



2016-2022 Civic 7 Inch Radio Upgrade Plug and  
Play Wiring Harness

Installation Instructions

***DISCLAIMER: Attempt installation at your own discretion. 3PS is not responsible for damage caused to your vehicle by improper use, setup, or neglect of the product and its affiliated installation steps due.***

When sourcing a headunit, you will need to find one that comes with the display, or you can purchase them separately.

Make sure the head unit has an amplifier built in otherwise you will have no sound output. See below. Find a headunit that does **NOT** have the connector circled in the first picture. This indicates that the headunit does not have an amplifier built in, and thus, is not compatible.

(With Stereo Amplifier) means that the vehicle is supposed to have a separate amplifier.

**AUDIO UNIT CONNECTOR A (24P) (With Stereo Amplifier)**

Cavity	Terminal Name	Description
A1	GND	Ground for audio unit (G504)
A2	Not used	-----
A3	+B AUDIO	Continuous power source
A4	Not used	-----
A5	Not used	-----
A6	Not used	-----
A7	Not used	-----
A8	Not used	-----
A9	Not used	-----
A10	Not used	-----
A11	Not used	-----
A12	K LINE	Detects scan tool signal (serial data)
A13	Not used	-----
A14	B-CAN_H	Communication signal
A15	Not used	-----
A16	Not used	-----
A17	Not used	-----
A18	Not used	-----
A19	Not used	-----
A20	Not used	-----
A21	SWD+ B	Outputs signal for stereo amplifier switching on/off

(Without Stereo Amplifier) means that the vehicle is not supposed to have a separate amplifier.

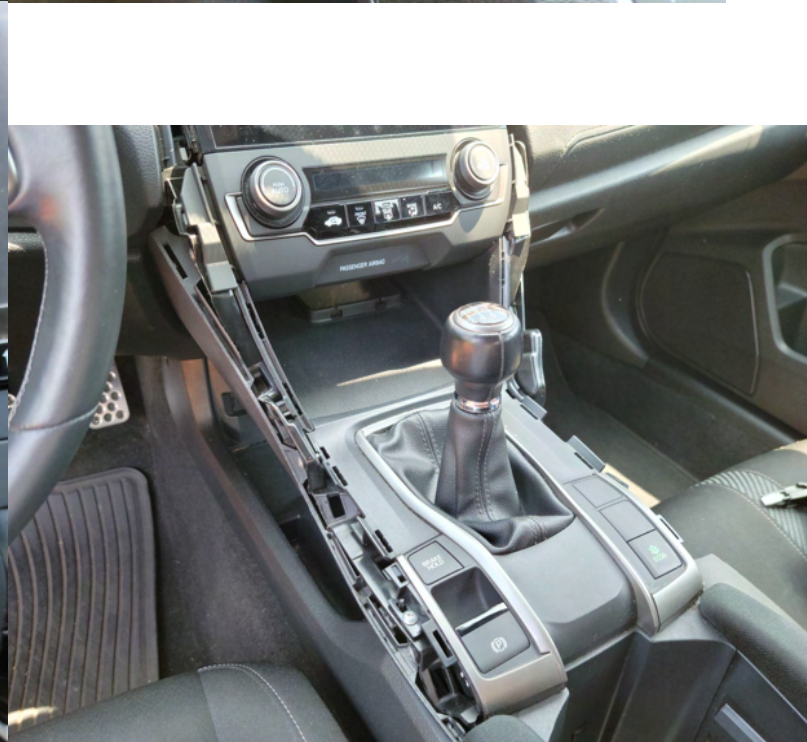
**AUDIO UNIT CONNECTOR A (24P) (Without Stereo Amplifier)**

Cavity	Terminal Name	Description
A1	GND	Ground for audio unit (G504)
A2	Not used	-----
A3	+B AUDIO	Continuous power source
A4	Not used	-----
A5	RL SPKR +	Outputs sound signal for left rear speaker and left rear tweeter
A6	RL SPKR -	Outputs sound signal for left rear speaker and left rear tweeter
A7	RR SPKR +	Outputs sound signal for right rear speaker and right rear tweeter
A8	RR SPKR -	Outputs sound signal for right rear speaker and right rear tweeter
A9	Not used	-----
A10	Not used	-----
A11	Not used	-----
A12	K LINE	Detects scan tool signal (serial data)
A13	Not used	-----
A14	B-CAN_H	Communication signal
A15	FL SPKR +	Outputs sound signal for driver's door speaker and left front tweeter
A16	FL SPKR -	Outputs sound signal for driver's door speaker and left front tweeter
A17	FR SPKR +	Outputs sound signal for front passenger's door speaker and right front tweeter
A18	FR SPKR -	Outputs sound signal for front passenger's door speaker and right front tweeter
A19	Not used	-----
A20	Not used	-----
A21	Not used	-----
A22	VSP	Inputs vehicle speed pulse
A23	ACC	Power source for accessories
A24	B-CAN_L	Communication signal

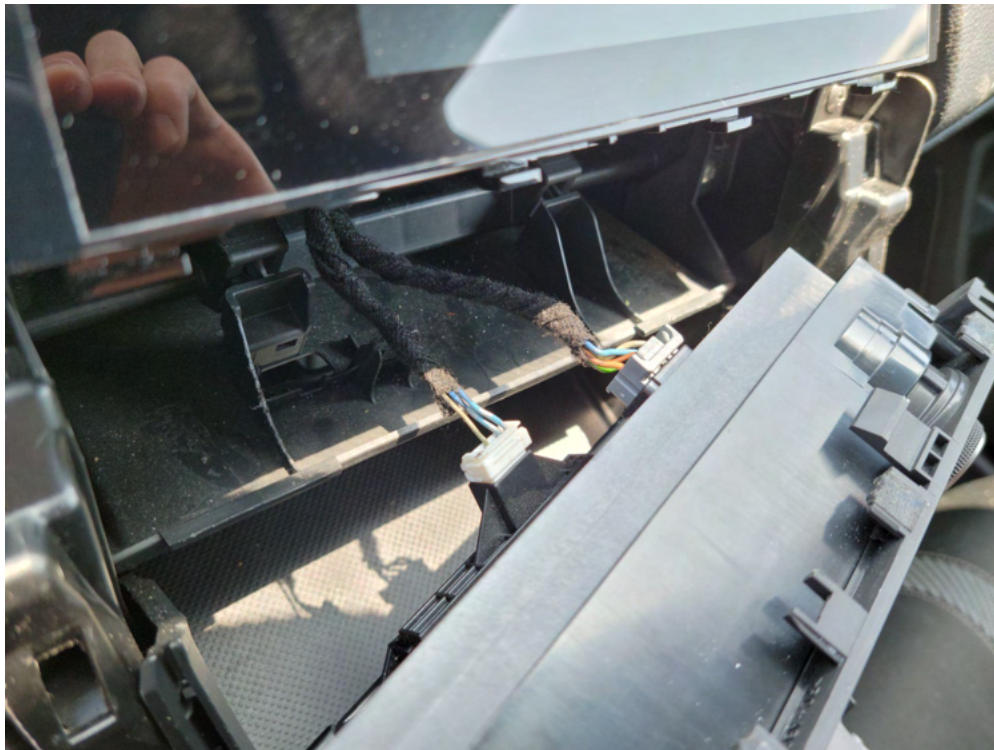
- I. Head Unit
  - A. Supported Part Numbers (not comprehensive, may be more compatible models)
    - 1. 39101-TBA-A21
    - 2. 39101-TBA-A31
    - 3. 39101-TBA-A41
    - 4. 39101-TBA-A51
    - 5. 39101-TBC-A71
  
- II. AM/FM Tuner (optional) - used for functionality with AM/FM radio stations
  - A. Supported Part Numbers
    - 1. 39800-TBA-A11
    - 2. 39800-TBA-A21

## Installation Instructions

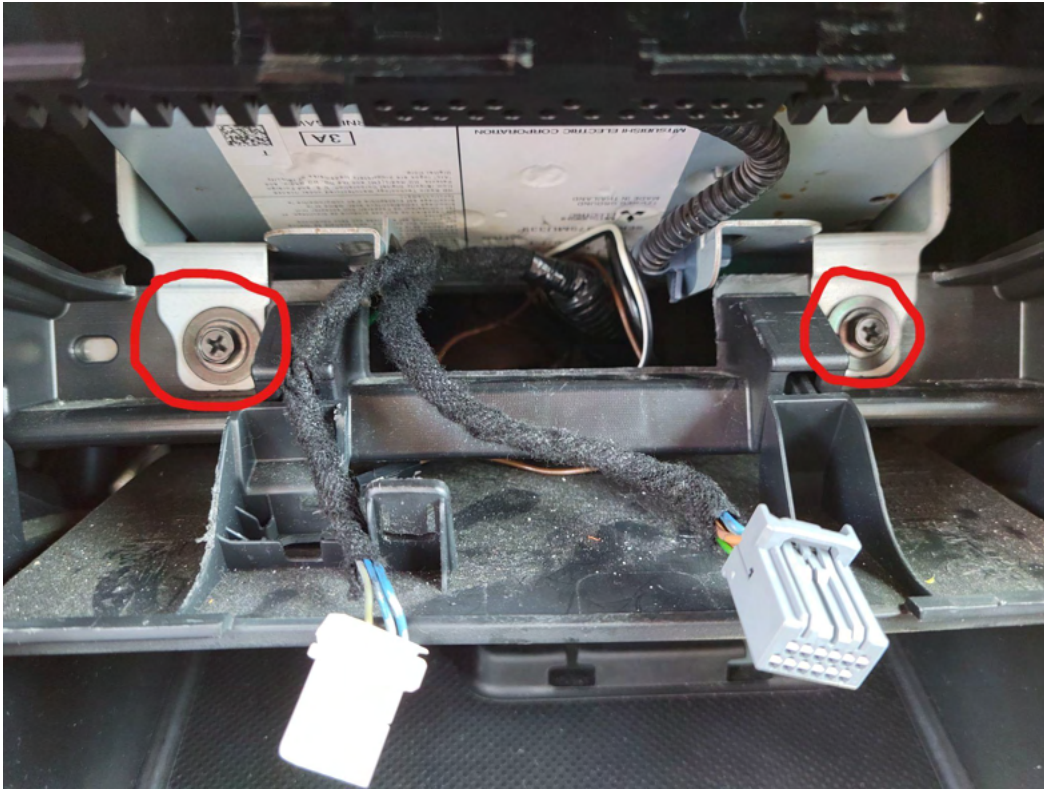
1. **Disconnect battery cables.**
2. **Remove center console side trim pieces by prying up at the red circled points with**
3. **a non-marring pry tool. (Both left and right trim pieces) \*Left side shown**



4. Pry up on the two circled tabs on the A/C control panel. A/C control panel should pop out and should allow you to disconnect the two connectors from the back of the panel.



