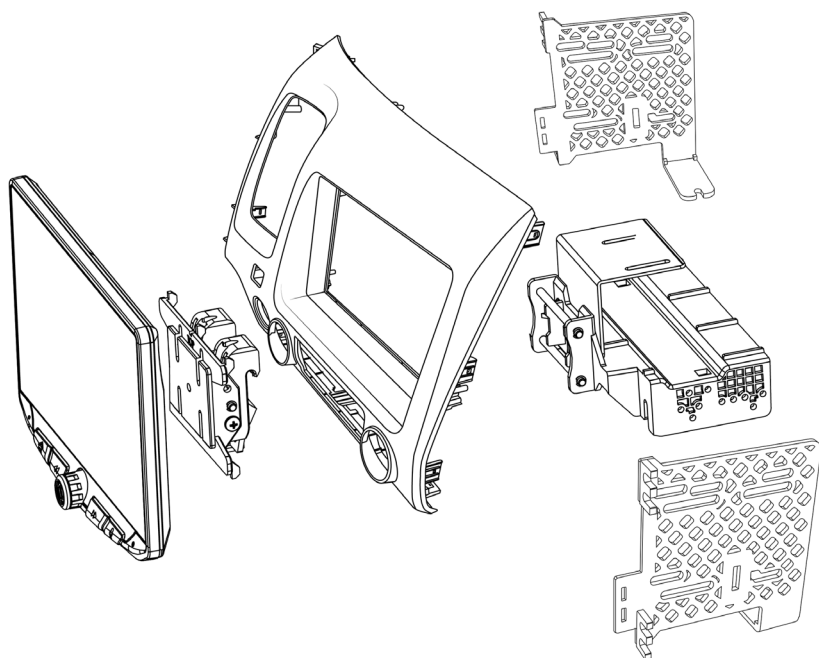


2006-2011 Honda Civic 10" Multimedia Infotainment System Installation Guide



NOTE! Read this installation guide thoroughly before disassembling the vehicle or making wire connections. Installation of this product requires technical skill, experience, and specialized tools. If you feel uncomfortable performing the steps outlined in this manual, please have this product professionally installed by an authorized Stinger or Phoenix Gold Dealer.

A video installation guide is available at:
<https://stingerelectronics.com/installvideos>



Contents

Kit Components.....	3
Vehicle Disassembly.....	4
Wire Connections.....	8
Vehicle Wire Connections.....	10
GPS Antenna / USB Ports.....	12
Radio & Display Assembly.....	14
Radio/Panel Assembly.....	16
Vehicle Installation.....	18
Function Test.....	21
Vehicle Reassembly.....	22



PRECAUTIONS

Disconnect the vehicle's negative battery cable before making any wire connections.

Protect all vehicle surfaces with tape or plastic.

Do not install components in any location that will hinder vehicle operation, such as steering wheel, gearshift, air bags, hazard switch.

Bundle cables and harnesses with electrical tape or wire ties to prevent them from interfering with moving parts.

Never attempt to disassemble or modify the product. Otherwise, an accident, fire or electric shock may result.

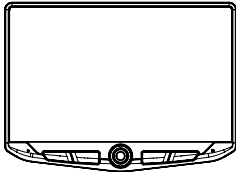
Exposed wires must be insulated with electrical tape. Otherwise, a short circuit, fire, or electric shock may result.

To prevent damage to the vehicle, confirm the locations of hoses, electrical wiring, and the fuel tank prior to drilling holes to install this product.

When it is necessary to replace the fuse, always use a fuse of the correct rating (number of amperes). Use of fuses with higher amperage ratings may cause a fire.

Kit Components

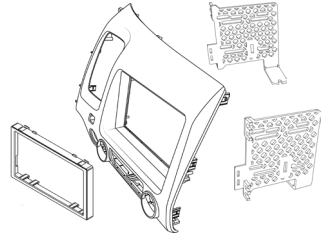
NOTE! This installation guide outlines basic installation. For any additional features, adding a rear camera or amplifier, please refer to the additional instructions included with each component.



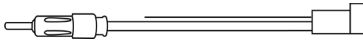
Stinger UN1810
10" Multimedia System



HWH812 Honda
17 Pin Vehicle Plug



HONK838
Radio Mounting Kit



HO6 Honda
Antenna Adapter



SSUSB2
Dual USB Extension

Recommended Tools

Digital Multimeter
Plastic Trim Tool
8mm Socket
Socket Extension
Ratchet
Phillips Screwdriver

Wire Crimpers
Pliers
Battery Terminal Wrench
Pick Tool
Wire Connectors
Zip Ties

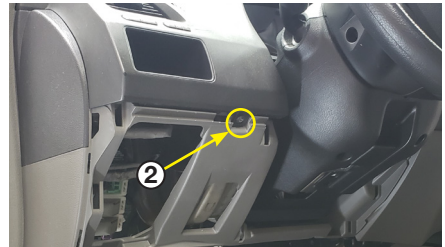
NOTE! Before starting disassembly, remove Negative Battery Cable.
Protect vehicle surfaces with removable tape and/or towels.
Place removed vehicle parts in a safe place.

Vehicle Disassembly

1. Remove the knee bolster panel below the steering wheel. Start at the bottom of the panel, pull away from the dash to release the retaining clips.



