



CTS^x-HAR

XM RETROFIT INSTALL HARNESS FOR 1ST GENERATION CADILLAC CTS & SRX

Created August 10, 2015
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PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This installation guide is provided as a GENERAL installation guide; some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

Requirements:

FACTORY RADIO, XM ANTENNA, XM TUNER

Introduction:

Many 1st Generation Cadillac SRX and CTS were NOT factory fitted with XM or wired for it and the CTSx-HAR harness allows user to retrofit XM in 1st Generation CTS (All radios) and SRX (non-navigation radio only).

This harness provides the XM tuner (Sold separately) with Power, audio and data.

User must ensure XM tuner and XM antenna are in working order.

1st generation SRX **with navigation** requires our [SRXL-HAR](#)

This harness allows does not limit location for the XM tuner. User select cable length based on location of choice.

Installation: To radio

Radio must be removed to gain access to plugs.

(SRX & XLR with Navigation requires our [SRXL-HAR](#))

1. Using a panel removal tool, unclip and remove the top A/C vents panel (See Fig. 1)

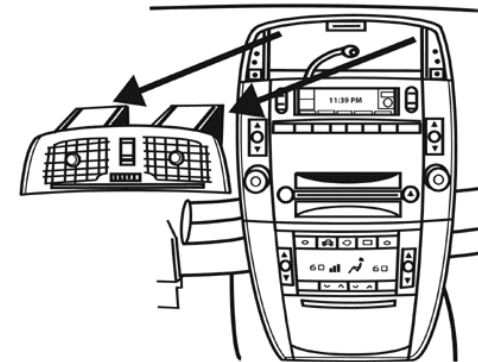


Fig. 1

2. Open ash tray and remove tray. Extract (1) 9/32" (7mm) screw in tray cavity.
3. Using a panel removal tool, unclip and remove A/C Control/ash tray assembly below radio (See Fig. 2)

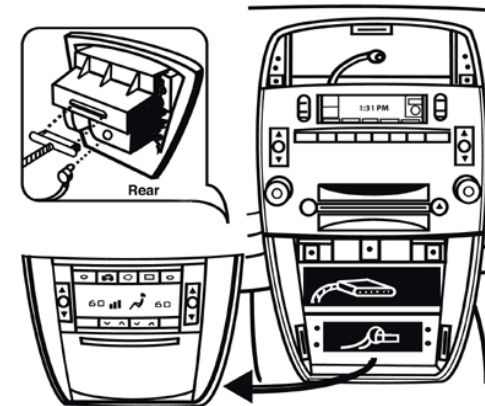


Fig. 2

4. Remove (4) 10mm bolts securing radio to dash (See Fig. 3)

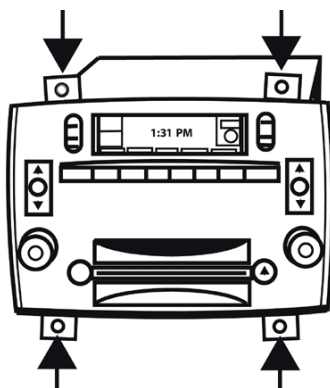


Fig. 3

5. Pull radio forward to reveal and gain access to the connectors (See **Fig. 4**)



Fig. 4

Factory gray plug

6. Press release tab to disconnect 8-pin **gray plug** from radio (See **Fig. 4**)
7. Connect gray plug to installation harness 8-pin connector (See **Fig. 5**).

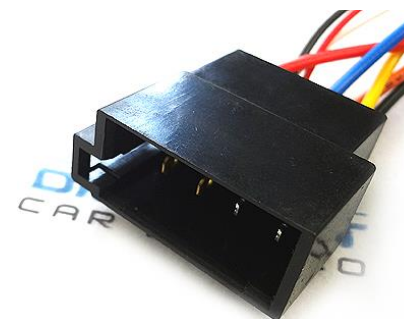


Fig. 5

8-pin connector

8. Connect installation harness 8-pin black plug (See **Fig. 6**) to radio chamber vacated in step 6.



Fig. 6

8-pin plug

9. The data BUS wire is on pin 8 and 11 of the **green ISO plug**. (See **Fig. 4/7**)
If radio has a green ISO plug (See **Fig. 7**); tap the installation harness blue wire to either of the purple wires at pin 8 or 11 (See **Fig. 7**)
If radio does not have a green ISO plug, use the one included and insert blue wire to pin 8 or 11, and insert green plug to radio slot as seen in Fig. 7