5. Remove the two 10mm/Phillips Head screws circled in red.

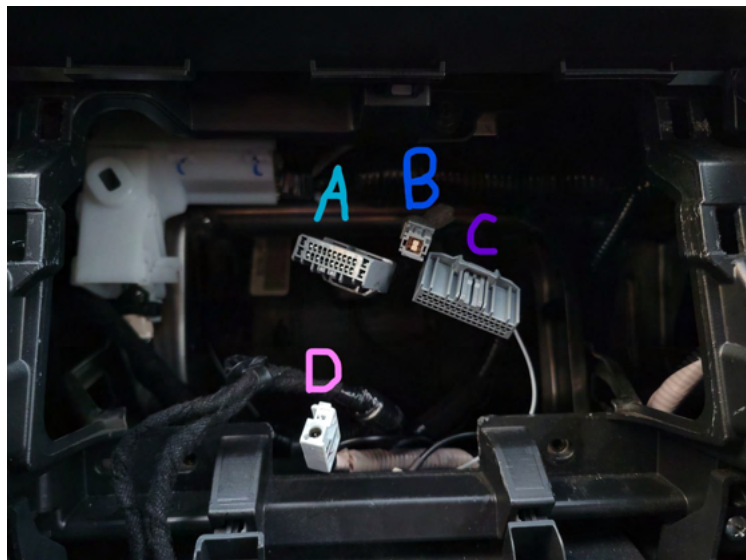


6. Pry up carefully on the headunit at the two circled points. You should hear a click or pop when you successfully pry up. At this point, you can pull the head unit out of the dashboard using the two points circled at the top of the head unit.

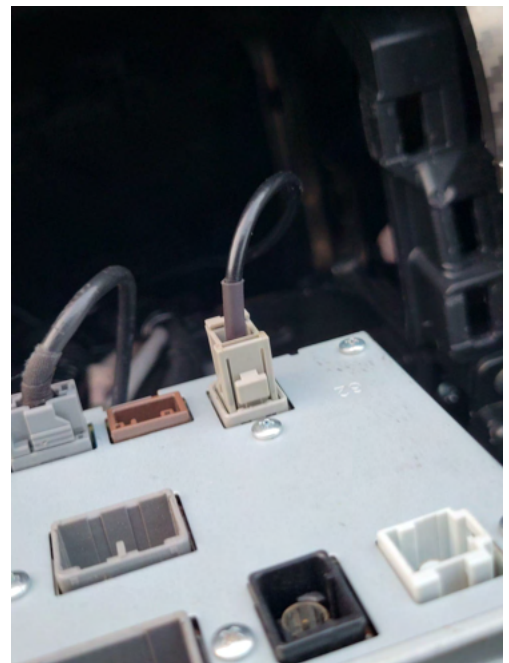
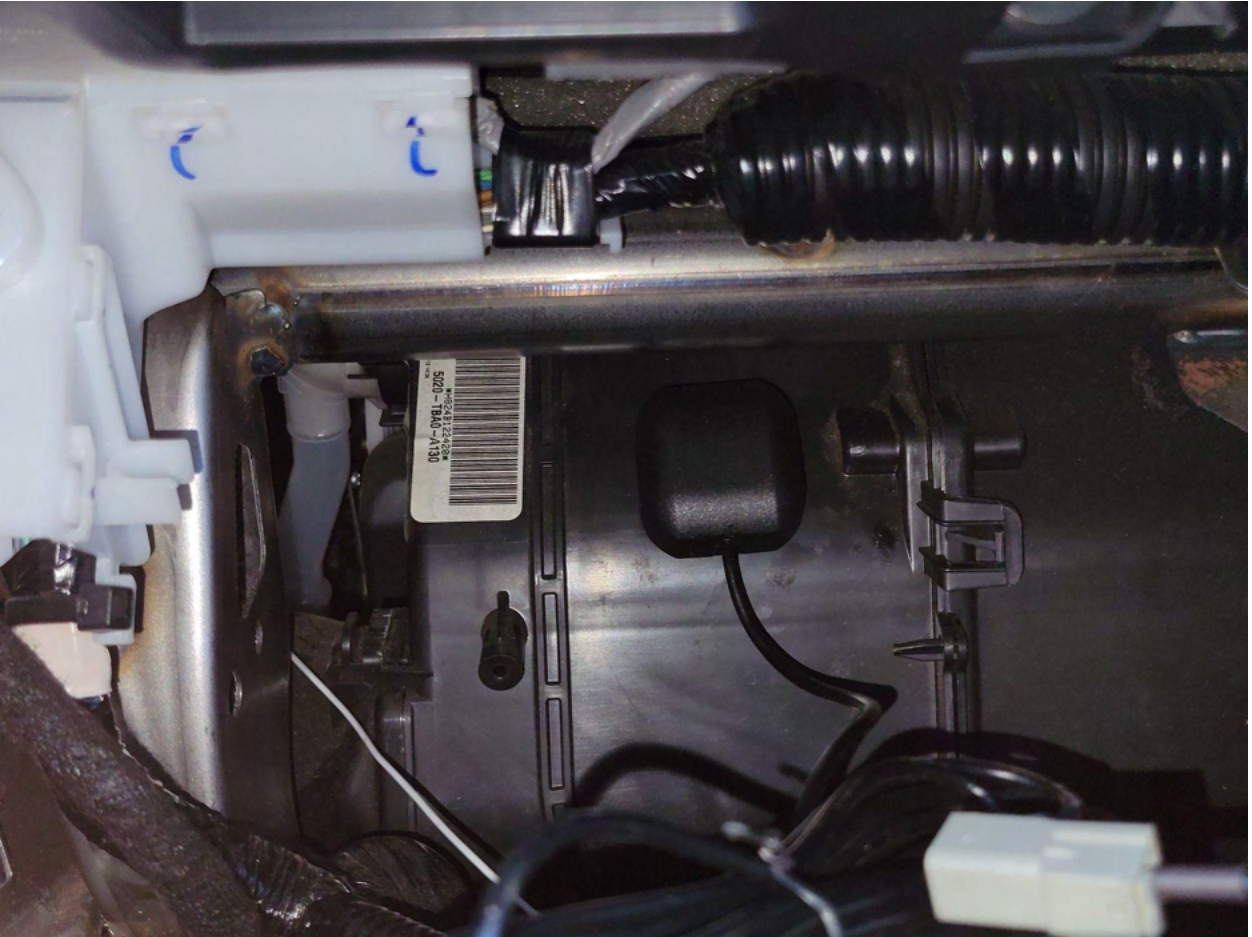




7. Remove all of the connectors out of the back of the OEM head unit. You should see these four and note them as they are labeled here.