2. Remove the Phillips screw to the left of the steering column.



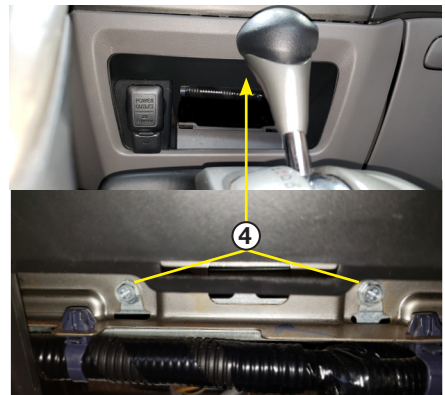
3. Lower the steering wheel to its lowest position to remove the gauge cluster trim panel. Start on the left side, and pull the panel toward the rear of the vehicle.

When removing the right side, hold the air vent while releasing the right side retaining clips.

Unplug the wire harness(s) connected to the left side of the trim panel.



4. Up inside the center pocket, below the radio/climate control, remove the two 8mm bolts.

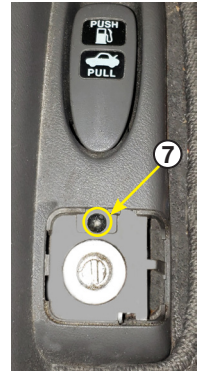
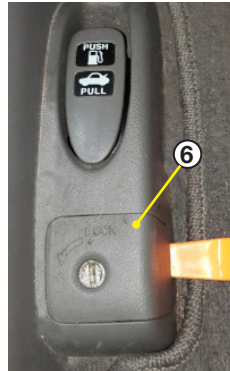


Vehicle Disassembly

5. Pull out the radio/climate control assembly. Disconnect all the connectors plugged into the back of the assembly.

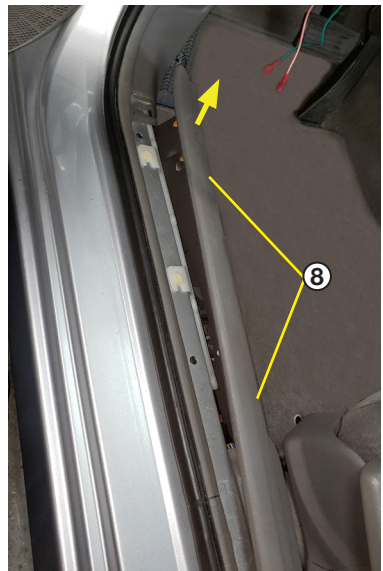


6. Using a plastic trim tool, remove the small plastic panel around the lock on the trunk release lever by the driver's door sill. Gently pry the right side up as shown.



7. Remove the Phillips screw.
Note: There are also 2 plastic clips holding this panel in place.

8. Pull upward on the door sill trim panel to release the plastic clips and detach it from the body. It is not necessary to remove it completely, just enough so the driver's kick panel can be removed.



Vehicle Disassembly

9. Pull the kick panel to the right, toward the center of the vehicle, to unclip the two plastic clips.

Carefully remove this panel by passing it over the hood release latch.

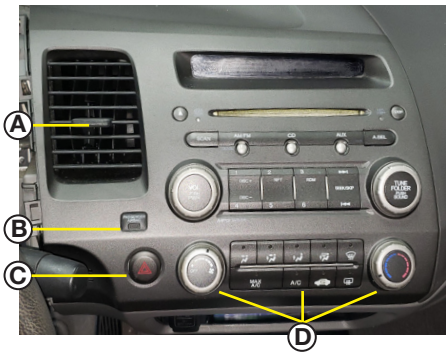


Transferring the Factory Panel Components

The following components will need to be removed from the factory radio/ climate control assembly and transferred to the HONK838 dash panel:

- A - Air Vent
- B - Passenger Air Bag Light
- C - Hazard Switch
- D - Climate Control Knobs/Buttons

NOTE: The following steps (1-6) should be performed on a work bench with a soft cloth surface to protect the panels.



Vehicle Disassembly

1. Remove the four Phillips screws around the climate control panel.

From the front of the radio panel, press on the center knobs to push the assembly out the back of the panel. The fan speed and temp control outer knobs will pop off when this is done.

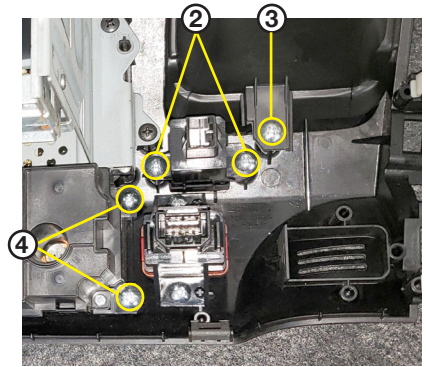


2. Remove the two Phillips screws on the passenger side air bag light.

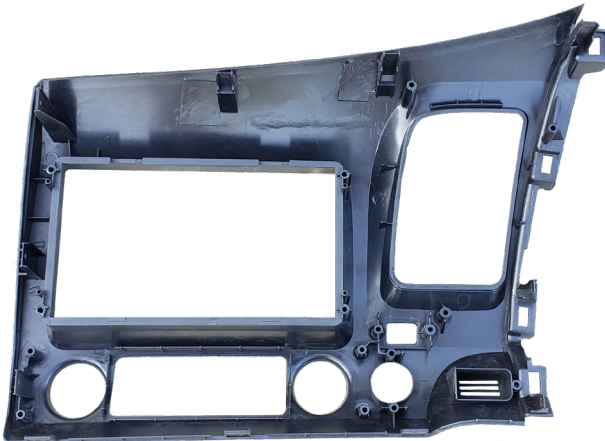
3. Remove the three Phillips screws holding the air vent (only one visible in image).

