# AXXESS.i™

## AXi-HON1-R INSTALLATION MANUAL

**PLEASE REVIEW THIS INSTALLATION MANUAL CAREFULLY BEFORE BEGINNING ANY WORK**



**PROUDLY MADE IN USA**

Rev. 4.0 081915

## PLUG & PLAY WIRING HARNESS COMPATIBLE WITH

| AXi-RGB1 | AXi-RGB2 | AXi-RGB3 |
|----------|----------|----------|

## Table Of Contents

## IMPORTANT WARNING

This product includes instructions for installation which must be carefully followed. The instructions are worded in such a manner to assume that the installer is capable of completing these type of electronic installations. If you are unclear as to what you are instructed to do or believe that you do not understand the instructions so as to properly and safely complete the installation you should consult a technician who does have this knowledge and understanding.

Failure to follow these instructions carefully and to install the interface as described could cause harm to the vehicle or to safety systems on the vehicle. Interference with certain safety systems could cause harm to persons as well. If you have any questions in this regard please call the Metra Help line at 1-844-299-3774 and for ordering questions call Metra at 1-800-221-0932.

**AXXESS.i**™

| COMPATIBLE VEHICLES | | |
|---|---|---|
| **MAKE** | **MODEL** | **YEAR** |
| HONDA | CIVIC | 2006-2011 |
| HONDA | CR-V | 2007-2011 |
| HONDA | CR-Z | 2011-2012 |
| HONDA | ELEMENT | 2008-2011 |
| HONDA | FCX | 2008-2014 |
| HONDA | FIT | 2007-2011 |
| HONDA | INSIGHT | 2010-2011 |

| ACCESSORY GROUND REVERSE LOCATION | | | | | |
|---|---|---|---|---|---|
| **MAKE** | **MODEL** | **YEAR** | **ACCESSORY** | **GROUND** | **REVERSE** |
| HONDA | CIVIC | 2006-2011 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | CR-V | 2007-2011 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | CR-Z | 2011-2012 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | ELEMENT | 2008-2011 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | FCX | 2008-2014 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | FIT | 2007-2011 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |
| HONDA | INSIGHT | 2010-2011 | PURPLE @ PWR PLG | BLACK @PWR PLG | REV, LIGHT |

Table.1

**PRECAUTIONS: Please read before you start the installation.**

- Please study these instructions carefully before installing AXXESS.i plug and play wiring harness.

- Many new vehicles use low-voltage or data-bus systems that can be damaged by test lights and logic probes. Test all circuits with a digital multi-meter before making connections.

- Do not disconnect the battery if the vehicle has an anti-theft-coded radio, unless you have the radio code.

- If installing an external push button switch, check with the customer about where to install the switch.

- To avoid accidental battery drainage turn off the interior lights or remove the dome light fuse.

- Roll down a window to avoid being locked out of the car.

- Use of this product in a manner different to its intended way of operation may result in property damage, personal injury, or death.

- Set Parking brake.

- Remove the negative battery cable.

- Protect fenders before starting.

- Using protective blankets to cover front seats, interior of the vehicle and center console.

- Always install a fuse 6-12 inches away from AXXESS.i interface, 5 amp fuse should be used.

- Always secure AXXESS.i interface with Velcro or double side tape to prevent rattling of the interface.

- When securing AXXESS.i interface make sure that panels can be closed back easily.

- Use electrical tape on all you connections and splices, do not leave any exposed connections.

- Route all wires along factory harnesses, try not to drill or make any unnecessary holes.

- Make sure you are not connecting to any data wires;  always check your connections with a multi-meter.

- Always use help of a professional installer to prevent any damage to the vehicle or AXXESS.i interface.

# WIRING CONNECTIONS

- Before making your connections, plan entire wire routing inside the vehicle prior to staring the installation.