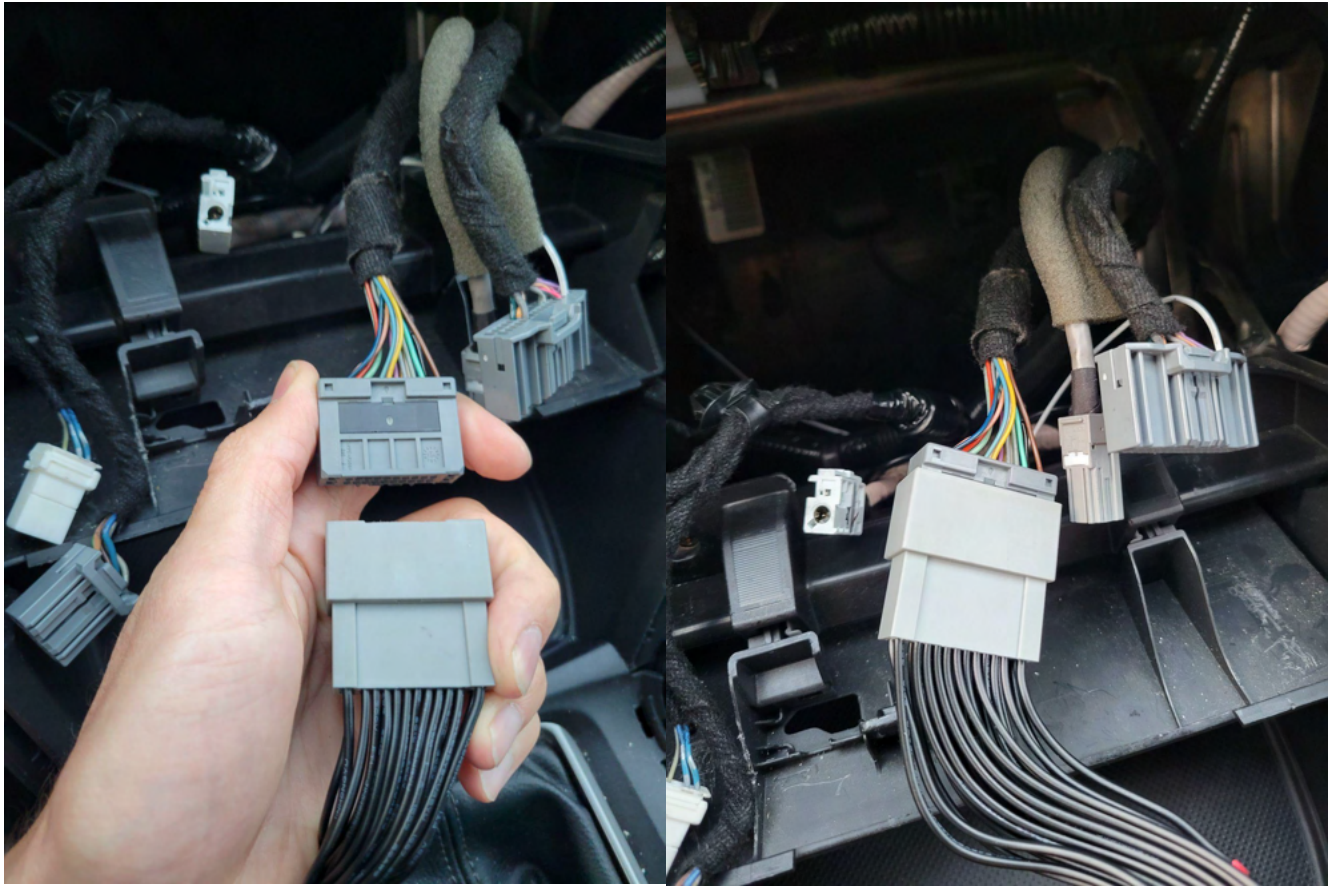


8. Now we start plugging things in. Double-Sided tape the GPS Antenna to this black part of the dashboard. The location below is an example. Connect the GPS Antenna connector to the back of the new head unit as shown.

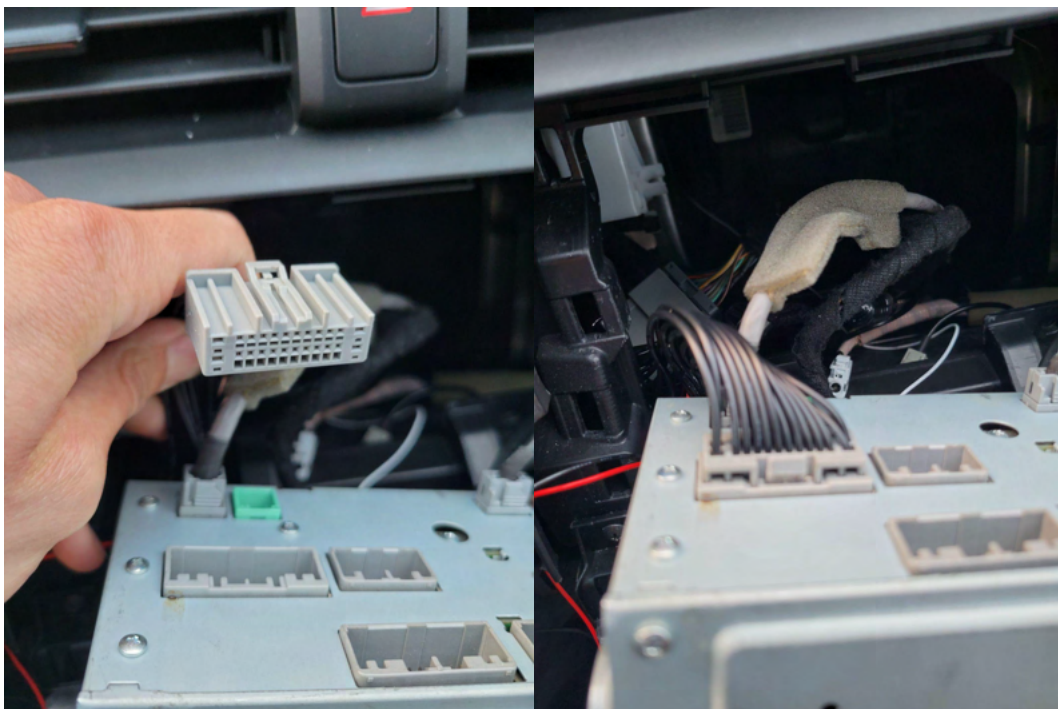




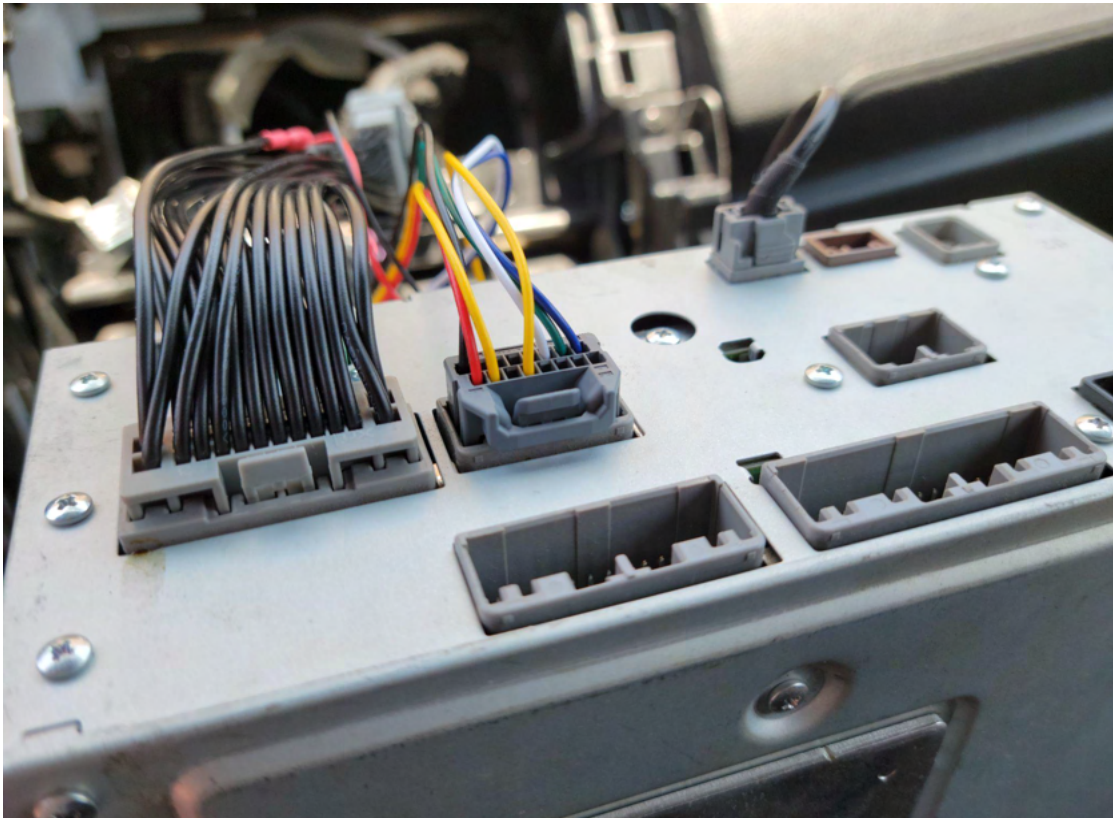
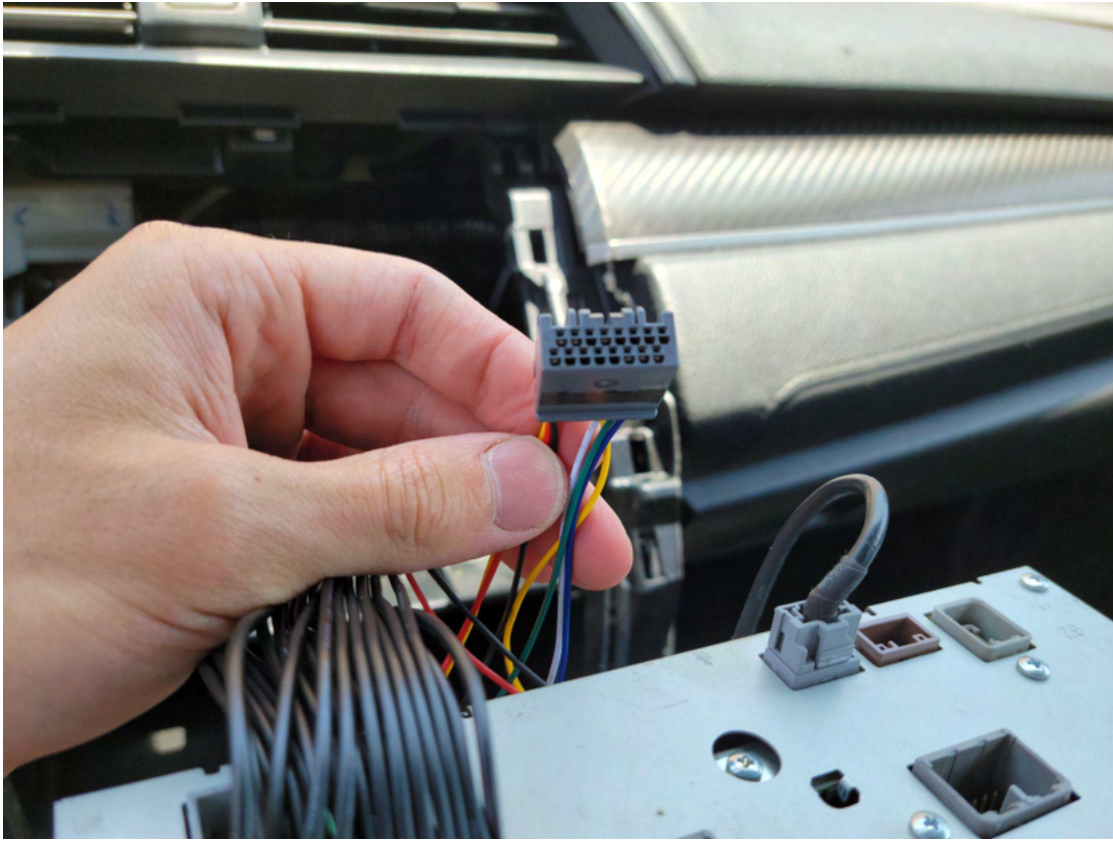
**9. Plug connector A into this part of the harness as shown.**