4. Remove the two Phillips screws on the hazard switch.

5. Remove all the plastic and metal clips from the factory panel and install in same locations on the HONK838 panel.



6. Using the factory screws, install the removed components into the same locations on the HONK838 panel.



Wire Connections

Parts Needed:

- H06 Antenna Adapter
- HWH812 Honda 17-Pin Vehicle Plug
- Pink, Green, Blue Extension Wires

From the HEIGH10 Box:

- ▶ 16-Pin Power / Speaker Harness
- ▶ 10-Pin Multi Camera Harness (Optional, See 6 below)

** Refer to pages 18-20 in the HEIGH10 Installation Guide for harness names and illustrations*

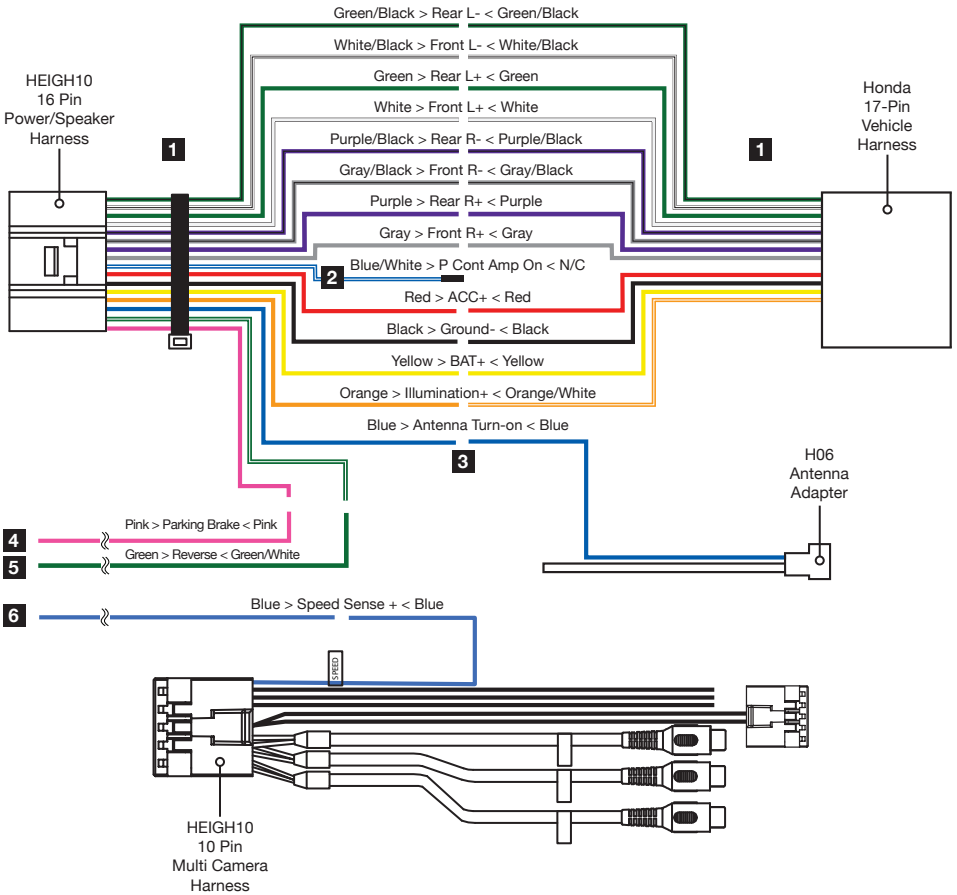
Referencing FIG A at right:

1. Connect the HEIGH10 16 Pin wires to the Honda 17 Pin Vehicle Plug color-for-color... White to White, White/Black to White/Black, etc.
2. Cap-off/insulate the HEIGH10 16 Pin Blue/White wire. This wire will not be used.
3. Connect the HEIGH10 16 Pin Blue wire to the Blue wire on the H06 Antenna Adapter
4. Pink Wire: Connect the Pink Extension Wire provided. The other end of the Pink lead will be connected in the vehicle.
5. Optional Green/White Wire: If adding a rear camera, connect the Green Extension Wire provided. The other end of the Green lead will be connected in the vehicle. Cap-off/insulate if not using.
6. Optional Blue Speed Sense Wire: If adding a front camera or adding HEIGH10 Navigation Card, connect the Blue Extension Wire provided to the Blue wire labeled SPEED on the HEIGH10 10 Pin Multi Camera Harness. The other end of the Blue lead will be connected in the vehicle. Cap-off/insulate if not using.

Connect and insulate all connections either by using insulated crimp caps or by soldering connection points and insulating with electrical tape or heat shrink. Any unused wire ends should be insulated.

