



Pacific Accessory Corporation

# OS-2CTS

## Cadillac CTS/SRX Radio Replacement Installation Instructions



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The OS-2CTS is a plug and play interface that allow the installation of an aftermarket radio into Cadillac CTS and SRX vehicles. It will maintain operation of the On Star® and factory amplified audio system. On Star® audio will play through the front speakers when active. It also retains all warning chimes and Vehicle Rear Parking Assist chimes.

- Class II circuitry will not disable vehicle data bus even if interface loses power.
- On Star® active LED and Ignition on LED.
- Provides +12v switched accessory output. No more searching for switched +12v in fuse box or kick panel.
- Mute output to either mute the aftermarket radio or to turn it off when On Star® is active.
- On Star® Volume control via factory steering wheel audio controls or click wheel.
- New radio will operate with the vehicle RAP (Retained Accessory Power) system, which is 10 minutes or until a door is opened.

### Note:

1. The OS-2CTS does not retain the factory XM receiver, you will lose this option when the factory radio is replaced with an aftermarket radio.
2. You may use this interface even if the vehicle does not have On Star® but need the interface with the factory amplifier.
3. On Star® must be enabled using the On Star® button on the rear view mirror, steering wheel On Star® button will not enable On Star®.
4. On Star® volume is not adjustable on CTS-V and SRX models, volume is preset at medium level.
5. The Cadillac SRX with Factory Navigation Radios do not use the same connectors as supplied.

### Supported Vehicles

**2003 - 2007 CTS: All Models**

**2004 - 2006 SRX: Vehicles WITHOUT Factory Installed Navigation Radios**

### Installation

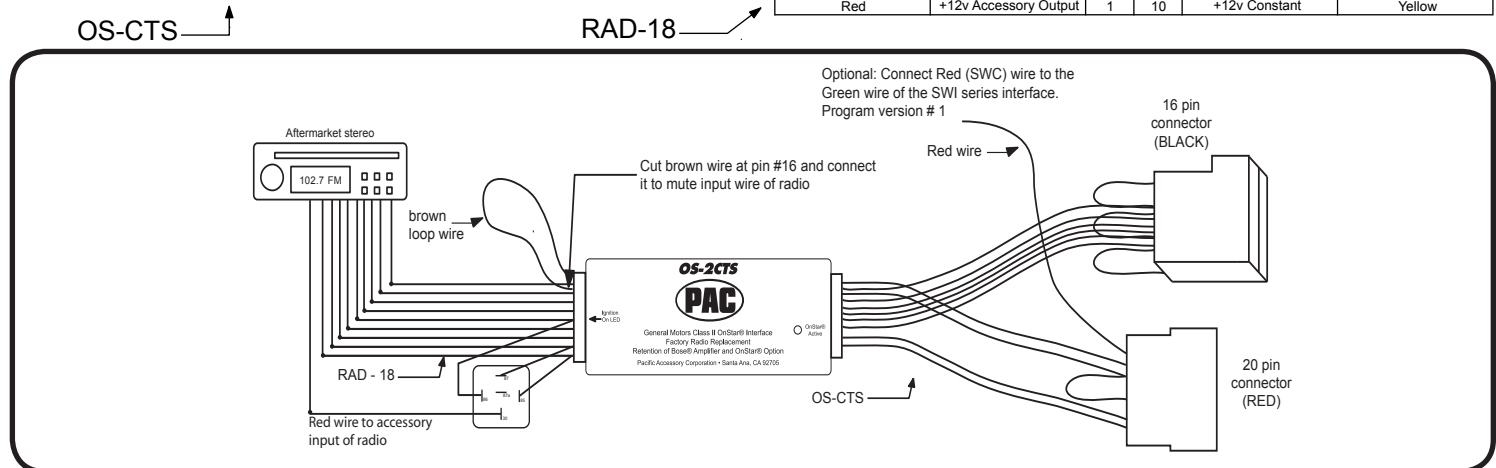
**Note:** Due to the design of the factory amplified system, there is currently no way of fading from front to rear with an aftermarket radio. If using a SWI interface, connect the green wire on the SWI interface to the red wire from the red 20 pin connector. The SWI interface must be programmed for Version #1.

**Step 1.** Pre wire the RAD-18 wire harness to the aftermarket stereo wire harness. If the aftermarket stereo has a mute wire, cut the brown wire as close as possible to pin #16 of the RAD-18 harness and connect this mute output wire to the stereo's mute wire. **The amp remote wire (blue/white) must be connected to the stereo's remote wire.**

**Step 2.** Connect the black 16 pin and the red 20 pin harness to the factory radio harnesses. Connect the OS-CTS wire harness into the OS-2CTS interface.

WIRE COLOR	CIRCUIT	PIN NUMBER	CIRCUIT	WIRE COLOR
N/A	N/A	8	16	N/A
PURPLE	CLASS II DATA	7	15	12 CONSTANT
BLACK	GROUND	6	14	N/A
N/A	N/A	5	13	N/A
N/A	N/A	4	12	N/A
ORANGE	STEERING WHEEL CONTROL	3	11	STEERING WHEEL CONTROL
GRAY/BLK	RIGHT FRONT (-)	2	10	RIGHT FRONT (+)
WHITE/BLACK	LEFT FRONT (-)	1	9	LEFT FRONT (+)

WIRE COLOR	CIRCUIT	PIN NUMBER	CIRCUIT	WIRE COLOR
White/Black	Left Front (-)	9	18	Not Used
Grey/Black	Right Front (-)	8	17	Left Front (+)
Green/Black	Left Rear (-)	7	16	Not Used
Purple/Black	Right Rear (-)	6	15	Right Front (+)
Black	Ground	5	14	N/A
Blue	Antenna	4	13	Left Rear (+)
Orange	Illumination	3	12	N/A
Blue/White	Amp Turn On	2	11	Right Rear (+)
Red	+12v Accessory Output	1	10	+12v Constant



### Testing and Verifying Operation

1. Turn ignition on. The green ignition on LED inside of the interface will turn on and the +12v accessory wire will turn on.
2. Turn on the radio and check the balance. Note: Audio will not fade as the rear outputs of aftermarket radio can not be used.
3. Pressing the On Star® button on the mirror will mute or turn off the radio and allow the audio to be heard from the speakers. The On Star® active red LED will also turn on. When On Star® disconnects, the radio will un-mute or turn back on and the On Star® LED will turn off. On Star® audio level can be adjusted using the volume controls on the steering wheel (Volume level is preset for CTS-V and SRX vehicles).
4. Turn off vehicle and remove key. RAP will be active and keep the radio on for 10 minutes or until a door is opened.
5. The green ignition on LED and radio will turn off when RAP turns off or door is opened.

**DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the OS-2CTS parts be held liable for consequential damages sustained in connection with the OS-2CTS. The manufacture and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the OS-2CTS other than its replacement.

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