

NAV-TV

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SRX VIM (NTV-Kit394)



Overview

The **SRX VIM** enables video in motion (VIM), navigation control in motion (CIM) and forced rear camera capability to the 2010+ Cadillac SRX vehicles. When VIM is enabled, GPS tracking will not be available.

Kit Contents



GPS-Break Relay
NTV-ASY165



SRX VIM Module
NTV-ASY192



Plug and Play T-Harness
NTV-HAR-185



GPS FAKRA Cable
NTV-CAB037



USB Cable
NTV-CAB009

SRX VIM Module pin outs

Pin #	Description	Color
1	12v (+) Constant	Yellow
2	INPUT 1 (Send 12v for VIM act)	Red
9	GM LAN (Radio side)	Green
10	Ground (-)	Black
11	Reverse OUT	White/Red
12	OUTPUT A (GPS Break)	White/Blue
13	OUTPUT B (ACC Out)	White/Purple
18	GM LAN (Car side)	Purple



Wire Side

Installation

Dash Disassembly

1. Using a plastic pry tool, remove the carpeted side covers on either side of the center console.
2. Once the side covers are removed, there will be (2x) 7mm screws on either side that hold the vinyl trim panels in place. After the screws are removed gently pry up the trim on either side of the console.
3. With the trim panels removed, (2x) 10mm bolts will be exposed next to the pocket under the radio. Remove these 2 bolts.
4. Gently pry up the silver trim panel around the cup holder and shift plate. This will expose 4) screws around the cup holder and 2) screws in front of the pocket under the radio. Remove these screws.
5. Open the center console lid. Using a pick tool, remove the (2x) rubber stops to the front of the console pocket. Remove the (2x) screws.
6. From the back seat, remove the rear HVAC panel and set to the side. There will be (3x) 10mm nuts securing the lid to the console. Remove these 3 bolts.
7. Remove the shifter knob by pulling down the silver ring attaching the boot to the shifter knob. Using a pick tool, remove the C-clip holding the shifter in place. Pull off the shifter knob and set to the side.
8. Gently pry up the top of the center console/shifter plate. Detach any wiring and set aside.
9. Remove the (2x) 7mm screws holding the pocket under the radio in place.
10. Remove the pocket to expose (2x) 7mm screws securing the radio/HVAC trim in place.
11. Turn on the radio and motorize the screen out of the dash. With the screen open, GENTLY with two hands pull the vinyl cover off the screen. Turn off the radio and wait for the screen to motorize down.
12. Gently pry around the trim to remove. Disconnect the wiring and set aside.
13. The DVD drive will have (4x) 7mm screws. Remove the drive, disconnect all connections and set aside.

Module Installation

1. Locate the main factory 44-pin radio harness. Connect the male end of this harness into the female end of the provided **SRX VIM** T-Harness. Connect the factory gray 10-pin harness to the female end of this T-Harness as well.



2. Connect the factory GPS antenna cable (blue FAKRA) to the yellow side of the provided GPS-Break board. Connect the provided GPS Fakra cable to the green side of the GPS-Break board; plug the other end into the blue FAKRA on the back of the radio.



3. Connect the **red wire** from the GPS-Break board to the **white/blue, OUTPUT (A)** wire from the 18-pin **SRX VIM** module harness. Splice the **black wire** from the GPS-Break board to ground.

4. On the provided main 44-pin T-Harness, the RCA labeled '**Rear Cam**' must be connected to the RCA labeled '**Factory Cam**', or you will lose the SRX factory rear camera image!



5. **Optional:** If you want to be able to force the factory rear camera (if equipped) at any time, you must interrupt the SRX rear camera power wire. This **green wire** is located in the **passenger rear quarter panel**, in a gray harness (test first!).*
 - a. Cut the **green wire** in half, connect an extension wire (to the camera side) to run to the front 18-pin **SRX VIM** module harness. Insulate the exposed cut end.
 - b. Connect the extension line to the **white/purple, (OUTPUT B: ACC out)** wire on the 18-pin **SRX VIM** module harness.

***Note: This wire is also located in the driver's kick/sill panel, but shares the same line as the reverse lights. DO NOT cut/connect to this location!**

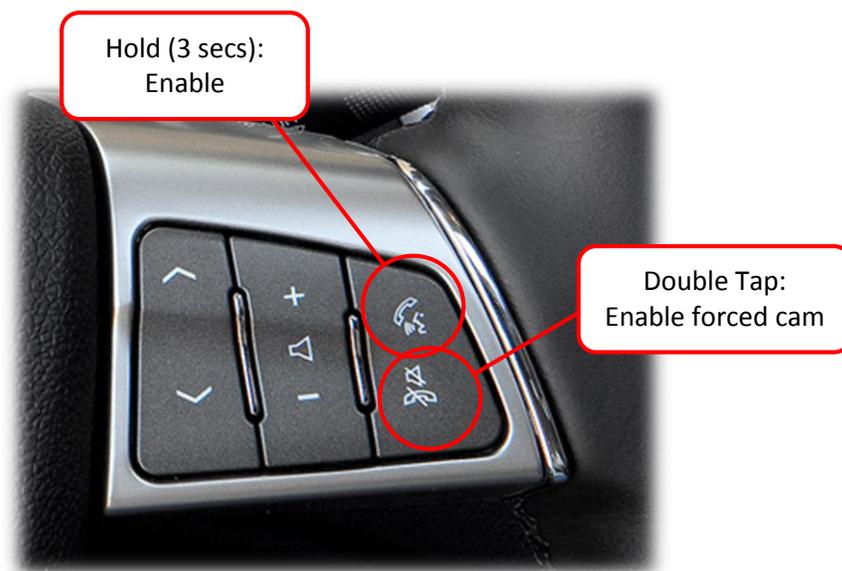
6. **Optional:** Sending 12v (through a toggle) to the **red, 'INPUT 1'** wire will toggle **VIM/CIM** as well as the standard steering wheel control functions.
7. Connect the **SRX VIM** module to the 18-pin connector located on the provided T-Harness. Reconnect all harnesses to the radio (including the new T-Harness and GPS Fakra cable); reassemble the dash to a point where you can test all functions before completing the installation.

-End User Quick Reference-

Operation

VIM/CIM toggle: Press and hold the PHONE/VOICE button on the steering wheel for 3 seconds.

Forced Rear Camera toggle: Press the MUTE button on the steering wheel **twice within 1 second**.



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