- There are few acceptable ways of making a wire connections:

Solder connections, strip and tape connections and crimp connectors. When soldering connection be careful not drop solder on interior dash panels. When doing strip and tape wiring method, best way is to strip insulation off a wire, make a hole in a wire and route a wire thru a hole and then use tape to insulate. When using crimp connectors make sure not to crimp to insulation as this may cause wire to break.

- Low quality electrical tape is not a reliable insulator. It often falls off in hot weather, always use high quality electrical tape.

- Never twist and tape wires together without soldering.

- Never use fuse taps as they can damage fuse box terminals.

- If you use wire-tap connectors such as T-Taps, avoid using them. These connectors are inferior in quality and should be avoided.

- For help locating accessory , ground and reverse wires please see table.1 on page 3

- If vehicle is equipped with factory RSE (rear seat entertainment) system and customer would like to display factory installed RSE system on the front navigation screen, it is possible to get it done. Simply tap in to the factory video signal with the RCA wire and connect that RCA wire to video 1 input of an AXXESS.i AXi-RGB1/AXi-RGB2/AXi-RGB3 video interface.


**INSTALLATION LOCATION:** Connection of the AXi-HON1-R replacement flex cable installation is done at the navigation radio headunit. See page 6-10 for details.

# AXXESS.i ™

## Flex Cable Installation

**FLEX CABLE HARNESS INSTALLATION:**

**All connections of AXi-HON1-R flex cable installation harness in HONDA vehicles are done at the navigation radio headunit.**

**Step 1:** Access the flex cable connectors, see page 7-8 step 1-6

**Step 2:** Disconnect the factory flex cable, see page 8 step 7.

**Step 3:** Connect main flex cable of AXi-HON1-R, see page 9 step 8.

**Step 4:** Insert small flex cable of AXi-HON1-R flex cable, see page 10 step 10

**Step 5:** Complete steps 8-13

**Step 6:** Connect AXi-HON1-R flex cable harness to the universal AXi-UNIHAR-R harness supplied with AXi-RGB1/AXi-RGB2/AXi-RGB3.

**Step 7:** Connect black ground wire of AXi-UNIHAR-R harness directly to the ground wire of the navigation system ground point. (see table 1 on page 3)

**Step 8:** Connect red wire of AXi-UNIHAR-R harness to a +12v accessory power source in the vehicle. (see table 1 on page 3)

**Step 9:** Connect gray wire of AXi-UNIHAR-R harness to emergency brake in the vehicle. (connection is not required if only installing the back-up camera)

**Step 10:** Connect orange wire of AXi-UNIHAR-R harness to a reverse light in the vehicle. (see table 1 on page 3) If an aftermarket back-up camera is not going to be installed or vehicle is already equipped with a factory back-up camera, DO NOT connect Orange wire.

**Step 11:** Connect yellow wire of AXi-UNIHAR-R harness the push button switch, and connect other side of the push button switch to a +12V accessory power source. (connection is not required if only installing back-up camera)

Momentary normally open push button should be used for this purpose.

**Step 12:** Connect AXi-UNIHAR-R harness to AXi-RGB1/AXi-RGB2/AXi-RGB3 AXXESS.i video interface.

If installing an aftermarket back up camera connect it to video input 2, If an external video source is being installed connect it video 1 input.

If installing AXi-RGB2/AXi-RGB3 and blue wire is not used, insulate the end of blue wire with electrical tape.

If installing AXi-RGB3 with HDMI video source you have an option of audio output via 3.5 mm audio jack located next to the main interface plug.

# AXi-HON1-R Installation

**STEP 1:** Honda headunit is equipped with antitheft radio code, prior to start of the installation get the radio code. With the vehicle's ignition on and the navigation unit on, press the "OPEN" button.

