SIR-PCM3 955/997

SIRIUS Satellite Radio interface for Porsche PCM 3 radios

NTV-KIT266/285

Overview

The SIR-PCM3 adds Sirius Satellite radio to the factory MOST fiber optic stereo system in select Porsche vehicles.

Kit Contents
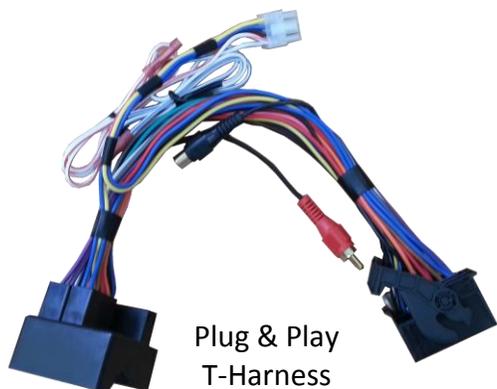
Plug & Play T-Harness
NTV-HAR113: KIT266
NTV-HAR102: KIT285

SIR-PCM 3 Module
NTV-ASY144

PCM3 Filter
NTV-ASY107

USB Cable (updates)
NTV-CAB009

MOST Fiber Optic Cable & Connector
NTV-ASY03

SIR-PCM3 Power Harness
NTV-ASY007

S2P (Signal to Power)
NTV-KIT334

Optional, Recommended for convenience

SIRIUS Tuner (SCC1)
NTV-INT021

SIR-PCM3 Interface connector layout

Power Connector

SCC1 Connector

MOST Fiber Connector

USB Connector (updates)
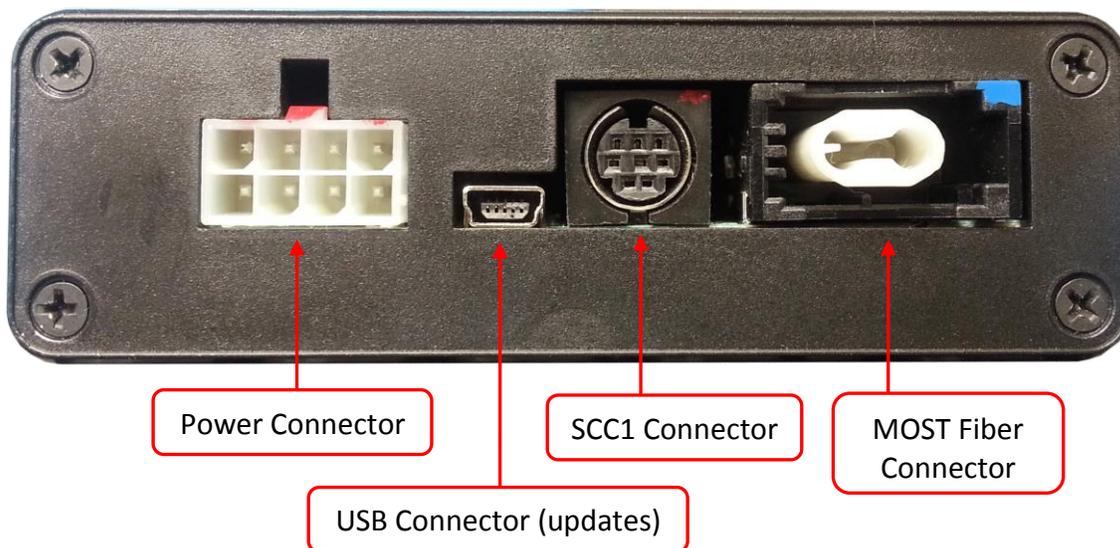
Radio Removal (955: Cayenne)

1. **_Before removing radio, confirm that the radio displays 'CURRENT SYSTEM' when you press 'INFO' & 'SOURCE' together_** (if not, this kit is NOT compatible).

2. Carefully remove the radio trim with a plastic tool.

3. Remove (4x) Torx t20 screws that secure the radio into the sub-dash. Remove radio, disconnect all plugs and set the radio aside.

Agreement: End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase. This product is intended for off-road use and passenger entertainment only.

Radio Removal (997: 911, Boxster, Cayman)

1. ***Before removing radio, confirm that the radio displays 'CURRENT SYSTEM' when you press 'INFO' & 'SOURCE' together*** (if not, this kit is NOT compatible).

2. Remove the Torx t27 screw on each carpeted panel that sits in front of the leather side panels (on the sides of the radio).
3. Remove the now exposed (2x) Torx t20 screws on each leather panel on each side of the factory radio.
4. While sitting in the driver's seat, pull each panel straight towards you (or towards the rear of the vehicle) to expose the sides of the radio.
5. On each side of the radio, close to the front of the radio, there are (2x) Allen screws. Turn each of these screws ***counter clockwise*** 1/4 turn or until they stop*.* When all 4 screws have been turned, the radio will be free to pull straight out of the sub-dash.
6. Remove radio, disconnect all plugs and set the radio aside.

