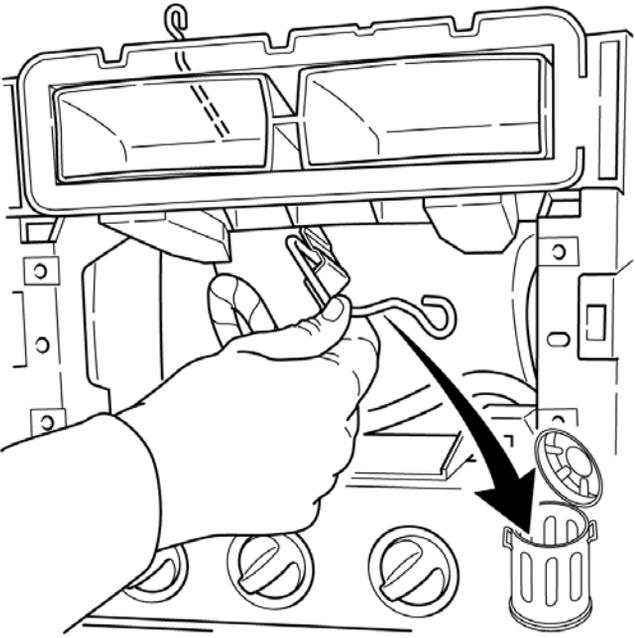
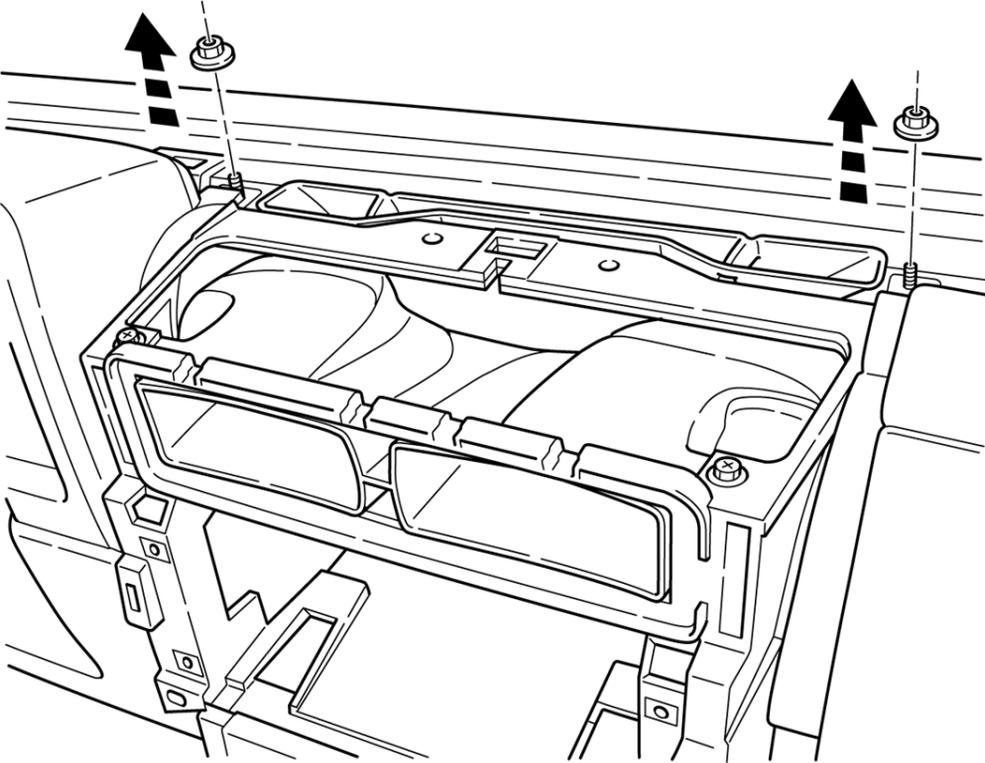
If you still have a stock radio in your TJ, you are going to need to disconnect the security bracket at the rear of the unit....



Once the security bracket is disconnected, you can remove the four screws on the faceplate of the old stereo and the whole thing will slide out. Disconnect the antenna and the old wiring harness from the factory harness.