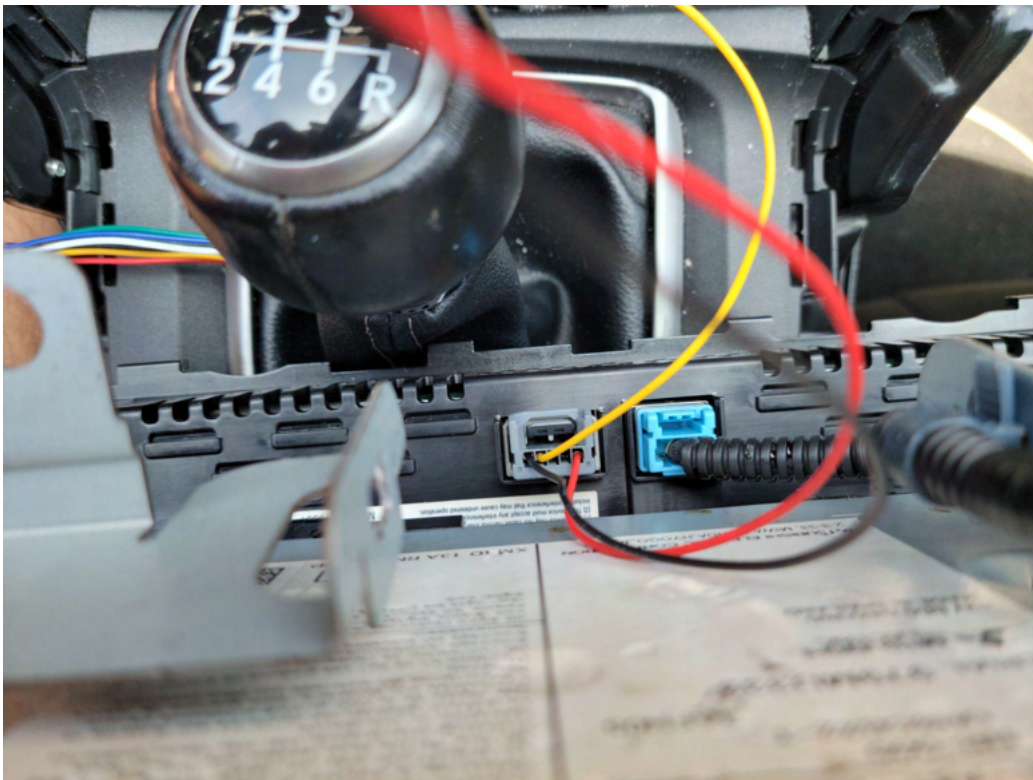
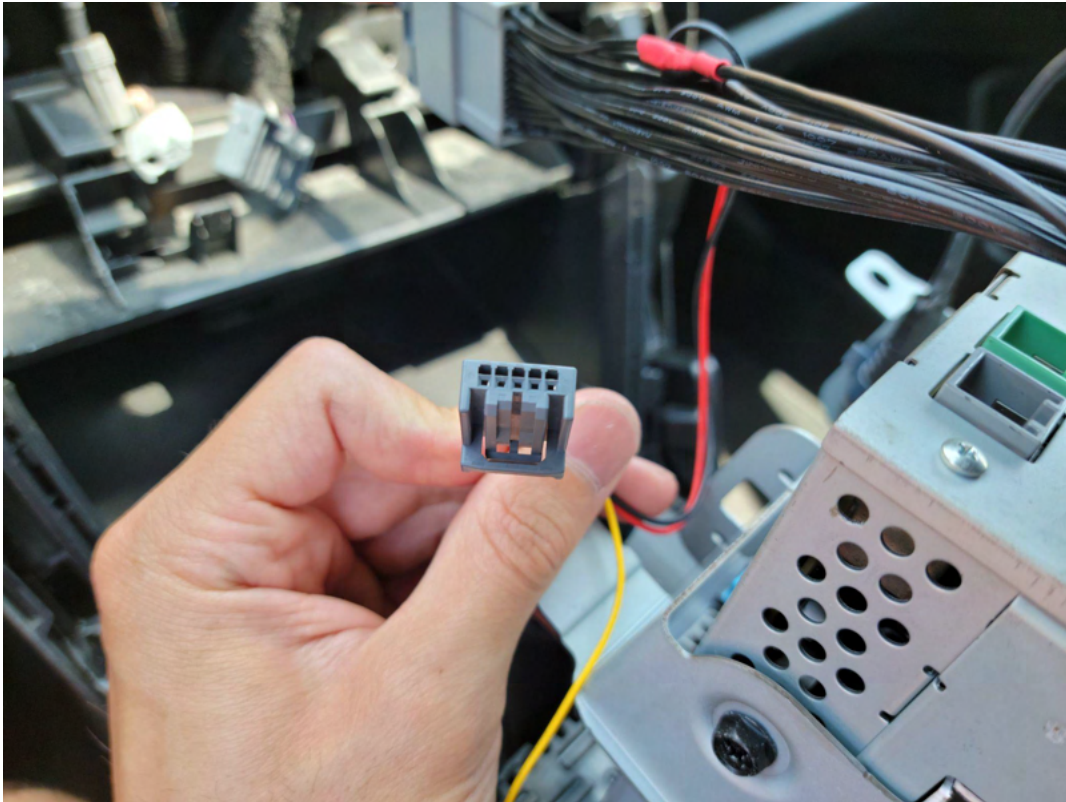
**10. Now plug that same harness into the back of the new head unit as shown.**



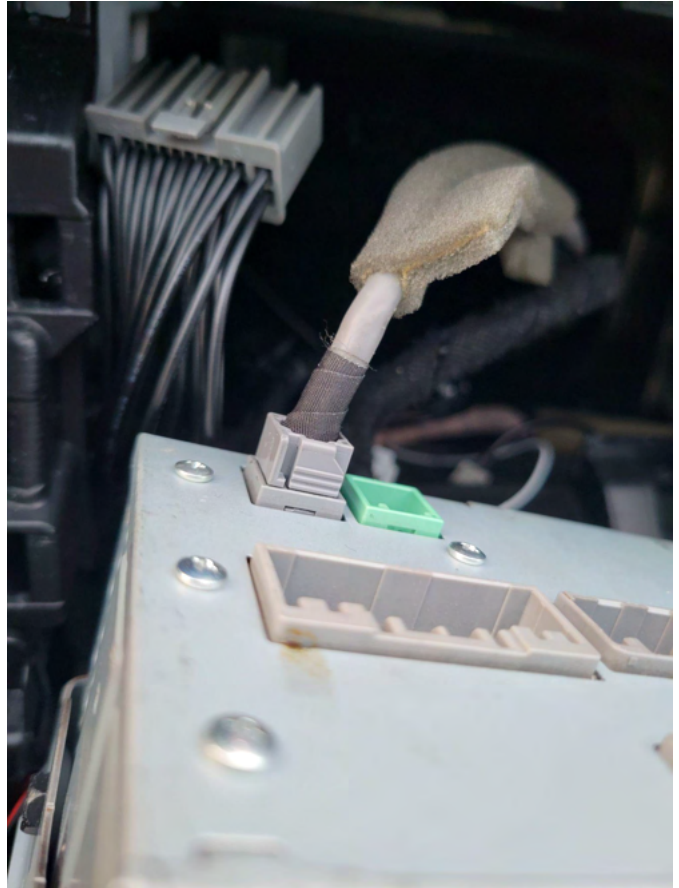
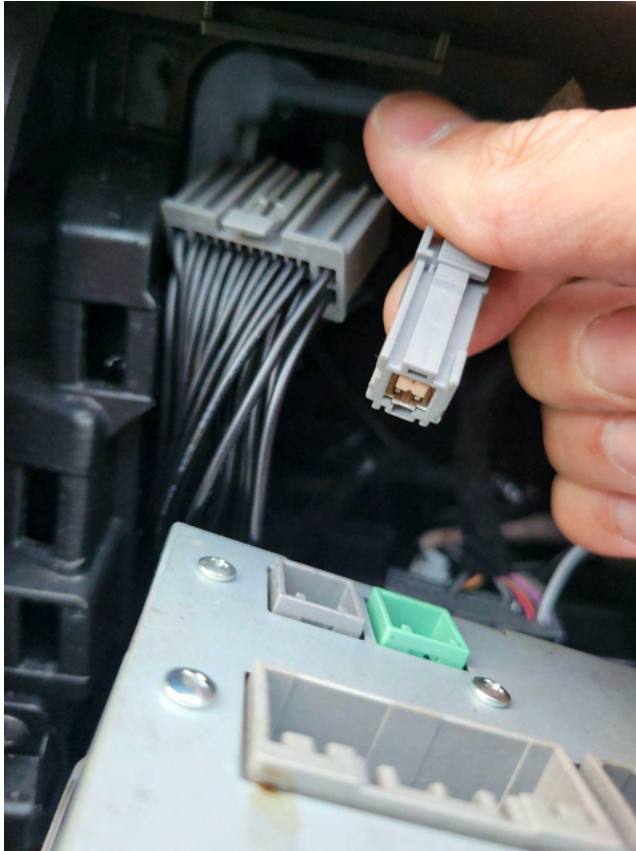
11. Take this end of the harness and plug it into the new head unit as shown.