SIR-PCM 3 Interface Installation (all vehicles)

Note: Not all vehicles will have fiber optics equipped. NAV-TV can provide a fiber kit, contact tech support.

1. Remove the factory fiber connector from the factory 44-pin plug by gently prying up on the locking tab with a pick tool.
2. Remove the provided ***Fiber connector*** from the ***fiber cable*** with a pick tool*.*
3. Connect the provided ***Fiber cable*** into the vehicle's MOST loop via the diagram below:

Factory MOST cable   Provided MOST cable

Before   After
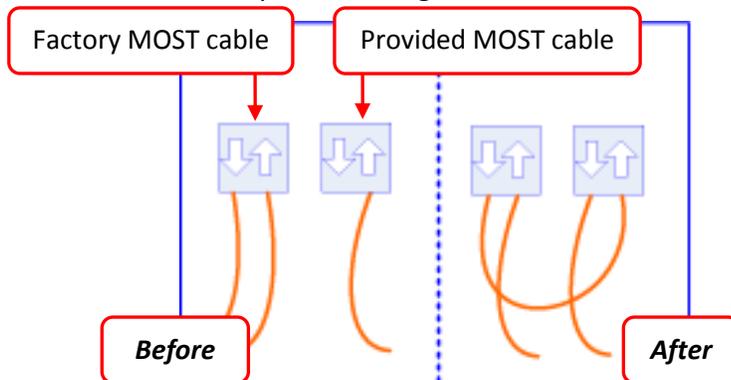
Step 1
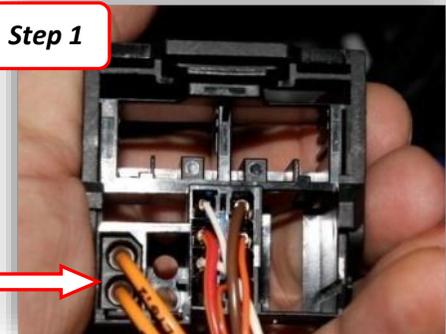
Step 2
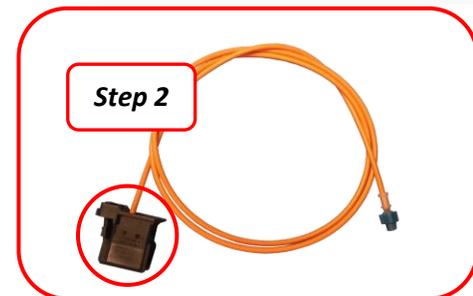
4. Connect the factory 44-pin plug to the female end of the provided *Plug & Play T-Harness* and lock it into place.
5. Connect one of the newly made fiber optic pairs (from step 3) to the male side of the provided *Plug & Play T-Harness* at the proper port (it is keyed and will only connect in one direction).

6. If there is a mini plug (usually green) located on the factory 44-pin harness, it must be removed and re-inserted into the male side of the provided *Plug & Play T-Harness* at the proper port.

7. Connect the last free fiber optic pair back into the provided *fiber connector.* Connect this fiber connector to the port on the *SIR-PCM3* interface labeled 'MOST' (remove dust cover first).
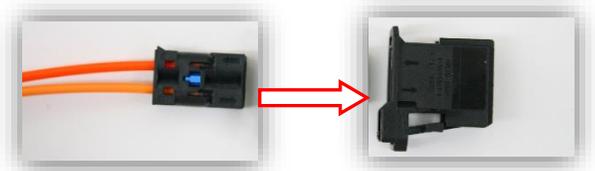
8. *UPDATE:* On the 8-pin Molex harness that will connect to the provided *PCM3 Filter* (in step 8), locate the *Red wire*:

    a. Cut this wire in half.
    b. Connect the plug-side of this *Red* wire to a *12v ACC SOURCE* (if you purchased a NAV-TV S2P with the PCM3 kit, connect the 12v ACC output to this wire)*.*
    c. Insulate the other side of the cut *Red wire*.
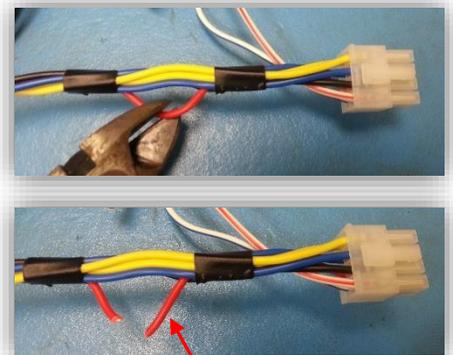
Supply 12v ACC to this wire

9. Connect the provided *PCM3 Filter* to the 8-pin Molex plug located on the *Plug & Play T-Harness*.

NAV-TV®
interfacing the future!