Wire Connections

FIG A

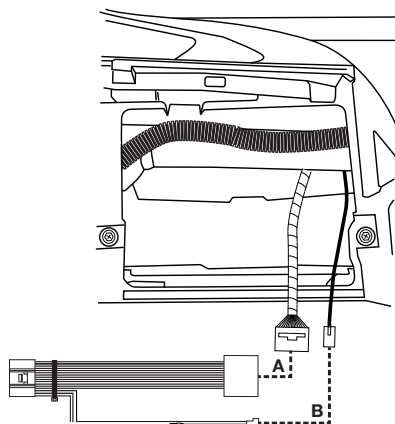


NOTE! These are the connections for the basic installation. There are additional harnesses included with the HEIGH10 kit (Amplifier, SiriusXM, Camera, Aux). If not being used, it is recommended to save these as they might be needed in the future.

Vehicle Wire Connections

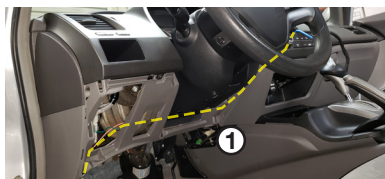
Once the HEIGH10 and Honda Vehicle Plug have been connected, inside the vehicle, locate the vehicle side 17 Pin radio harness. This is the harness that was plugged into the back of the factory radio. Plug the radio harness into the Honda 17 Pin Vehicle Plug (A).

Plug the antenna cable that was removed from the factory radio into the H06 Antenna Adapter (B).



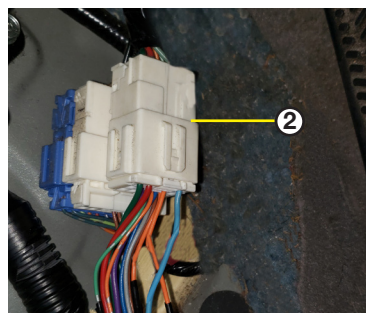
Connecting The Parking Brake Wire (Pink) And Optional Camera Reverse Wire (Green/White)

1. Route the Pink (and optional Green/ White) wires from the radio opening, across the lower dash, to the drivers kick panel.



Note: Fasten wires securely away from moving parts and sharp edges.

2. Locate the white 23 Pin plug low in the drivers kick panel.

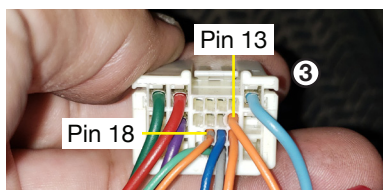


3. The Parking Brake wire will be either Pin 13 or Pin 18. (Light Green or Orange)

Using a multimeter, verify the parking brake wire. The correct wire will show Ground when parking brake is engaged.

Connect the Pink wire to the parking brake wire.

If adding a rear or front camera, proceed to Step 4.



Vehicle Wire Connections

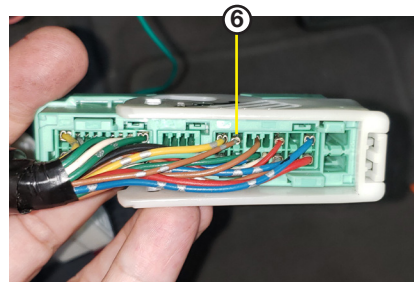
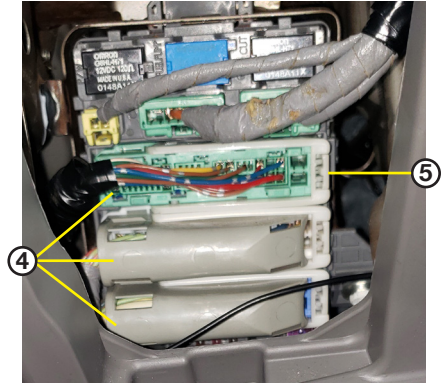
Connecting The Optional Camera Reverse Wire (Green/White)

4. Begin by disconnecting the 3 large plugs above the fuse box. Begin with the lower of the 3 connectors and repeat this process for all 3.

5. Press in on the tab on the right side of the connector, then swing the right side outward to remove.

6. Connect the Green/White Reverse wire to Pin 15 on the green 42-Pin plug.

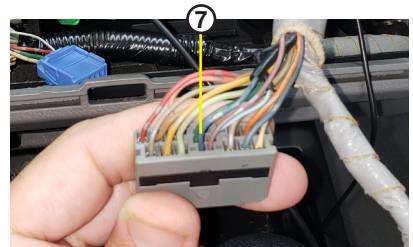
In 4-door vehicles this wire will be Brown.
In 2-door vehicles this wire will be Violet.



Connecting The Optional Speed Sense Wire (Blue)

If adding optional front camera or Stinger Navigation, the speed sense wire will need to be connected.

7. Connect the Blue Speed Sense wire from the HEIGH10 10 Pin Harness to the Blue wire in Pin 13 of the 17 Pin radio plug located behind the radio. Pin 13 is middle of connector, bottom row.



GPS Antenna / USB Ports

Parts Needed:

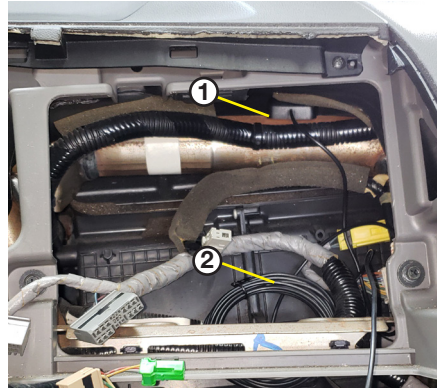
- SSUSB2 Dual USB Extension

From the HEIGH10 Box:

- ▶ GPS Antenna

The GPS Antenna is required for proper operation of Apple CarPlay and Android Auto.