**12. Then take this end of the harness and plug it into the new head unit display as shown.**

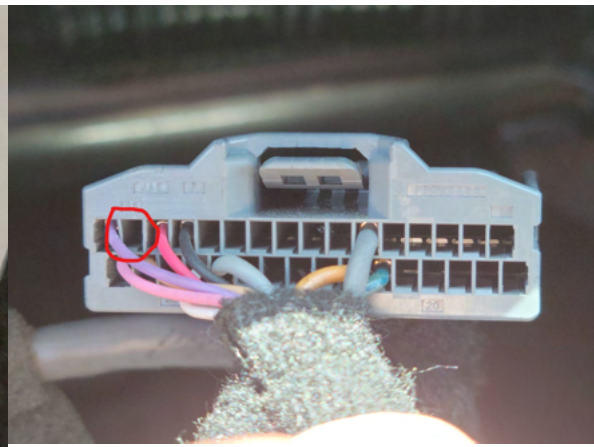
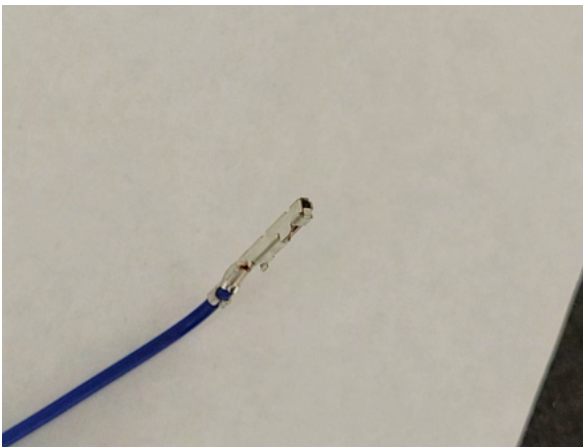


**13. Take connector B and plug it into the new head unit as shown.**

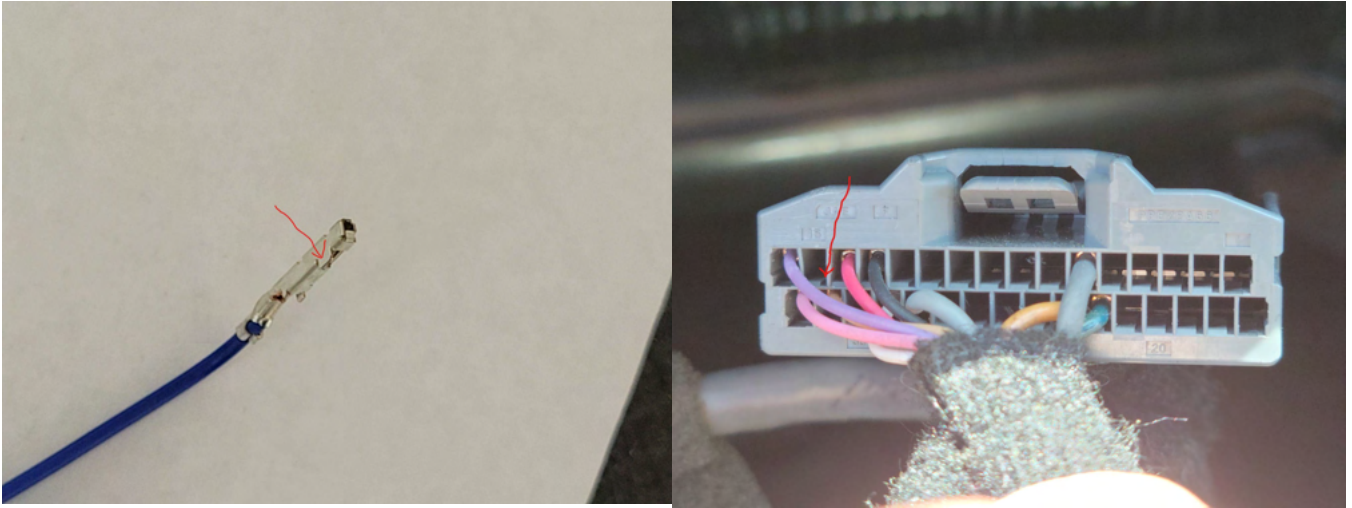


14. **\*This step is only required for reverse camera functionality. What we are essentially doing is installing a wire into connector C, and routing the other end of that wire to the drivers side kick panel to pick up the reverse signal.**

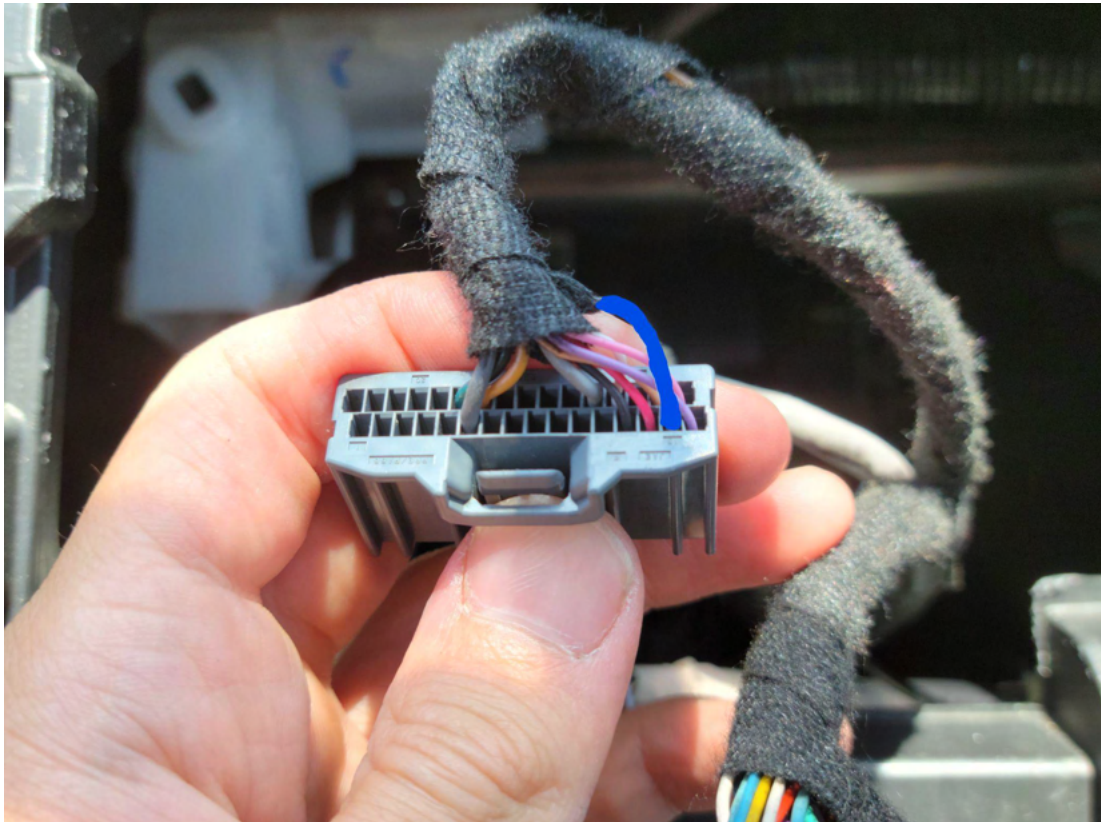
Take this end of the reverse wire included with your purchase and insert it into the red circled opening on connector C.



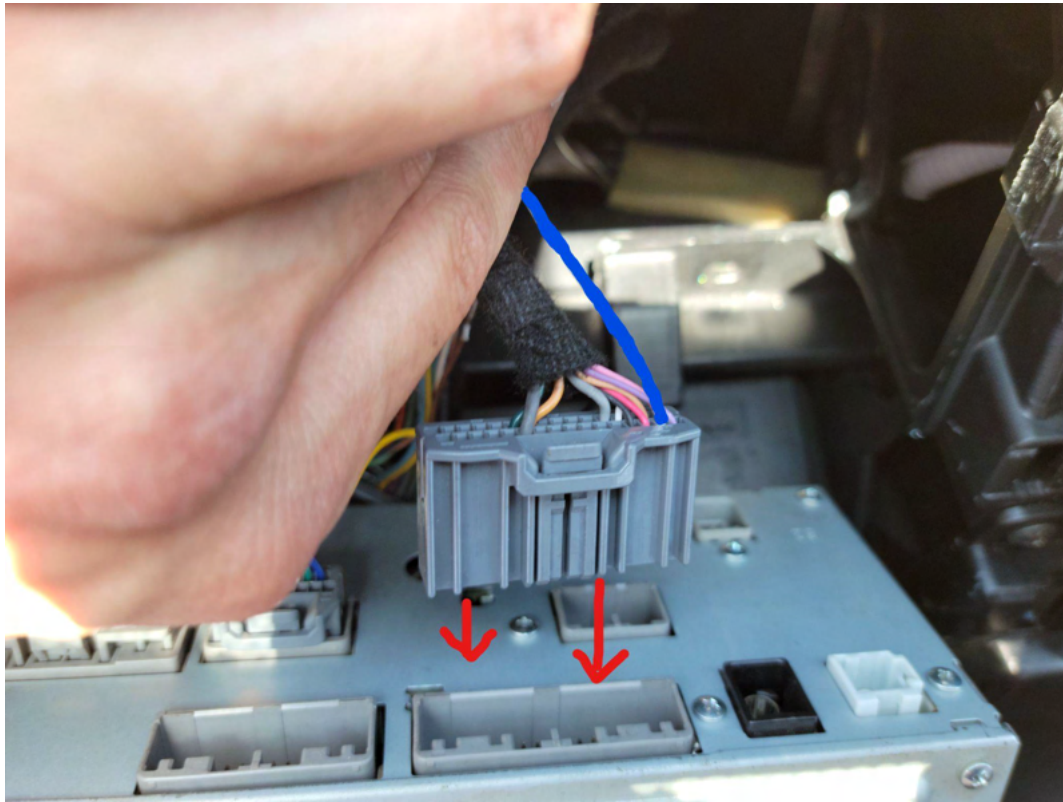
**Note:** Be sure to line up the protrusion on the reverse wire pin with the corresponding indent in connector C. The protrusion and the corresponding indent are shown below with red arrows.