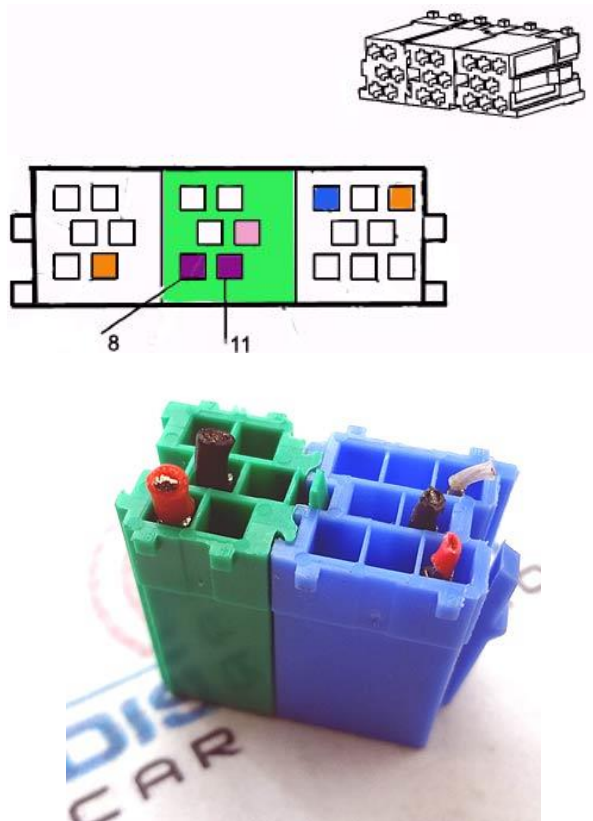


Fig. 7

10. Connect harness 16-pin plug (See Fig. 8) to XM tuner (See Fig. 9)

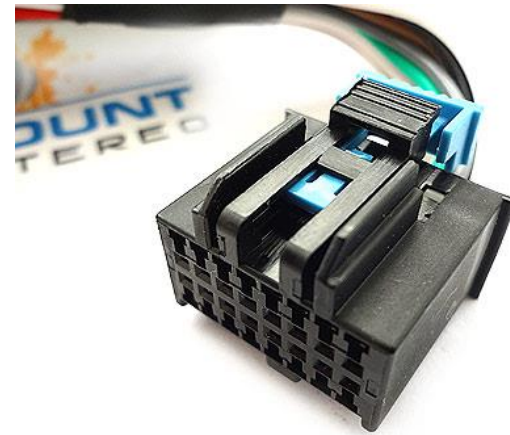


Fig. 8



Fig. 9

11. Connect antenna (not supplied) to XM tuner
Proceed with XM tuner programming/set-up
Note: The install 16-pin connector does not connect to anything.

Operation:

1. Turn radio "ON"
2. Press "BAND" button until **XM1** or **XM2** is displayed. This confirms radio communicating with Module. Call XM or Sirius to activate tuner.

Warning! Used XM modules may require programming. Please consult dealer

SIR-GM installation

You may also use the CTSx-HAR to install the SIR-GMI Sirius radio kit. Simply connect harness 16-pin plug (See Fig. 8) to SDAR harness (See Fig. 10) included in the SIR-GMI kit. Proceed with install instructions included in SIR-GMI kit.

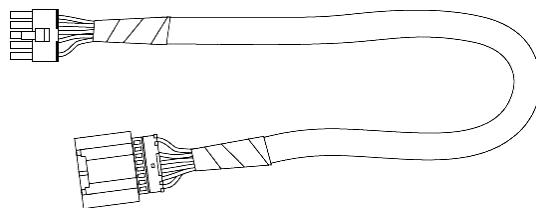


Fig. 10

Aftermarket iPod adapter Installation:

The CTSx-HAR, also allows users to install the aftermarket iPod adapter (e.g. PA15-VETTE) behind the stereo as oppose to rear deck or side panel. Simply connect harness 16-pin plug (See Fig. 8) to installation harness included with aftermarket iPod adapter Kit (e.g. PA15-VETTE, PA15-GM etc.), then proceed with install instructions included in iPod adapter kit.

Frequently asked questions:

1. Will the CTSx-HAR work in vehicles with Navigation?
YES; Except SRX Navigation radios.
2. How can I check if vehicle has XM module?
Turn Radio "ON", press "BAND" button repeatedly to cycle through AM/FM/XM1/XM2. If only AM/FM is displayed, vehicle does not have XM Tuner Module.
3. Can I install this harness without removing stereo?
NO; The CTSx-HAR connects to the radio and because of that the radio must be removed.
4. XM plays only on one side. What is the fix?
Sometime in 2005; Cadillac made a slight change to the XM tuner wiring in the CTS. This change also affects late 2004 production dates. If you own a 2004-05 CTS, **we highly recommend checking** the gray plug wiring (Fig. 11/12) to determine how we should properly wire the module otherwise playback will be limited to one side (mono). Here is how to check. Remove radio (Go to page 2 for help), locate gray plug.
The TAN/WHITE wire location determines model year selection at checkout:
PIN 4 = TAN/WHITE (See Fig. 11) you must select 2003-04
PIN 3= TAN/WHITE (See Fig. 12) you must select 2005-07

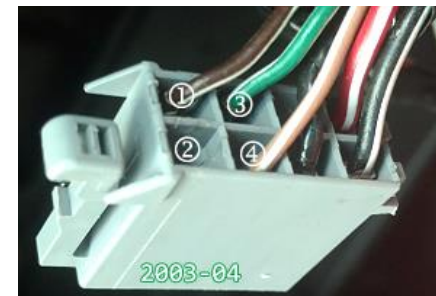


Fig. 11



Fig. 12

Applicable to CTS: Please select vehicle model year-based on **TAN/WHITE** wire location otherwise only one side will play

Disclaimer

- This product has no affiliation with Cadillac
- We're not liable for misuse of this product.
- We recommend professional installation

email support@discountcarstereo.com

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