

How to install an Apple CarPlay or Android Auto head unit in your car.

What you will need:

- a head unit that features CarPlay or Android auto that fits your vehicle. This can be found at this [website](#), put in your cars make and model, answer questions about vehicle, filter by CarPlay or Android Auto. While checking out Crutchfield suggests different packages with adapters and mounts, as well as showing which functions you will keep with each package. Pick the package based on what's important to you and works for your budget.
- Crutchfield ready harness, this is usually around \$26 and will avoid having to crimp wires and cut into factory wires.
- Plastic trim piece, and DIN mount, these usually come together, and Crutchfield will also recommend the specific pieces you need
- A plastic trim removal tool, these can be found on amazon for cheap



- A screwdriver set and a wrench and socket set

Part One: Getting ready to remove the Factory Head Unit

WARNING: not disconnecting battery can lead to electrical shorts or other issues with your car's electrical, make sure to carefully disconnect the battery and prevent any shorts by wrapping the connector before placing off to side.

1. Start by setting the parking break
2. Open the hood of your car
3. Grab your socket set and find which socket fits on the bolt securing your car battery.

Below is an image of what most car battery clamps look like.



4. Loosen the bolt on the clamp for the negative terminal, and pull the connector off the negative side of the battery. This will be labelled with a negative sign. Wrap the cable in a towel and place to the side.

Part Two: Removing the Factory Head Unit

The factory head unit is usually held in by bolts or spring clips.

For a head unit held with spring clips you will need a set of DIN tools.



1. Insert the din tools into the holes on both sides of the unit until you hear a click
2. Spread the tool slightly and pull the stereo out

For a head unit held by bolts:

You will need to remove 1 or more plastic trim panels from the dash using the trim panel tools.

1. Begin by finding a gap in the trim panels around your head unit, gently insert the tools into the gap and gently prying the trim panel.
2. Slowly work your way around the panel, you should hear pops of the plastic clips coming undone. Do not try to brute force it, as that means that piece is secured by a bolt, try a different panel
3. Once you get the panels around the head unit off you should see bolts holding it in place



4. With those bolts exposed, begin to loosen the bolts, and removing them.
5. At this point the head unit should be free to slide out, slide out the head unit and disconnect any connections into it.



Congrats you've successfully removed the factory head unit, you are half done!

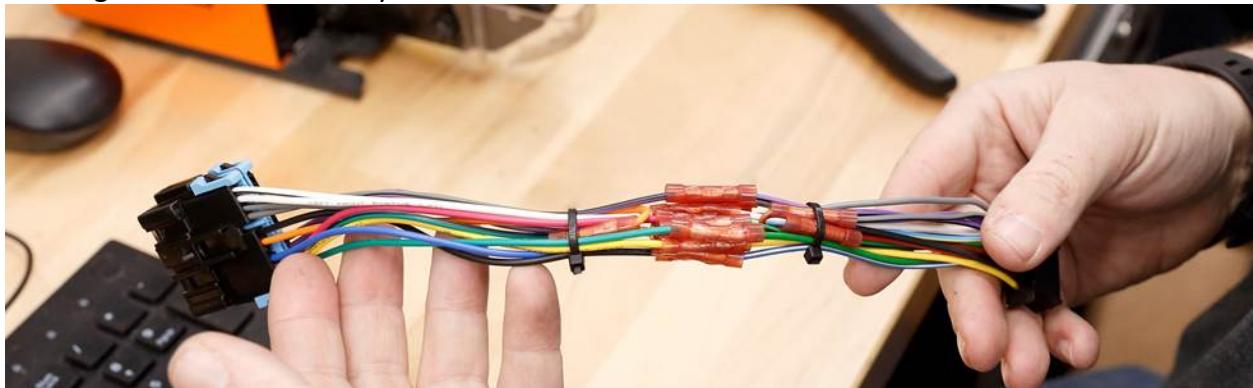
Part Three: Connecting the new head unit

1. Take the new head unit out of the box and unwrap the Crutchfield ready connector
2. Take out the DIN mount



It will look like this

3. Screw the mounting plates onto the side of the head unit
4. Plug the Crutchfield ready connector into the back of the head unit



5. Plug the ready connector into the connector boot that you unplugged from the old head unit



6. Feed the wires into the dash while you slide the head unit with the DIN mount into the car head unit area

Part Four: testing the head unit

1. Start by reconnecting the battery
2. Lift up the cable wrapped in the towel
3. Unwrap the cable from the towel
4. Put the connector onto the negative terminal of the battery
5. Tighten the bolt to secure the battery
6. Now turn the car on, you don't need to start the car just turn the electronics on
7. Make sure the head unit powers on and functions properly
8. If issues arise pull it out and ensure all cables are connected and secured properly
9. If the head unit works fine, place the mounting bolts into the DIN bracked, tighten
10. Place trim panels back where they go, in the reverse order you took them off in, bolt as necessary. For panels with clips lightly slap the panel to get it to clip in

Part Five: Enjoy your new Apple CarPlay and Android auto head unit.

1. Turn on some music and drive around to enjoy the new upgrade to your drives!