**Note:** Pin is fragile and can be damaged with improper installation. It is best to push the pin in firmly with a small flathead screwdriver or other fine tool. Double check the pin seated fully.



Now insert this connector C with the reverse wire installed into the back of the new head unit.



Now we need to route the other end of the wire to the driver's side kick panel. There are several different ways to route the wire, however, this method works well. Take the wire and route it through the area pictured. You should be able to pull it out from the other side as shown, and then route it across the drivers side footwell moving left towards the kick panel. **(Ignore the fact that the wire color has changed to white)**





Remove the foot skid plate by pulling up on it with your hands.



Remove the kick panel by pulling on it with your hands. You should see a loom of wires under some plastic sheathing.

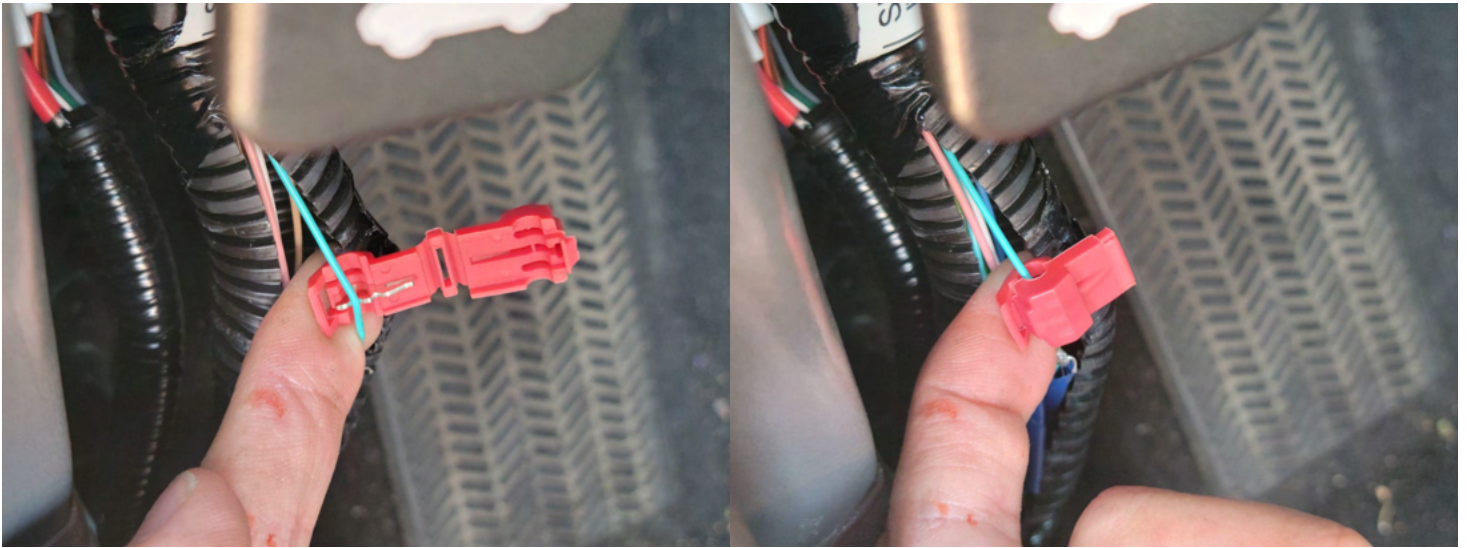




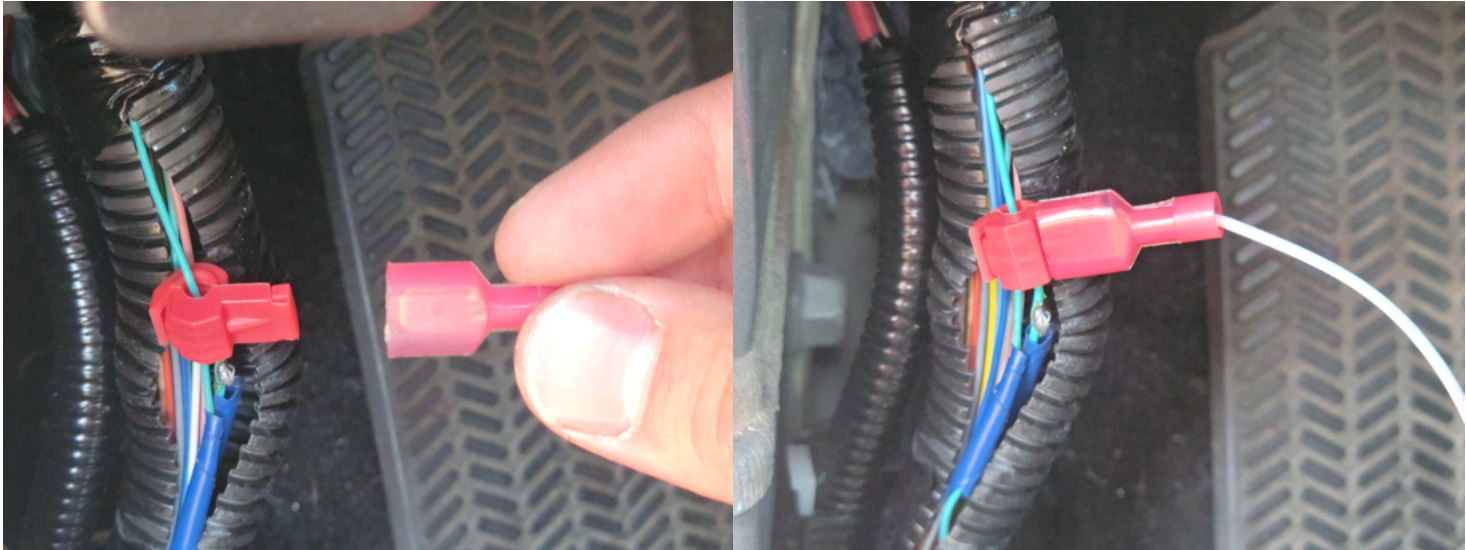
Under the plastic sheathing, you should be able to identify two mint green wires. One of these two wires is the correct one for our reverse signal. The plan is to try one wire to see if the reverse signal works, if not, then we can use the second wire.



Use the included red T-Tap connector to tap into one of the mint green wires. Position the wire into the T-Tap as shown, and clamp the T-Tap together.



Once you have done this, you can connect the reverse wire spade connector to the T-Tap Connector.