Pic 1

**STEP 2:** With the display open, disconnect and remove the navigation unit from the vehicle and place it on the flat surface, workbench would work the best for this application. On the back of the LCD screen, remove the screw and the plastic cover located over the factory ribbon cable.
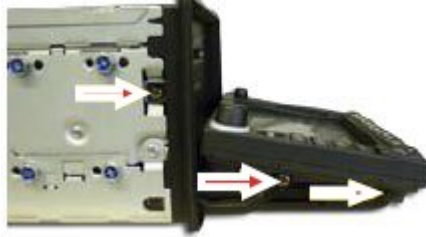
Pic 2

**STEP 3:** Disconnect the factory ribbon cable by carefully pulling up on the brown release tab.

Pic 3

**STEP 4:** Remove three screws on each side of the navigation unit.

Pic 4

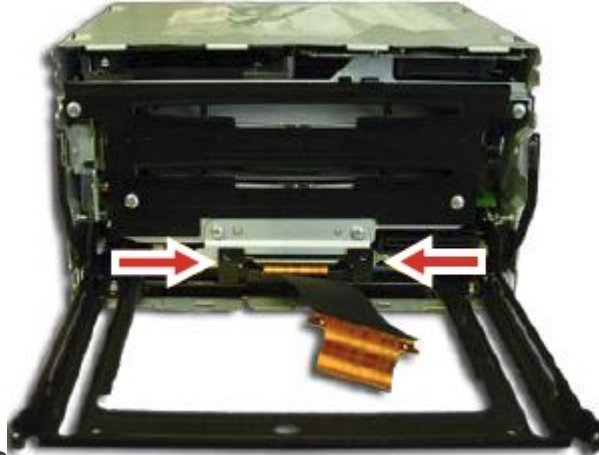**STEP 5:** Remove two screws from the plastic trim cover.

Pic 5

**STEP 6:** Gently remove the plastic trim cover by pushing on the release tabs on all four sides of the navigation unit.
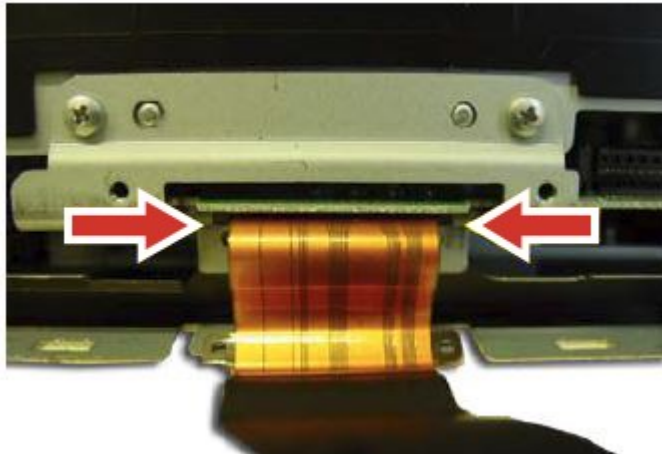
Pic 6

**STEP 7:** Remove the black plastic holder by carefully pinching both sides together.
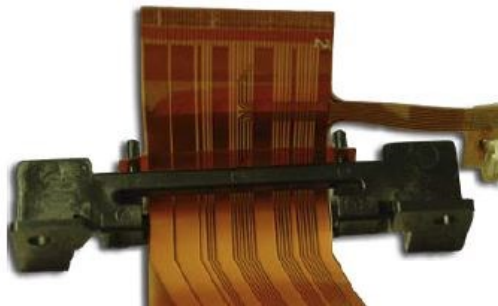


Pic 7

**STEP 8:** Remove the factory flex ribbon cable by gently pulling on the brown release tabs on each side.



Pic 8

**STEP 9:** Place the cable through the black plastic fastener in the same way the factory ribbon cable originally was with the silver pads facing UP.
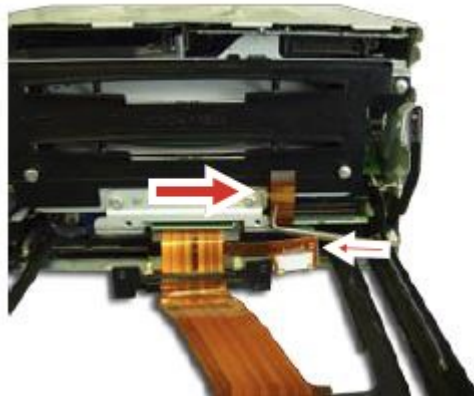


