AXXESS.i™

AXi-HA16PTL-R INSTALLATION MANUAL

PLEASE REVIEW THIS INSTALLATION MANUAL CAREFULLY BEFORE BEGINNING ANY WORK

Rev. 4.0 081915

PROUDLY MADE IN USA

PLUG & PLAY WIRING HARNESS COMPATIBLE WITH

AXi-RGB2	AXi-RGB3

Tech Support: 844-AXX-ESSI WWW.AXXESSINTERFACES.COM

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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.
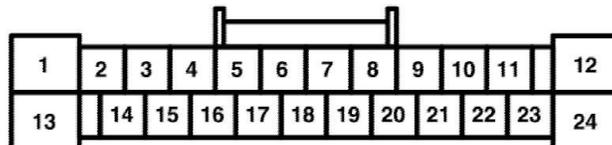
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COMPATIBLE VEHICLES		
MAKE	**MODEL**	**YEAR**
ACURA	TL	2009-2011

ACCESSORY GROUND REVERSE LOCATION					
MAKE	**MODEL**	**YEAR**	**ACCESSORY**	**GROUND**	**REVERSE**
ACURA	TL	2009-2011	PIN 18. PUR	PIN 12. BLK	NOT REQIRED
Accessory and Ground wires are found in the main 24 pin connector behind radio					

Table.1

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- 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-RGB2/AXi-RGB3 video interface.

NAVIGATION DVD-ROM LOCATION: Connection of the AXi-HA16PTL-R plug and play harness is done at the navigation radio headunit. See page 6 for details.

Honda/Acura: Navigation system is built in to the radio headunit.

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Plug & Play Harness Installation

IMPORTANT WARNING

Inside AXi-RGB2/AXi-RGB3 the dip switch must be set to H position.

See AXi-RGB2 manual on page 5 and AXi-RGB3 manual on page 6.

PLUG & PLAY AXi-HA16PTL-R HARNESS INSTALLATION:

All connections of AXi-HA16PTL-R plug and play installation harness in HONDA/ACURA vehicles are done at the navigation radio headunit.

Step 1: Access connectors behind the navigation radio headunit.

Step 2: Disconnect gray 16 pin connector and gray 28 pin from back of the navigation radio headunit.

Step 3: Insert male 16 and 28 pin connectors of AXi-HA16TLP-R plug-and-play harness back into the navigation radio headunit.

Step 4: Insert previously disconnected factory 16 and 28 pin connectors into the 16 and 28 pin female connectors of AXi-HA16PTL-R plug-and-play harness.

Step 5: Connect AXi-HA16PTL-R plug-and-play harness to the universal AXi-UNIHAR-R harness supplied with AXi-RGB2/AXi-RGB3.

Step 6: Connect black ground wire of AXi-UNIHAR-R harness directly to a ground wire of the navigation radio headunit. (see table 1 on page 3)

Step 7: Connect red wire of AXi-UNIHAR-R harness to a +12v accessory power source in the vehicle. (see table 1 on page 3)

Step 8: 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 9: Connect orange wire of AXi-UNIHAR-R harness to an orange wire of AXi-HA16PTL-R plug-and-play harness.
(DO NOT connect orange wire of 28-pin T-Harness to anything, tape the end.)

Step 10: Connect blue wire of AXi-UNIHAR-R harness to the blue wire of 28-pin AXXESS.i supplied T-Harness.

Step 11: Connect AXi-UNIHAR-R harness to 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 yellow wire is not used, insulate the end of a yellow 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.

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, press and hold the CANCEL(1) button on the radio for 3 seconds, 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 be displayed on the screen, if no video source is connected OSD on the screen will display a "no signal" message.

To switch inputs rotate the navigation joystick (3) left or right to switch inputs.

To go back to the factory navigation/information screen, press and hold the CANCEL button for 3 seconds or more.

Step 3: 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-RGB2/AXi-RGB3) interface for details.

Composite video inputs may appear shaky depending on the source type, please follow the procedure below to straighten up the image.

Adjusting the Screen: Image Quality Tune-up (Only if image appear shaking)
Turn on the testing pattern in order to check the appearance of the image, and adjust settings if necessary.

Step 1: Switch to the video source by holding the CANCEL button (1) for three seconds.

Step2: Press INFO button (2) until the test pattern appear.

Step 3: By rotating the wheel (3)adjust the lines so they are straight.

Step 4: Save settings by pressing ENTER (4).

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 8 for detailed checklist.

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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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