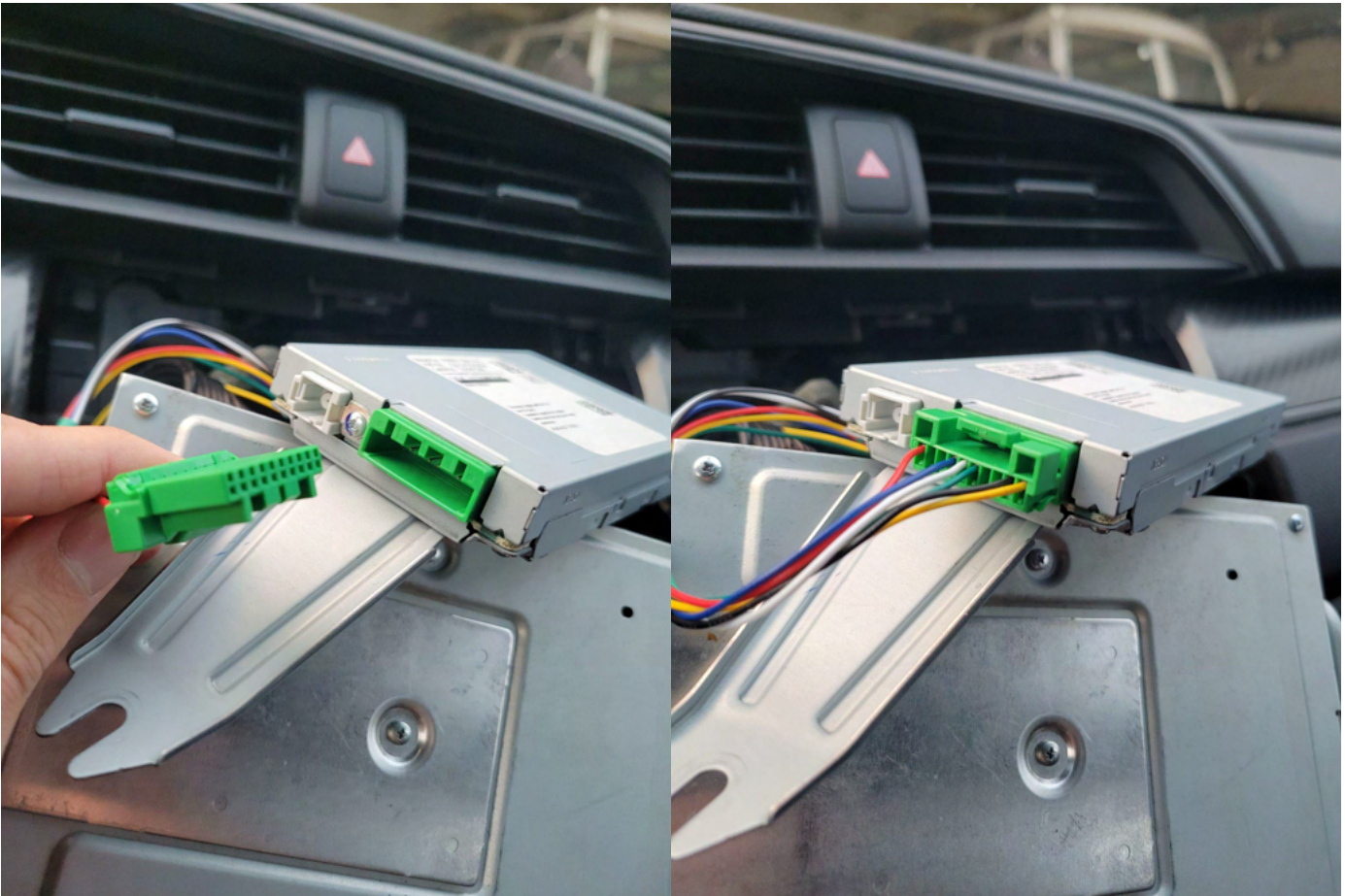


Now you can tuck/hide the wire however you like. Easiest to hide it above the plastic panel pictured below.

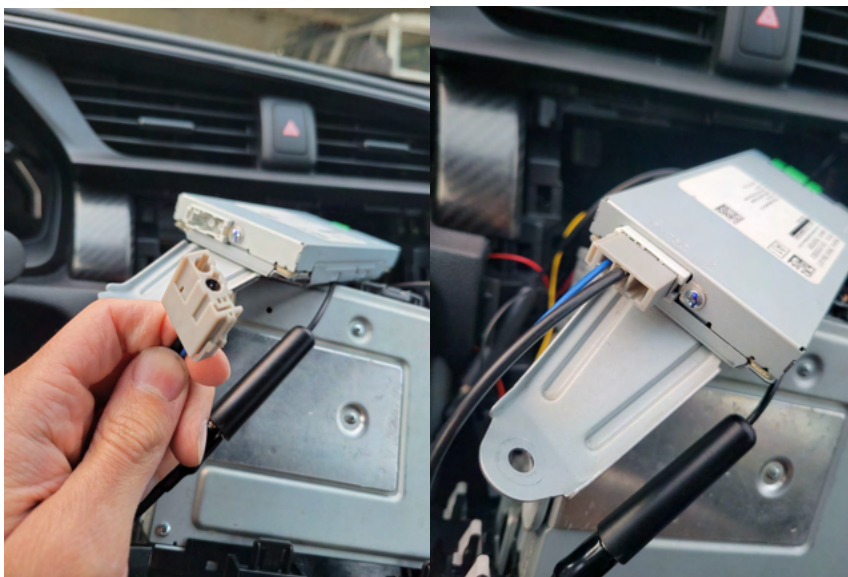


Reinstall drivers side kick panel and foot skid plate. Reverse wire installation is complete. If after powering the unit up and selecting reverse the camera does not show up, Remove the T-Tap connector and try the second mint green wire.

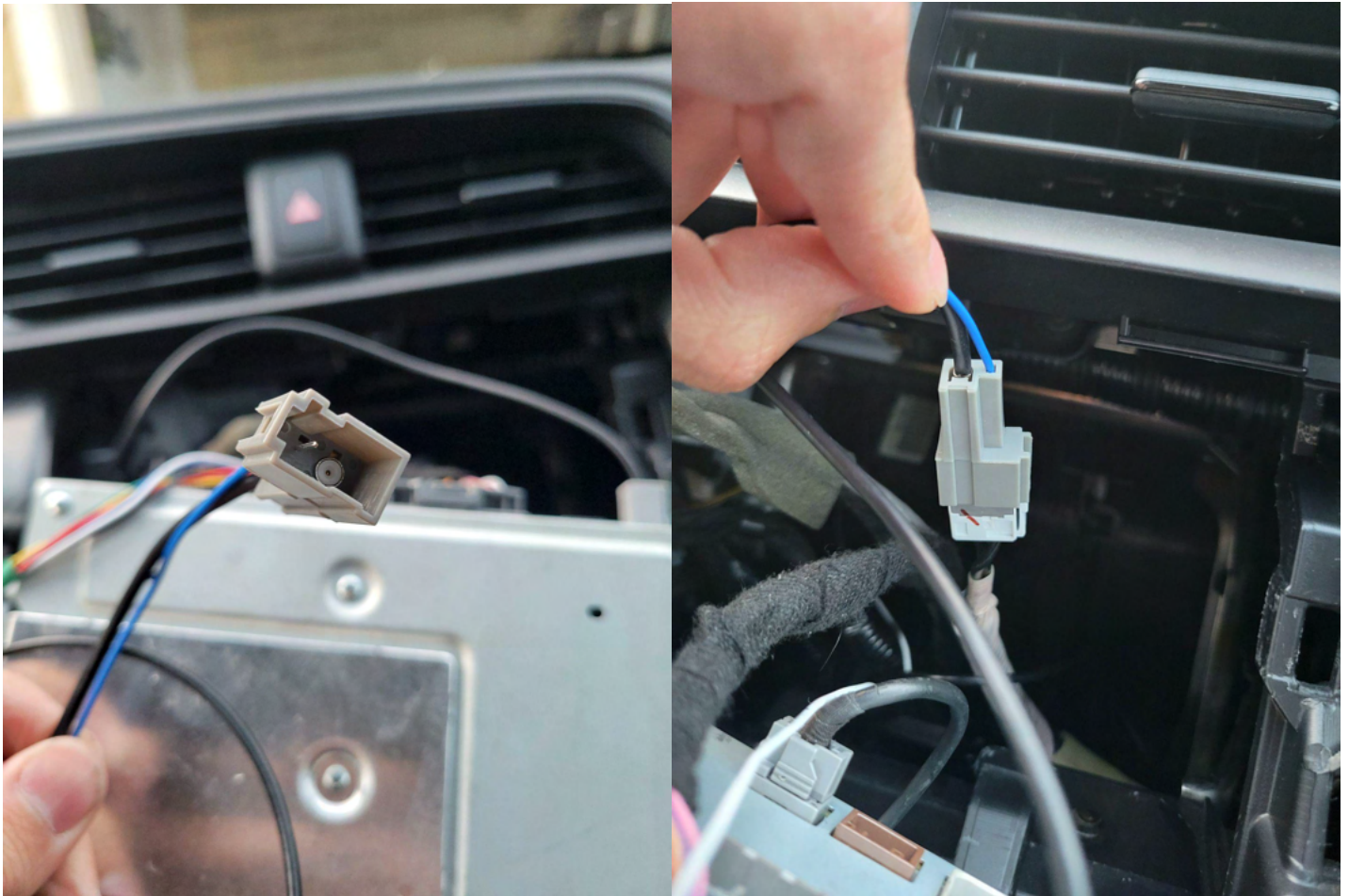
**15. Connect the green connector from the harness into the AM/FM Tuner as shown**