Pic 9

**STEP 10:** Route small flex ribbon cable thru the back of the radio, under the white connector with silver traces facing DOWN.
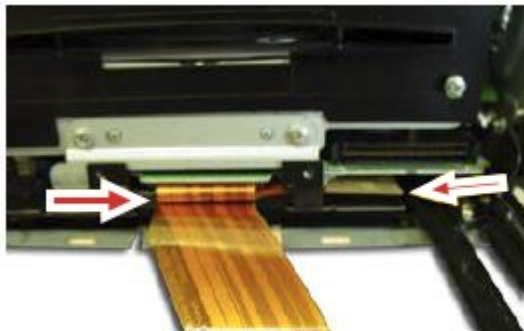
Pic 10

**STEP 11:** Connect small flex ribbon cable to the main flex cable 9 pin connector with the silver traces facing UP. Connect main flex ribbon cable to the factory navigation with the silver traces facing UP.

Pic 11

**STEP 12:** Carefully fold the main flex ribbon cable into the factory navigation unit. Secure the main flex ribbon cable with the black plastic holder.

Pic 12

**STEP 13:** Assemble the navigation headunit in reverse order of steps, staring from step 6 down to step 1.

# Testing AXXESS.i Operation

**Step 1:** Turn on the ignition switch, check to see if status LED is on.

**Step2:** Test operation of video 1 input/smartphone input (AXi-RGB3), engage the parking brake and press the push button once, video 1 or smartphone(AXi-RGB3) input should turn on. OSD (on screen display) on the screen will display "Video 1"or "smartphone input" (AXi-RGB3) on the top left corner of the vehicles screen, connected video source will display on the screen, if no video source is connected OSD on the screen will display a "no signal" message.

**Step 3:** If an aftermarket back-up camera was installed, test proper operation of the back-up camera by shifting vehicle into reverse gear. Camera will display on video 2, if no camera is connected OSD on the screen will display a message "no camera connected". Static distance camera lines can be turned ON or OFF, to turn the camera lines OFF, please see installation manual of the (AXi-RGB1/AXi-RGB2/AXi-RGB3) interface you are installing for details.

To go back to the factory navigation/information screen, press and hold the push button for 2 seconds or more. If camera is desired to be displayed while vehicle is driving forward, please connect your camera to accessory power and select video 2 via push button.

**Step 4:** If video 2 is used as an input for an external video source, turn the static parking lines OFF, please see installation manual of the (AXi-RGB1/AXi-RGB2/AXi-RGB3) interface you are installing for details.

# After The Installation

• Test all functions of AXXESS.i Interface.

• Check operation of all dashboard components such Heat and AC controls, hazard lights, headunit operation etc.

• Check to see if all reinstalled panels are mounted properly.

• See page 12 for detailed checklist.

# AXXESS.i™
## Vehicle Reassembly Checklist

**When performing vehicle reassembly, please make sure to go over the list and checkoff check mark boxes :**

☐ Check to see if all connectors behind the screen, radio, HVAC etc. were reconnected.

☐ Check that LCD screen shuts off with key off, and turns back on with key on.

☐ Check touch-screen operation.

☐ Check Heat and AC controls operation.

☐ Check AM/FM/SAT radio reception.

☐ Check CD player/changer operation.

☐ Check GPS signal reception.

☐ Check cigarette lighter or +12V power source for accessory or constant power.

☐ Check to see if any other panels that were removed during installation and now being reassembled have all and any electrical connectors reconnected.

☐ Turn on parking light and check all dashboard lights operation.

☐ Check all panels for proper fit, make sure no gaps in panels are left behind.

**If all steps above are checked off, you will save time, money and have an extremely happy customer.**

**All above steps eliminate any unnecessary customer comebacks to your shop.**

**If you require any further assistance please call our tech support line, email or go online WWW.AXXESSINTERFACES.COM**

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