10. Connect the following wires from the provided **SIR-PCM3 Power Harness** to the car:

SIR-PCM3 Power Harness	Connect to car:
Black	Ground (-)
Yellow	12v (+) ACC

11. Connect the power plug from step 9 to the **SIR-PCM3 Interface** at the port labeled '+12v'.

12. **IMPORTANT:** If this vehicle has a **factory reverse camera**, you must connect the RCA's together located in the middle of the provided **Plug & Play T-Harness.** If you fail to do this, you will lose your reverse camera image!
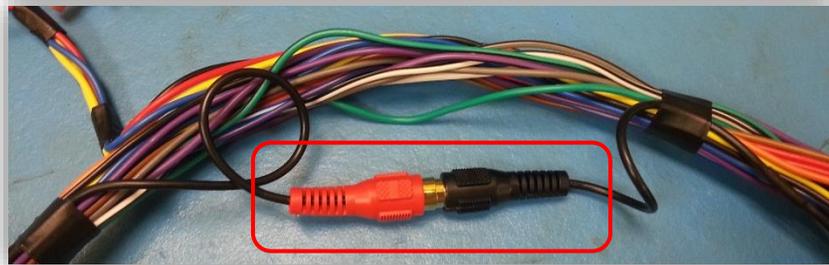
13. From the provided **SIRIUS Tuner KIT (SCC1)**:
    a. Mount your Satellite antenna where it has a clear view of the sky (cannot be mounted beneath metal!, outside of the car is absolute best)
    b. Run the antenna cable to the location where you will mount the **SCC1** and connect to the proper port
    c. Connect the **SCC1**-provided mini-DIN data cable from the **SCC1** to the port on the **SIR-PCM3** labeled 'SCC1'.

14. Connect the free end of the provided **Plug & Play T-Harness** to the radio. Connect the remaining plugs to the radio and proceed to **Programming** (next section).

PCM3 (955: Cayenne) Programming

On the steering wheel, find the + button and the MUTE button. With the vehicle's ignition ON (but not running):

1. Press and hold the ***+ button***.
2. While holding the ***+ button***, press and hold the ***MUTE button***.
3. While holding the ***MUTE button***, release the ***+ button.***
4. Release the ***MUTE button.***

The radio will enter a ***'Service'*** mode. While ***'Service'*** is displayed on the screen:
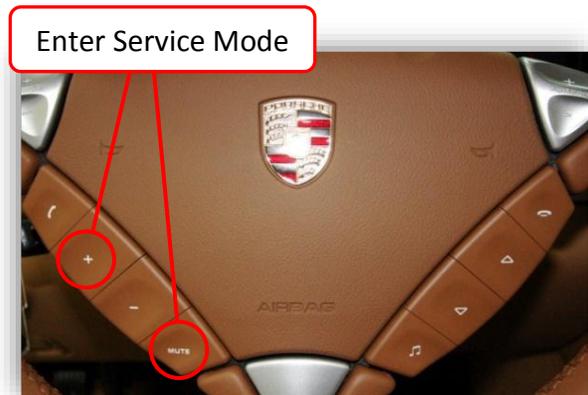
5. Press and hold the **UP ARROW** for ***4 seconds*** to program the PCM3 for satellite radio. *If this module is ever removed from the original vehicle you must first enter service mode and press the **DOWN ARROW** for **4 seconds** to deprogram the original PCM3 BEFORE the module is removed. If this is not performed, the module will not work on any other vehicle!*
6. The Radio will reboot to the Porsche logo after holding the **UP ARROW**. The SAT option will become available on the SOURCE menu or by repeatedly pressing the TUNER button.

Enter Service Mode

Program

De-Program

PCM3 (997: 911, Boxster, Cayman) Programming

1. Prepare the vehicle for programming:
   a. Turn the ***key ON (don't start)***
   b. Turn the ***headlights ON***
   c. Engage the ***Parking Brake***
   d. Hold down the ***Brake Pedal***
2. **Flash the high beams (1 per second):**
   a. Either 4 or 8 times (vehicles with navigation)
   b. 10 times (vehicles without navigation)

After 4 flashes, if 'Loading Maps' message does not go away after about 1 minute, repeat this procedure with 8 flashes instead of 4.

If this module is ever removed from the original vehicle you must first de-program it!

De-Programing:
1. Repeat step 1 from programming.
2. ***Flash the high beams 6 times.***