**16. Connect this end of included wire into AM/FM Tuner as shown.**



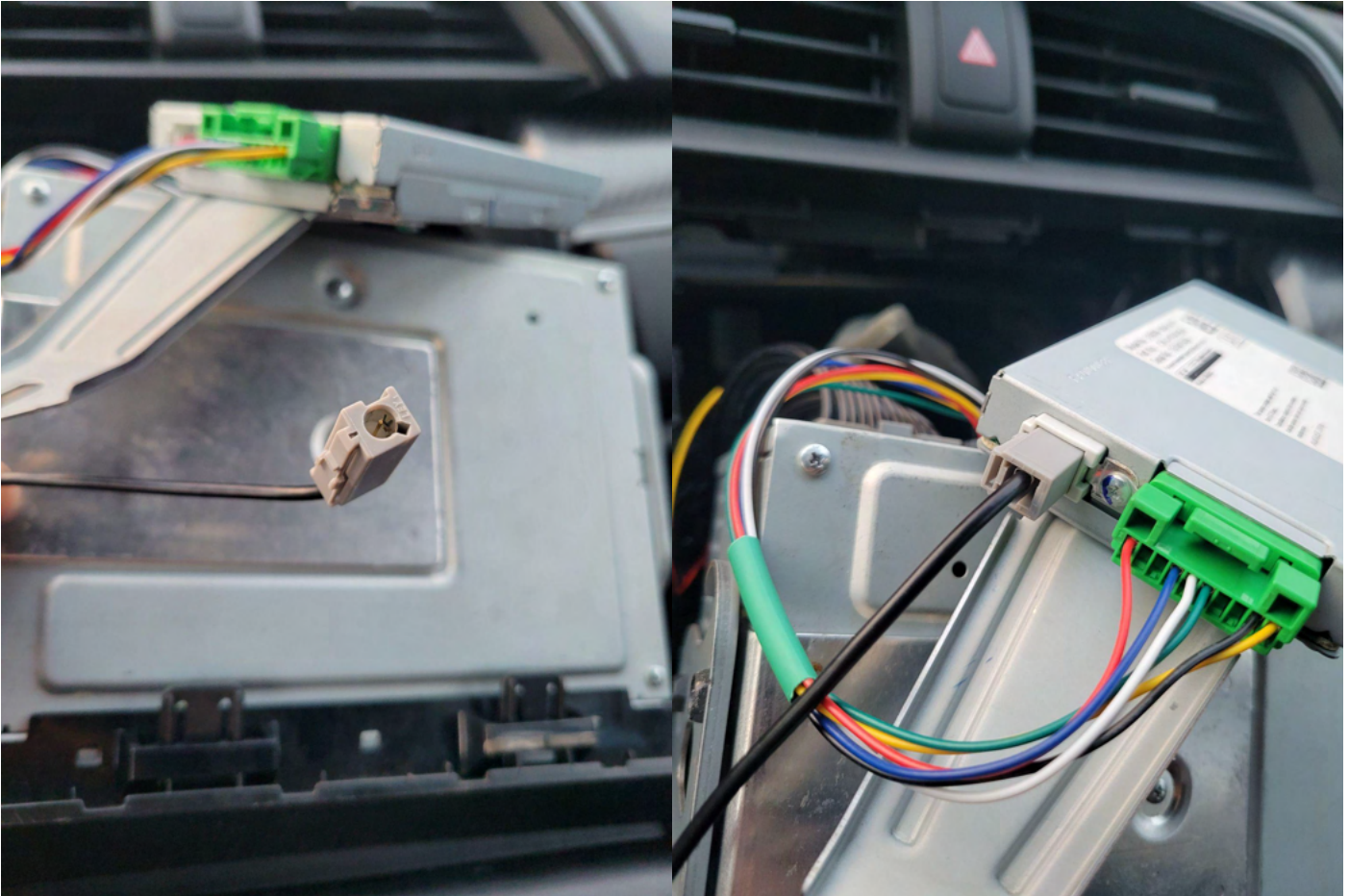
**17. Now take the other end and connect it to connector D as shown.**



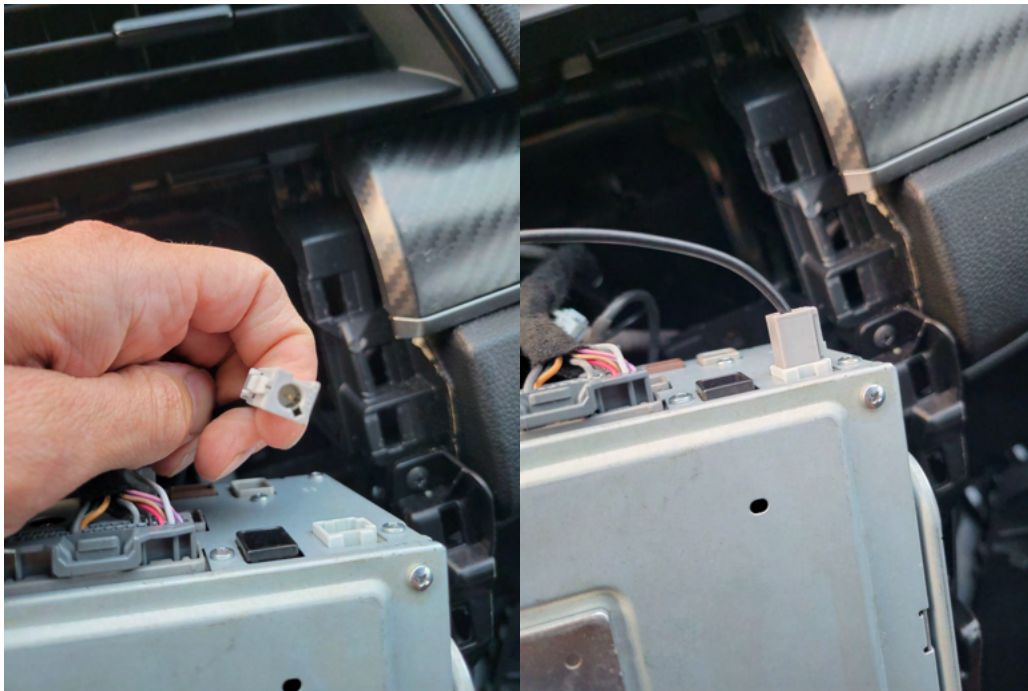
**18. Identify the included AM/FM antenna wire**



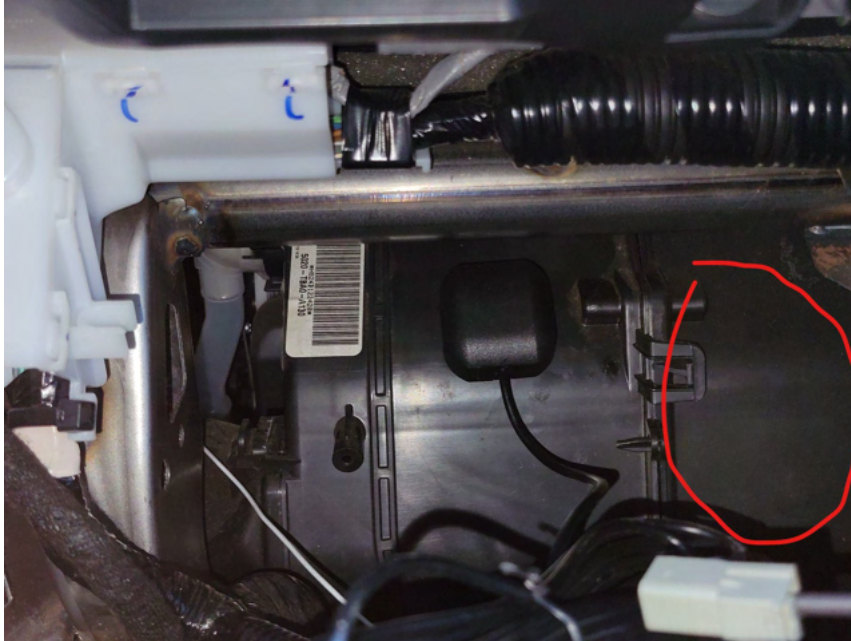
**19. Take one end of the included antenna wire and plug it into the AM/FM Tuner as shown.**



**20. Take the other end and plug it into the new head unit as shown.**



21. Now you can double sided tape the AM/FM Tuner in a location behind where the new head unit is going to be placed. The area circled in red is an example. It might be easier to remove the two metal brackets from the AM/FM Tuner if they are included with yours.

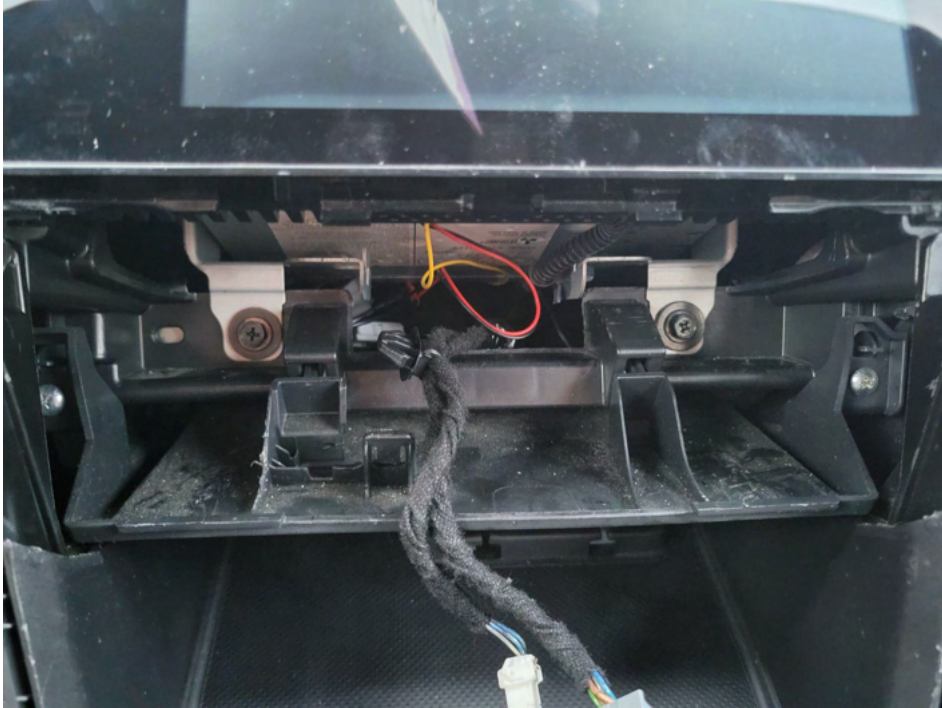


22. Carefully tuck all of the wires into the area behind where the new head unit is going to sit. Make sure you are not pinching, tugging, or putting any excess stress on the wires where you place them. **Pinching wires may cause a short!**

23. Install the new head unit into its place in the dashboard. Line up the headunit in position and push in with your hands at both red circled points. The Head Unit should click into place.



**24. Reinstall the two phillips head screws pictured below.**



**25. Plug AC Control Panel connectors back in as shown below.**



**26. Reinstall the AC Control Panel by clicking it into place.**





**27. Reinstall center console side trim pieces. Note: it may be easier to remove the center console armrests first and then reinstall the trim pieces as shown below.**



**28. Reconnect battery cables. At this point you can power the vehicle on and check the functionality of the new head unit. You will probably be met with an anti-theft code screen so be sure you have the code otherwise the head unit will not function.**