1. Place the GPS antenna, facing up, on the metal bar above the radio location. Leave enough cable to plug the blue connector into the back of the radio module.
2. Bundle and secure excess cable in the back of the radio opening.



The SSUSB2 Dual USB is designed to extend the two USB ports on the back of the HEIGH10 to where they are accessible once the radio is installed.

Apple CarPlay, Android Auto, and any Firmware Updates require access to a USB port. Refer to page 17 in the HEIGH10 Installation Guide for more information regarding the USB Ports.

In this section we will show how to replace the original 12 volt power outlet with the dual USB port.

You may chose to follow these steps, or mount the dual USB port somewhere else in the vehicle.



GPS Antenna / USB Ports

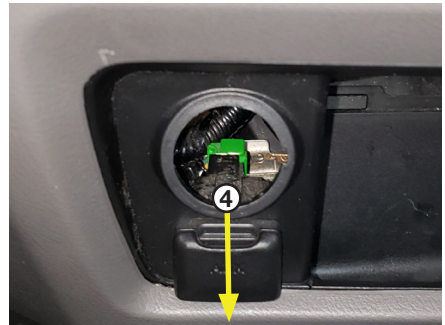
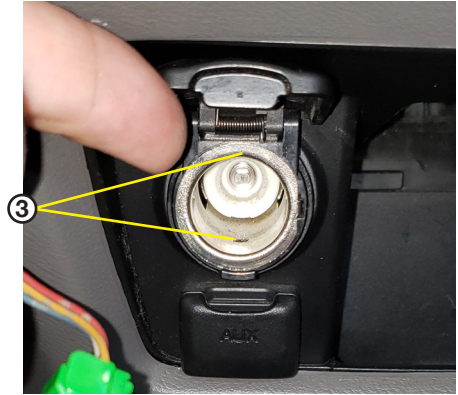
3. To remove the factory power outlet, use a pick tool to press the two locking tabs (top and bottom) from inside the power outlet.

Press and pull out on the inner metal sleeve. Once removed, unclip 2-Pin power harness.

4. After the metal sleeve is removed, reach inside the plastic sleeve and pull it from the dash.

Feed the 2 USB cables from the dual USB port through the opening, and route them to the inner dash where the radio will be mounted.

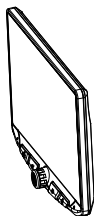
Thread the cables through the locking nuts and tighten nuts. Tighten the first nut, then tighten the second nut to prevent rotation.



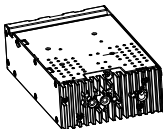
Radio & Display Assembly

Parts Needed:

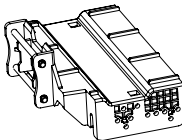
From the HEIGH10 Box:



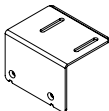
HEIGH10 Display



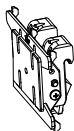
Radio Module



Plastic Mounting Bracket



Metal Mounting Bracket



Display Mounting Clamp



M4 x 6 Screws (4)

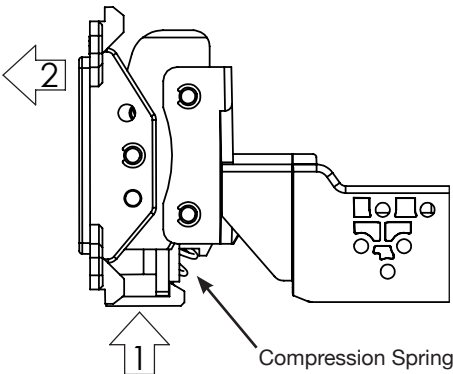


M4 x 14 Screws (4)



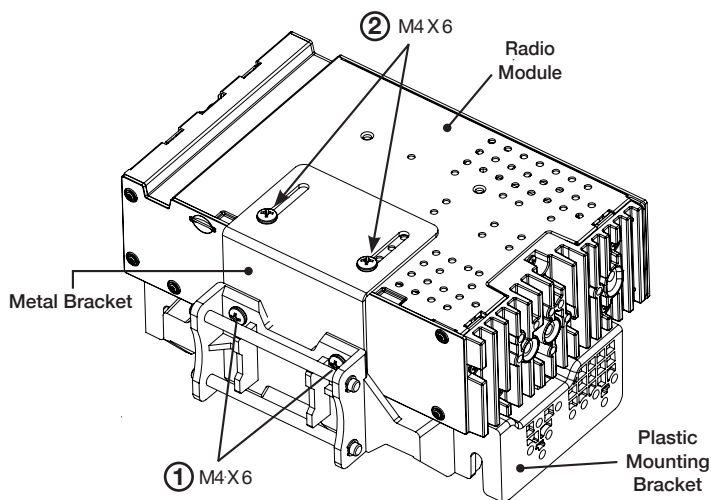
M5 x 10 Screws (2)

NOTE! The *Display Mounting Clamp* is shipped connected to the *Plastic Mounting Bracket*. To remove the clamp assembly from the plastic mounting bracket push up from the compression spring side (1) and swing out to unhook top (2).