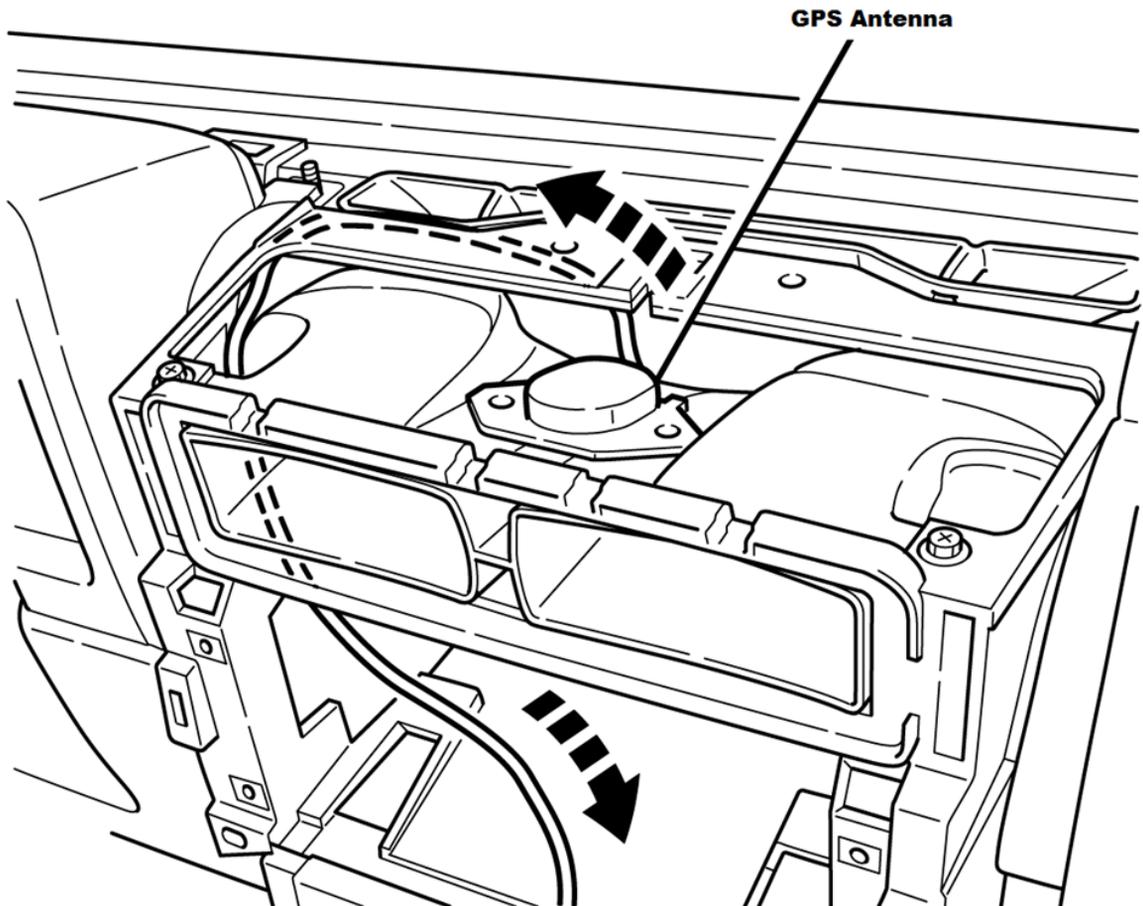
Your old radio has now been freed from your dash and can now be used as a handy doorstop or paperweight.

You'll now want to remove the security bracket and get rid of it...



V. Installing the TJ1002

- Your TJ1002 comes with two wiring harnesses depending on your specific vehicle. Use the one that fits your factory harness.
- The ideal placement of the GPS antenna is right above the vents in the center console.



...unless you've got a CB or other electronics above your dash. In that case, mount the GPS antenna in your roll bar padding.