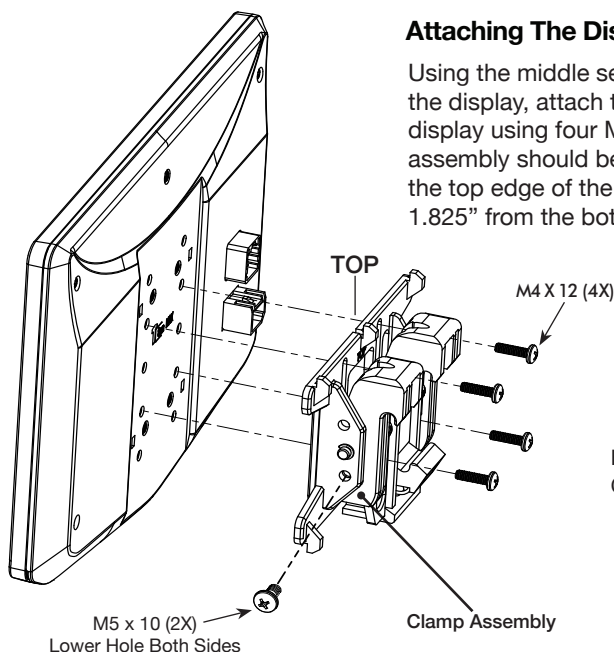
Radio & Display Assembly

Start by attaching the *Metal Bracket* to the *Plastic Mounting Bracket* using two M4 X 6 screws (1). Slide the *Radio Module* in between and align the two holes with the metal bracket. Attach using two M4 X 6 screws (2).



Attaching The Display Mounting Clamp

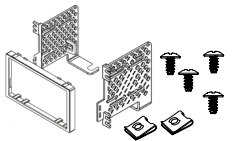
Using the middle set of holes on the back of the display, attach the *Clamp Assembly* to the display using four M4 X 14 screws. The clamp assembly should be approximately 2.5" from the top edge of the display, and approximately 1.825" from the bottom edge of the display.



Ensure the TOP indicator on the Clamp Assembly is facing UP.

Radio/Panel Assembly

Parts Needed:

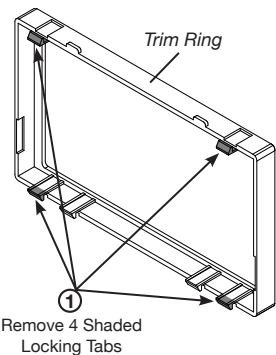


HONK838 Mounting Kit

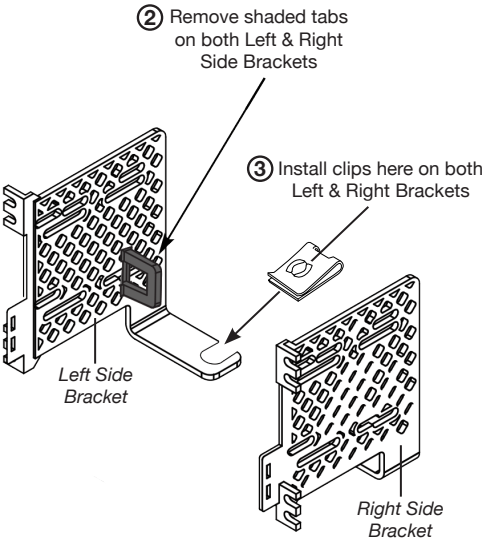
From the HEIGH10 Box:



#10 X 3/8 Screws (2) M5 X 10 Screws (4)



Remove 4 Shaded Locking Tabs

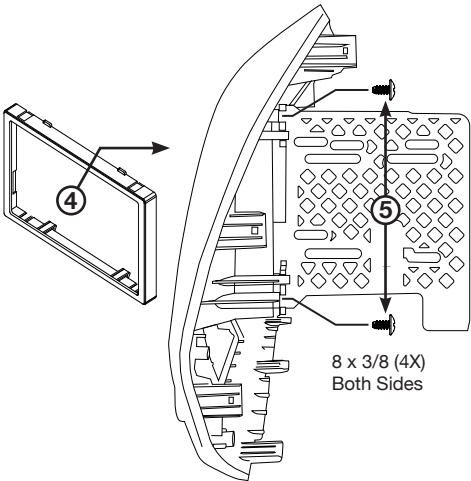


Remove shaded tabs on both Left & Right Side Brackets

Install clips here on both Left & Right Brackets

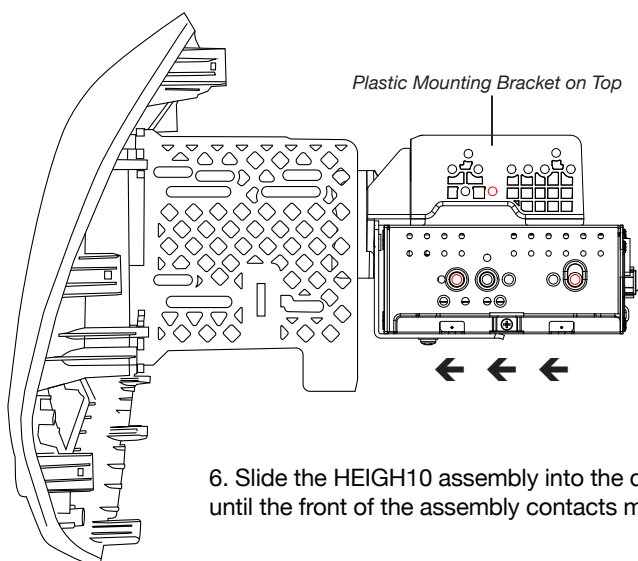
4. With the locking tabs on the bottom, snap the trim ring into the main panel from the front.