- Screw the GPS cable into the gold plated port labeled GPS. Looking at the rear of the unit, it's on the right hand side closest to the USB ports.
- Your TJ1002 came with a small, stubby, gold plated WiFi antenna about the size of your thumb. Screw that tightly into the gold plated connector on the left hand side (Looking at the rear of the unit) closest to the AM/FM radio port.
- You'll most likely want to route the iPod cable and USB cable to the glove box.
- If you're installing a rearview camera, a front facing rock cam, aux input or connecting an aftermarket stereo system just use the included accessory harness.
- If desired, connect the external microphone (see the next page for more details on the external microphone)
- Connect the AM/FM radio adapter, the iPod cable and USB cable to the rear of your TJ1002 and simply slide it into the dash.
- Secure the TJ1002 with the four screws on the faceplate of the unit.
- Put your dash back together, reconnect your battery, sit back and get ready to rock!!

Your TJ1002 comes with a high quality built-in Bluetooth microphone, but we also include a complementary external mic for some applications.



This external mic will work at just about any location, but we do have some recommendations as to placement. Try to keep this mic away from any windows, air vents, or speakers to avoid background sounds or feedback. The external mic will plug into the back of the TJ1002 via a 3.5mm headphone jack plug located just to the left of the RCA pigtail.

Most folks place the external mic directly on the steering column but try to keep it away from your dash gauges due to magnetic interference that may effect call quality.

VI. Backup Cam and Rock Cam Installation

- Your TJ1002 can support a rearview camera as well as auxiliary video inputs such as a front facing rock cam.
- To hookup the rearview camera, you'll need to plug in the camera itself and also connect the trigger wire. The trigger wire is on the main wiring harness. It's an orange wire with a black stripe and it should be labeled "Reverse".
- The camera input should be plugged into the RCA input labeled "CAM IN" on your accessory pigtail.
- You'll then need to find a wire behind the dash that is hot only when the vehicle is in reverse. Use that wire to power both your camera and the trigger wire
- Once complete, your TJ1002 will automatically display the rearview camera when the vehicle is in reverse
- To hookup a front facing camera, simply power your camera to a switched 12v power source (i.e. something that is hot when the key is in the ignition), and plug the camera input into "VIDEO IN" on your TJ1002's accessory pigtail. You can access the camera through the AVIN app.
- If you don't already have a backup camera or rock cam, check out www.insanejeepaudio.com! Insane Audio manufactures several high quality universal cameras that work great with our products!

VII. Tips & Tricks

- Your new TJ1002 is packed with features... so much so that the best way to fully get familiar with it is to just go ahead and start using it!
- The first thing you're going to want to do, especially if you're new to the android operating system, is to check out our Quick Start Guide – http://www.insanejeepaudio.com/IA_ANDROID_Quick_Start_Guide_current.pdf
- Be sure to check out our online user forum. It's a great place to share technical information and creative uses of your TJ1002. It's entirely free and here as a resource for our customers!
<http://www.insanejeepaudio.com/forum>
- Insane NavEngine can be accessed both via the icon or by pressing the NAVI button on the face of your TJ1002. This will get you where you're going both on and off the road.
- Your TJ1002 comes with a microSD card slot on the right hand side of the unit and you'll definitely want to take advantage of this feature. Load up a data card with movies or music and access the content via the VIDEO or MUSIC icons on your TJ1002. Your TJ1002 supports cards up to 256GB!
- Your TJ1002 came with an OBD Bluetooth adapter and the Torque application already installed. Please refer to the Quick Start Guide for instructions on how to set this up for the first time.
- Feel free to get creative! This is your Jeep and your new TJ1002! Customize it, install apps, and make it yours!

Thank you!

You can always find out more information or view user manuals online at -- www.insanejeepaudio.com

In addition, feel free to “like” us here – www.facebook.com/insanejeepaudio

We hope you enjoy your new TJ1002 and we’ll see you on the trail!



INSANE
AUDIO

The logo consists of the words "INSANE" and "AUDIO" stacked vertically. The letters are rendered in a bold, rounded, 3D-style font with a metallic or chrome-like gradient. The text is slightly tilted and has a soft shadow effect, giving it a sense of depth and movement.