5. Align and attach both side brackets to the main panel using two of the #8 X 3/8 (smallest screws from the HONK838 kit) per side.



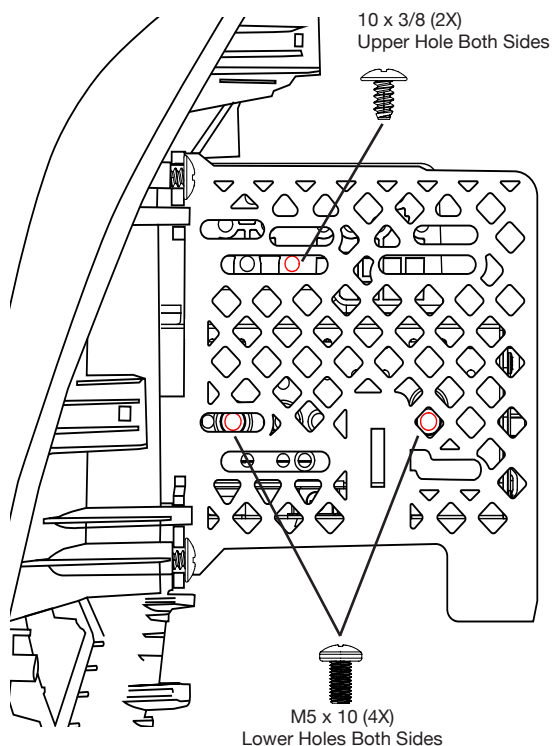
8 x 3/8 (4X) Both Sides

Radio/Panel Assembly



6. Slide the HEIGH10 assembly into the dash kit from the back until the front of the assembly contacts main panel.

7. With the radio assembly fully forward, align the mounting holes as shown in Red. Loosely install the three screws on each side. Push forward on the assembly and tighten all screws.



Vehicle Installation

Parts Needed:

From the HEIGH10 Box:

- ▶ LVDS Display Cable (Blue USB Type)
- ▶ 8 Pin Display Power Cable
- ▶ Rubber Accordion Boot

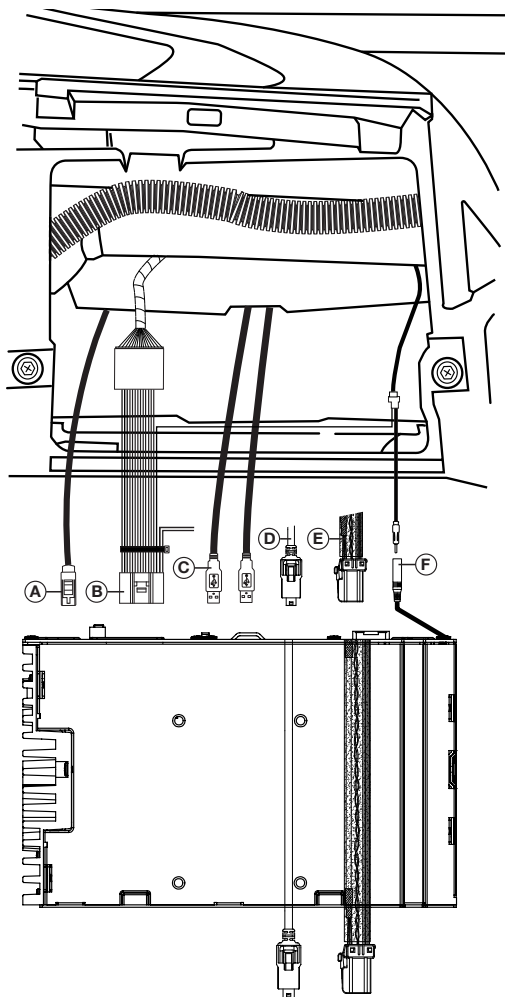
1. Inside the vehicle with the completed radio/panel assembly, plug the following into the back of the HEIGH10 module:

- A - GPS Antenna
- B - 16-Pin Power/Speaker Harness
- C - USB Cables
- D - LVDS Display Cable (USB)
- E - 8 Pin Display Power Cable
- F - Radio Antenna

If you have connected Speed Sense or installed the External Microphone, plug those in at this time.

2. With all the HEIGH10 connectors plugged in, re-connect the factory climate control, hazard switch, and passenger side airbag light harnesses.

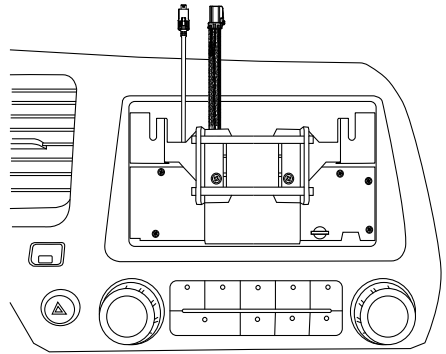
3. Route both Display Cables (D & E) over the top of the assembly and out the front so they can be connected to the display.



Complete radio/panel assembly not shown for illustration purposes

Vehicle Installation

4. After all connections are complete, bundle and secure excess wire and cables behind the radio. With the two display cables routed to the front, carefully slide the new radio/climate control panel into place. Align clips and push to fully seat panel.

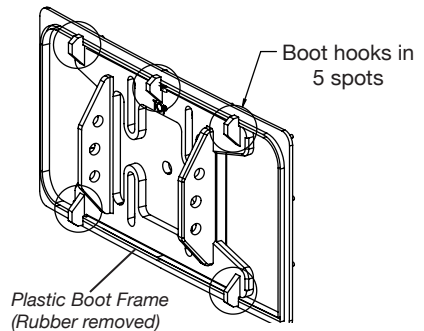
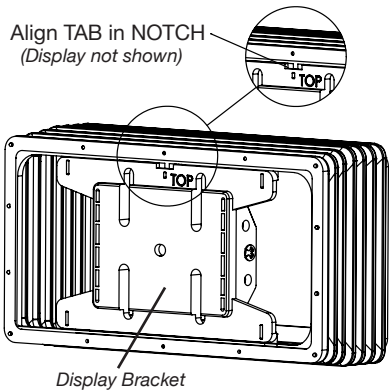


Before mounting the display, the optional accordion boot can be used to hide the display bracket and cables.

5. The boot attaches to the bracket on the back of the display.

Align the tab on the TOP edge of the plastic boot frame with the notch in the TOP of the display bracket.

Pull over the bottom bracket hooks snapping it into place.



Vehicle Installation

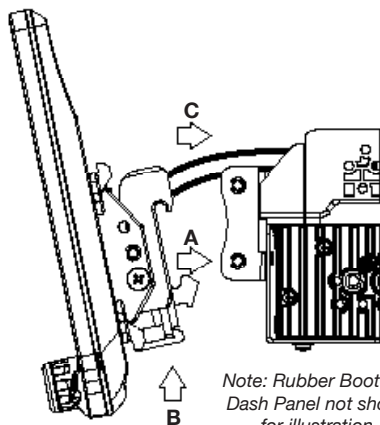
6. To attach the display, plug in both display cables into the back of the display and feed any slack back into the dash opening:

A - Hook the bottom hook to the lower rail

B - Push upward from the bottom

C - Hook the top hooks on the upper rail

NOTE: Once the display is installed, it can be adjusted up and down by removing the display and adjusting the bracket assembly as shown on Page 15.



Function Test

It's recommended to check all functions and features before reassembling the vehicle. Reconnect the Negative Battery Cable if removed.

The HEIGH10 User Guide can be found at:
<https://stingerelectronics.com>

There is a TROUBLE SHOOTING section at the end of the User Guide.

- ☐ Start the vehicle, unit should power on.
- ☐ Check AM/FM reception.
- ☐ Check all Buttons and Volume/Power Knob.
- ☐ Touch MENU or press the MENU BUTTON, scroll down and select AUDIO to access the AUDIO settings. Check to make sure audio is playing through all speakers.
- ☐ While in AUDIO settings, select Other, Set MIC Location to Internal if the External Mic has not been installed.
- ☐ Pair a phone and make a test call. *(Page 10 in User Guide)*
- ☐ Select BT Music and play audio from paired device
- ☐ Engage parking brake and insert a USB thumb drive with Audio and Video files into one of the USB Ports. Select USB as the source and check audio and video playback. Switch to the other USB port and check audio and video.
- ☐ To test Apple CarPlay and/or Android Auto, you will need to determine which USB port is the correct one. Plug an Apple or Android device into one of the USB ports. If the application does not launch, plug the device into the other USB port. *(See Pages 20-21 in the User Guide for more information on Apple CarPlay and Android Auto)*
- ☐ Touch MENU or press the HOME BUTTON, then select Settings, then Camera. Set Reverse Trigger to OFF if no camera has been installed. Place vehicle in reverse and confirm display does not turn off in reverse.
- ☐ If vehicle is equipped with Steering Wheel Controls, confirm radio is responding when buttons are pressed.

Need Help?

You can reach Technical Support via Phone, Email or Chat.

Phone: 727-592-5991
Email: support@aampgglobal.com
Chat: stingerelectronics.com

Tech Support Hours:
Mon-Fri 9AM-8PM EST
Sat 9AM-7PM EST

Vehicle Reassembly

1. Reinstall the two 8mm radio bracket bolts from inside the center pocket.
2. Reinstall the drivers kick panel.
3. Reinstall the drivers door sill panel.
4. Reinstall the Phillips screw into the trunk release cover and reinstall the lock cover panel.
5. Reinstall the gauge cluster trim panel.
6. Reinstall the Phillips screw to the left of the steering column.
7. Reinstall the knee bolster panel below the steering column.





Stinger is a Power Brand of AAMP Global
15500 Lightwave Drive, Suite 202
Clearwater, Florida 33760

CUSTOMER SOLUTIONS:

800-477-2267

Mon-Fri 9AM-8PM EST

customersolutions@aampglobal.com

TECHNICAL SUPPORT:

727-592-5991

Mon-Fri 9AM-8PM EST

Sat 9AM-7PM EST

support@aampglobal.com

AGREEMENT: End user agrees to use this product in compliance with the instructions and terms of use and with all State and Federal laws. STINGER provides instructions and safety warnings with respect to this product and disclaims all liability for any use not in conjunction with those instructions or other misuse of its product. If you do not agree, please discontinue use and contact STINGER. This product is intended for off-road use and passenger use only.